

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075756.D
 Acq On : 19 Apr 2023 18:42
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 06:01:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	197099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	333962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	353509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	158392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90734	48.499	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.000%		
35) Dibromofluoromethane	7.804	113	114773	51.096	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.200%		
50) Toluene-d8	10.269	98	450485	50.081	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.160%		
62) 4-Bromofluorobenzene	12.575	95	125703	52.576	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	86258	47.100	ug/l	94
3) Chloromethane	2.146	50	150109	45.393	ug/l	99
4) Vinyl Chloride	2.281	62	186216	42.436	ug/l	98
5) Bromomethane	2.687	94	143123	41.773	ug/l	97
6) Chloroethane	2.834	64	130756	44.257	ug/l	97
7) Trichlorofluoromethane	3.175	101	159104	46.794	ug/l	100
8) Diethyl Ether	3.593	74	51419	48.590	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.963	101	104015	48.785	ug/l	94
10) Methyl Iodide	4.163	142	148179	50.781	ug/l	91
11) Tert butyl alcohol	5.058	59	19400	206.620	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	109162	49.447	ug/l	85
13) Acrolein	3.799	56	43924	231.924	ug/l	96
14) Allyl chloride	4.563	41	99944	49.710	ug/l #	79
15) Acrylonitrile	5.258	53	100856	255.171	ug/l	98
16) Acetone	4.022	43	79696	232.526	ug/l #	78
17) Carbon Disulfide	4.269	76	325395	45.042	ug/l	96
18) Methyl Acetate	4.563	43	59077	51.114	ug/l #	71
19) Methyl tert-butyl Ether	5.316	73	217356	50.732	ug/l	100
20) Methylene Chloride	4.805	84	133028	50.195	ug/l #	72
21) trans-1,2-Dichloroethene	5.316	96	129955	49.427	ug/l #	72
22) Diisopropyl ether	6.216	45	244158	53.742	ug/l #	87
23) Vinyl Acetate	6.157	43	565667	268.063	ug/l #	82
24) 1,1-Dichloroethane	6.110	63	191913	50.979	ug/l #	96
25) 2-Butanone	7.081	43	104964	237.855	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	157945	46.278	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	146529	50.310	ug/l	79
28) Bromochloromethane	7.428	49	61841	51.967	ug/l #	50
29) Tetrahydrofuran	7.440	42	62253	257.962	ug/l #	52
30) Chloroform	7.593	83	215387	50.469	ug/l	97
31) Cyclohexane	7.881	56	138310	47.112	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	171340	49.237	ug/l	95
36) 1,1-Dichloropropene	8.010	75	154143	49.742	ug/l	93
37) Ethyl Acetate	7.169	43	46690	49.509	ug/l #	77
38) Carbon Tetrachloride	7.993	117	138514	50.759	ug/l	95
39) Methylcyclohexane	9.275	83	183550	51.223	ug/l	88
40) Benzene	8.251	78	493641	51.243	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23429	51.771	ug/l #	65
42) 1,2-Dichloroethane	8.328	62	112099	51.231	ug/l	89
43) Isopropyl Acetate	8.363	43	86887	50.525	ug/l #	78
44) Trichloroethene	9.028	130	135461	49.685	ug/l	95
45) 1,2-Dichloropropane	9.304	63	113588	52.616	ug/l #	85
46) Dibromomethane	9.393	93	67987	49.642	ug/l	96
47) Bromodichloromethane	9.587	83	162790	51.964	ug/l	95
48) Methyl methacrylate	9.381	41	40258	52.545	ug/l #	58
49) 1,4-Dioxane	9.387	88	12940	952.327	ug/l #	73
51) 4-Methyl-2-Pentanone	10.157	43	232208	253.257	ug/l #	79
52) Toluene	10.334	92	323725	50.537	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	148908	49.585	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	182086	51.031	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	98719	49.784	ug/l	95
56) Ethyl methacrylate	10.598	69	99470	50.971	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	151730	50.401	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	229026	273.270	ug/l #	87
59) 2-Hexanone	10.922	43	162940	252.745	ug/l	73
60) Dibromochloromethane	11.075	129	113742	49.019	ug/l	99
61) 1,2-Dibromoethane	11.181	107	96638	51.088	ug/l	97
64) Tetrachloroethene	10.810	164	113378	44.533	ug/l	98
65) Chlorobenzene	11.610	112	383923	50.704	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	137192	52.705	ug/l	96
67) Ethyl Benzene	11.687	91	655630	53.354	ug/l	96
68) m/p-Xylenes	11.792	106	538798	106.988	ug/l	90
69) o-Xylene	12.122	106	233418	51.258	ug/l	92
70) Styrene	12.134	104	407069	48.685	ug/l	94
71) Bromoform	12.298	173	65315	48.000	ug/l #	96
73) Isopropylbenzene	12.422	105	558139	53.692	ug/l	97
74) N-amyl acetate	12.234	43	79170	51.829	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.675	83	104937	51.966	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	56270m	43.564	ug/l	
77) Bromobenzene	12.704	156	139872	52.192	ug/l	88
78) n-propylbenzene	12.763	91	679035	53.290	ug/l	96
79) 2-Chlorotoluene	12.851	91	365390	50.558	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	466252	53.802	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	30517	51.207	ug/l #	70
82) 4-Chlorotoluene	12.945	91	381911	50.821	ug/l	92
83) tert-Butylbenzene	13.169	119	396577	54.273	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	467065	53.712	ug/l	94
85) sec-Butylbenzene	13.345	105	606479	53.801	ug/l	97
86) p-Isopropyltoluene	13.463	119	508417	54.177	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	285148	51.145	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	277215	50.330	ug/l	97
89) n-Butylbenzene	13.786	91	455684	52.715	ug/l	97
90) Hexachloroethane	14.057	117	91720	49.191	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	247240	51.768	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13237	48.898	ug/l	77
93) 1,2,4-Trichlorobenzene	15.104	180	137066	49.331	ug/l	97
94) Hexachlorobutadiene	15.204	225	64939	48.899	ug/l	96
95) Naphthalene	15.333	128	263947	50.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	121818	49.812	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

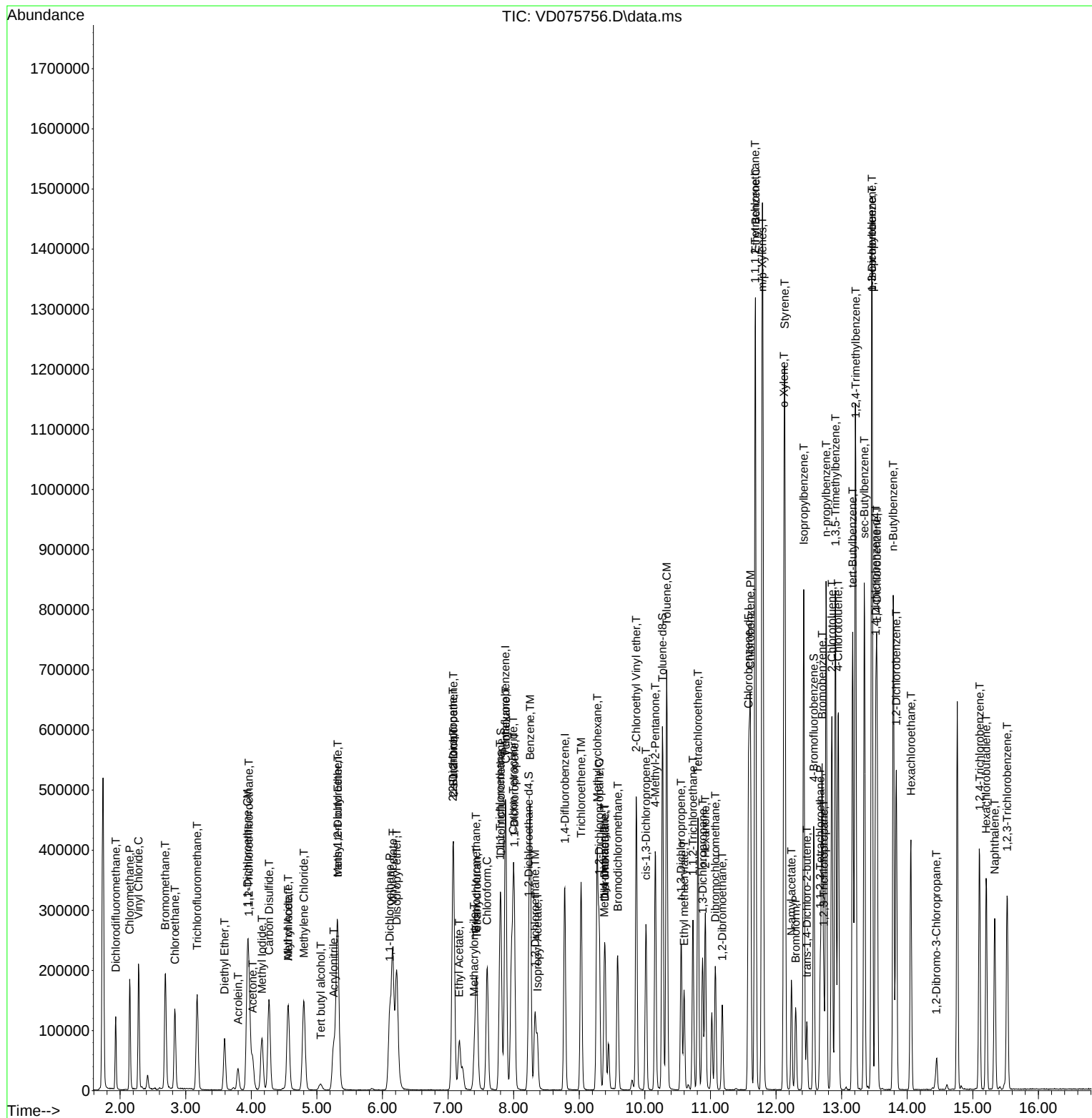
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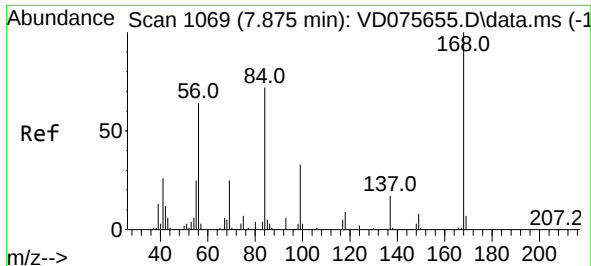
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Manual Integrations APPROVED

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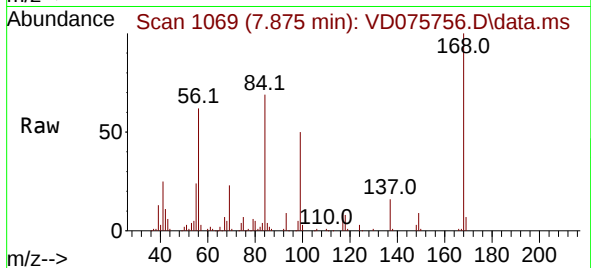
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

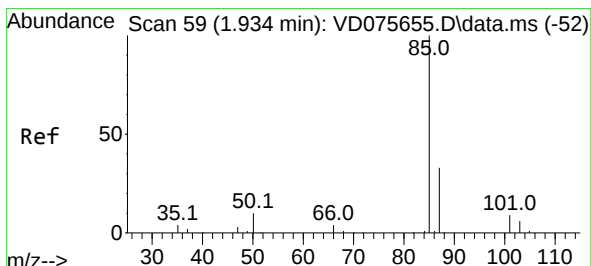
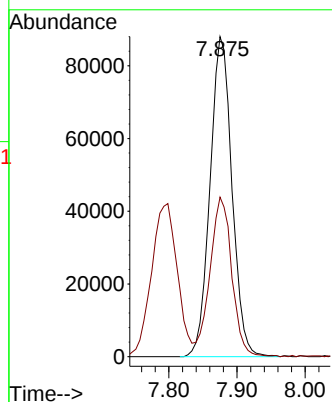
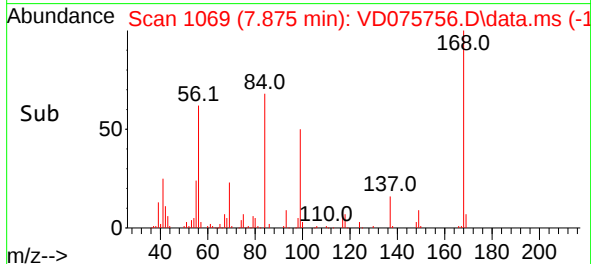
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 197099
Ion Ratio Lower Upper
168 100
99 49.9 43.8 65.6

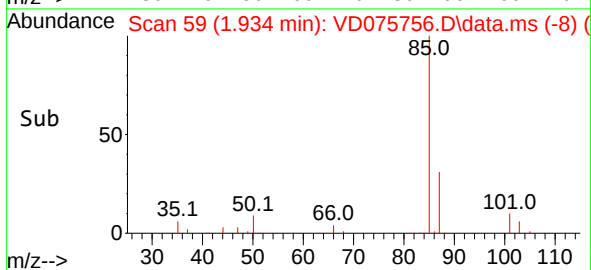
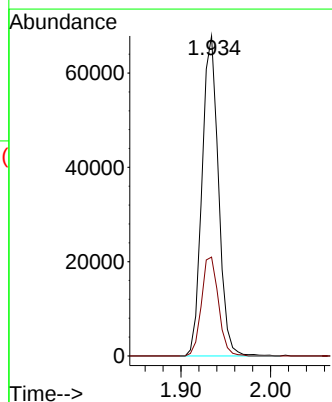
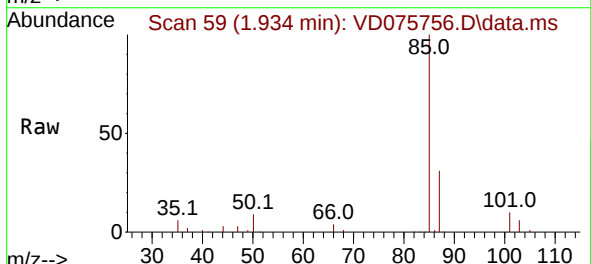
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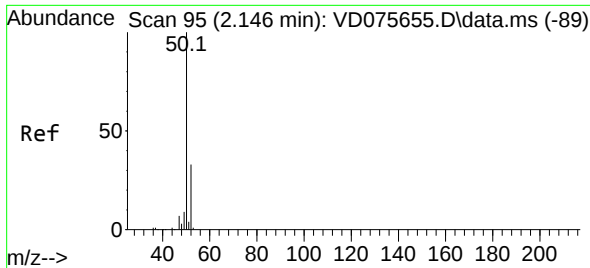
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#2
Dichlorodifluoromethane
Concen: 47.100 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

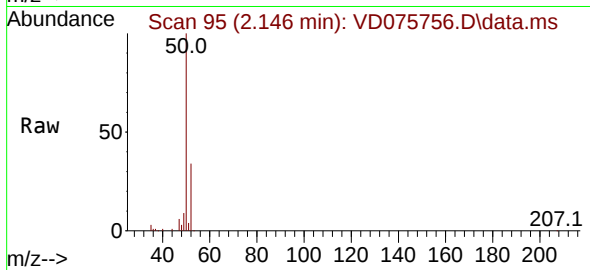
Tgt Ion: 85 Resp: 86258
Ion Ratio Lower Upper
85 100
87 30.9 17.3 51.7





#3
Chloromethane
Concen: 45.393 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

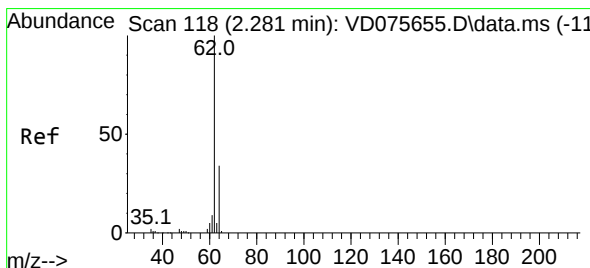
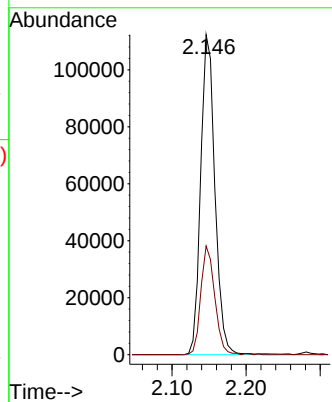
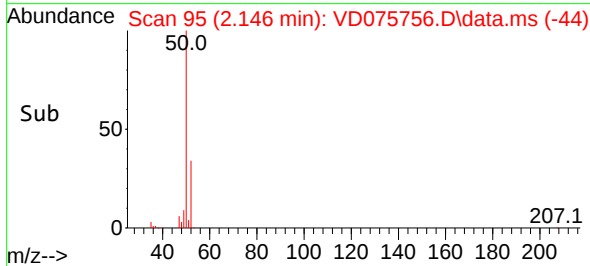
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 150109
Ion Ratio Lower Upper
50 100
52 34.0 27.8 41.8

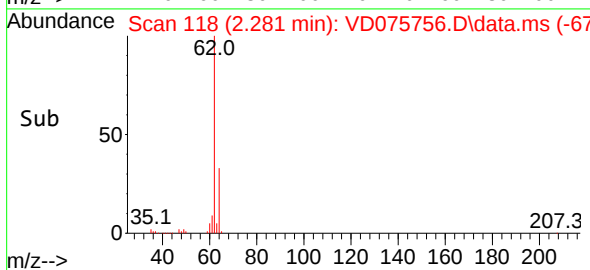
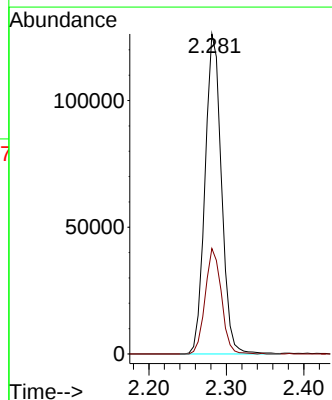
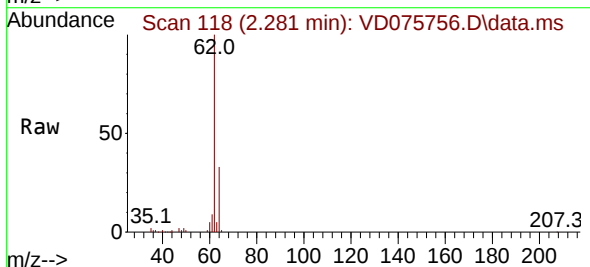
Manual Integrations
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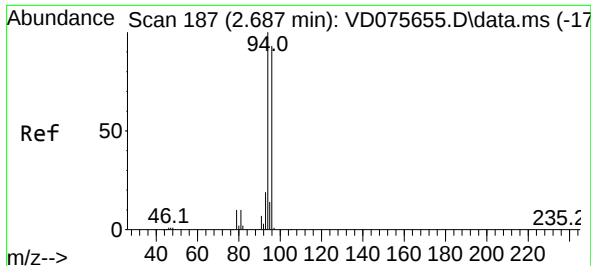
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#4
Vinyl Chloride
Concen: 42.436 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

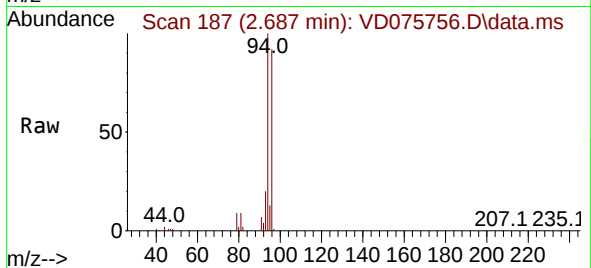
Tgt Ion: 62 Resp: 186216
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





#5
Bromomethane
Concen: 41.773 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

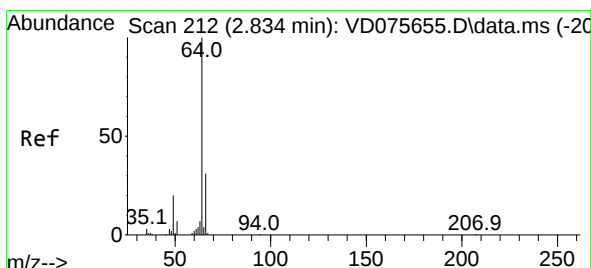
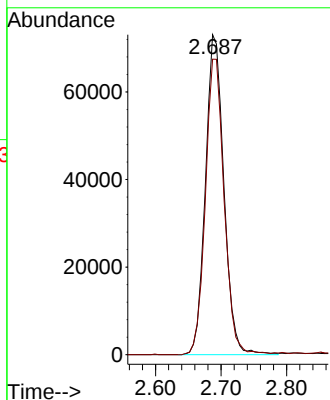
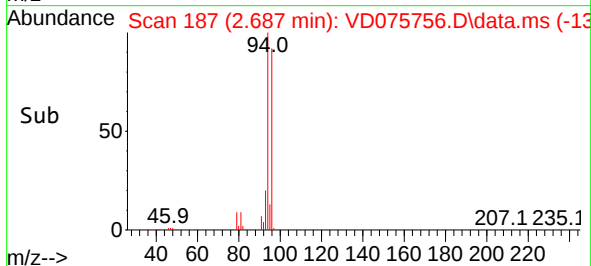
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Tgt Ion: 94 Resp: 14312
Ion Ratio Lower Upper
94 100
96 93.9 77.5 116.3

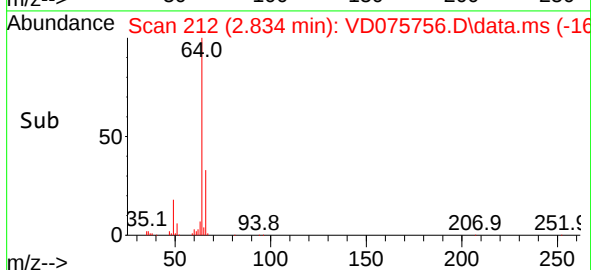
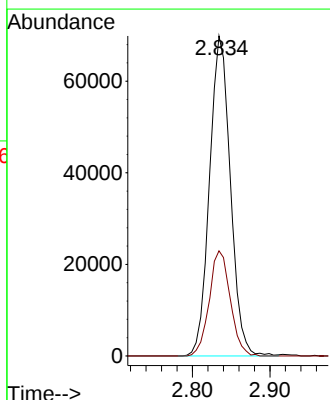
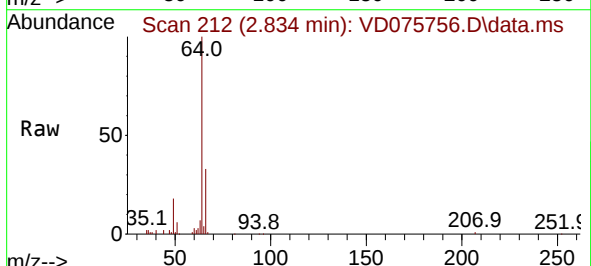
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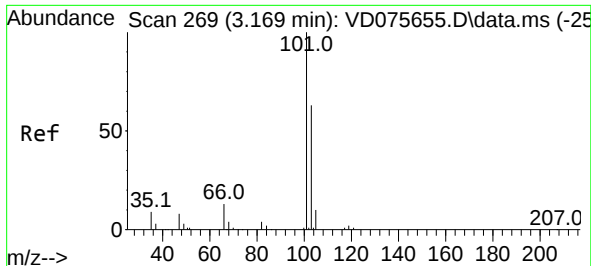
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#6
Chloroethane
Concen: 44.257 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

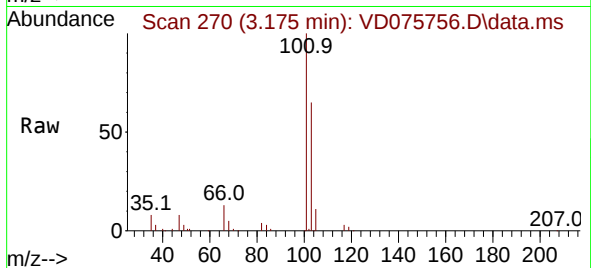
Tgt Ion: 64 Resp: 130756
Ion Ratio Lower Upper
64 100
66 32.9 27.7 41.5





#7
Trichlorofluoromethane
Concen: 46.794 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

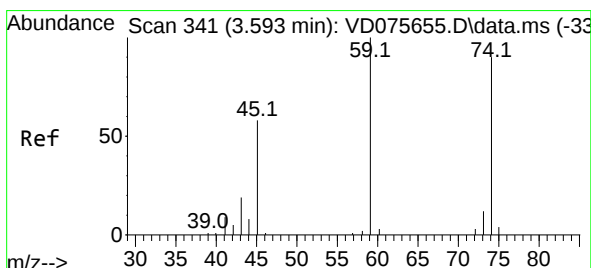
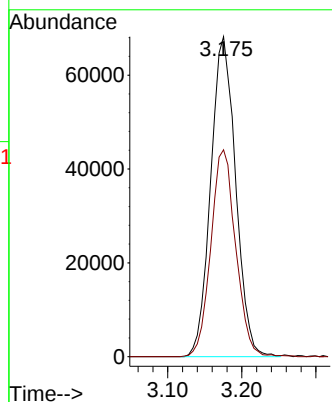
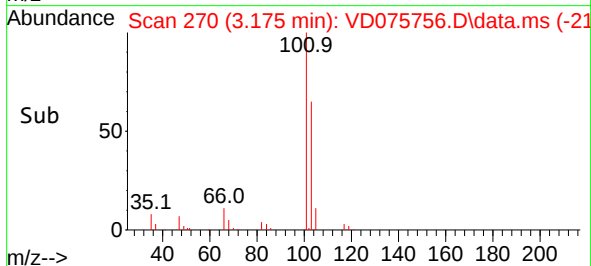
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Tgt Ion:101 Resp: 159104
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9

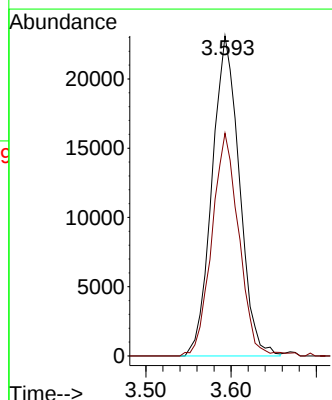
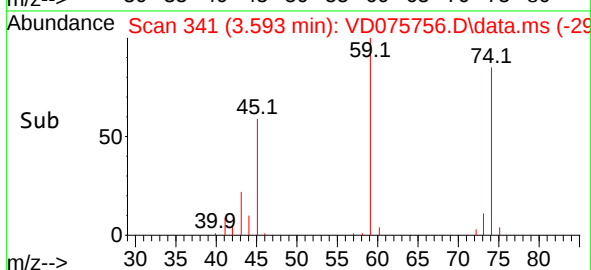
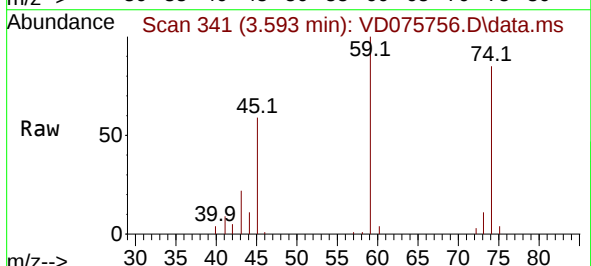
Manual Integrations
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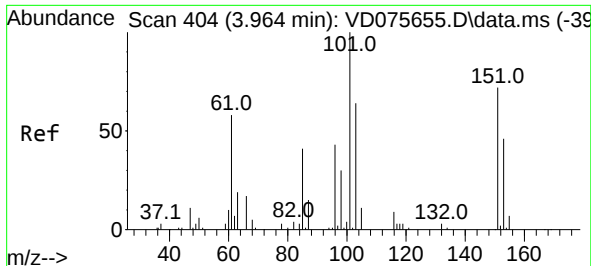
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#8
Diethyl Ether
Concen: 48.590 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Tgt Ion: 74 Resp: 51419
Ion Ratio Lower Upper
74 100
45 68.9 50.9 152.7





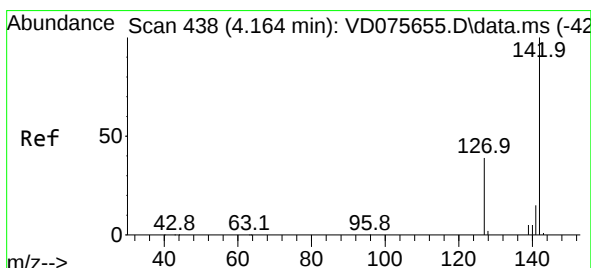
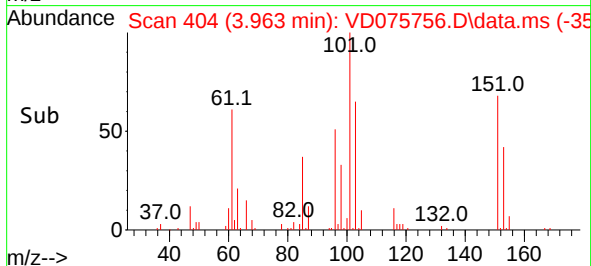
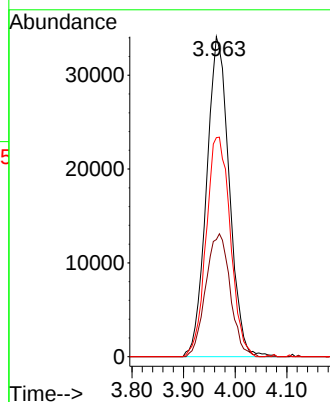
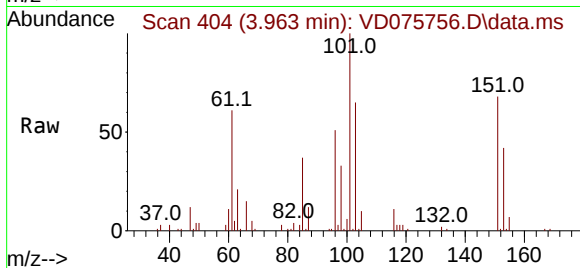
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.785 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 104015
Ion Ratio Lower Upper
101 100
85 41.4 38.3 57.5
151 72.9 60.4 90.6

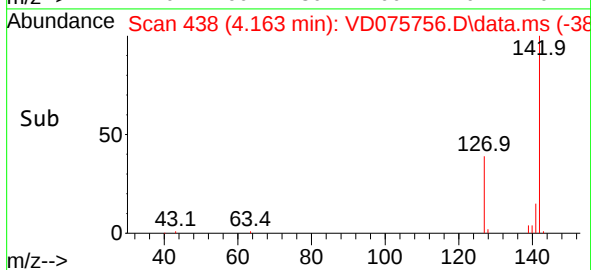
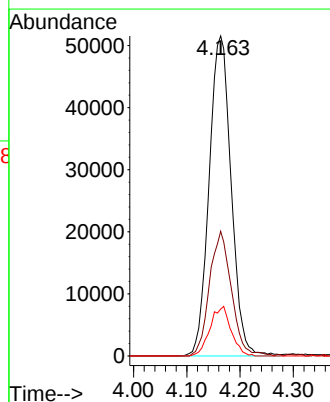
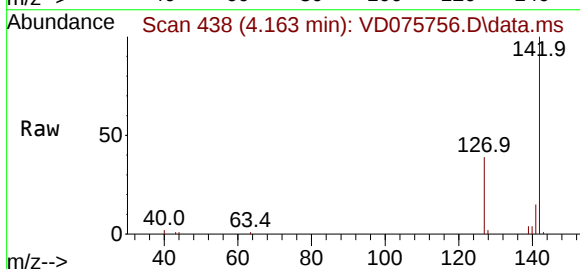
Manual Integrations
APPROVED

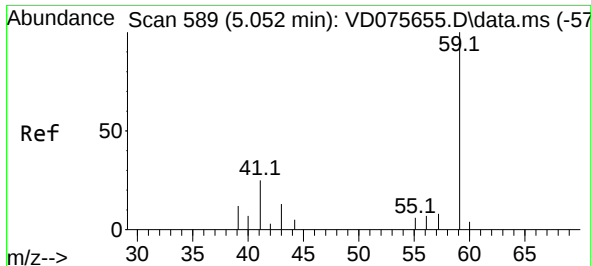
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#10
Methyl Iodide
Concen: 50.781 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Tgt Ion:142 Resp: 148179
Ion Ratio Lower Upper
142 100
127 38.8 37.1 55.7
141 14.8 11.3 16.9





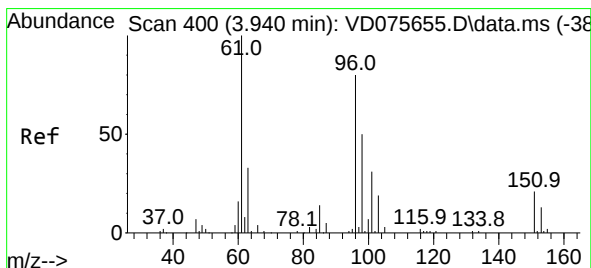
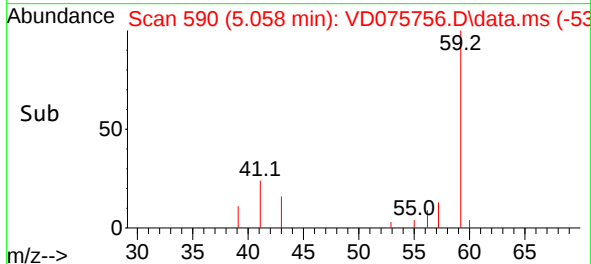
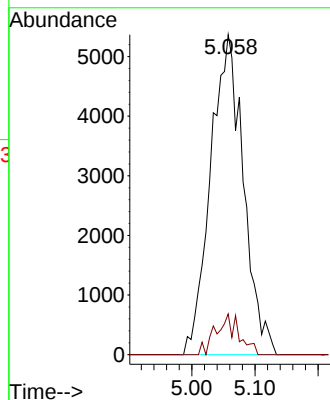
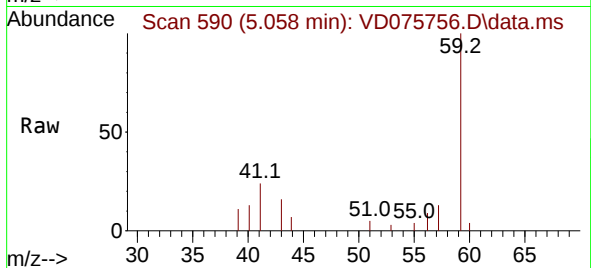
#11
Tert butyl alcohol
Concen: 206.620 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 19400
Ion Ratio Lower Upper
59 100
57 8.9 0.0 0.0

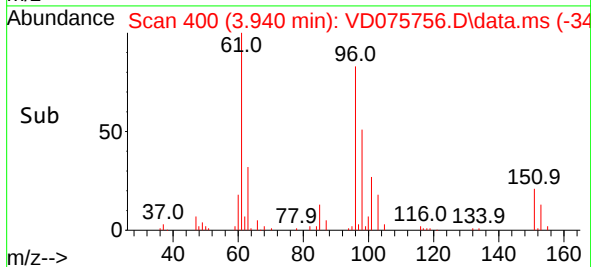
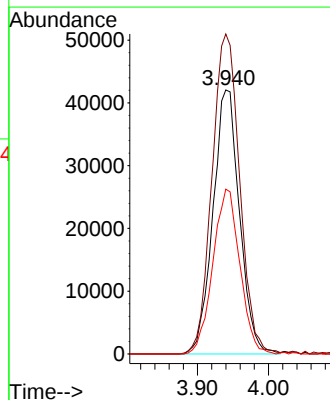
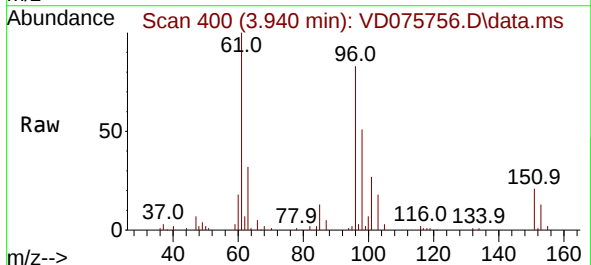
Manual Integrations
APPROVED

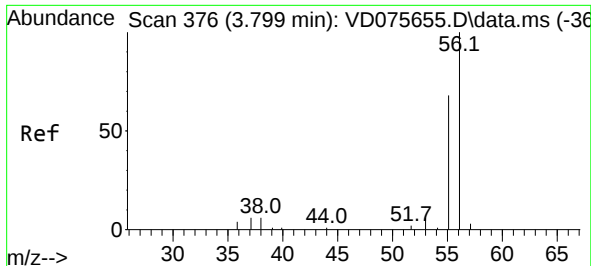
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#12
1,1-Dichloroethene
Concen: 49.447 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

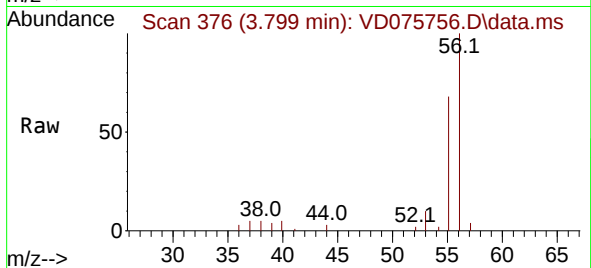
Tgt Ion: 96 Resp: 109162
Ion Ratio Lower Upper
96 100
61 121.2 118.6 177.8
98 62.4 49.7 74.5





#13
Acrolein
Concen: 231.924 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

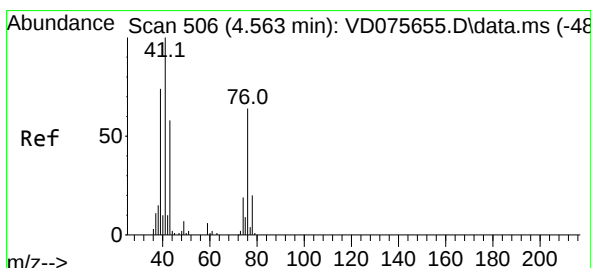
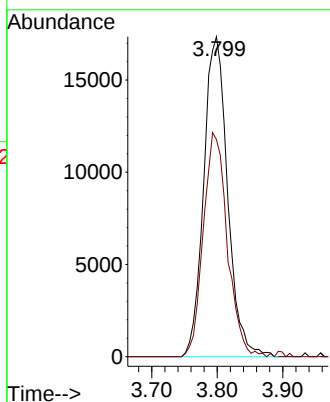
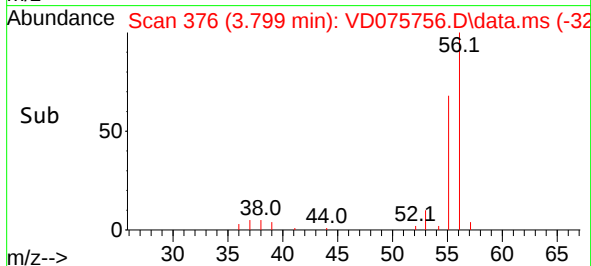
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 43924
Ion Ratio Lower Upper
56 100
55 70.3 53.9 80.9

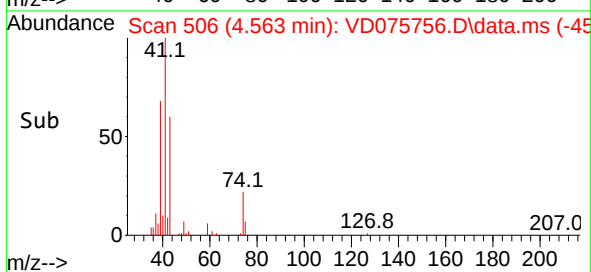
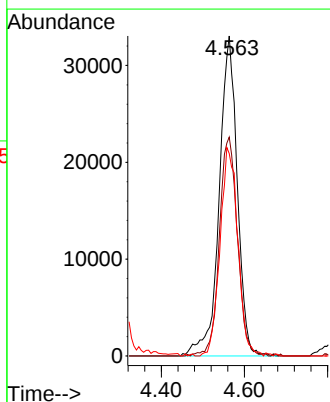
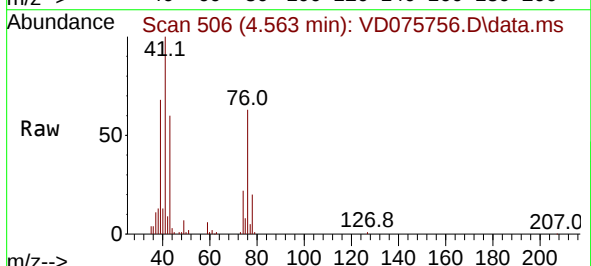
Manual Integrations
APPROVED

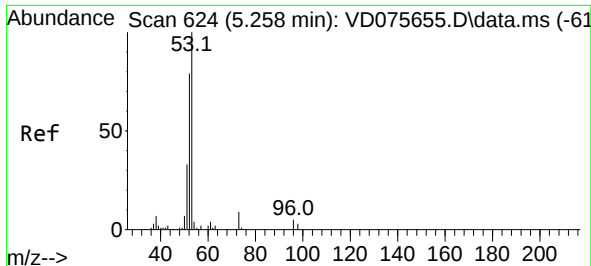
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#14
Allyl chloride
Concen: 49.710 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

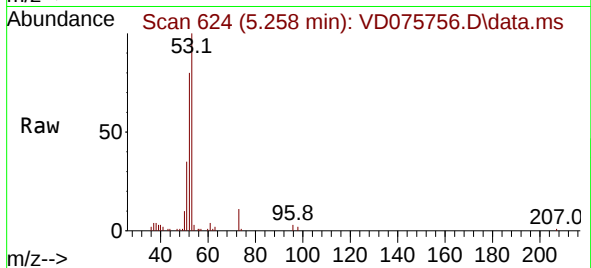
Tgt Ion: 41 Resp: 99944
Ion Ratio Lower Upper
41 100
39 68.2 60.6 90.8
76 63.9 28.6 43.0#





#15
Acrylonitrile
Concen: 255.171 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

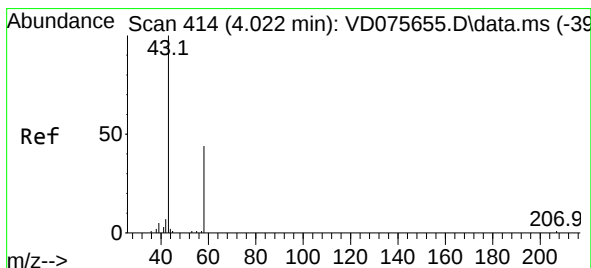
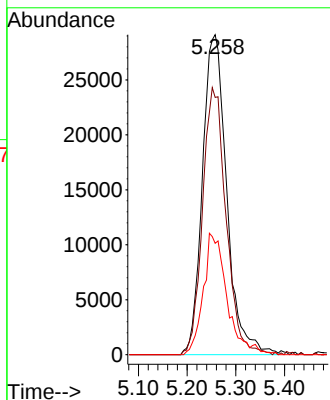
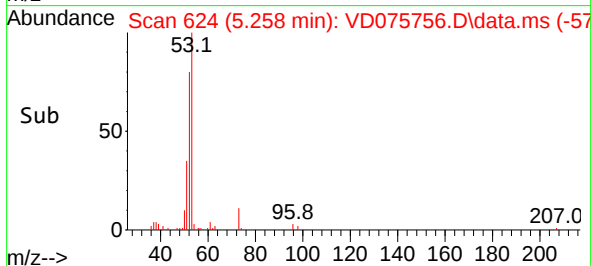
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 100850
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.4
51 37.0 30.7 46.1

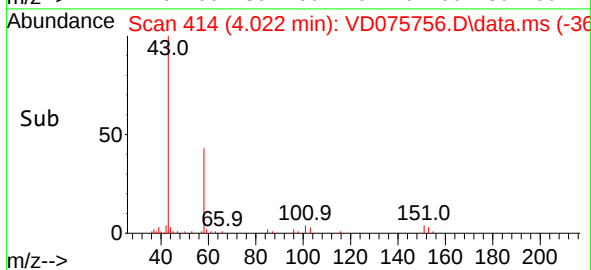
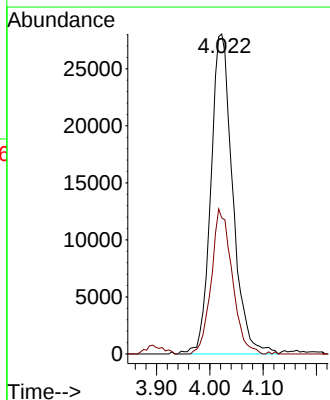
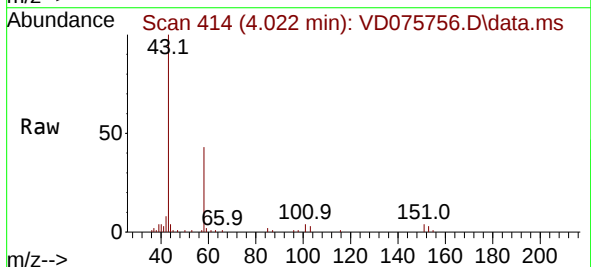
Manual Integrations
APPROVED

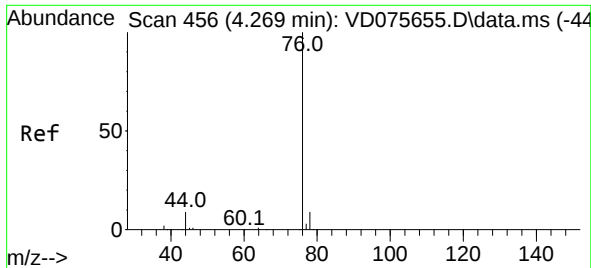
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#16
Acetone
Concen: 232.526 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Tgt Ion: 43 Resp: 79696
Ion Ratio Lower Upper
43 100
58 42.5 24.4 36.6#





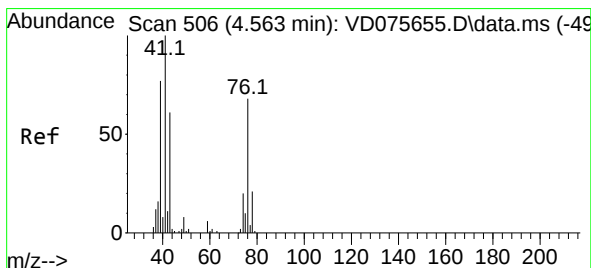
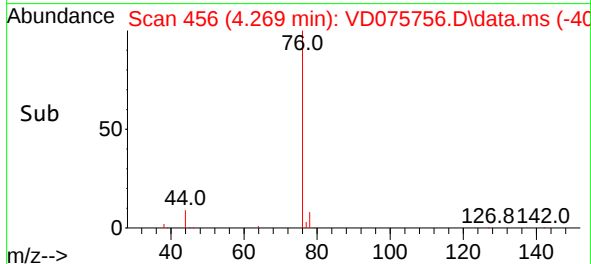
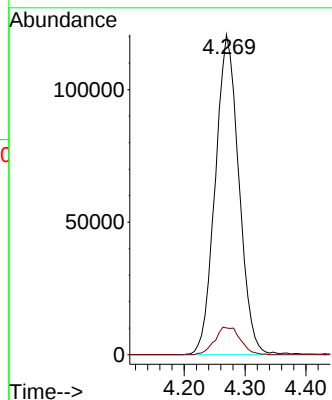
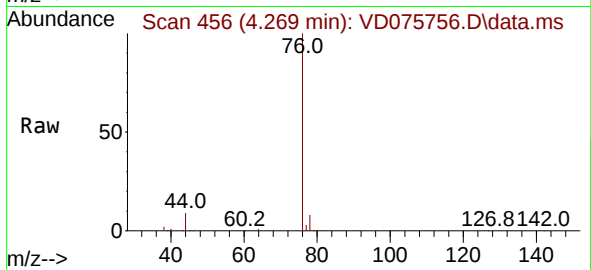
#17
Carbon Disulfide
Concen: 45.042 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 32539
Ion Ratio Lower Upper
76 100
78 8.4 8.0 12.0

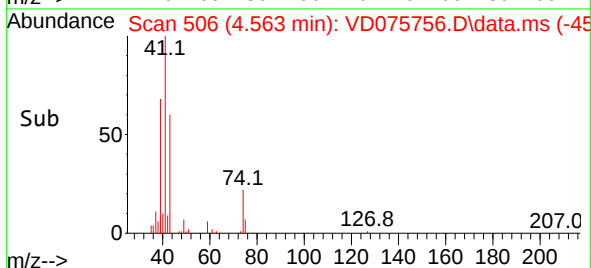
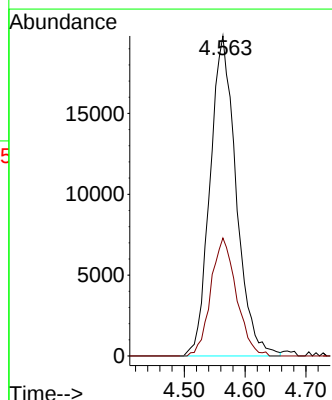
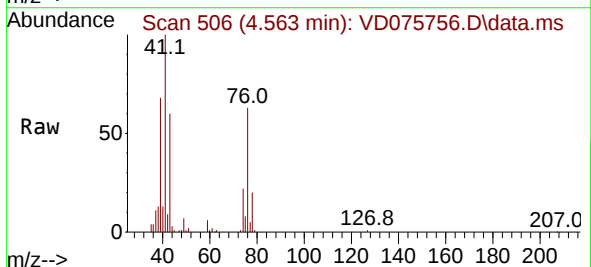
Manual Integrations
APPROVED

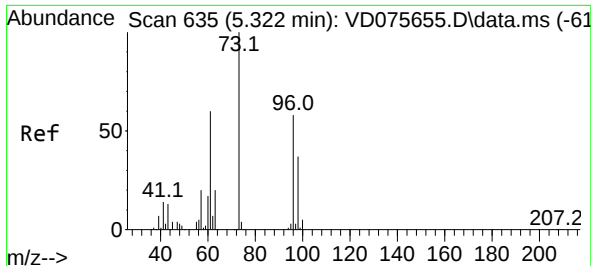
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#18
Methyl Acetate
Concen: 51.114 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

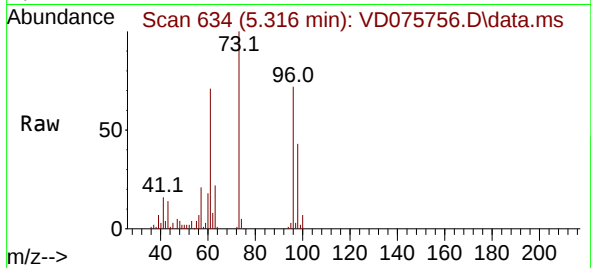
Tgt Ion: 43 Resp: 59077
Ion Ratio Lower Upper
43 100
74 36.0 17.8 26.6#





#19
Methyl tert-butyl Ether
Concen: 50.732 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

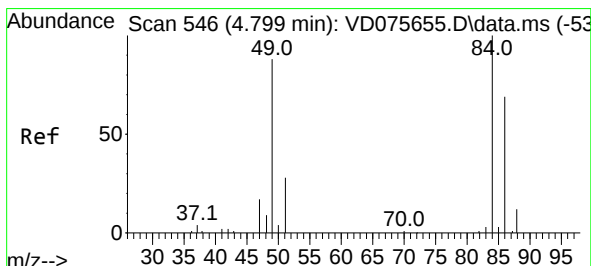
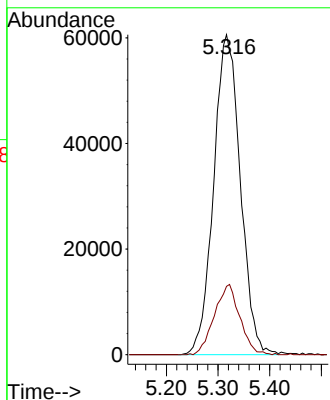
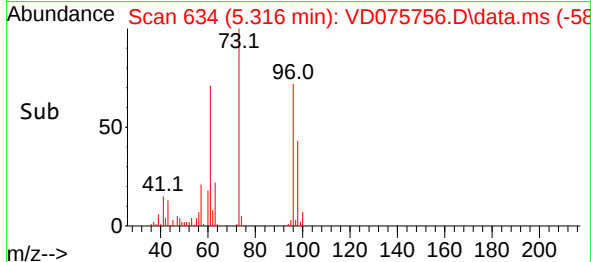
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 217356
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8

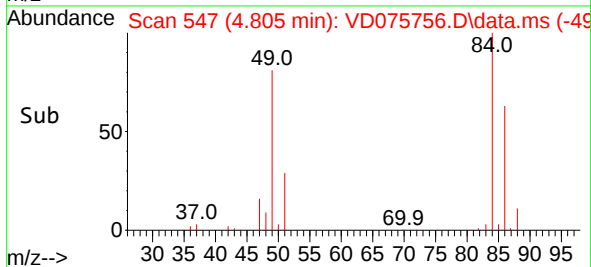
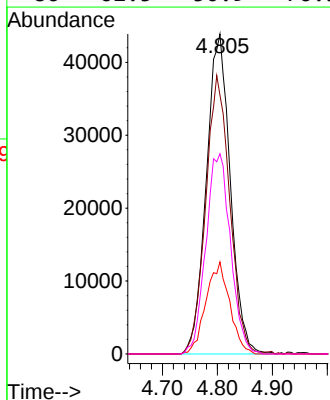
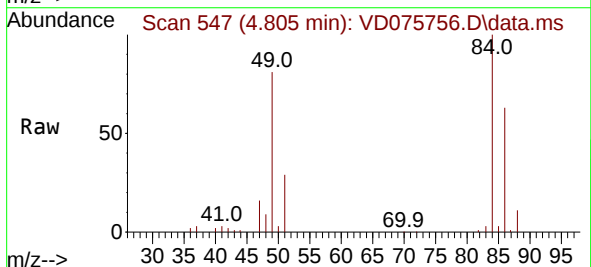
Manual Integrations
APPROVED

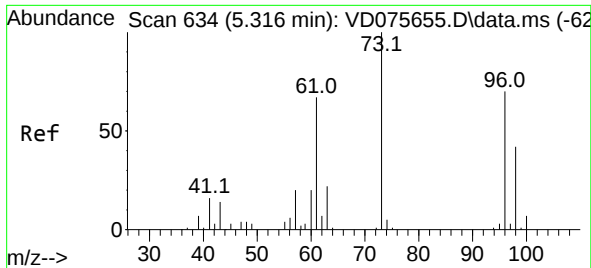
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 50.195 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

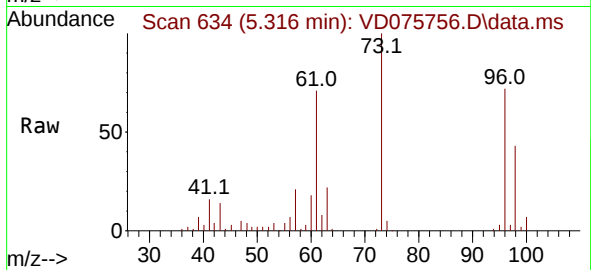
Tgt Ion: 84 Resp: 133028
Ion Ratio Lower Upper
84 100
49 80.9 106.4 159.6#
51 28.8 32.4 48.6#
86 62.5 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 49.427 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

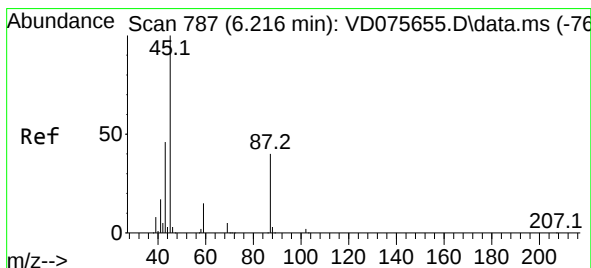
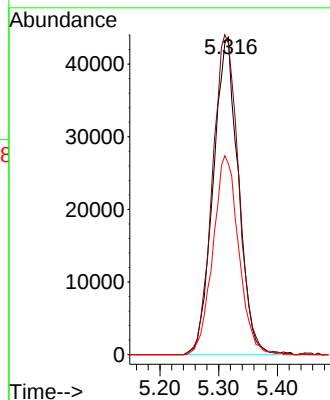
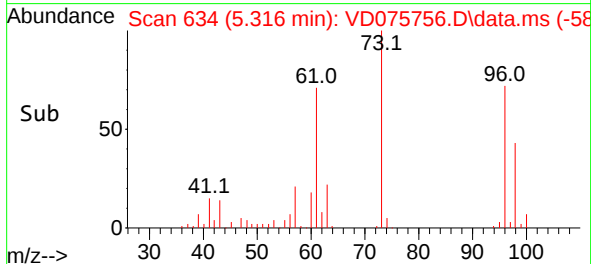
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 129958
Ion Ratio Lower Upper
96 100
61 98.1 117.2 175.8
98 60.2 50.6 76.0

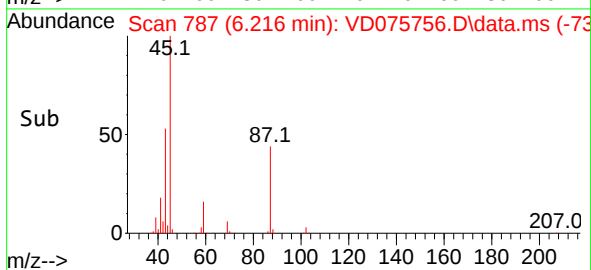
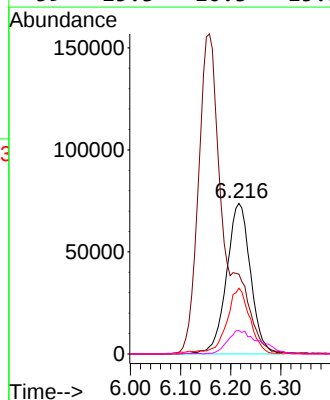
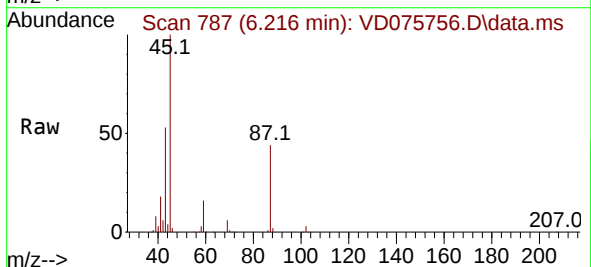
Manual Integrations
APPROVED

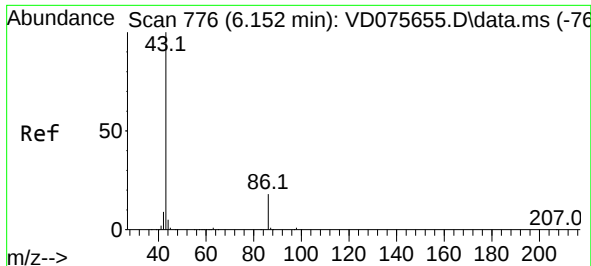
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#22
Diisopropyl ether
Concen: 53.742 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

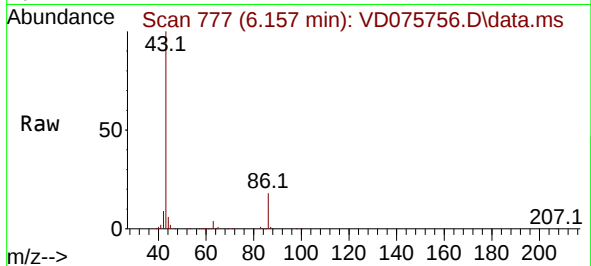
Tgt Ion: 45 Resp: 244158
Ion Ratio Lower Upper
45 100
43 51.4 44.4 66.6
87 43.2 20.9 31.3
59 15.3 10.3 15.5





#23
 Vinyl Acetate
 Concen: 268.063 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.005 min
 Lab File: VD075756.D
 Acq: 19 Apr 2023 18:42

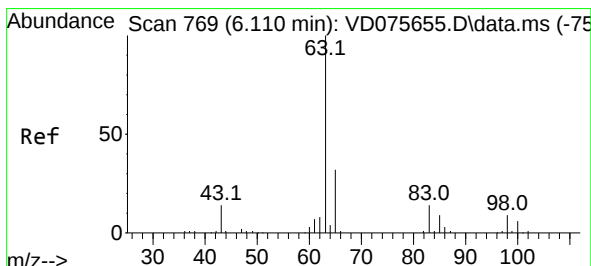
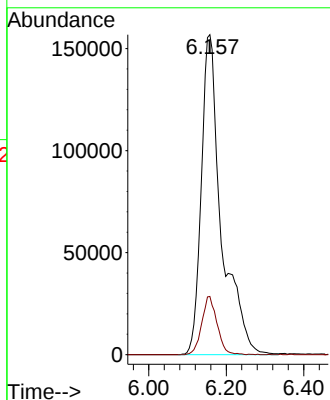
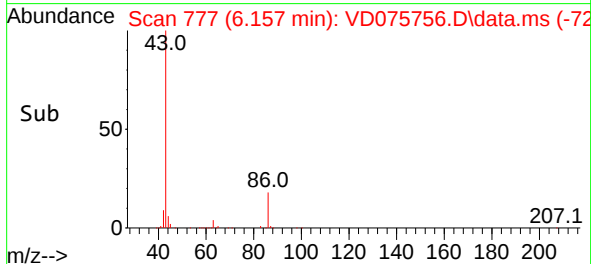
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



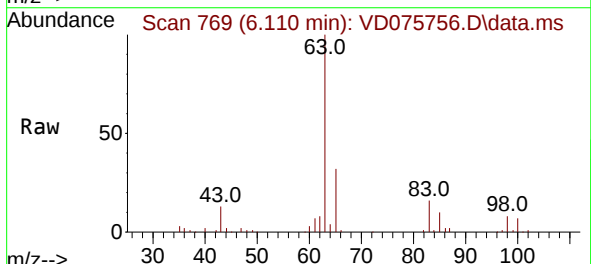
Tgt Ion: 43 Resp: 56566
 Ion Ratio Lower Upper
 43 100
 86 18.2 9.0 13.6

Manual Integrations
 APPROVED

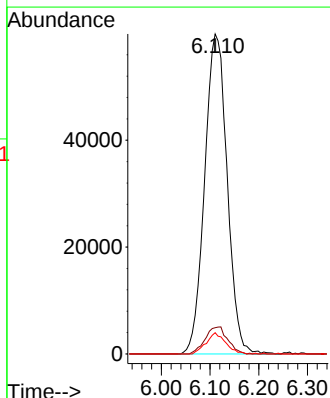
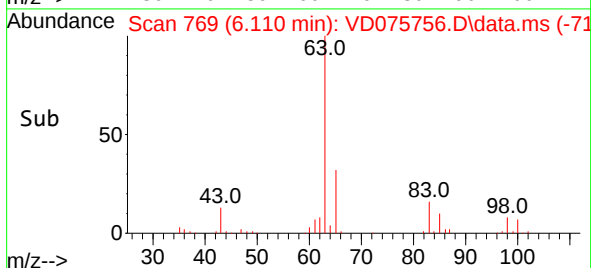
Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

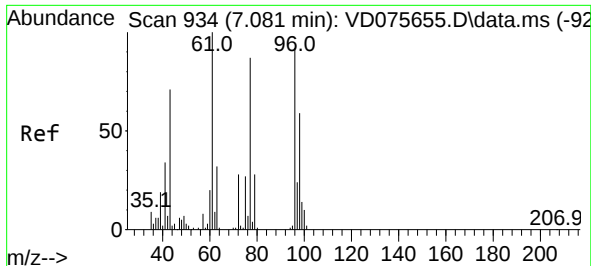


#24
 1,1-Dichloroethane
 Concen: 50.979 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075756.D
 Acq: 19 Apr 2023 18:42



Tgt Ion: 63 Resp: 191913
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 6.7 2.0 6.0





#25

2-Butanone

Concen: 237.855 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075756.D

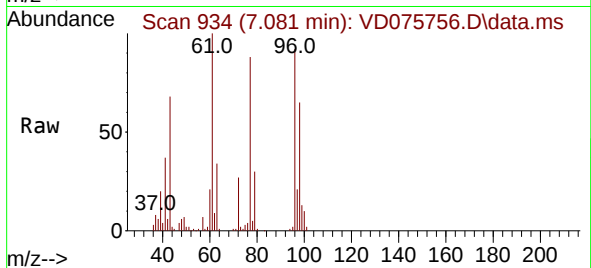
Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 104964

Ion Ratio Lower Upper

43 100

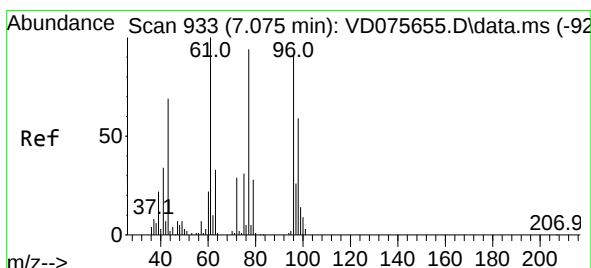
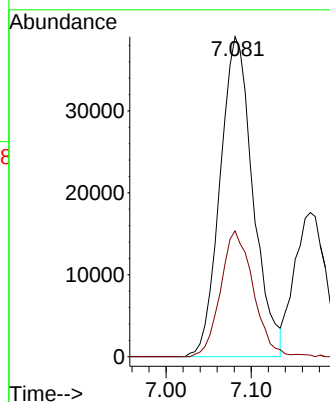
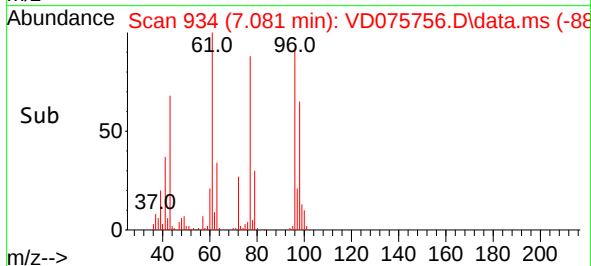
72 39.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#26

2,2-Dichloropropane

Concen: 46.278 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD075756.D

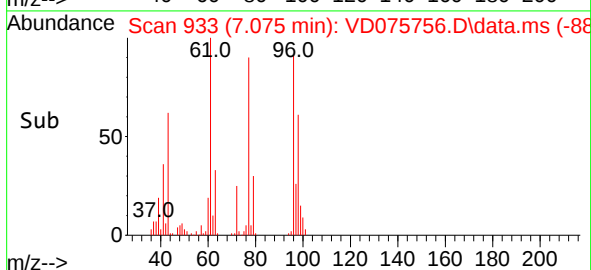
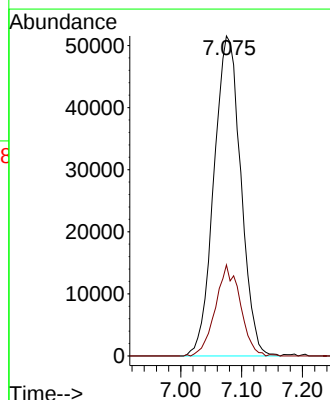
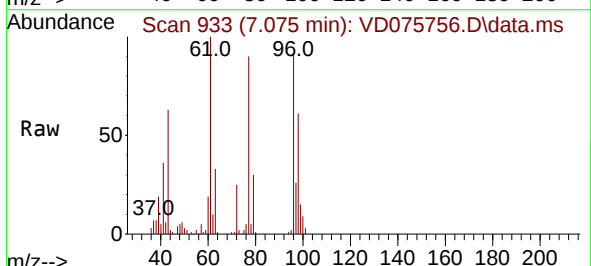
Acq: 19 Apr 2023 18:42

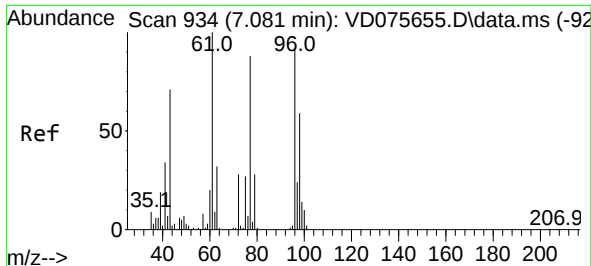
Tgt Ion: 77 Resp: 157945

Ion Ratio Lower Upper

77 100

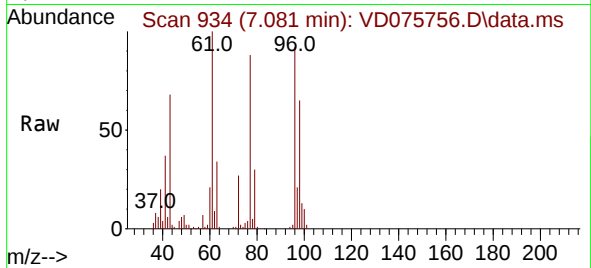
97 26.4 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.310 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075756.D
 Acq: 19 Apr 2023 18:42

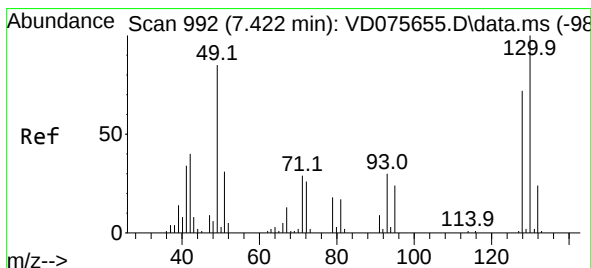
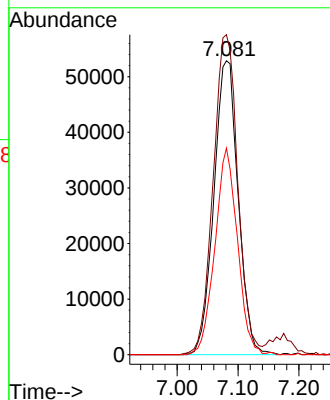
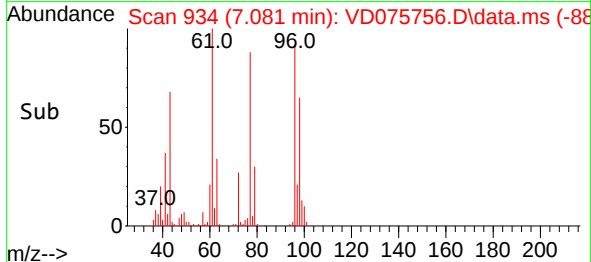
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 146529
 Ion Ratio Lower Upper
 96 100
 61 110.4 0.0 295.2
 98 65.0 0.0 129.2

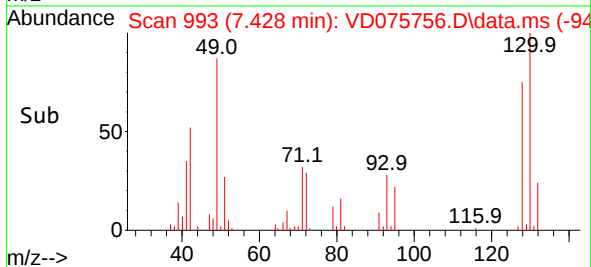
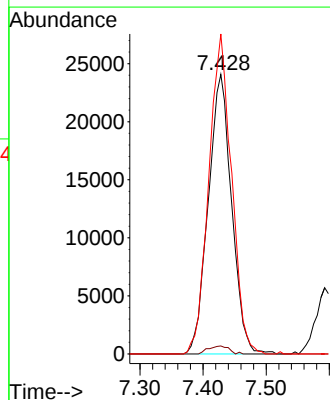
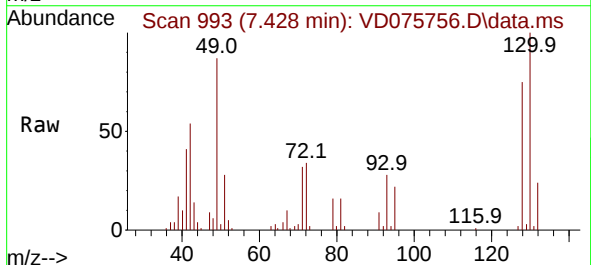
Manual Integrations
 APPROVED

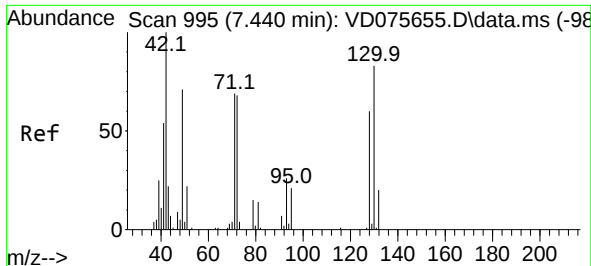
Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#28
 Bromochloromethane
 Concen: 51.967 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD075756.D
 Acq: 19 Apr 2023 18:42

Tgt Ion: 49 Resp: 61841
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.2#
 130 111.6 56.0 84.0#





#29

Tetrahydrofuran

Concen: 257.962 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

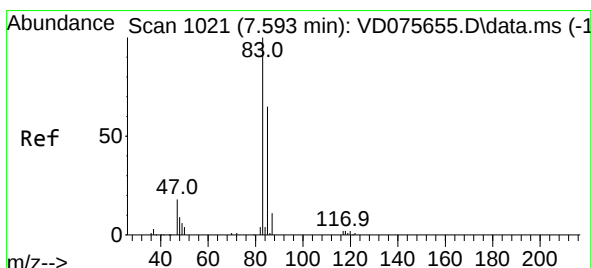
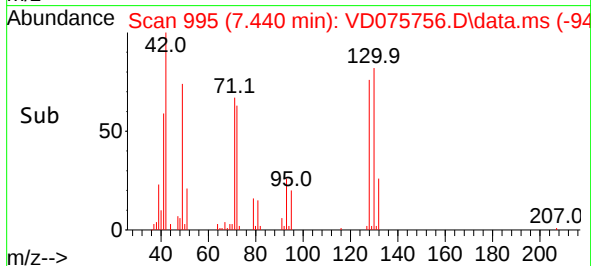
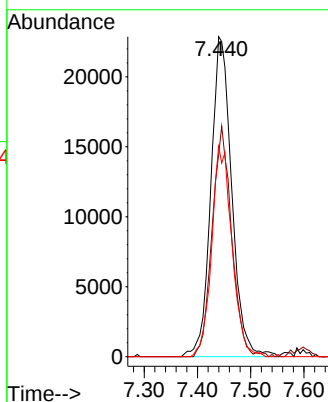
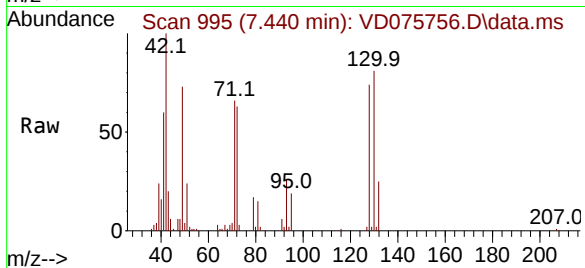
Tgt Ion:	42	Resp:	6225
Ion Ratio	Lower	Upper	
42	100		
72	67.3	31.8	47.6
71	63.9	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Chloroform

Concen: 50.469 ug/l

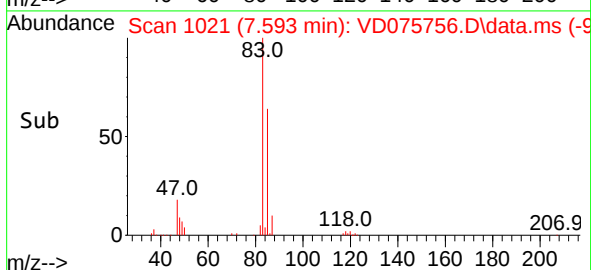
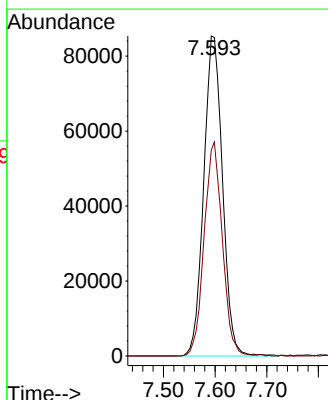
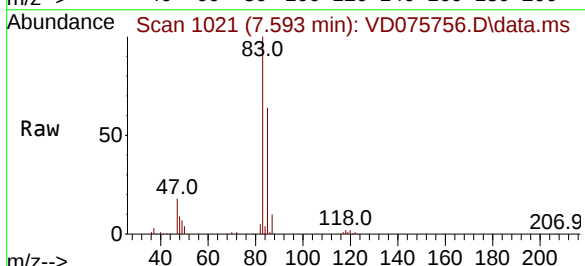
RT: 7.593 min Scan# 1021

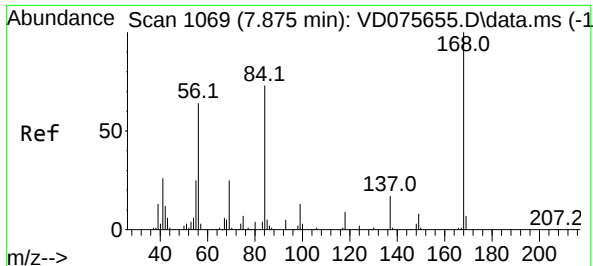
Delta R.T. -0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

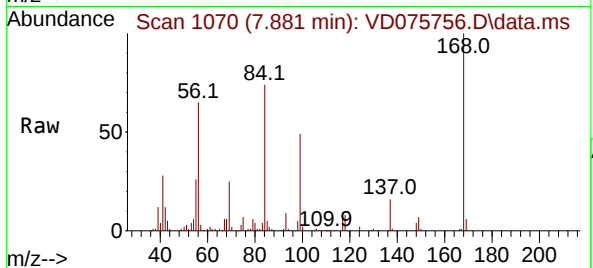
Tgt Ion:	83	Resp:	215387
Ion Ratio	Lower	Upper	
83	100		
85	64.4	49.4	74.2





#31
Cyclohexane
Concen: 47.112 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

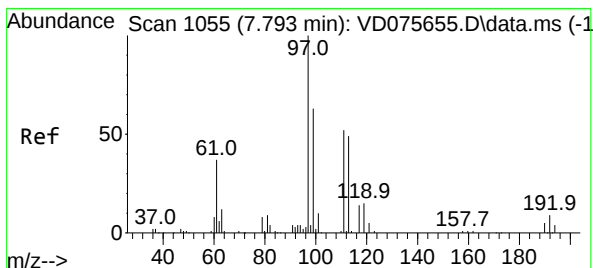
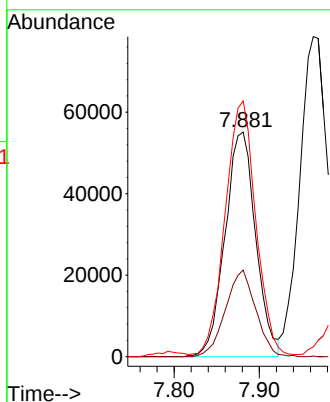
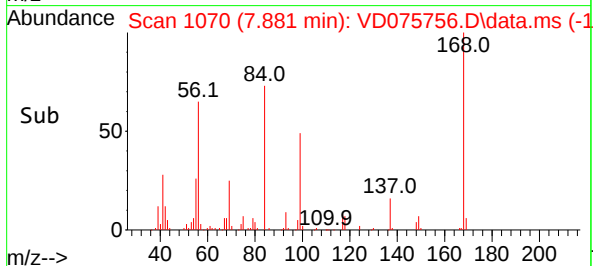
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 138310
Ion Ratio Lower Upper
56 100
69 38.6 25.5 38.3
84 112.2 69.6 104.4

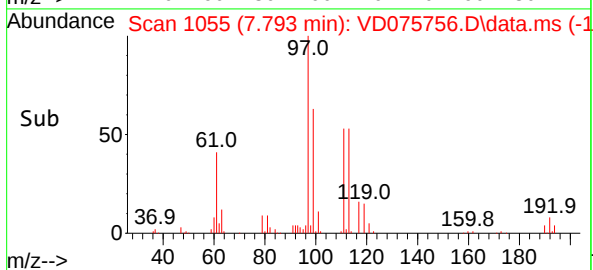
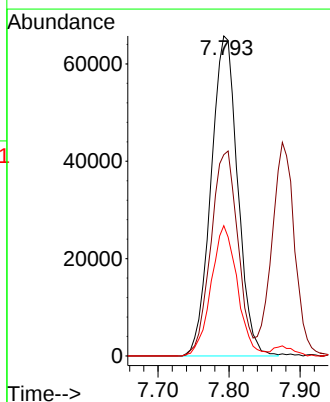
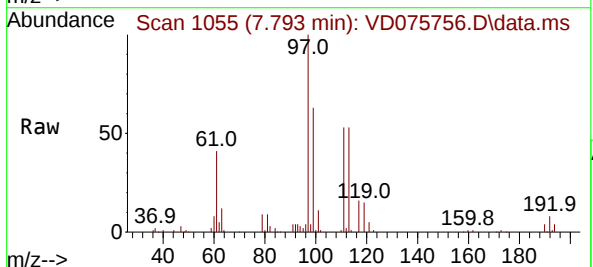
Manual Integrations
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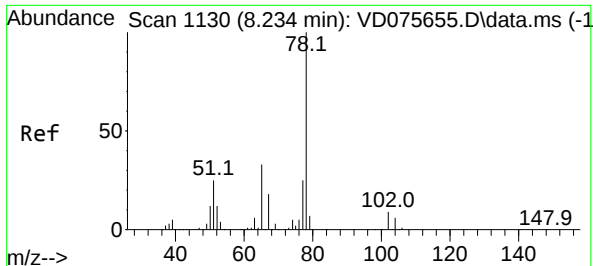
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#32
1,1,1-Trichloroethane
Concen: 49.237 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Tgt Ion: 97 Resp: 171340
Ion Ratio Lower Upper
97 100
99 64.7 50.5 75.7
61 40.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.499 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDC050EC

Tgt Ion: 65 Resp: 90734

Ion Ratio Lower Upper

65 100

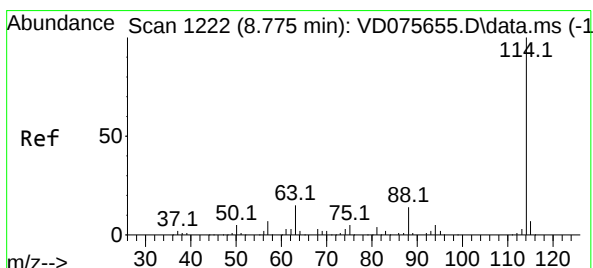
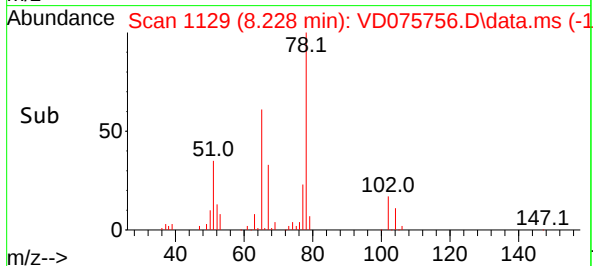
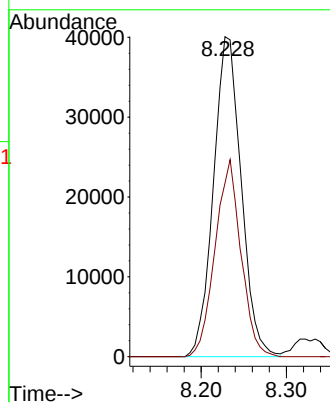
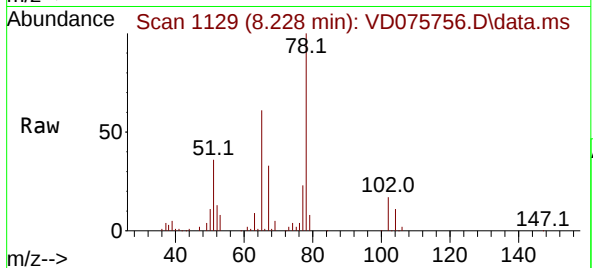
67 57.4 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

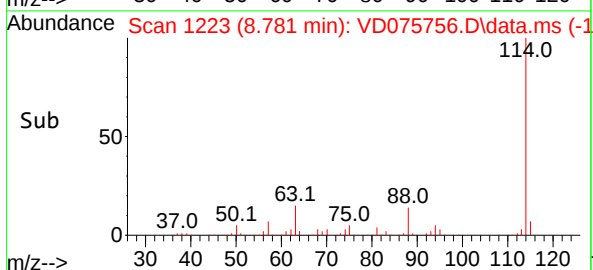
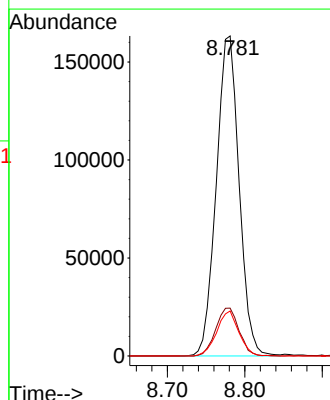
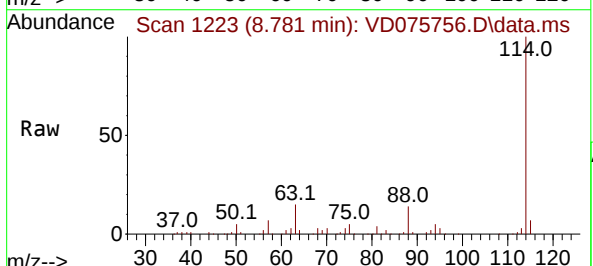
Tgt Ion:114 Resp: 333962

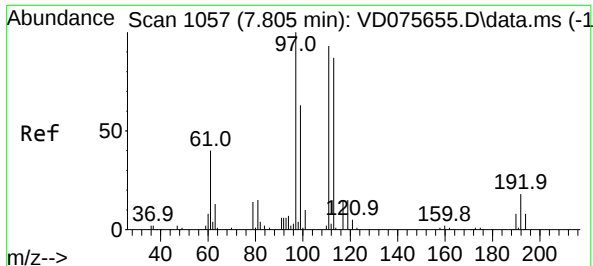
Ion Ratio Lower Upper

114 100

63 15.0 0.0 41.6

88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.096 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 11477

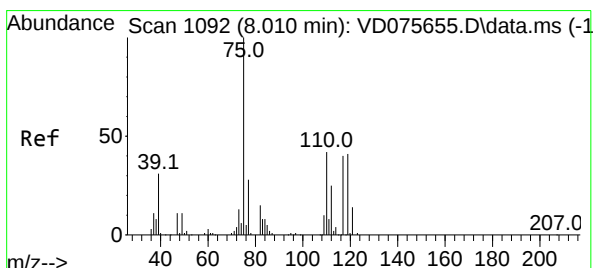
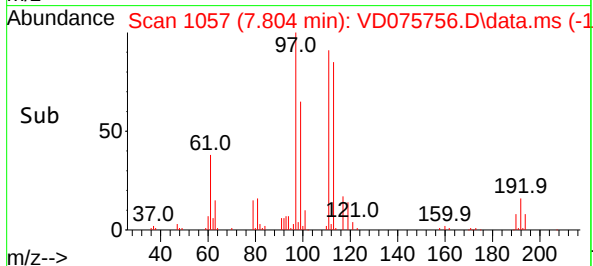
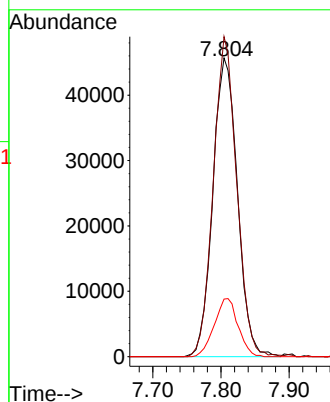
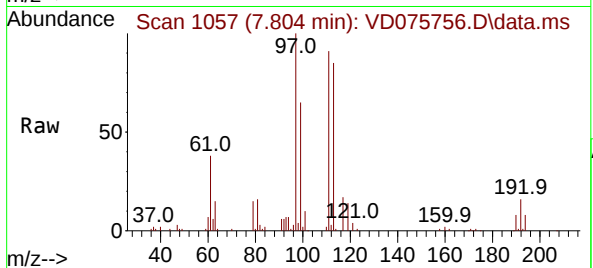
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	18.8	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#36

1,1-Dichloropropene

Concen: 49.742 ug/l

RT: 8.010 min Scan# 1092

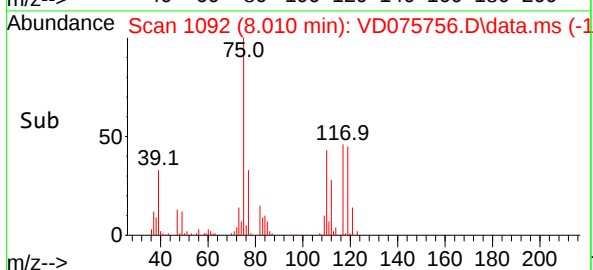
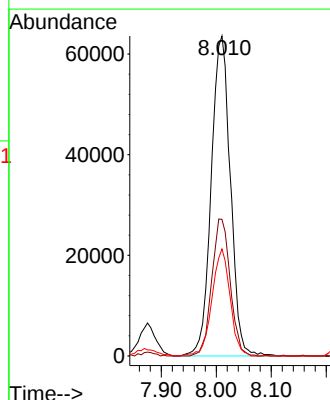
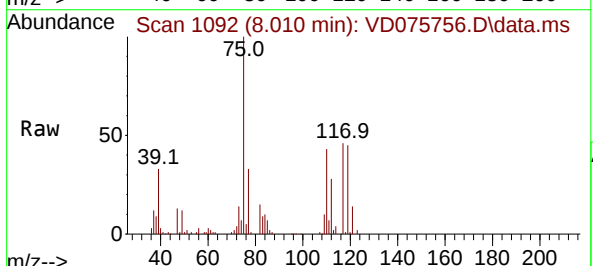
Delta R.T. 0.000 min

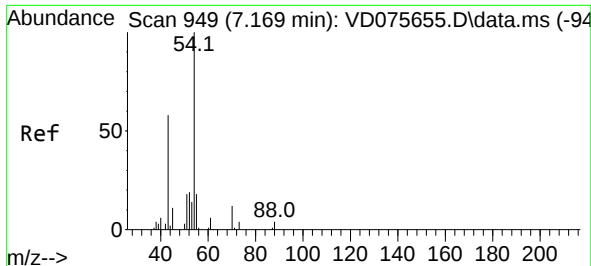
Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Tgt Ion: 75 Resp: 154143

Ion	Ratio	Lower	Upper
75	100		
110	41.2	17.1	51.2
77	31.6	24.6	36.8





#37

Ethyl Acetate

Concen: 49.509 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 46690

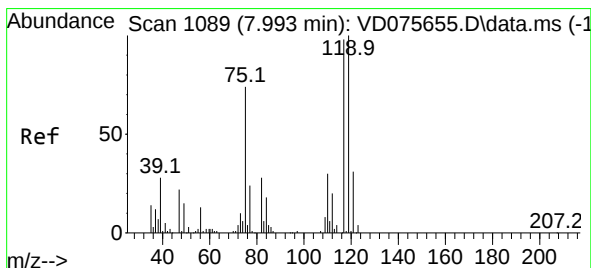
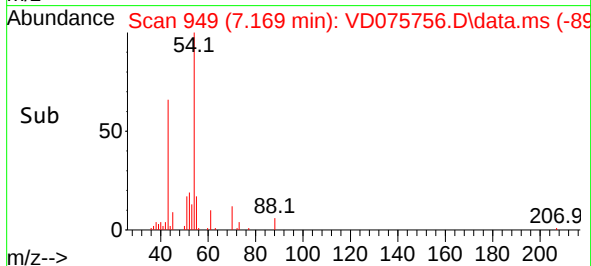
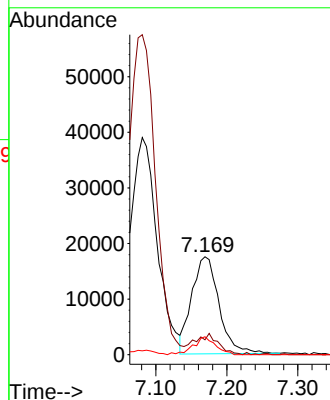
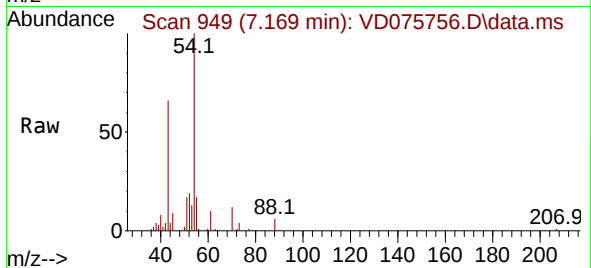
Ion	Ratio	Lower	Upper
43	100		
61	18.9	0.0	0.0
70	15.0	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#38

Carbon Tetrachloride

Concen: 50.759 ug/l

RT: 7.993 min Scan# 1089

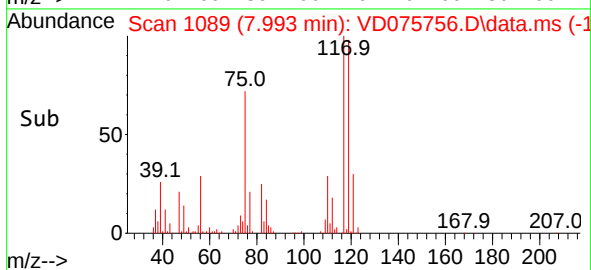
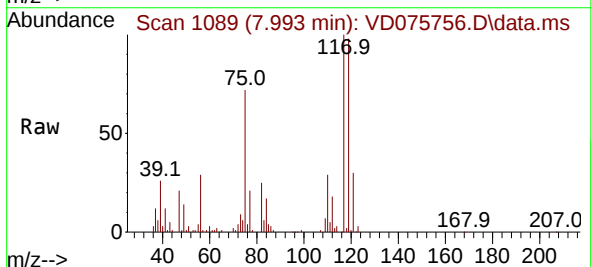
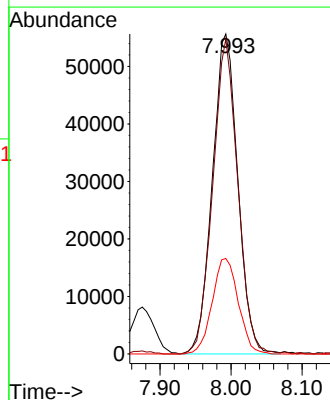
Delta R.T. -0.000 min

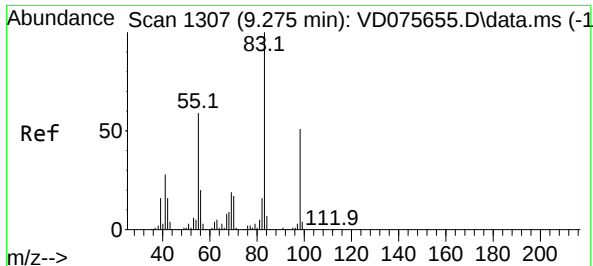
Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Tgt Ion:117 Resp: 138514

Ion	Ratio	Lower	Upper
117	100		
119	98.4	74.7	112.1
121	29.9	25.9	38.9





#39

Methylcyclohexane

Concen: 51.223 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

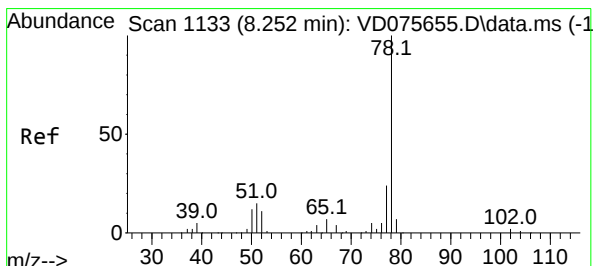
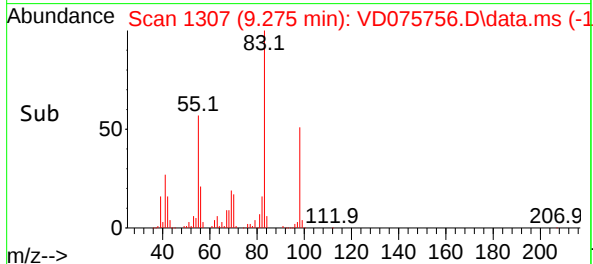
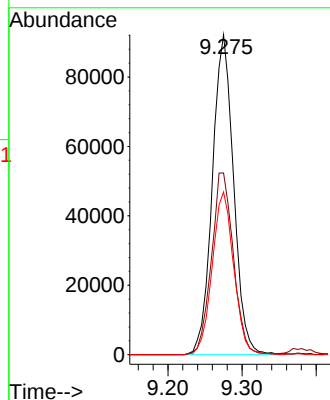
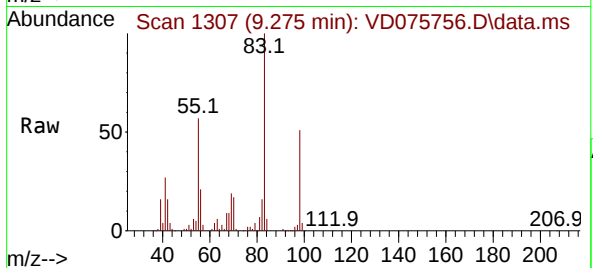
Tgt Ion: 83 Resp: 183550
 Ion Ratio Lower Upper
 83 100
 55 56.8 56.8 85.2
 98 50.8 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#40

Benzene

Concen: 51.243 ug/l

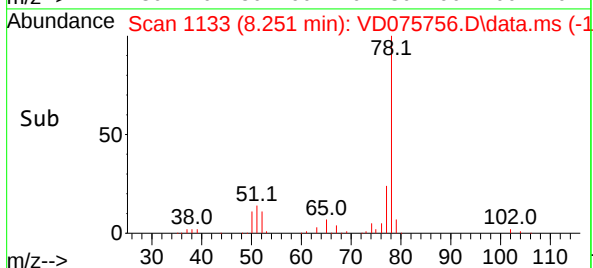
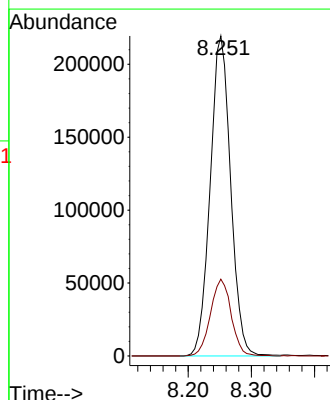
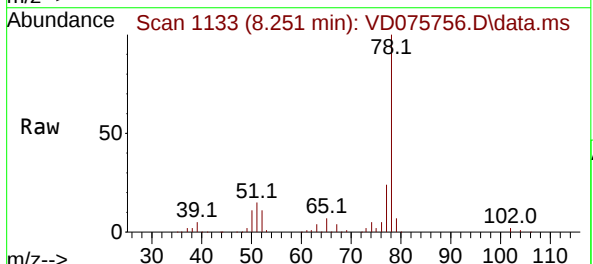
RT: 8.251 min Scan# 1133

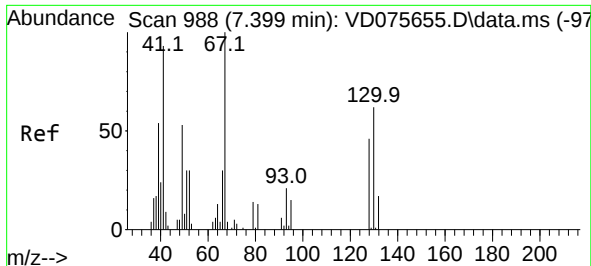
Delta R.T. -0.001 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

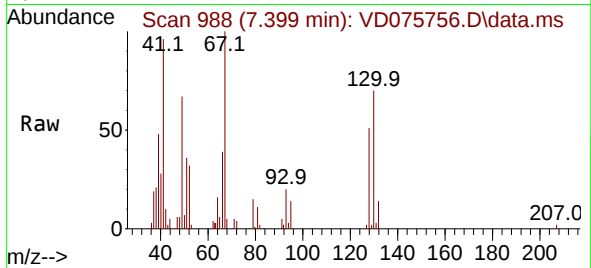
Tgt Ion: 78 Resp: 493641
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.1 28.7





#41
Methacrylonitrile
Concen: 51.771 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

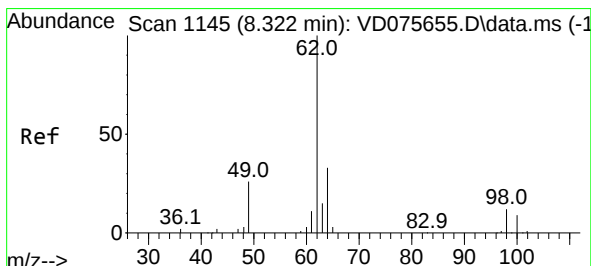
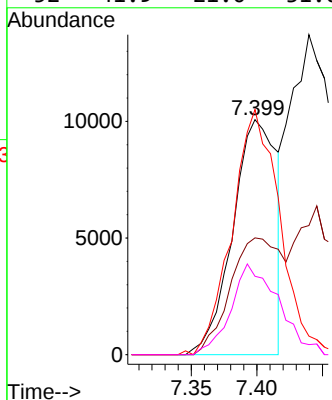
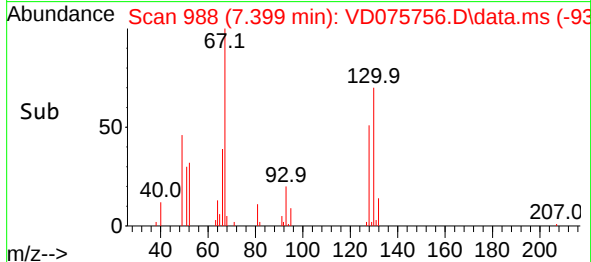
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 23429
Ion Ratio Lower Upper
41 100
39 59.2 45.3 67.9
67 113.8 50.5 75.7
52 41.9 21.0 31.6#

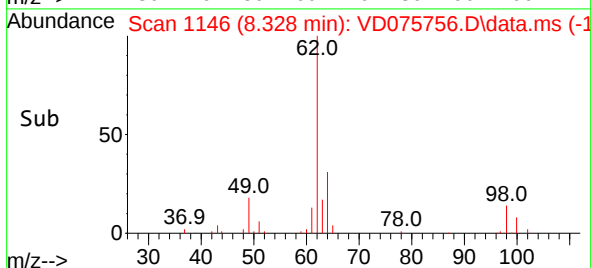
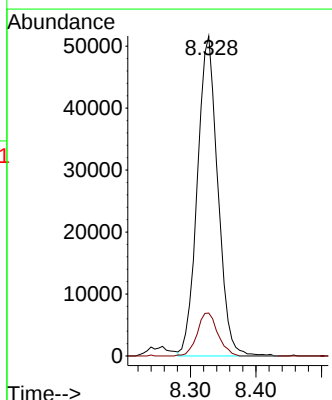
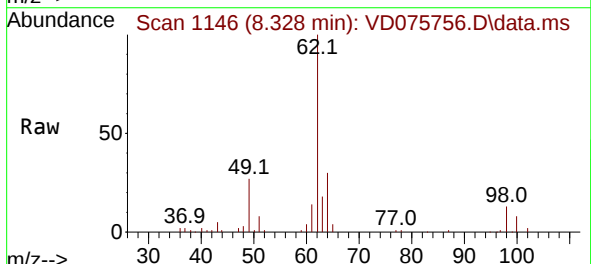
Manual Integrations
APPROVED

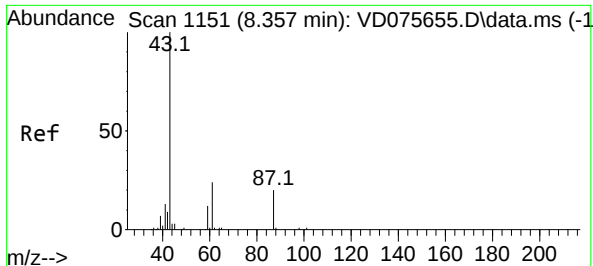
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#42
1,2-Dichloroethane
Concen: 51.231 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Tgt Ion: 62 Resp: 112099
Ion Ratio Lower Upper
62 100
98 13.6 0.0 18.8





#43

Isopropyl Acetate

Concen: 50.525 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

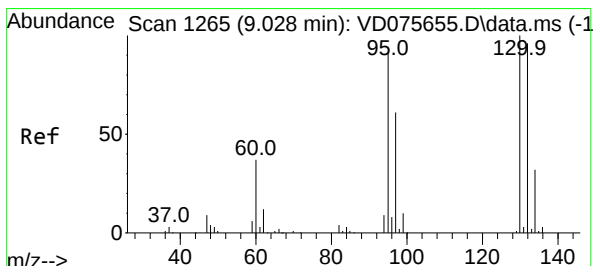
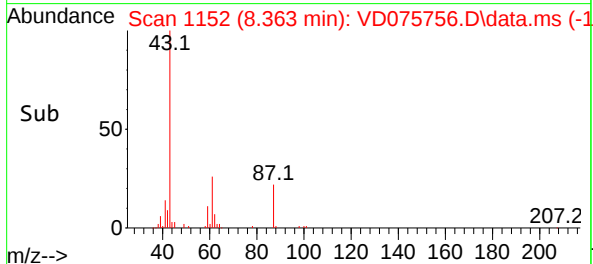
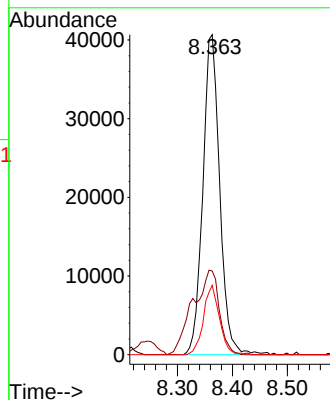
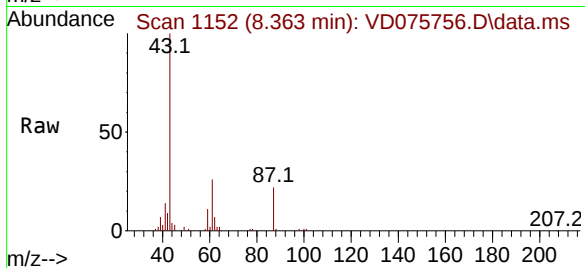
Tgt Ion: 43	Resp: 8688
Ion Ratio	Lower Upper
43 100	
61 41.1	23.4 35.0
87 20.4	9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#44

Trichloroethene

Concen: 49.685 ug/l

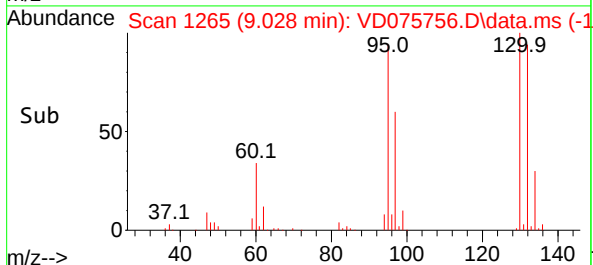
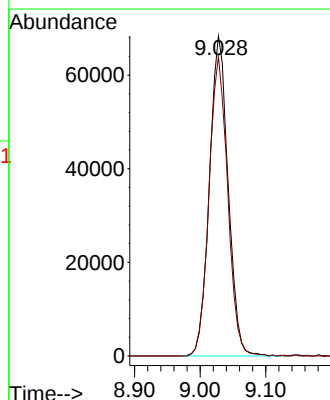
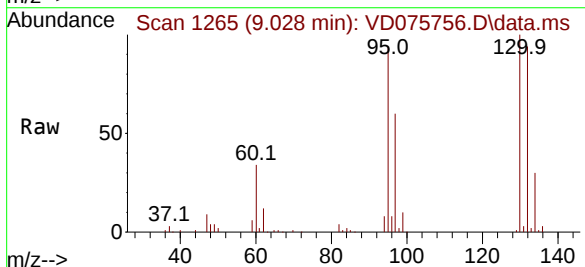
RT: 9.028 min Scan# 1265

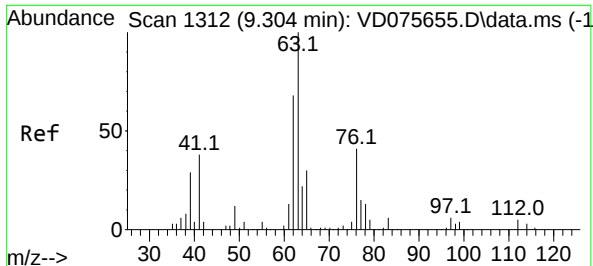
Delta R.T. -0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Tgt Ion:130	Resp: 135461
Ion Ratio	Lower Upper
130 100	
95 93.7	0.0 197.6





#45

1,2-Dichloropropane

Concen: 52.616 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11358

Ion Ratio Lower Upper

63 100

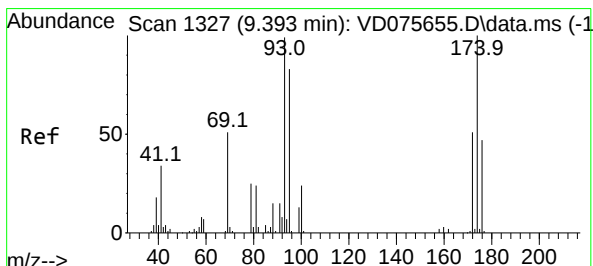
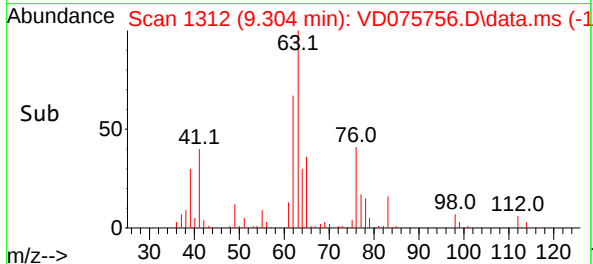
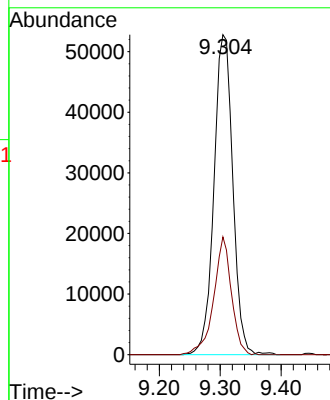
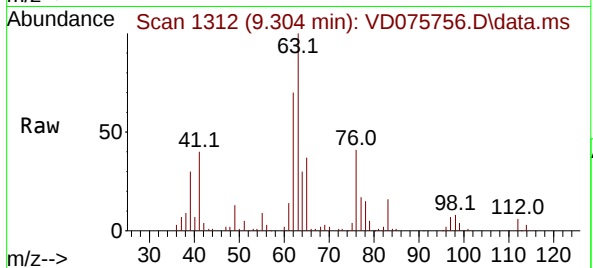
65 36.8 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

Dibromomethane

Concen: 49.642 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

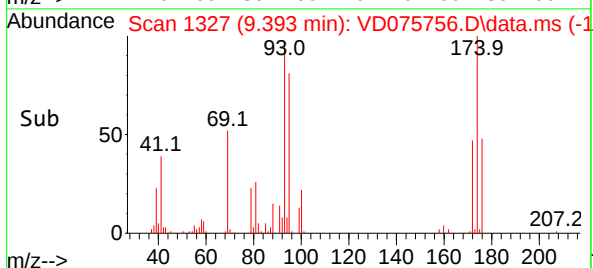
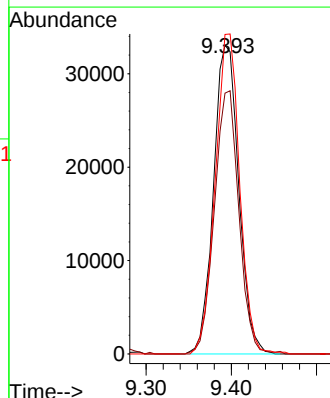
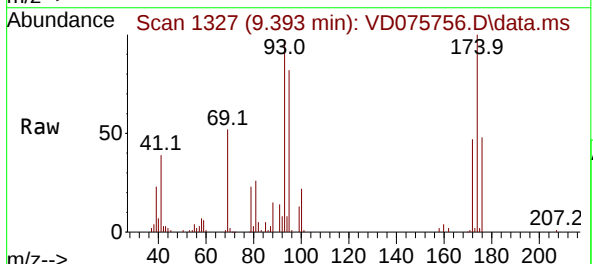
Tgt Ion: 93 Resp: 67987

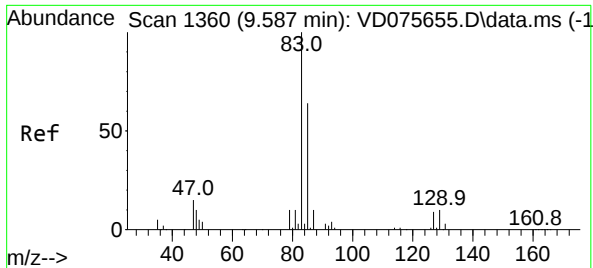
Ion Ratio Lower Upper

93 100

95 83.1 64.5 96.7

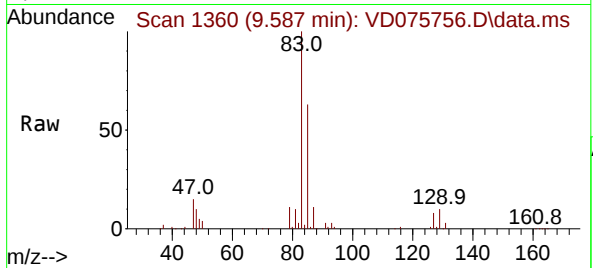
174 100.5 76.2 114.4





#47
Bromodichloromethane
Concen: 51.964 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

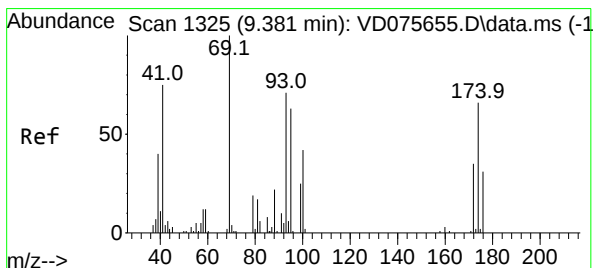
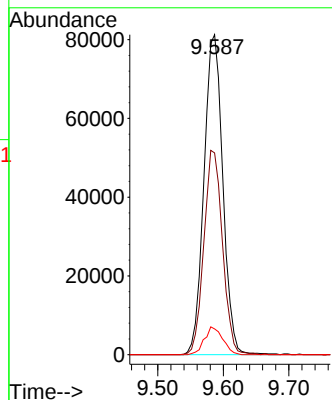
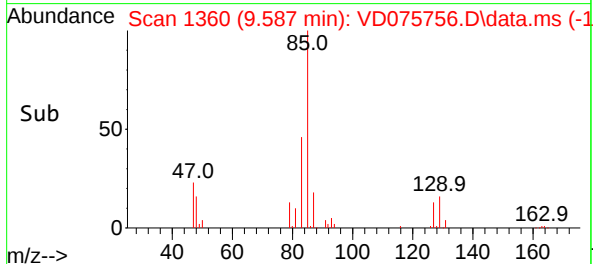
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 162790
Ion Ratio Lower Upper
83 100
85 63.0 53.7 80.5
127 8.1 7.0 10.6

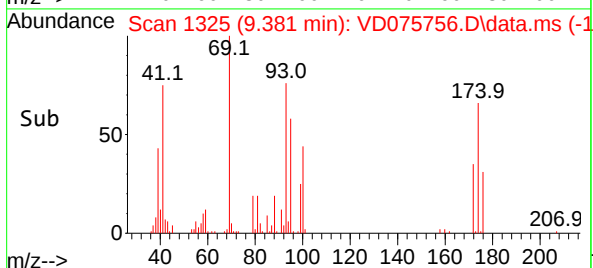
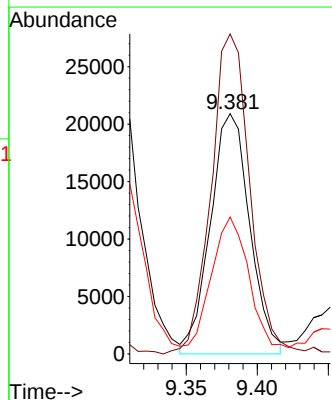
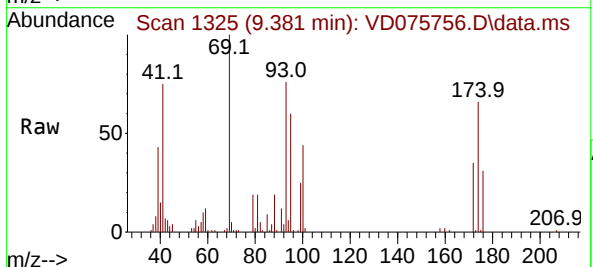
Manual Integrations
APPROVED

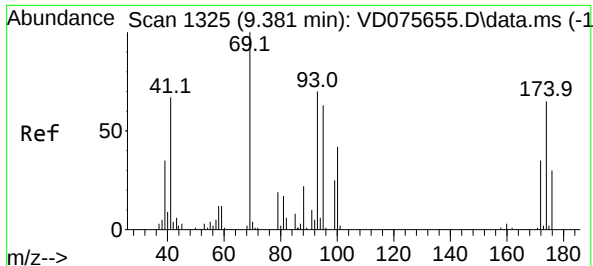
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#48
Methyl methacrylate
Concen: 52.545 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Tgt Ion: 41 Resp: 40258
Ion Ratio Lower Upper
41 100
69 131.1 58.6 88.0#
39 56.3 53.4 80.0





#49

1,4-Dioxane

Concen: 952.327 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 12940

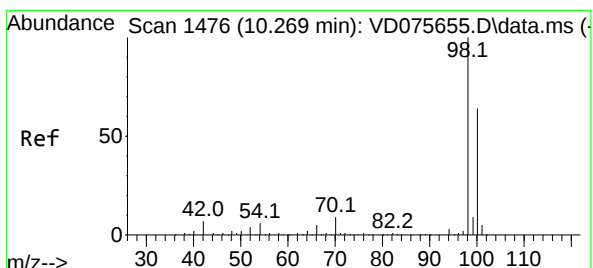
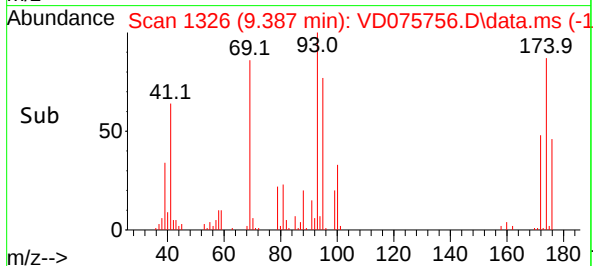
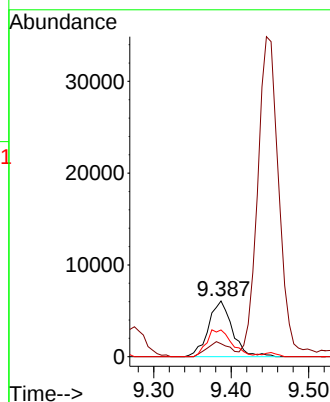
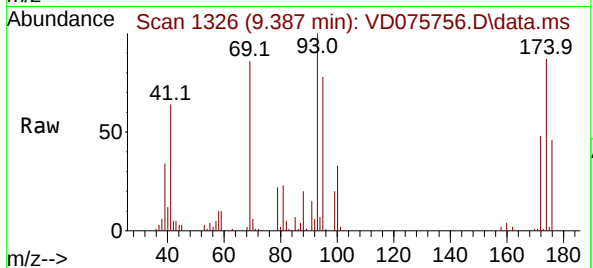
Ion	Ratio	Lower	Upper
88	100		
43	25.8	34.6	51.8
58	50.6	58.0	87.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#50

Toluene-d8

Concen: 50.081 ug/l

RT: 10.269 min Scan# 1476

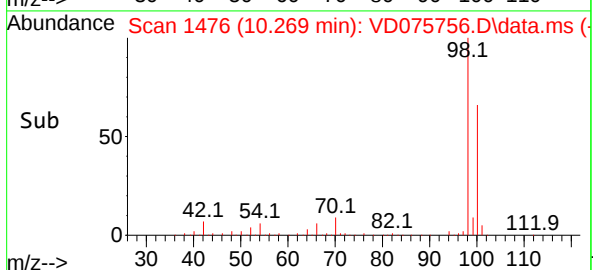
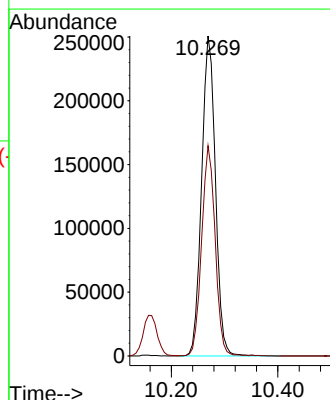
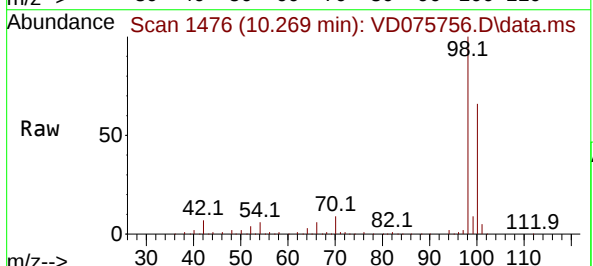
Delta R.T. 0.000 min

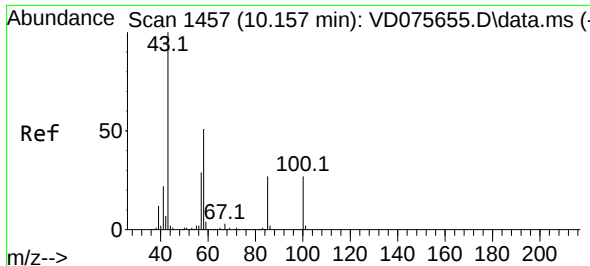
Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Tgt Ion: 98 Resp: 450485

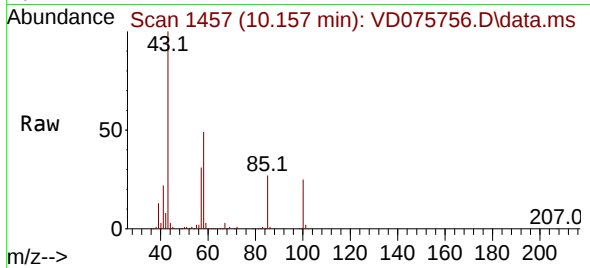
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 253.257 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

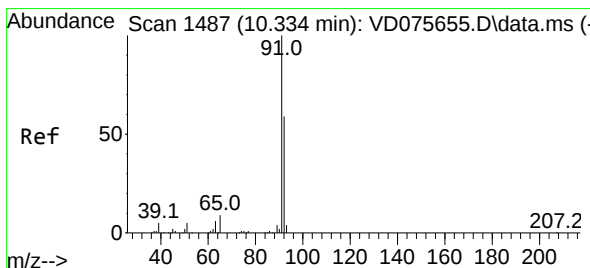
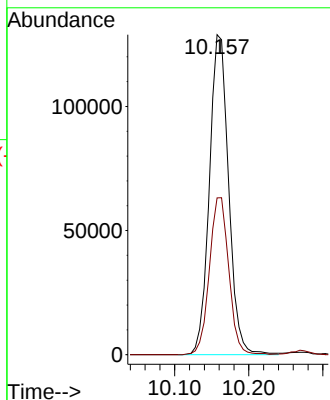
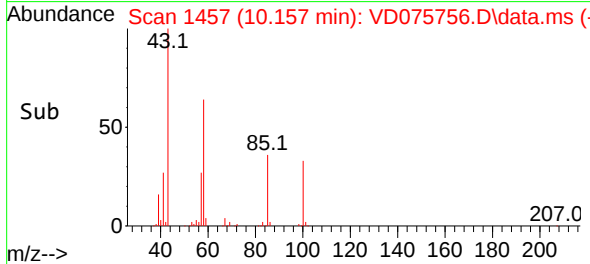
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 232208
Ion Ratio Lower Upper
43 100
58 49.5 29.5 44.3

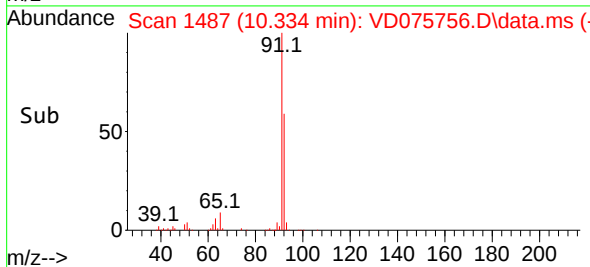
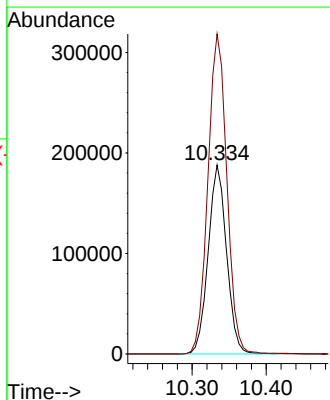
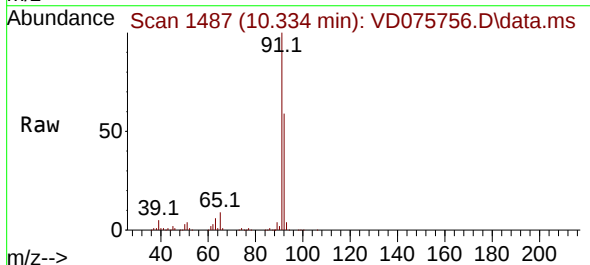
Manual Integrations
APPROVED

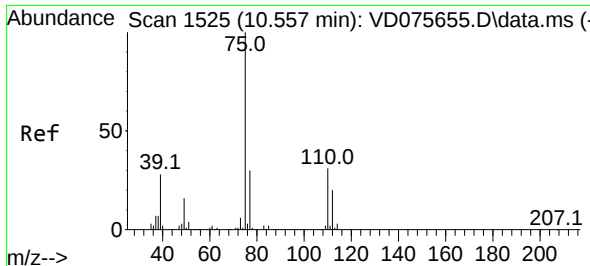
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#52
Toluene
Concen: 50.537 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

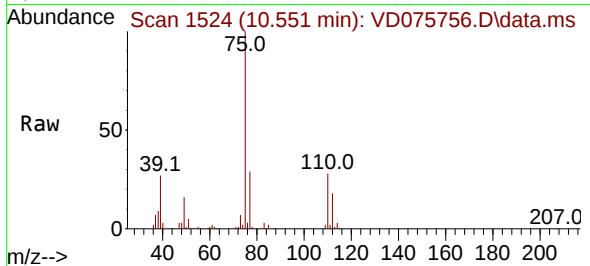
Tgt Ion: 92 Resp: 323725
Ion Ratio Lower Upper
92 100
91 174.6 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 49.585 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

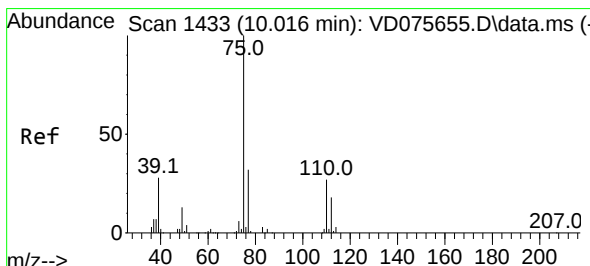
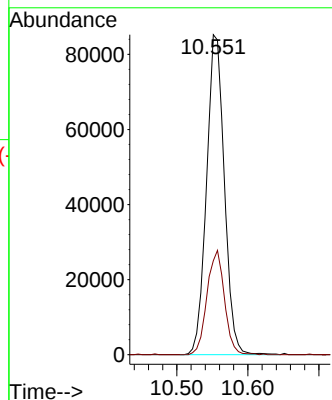
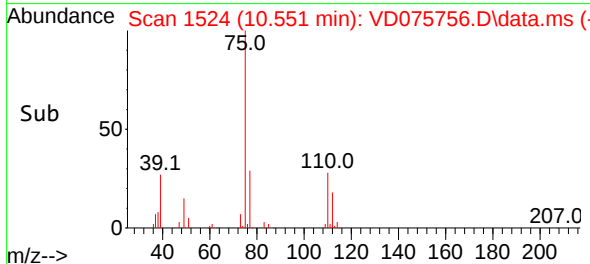
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 148908
Ion Ratio Lower Upper
75 100
77 29.3 26.3 39.5

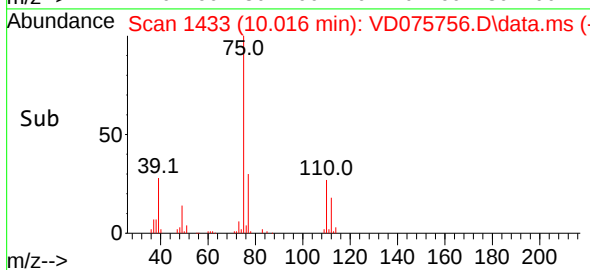
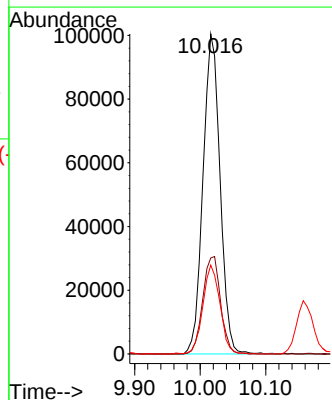
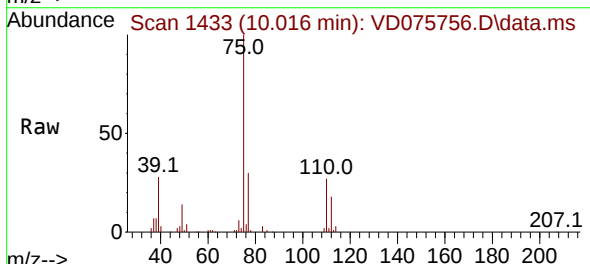
Manual Integrations
APPROVED

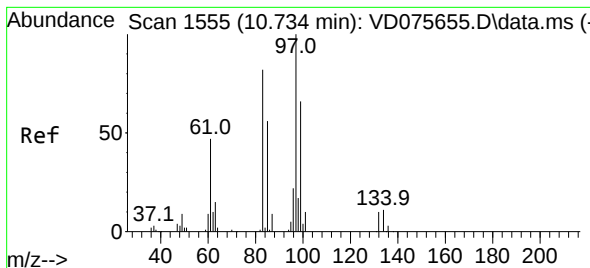
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#54
cis-1,3-Dichloropropene
Concen: 51.031 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

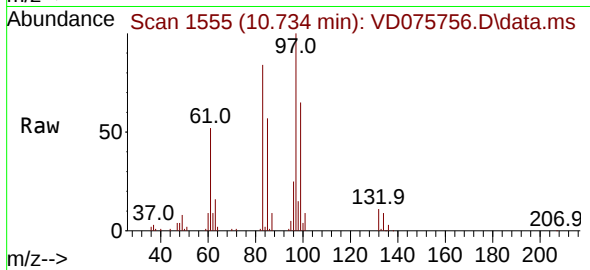
Tgt Ion: 75 Resp: 182086
Ion Ratio Lower Upper
75 100
77 30.0 25.6 38.4
39 27.8 44.8 67.2#





#55
1,1,2-Trichloroethane
Concen: 49.784 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

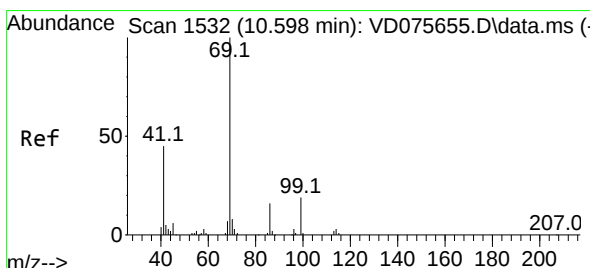
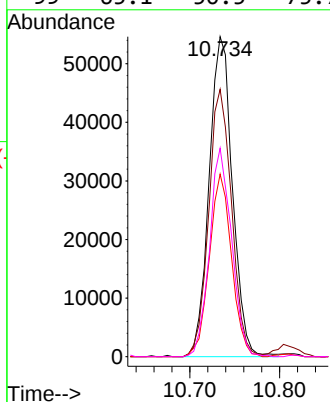
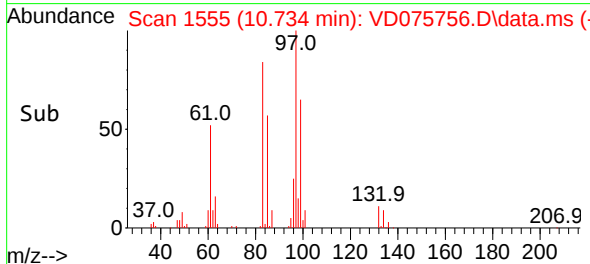
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



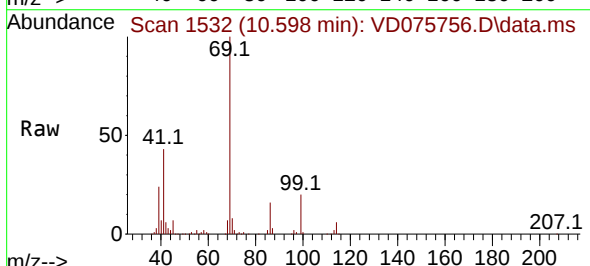
Tgt Ion:	97	Resp:	98719
Ion Ratio	100	Lower	Upper
97	100		
83	83.6	74.2	111.4
85	57.0	45.4	68.0
99	65.1	50.5	75.7

Manual Integrations
APPROVED

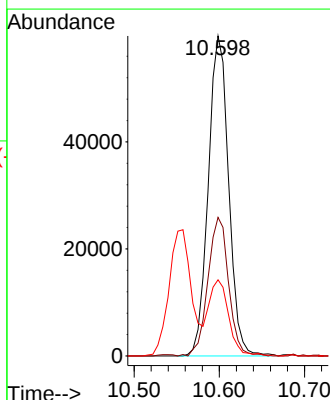
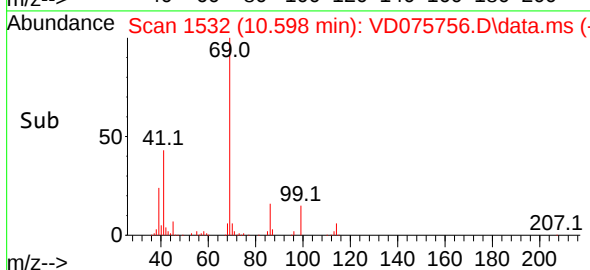
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

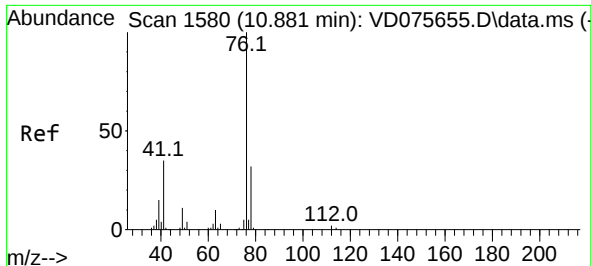


#56
Ethyl methacrylate
Concen: 50.971 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42



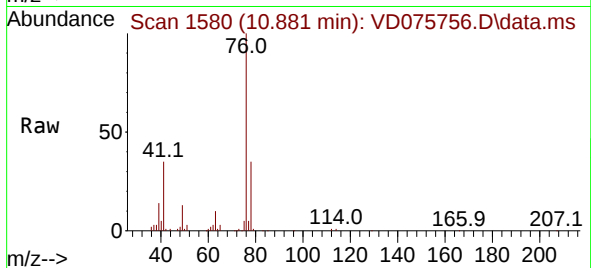
Tgt Ion:	69	Resp:	99470
Ion Ratio	100	Lower	Upper
69	100		
41	44.0	59.3	88.9#
39	23.0	36.0	54.0#





#57
1,3-Dichloropropane
Concen: 50.401 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

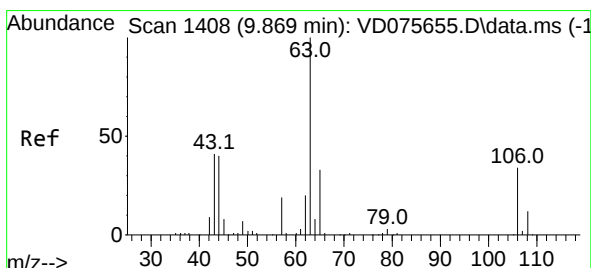
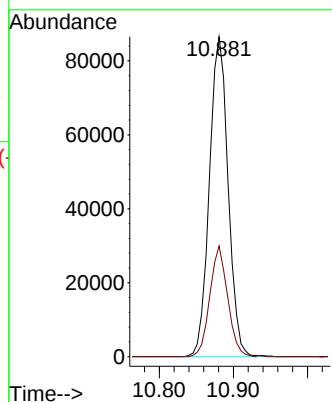
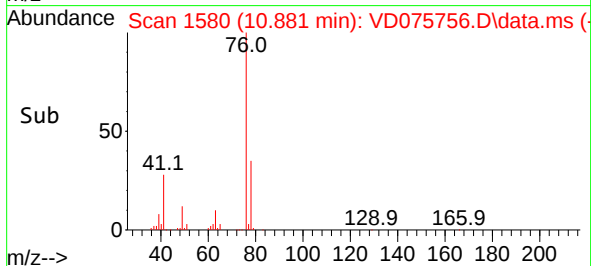
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 151730
Ion Ratio Lower Upper
76 100
78 32.9 25.6 38.4

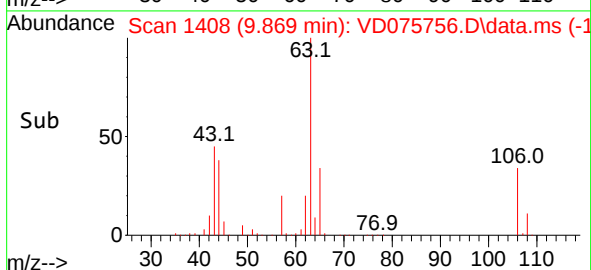
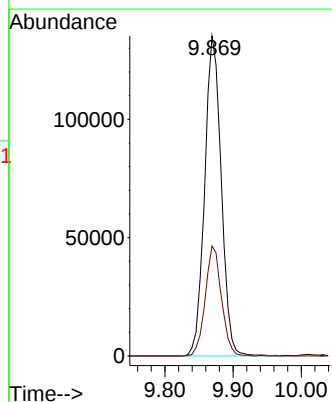
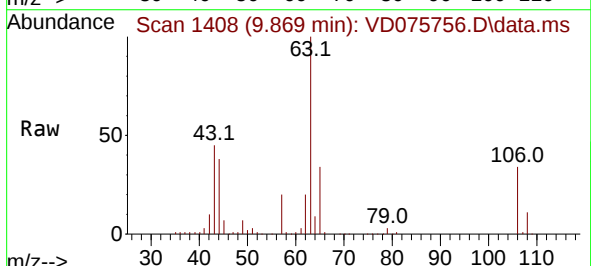
Manual Integrations
APPROVED

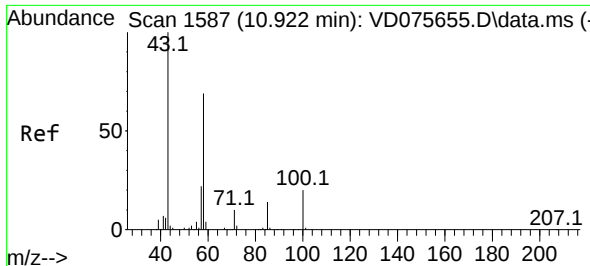
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 273.270 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

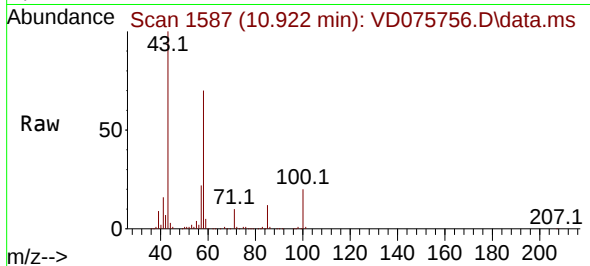
Tgt Ion: 63 Resp: 229026
Ion Ratio Lower Upper
63 100
106 33.5 21.4 32.2





#59
2-Hexanone
Concen: 252.745 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

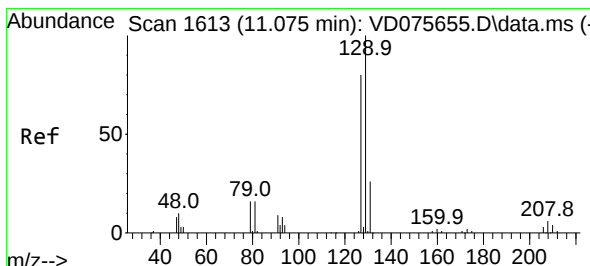
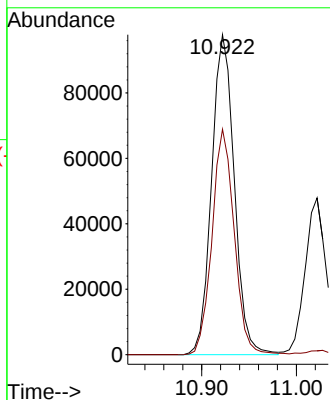
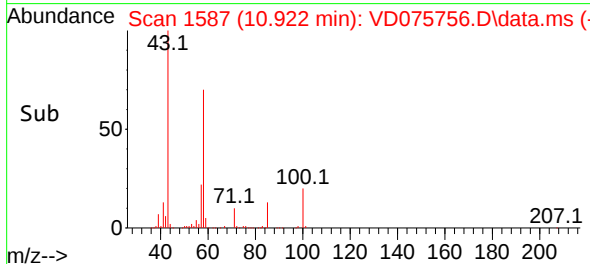
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 162940
Ion Ratio Lower Upper
43 100
58 69.1 25.3 75.8

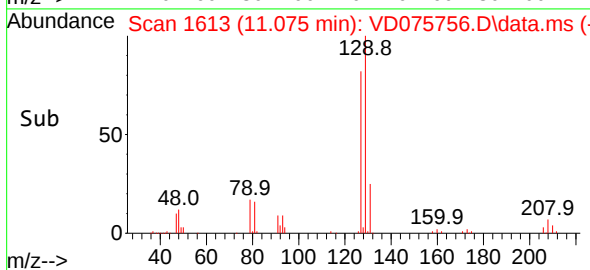
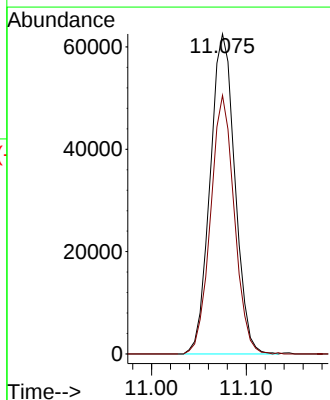
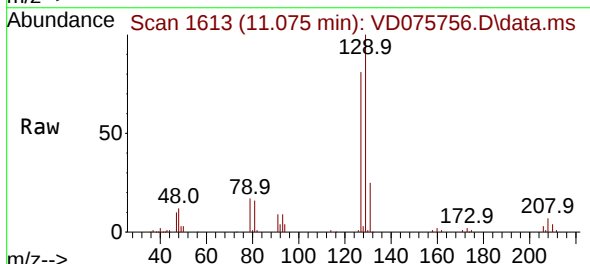
Manual Integrations
APPROVED

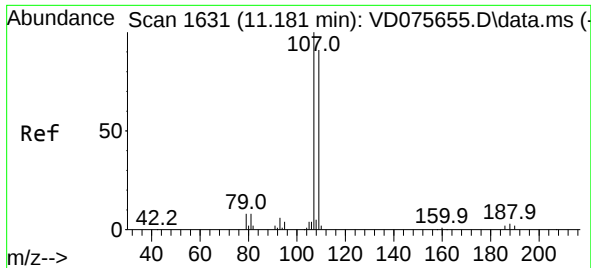
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#60
Dibromochloromethane
Concen: 49.019 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

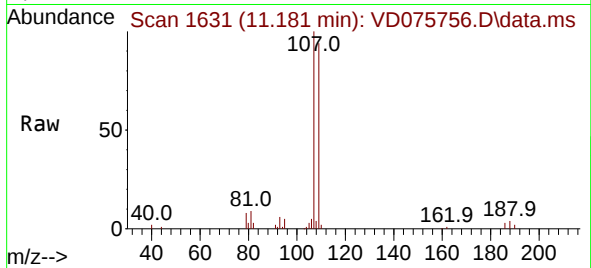
Tgt Ion:129 Resp: 113742
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5





#61
1,2-Dibromoethane
Concen: 51.088 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

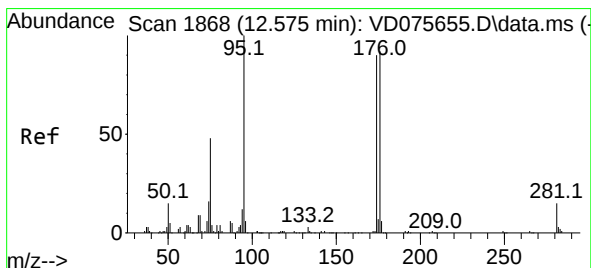
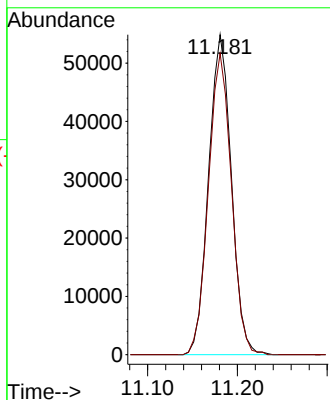
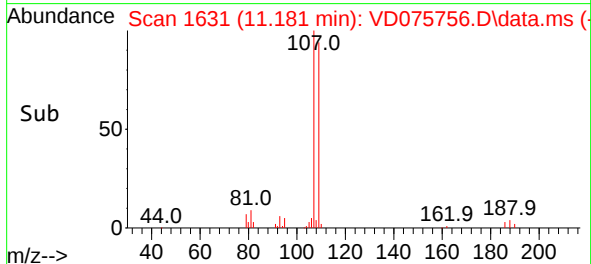
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



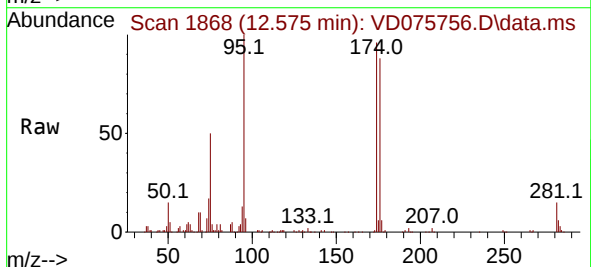
Tgt Ion:107 Resp: 96638
Ion Ratio Lower Upper
107 100
109 95.2 73.6 110.4

Manual Integrations
APPROVED

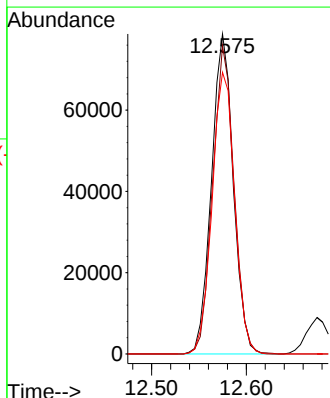
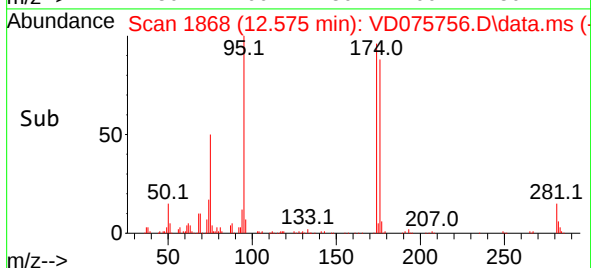
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

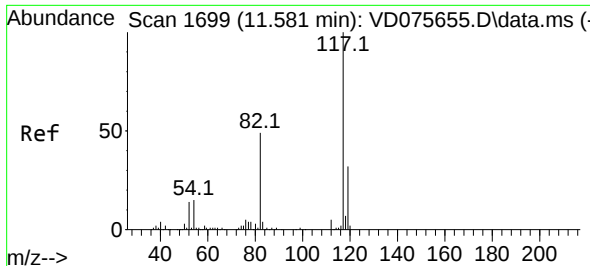


#62
4-Bromofluorobenzene
Concen: 52.576 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42



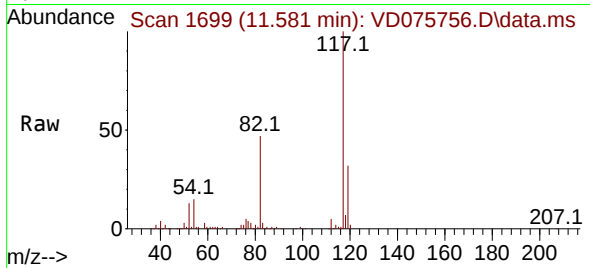
Tgt Ion: 95 Resp: 125703
Ion Ratio Lower Upper
95 100
174 94.8 0.0 164.0
176 91.1 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

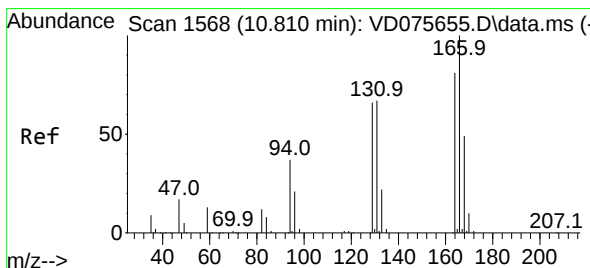
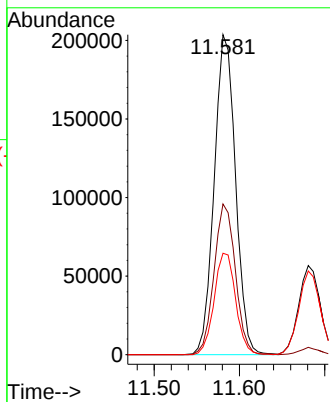
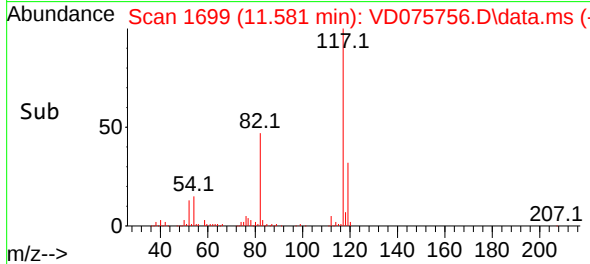
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



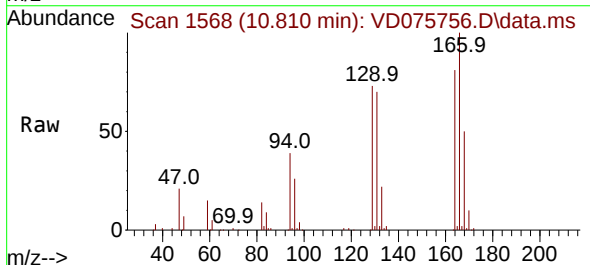
Tgt Ion:117 Resp: 353509
Ion Ratio Lower Upper
117 100
82 47.1 44.0 66.0
119 31.7 25.1 37.7

Manual Integrations
APPROVED

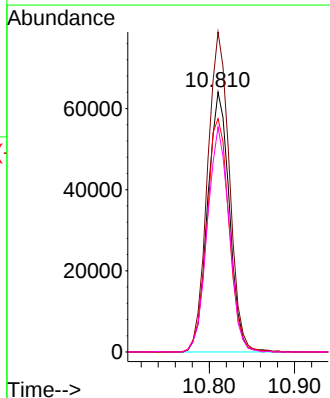
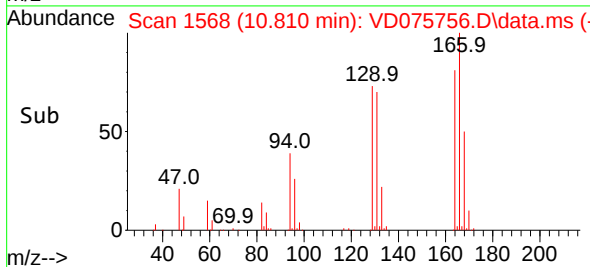
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

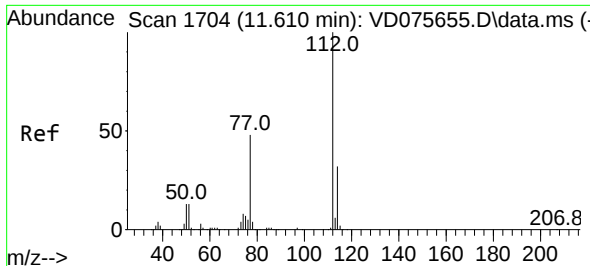


#64
Tetrachloroethene
Concen: 44.533 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42



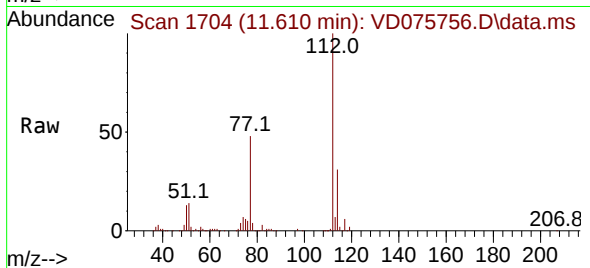
Tgt Ion:164 Resp: 113378
Ion Ratio Lower Upper
164 100
166 123.2 94.9 142.3
129 89.8 73.0 109.6
131 86.6 69.2 103.8





#65
Chlorobenzene
Concen: 50.704 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

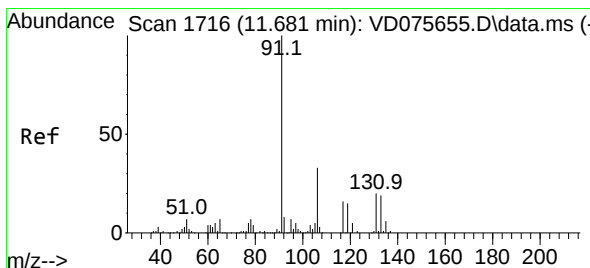
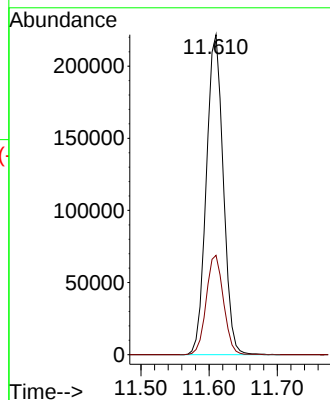
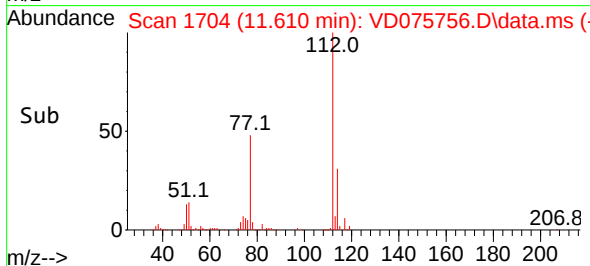
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 38392
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8

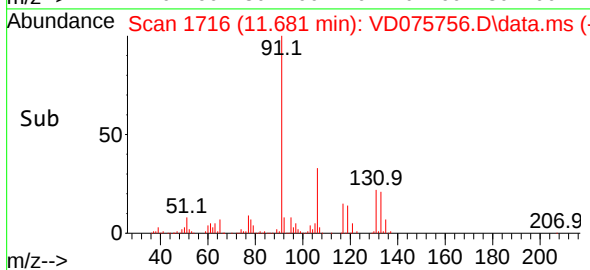
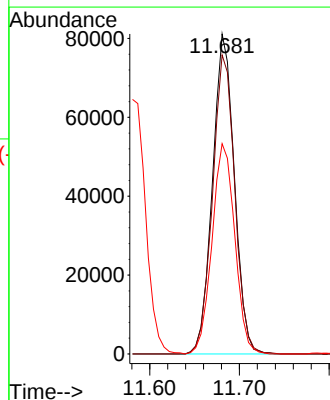
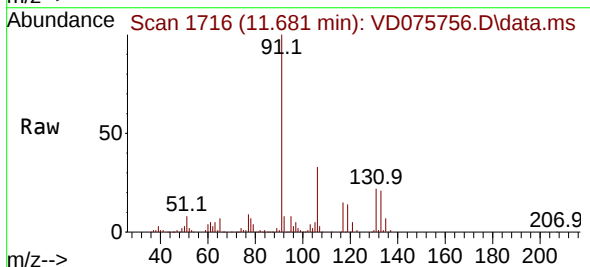
Manual Integrations
APPROVED

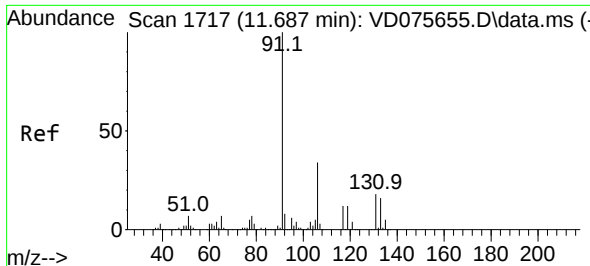
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.705 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

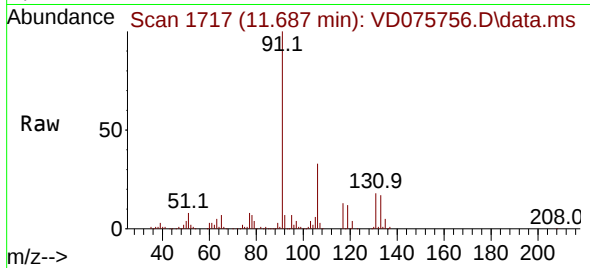
Tgt Ion:131 Resp: 137192
Ion Ratio Lower Upper
131 100
133 95.3 46.7 140.0
119 68.3 31.9 95.9





#67
Ethyl Benzene
Concen: 53.354 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

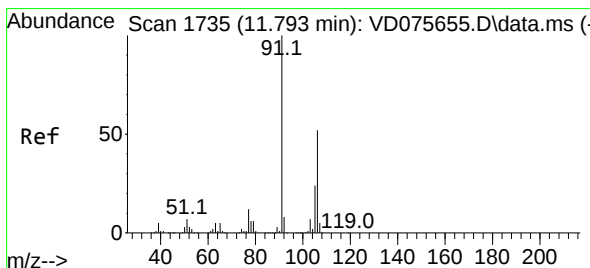
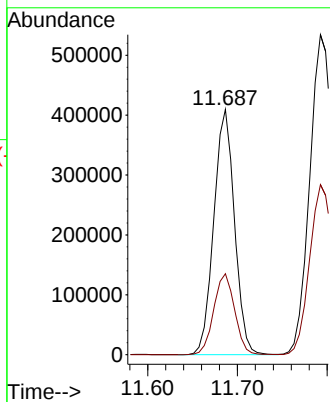
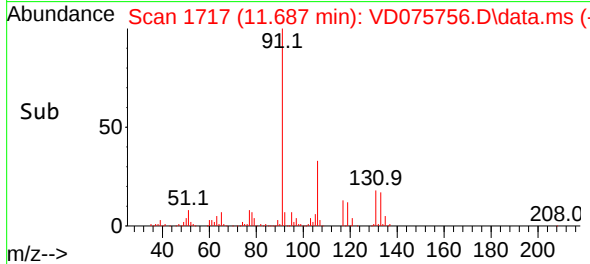
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 655630
Ion Ratio Lower Upper
91 100
106 33.0 24.5 36.7

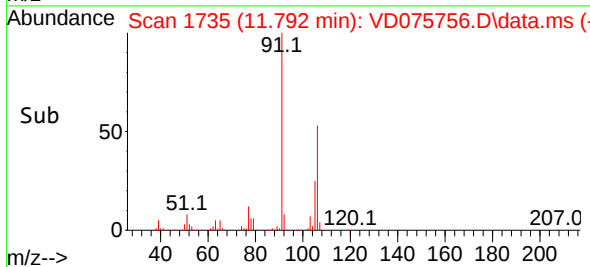
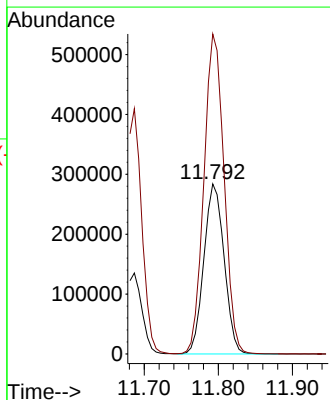
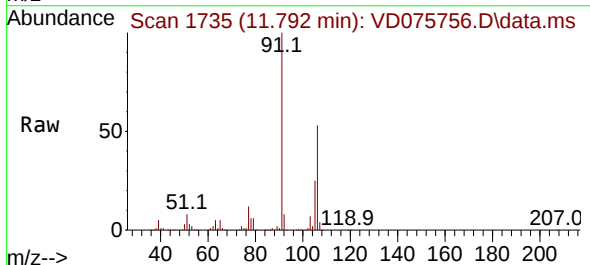
Manual Integrations
APPROVED

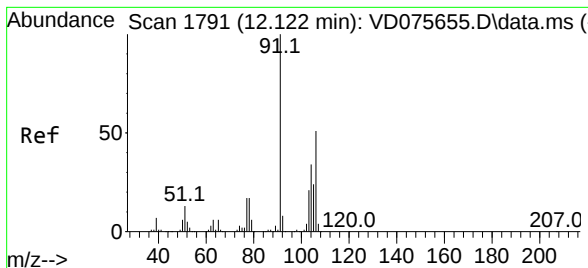
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#68
m/p-Xylenes
Concen: 106.988 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

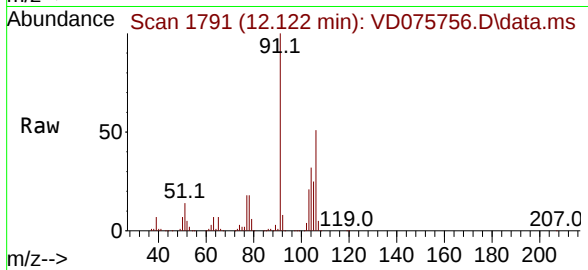
Tgt Ion:106 Resp: 538798
Ion Ratio Lower Upper
106 100
91 187.2 161.5 242.3





#69
o-Xylene
Concen: 51.258 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

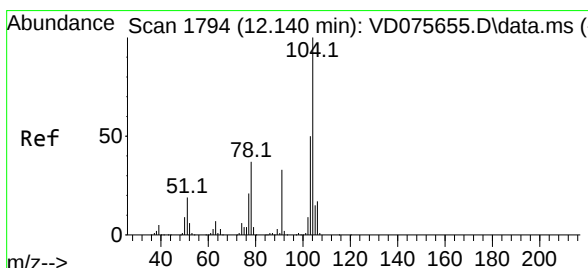
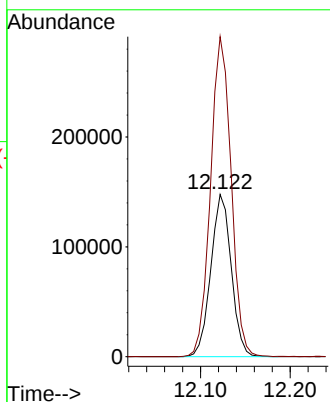
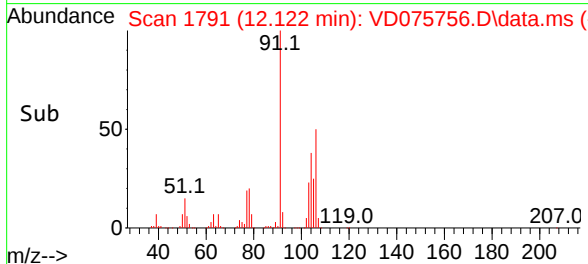
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 233418
Ion Ratio Lower Upper
106 100
91 199.0 105.7 317.1

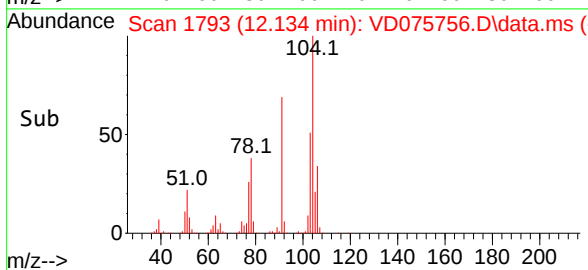
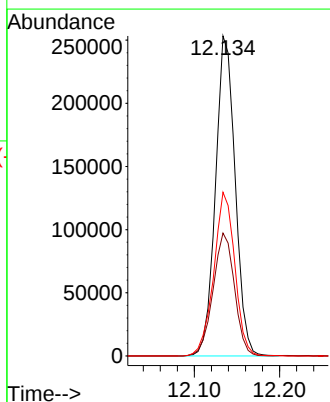
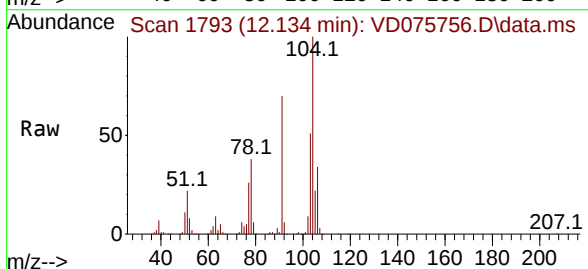
Manual Integrations
APPROVED

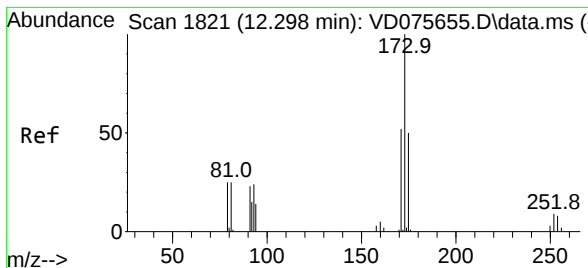
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#70
Styrene
Concen: 48.685 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

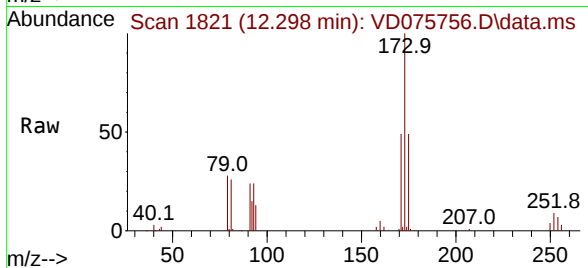
Tgt Ion:104 Resp: 407069
Ion Ratio Lower Upper
104 100
78 41.9 40.2 60.4
103 54.7 44.2 66.2





#71
Bromoform
Concen: 48.000 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

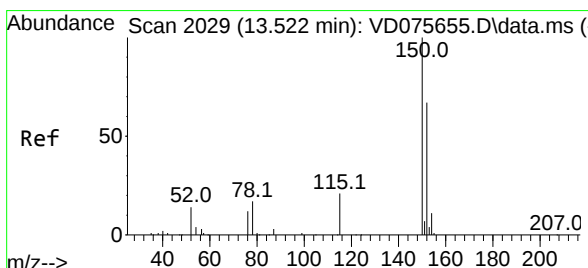
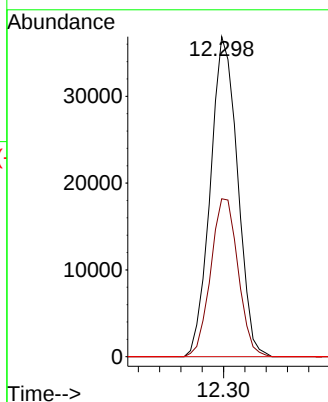
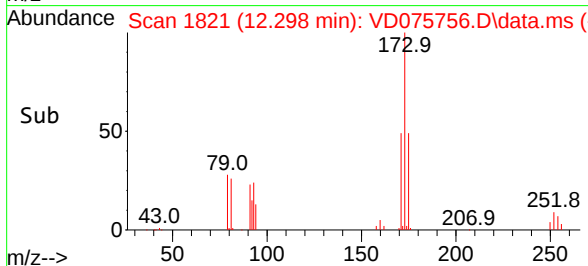
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



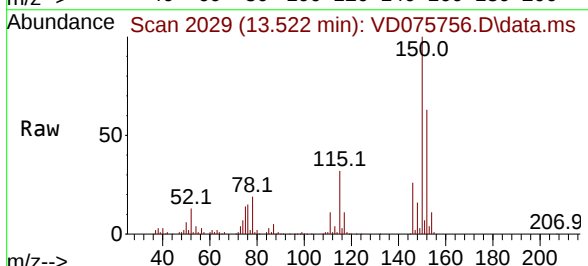
Tgt Ion:173 Resp: 65315
Ion Ratio Lower Upper
173 100
175 49.7 23.5 70.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

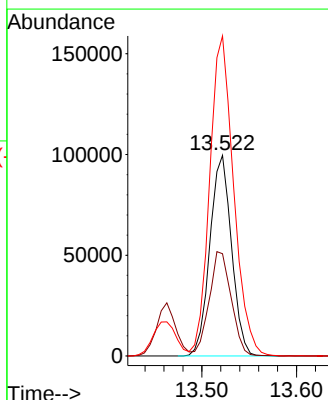
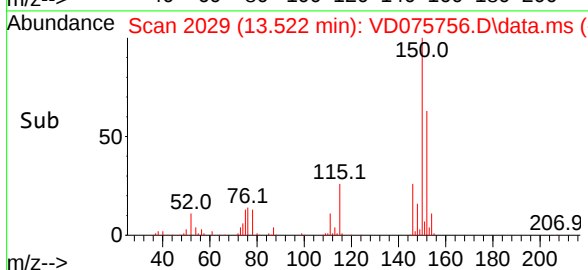
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

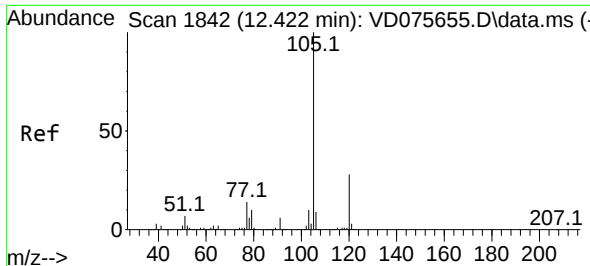


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42



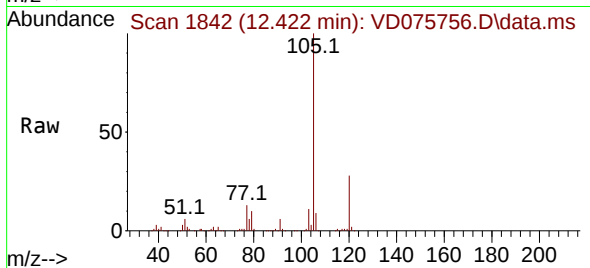
Tgt Ion:152 Resp: 158392
Ion Ratio Lower Upper
152 100
115 53.1 30.1 90.3
150 176.2 0.0 364.8





#73
Isopropylbenzene
Concen: 53.692 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

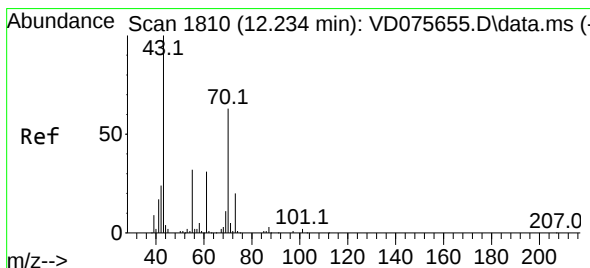
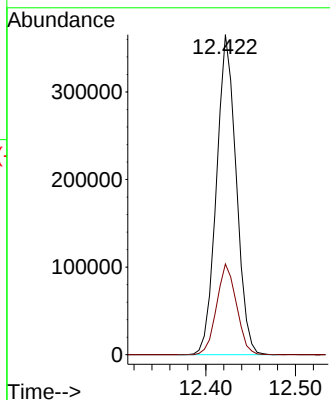
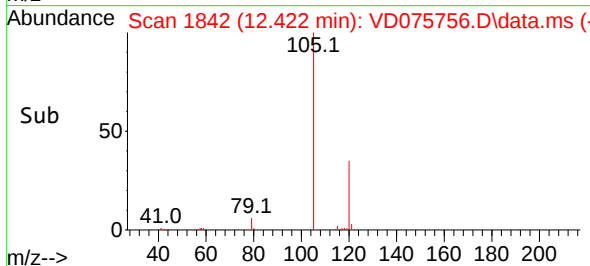
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 558139
Ion Ratio Lower Upper
105 100
120 28.5 13.4 40.1

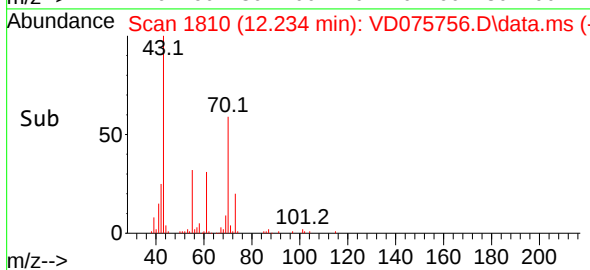
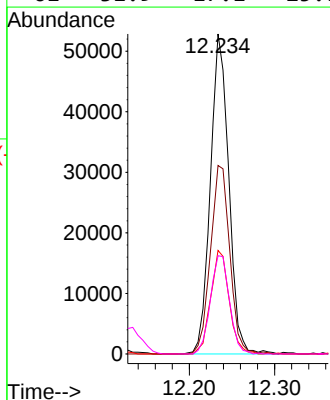
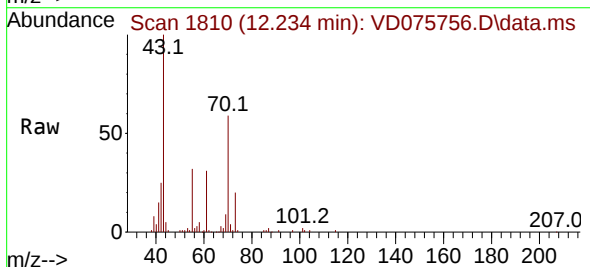
Manual Integrations
APPROVED

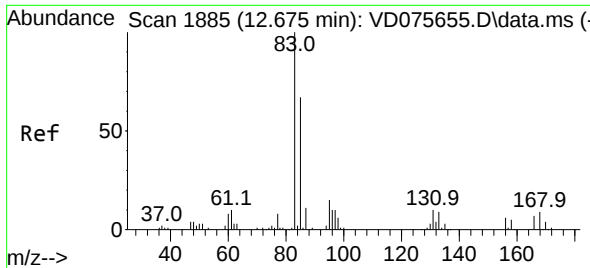
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#74
N-ethyl acetate
Concen: 51.829 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

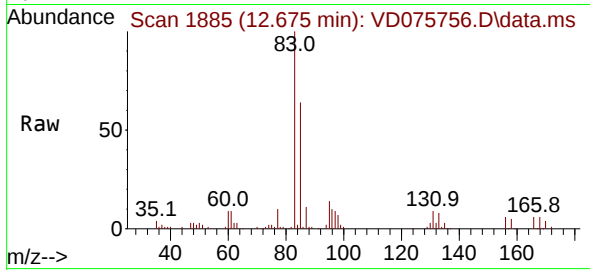
Tgt Ion: 43 Resp: 79170
Ion Ratio Lower Upper
43 100
70 62.0 31.0 46.4#
55 32.4 18.6 28.0#
61 31.9 17.1 25.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 51.966 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

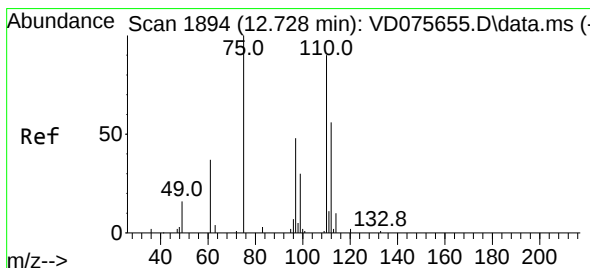
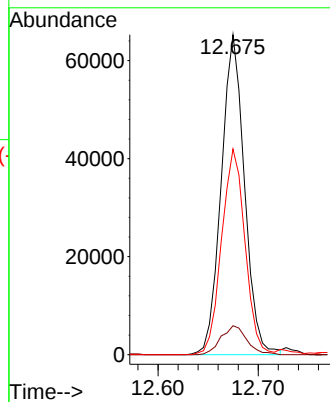
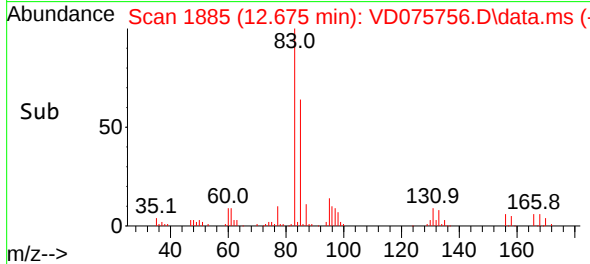
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 10493
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 64.7 33.6 100.6

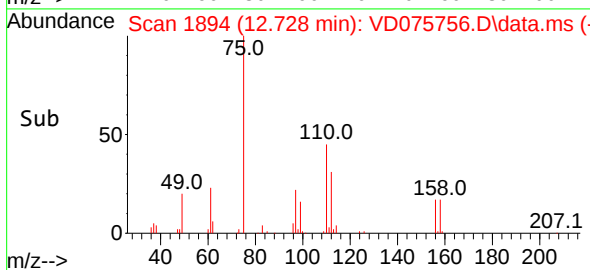
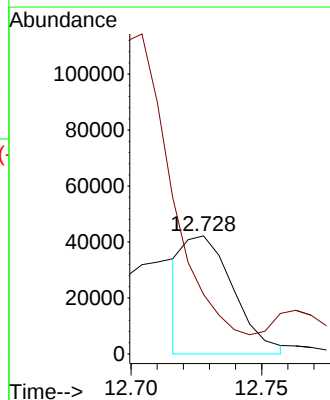
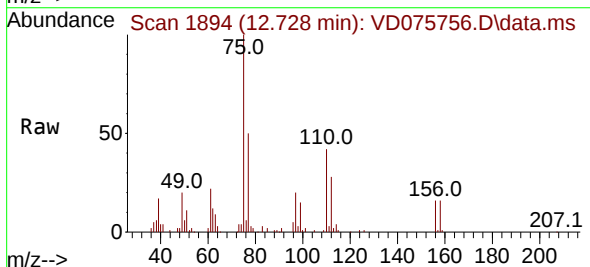
Manual Integrations
APPROVED

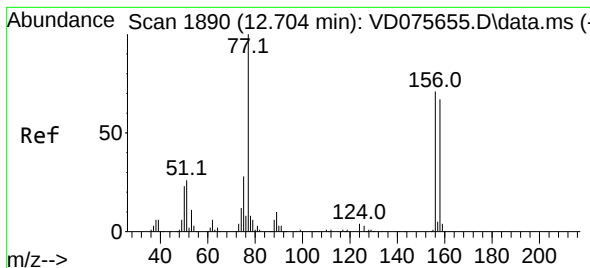
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#76
1,2,3-Trichloropropane
Concen: 43.564 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Tgt Ion: 75 Resp: 56270
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.192 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

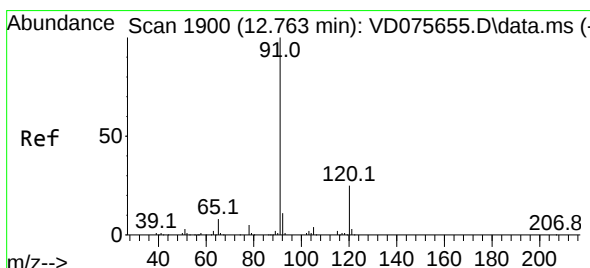
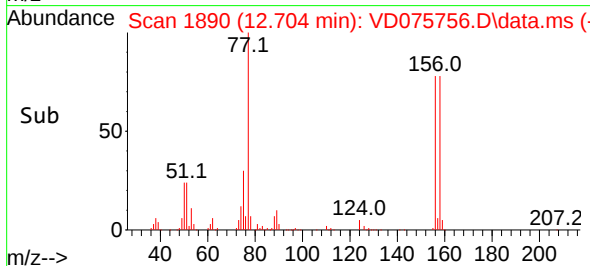
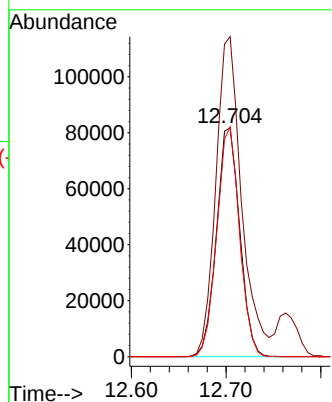
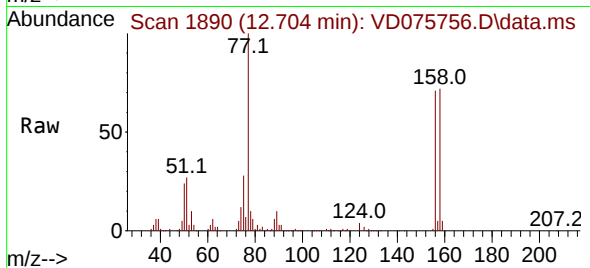
Tgt Ion:	156	Resp:	139872
Ion Ratio	Lower	Upper	
156	100		
77	154.6	89.5	268.6
158	97.4	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#78

n-propylbenzene

Concen: 53.290 ug/l

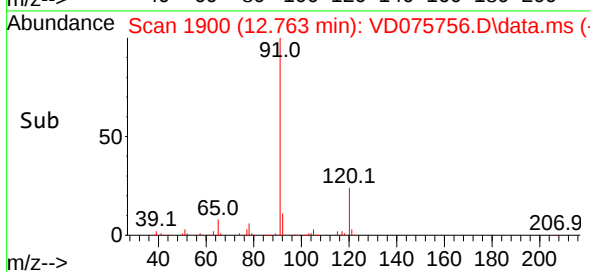
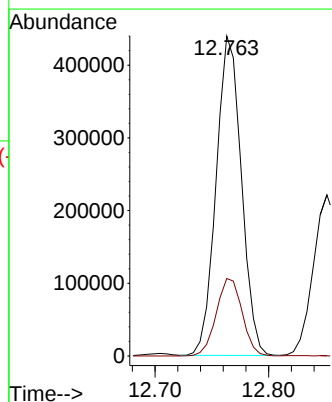
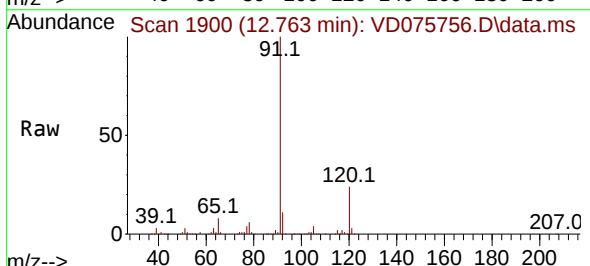
RT: 12.763 min Scan# 1900

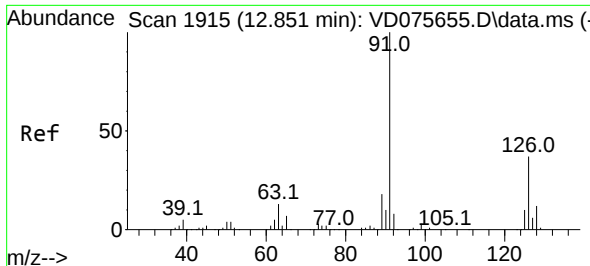
Delta R.T. -0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Tgt Ion:	91	Resp:	679035
Ion Ratio	Lower	Upper	
91	100		
120	24.8	11.4	34.2





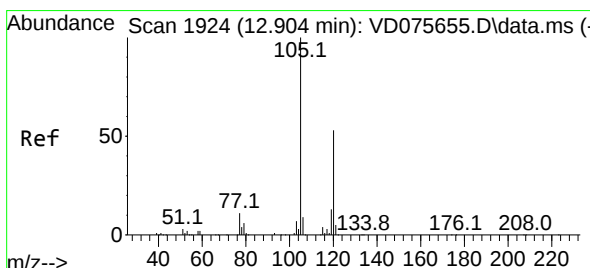
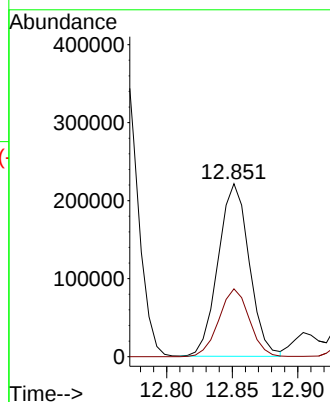
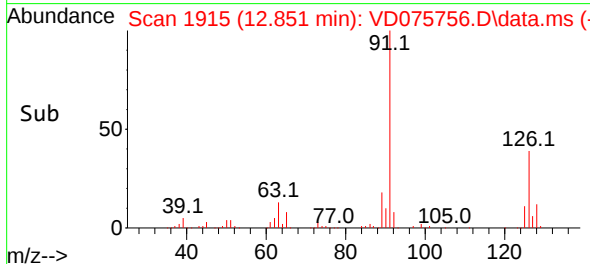
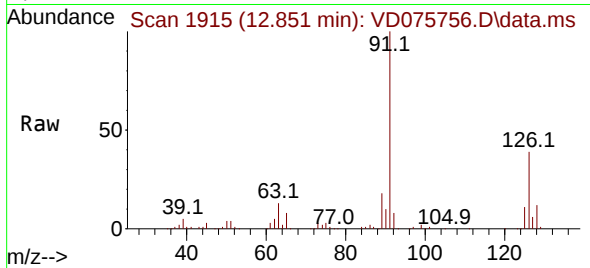
#79
2-Chlorotoluene
Concen: 50.558 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 365390
Ion Ratio Lower Upper
91 100
126 38.5 16.8 50.3

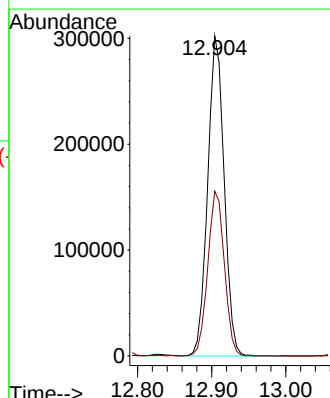
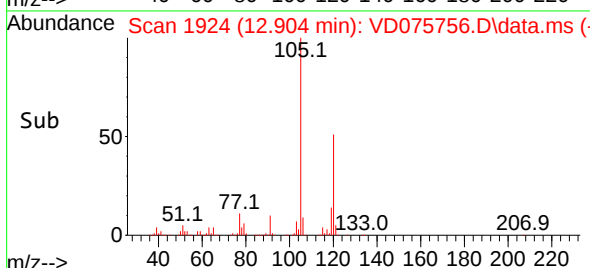
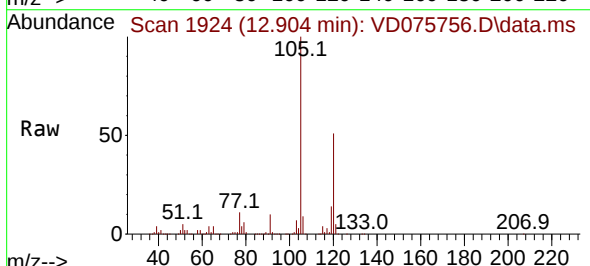
Manual Integrations
APPROVED

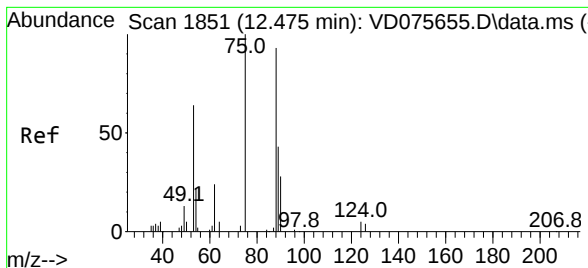
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.802 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Tgt Ion:105 Resp: 466252
Ion Ratio Lower Upper
105 100
120 52.0 24.3 72.8





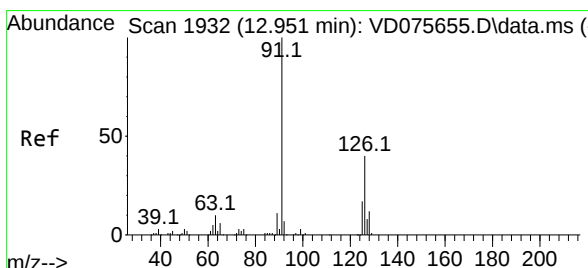
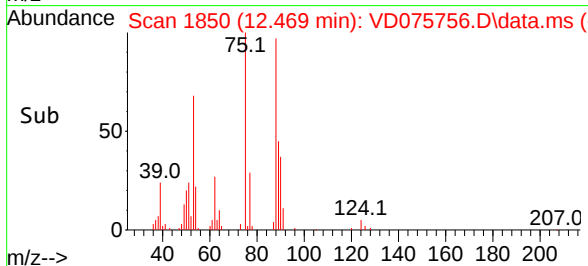
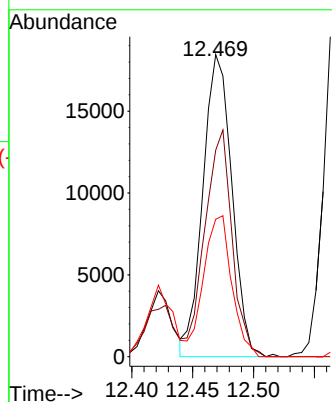
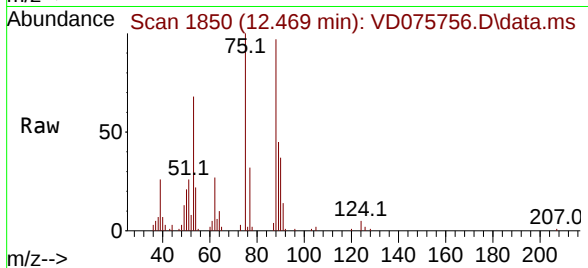
#81
trans-1,4-Dichloro-2-butene
Concen: 51.207 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3051
Ion Ratio Lower Upper
75 100
53 70.8 90.5 135.7
89 45.1 40.2 60.4

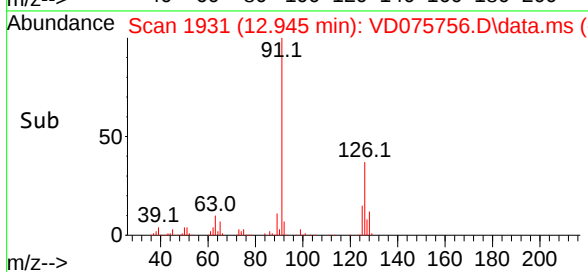
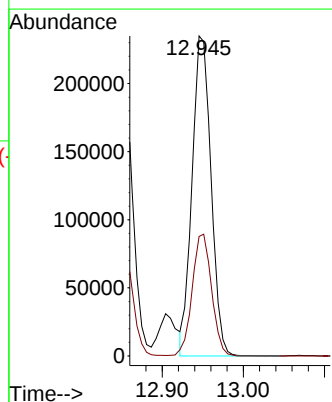
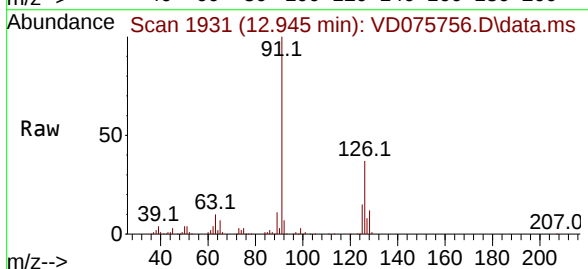
Manual Integrations
APPROVED

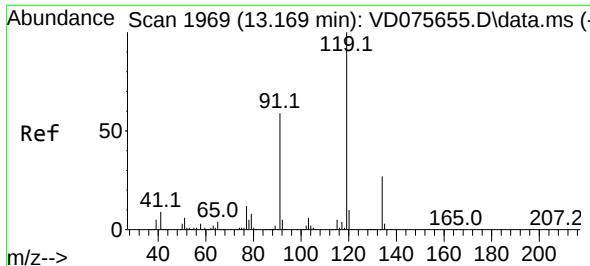
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#82
4-Chlorotoluene
Concen: 50.821 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

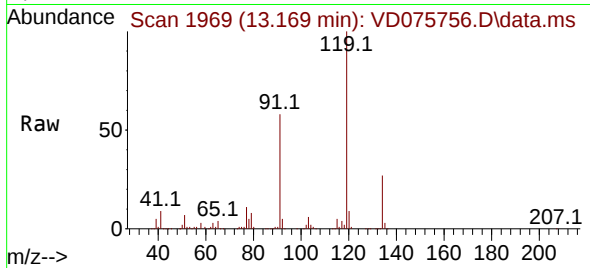
Tgt Ion: 91 Resp: 381911
Ion Ratio Lower Upper
91 100
126 39.0 17.1 51.2





#83
tert-Butylbenzene
Concen: 54.273 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

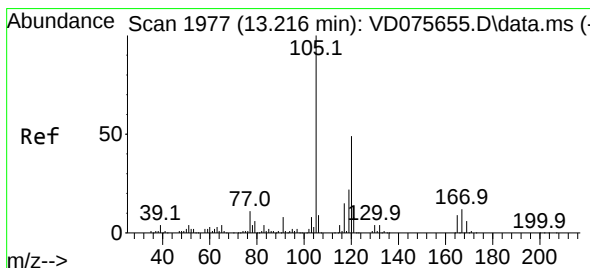
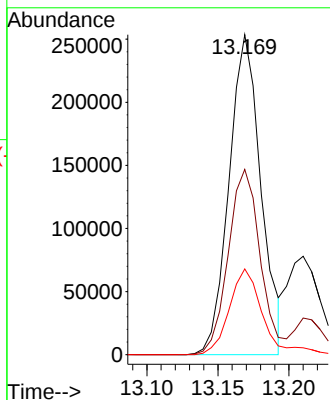
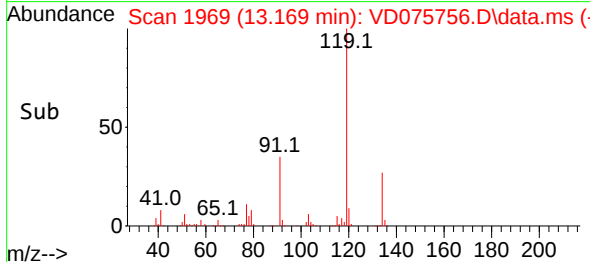
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 396572
Ion Ratio Lower Upper
119 100
91 58.5 32.4 97.0
134 28.1 13.0 39.0

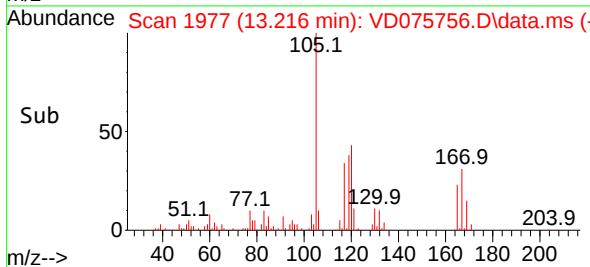
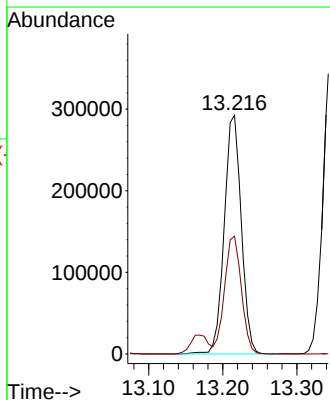
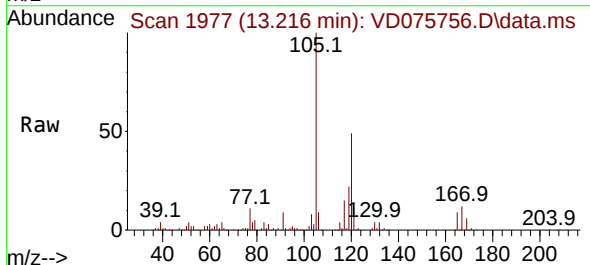
Manual Integrations
APPROVED

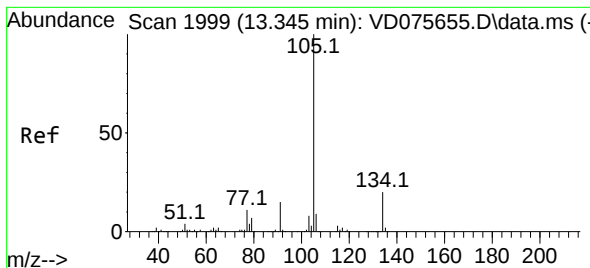
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.712 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Tgt Ion:105 Resp: 467065
Ion Ratio Lower Upper
105 100
120 48.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.801 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 606479

Ion Ratio Lower Upper

105 100

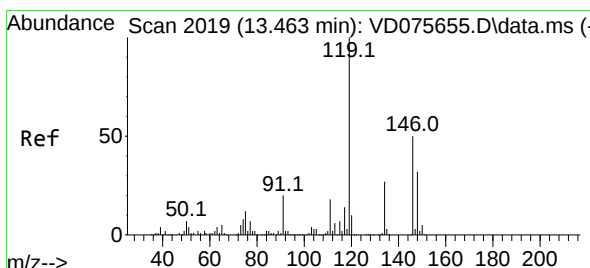
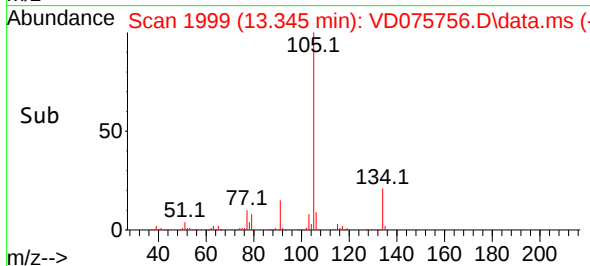
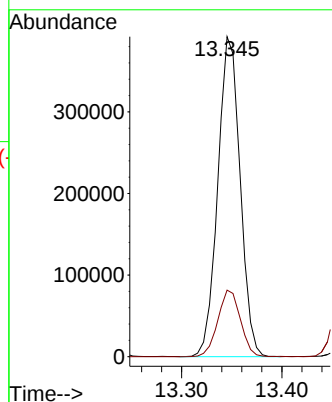
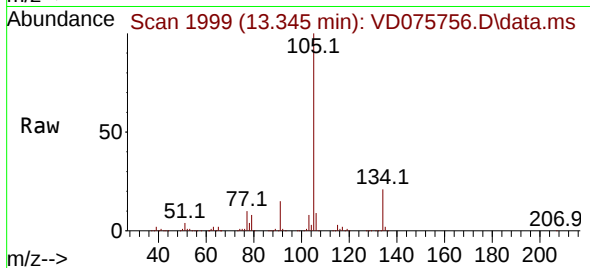
134 21.0 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#86

p-Isopropyltoluene

Concen: 54.177 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

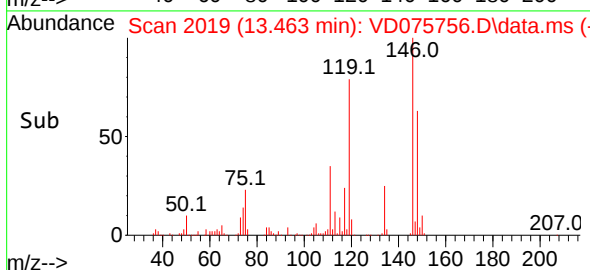
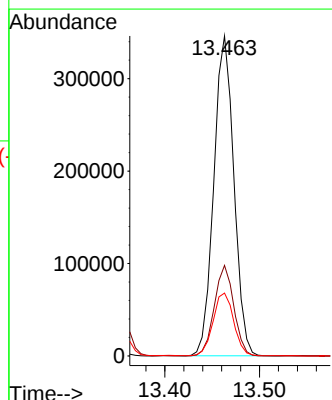
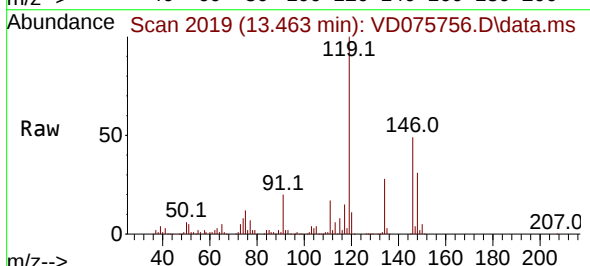
Tgt Ion:119 Resp: 508417

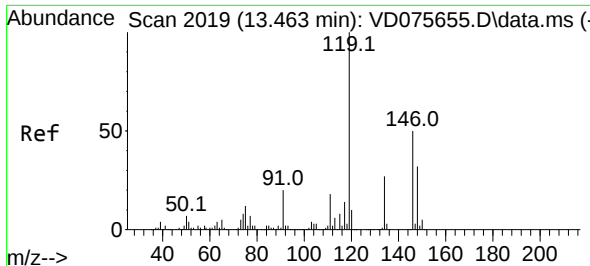
Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.3

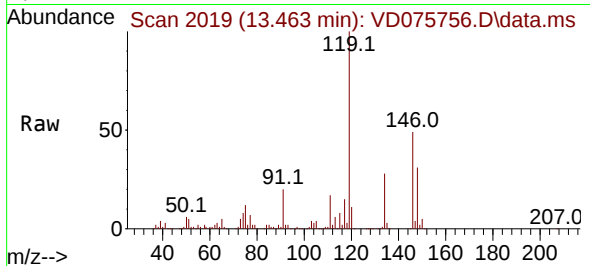
91 20.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 51.145 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

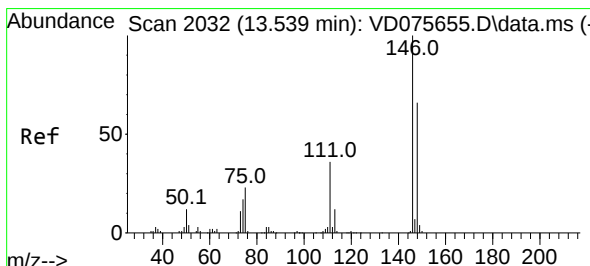
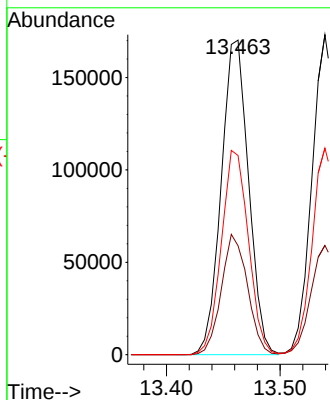
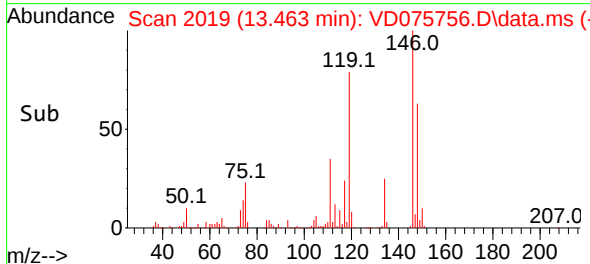
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



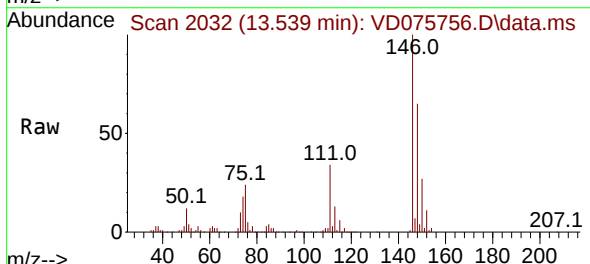
Tgt Ion:146 Resp: 285148
Ion Ratio Lower Upper
146 100
111 36.6 19.8 59.3
148 64.2 31.0 93.0

Manual Integrations
APPROVED

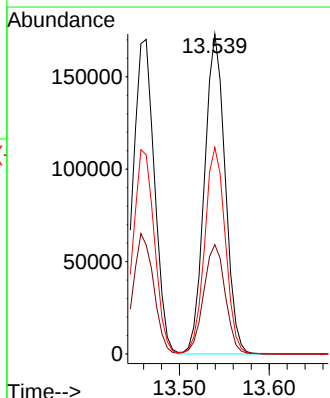
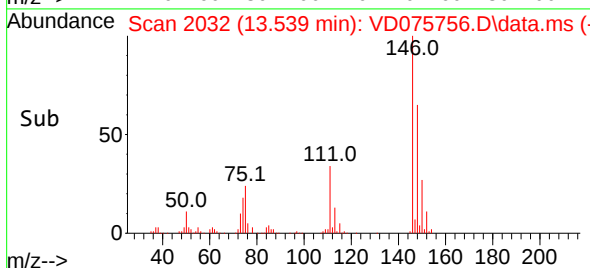
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

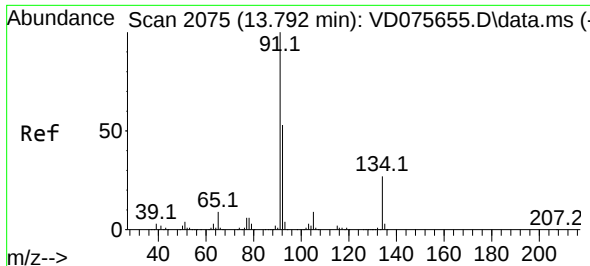


#88
1,4-Dichlorobenzene
Concen: 50.330 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42



Tgt Ion:146 Resp: 277215
Ion Ratio Lower Upper
146 100
111 35.7 19.6 58.8
148 64.5 31.7 95.1





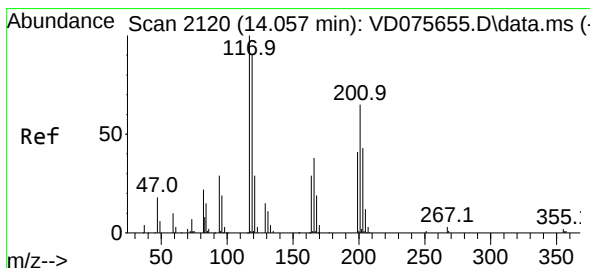
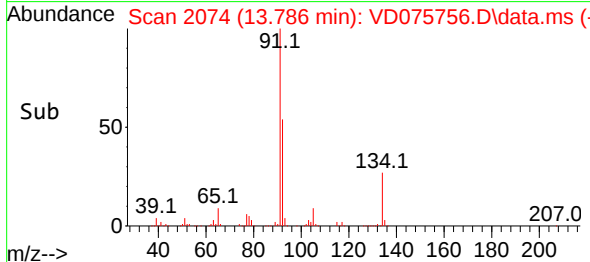
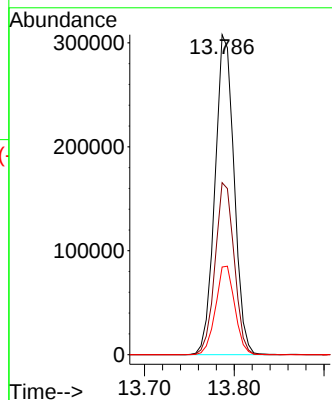
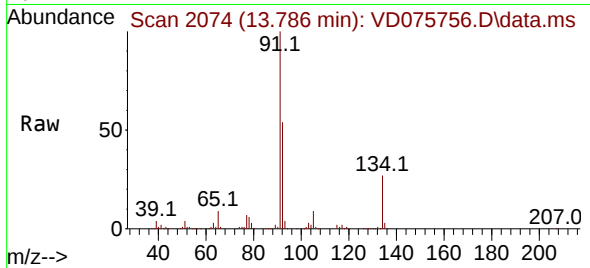
#89
n-Butylbenzene
Concen: 52.715 ug/l
RT: 13.786 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 455684
Ion Ratio Lower Upper
91 100
92 53.6 26.2 78.5
134 27.8 12.7 38.0

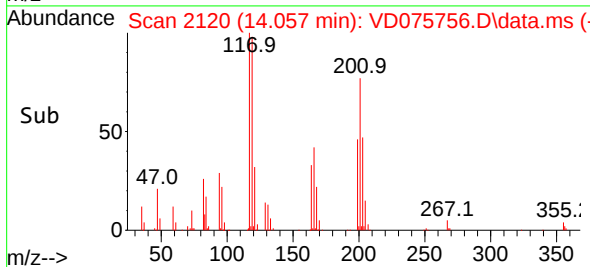
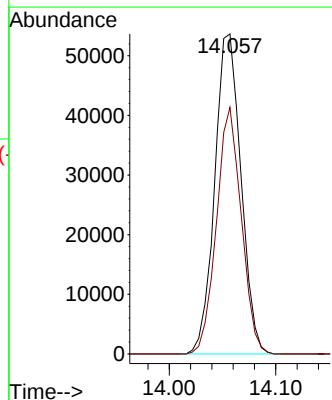
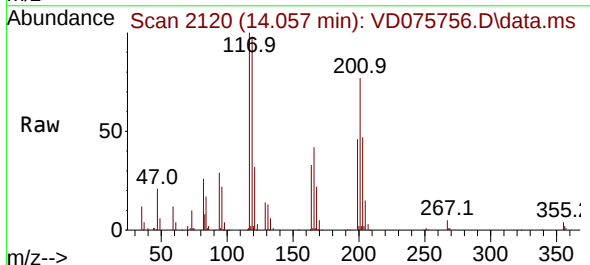
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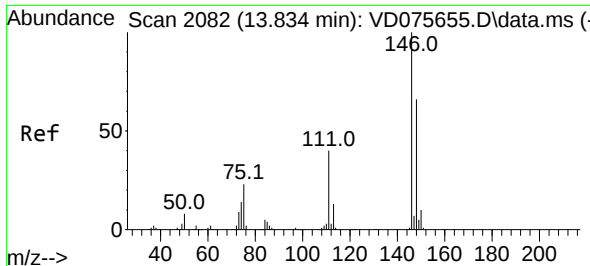
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#90
Hexachloroethane
Concen: 49.191 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

Tgt Ion:117 Resp: 91720
Ion Ratio Lower Upper
117 100
201 72.9 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 51.768 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 247240

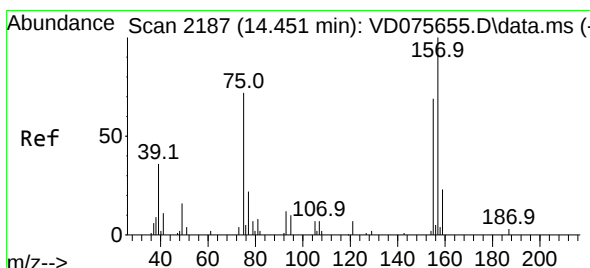
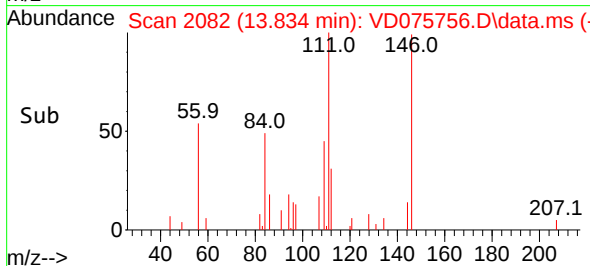
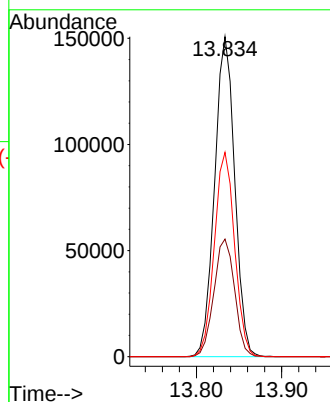
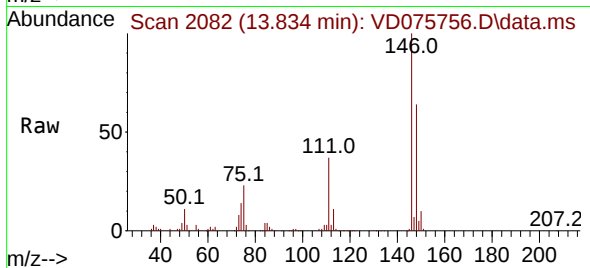
Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.6	61.8
148	64.3	32.0	96.2

Manual Integrations

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Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.898 ug/l

RT: 14.445 min Scan# 2186

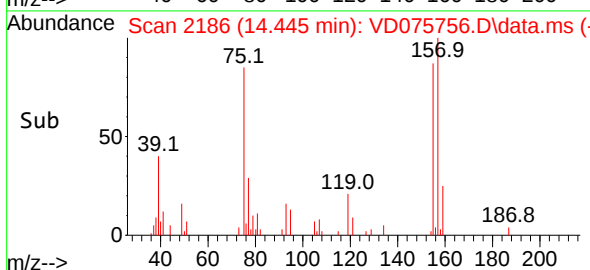
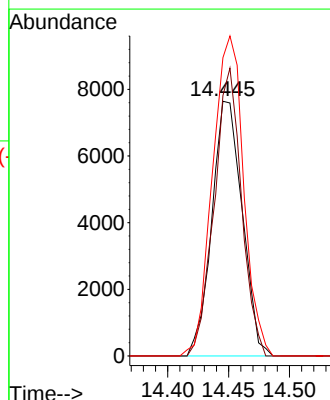
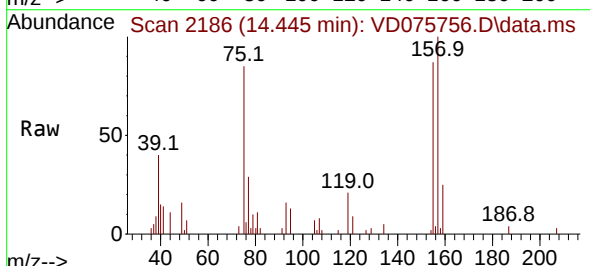
Delta R.T. -0.006 min

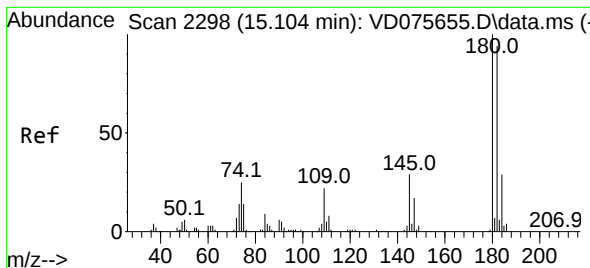
Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Tgt Ion: 75 Resp: 13237

Ion	Ratio	Lower	Upper
75	100		
155	101.8	39.5	118.5
157	128.8	53.5	160.7





#93

1,2,4-Trichlorobenzene

Concen: 49.331 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 137060

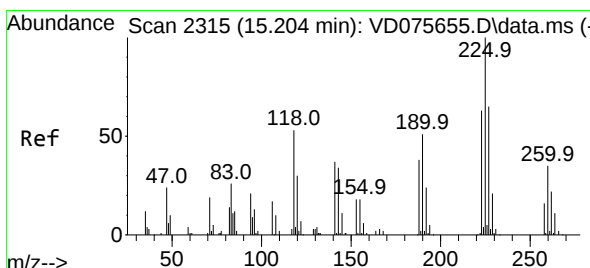
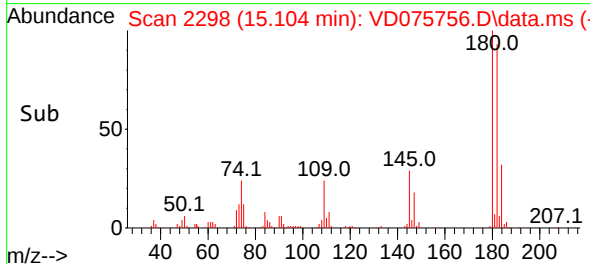
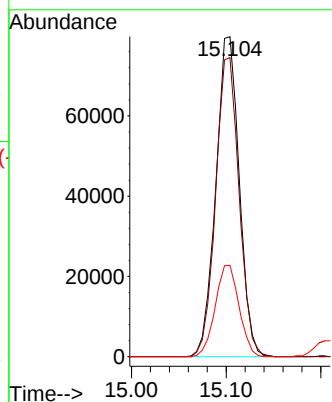
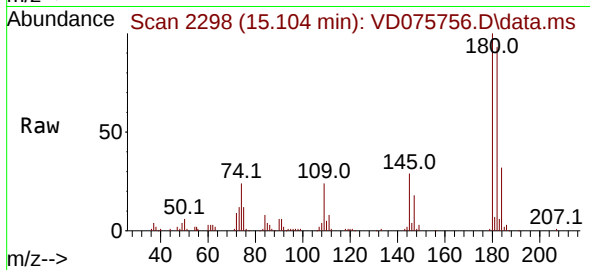
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.9	143.7
145	29.1	15.9	47.7

Manual Integrations

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Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#94

Hexachlorobutadiene

Concen: 48.899 ug/l

RT: 15.204 min Scan# 2315

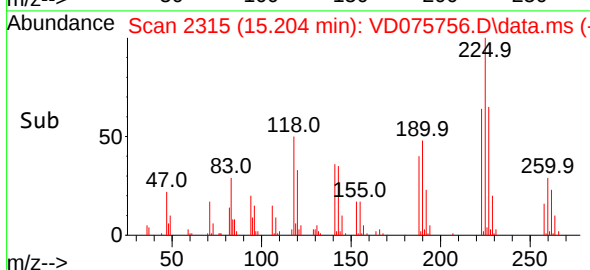
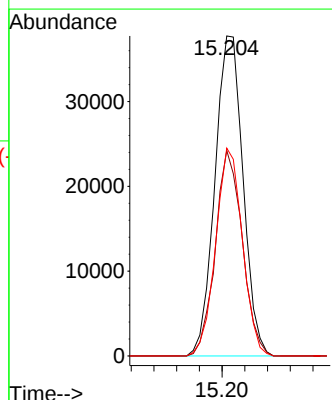
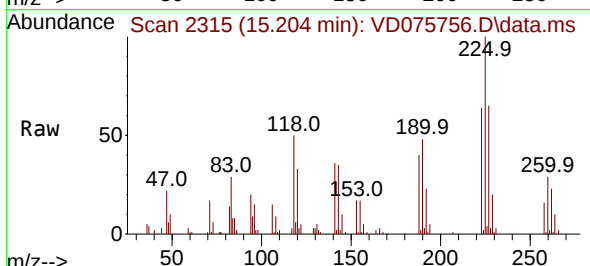
Delta R.T. 0.000 min

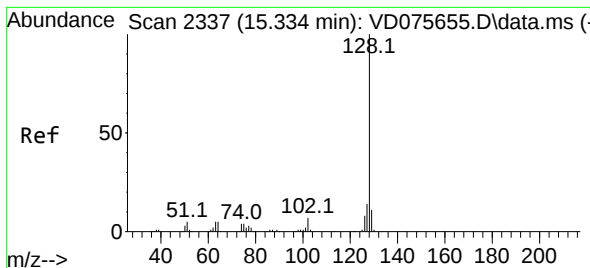
Lab File: VD075756.D

Acq: 19 Apr 2023 18:42

Tgt Ion:225 Resp: 64939

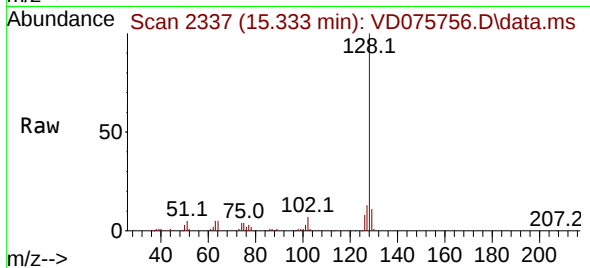
Ion	Ratio	Lower	Upper
225	100		
223	61.5	33.1	99.2
227	61.7	31.9	95.9





#95
Naphthalene
Concen: 50.143 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42

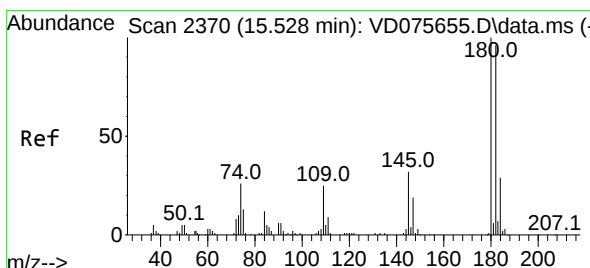
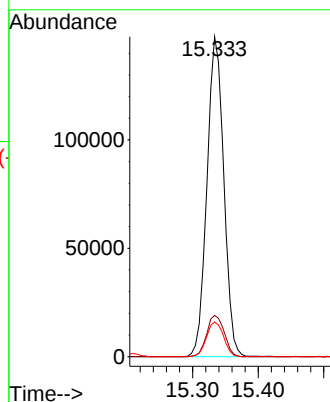
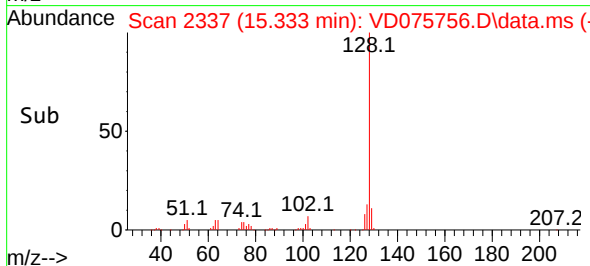
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



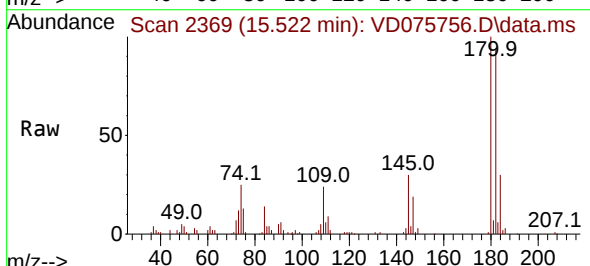
Tgt Ion:128 Resp: 26394
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.812 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075756.D
Acq: 19 Apr 2023 18:42



Tgt Ion:180 Resp: 121818
Ion Ratio Lower Upper
180 100
182 94.3 47.7 143.1
145 30.4 16.4 49.4

