

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075011.D
 Acq On : 21 Nov 2022 18:38
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 22 00:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	119781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	204179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	188518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	92883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47913	61.571	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.140%			
35) Dibromofluoromethane	7.804	113	63209	50.221	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.269	98	225829	54.470	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.940%			
62) 4-Bromofluorobenzene	12.575	95	76932	60.430	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	42279	52.949	ug/l	99
3) Chloromethane	2.146	50	68614	55.029	ug/l	95
4) Vinyl Chloride	2.287	62	87251	51.949	ug/l	98
5) Bromomethane	2.693	94	71690	56.977	ug/l	97
6) Chloroethane	2.840	64	68230	55.320	ug/l	99
7) Trichlorofluoromethane	3.175	101	113249	59.179	ug/l	98
8) Diethyl Ether	3.593	74	30716	55.982	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	73557	60.234	ug/l	98
10) Methyl Iodide	4.163	142	91119	61.526	ug/l	100
11) Tert butyl alcohol	5.052	59	14049	242.716	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	69282	58.243	ug/l	95
13) Acrolein	3.799	56	6093	173.871	ug/l	98
14) Allyl chloride	4.563	41	73751	57.964	ug/l	98
15) Acrylonitrile	5.258	53	63920	298.115	ug/l	99
16) Acetone	4.022	43	58087	293.758	ug/l	99
17) Carbon Disulfide	4.275	76	174804	51.657	ug/l	97
18) Methyl Acetate	4.569	43	29709	57.889	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	140446	58.973	ug/l	99
20) Methylene Chloride	4.810	84	101582	64.300	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	80930	59.996	ug/l	92
22) Diisopropyl ether	6.216	45	179987	63.466	ug/l	97
23) Vinyl Acetate	6.157	43	311197m	255.669	ug/l	
24) 1,1-Dichloroethane	6.116	63	128719	60.778	ug/l	97
25) 2-Butanone	7.081	43	63525	245.671	ug/l	96
26) 2,2-Dichloropropane	7.087	77	96120	48.294	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	76364	51.028	ug/l	99
28) Bromochloromethane	7.434	49	37634	55.080	ug/l	93
29) Tetrahydrofuran	7.452	42	36033	251.752	ug/l	97
30) Chloroform	7.599	83	123232	53.131	ug/l	99
31) Cyclohexane	7.881	56	82433	47.205	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	105221	52.639	ug/l	97
36) 1,1-Dichloropropene	8.010	75	86649	46.843	ug/l	99
37) Ethyl Acetate	7.175	43	28031	45.161	ug/l	96
38) Carbon Tetrachloride	7.993	117	80425	46.190	ug/l	97
39) Methylcyclohexane	9.275	83	98422	49.667	ug/l	96
40) Benzene	8.251	78	263668	49.572	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	16119	48.963	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	61987	48.697	ug/l	98
43) Isopropyl Acetate	8.363	43	52041	47.603	ug/l	99
44) Trichloroethene	9.028	130	75623	53.816	ug/l	99
45) 1,2-Dichloropropane	9.304	63	64369	53.860	ug/l	94
46) Dibromomethane	9.393	93	35722	53.372	ug/l	93
47) Bromodichloromethane	9.587	83	91268	54.945	ug/l	93
48) Methyl methacrylate	9.381	41	24494	50.579	ug/l	96
49) 1,4-Dioxane	9.387	88	6532	994.576	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	139181	267.055	ug/l	98
52) Toluene	10.334	92	180914	56.887	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	77765	52.996	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	97865	54.384	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	52770	56.702	ug/l	94
56) Ethyl methacrylate	10.598	69	55913	49.726	ug/l	99
57) 1,3-Dichloropropane	10.881	76	84039	56.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	97059	246.863	ug/l	97
59) 2-Hexanone	10.922	43	98098	270.007	ug/l	99
60) Dibromochloromethane	11.075	129	62808	56.890	ug/l	99
61) 1,2-Dibromoethane	11.181	107	47743	54.853	ug/l	98
64) Tetrachloroethene	10.810	164	62633	49.553	ug/l	97
65) Chlorobenzene	11.610	112	196195	53.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	68707	53.173	ug/l	97
67) Ethyl Benzene	11.687	91	346854	53.985	ug/l	98
68) m/p-Xylenes	11.798	106	273759	106.865	ug/l	100
69) o-Xylene	12.122	106	128136	54.367	ug/l	97
70) Styrene	12.139	104	225191	55.740	ug/l	99
71) Bromoform	12.304	173	35564	53.181	ug/l #	99
73) Isopropylbenzene	12.422	105	342772	53.616	ug/l	99
74) N-amyl acetate	12.234	43	49374	46.940	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	57233	50.611	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	32572m	41.927	ug/l	
77) Bromobenzene	12.704	156	78553	52.506	ug/l	96
78) n-propylbenzene	12.769	91	419626	53.398	ug/l	100
79) 2-Chlorotoluene	12.851	91	225784	53.323	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	286258	53.738	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	14148	44.801	ug/l	92
82) 4-Chlorotoluene	12.951	91	237060	53.762	ug/l	98
83) tert-Butylbenzene	13.169	119	246988	53.436	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	284384	53.979	ug/l	98
85) sec-Butylbenzene	13.345	105	378221	53.795	ug/l	98
86) p-Isopropyltoluene	13.463	119	319528	54.656	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	162291	52.148	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	158571	51.338	ug/l	99
89) n-Butylbenzene	13.792	91	293788	54.127	ug/l	98
90) Hexachloroethane	14.057	117	56781	54.229	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	140580	53.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7346	47.116	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	83509	51.839	ug/l	99
94) Hexachlorobutadiene	15.210	225	44174	53.161	ug/l	99
95) Naphthalene	15.333	128	149203	49.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	71912	51.620	ug/l	99

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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

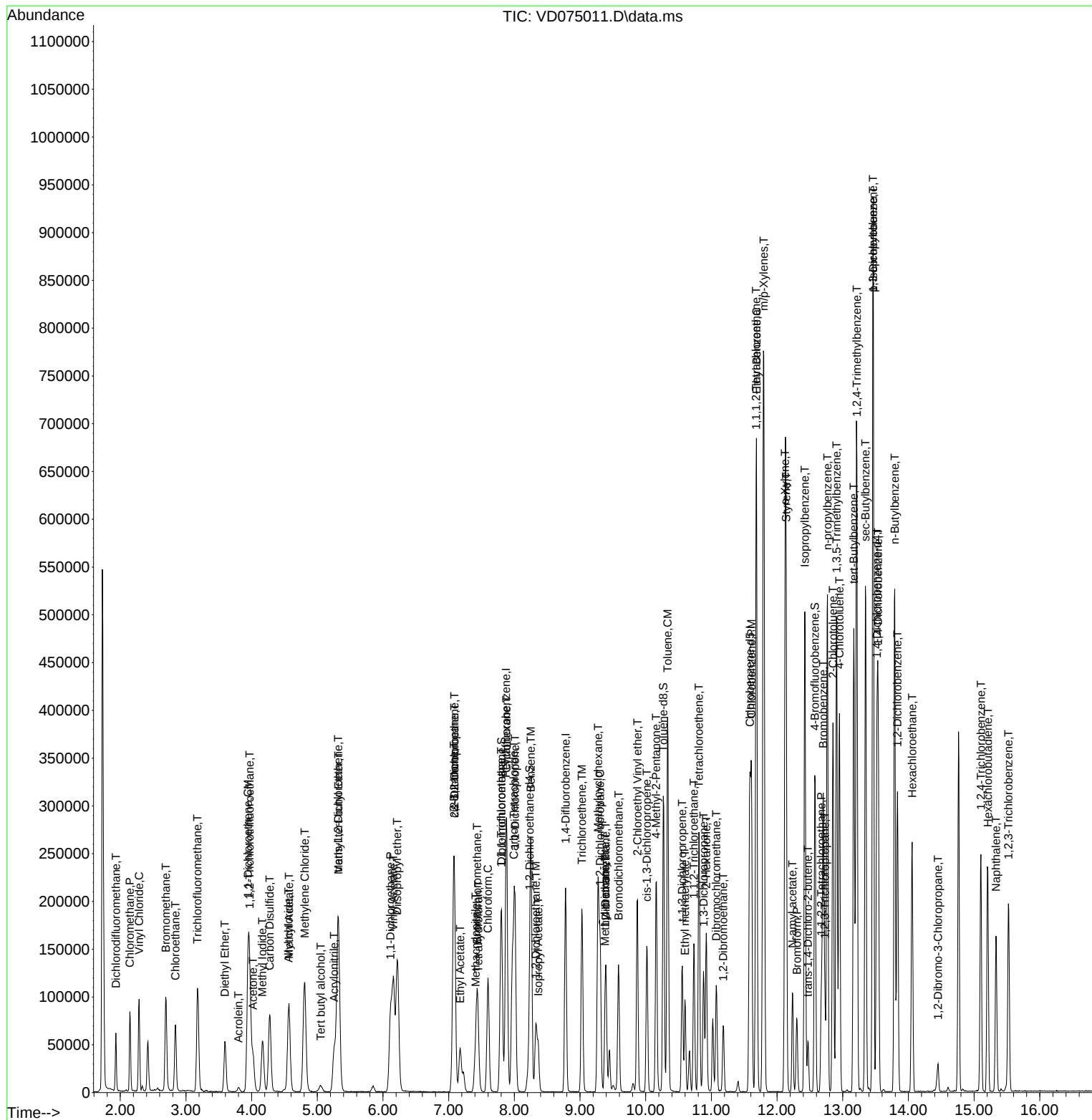
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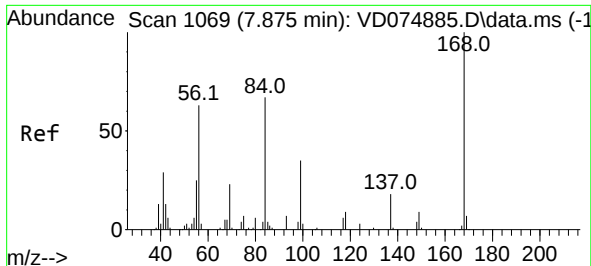
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Manual Integrations APPROVED

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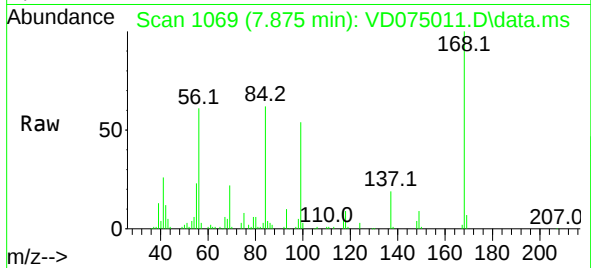
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

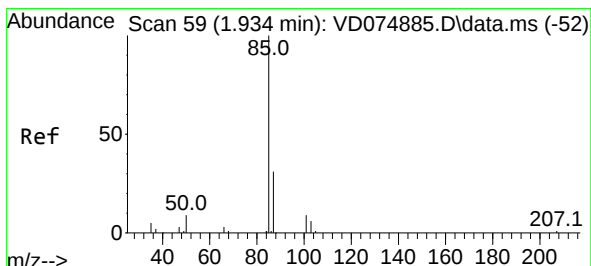
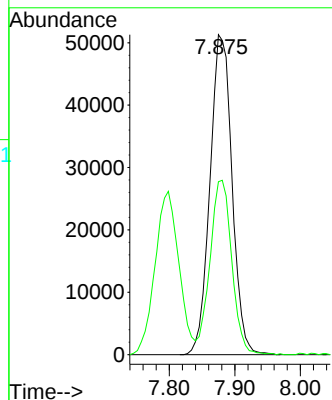
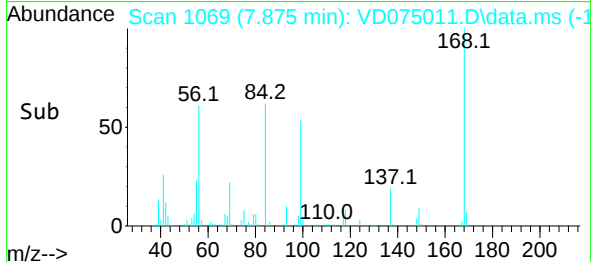
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 11978
Ion Ratio Lower Upper
168 100
99 53.8 40.9 61.3

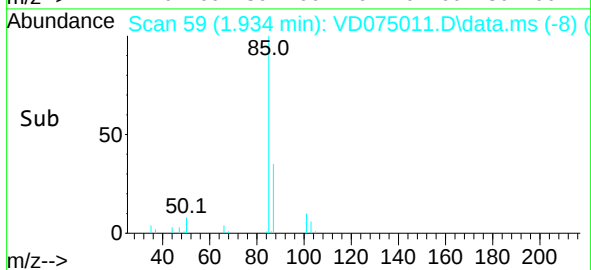
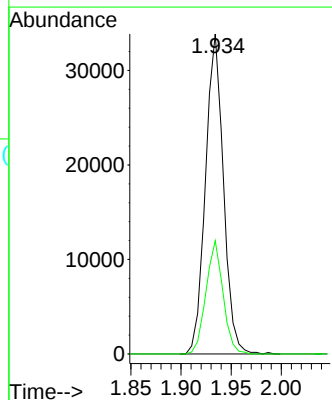
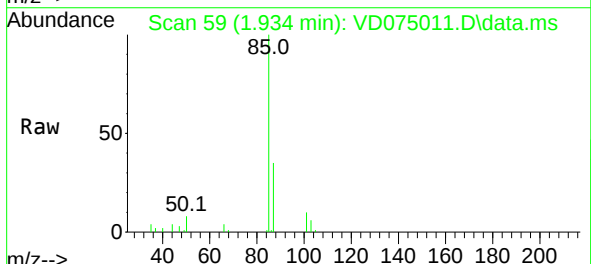
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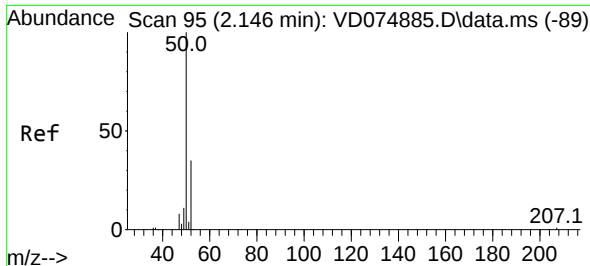
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#2
Dichlorodifluoromethane
Concen: 52.949 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

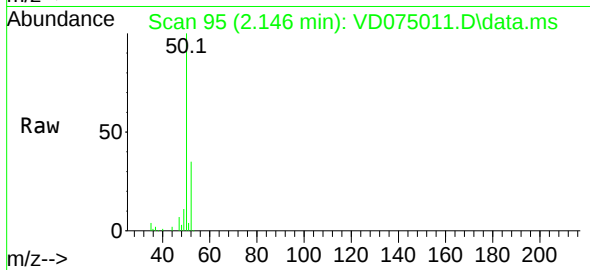
Tgt Ion: 85 Resp: 42279
Ion Ratio Lower Upper
85 100
87 35.4 17.5 52.6





#3
Chloromethane
Concen: 55.029 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

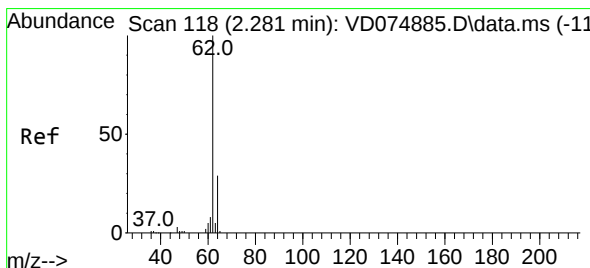
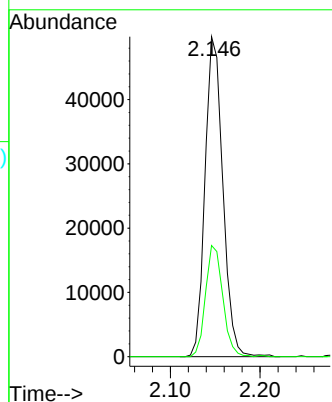
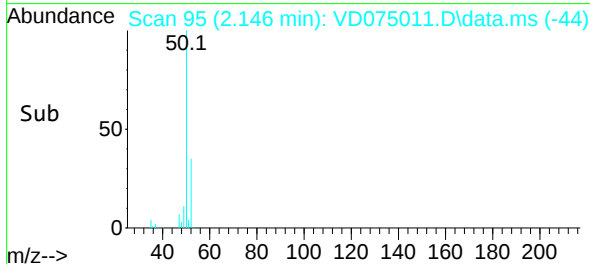
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 68614
Ion Ratio Lower Upper
50 100
52 34.8 30.0 45.0

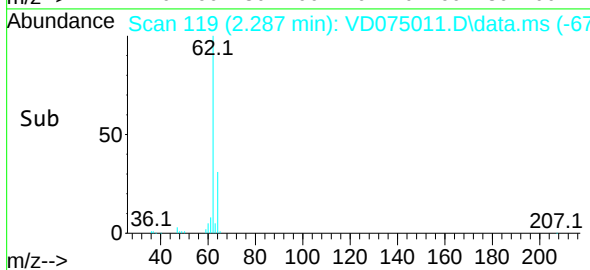
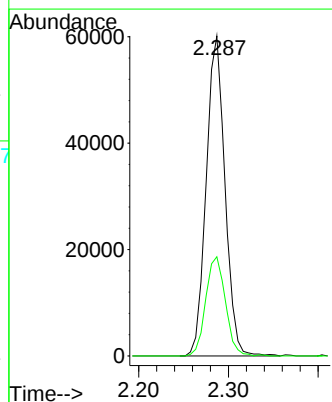
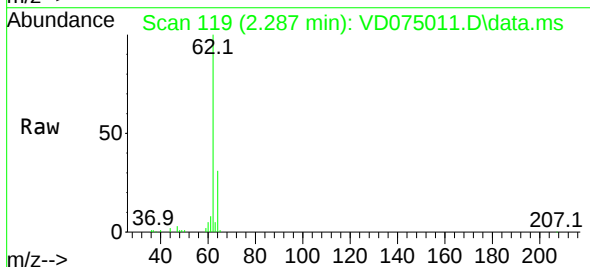
Manual Integrations
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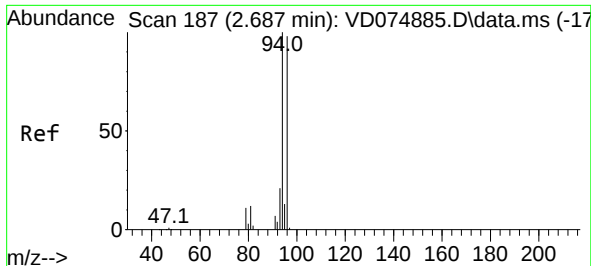
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#4
Vinyl Chloride
Concen: 51.949 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion: 62 Resp: 87251
Ion Ratio Lower Upper
62 100
64 31.0 25.5 38.3





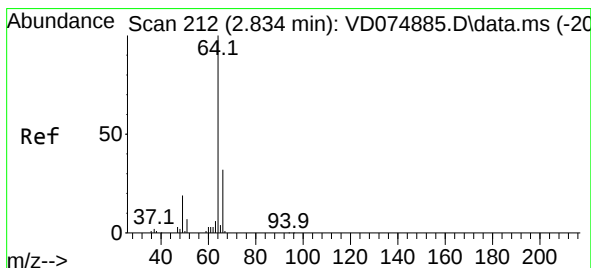
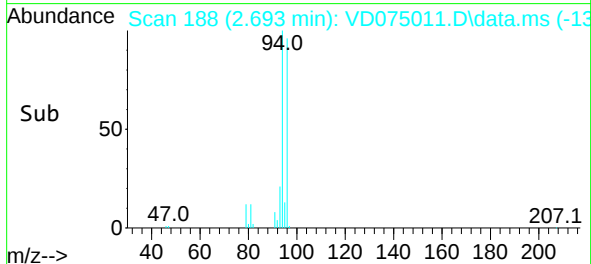
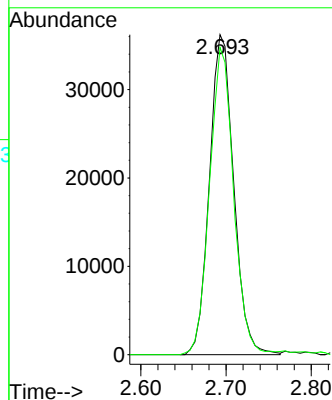
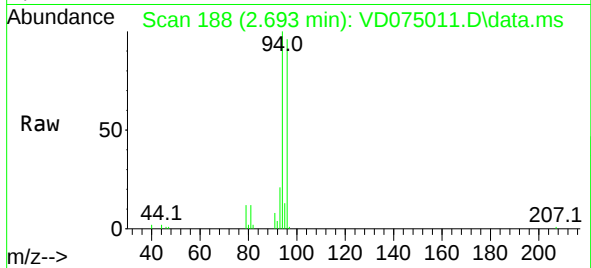
#5
Bromomethane
Concen: 56.977 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 71690
Ion Ratio Lower Upper
94 100
96 96.0 74.6 112.0

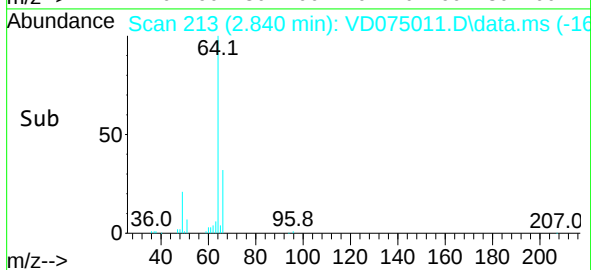
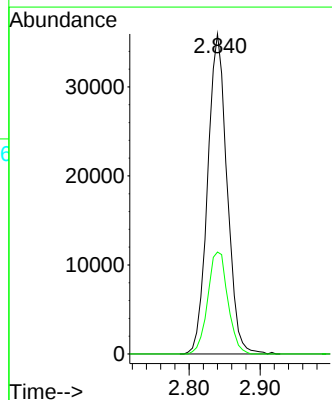
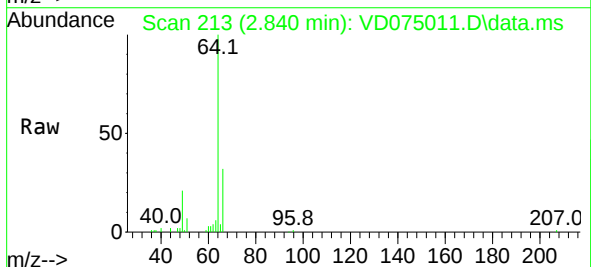
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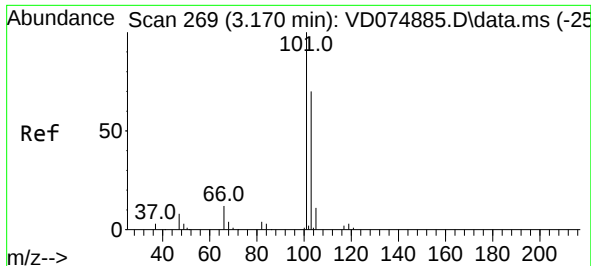
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#6
Chloroethane
Concen: 55.320 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion: 64 Resp: 68230
Ion Ratio Lower Upper
64 100
66 31.8 25.8 38.8





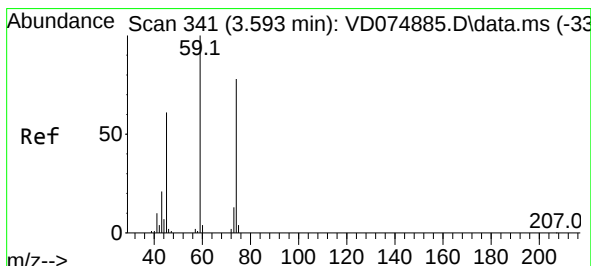
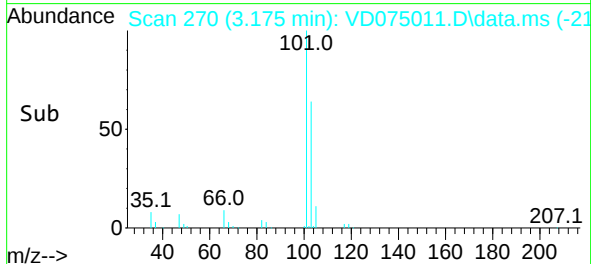
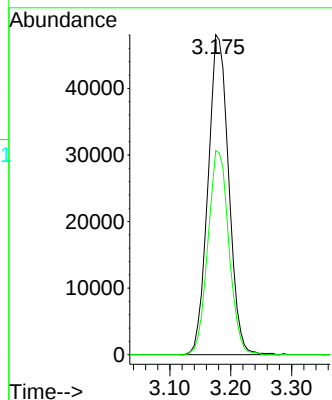
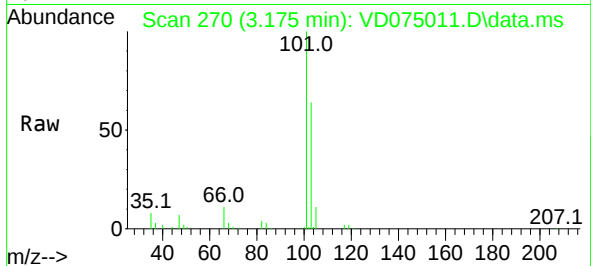
#7
Trichlorofluoromethane
Concen: 59.179 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 113249
Ion Ratio Lower Upper
101 100
103 63.7 49.8 74.8

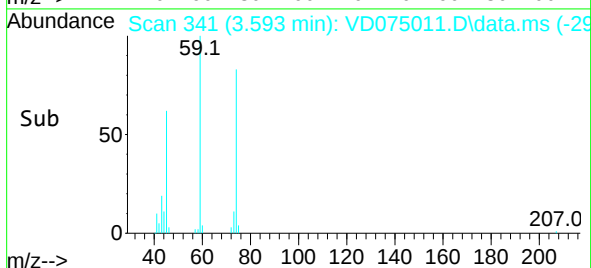
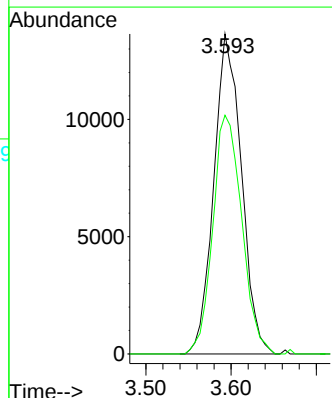
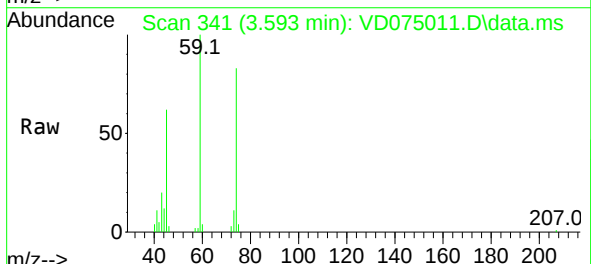
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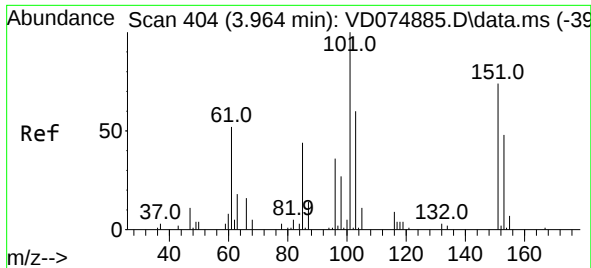
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#8
Diethyl Ether
Concen: 55.982 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion: 74 Resp: 30716
Ion Ratio Lower Upper
74 100
45 78.2 37.9 113.6





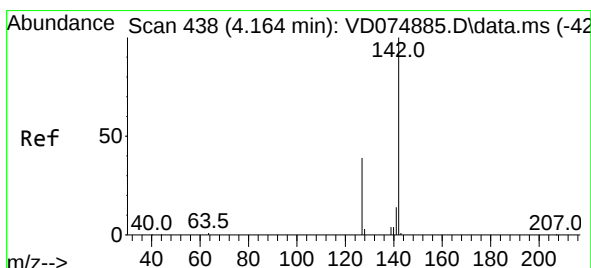
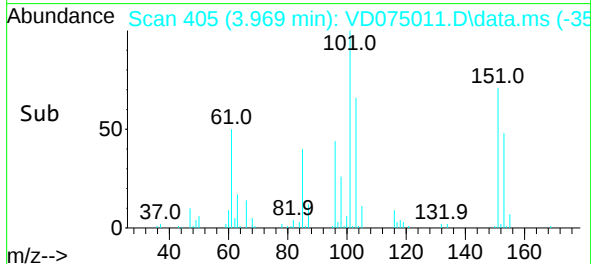
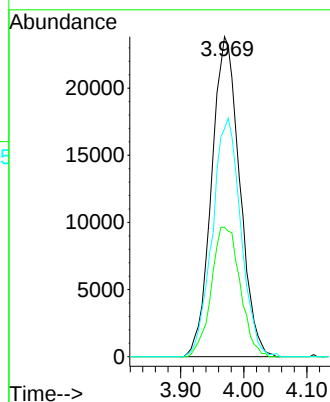
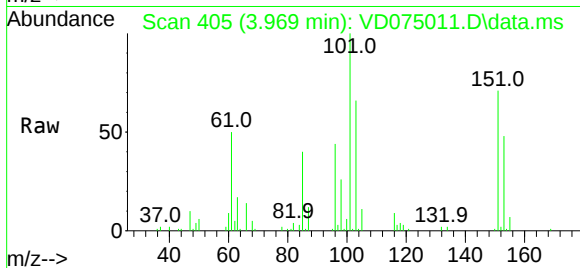
#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.234 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7355
Ion Ratio Lower Upper
101 100
85 41.4 34.1 51.1
151 75.5 61.7 92.5

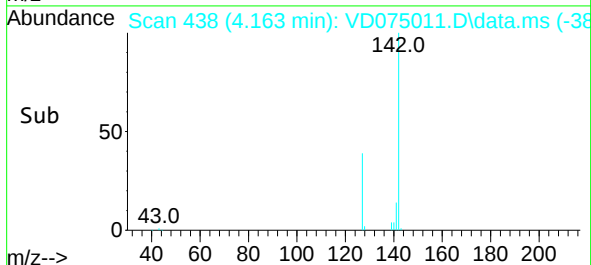
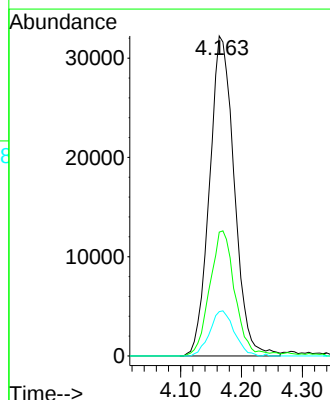
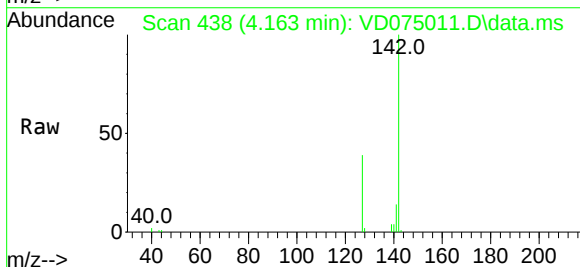
Manual Integrations
APPROVED

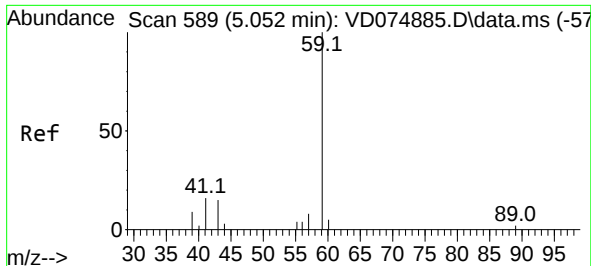
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#10
Methyl Iodide
Concen: 61.526 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion:142 Resp: 91119
Ion Ratio Lower Upper
142 100
127 40.0 31.9 47.9
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 242.716 ug/l

RT: 5.052 min Scan# 50

Delta R.T. -0.000 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDC0050EC

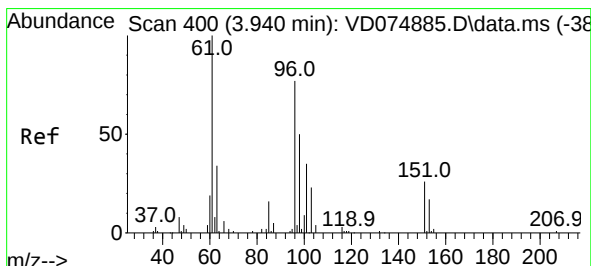
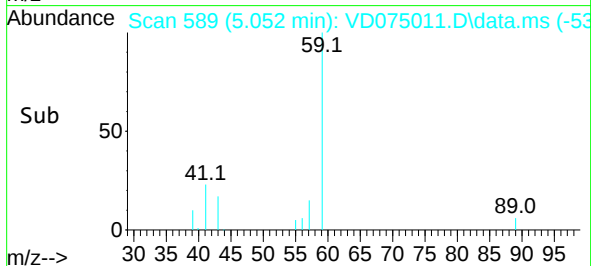
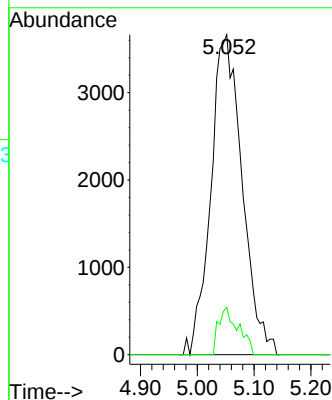
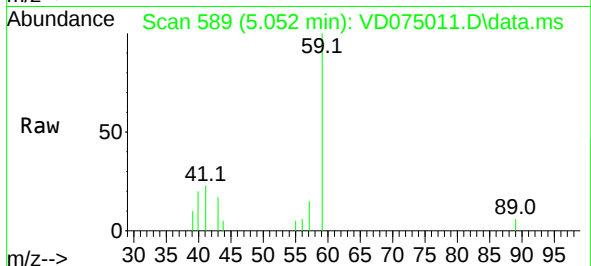
Tgt Ion: 59 Resp: 14049
 Ion Ratio Lower Upper
 59 100
 57 9.3 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#12

1,1-Dichloroethene

Concen: 58.243 ug/l

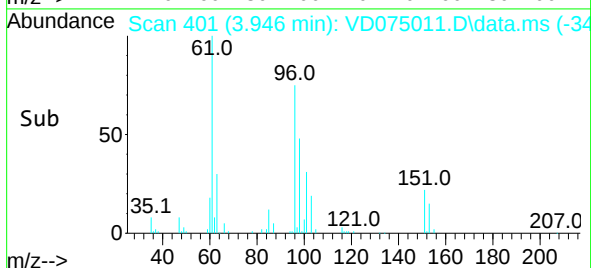
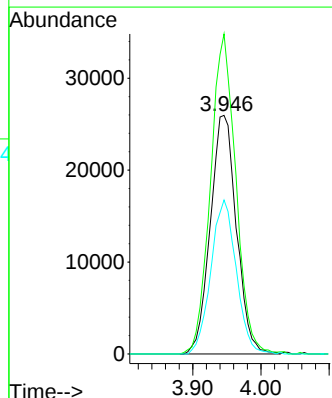
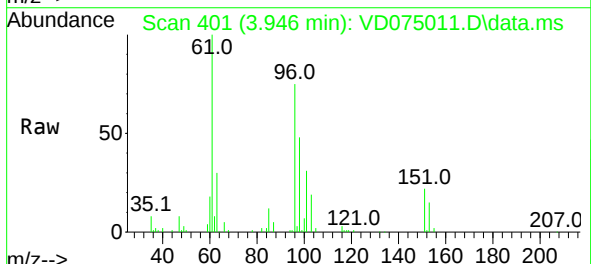
RT: 3.946 min Scan# 401

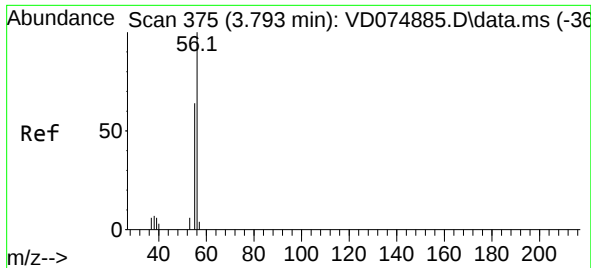
Delta R.T. 0.006 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

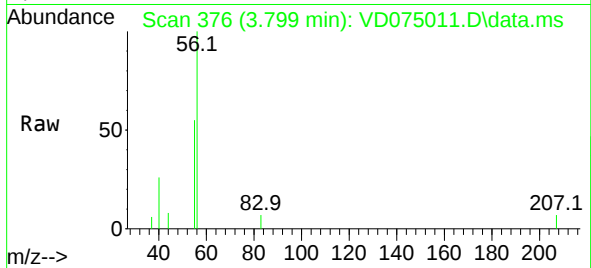
Tgt Ion: 96 Resp: 69282
 Ion Ratio Lower Upper
 96 100
 61 134.2 113.9 170.9
 98 64.5 51.8 77.8





#13
Acrolein
Concen: 173.871 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

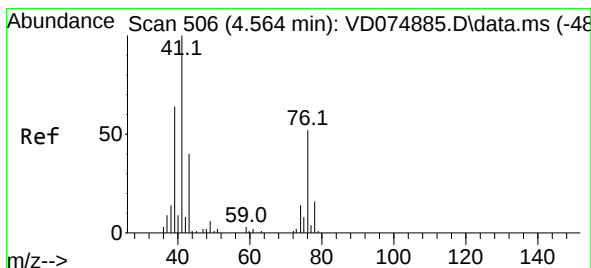
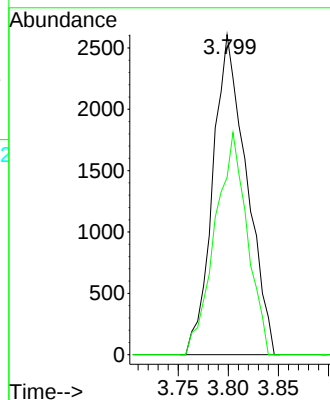
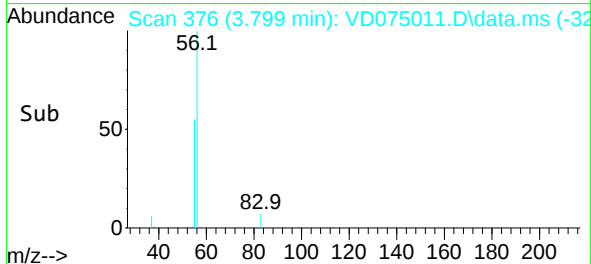
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 609
Ion Ratio Lower Upper
56 100
55 66.3 54.0 81.0

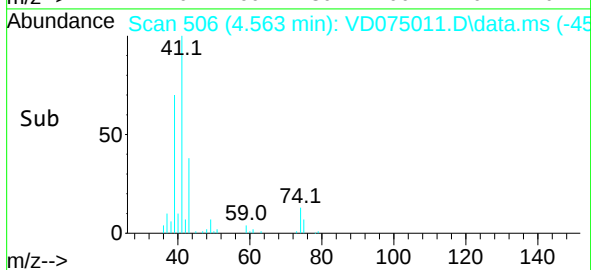
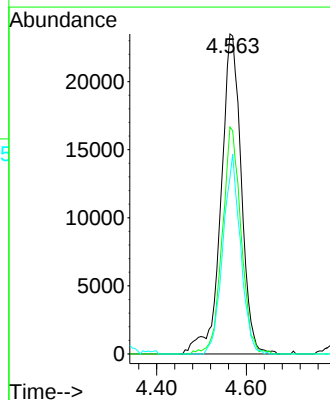
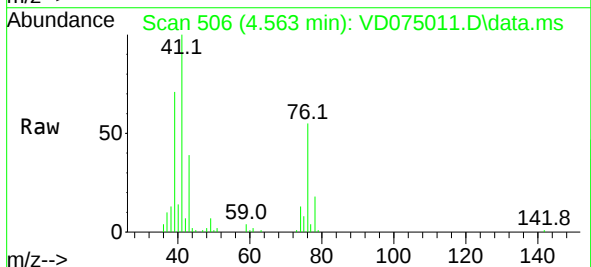
Manual Integrations
APPROVED

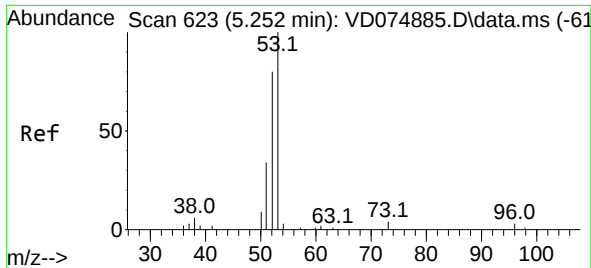
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#14
Allyl chloride
Concen: 57.964 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion: 41 Resp: 73751
Ion Ratio Lower Upper
41 100
39 65.7 53.4 80.2
76 54.2 42.4 63.6





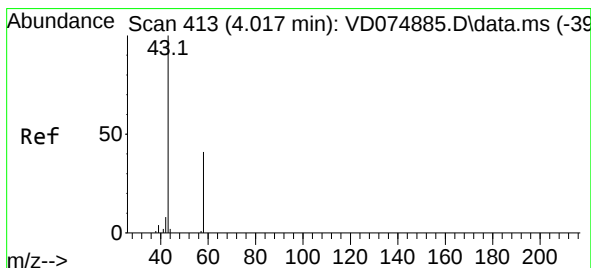
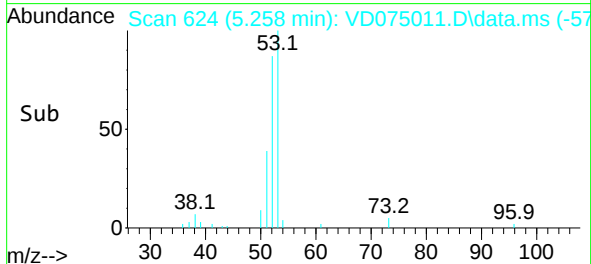
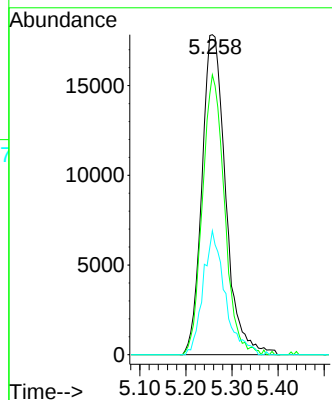
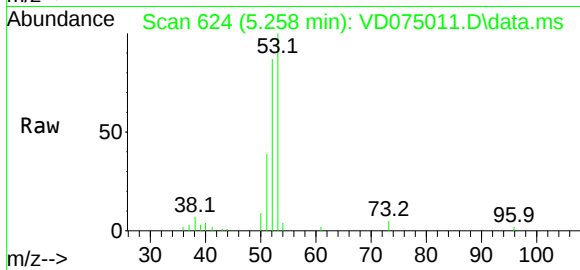
#15
Acrylonitrile
Concen: 298.115 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 63920
Ion Ratio Lower Upper
53 100
52 81.4 66.0 99.0
51 35.9 28.3 42.5

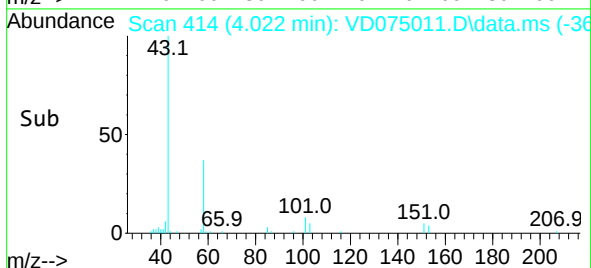
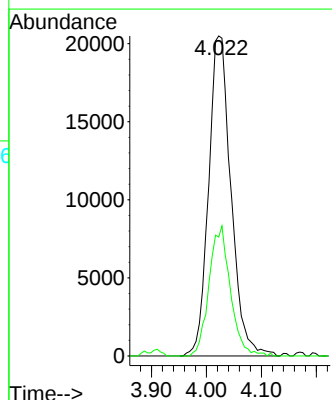
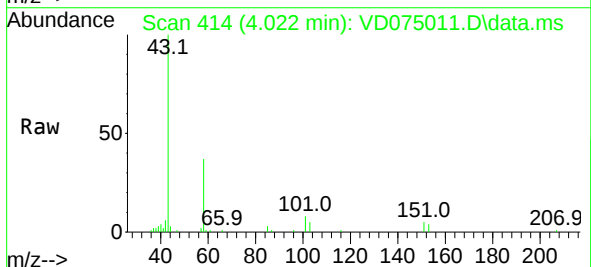
Manual Integrations
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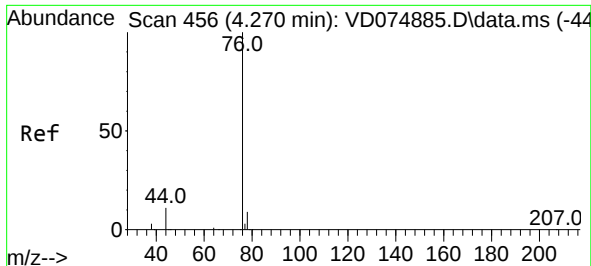
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#16
Acetone
Concen: 293.758 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

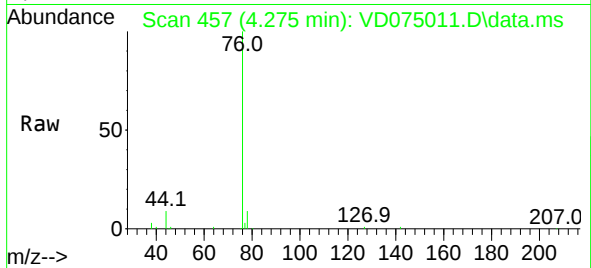
Tgt Ion: 43 Resp: 58087
Ion Ratio Lower Upper
43 100
58 37.1 30.2 45.2





#17
Carbon Disulfide
Concen: 51.657 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

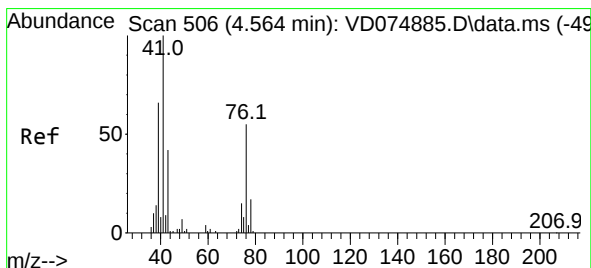
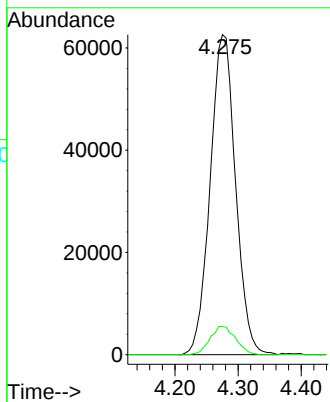
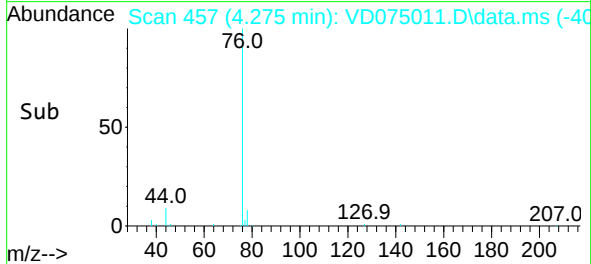
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 174804
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

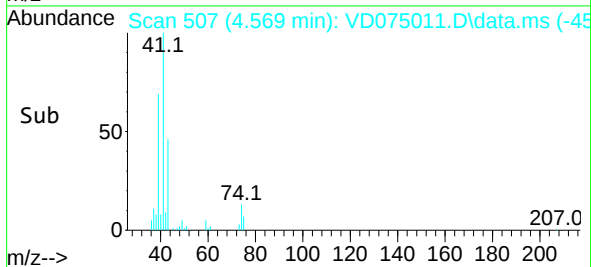
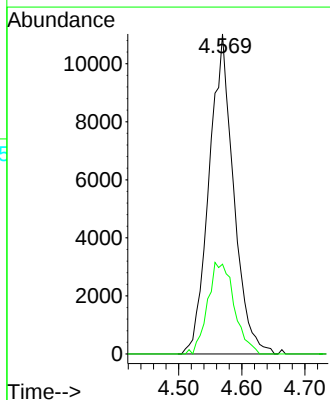
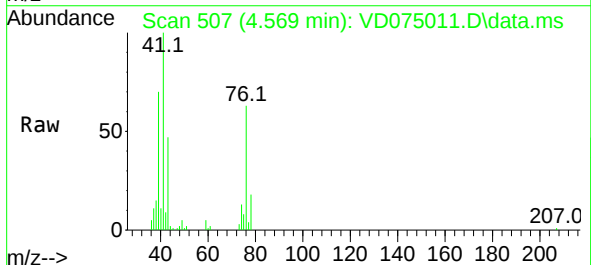
Manual Integrations
APPROVED

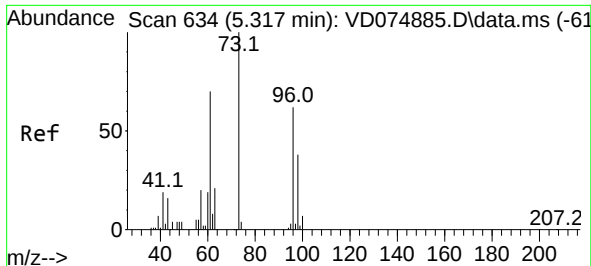
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#18
Methyl Acetate
Concen: 57.889 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion: 43 Resp: 29709
Ion Ratio Lower Upper
43 100
74 30.9 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 58.973 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.005 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 140440

Ion Ratio Lower Upper

73 100

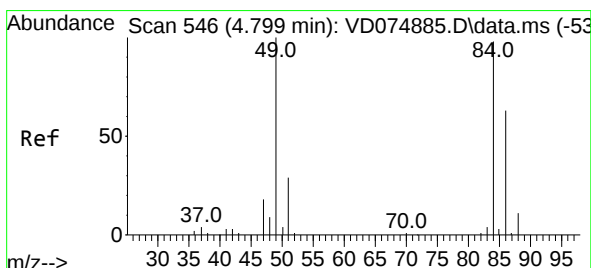
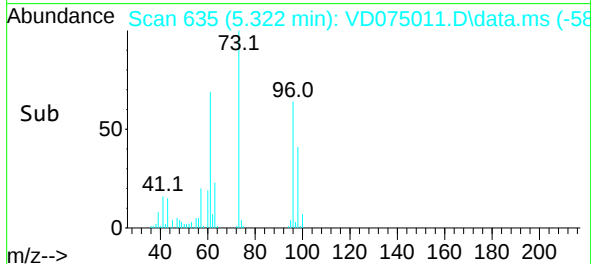
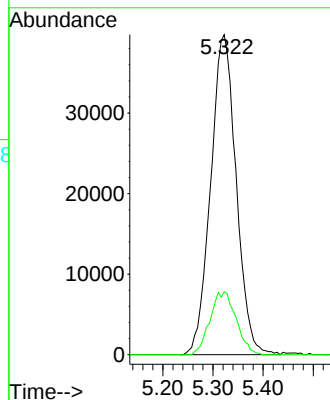
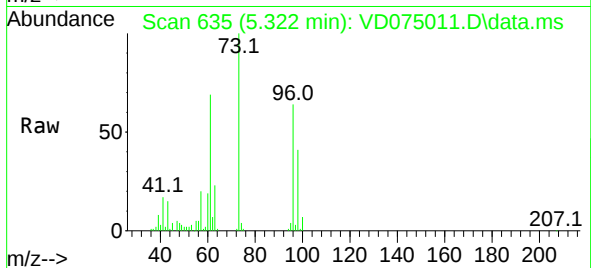
57 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#20

Methylene Chloride

Concen: 64.300 ug/l

RT: 4.810 min Scan# 548

Delta R.T. 0.011 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Tgt Ion: 84 Resp: 101582

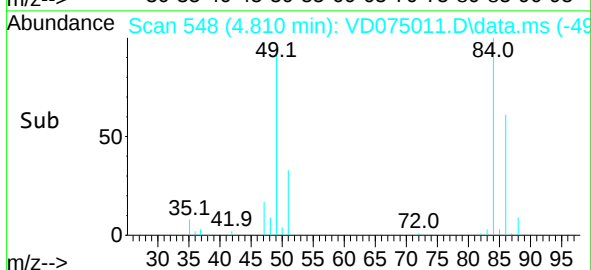
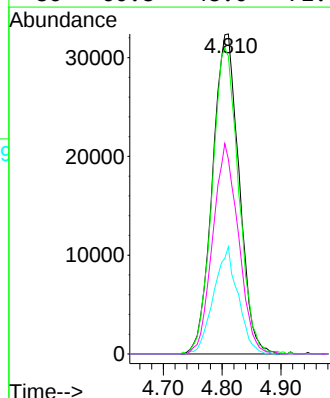
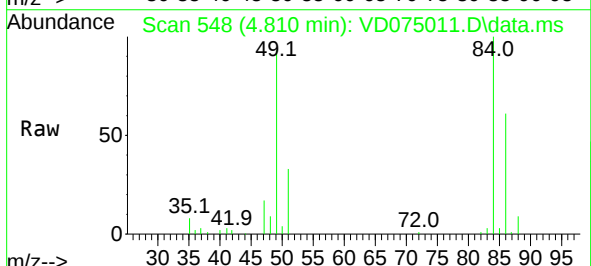
Ion Ratio Lower Upper

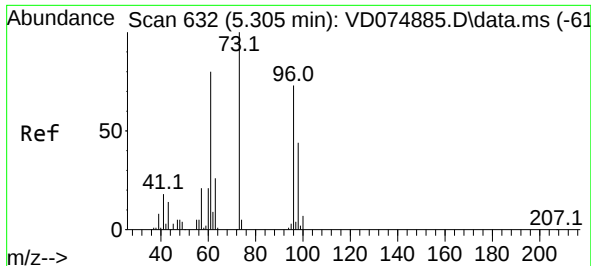
84 100

49 93.1 68.0 102.0

51 33.5 23.2 34.8

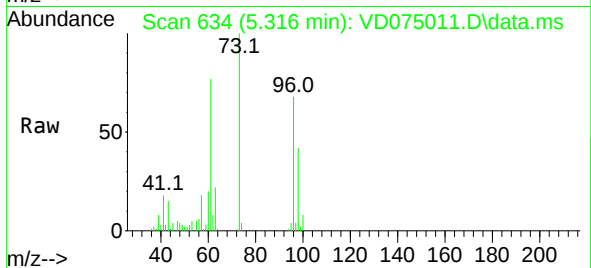
86 60.8 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 59.996 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.011 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

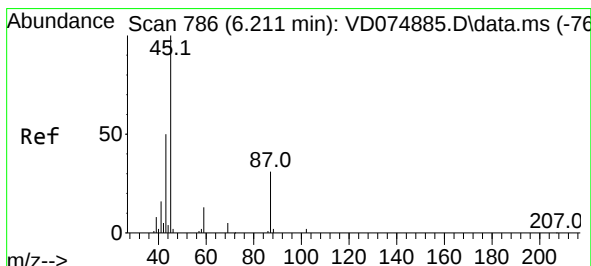
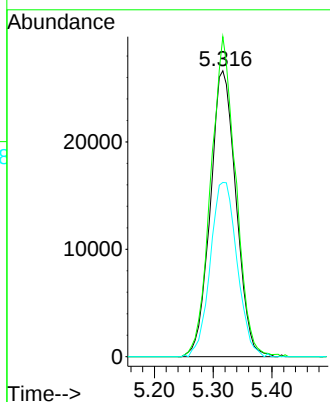
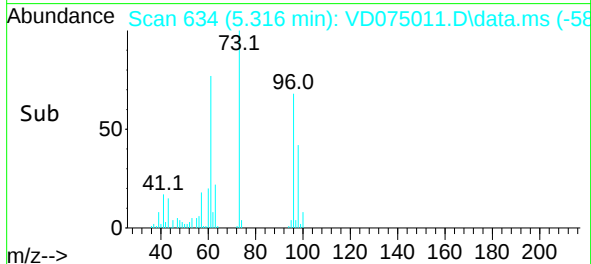
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 80930
Ion Ratio Lower Upper
96 100
61 111.9 95.7 143.5
98 60.9 54.8 82.2

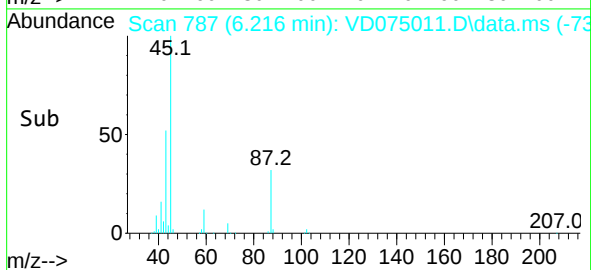
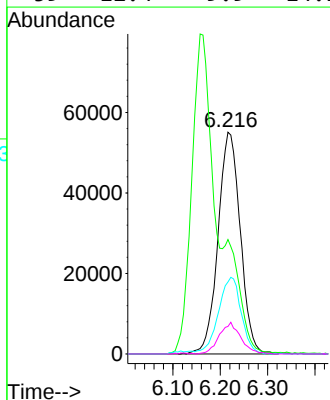
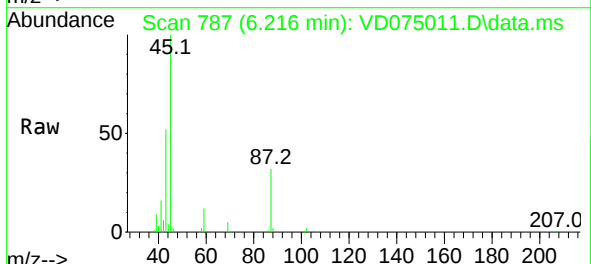
Manual Integrations
APPROVED

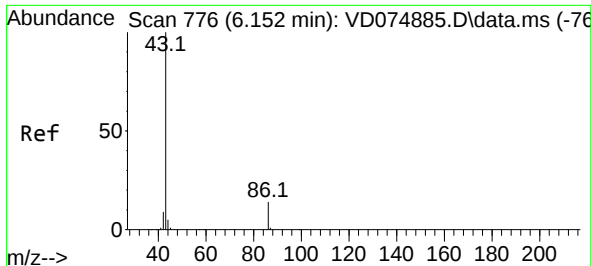
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#22
Diisopropyl ether
Concen: 63.466 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

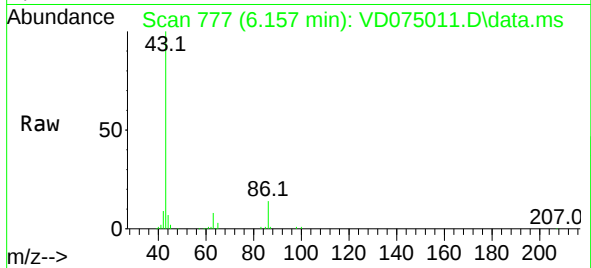
Tgt Ion: 45 Resp: 179987
Ion Ratio Lower Upper
45 100
43 50.9 37.8 56.6
87 32.5 26.6 40.0
59 12.4 9.9 14.9





#23
 Vinyl Acetate
 Concen: 255.669 ug/l m
 RT: 6.157 min Scan# 711
 Delta R.T. 0.005 min
 Lab File: VD075011.D
 Acq: 21 Nov 2022 18:38

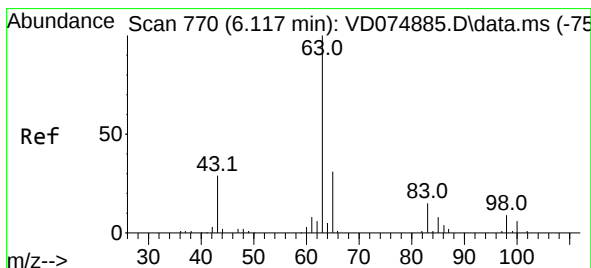
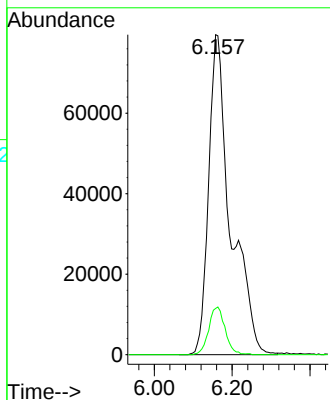
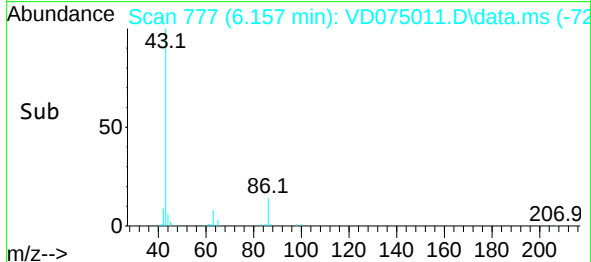
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



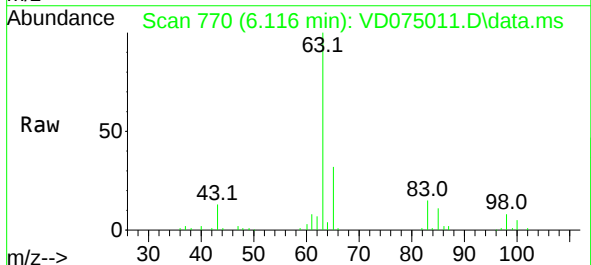
Tgt Ion: 43 Resp: 31119
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.2 16.8

Manual Integrations
 APPROVED

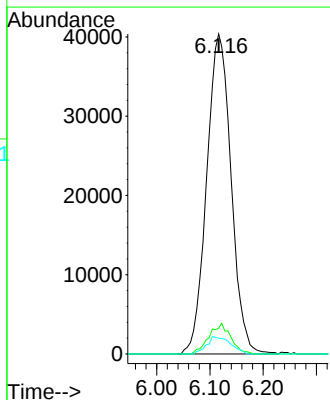
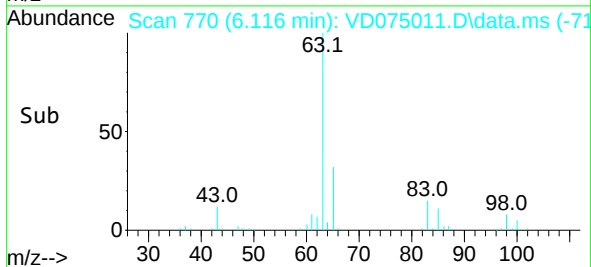
Reviewed By :Krupa Patel 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022

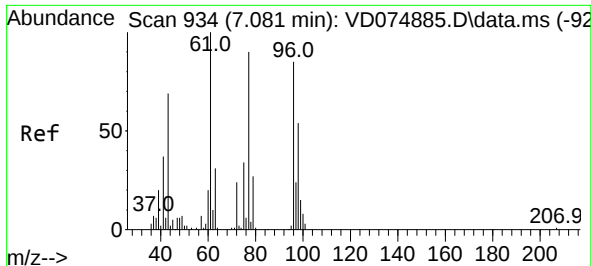


#24
 1,1-Dichloroethane
 Concen: 60.778 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VD075011.D
 Acq: 21 Nov 2022 18:38



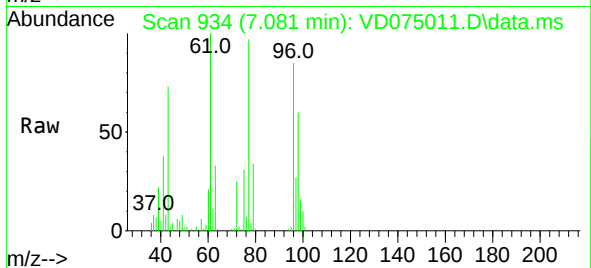
Tgt Ion: 63 Resp: 128719
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.6 13.8
 100 5.0 2.9 8.6





#25
2-Butanone
Concen: 245.671 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

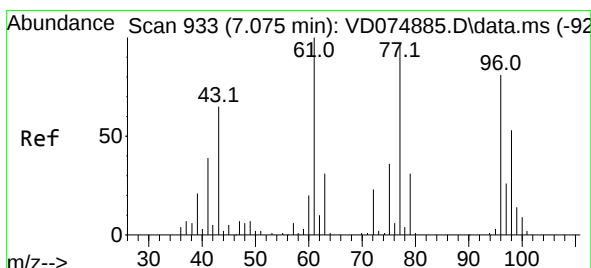
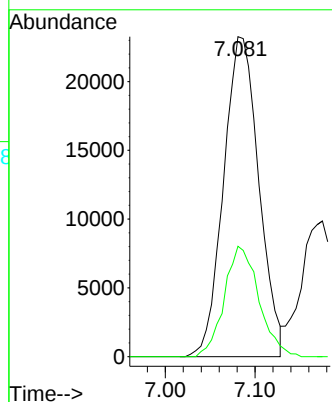
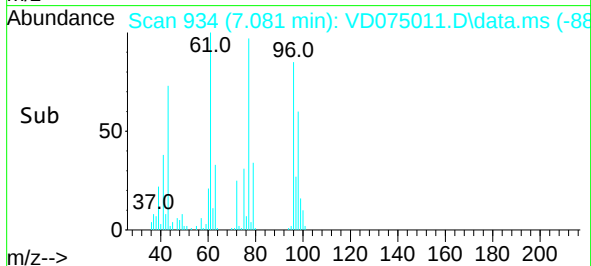
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



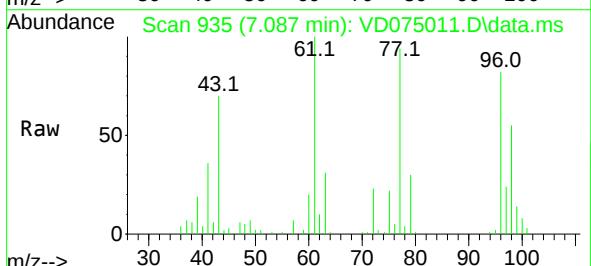
Tgt Ion: 43 Resp: 6352
Ion Ratio Lower Upper
43 100
72 34.5 25.8 38.8

Manual Integrations
APPROVED

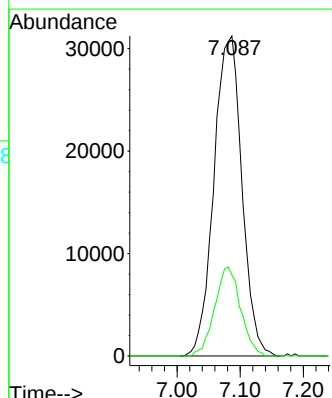
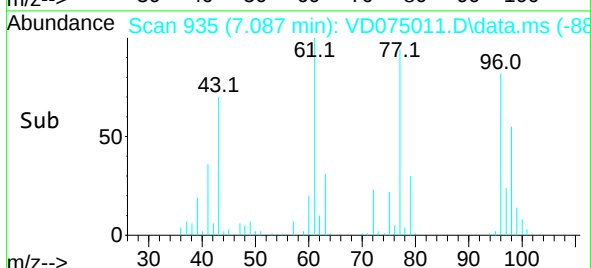
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

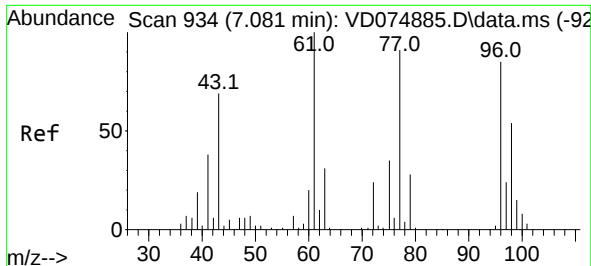


#26
2,2-Dichloropropane
Concen: 48.294 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



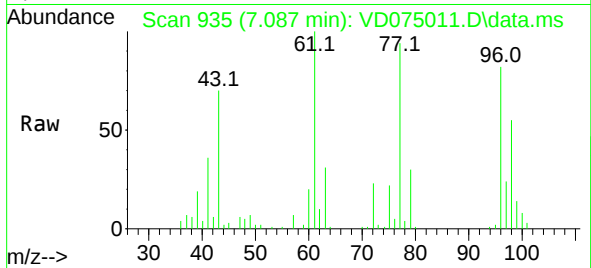
Tgt Ion: 77 Resp: 96120
Ion Ratio Lower Upper
77 100
97 25.7 12.5 37.5





#27
 cis-1,2-Dichloroethene
 Concen: 51.028 ug/l
 RT: 7.087 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VD075011.D
 Acq: 21 Nov 2022 18:38

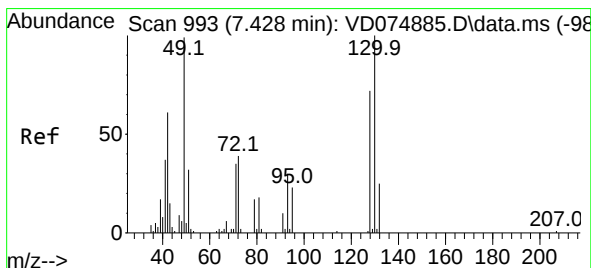
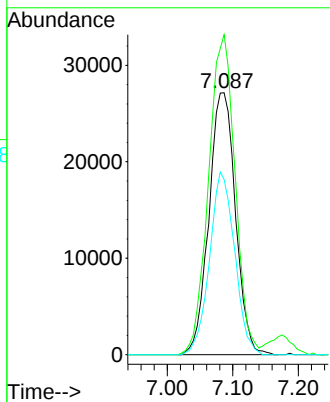
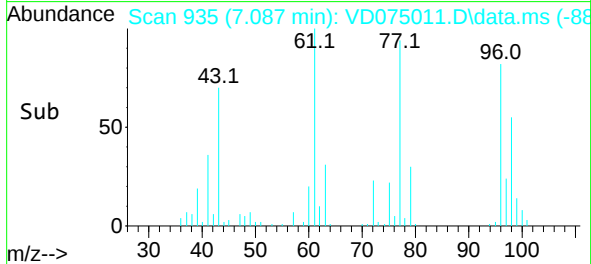
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 76364
 Ion Ratio Lower Upper
 96 100
 61 121.9 0.0 242.4
 98 66.0 0.0 130.0

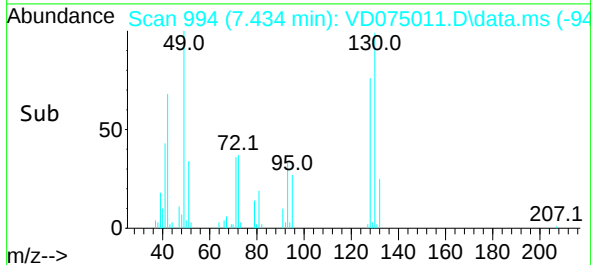
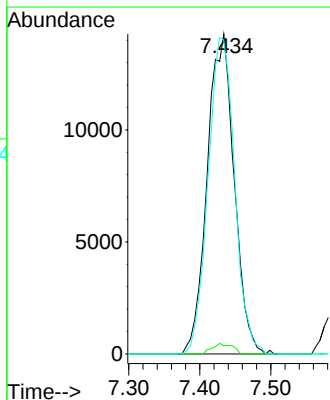
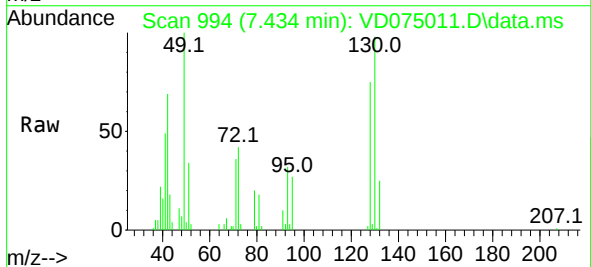
Manual Integrations
 APPROVED

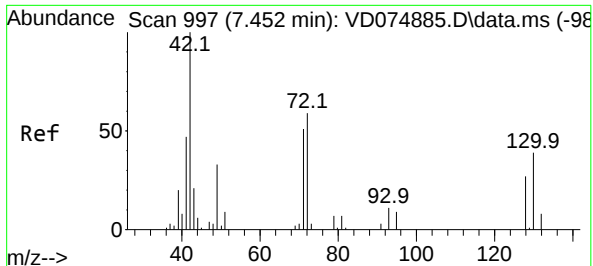
Reviewed By :Krupa Patel 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#28
 Bromochloromethane
 Concen: 55.080 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD075011.D
 Acq: 21 Nov 2022 18:38

Tgt Ion: 49 Resp: 37634
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 97.6 84.1 126.1





#29

Tetrahydrofuran

Concen: 251.752 ug/l

RT: 7.452 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 3603

Ion Ratio Lower Upper

42 100

72 56.9 45.8 68.6

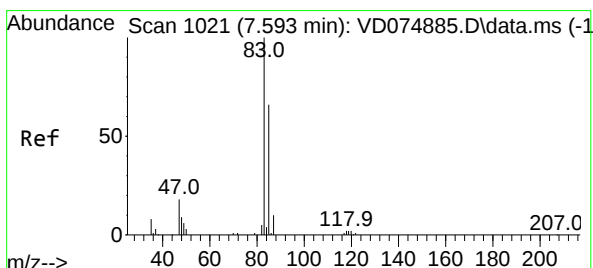
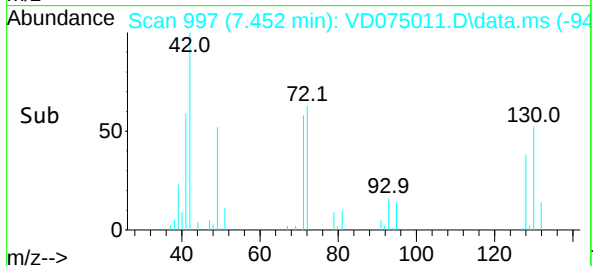
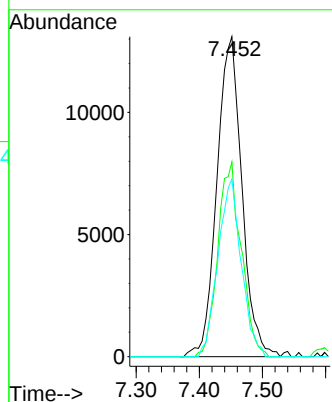
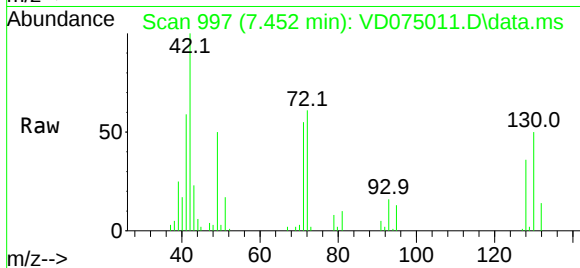
71 51.8 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#30

Chloroform

Concen: 53.131 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD075011.D

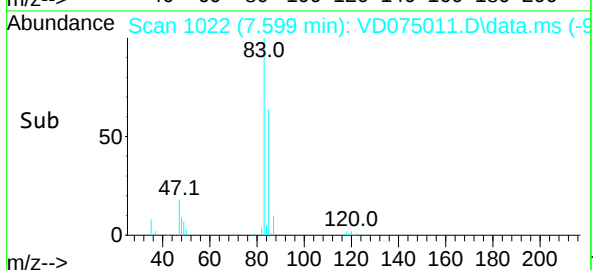
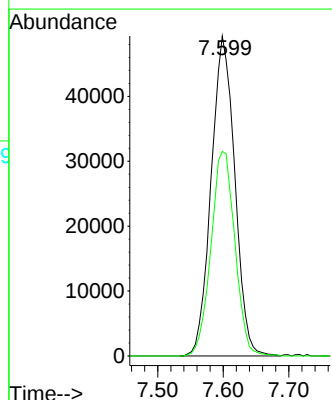
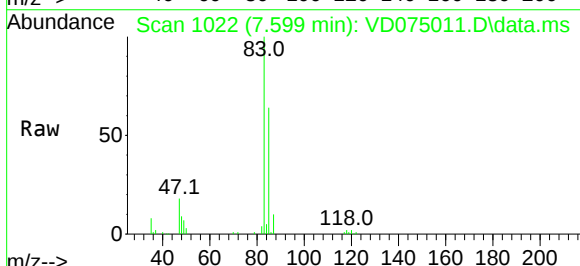
Acq: 21 Nov 2022 18:38

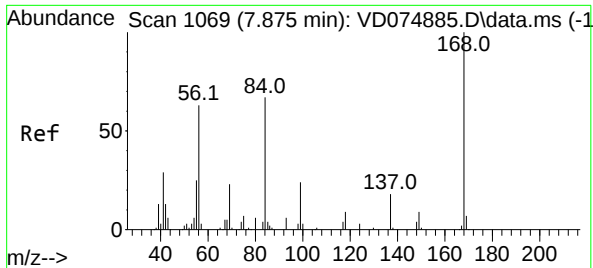
Tgt Ion: 83 Resp: 123232

Ion Ratio Lower Upper

83 100

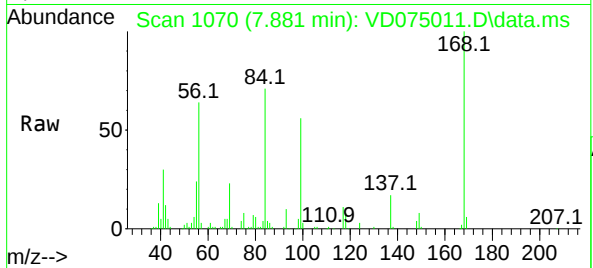
85 63.9 52.0 78.0





#31
Cyclohexane
Concen: 47.205 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

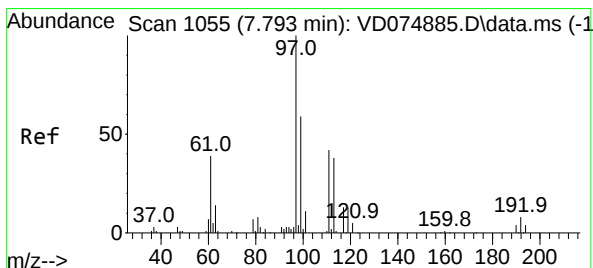
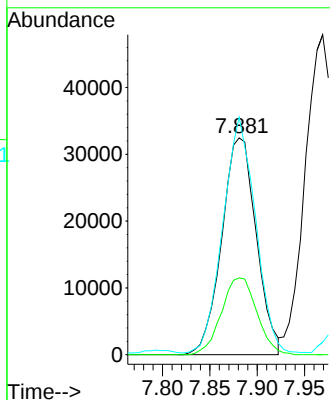
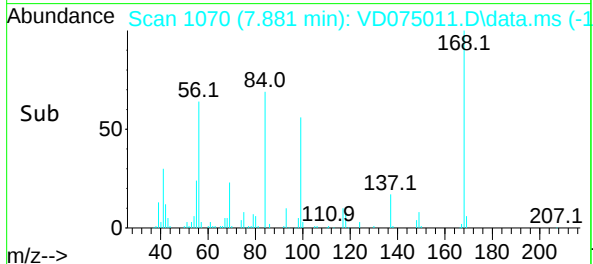
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



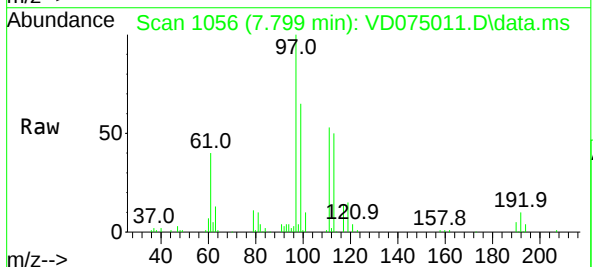
Tgt Ion: 56 Resp: 8243
Ion Ratio Lower Upper
56 100
69 35.4 29.2 43.8
84 108.5 83.4 125.2

Manual Integrations
APPROVED

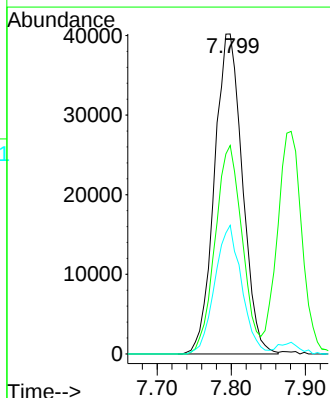
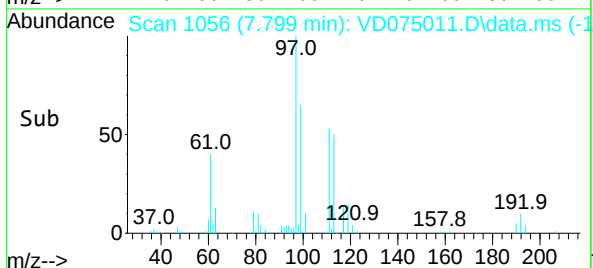
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

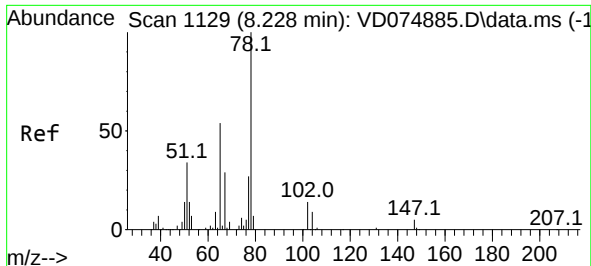


#32
1,1,1-Trichloroethane
Concen: 52.639 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



Tgt Ion: 97 Resp: 105221
Ion Ratio Lower Upper
97 100
99 63.3 53.3 79.9
61 38.6 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 61.571 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 4791

Ion Ratio Lower Upper

65 100

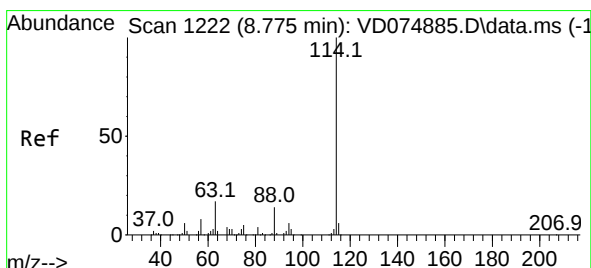
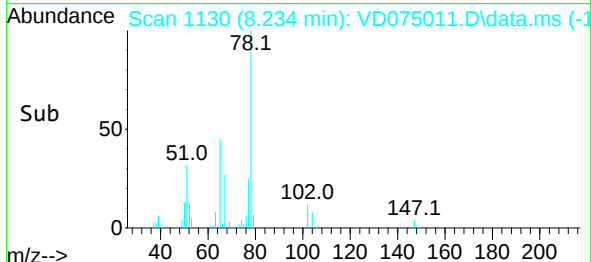
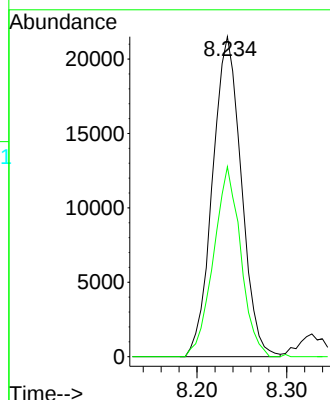
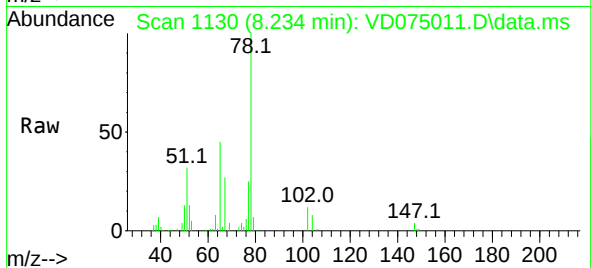
67 56.1 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

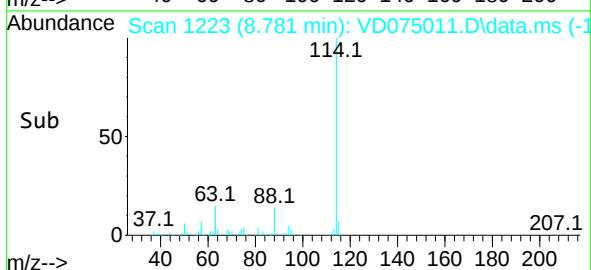
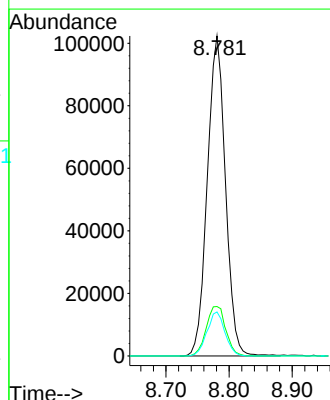
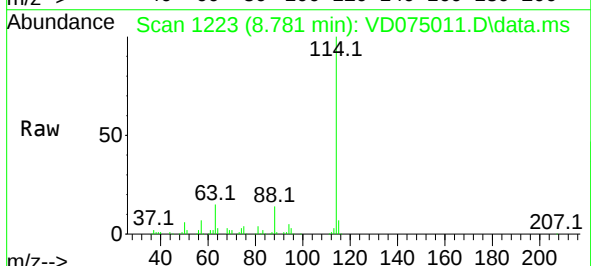
Tgt Ion:114 Resp: 204179

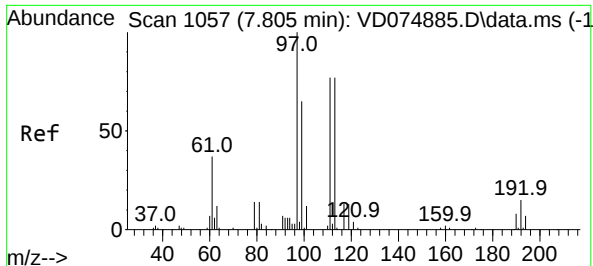
Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 13.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 50.221 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 63209

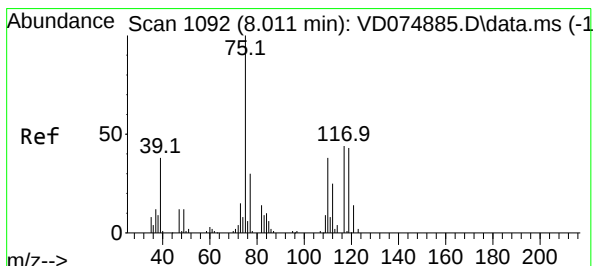
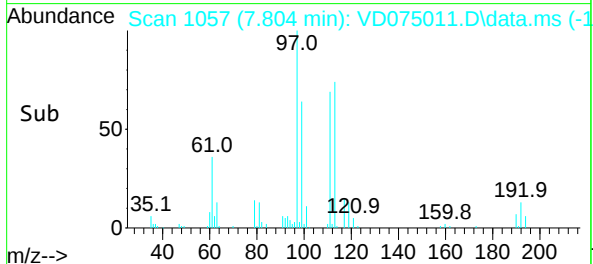
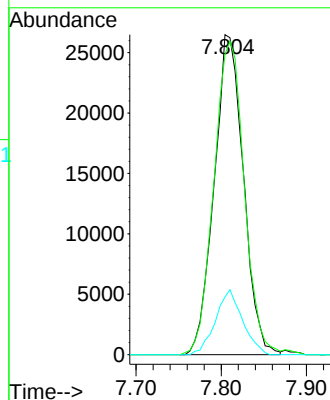
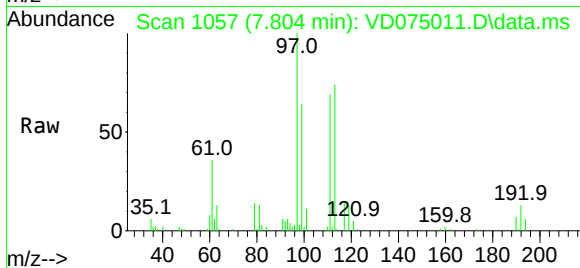
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.3	123.5
192	18.8	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#36

1,1-Dichloropropene

Concen: 46.843 ug/l

RT: 8.010 min Scan# 1092

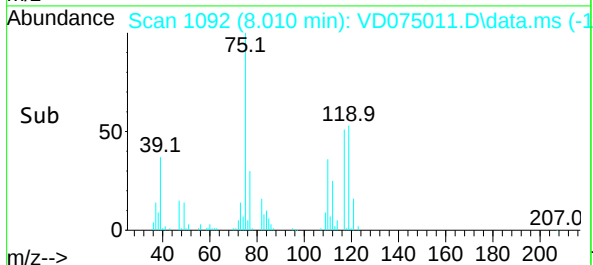
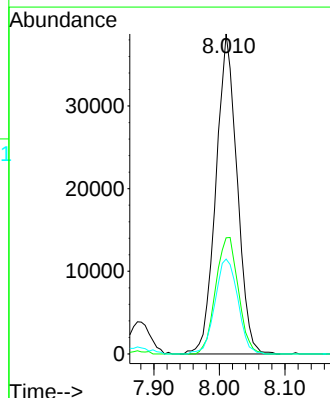
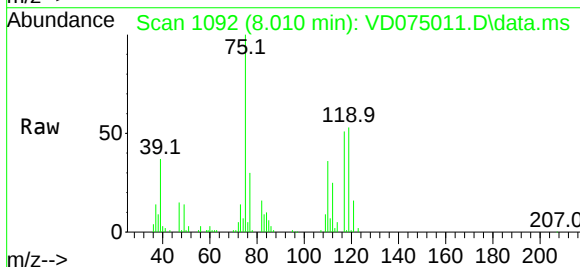
Delta R.T. -0.001 min

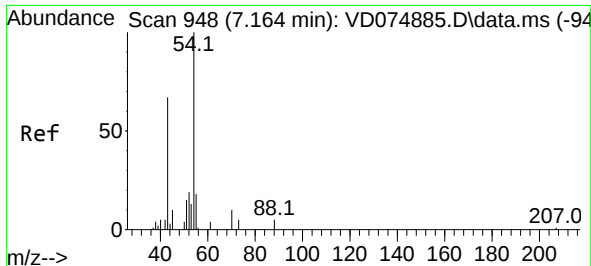
Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Tgt Ion: 75 Resp: 86649

Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.7	59.0
77	32.1	25.4	38.2





#37

Ethyl Acetate

Concen: 45.161 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.011 min

Lab File: VD075011.D

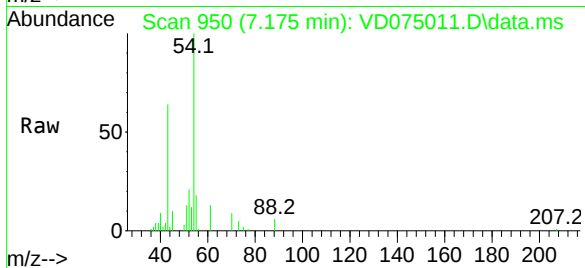
Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

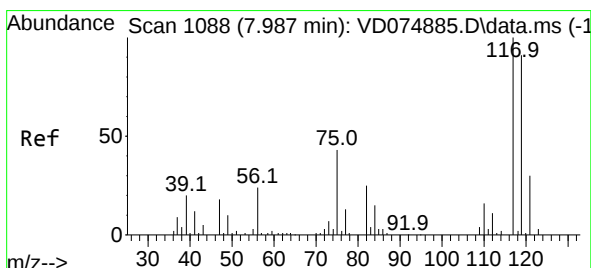
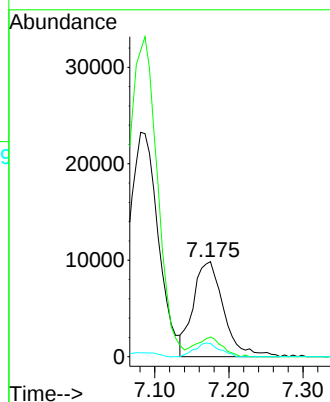
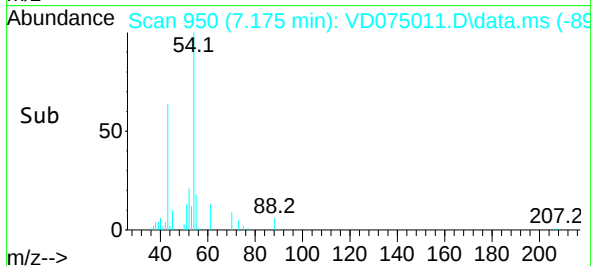
VSTDCCC050EC



Tgt Ion:	43	Resp:	2803
Ion	Ratio	Lower	Upper
43	100		
61	18.0	12.2	18.4
70	11.7	9.6	14.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#38

Carbon Tetrachloride

Concen: 46.190 ug/l

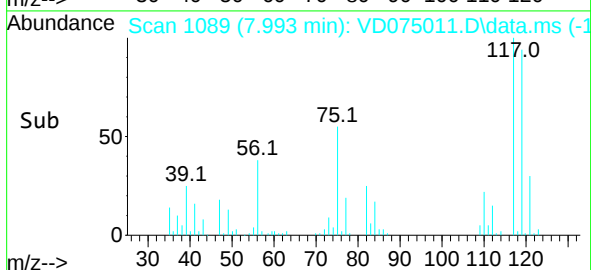
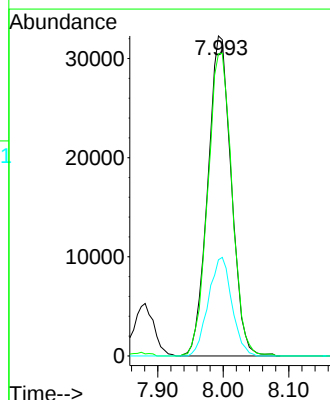
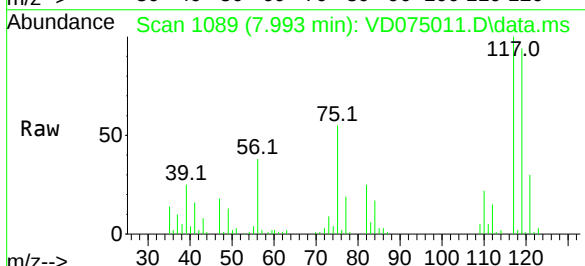
RT: 7.993 min Scan# 1089

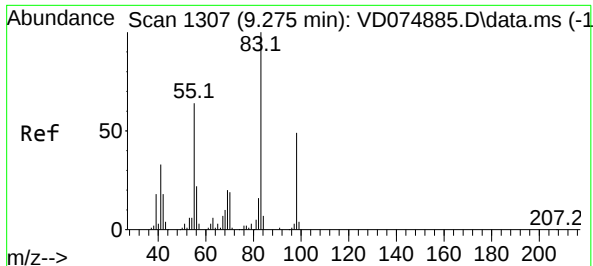
Delta R.T. 0.006 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

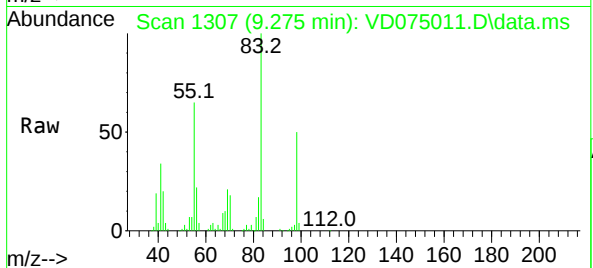
Tgt Ion:	117	Resp:	80425
Ion	Ratio	Lower	Upper
117	100		
119	94.3	73.1	109.7
121	30.0	25.0	37.6





#39
Methylcyclohexane
Concen: 49.667 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

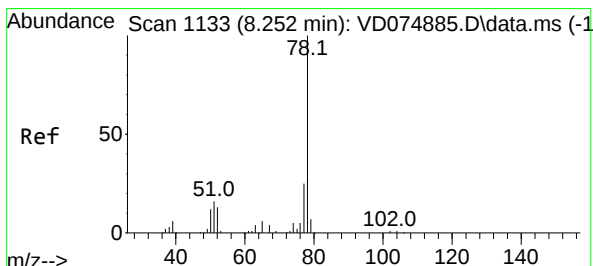
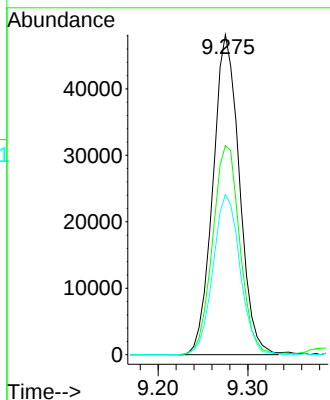
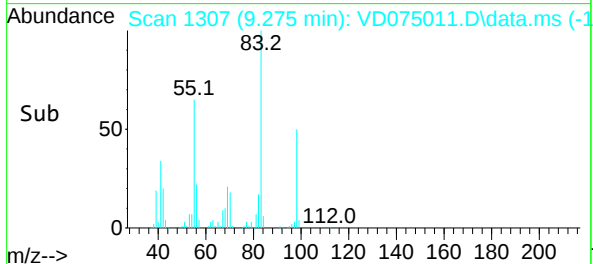
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 9842
Ion Ratio Lower Upper
83 100
55 65.3 49.0 73.4
98 50.0 41.7 62.5

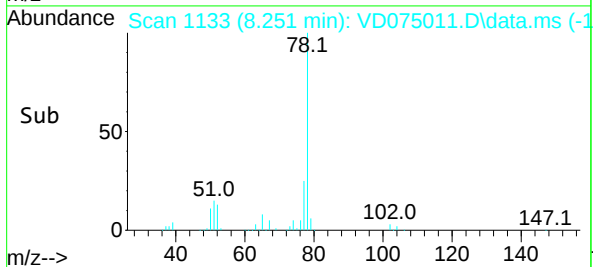
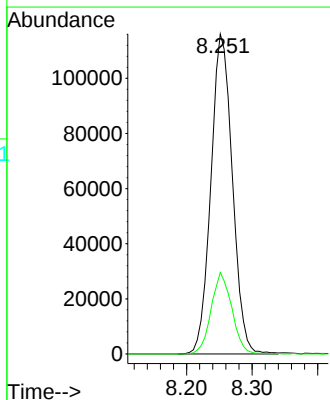
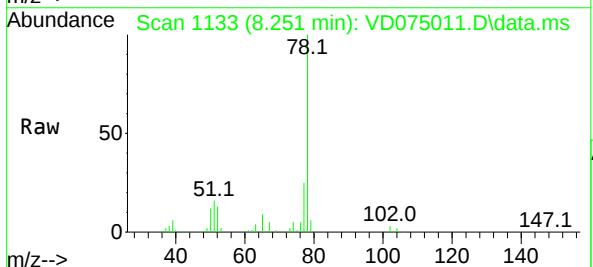
Manual Integrations
APPROVED

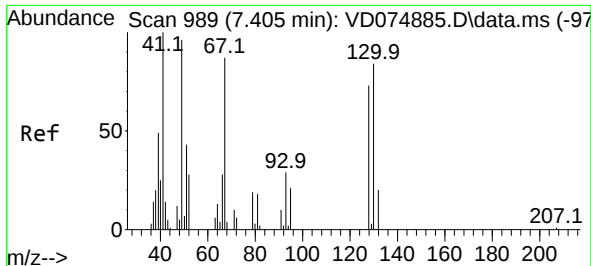
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#40
Benzene
Concen: 49.572 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.001 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

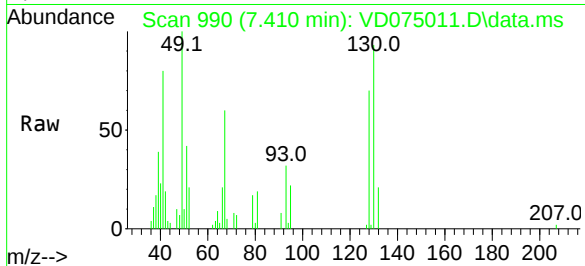
Tgt Ion: 78 Resp: 263668
Ion Ratio Lower Upper
78 100
77 25.4 20.1 30.1





#41
Methacrylonitrile
Concen: 48.963 ug/l
RT: 7.410 min Scan# 989
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

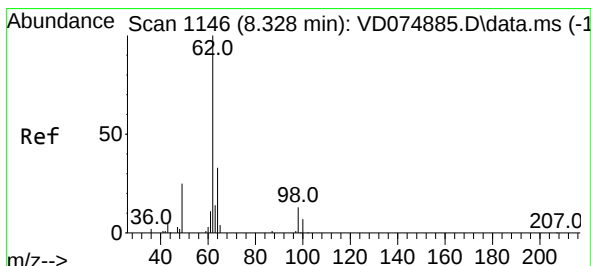
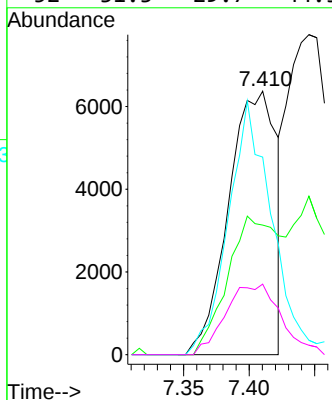
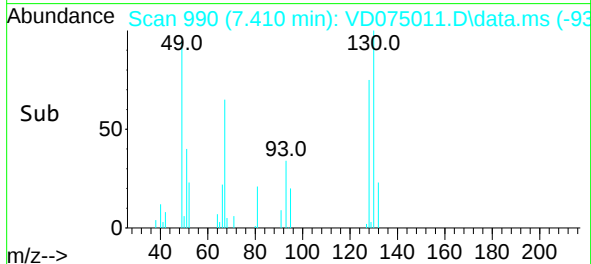
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 16119
Ion Ratio Lower Upper
41 100
39 59.4 35.0 52.6
67 88.4 77.0 115.6
52 31.3 29.7 44.5

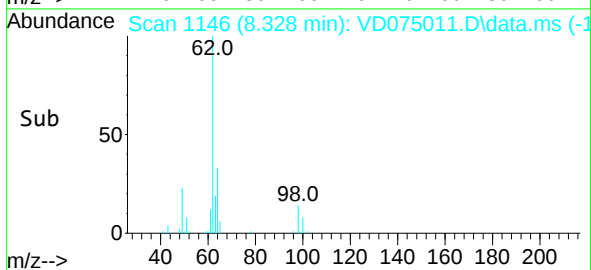
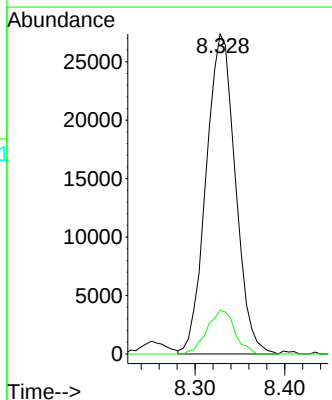
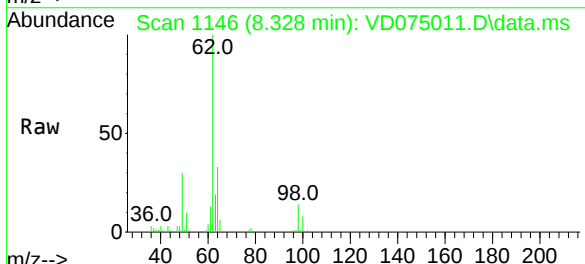
Manual Integrations
APPROVED

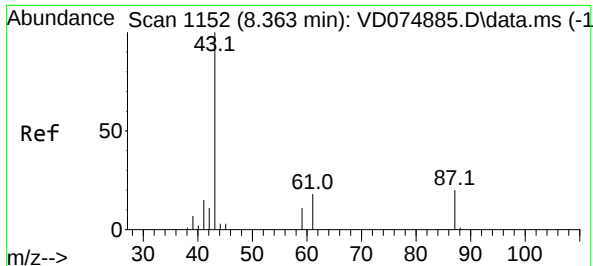
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#42
1,2-Dichloroethane
Concen: 48.697 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion: 62 Resp: 61987
Ion Ratio Lower Upper
62 100
98 12.9 0.0 24.2





#43

Isopropyl Acetate

Concen: 47.603 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 5204

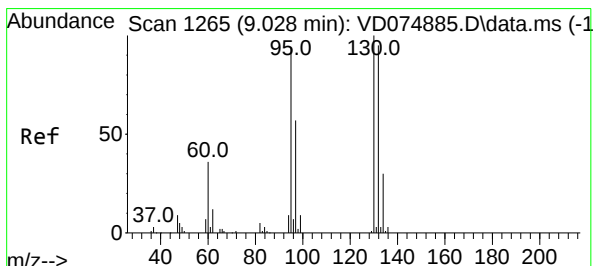
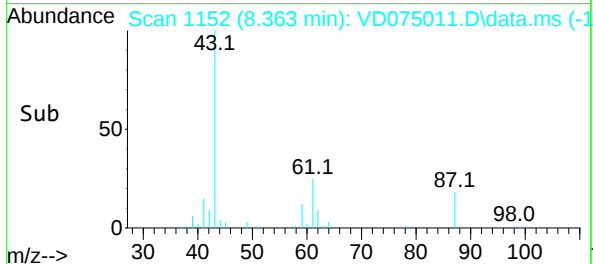
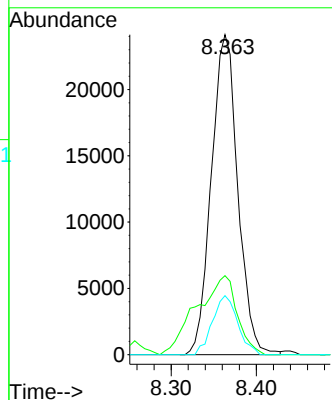
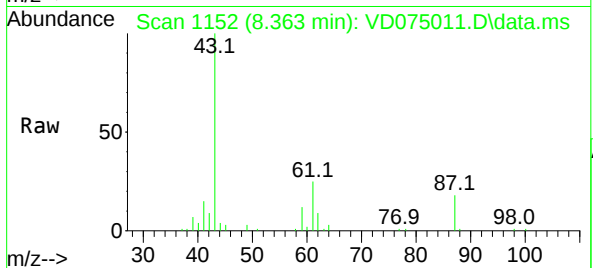
Ion	Ratio	Lower	Upper
43	100		
61	37.8	30.9	46.3
87	17.6	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#44

Trichloroethene

Concen: 53.816 ug/l

RT: 9.028 min Scan# 1265

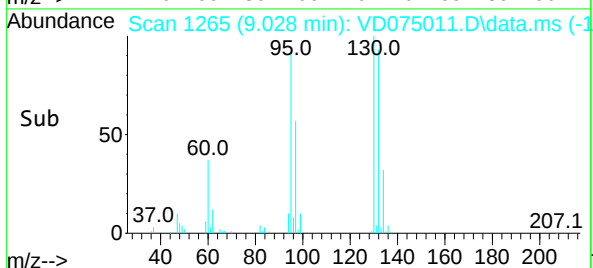
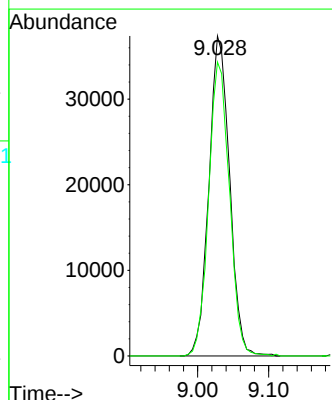
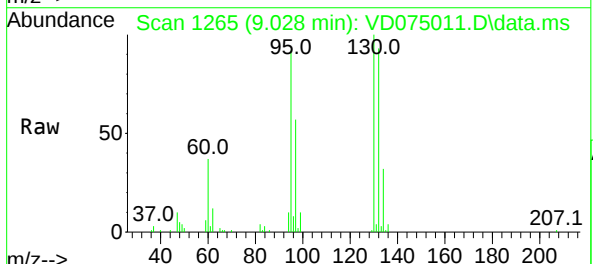
Delta R.T. -0.000 min

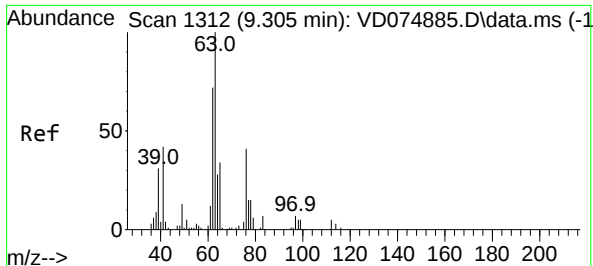
Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Tgt Ion:130 Resp: 75623

Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	185.4





#45

1,2-Dichloropropane

Concen: 53.860 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.001 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 64369

Ion Ratio Lower Upper

63 100

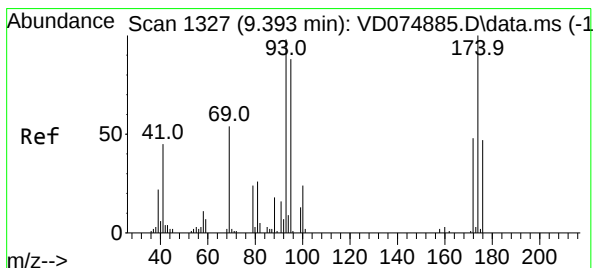
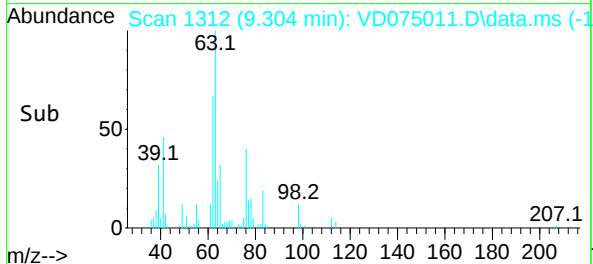
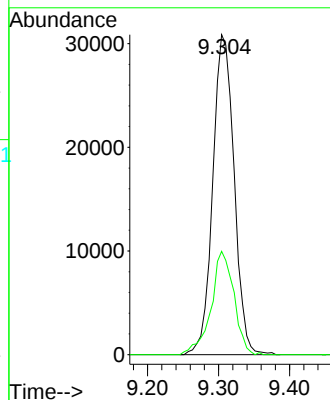
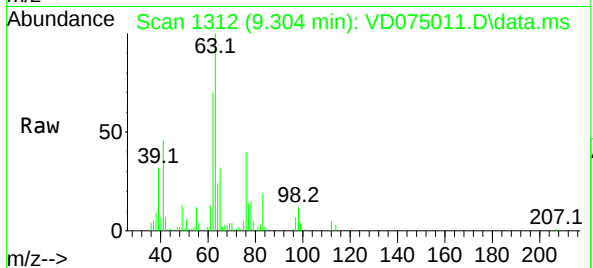
65 32.3 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#46

Dibromomethane

Concen: 53.372 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

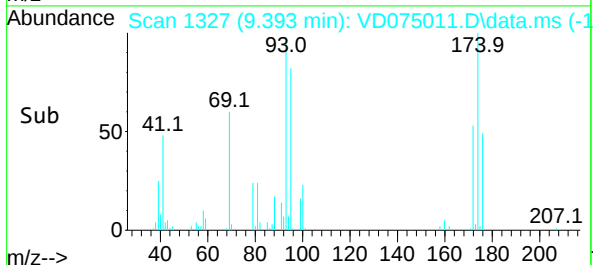
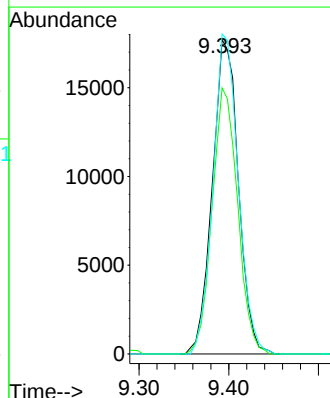
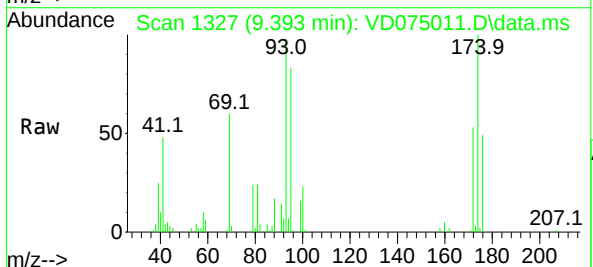
Tgt Ion: 93 Resp: 35722

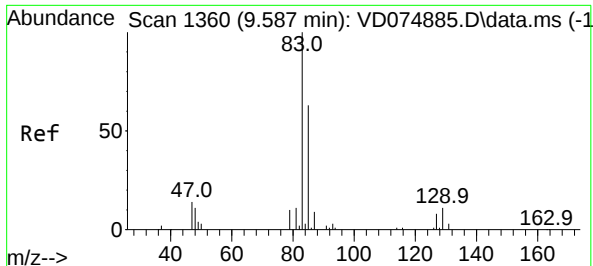
Ion Ratio Lower Upper

93 100

95 82.9 68.2 102.2

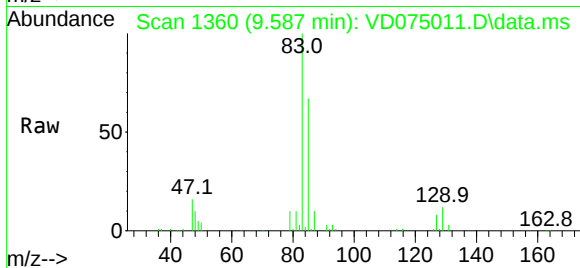
174 98.6 87.4 131.0





#47
Bromodichloromethane
Concen: 54.945 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

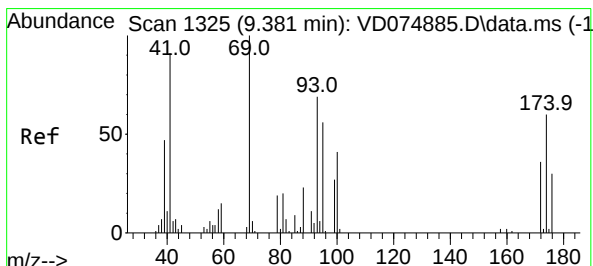
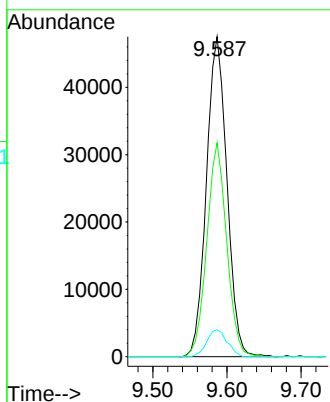
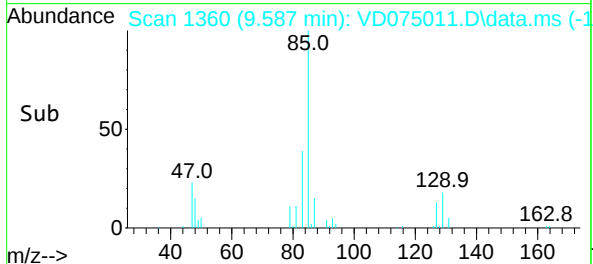
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



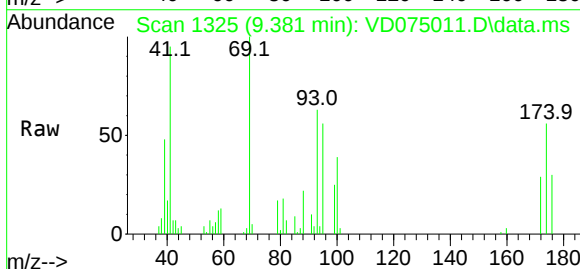
Tgt Ion: 83 Resp: 91268
Ion Ratio Lower Upper
83 100
85 66.9 48.8 73.2
127 8.4 6.7 10.1

Manual Integrations
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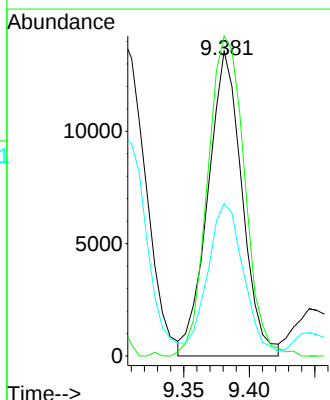
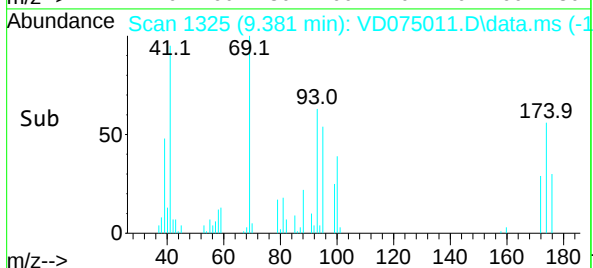
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

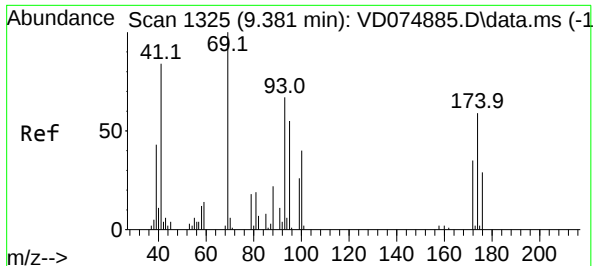


#48
Methyl methacrylate
Concen: 50.579 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



Tgt Ion: 41 Resp: 24494
Ion Ratio Lower Upper
41 100
69 113.4 93.0 139.4
39 49.9 44.6 66.8





#49

1,4-Dioxane

Concen: 994.576 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 653

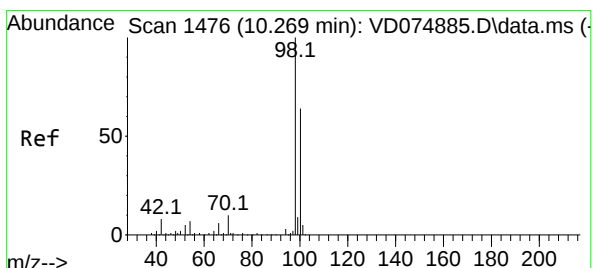
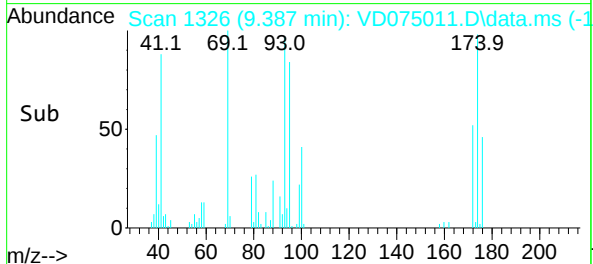
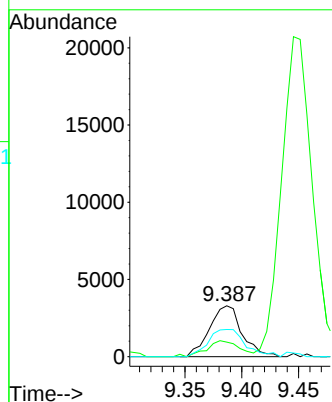
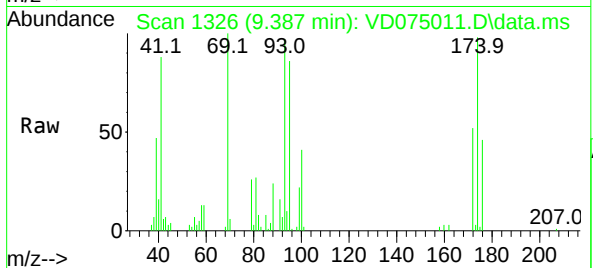
Ion	Ratio	Lower	Upper
88	100		
43	31.9	24.1	36.1
58	60.6	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#50

Toluene-d8

Concen: 54.470 ug/l

RT: 10.269 min Scan# 1476

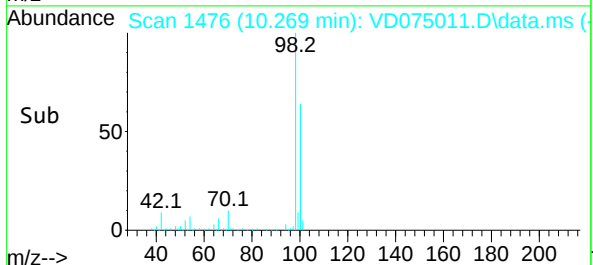
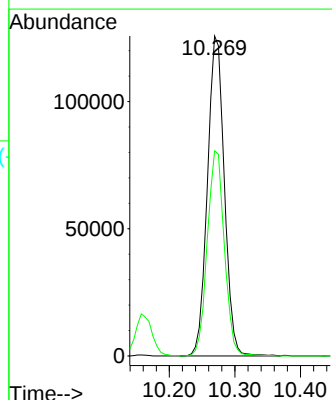
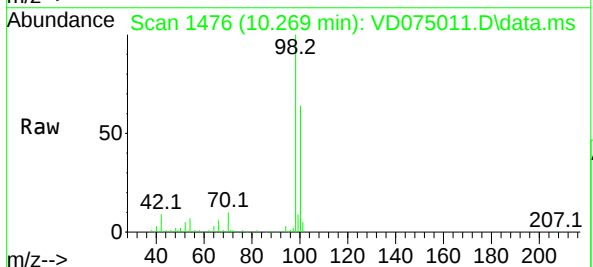
Delta R.T. 0.000 min

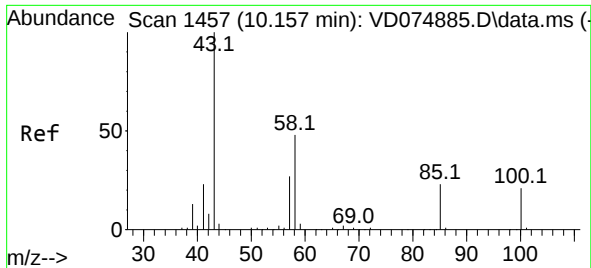
Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Tgt Ion: 98 Resp: 225829

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0





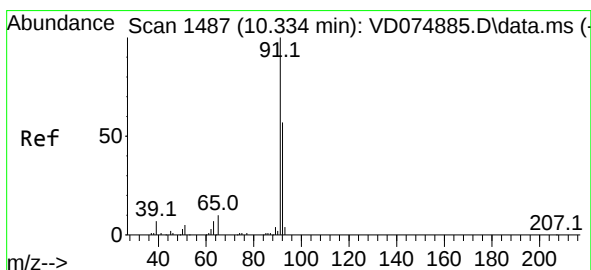
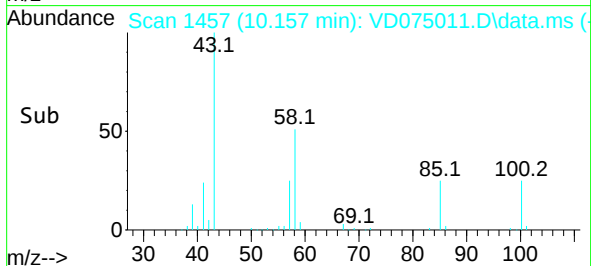
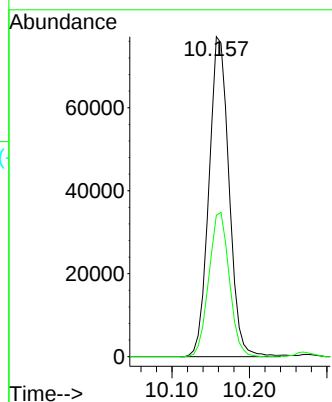
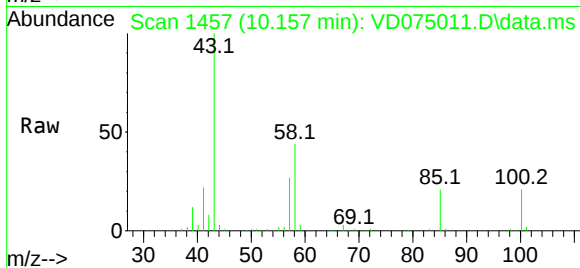
#51
4-Methyl-2-Pentanone
Concen: 267.055 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 13918
Ion Ratio Lower Upper
43 100
58 45.7 37.8 56.6

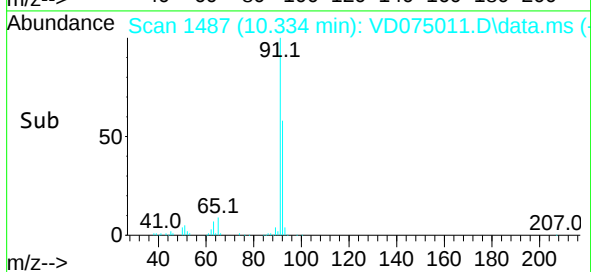
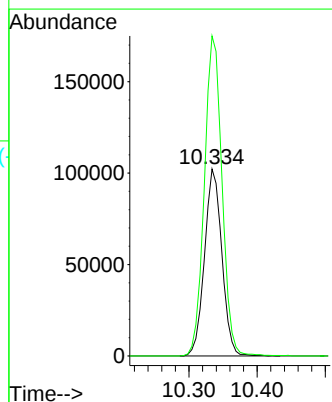
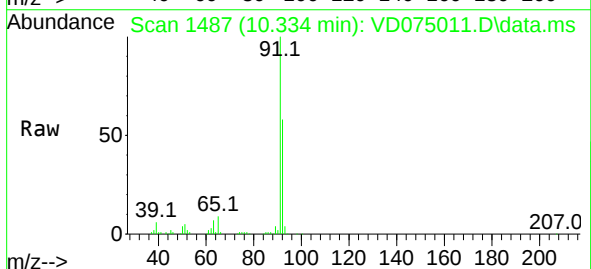
Manual Integrations
APPROVED

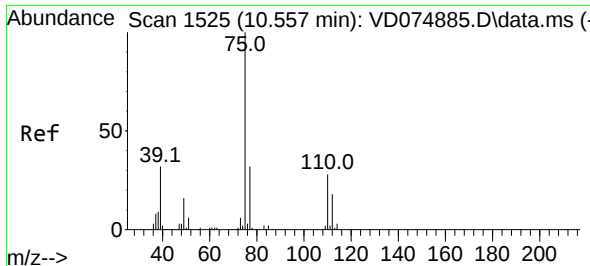
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#52
Toluene
Concen: 56.887 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion: 92 Resp: 180914
Ion Ratio Lower Upper
92 100
91 174.3 139.0 208.4





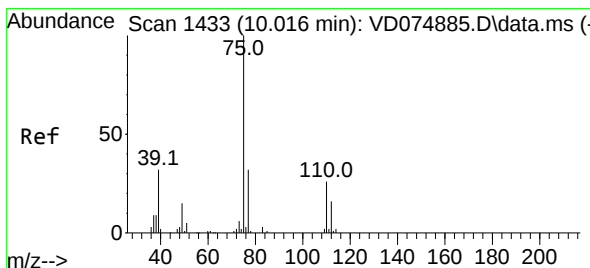
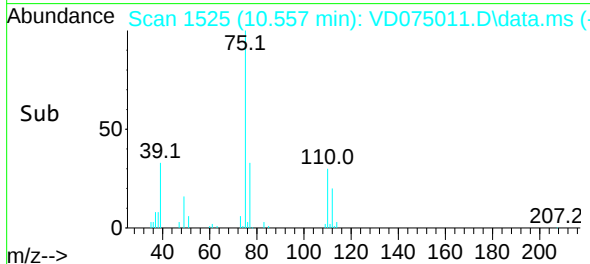
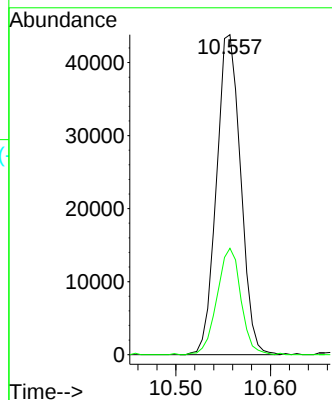
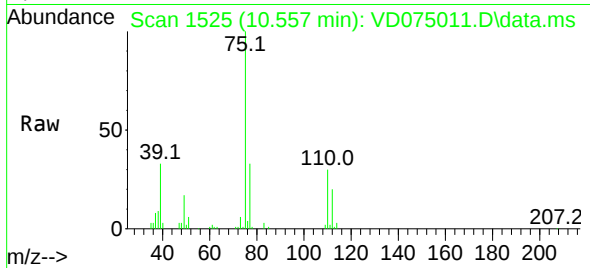
#53
 t-1,3-Dichloropropene
 Concen: 52.996 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075011.D
 Acq: 21 Nov 2022 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 77765
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.6 38.4

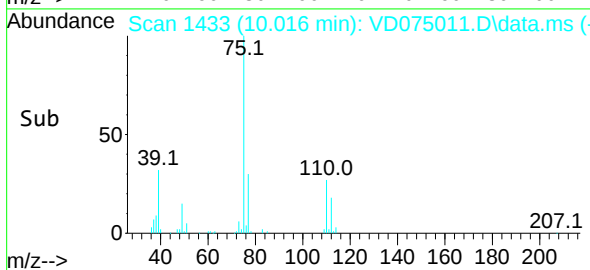
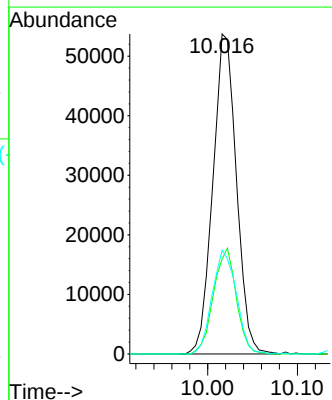
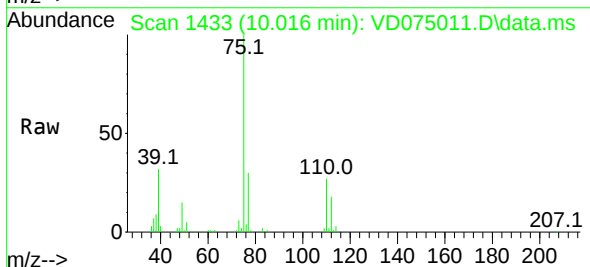
Manual Integrations
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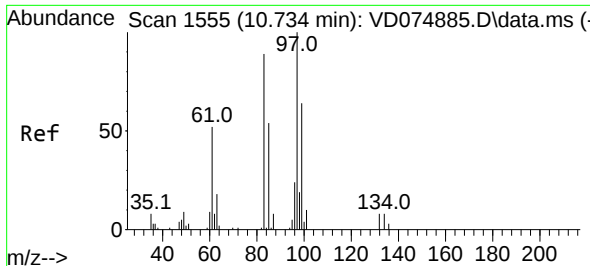
Reviewed By :Krupa Patel 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#54
 cis-1,3-Dichloropropene
 Concen: 54.384 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075011.D
 Acq: 21 Nov 2022 18:38

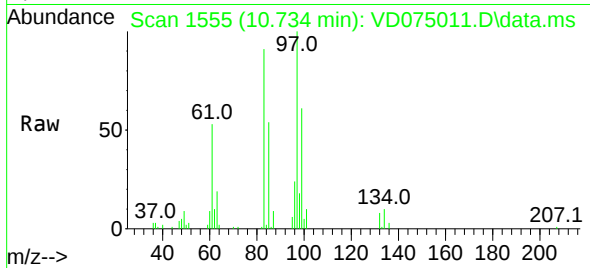
Tgt Ion: 75 Resp: 97865
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.7 37.1
 39 32.4 25.4 38.2





#55
1,1,2-Trichloroethane
Concen: 56.702 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

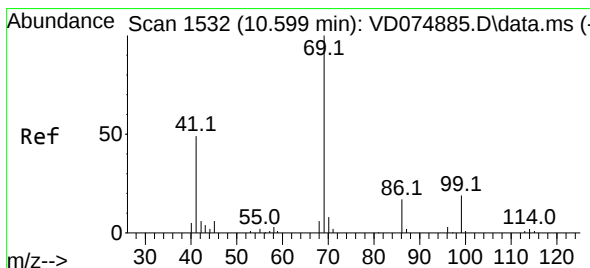
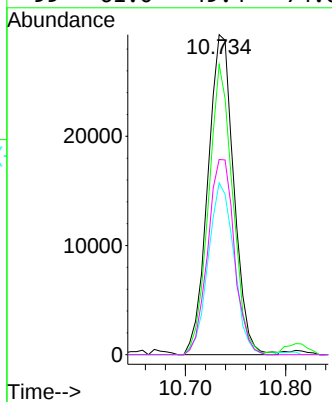
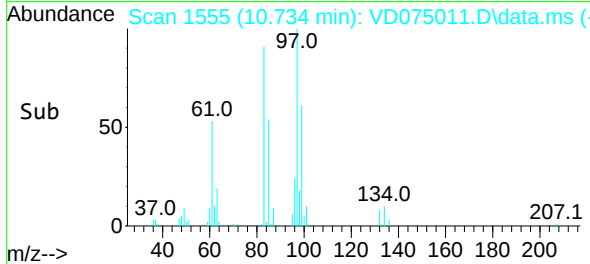
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



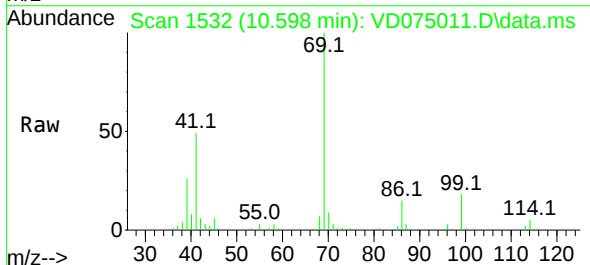
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.7	64.8	97.2
85	53.7	44.8	67.2
99	61.0	49.4	74.0

Manual Integrations
APPROVED

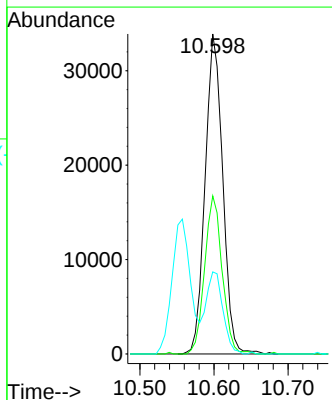
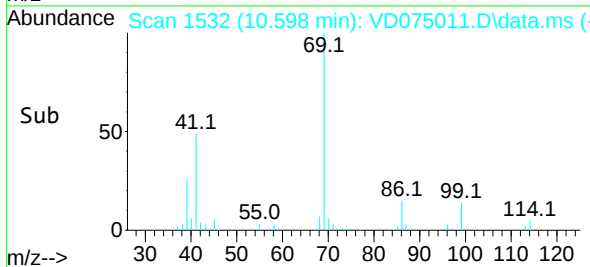
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

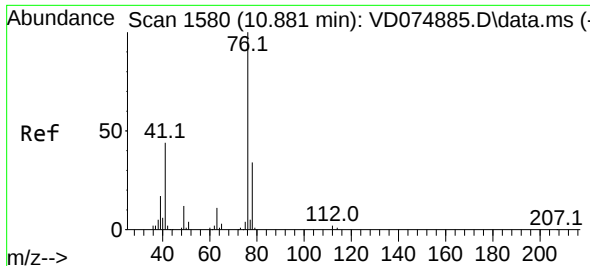


#56
Ethyl methacrylate
Concen: 49.726 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



Tgt Ion	Ratio	Lower	Upper
69	100		
41	49.3	38.6	58.0
39	24.6	19.9	29.9





#57

1,3-Dichloropropane

Concen: 56.168 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 84039

Ion Ratio Lower Upper

76 100

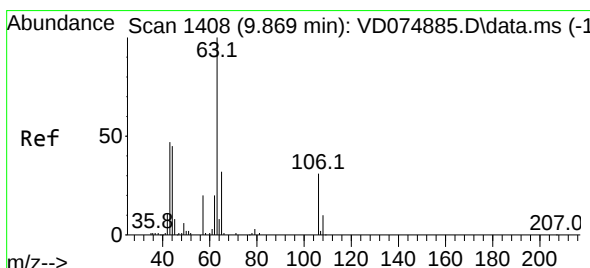
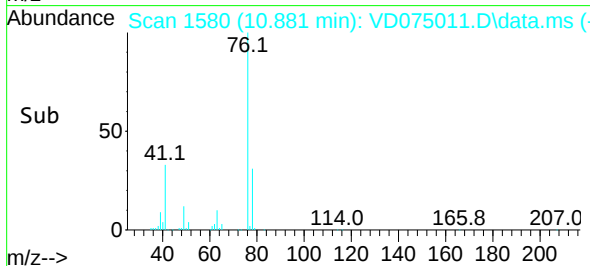
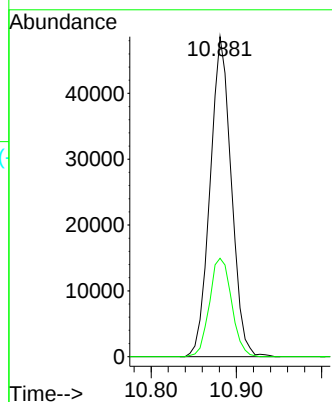
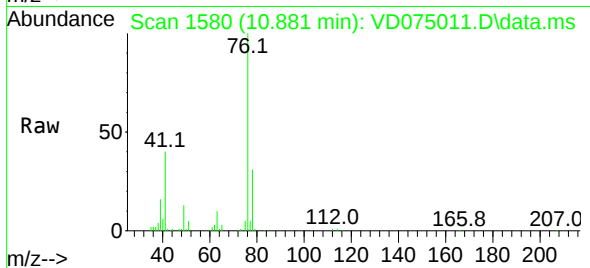
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 246.863 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075011.D

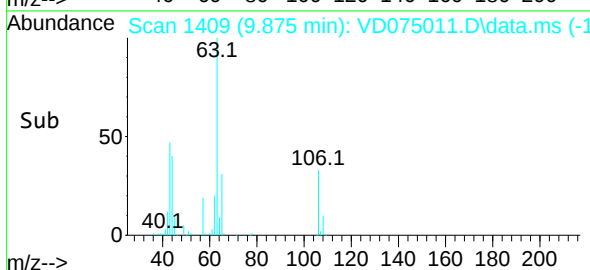
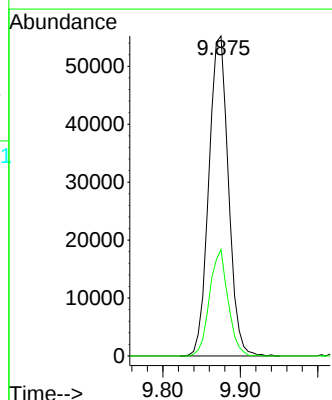
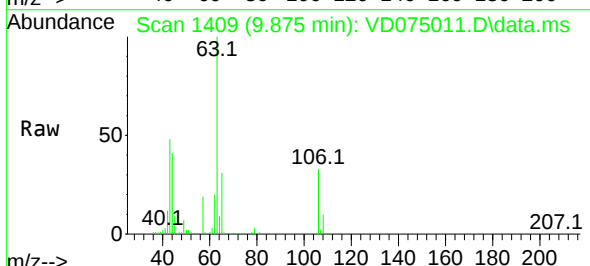
Acq: 21 Nov 2022 18:38

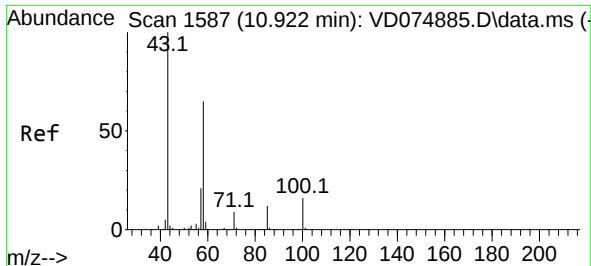
Tgt Ion: 63 Resp: 97059

Ion Ratio Lower Upper

63 100

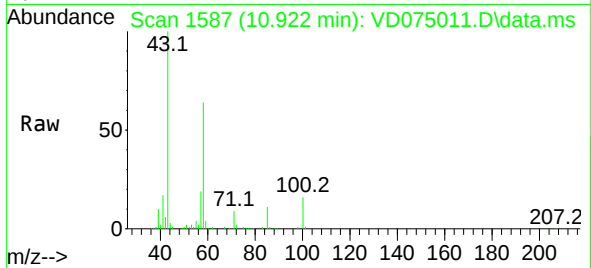
106 31.3 26.5 39.7





#59
2-Hexanone
Concen: 270.007 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

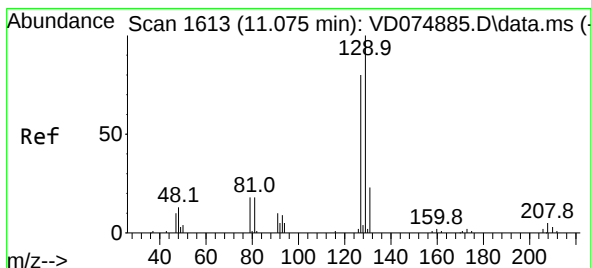
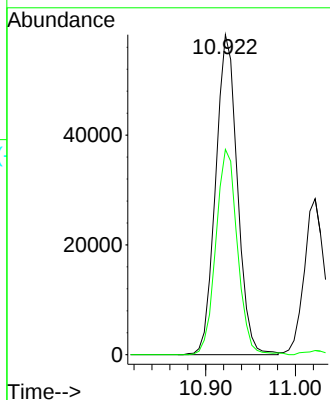
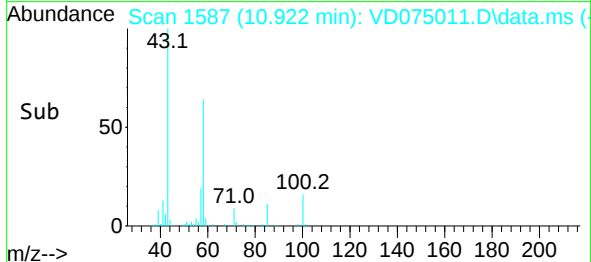
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



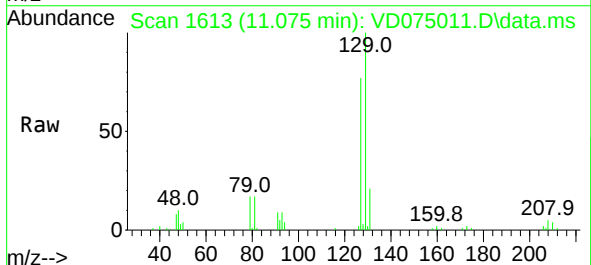
Tgt Ion: 43 Resp: 98098
Ion Ratio Lower Upper
43 100
58 63.6 32.0 96.2

Manual Integrations
APPROVED

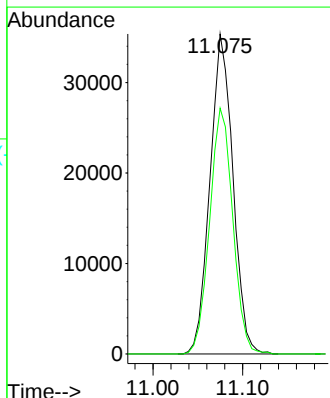
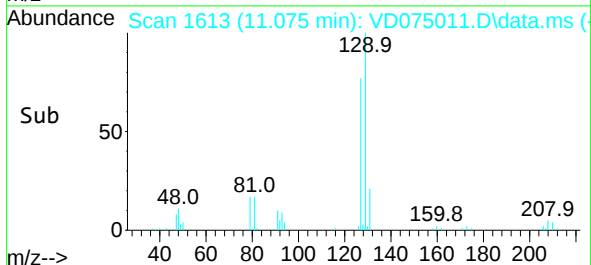
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

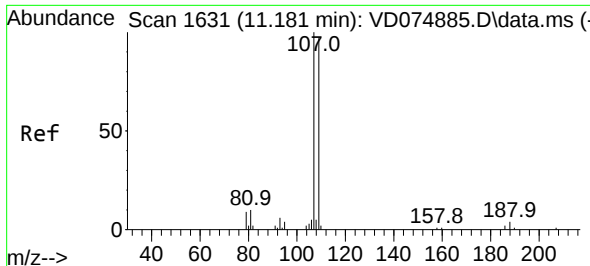


#60
Dibromochloromethane
Concen: 56.890 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



Tgt Ion:129 Resp: 62808
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





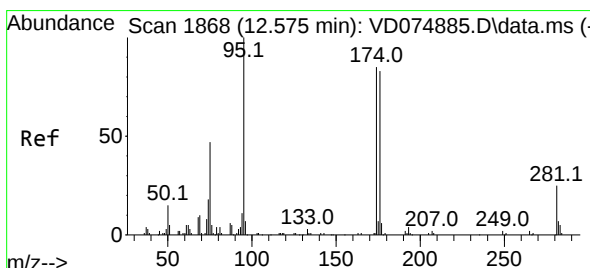
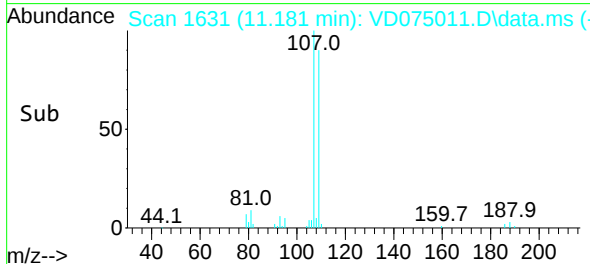
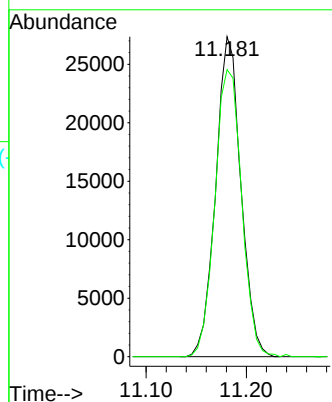
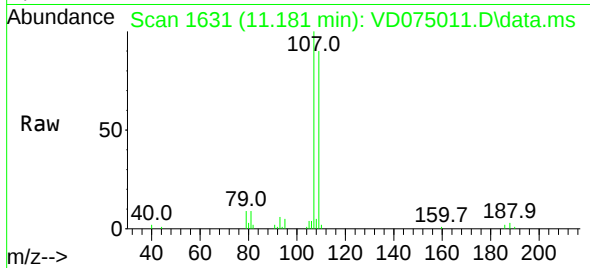
#61
1,2-Dibromoethane
Concen: 54.853 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 4774
Ion Ratio Lower Upper
107 100
109 95.2 74.6 111.8

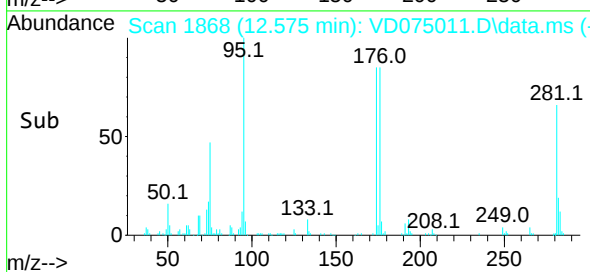
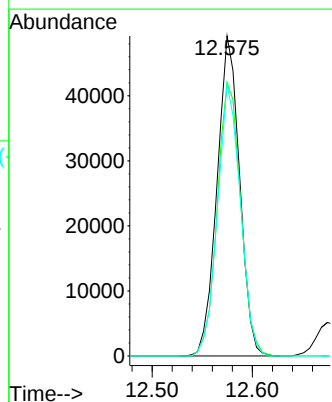
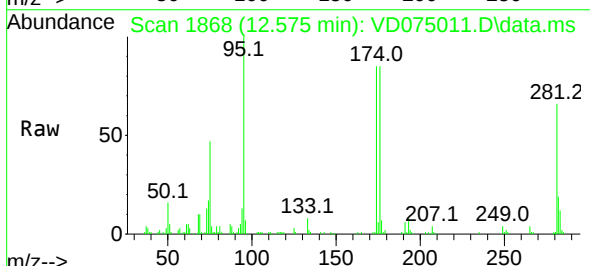
Manual Integrations
APPROVED

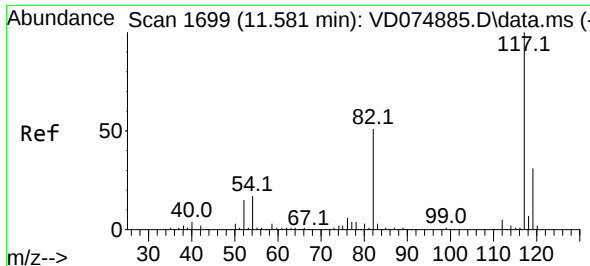
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#62
4-Bromofluorobenzene
Concen: 60.430 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

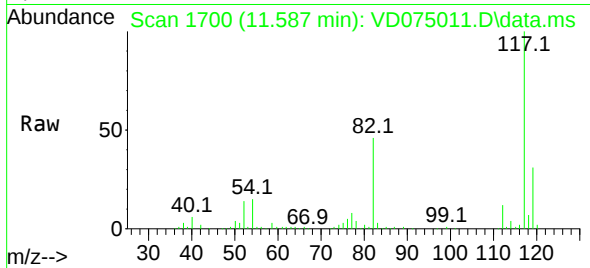
Tgt Ion: 95 Resp: 76932
Ion Ratio Lower Upper
95 100
174 88.6 0.0 197.0
176 86.1 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

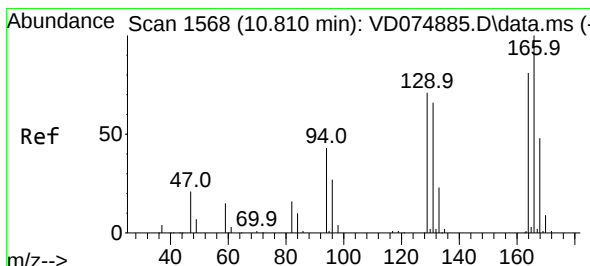
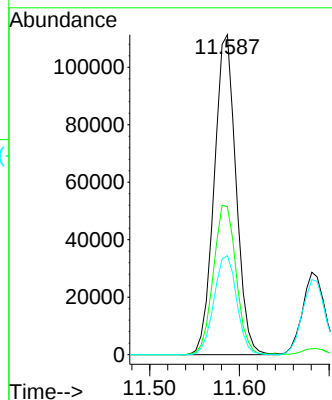
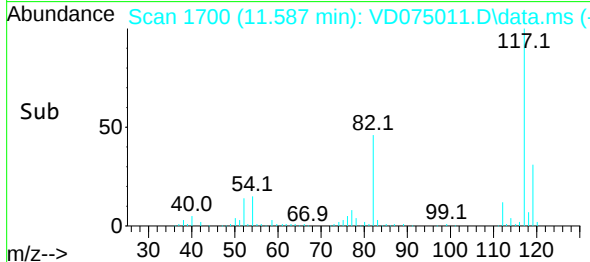
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 188518
Ion Ratio Lower Upper
117 100
82 46.2 41.6 62.4
119 31.0 25.2 37.8

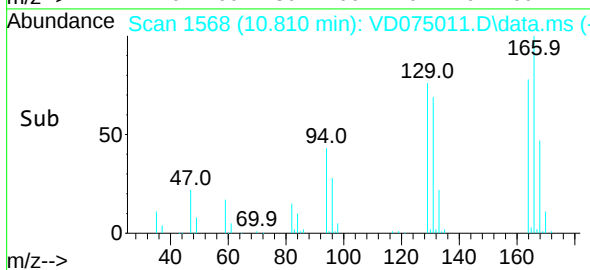
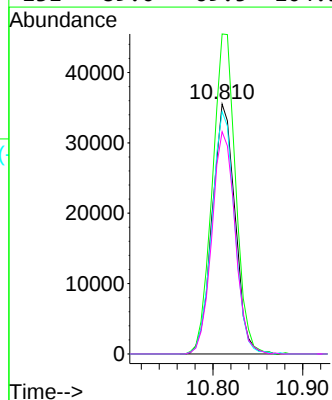
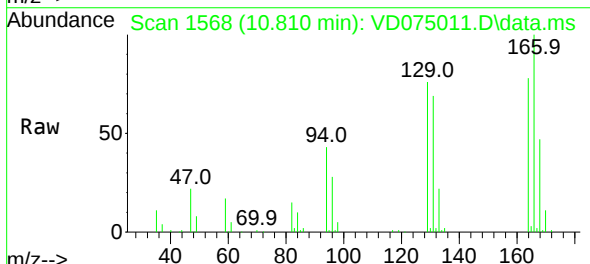
Manual Integrations
APPROVED

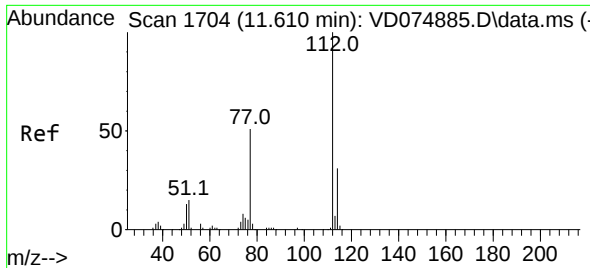
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#64
Tetrachloroethene
Concen: 49.553 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

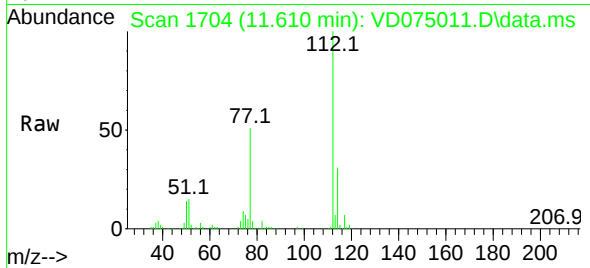
Tgt Ion:164 Resp: 62633
Ion Ratio Lower Upper
164 100
166 128.1 107.8 161.8
129 96.9 77.4 116.2
131 89.0 69.5 104.3





#65
Chlorobenzene
Concen: 53.200 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

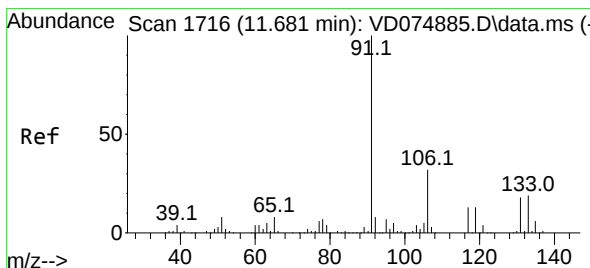
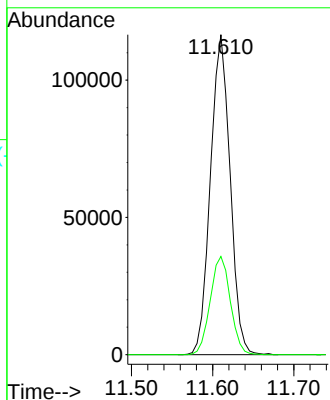
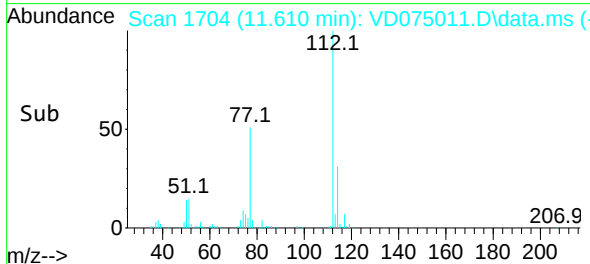
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



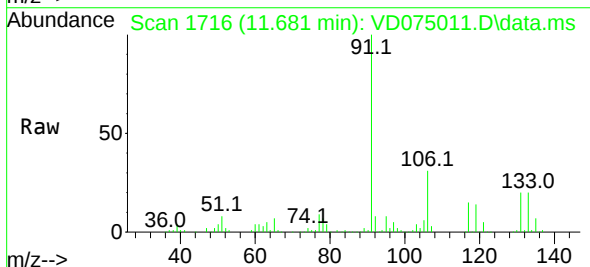
Tgt Ion:112 Resp: 19619
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7

Manual Integrations
APPROVED

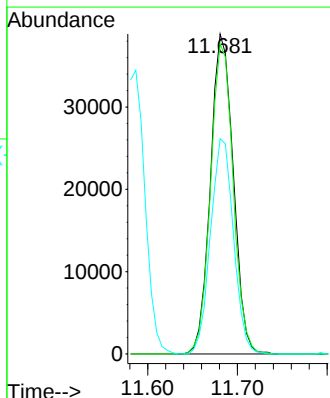
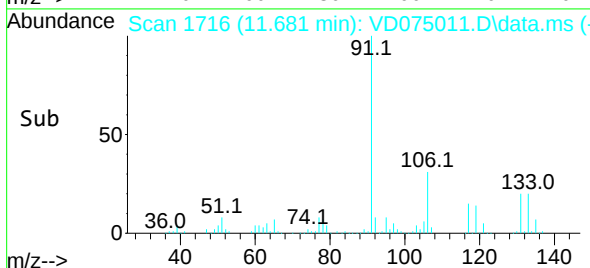
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

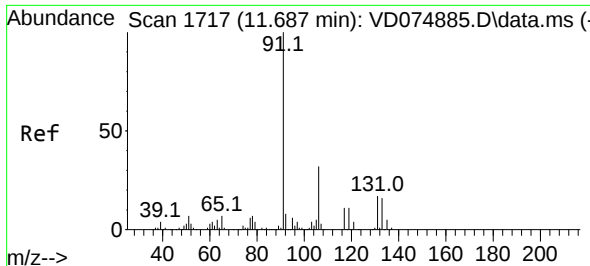


#66
1,1,1,2-Tetrachloroethane
Concen: 53.173 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



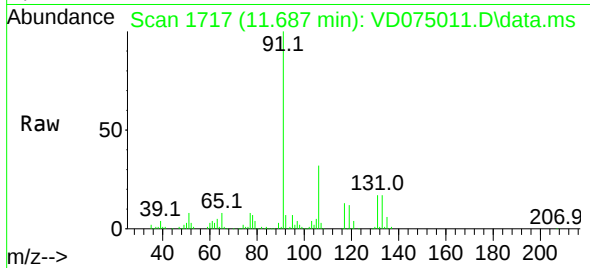
Tgt Ion:131 Resp: 68707
Ion Ratio Lower Upper
131 100
133 95.8 46.6 139.8
119 67.6 32.5 97.4





#67
Ethyl Benzene
Concen: 53.985 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

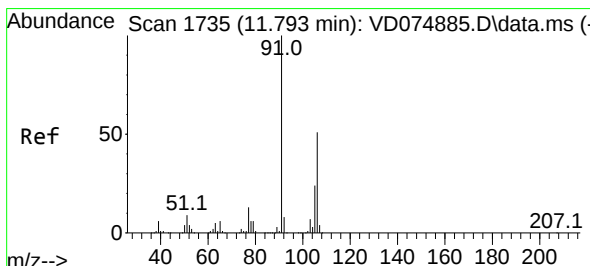
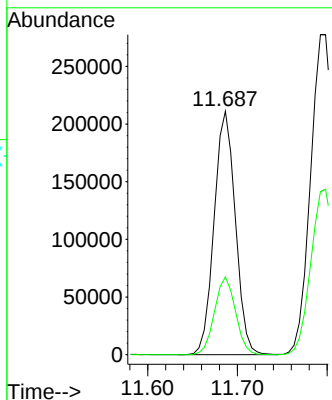
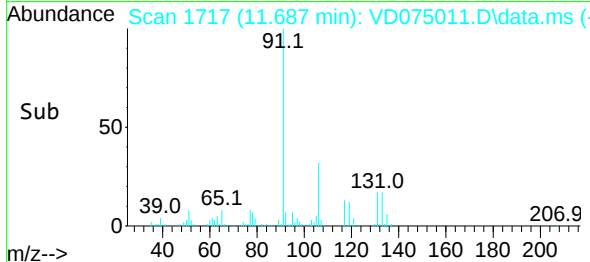
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



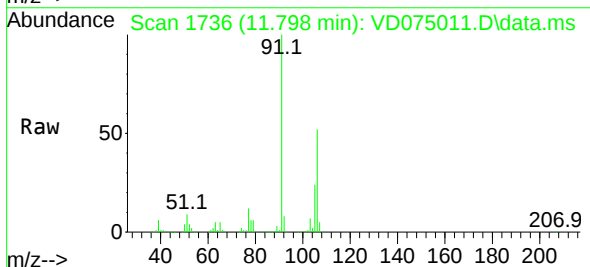
Tgt Ion: 91 Resp: 346854
Ion Ratio Lower Upper
91 100
106 32.0 26.6 40.0

Manual Integrations
APPROVED

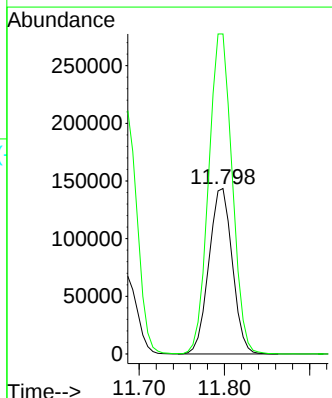
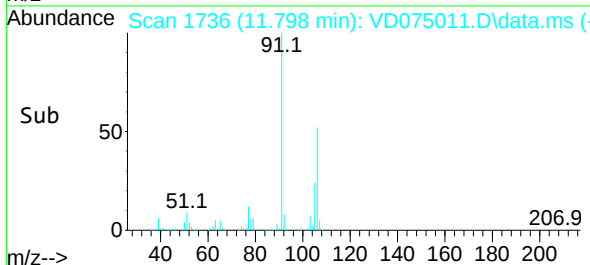
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

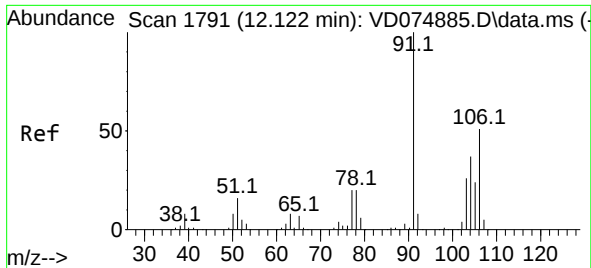


#68
m/p-Xylenes
Concen: 106.865 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



Tgt Ion:106 Resp: 273759
Ion Ratio Lower Upper
106 100
91 194.8 156.2 234.4





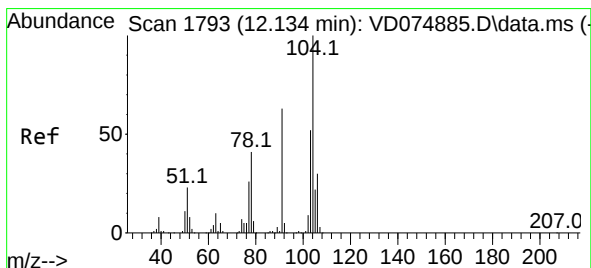
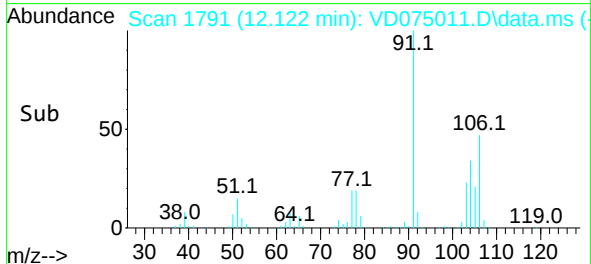
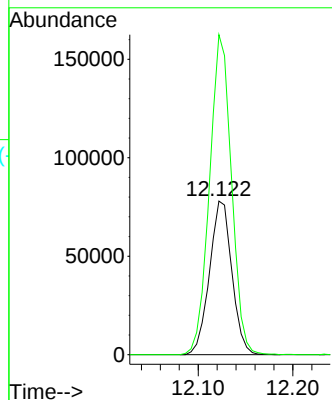
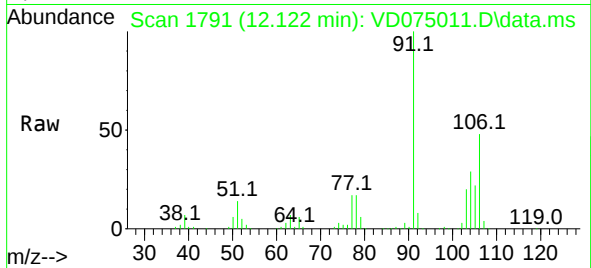
#69
o-Xylene
Concen: 54.367 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 128130
Ion Ratio Lower Upper
106 100
91 204.5 104.5 313.3

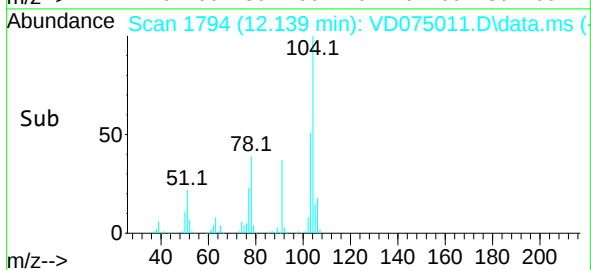
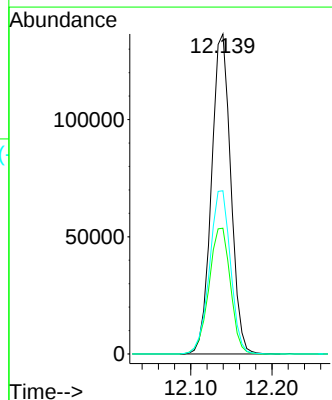
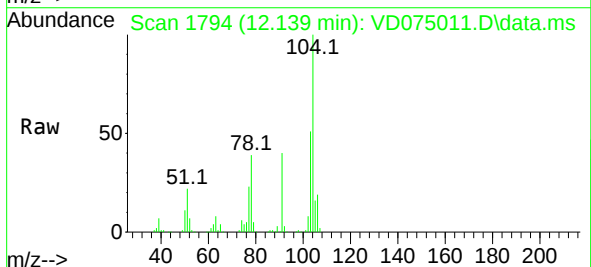
Manual Integrations
APPROVED

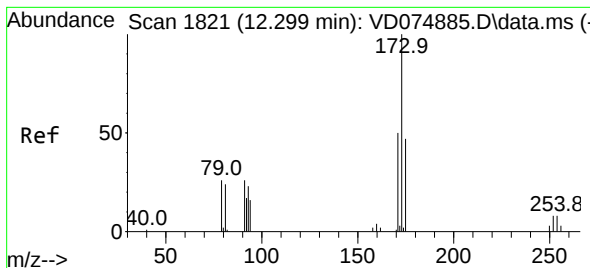
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#70
Styrene
Concen: 55.740 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion:104 Resp: 225191
Ion Ratio Lower Upper
104 100
78 43.8 35.7 53.5
103 55.4 43.7 65.5





#71

Bromoform

Concen: 53.181 ug/l

RT: 12.304 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

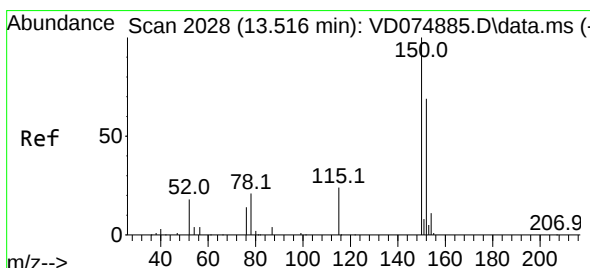
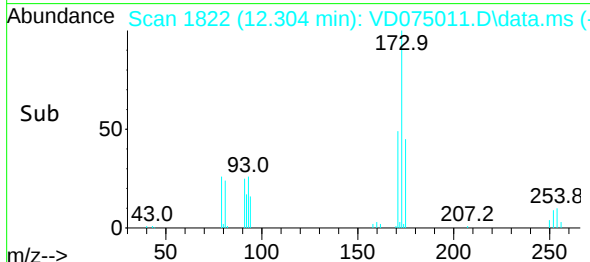
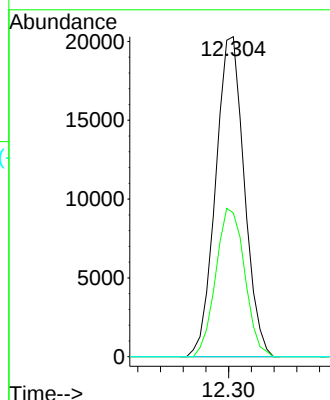
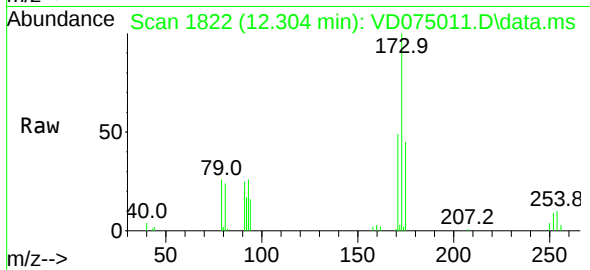
Tgt Ion:173	Resp:	35564
Ion Ratio	Lower	Upper
173	100	
175	46.8	23.1 69.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

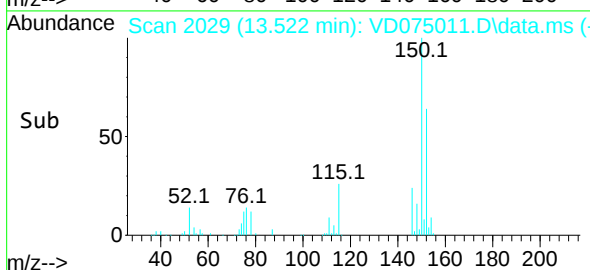
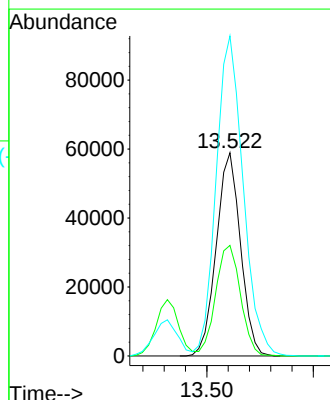
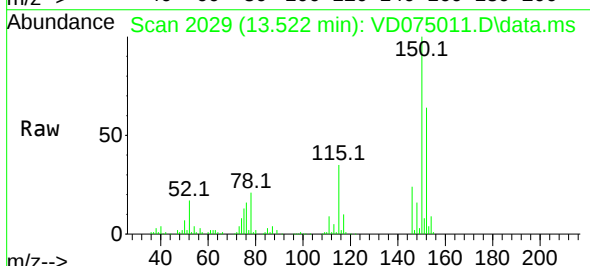
RT: 13.522 min Scan# 2029

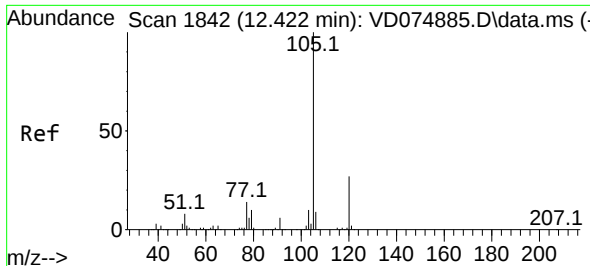
Delta R.T. 0.006 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

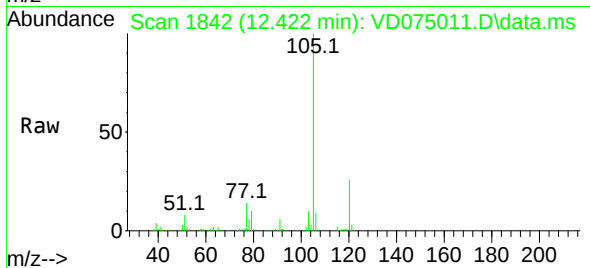
Tgt Ion:152	Resp:	92883
Ion Ratio	Lower	Upper
152	100	
115	55.7	26.8 80.4
150	175.7	0.0 348.2





#73
Isopropylbenzene
Concen: 53.616 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

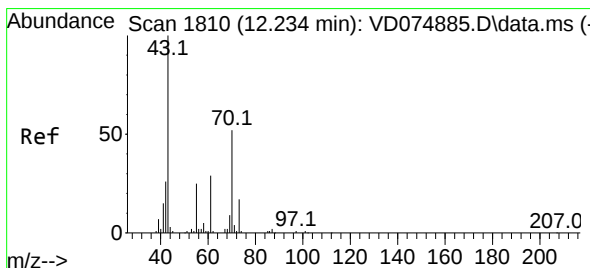
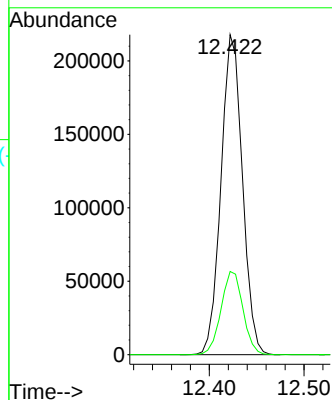
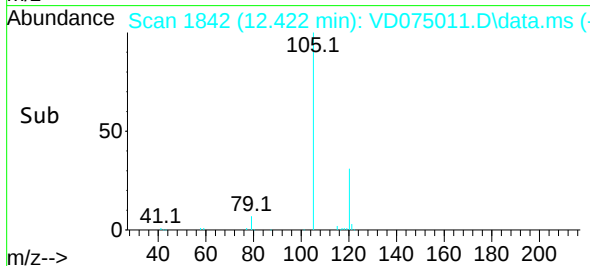
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



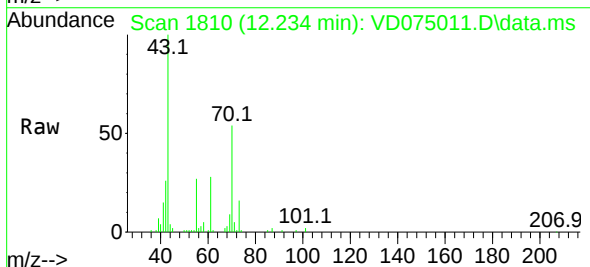
Tgt Ion: 105 Resp: 342772
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

Manual Integrations
APPROVED

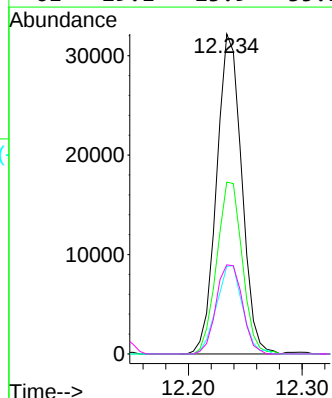
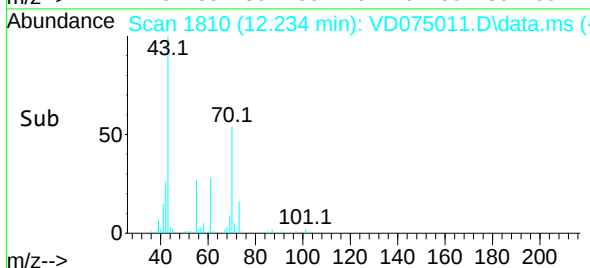
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

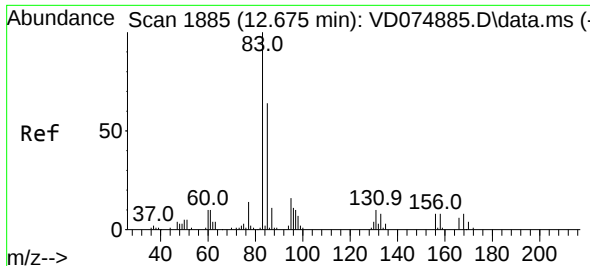


#74
N-ethyl acetate
Concen: 46.940 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



Tgt Ion: 43 Resp: 49374
Ion Ratio Lower Upper
43 100
70 54.6 43.8 65.6
55 28.6 22.0 33.0
61 29.1 23.9 35.9





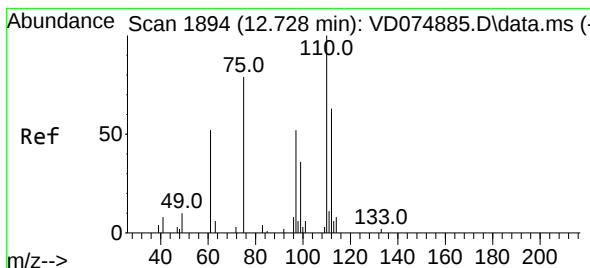
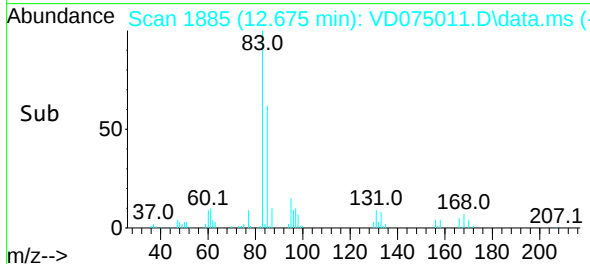
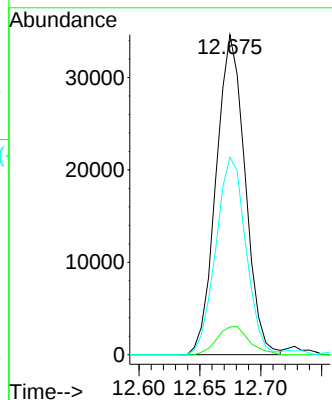
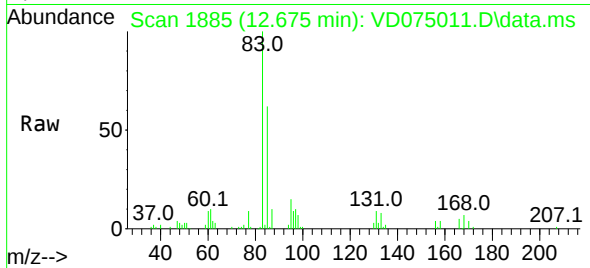
#75
1,1,2,2-Tetrachloroethane
Concen: 50.611 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 5723
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 64.1 33.1 99.2

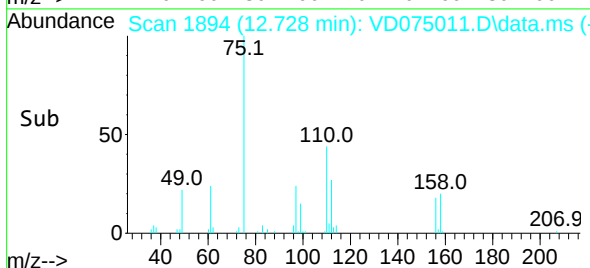
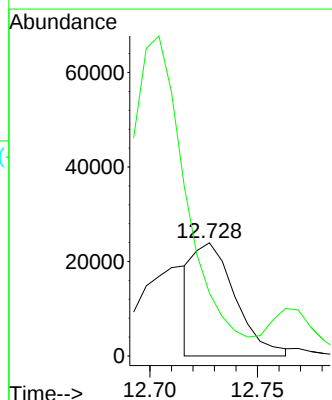
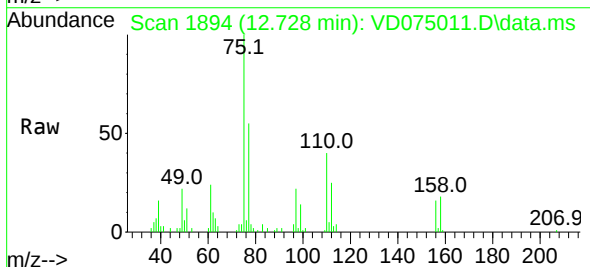
Manual Integrations
APPROVED

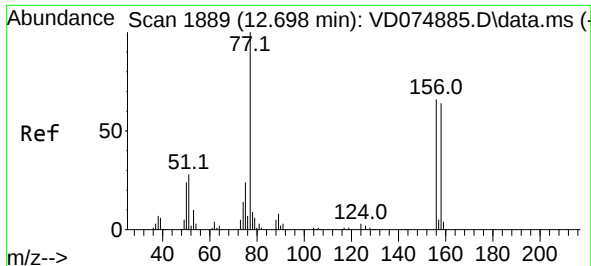
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#76
1,2,3-Trichloropropane
Concen: 41.927 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion: 75 Resp: 32572
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





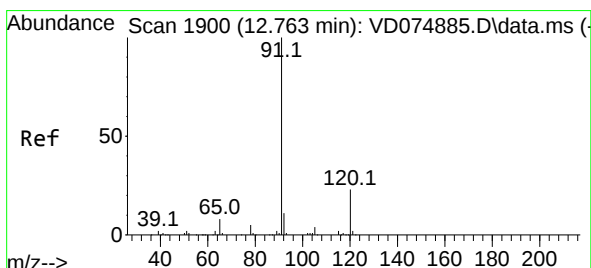
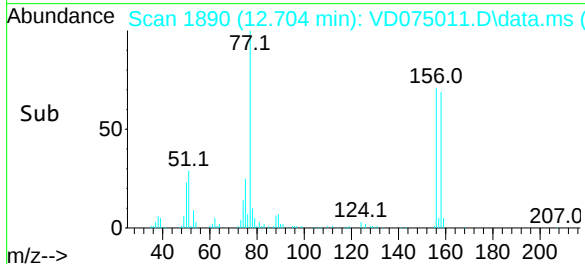
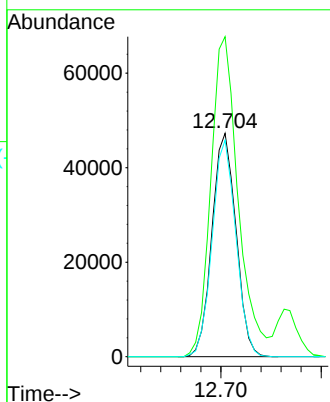
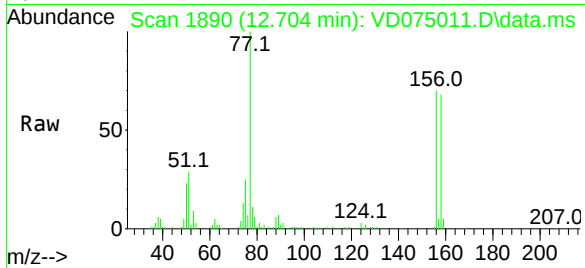
#77
Bromobenzene
Concen: 52.506 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 7855
Ion Ratio Lower Upper
156 100
77 162.3 77.7 233.1
158 95.7 49.4 148.2

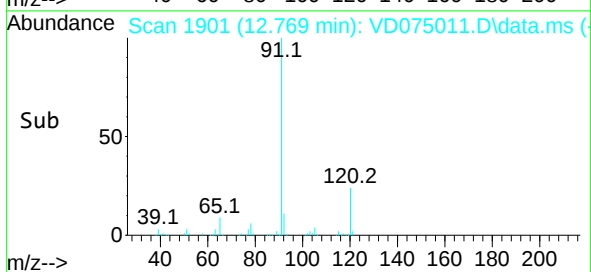
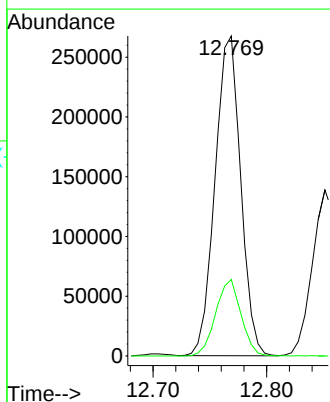
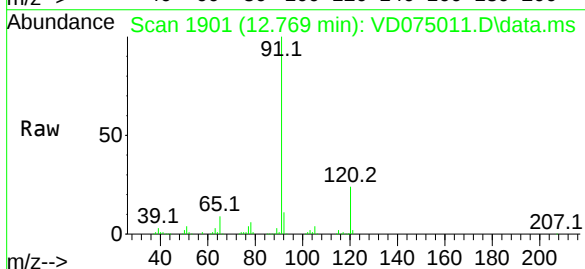
Manual Integrations
APPROVED

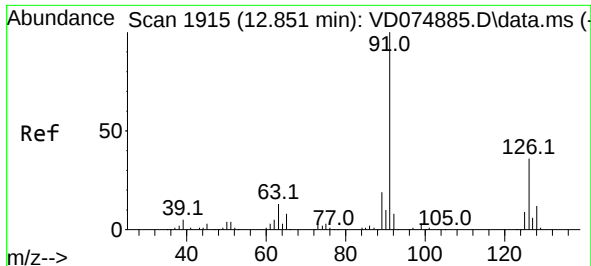
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#78
n-propylbenzene
Concen: 53.398 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion: 91 Resp: 419626
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.7





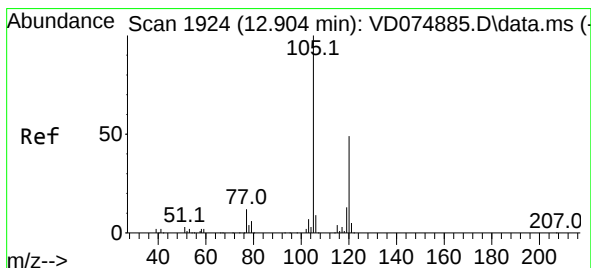
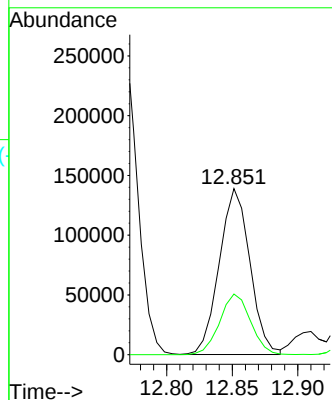
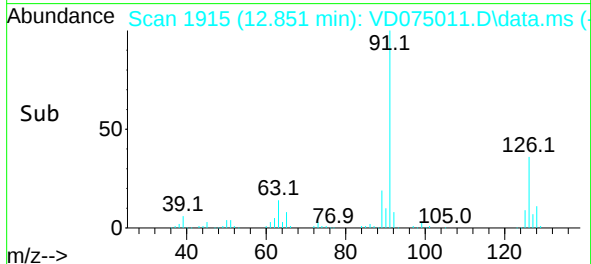
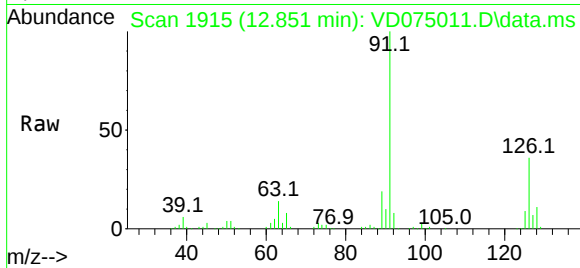
#79
2-Chlorotoluene
Concen: 53.323 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 225784
Ion Ratio Lower Upper
91 100
126 36.8 18.3 54.8

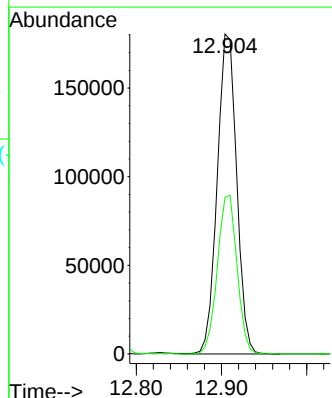
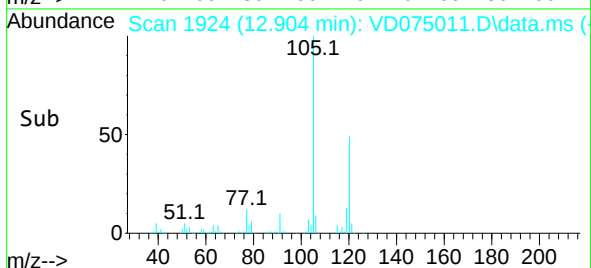
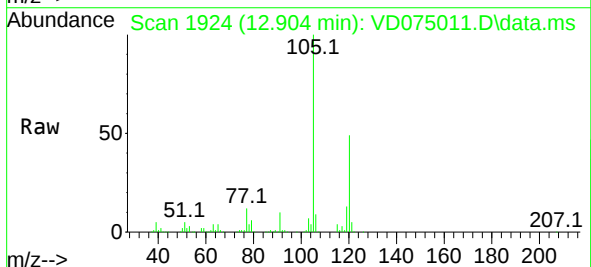
Manual Integrations
APPROVED

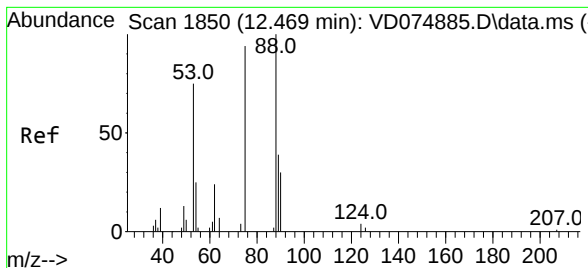
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.738 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Tgt Ion:105 Resp: 286258
Ion Ratio Lower Upper
105 100
120 50.1 25.7 77.0





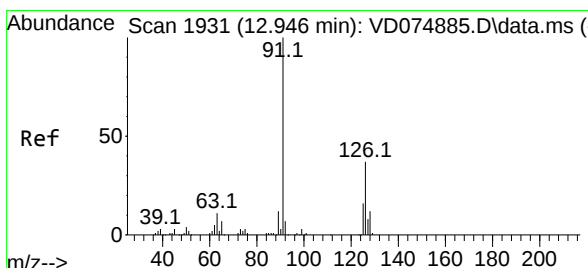
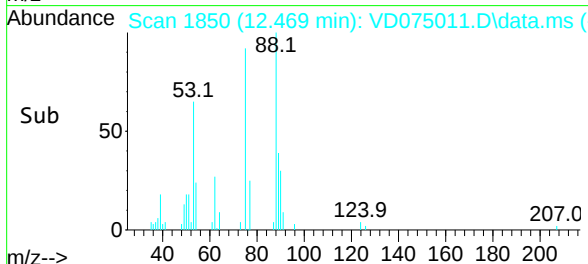
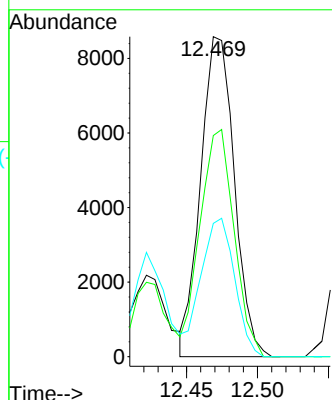
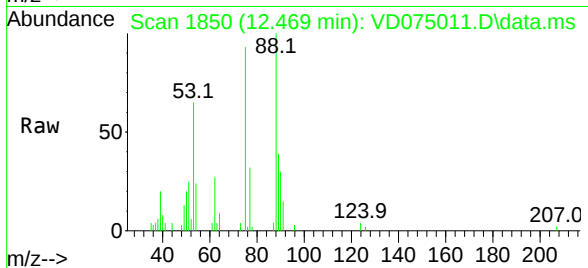
#81
trans-1,4-Dichloro-2-butene
Concen: 44.801 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 14148
Ion Ratio Lower Upper
75 100
53 71.9 63.8 95.6
89 43.6 38.2 57.4

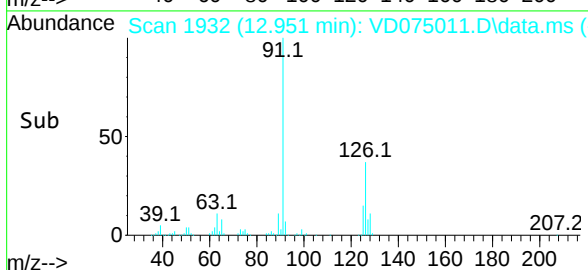
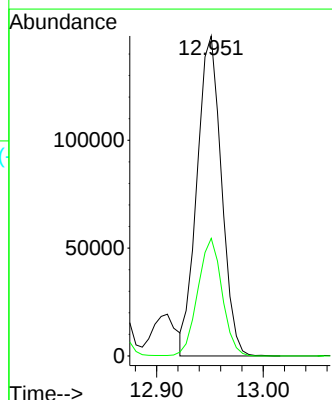
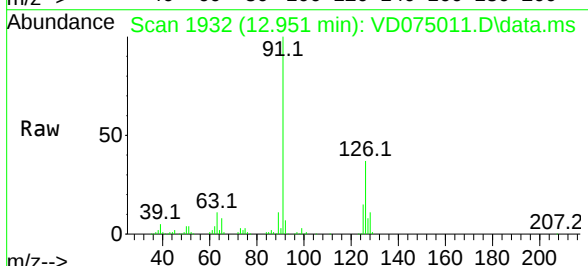
Manual Integrations
APPROVED

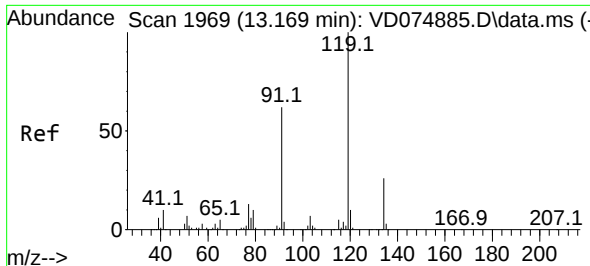
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#82
4-Chlorotoluene
Concen: 53.762 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

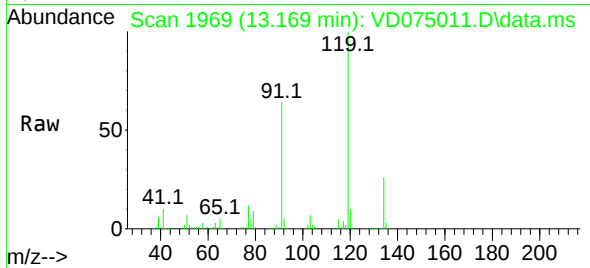
Tgt Ion: 91 Resp: 237060
Ion Ratio Lower Upper
91 100
126 36.4 18.8 56.4





#83
tert-Butylbenzene
Concen: 53.436 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

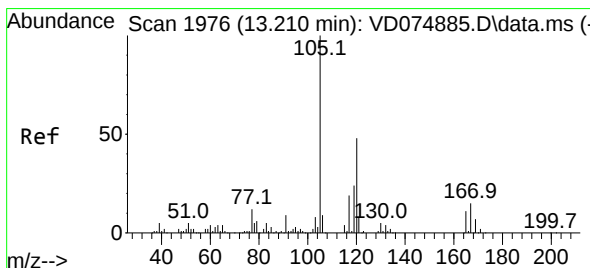
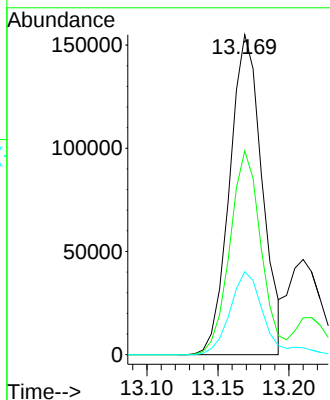
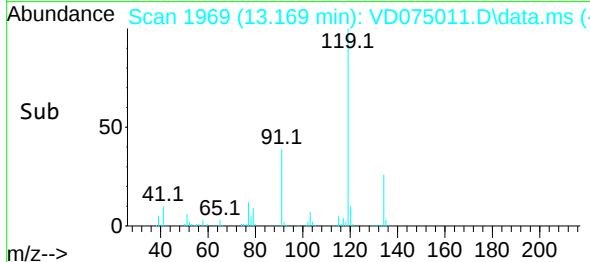
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



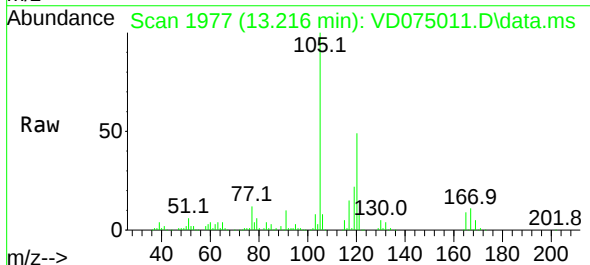
Tgt Ion:119 Resp: 246988
Ion Ratio Lower Upper
119 100
91 61.4 30.0 90.0
134 27.1 13.4 40.1

Manual Integrations
APPROVED

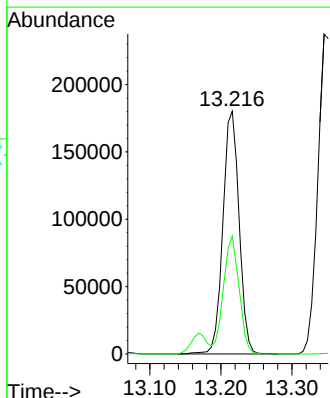
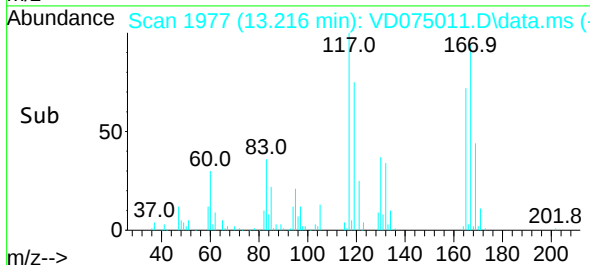
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

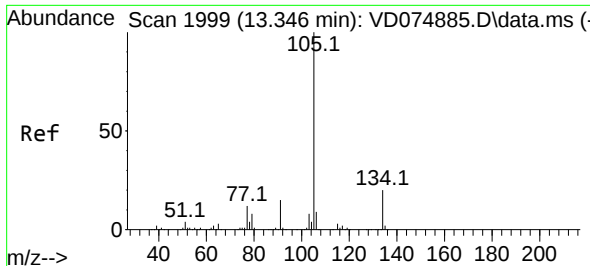


#84
1,2,4-Trimethylbenzene
Concen: 53.979 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



Tgt Ion:105 Resp: 284384
Ion Ratio Lower Upper
105 100
120 47.0 22.9 68.7





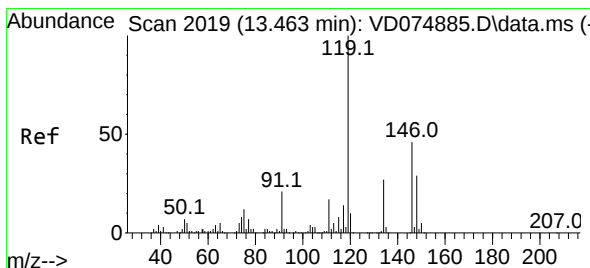
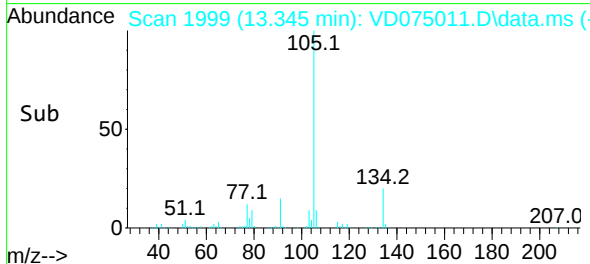
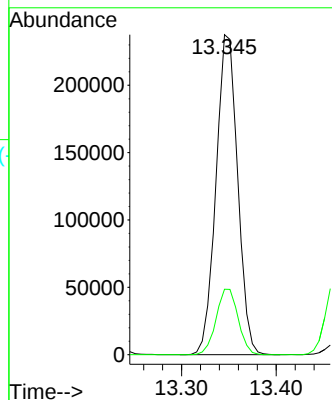
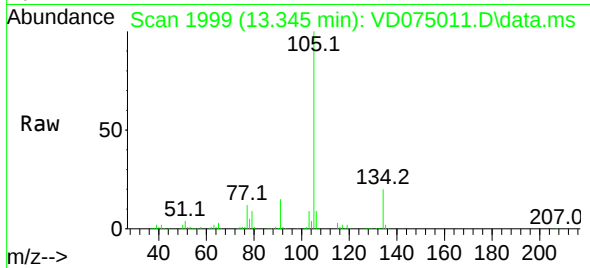
#85
 sec-Butylbenzene
 Concen: 53.795 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.001 min
 Lab File: VD075011.D
 Acq: 21 Nov 2022 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 37822
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.0 30.0

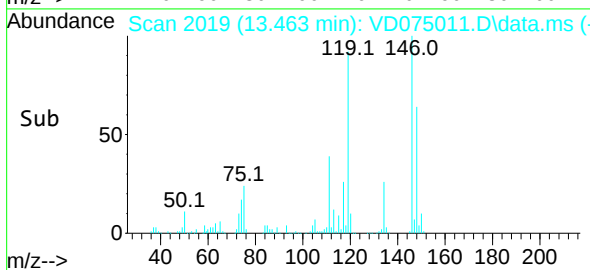
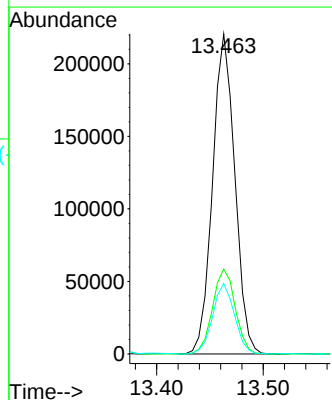
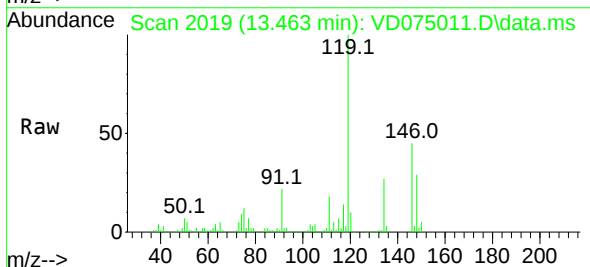
Manual Integrations
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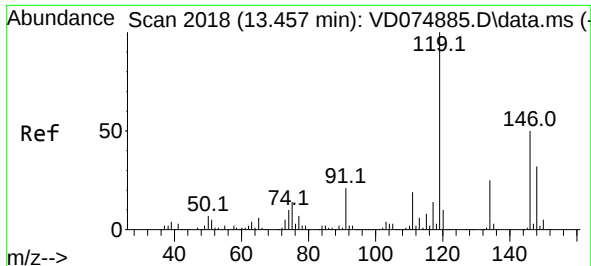
Reviewed By :Krupa Patel 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#86
 p-Isopropyltoluene
 Concen: 54.656 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075011.D
 Acq: 21 Nov 2022 18:38

Tgt Ion:119 Resp: 319528
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 21.6 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 52.148 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 16229

Ion Ratio Lower Upper

146 100

111 38.1 18.3 54.8

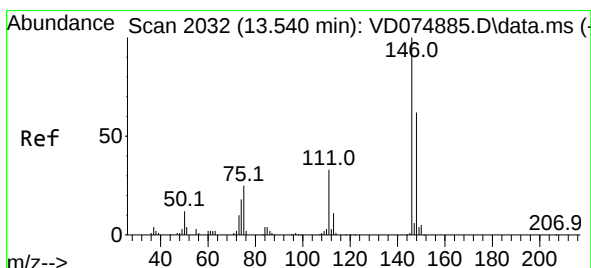
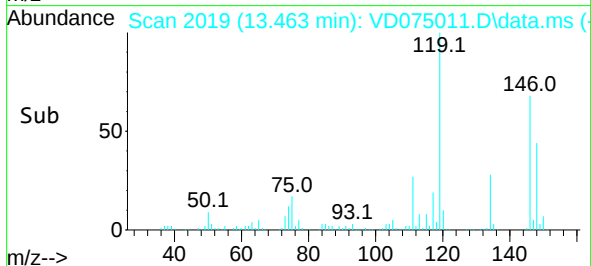
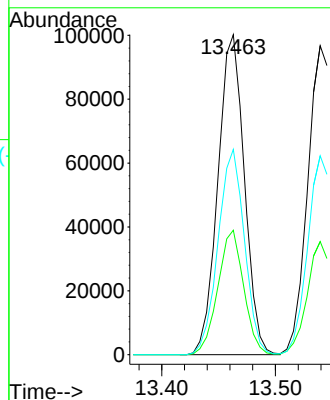
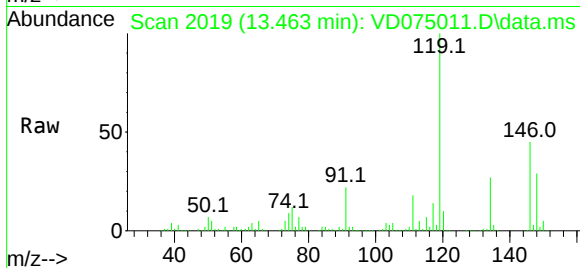
148 64.0 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#88

1,4-Dichlorobenzene

Concen: 51.338 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

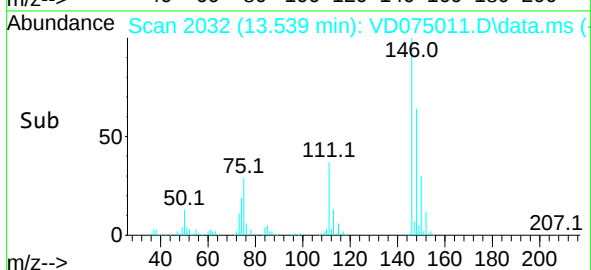
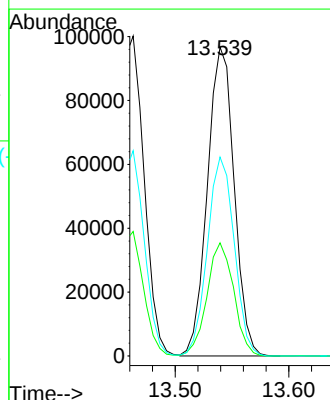
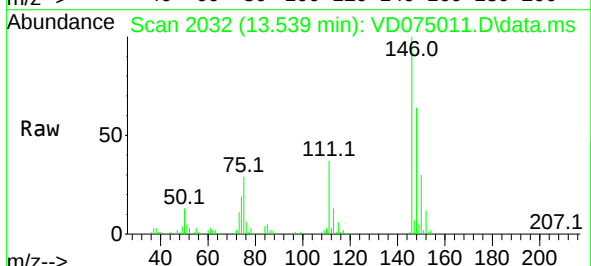
Tgt Ion:146 Resp: 158571

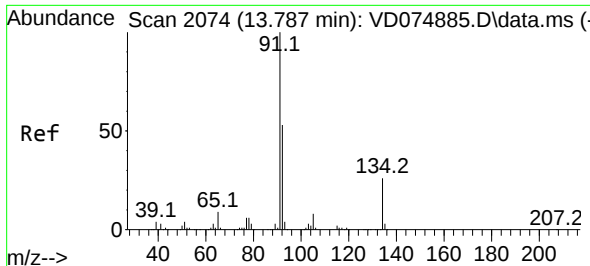
Ion Ratio Lower Upper

146 100

111 36.5 17.7 53.1

148 64.5 32.3 96.9





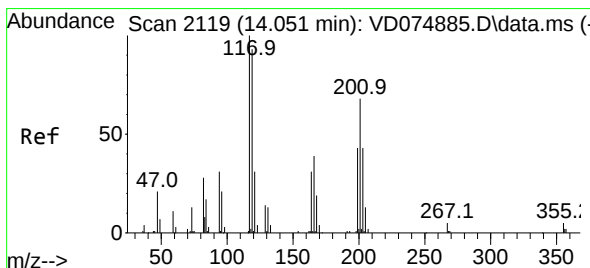
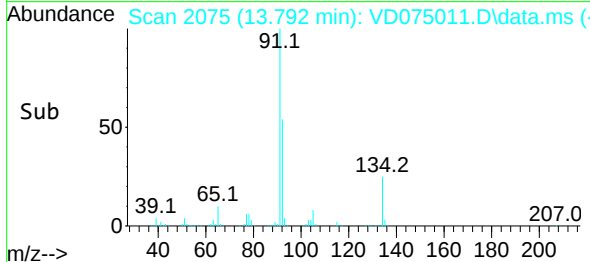
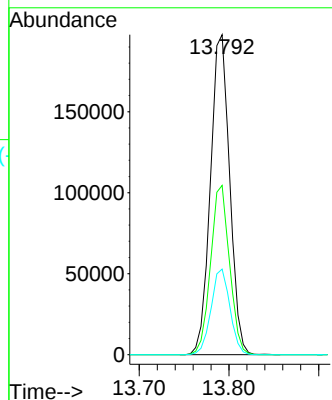
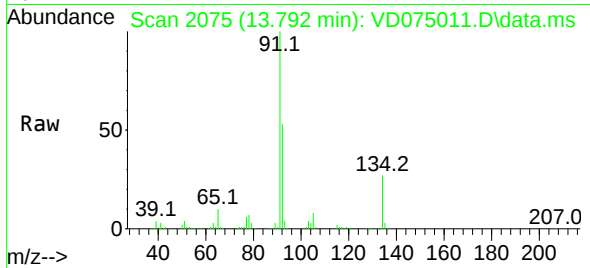
#89
n-Butylbenzene
Concen: 54.127 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.005 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 293788
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.7
134 26.3 13.4 40.2

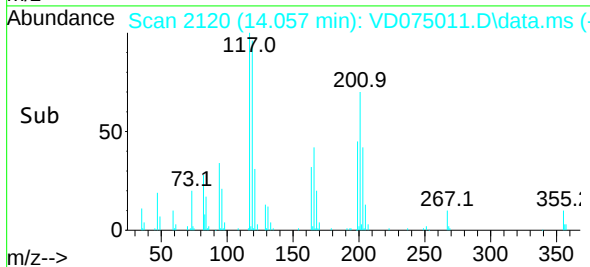
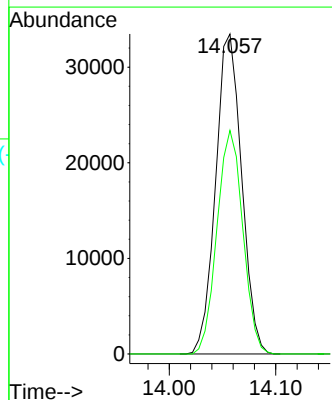
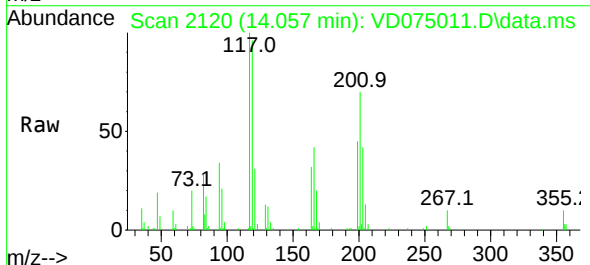
Manual Integrations
APPROVED

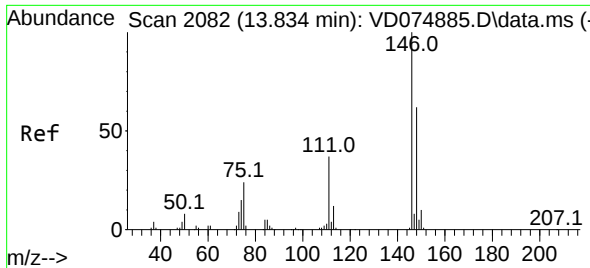
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#90
Hexachloroethane
Concen: 54.229 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

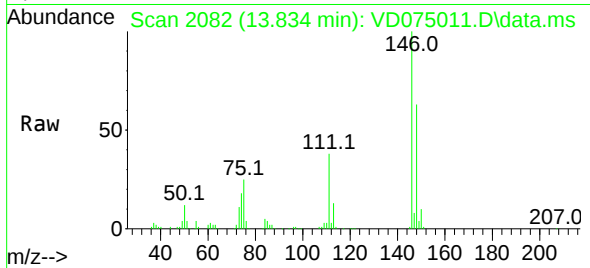
Tgt Ion:117 Resp: 56781
Ion Ratio Lower Upper
117 100
201 69.3 38.0 114.0





#91
1,2-Dichlorobenzene
Concen: 53.120 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

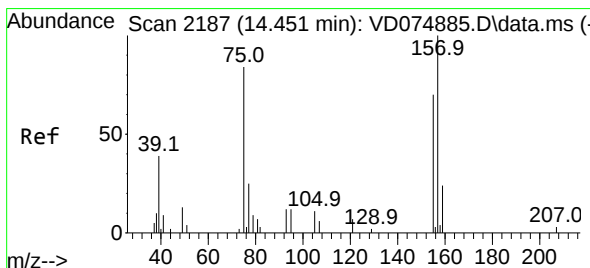
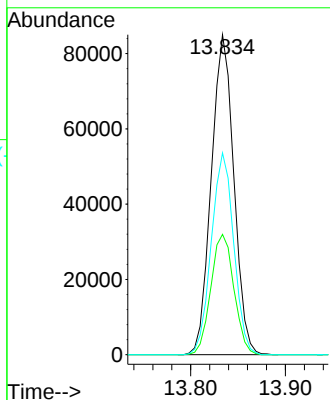
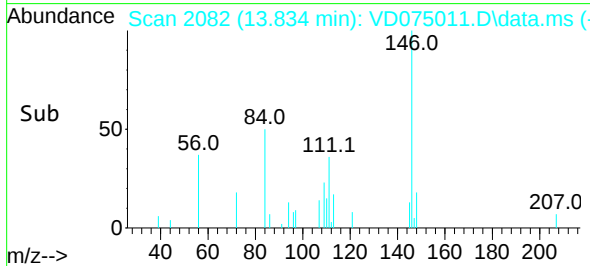
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



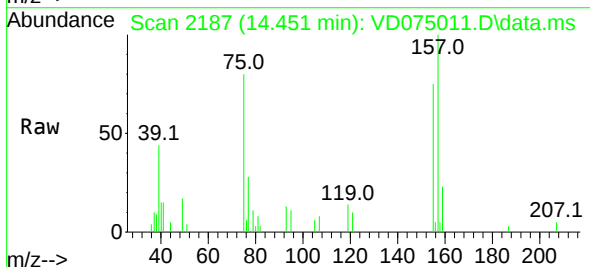
Tgt Ion:146 Resp: 140580
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.5
148 62.6 31.9 95.5

Manual Integrations
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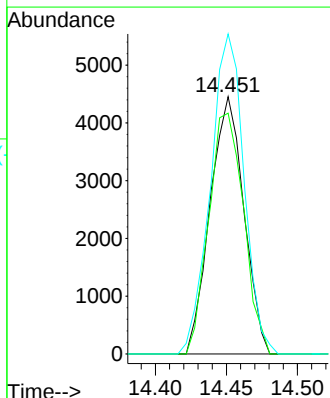
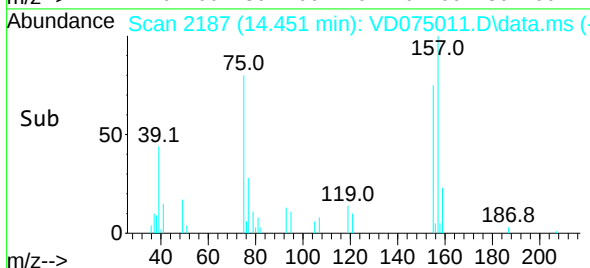
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

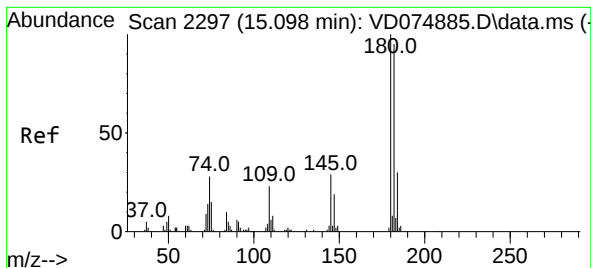


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.116 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



Tgt Ion: 75 Resp: 7346
Ion Ratio Lower Upper
75 100
155 96.8 51.2 153.8
157 124.0 68.2 204.5





#93

1,2,4-Trichlorobenzene

Concen: 51.839 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 83509

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.6

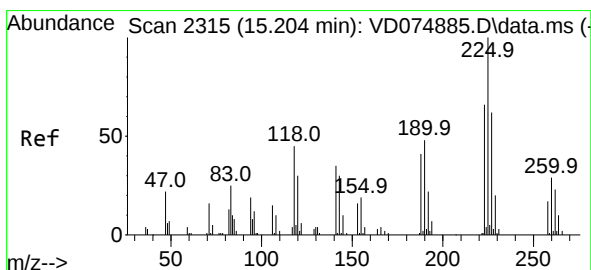
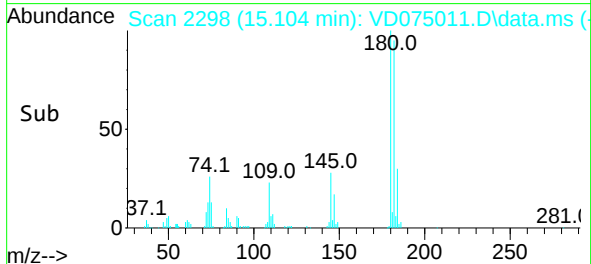
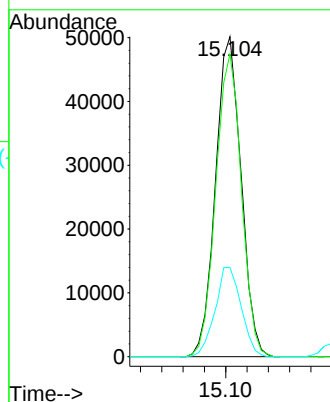
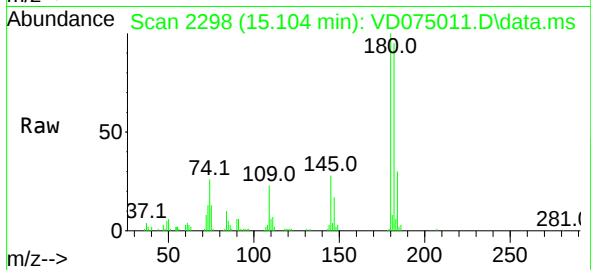
145 28.4 14.1 42.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#94

Hexachlorobutadiene

Concen: 53.161 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075011.D

Acq: 21 Nov 2022 18:38

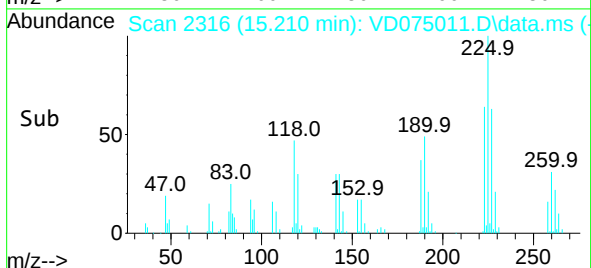
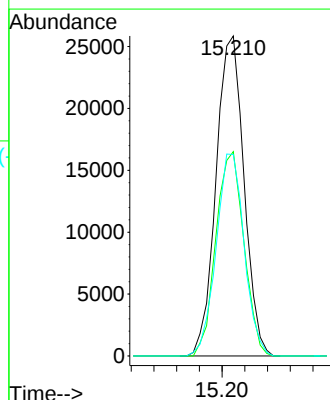
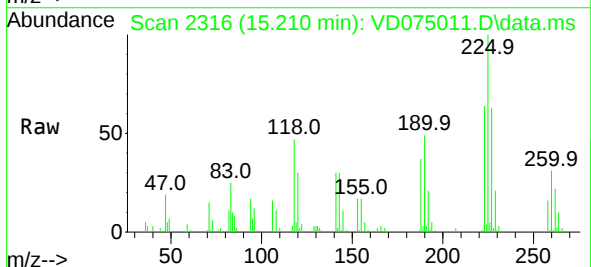
Tgt Ion:225 Resp: 44174

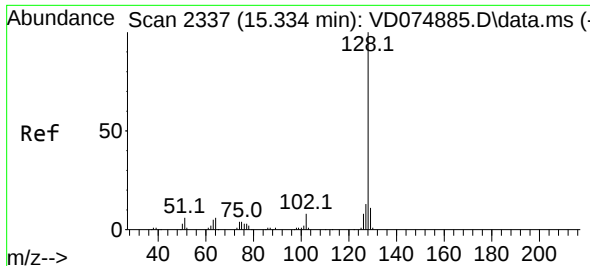
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.5

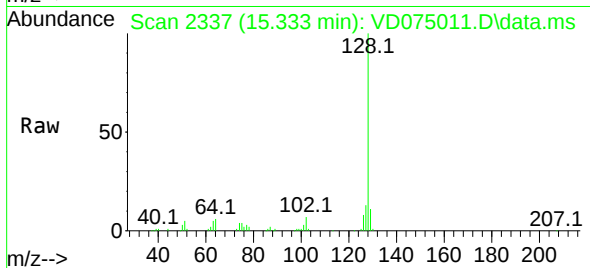
227 63.2 32.6 97.8





#95
Naphthalene
Concen: 49.901 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38

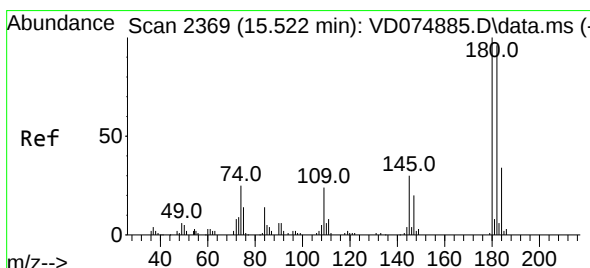
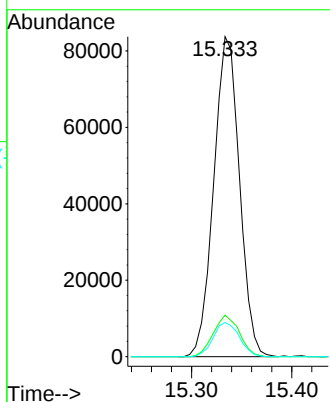
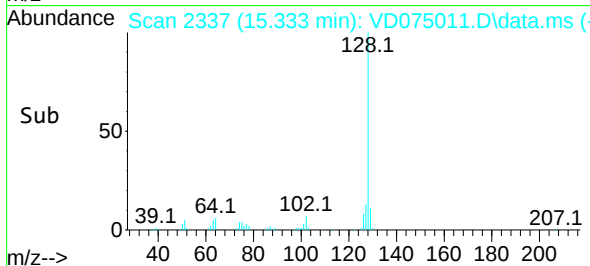
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



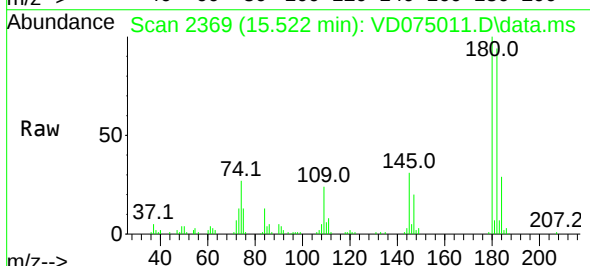
Tgt Ion:128 Resp: 14920
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.620 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075011.D
Acq: 21 Nov 2022 18:38



Tgt Ion:180 Resp: 71912
Ion Ratio Lower Upper
180 100
182 94.0 46.7 140.1
145 30.6 14.9 44.7

