

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075743.D
 Acq On : 19 Apr 2023 12:26
 Operator : KP/SY
 Sample : VD0419SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 05:59:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	200004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	346745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	314756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	157864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92074	48.500	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.000%		
35) Dibromofluoromethane	7.804	113	113820	48.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.600%		
50) Toluene-d8	10.269	98	463116	49.587	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.575	95	141432	56.974	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	113.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	40216	21.640	ug/l	89
3) Chloromethane	2.146	50	62465	18.615	ug/l	95
4) Vinyl Chloride	2.281	62	84684	19.018	ug/l	97
5) Bromomethane	2.681	94	67005	19.273	ug/l	98
6) Chloroethane	2.834	64	56563	18.867	ug/l	100
7) Trichlorofluoromethane	3.175	101	73435	21.284	ug/l	96
8) Diethyl Ether	3.599	74	20122	18.739	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.969	101	46749	21.608	ug/l	95
10) Methyl Iodide	4.163	142	62769	21.199	ug/l #	88
11) Tert butyl alcohol	5.040	59	8306m	87.178	ug/l	
12) 1,1-Dichloroethene	3.940	96	47400	21.159	ug/l #	79
13) Acrolein	3.799	56	16904	87.959	ug/l	99
14) Allyl chloride	4.558	41	40890	20.042	ug/l #	80
15) Acrylonitrile	5.252	53	40846	101.841	ug/l	97
16) Acetone	4.022	43	32829	94.393	ug/l #	68
17) Carbon Disulfide	4.269	76	146524	19.987	ug/l	97
18) Methyl Acetate	4.563	43	22723	19.375	ug/l #	64
19) Methyl tert-butyl Ether	5.316	73	82500	18.976	ug/l	99
20) Methylene Chloride	4.805	84	69408	23.340	ug/l #	75
21) trans-1,2-Dichloroethene	5.316	96	55814	20.920	ug/l #	73
22) Diisopropyl ether	6.216	45	94496	20.498	ug/l #	92
23) Vinyl Acetate	6.152	43	213659	99.780	ug/l #	88
24) 1,1-Dichloroethane	6.116	63	80456	21.061	ug/l #	96
25) 2-Butanone	7.081	43	40326	90.054	ug/l #	79
26) 2,2-Dichloropropane	7.075	77	68459	19.767	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	59412	20.102	ug/l	80
28) Bromochloromethane	7.422	49	25553	21.161	ug/l #	52
29) Tetrahydrofuran	7.446	42	24069	98.288	ug/l #	61
30) Chloroform	7.599	83	89636	20.698	ug/l	98
31) Cyclohexane	7.881	56	61140	20.523	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	75746	21.451	ug/l	95
36) 1,1-Dichloropropene	8.010	75	66762	20.750	ug/l	94
37) Ethyl Acetate	7.163	43	18942	19.345	ug/l #	76
38) Carbon Tetrachloride	7.993	117	60169	21.236	ug/l	97
39) Methylcyclohexane	9.275	83	75456	20.281	ug/l	92
40) Benzene	8.251	78	206086	20.604	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	9950	21.176	ug/l #	59
42) 1,2-Dichloroethane	8.322	62	46924	20.654	ug/l	90
43) Isopropyl Acetate	8.357	43	33236	18.614	ug/l #	77
44) Trichloroethene	9.028	130	57499	20.312	ug/l	94
45) 1,2-Dichloropropane	9.310	63	46174	20.600	ug/l	90
46) Dibromomethane	9.393	93	27408	19.275	ug/l	93
47) Bromodichloromethane	9.587	83	65751	20.214	ug/l	97
48) Methyl methacrylate	9.381	41	14677	18.450	ug/l #	57
49) 1,4-Dioxane	9.381	88	5117	362.706	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	88372	92.829	ug/l #	79
52) Toluene	10.334	92	133265	20.037	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	58281	18.692	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	70972	19.157	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	39494	19.182	ug/l	91
56) Ethyl methacrylate	10.598	69	35564	17.552	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	60812	19.456	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	82607	94.932	ug/l #	85
59) 2-Hexanone	10.922	43	61865	92.424	ug/l	75
60) Dibromochloromethane	11.075	129	45700	18.969	ug/l	98
61) 1,2-Dibromoethane	11.181	107	37171	18.926	ug/l	99
64) Tetrachloroethene	10.810	164	46213	20.387	ug/l	95
65) Chlorobenzene	11.610	112	141267	20.954	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	48033	20.725	ug/l	95
67) Ethyl Benzene	11.687	91	230478	21.065	ug/l	96
68) m/p-Xylenes	11.792	106	191509	42.709	ug/l	92
69) o-Xylene	12.122	106	86057	21.225	ug/l	91
70) Styrene	12.139	104	148984	20.286	ug/l	93
71) Bromoform	12.298	173	29770	24.572	ug/l #	100
73) Isopropylbenzene	12.422	105	242529	23.409	ug/l	96
74) N-amyl acetate	12.239	43	33664	22.112	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	45475	22.595	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	24944m	19.376	ug/l	
77) Bromobenzene	12.704	156	66561	24.920	ug/l	83
78) n-propylbenzene	12.763	91	305000	24.016	ug/l	97
79) 2-Chlorotoluene	12.851	91	163810	22.742	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	216228	25.035	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	14559	24.511	ug/l #	65
82) 4-Chlorotoluene	12.951	91	180110	24.047	ug/l	91
83) tert-Butylbenzene	13.169	119	172618	23.702	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	212852	24.559	ug/l	93
85) sec-Butylbenzene	13.345	105	277110	24.665	ug/l	97
86) p-Isopropyltoluene	13.463	119	208194	22.259	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	118926	21.402	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	115920	21.116	ug/l	98
89) n-Butylbenzene	13.792	91	183333	21.279	ug/l	99
90) Hexachloroethane	14.057	117	38583	20.762	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	97170	20.414	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5113	18.951	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	51707	18.672	ug/l	96
94) Hexachlorobutadiene	15.210	225	26388	19.937	ug/l	98
95) Naphthalene	15.333	128	95170	18.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	46503	19.079	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
VD0419SBSD01

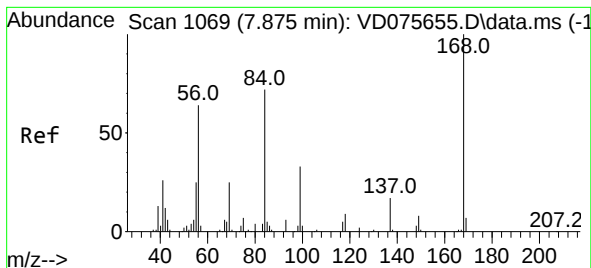
Manual Integrations
APPROVED

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

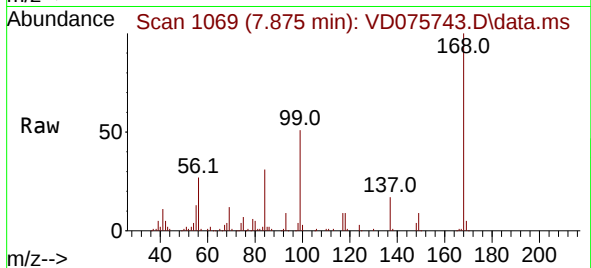
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075743.D
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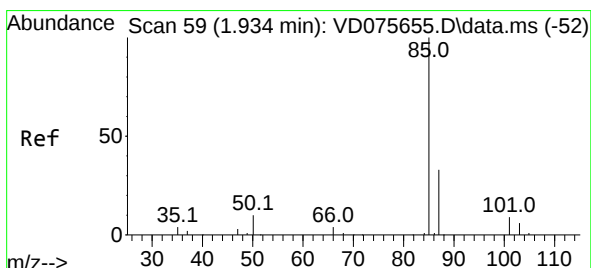
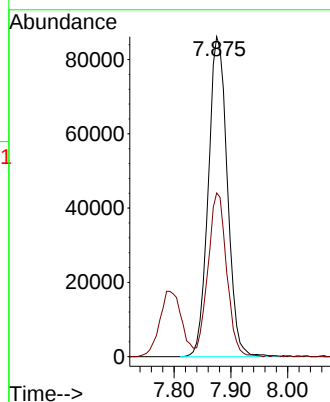
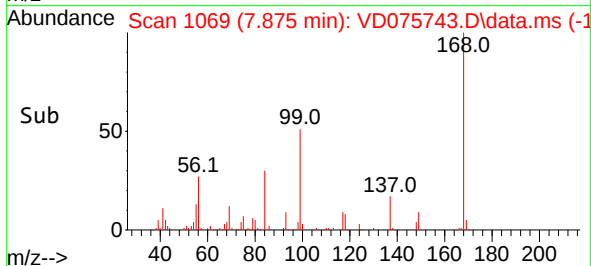
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01



Tgt Ion:168 Resp: 200004
Ion Ratio Lower Upper
168 100
99 50.9 43.8 65.6

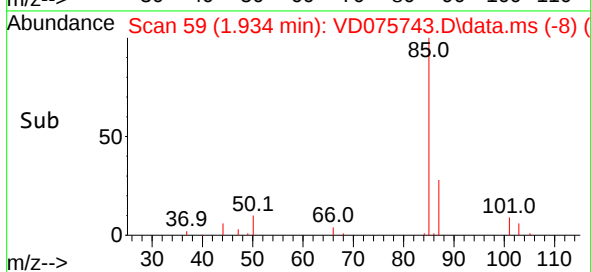
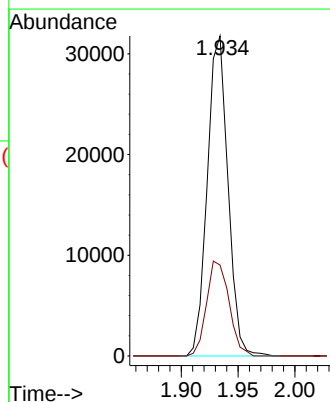
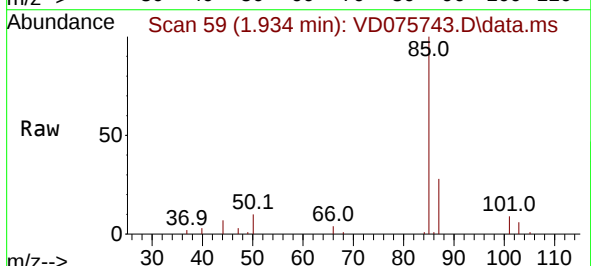
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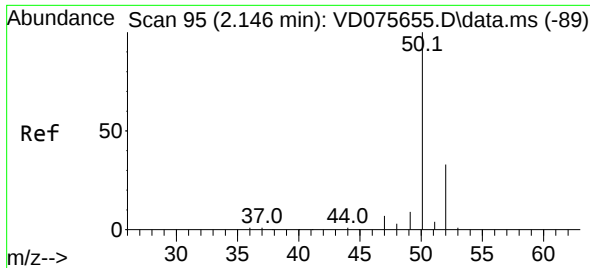
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#2
Dichlorodifluoromethane
Concen: 21.640 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

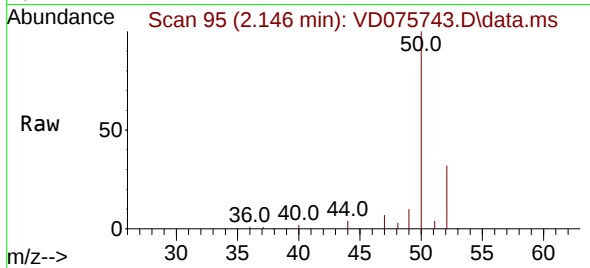
Tgt Ion: 85 Resp: 40216
Ion Ratio Lower Upper
85 100
87 28.4 17.3 51.7





#3
Chloromethane
Concen: 18.615 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

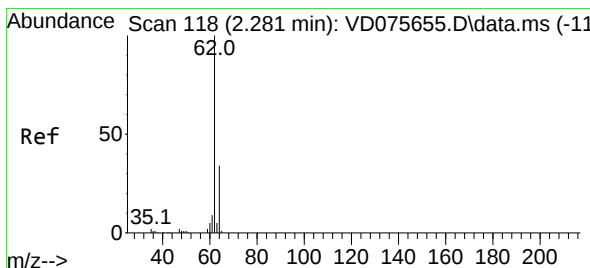
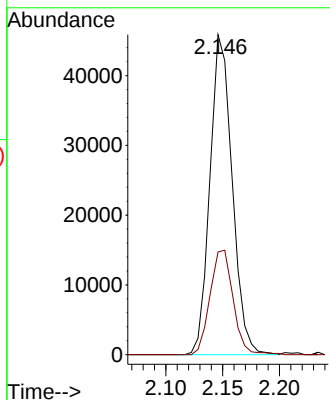
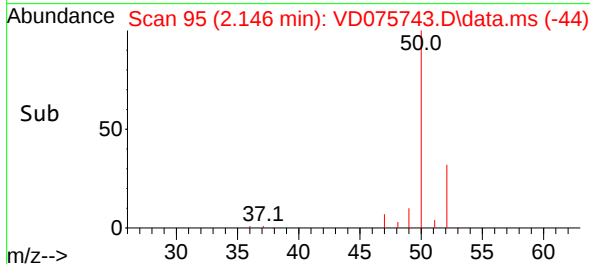
Instrument :
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ClientSampleId :
VD0419SBSD01



Tgt Ion: 50 Resp: 6246
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.8

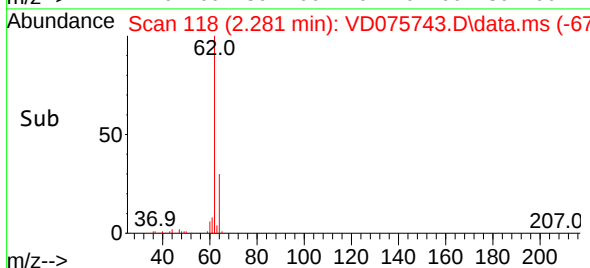
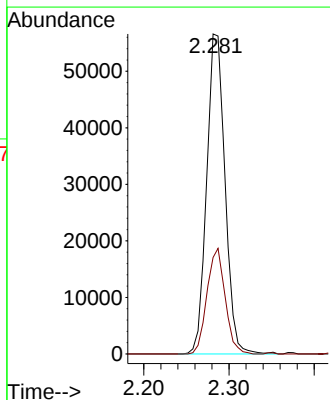
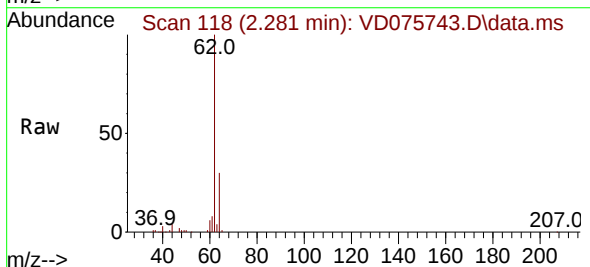
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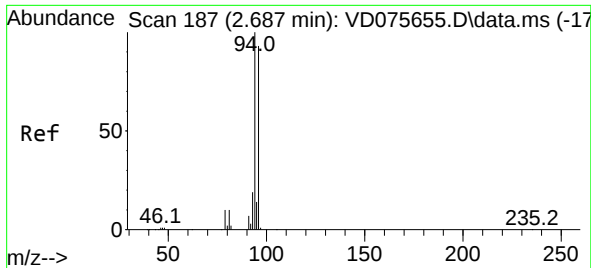
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#4
Vinyl Chloride
Concen: 19.018 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

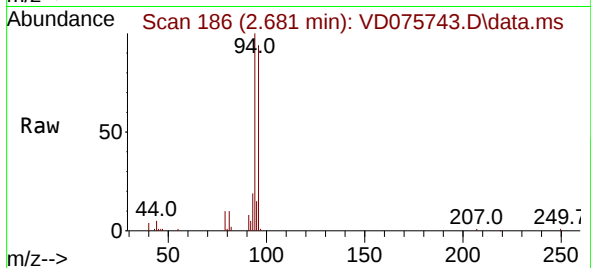
Tgt Ion: 62 Resp: 84684
Ion Ratio Lower Upper
62 100
64 30.1 25.4 38.0





#5
Bromomethane
Concen: 19.273 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

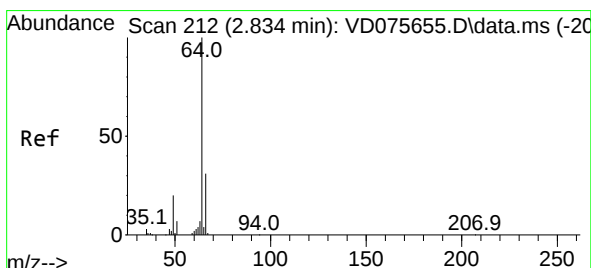
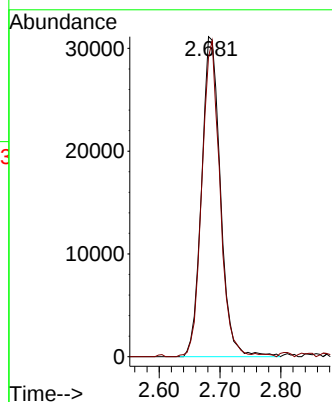
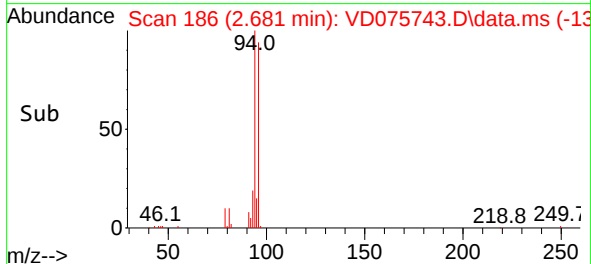
Instrument :
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Tgt Ion: 94 Resp: 6700
Ion Ratio Lower Upper
94 100
96 94.5 77.5 116.3

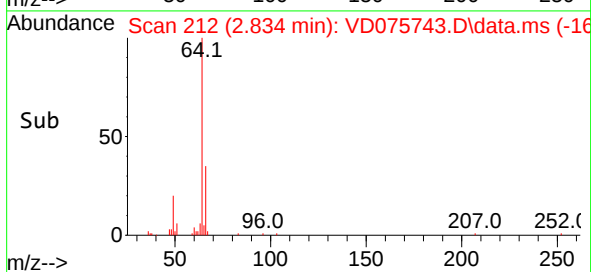
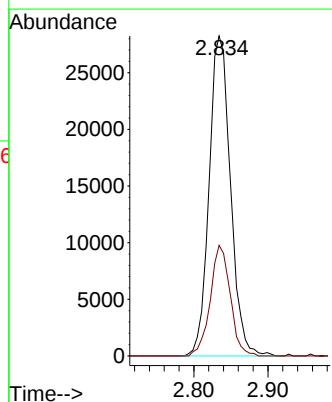
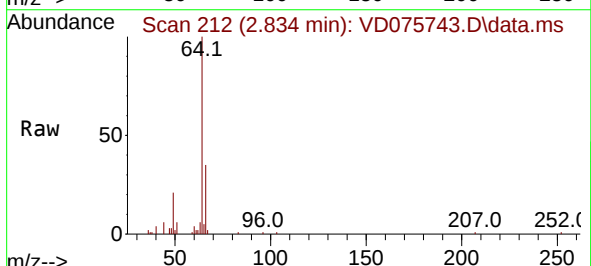
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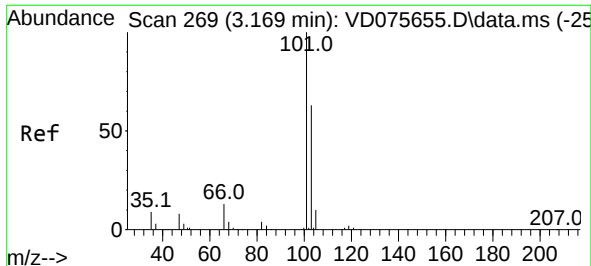
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#6
Chloroethane
Concen: 18.867 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion: 64 Resp: 56563
Ion Ratio Lower Upper
64 100
66 34.6 27.7 41.5





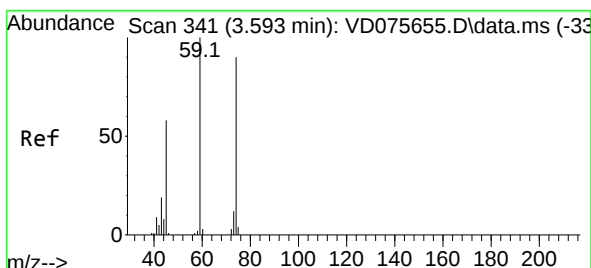
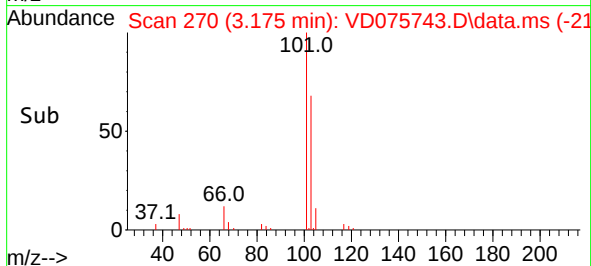
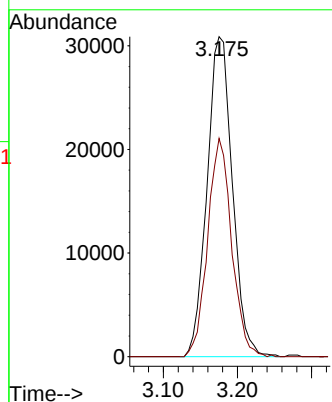
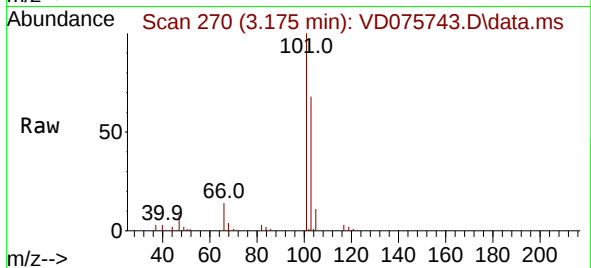
#7
 Trichlorofluoromethane
 Concen: 21.284 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075743.D
 Acq: 19 Apr 2023 12:26

Instrument :
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 ClientSampleId :
 VD0419SBSD01

Tgt Ion:101 Resp: 7343
 Ion Ratio Lower Upper
 101 100
 103 68.2 51.9 77.9

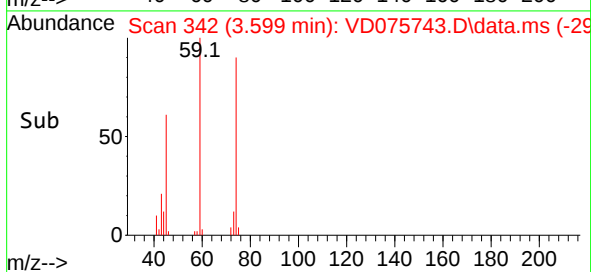
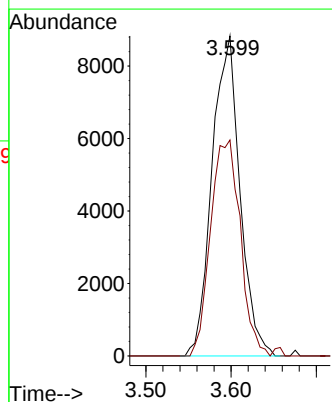
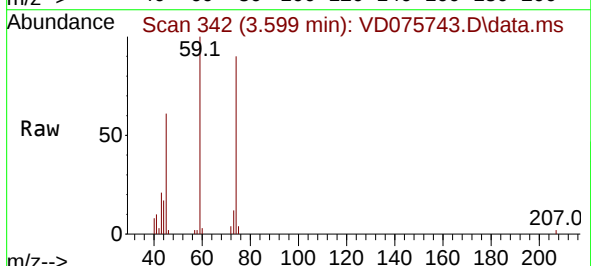
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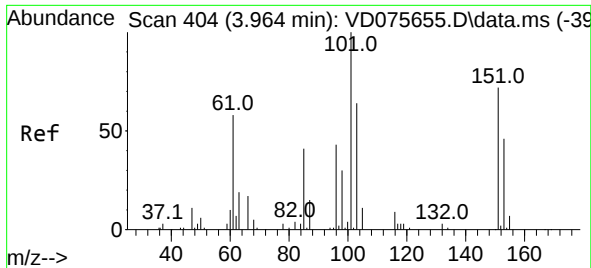
Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#8
 Diethyl Ether
 Concen: 18.739 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD075743.D
 Acq: 19 Apr 2023 12:26

Tgt Ion: 74 Resp: 20122
 Ion Ratio Lower Upper
 74 100
 45 71.8 50.9 152.7





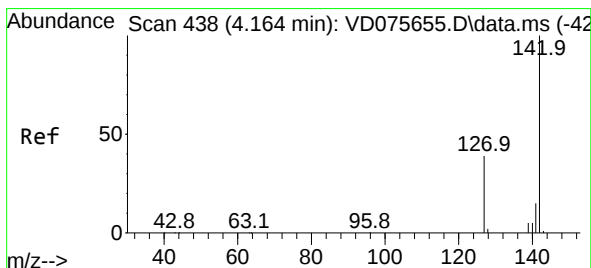
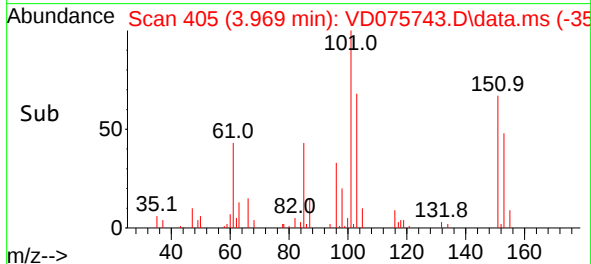
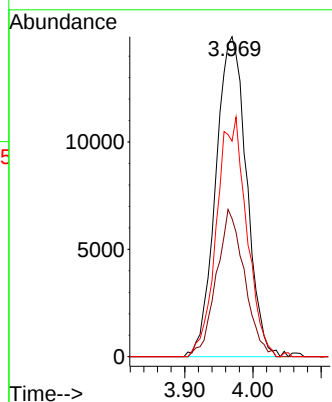
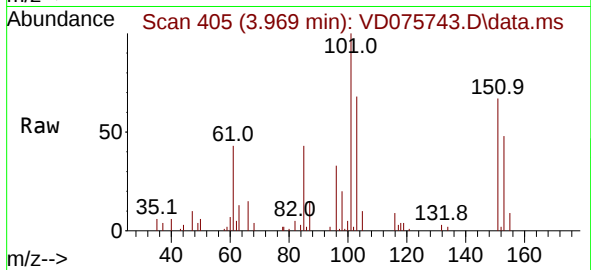
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.608 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01

Tgt Ion:101 Resp: 46749
Ion Ratio Lower Upper
101 100
85 42.2 38.3 57.5
151 73.2 60.4 90.6

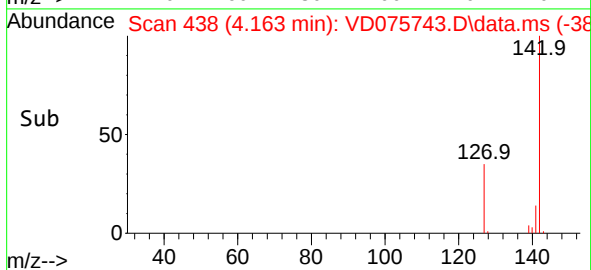
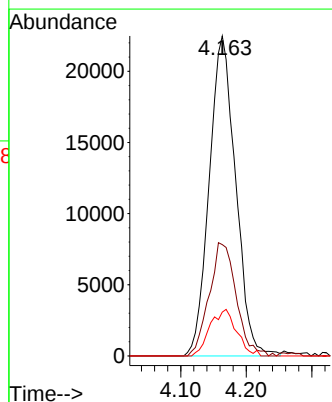
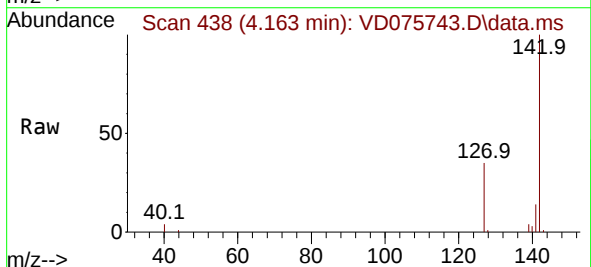
Manual Integrations
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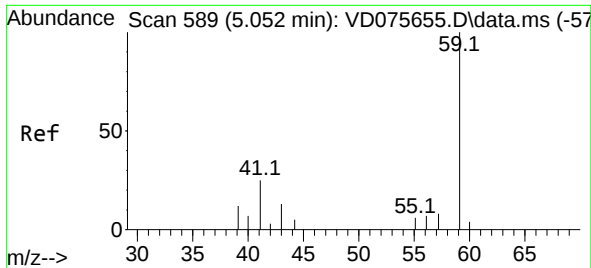
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#10
Methyl Iodide
Concen: 21.199 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion:142 Resp: 62769
Ion Ratio Lower Upper
142 100
127 36.3 37.1 55.7#
141 14.7 11.3 16.9





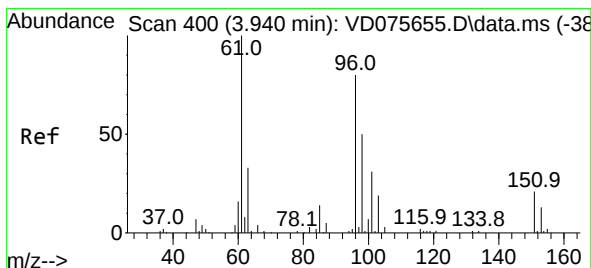
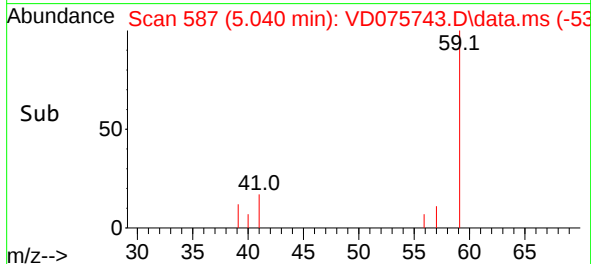
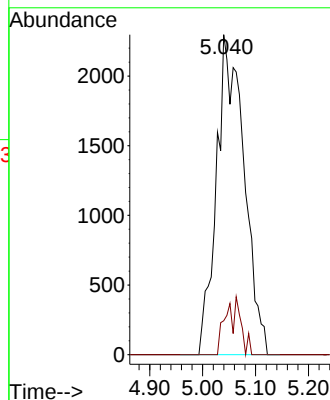
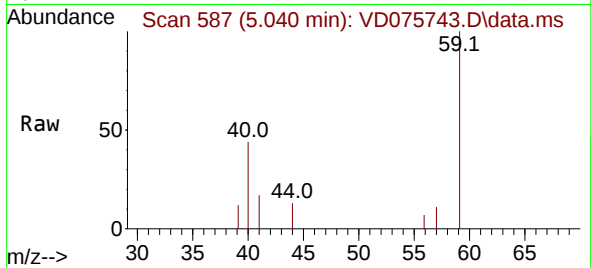
#11
Tert butyl alcohol
Concen: 87.178 ug/l m
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01

Tgt Ion: 59 Resp: 8300
Ion Ratio Lower Upper
59 100
57 5.4 0.0 0.0

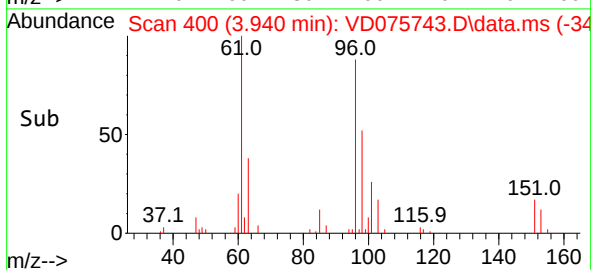
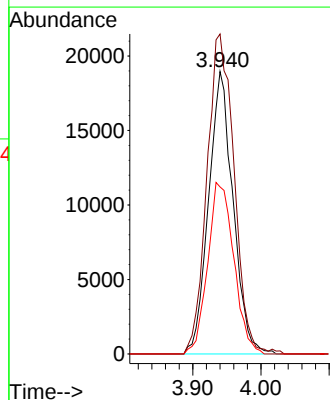
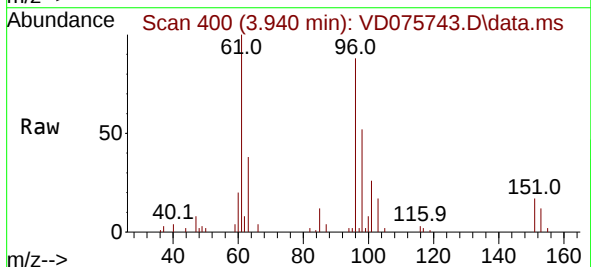
Manual Integrations
APPROVED

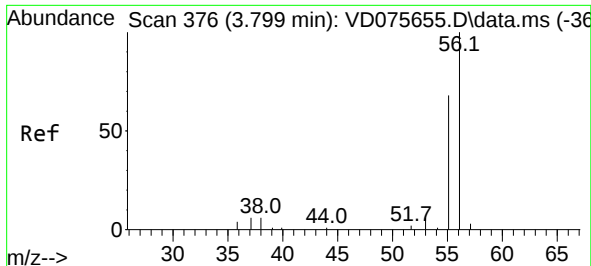
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#12
1,1-Dichloroethene
Concen: 21.159 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion: 96 Resp: 47400
Ion Ratio Lower Upper
96 100
61 113.3 118.6 177.8#
98 59.2 49.7 74.5





#13

Acrolein

Concen: 87.959 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

Tgt Ion: 56 Resp: 16904

Ion Ratio Lower Upper

56 100

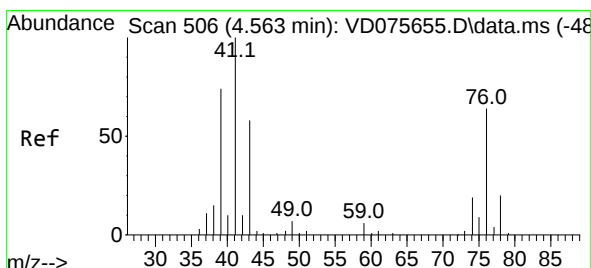
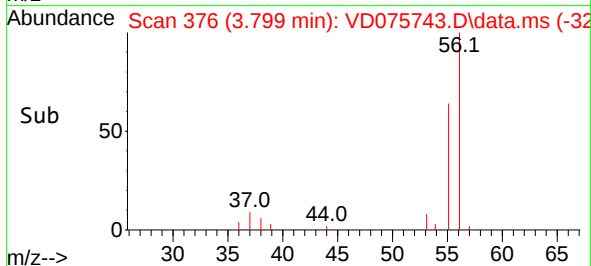
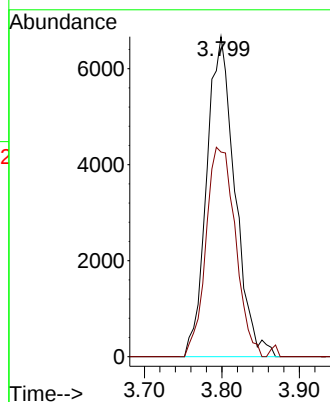
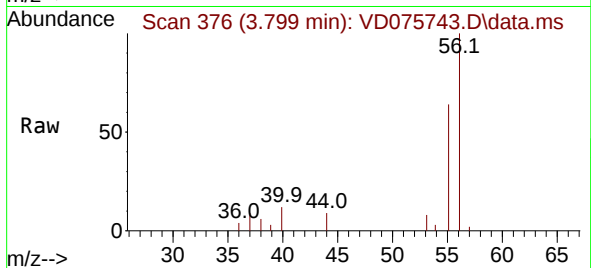
55 68.2 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#14

Allyl chloride

Concen: 20.042 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

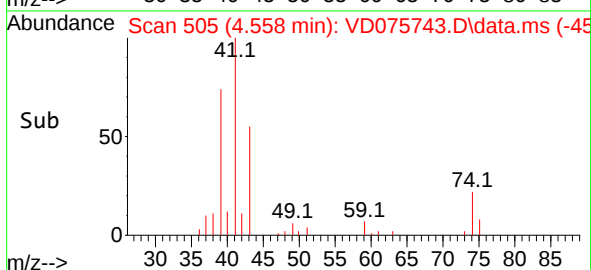
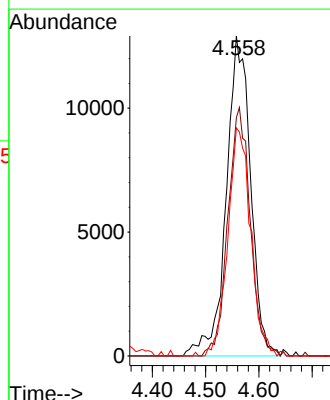
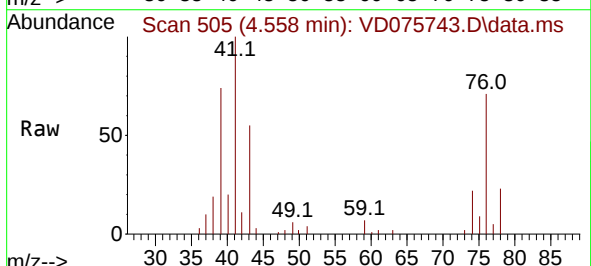
Tgt Ion: 41 Resp: 40890

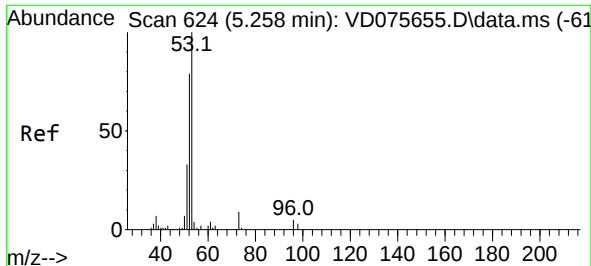
Ion Ratio Lower Upper

41 100

39 71.7 60.6 90.8

76 67.0 28.6 43.0#





#15

Acrylonitrile

Concen: 101.841 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

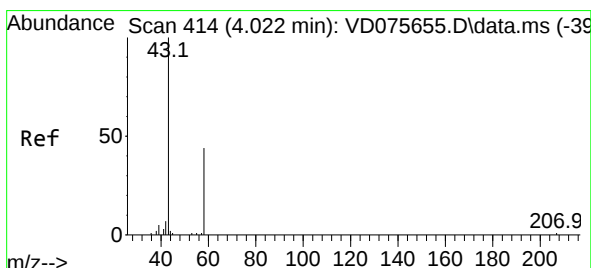
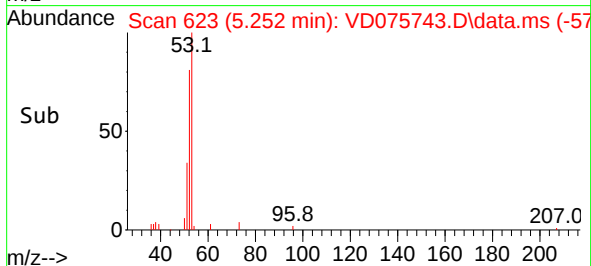
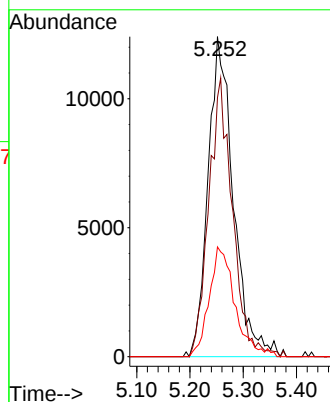
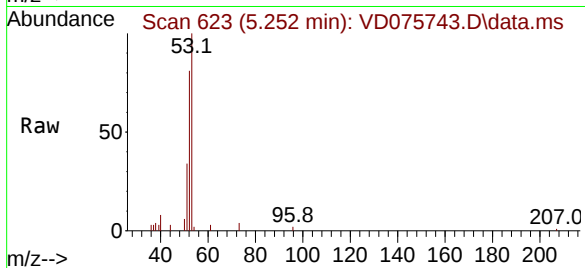
Tgt Ion: 53	Resp: 40840
Ion Ratio	Lower Upper
53	100
52	81.8 66.2 99.4
51	35.0 30.7 46.1

Manual Integrations

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Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#16

Acetone

Concen: 94.393 ug/l

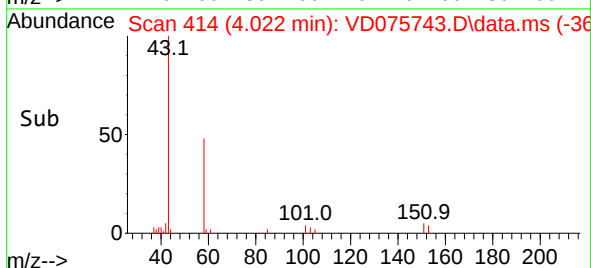
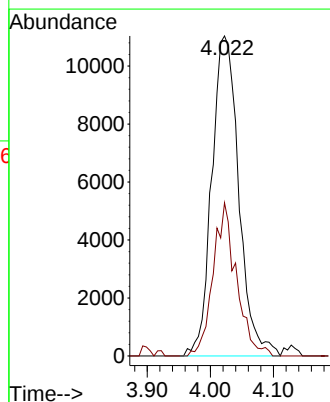
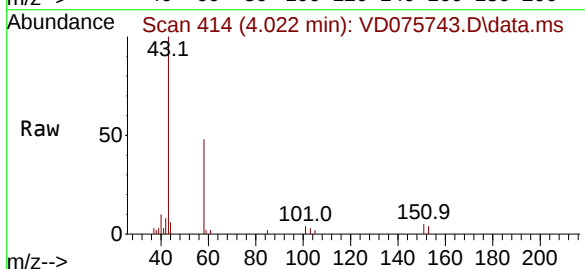
RT: 4.022 min Scan# 414

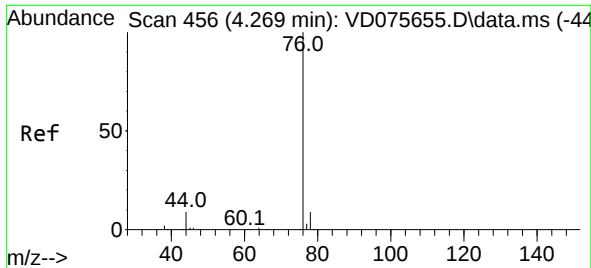
Delta R.T. 0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

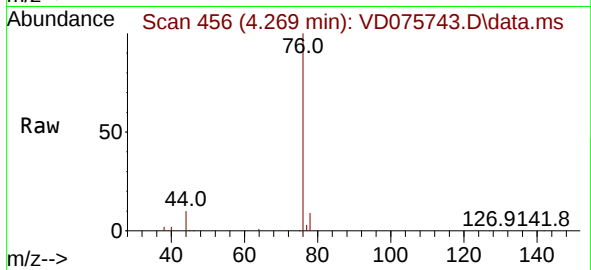
Tgt Ion: 43	Resp: 32829
Ion Ratio	Lower Upper
43	100
58	47.8 24.4 36.6#





#17
Carbon Disulfide
Concen: 19.987 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

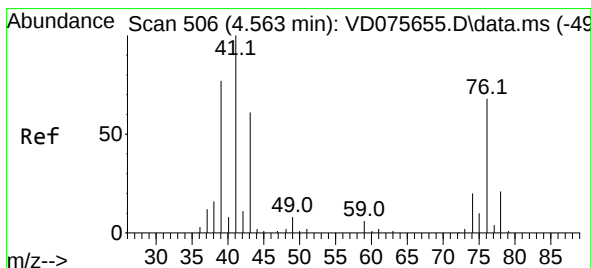
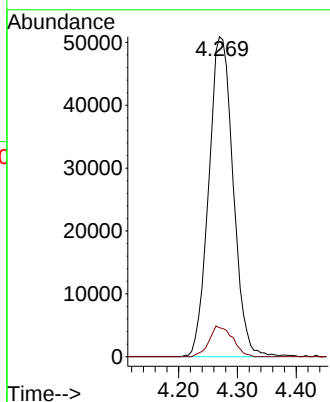
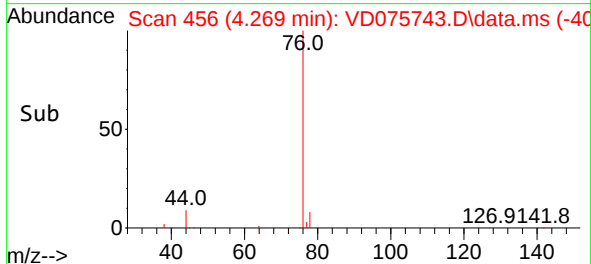
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01



Tgt Ion: 76 Resp: 146524
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0

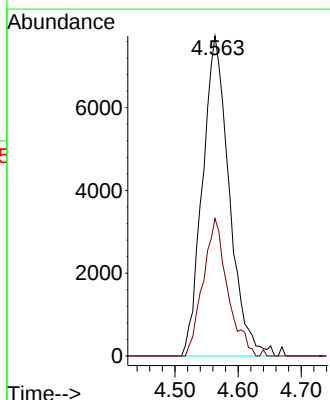
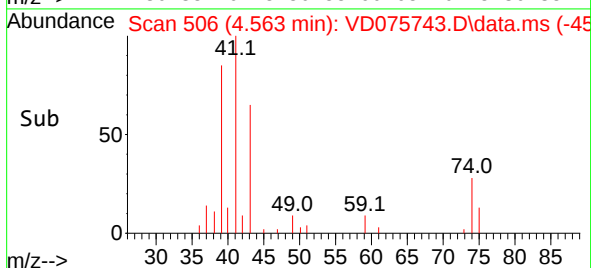
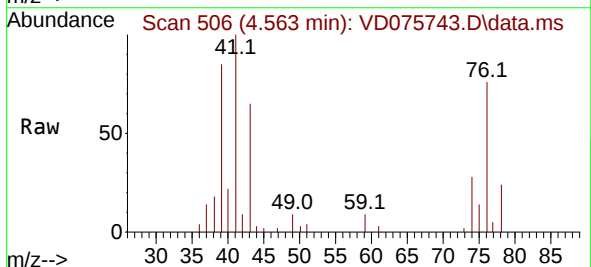
Manual Integrations
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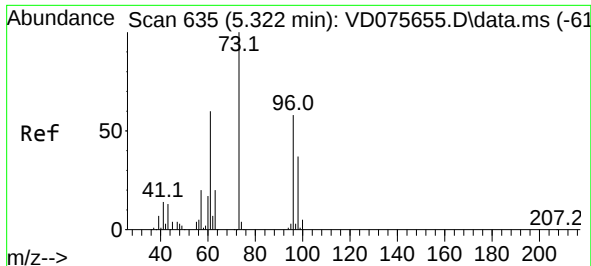
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#18
Methyl Acetate
Concen: 19.375 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion: 43 Resp: 22723
Ion Ratio Lower Upper
43 100
74 39.3 17.8 26.6#





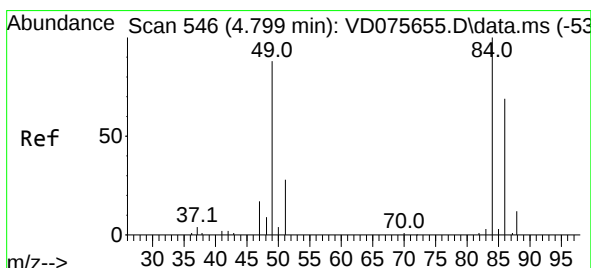
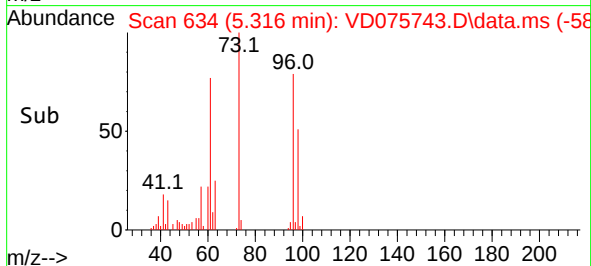
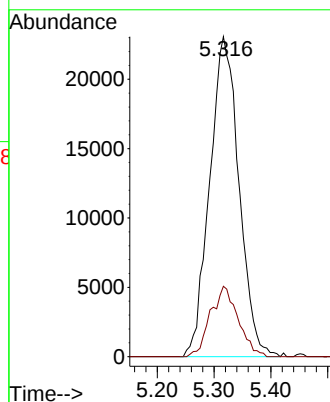
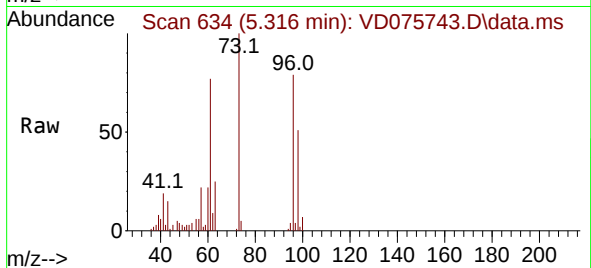
#19
Methyl tert-butyl Ether
Concen: 18.976 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

Tgt Ion: 73 Resp: 82500
Ion Ratio Lower Upper
73 100
57 22.0 17.2 25.8

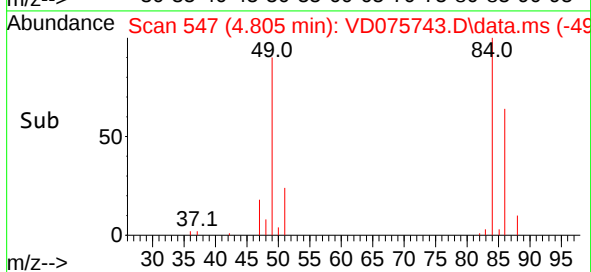
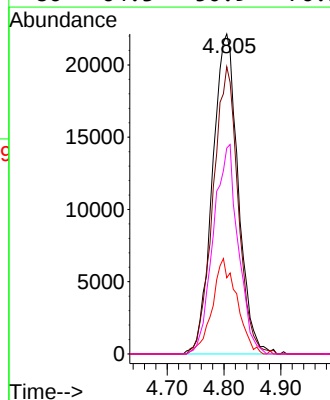
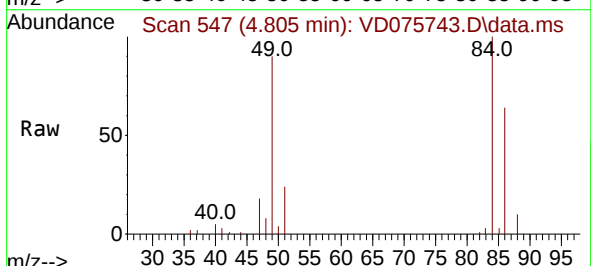
Manual Integrations
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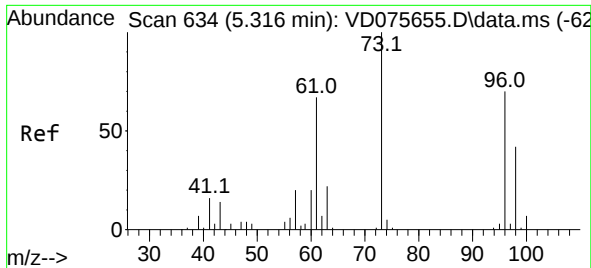
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 23.340 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion: 84 Resp: 69408
Ion Ratio Lower Upper
84 100
49 89.7 106.4 159.6#
51 23.8 32.4 48.6#
86 64.3 50.9 76.3





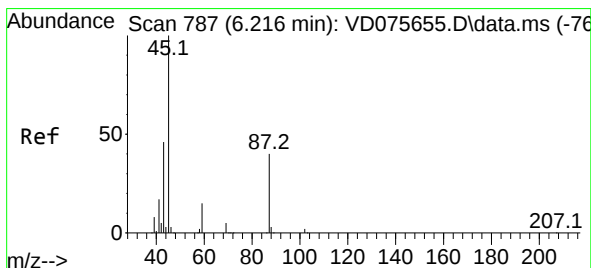
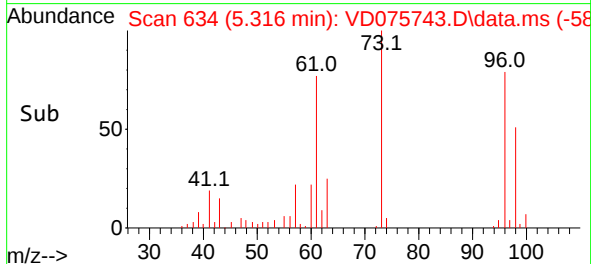
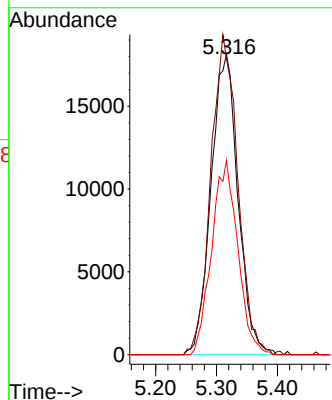
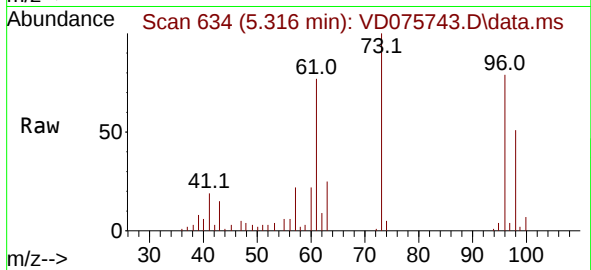
#21
trans-1,2-Dichloroethene
Concen: 20.920 ug/l
RT: 5.316 min Scan# 614
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

Tgt Ion: 96 Resp: 55814
Ion Ratio Lower Upper
96 100
61 98.5 117.2 175.8
98 64.7 50.6 76.0

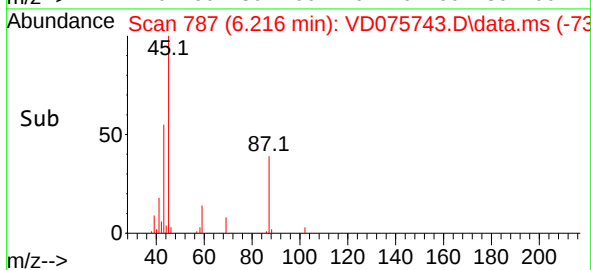
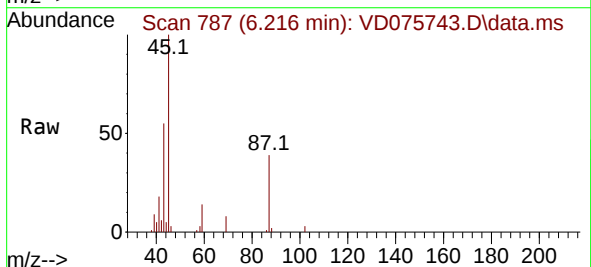
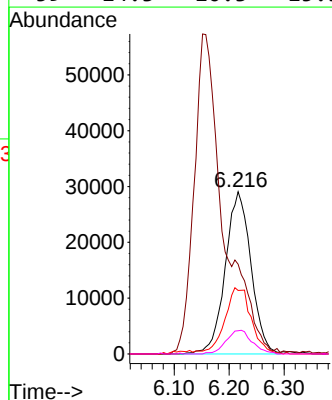
Manual Integrations
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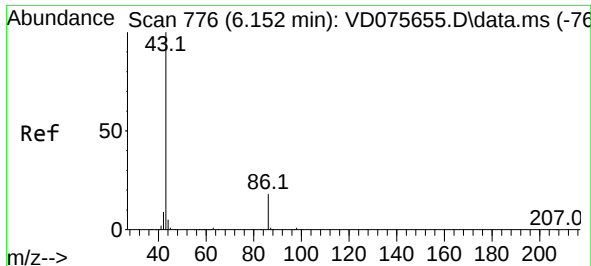
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#22
Diisopropyl ether
Concen: 20.498 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

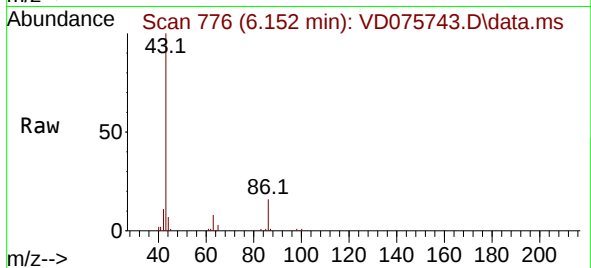
Tgt Ion: 45 Resp: 94496
Ion Ratio Lower Upper
45 100
43 54.4 44.4 66.6
87 38.6 20.9 31.3
59 14.3 10.3 15.5





#23
 Vinyl Acetate
 Concen: 99.780 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075743.D
 Acq: 19 Apr 2023 12:26

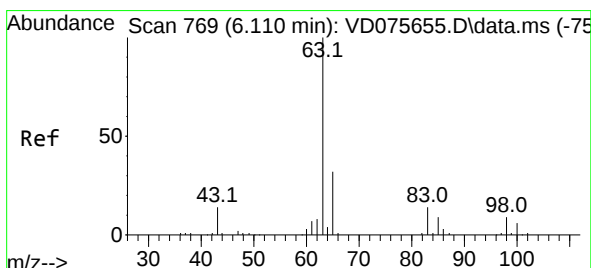
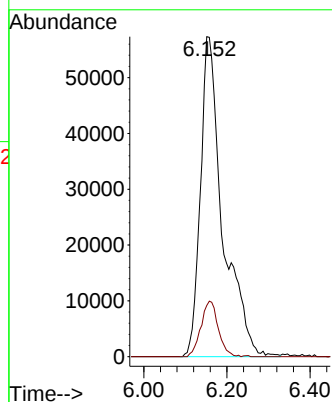
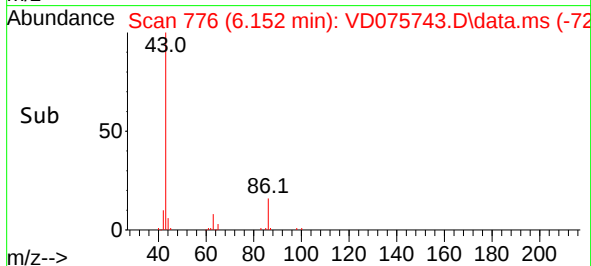
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBSD01



Tgt Ion: 43 Resp: 213659
 Ion Ratio Lower Upper
 43 100
 86 16.0 9.0 13.6

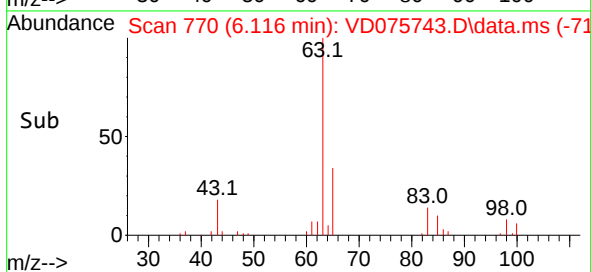
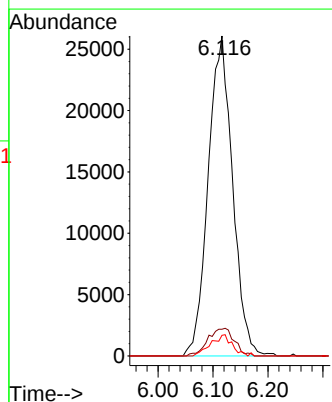
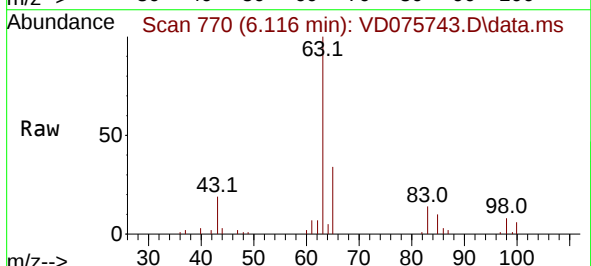
Manual Integrations
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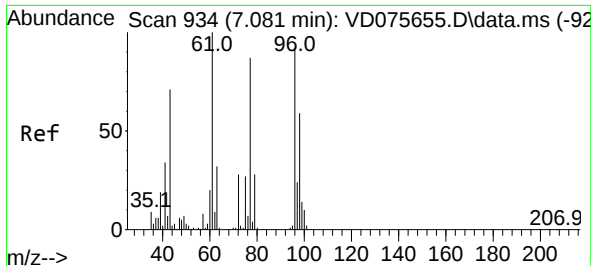
Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#24
 1,1-Dichloroethane
 Concen: 21.061 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD075743.D
 Acq: 19 Apr 2023 12:26

Tgt Ion: 63 Resp: 80456
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 6.5 2.0 6.0





#25

2-Butanone

Concen: 90.054 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075743.D

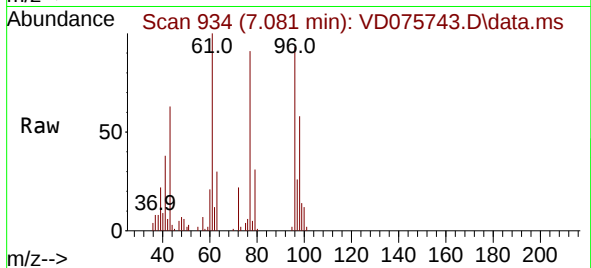
Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01



Tgt Ion: 43 Resp: 40320

Ion Ratio Lower Upper

43 100

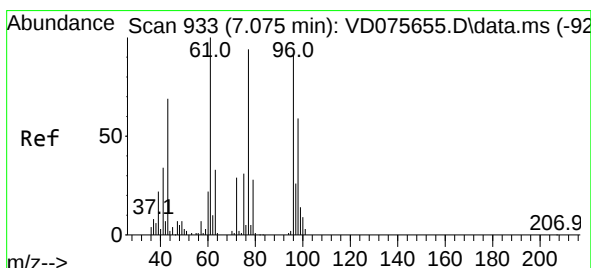
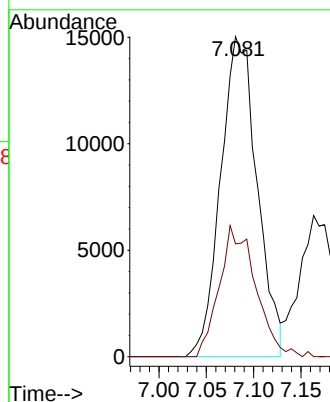
72 35.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#26

2,2-Dichloropropane

Concen: 19.767 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD075743.D

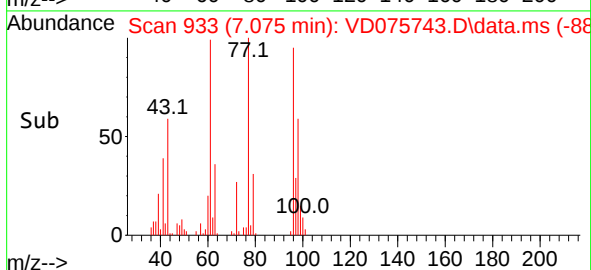
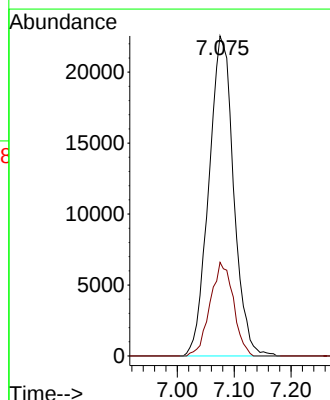
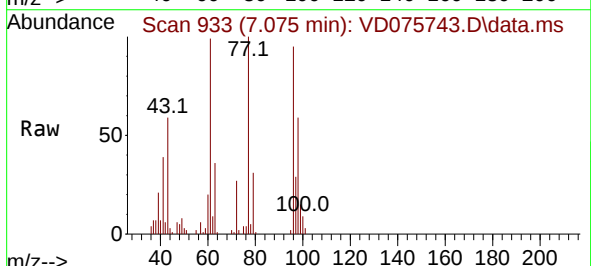
Acq: 19 Apr 2023 12:26

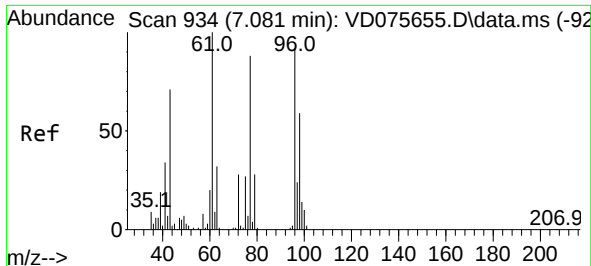
Tgt Ion: 77 Resp: 68459

Ion Ratio Lower Upper

77 100

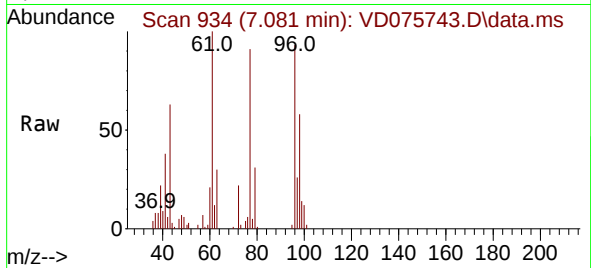
97 27.4 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.102 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075743.D
 Acq: 19 Apr 2023 12:26

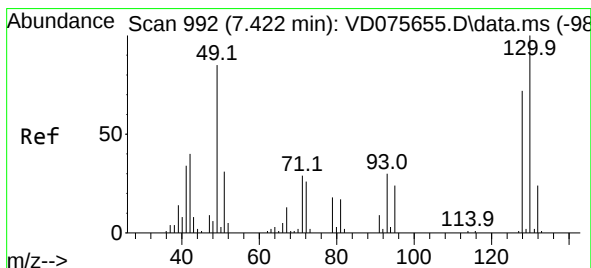
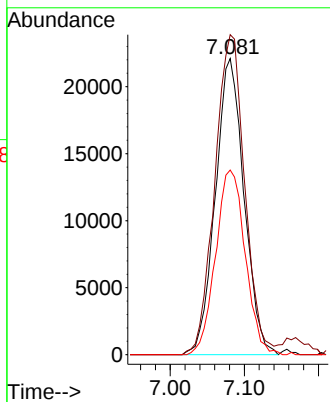
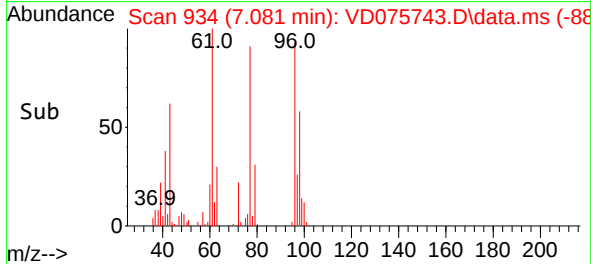
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBS01



Tgt Ion: 96 Resp: 5941
 Ion Ratio Lower Upper
 96 100
 61 112.3 0.0 295.2
 98 64.4 0.0 129.2

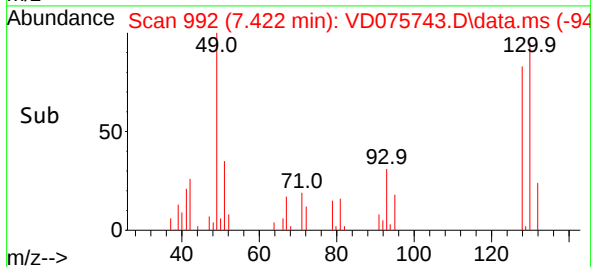
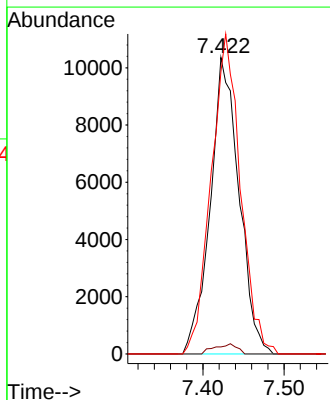
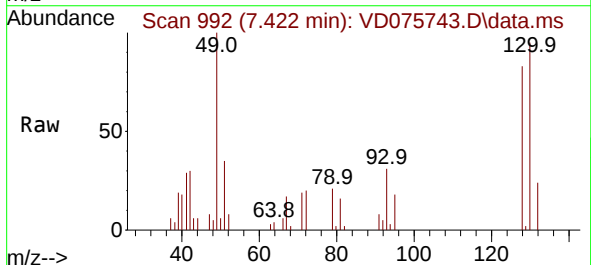
Manual Integrations
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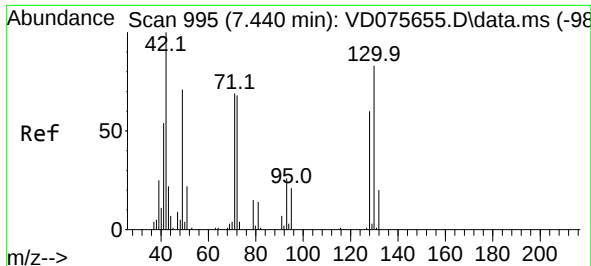
Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#28
 Bromochloromethane
 Concen: 21.161 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD075743.D
 Acq: 19 Apr 2023 12:26

Tgt Ion: 49 Resp: 25553
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 2.2#
 130 109.8 56.0 84.0#





#29

Tetrahydrofuran

Concen: 98.288 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01

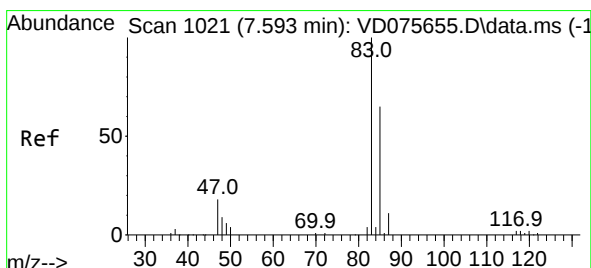
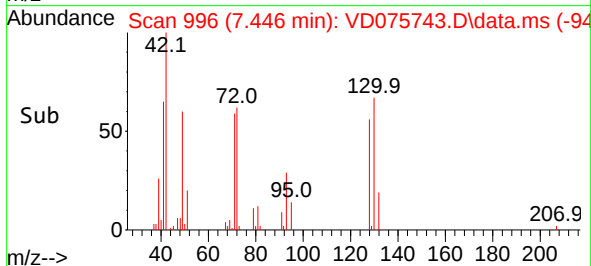
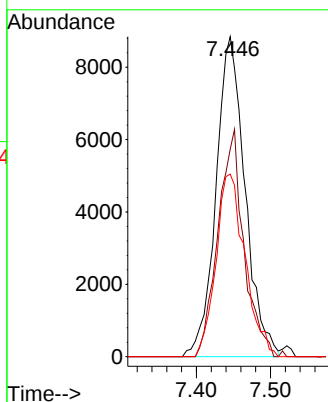
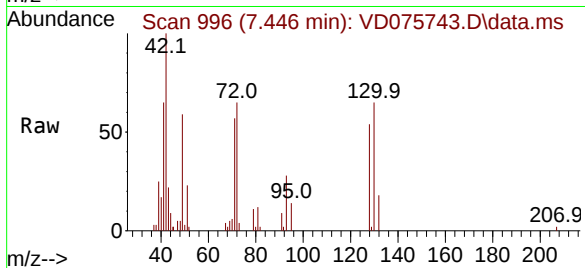
Tgt Ion:	42	Resp:	24069
Ion Ratio	Lower	Upper	
42	100		
72	63.0	31.8	47.6
71	57.1	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Chloroform

Concen: 20.698 ug/l

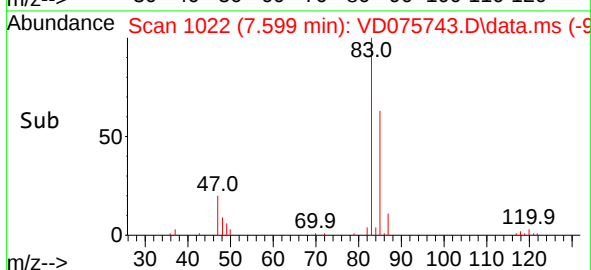
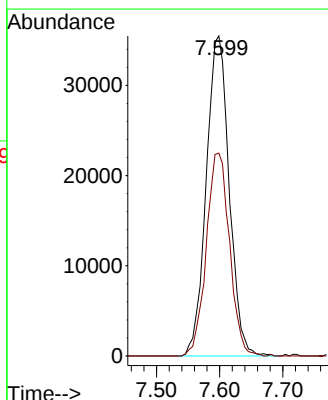
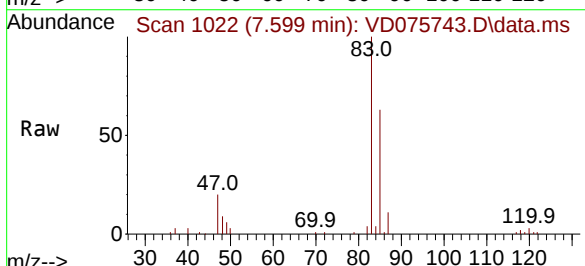
RT: 7.599 min Scan# 1022

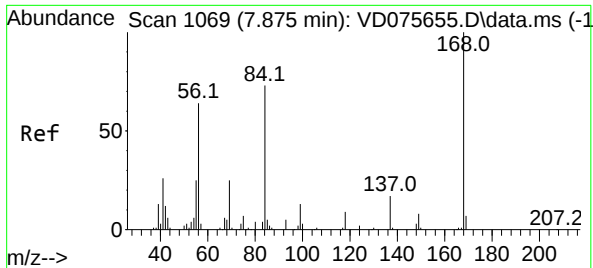
Delta R.T. 0.006 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

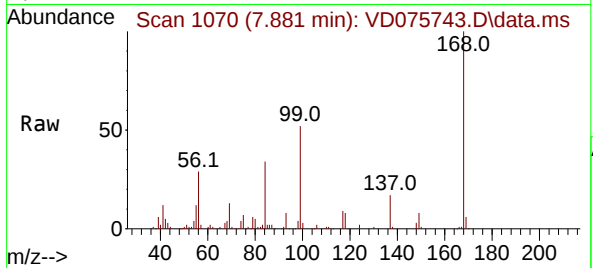
Tgt Ion:	83	Resp:	89636
Ion Ratio	Lower	Upper	
83	100		
85	63.4	49.4	74.2





#31
Cyclohexane
Concen: 20.523 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

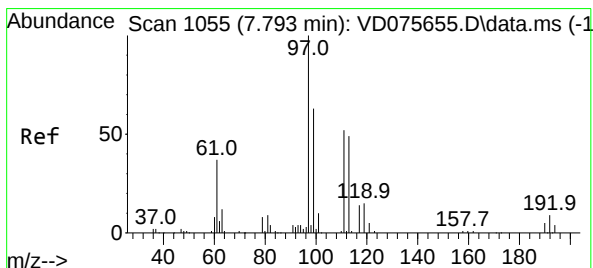
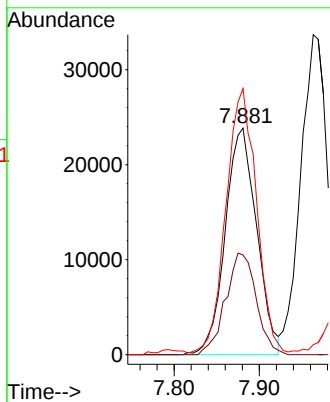
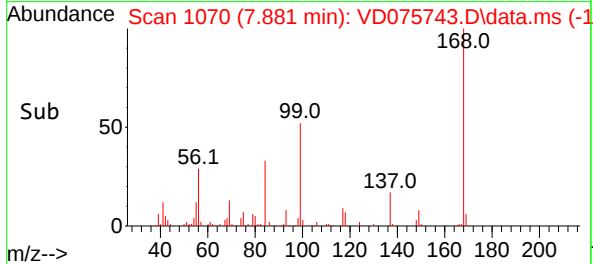
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01



Tgt Ion: 56 Resp: 61140
Ion Ratio Lower Upper
56 100
69 44.0 25.5 38.3
84 115.8 69.6 104.4

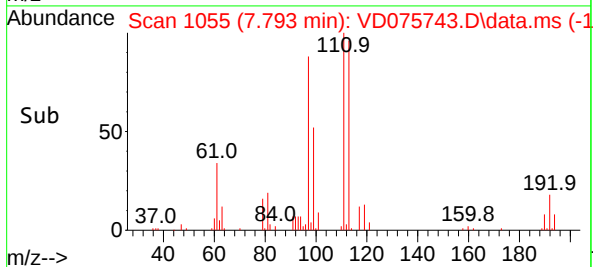
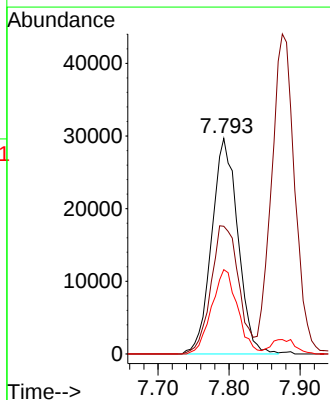
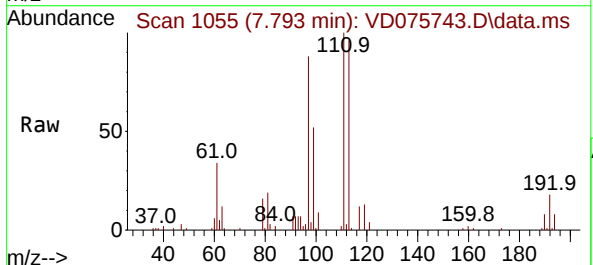
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APPROVED

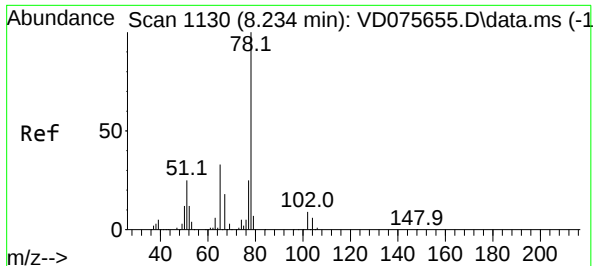
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#32
1,1,1-Trichloroethane
Concen: 21.451 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion: 97 Resp: 75746
Ion Ratio Lower Upper
97 100
99 62.8 50.5 75.7
61 38.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.500 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

Tgt Ion: 65 Resp: 92074

Ion Ratio Lower Upper

65 100

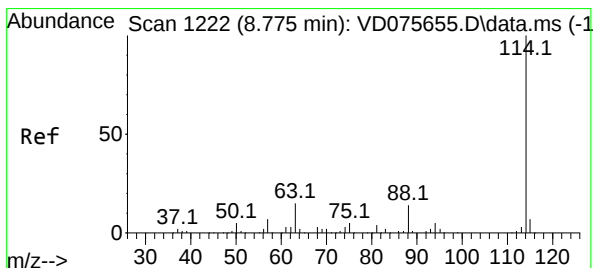
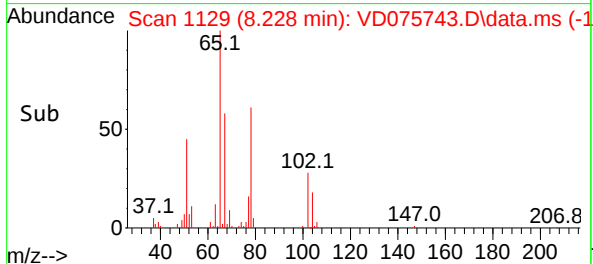
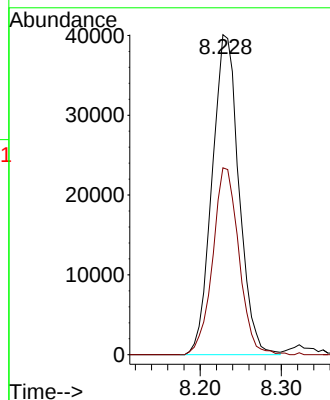
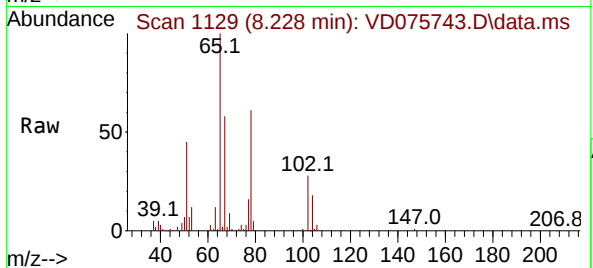
67 57.0 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

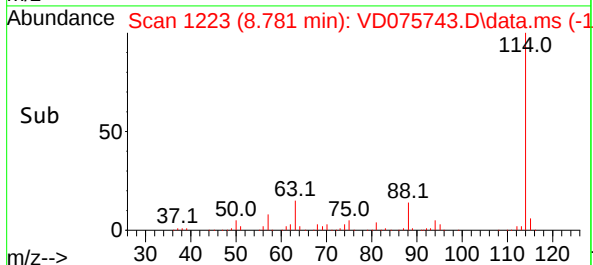
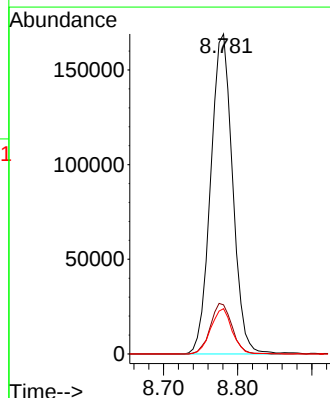
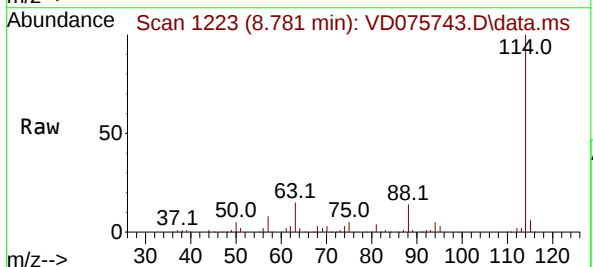
Tgt Ion:114 Resp: 346745

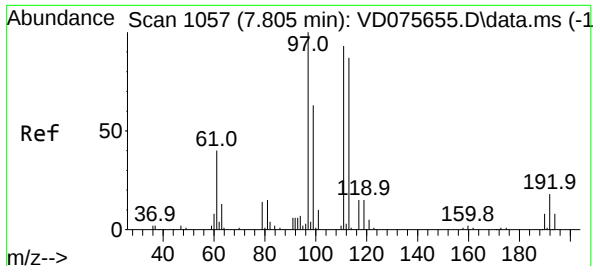
Ion Ratio Lower Upper

114 100

63 15.3 0.0 41.6

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.804 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

Tgt Ion: 113 Resp: 113820

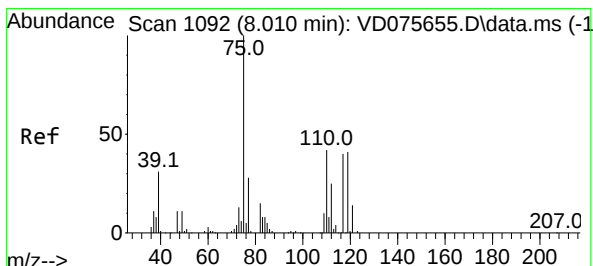
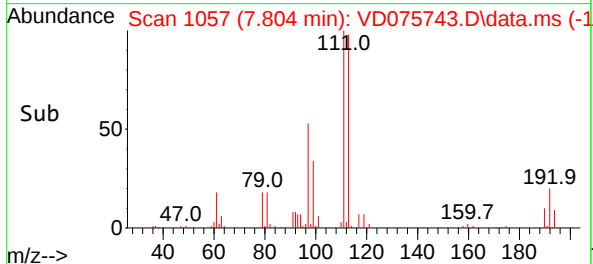
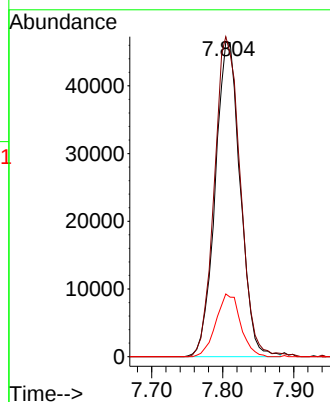
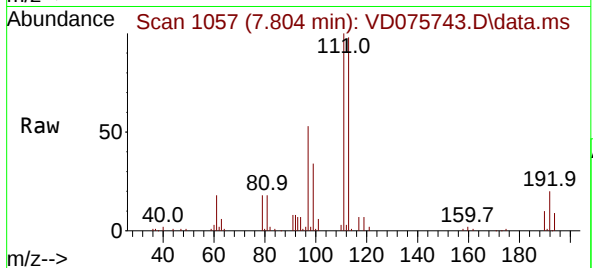
Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.4	122.0
192	19.5	15.2	22.8

Manual Integrations

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Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#36

1,1-Dichloropropene

Concen: 20.750 ug/l

RT: 8.010 min Scan# 1092

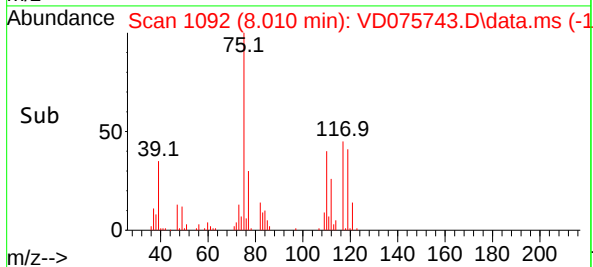
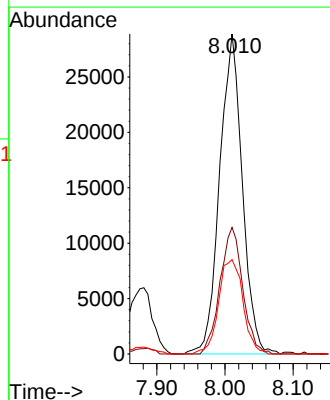
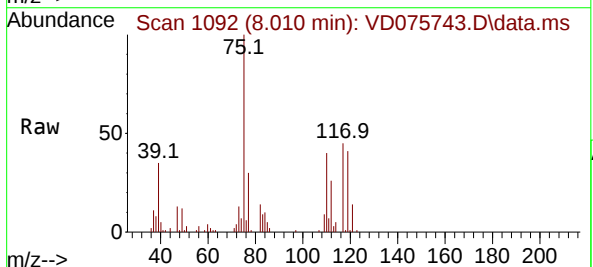
Delta R.T. 0.000 min

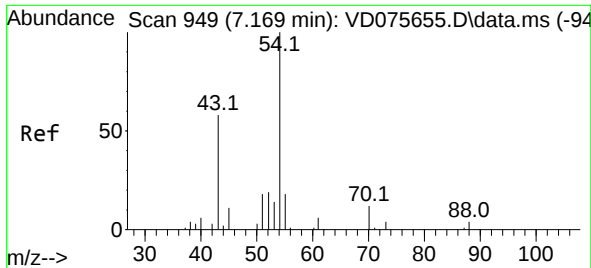
Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Tgt Ion: 75 Resp: 66762

Ion	Ratio	Lower	Upper
75	100		
110	39.6	17.1	51.2
77	31.7	24.6	36.8





#37

Ethyl Acetate

Concen: 19.345 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01

Tgt Ion: 43 Resp: 1894

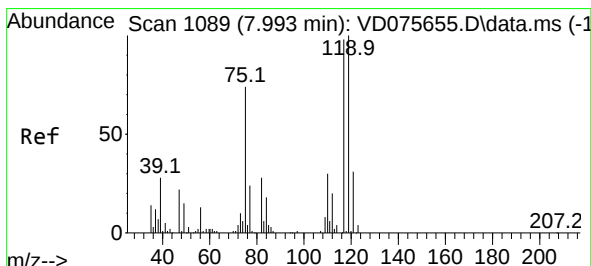
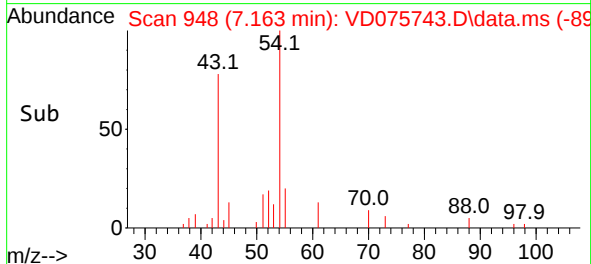
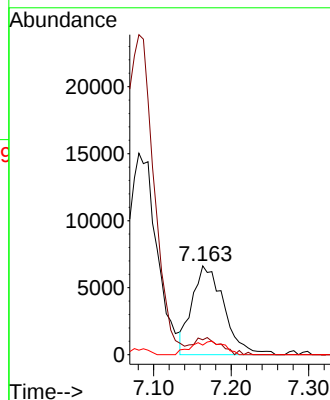
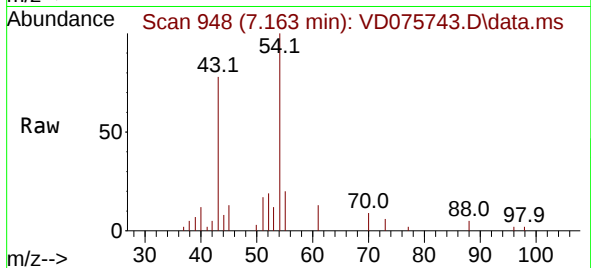
Ion	Ratio	Lower	Upper
43	100		
61	16.8	0.0	0.0
70	15.4	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#38

Carbon Tetrachloride

Concen: 21.236 ug/l

RT: 7.993 min Scan# 1089

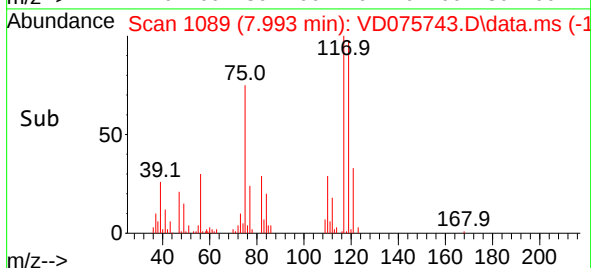
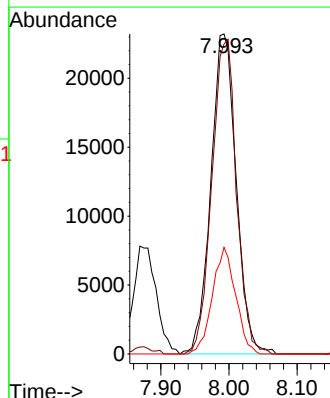
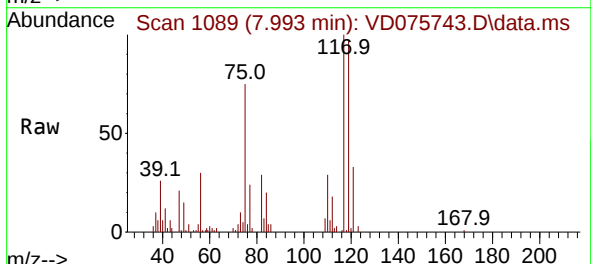
Delta R.T. -0.000 min

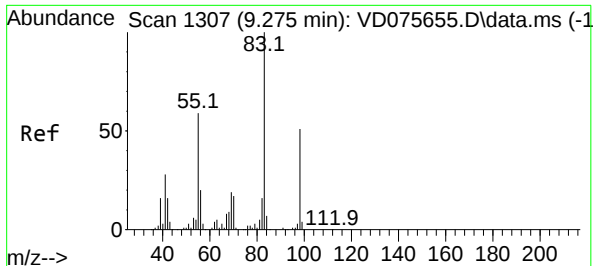
Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Tgt Ion:117 Resp: 60169

Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.7	112.1
121	33.3	25.9	38.9





#39

Methylcyclohexane

Concen: 20.281 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01

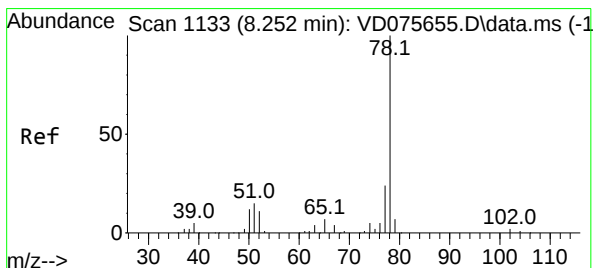
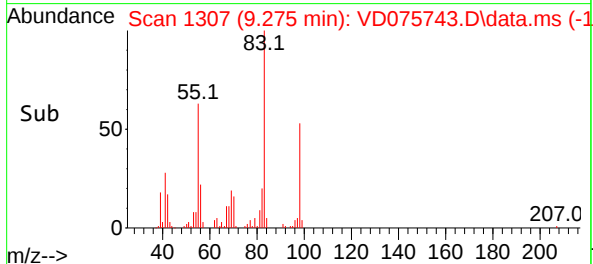
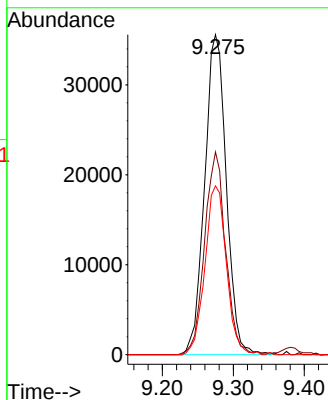
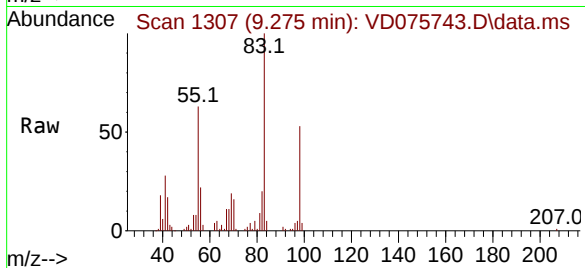
Tgt Ion: 83	Resp: 75456
Ion Ratio	Lower Upper
83 100	
55 63.3	56.8 85.2
98 52.8	38.9 58.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#40

Benzene

Concen: 20.604 ug/l

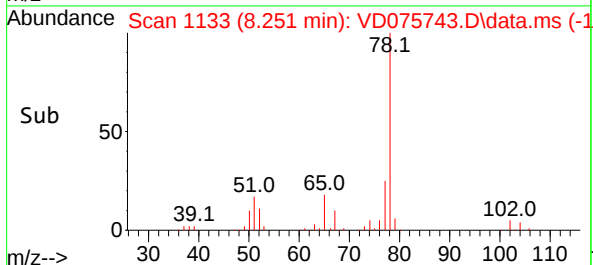
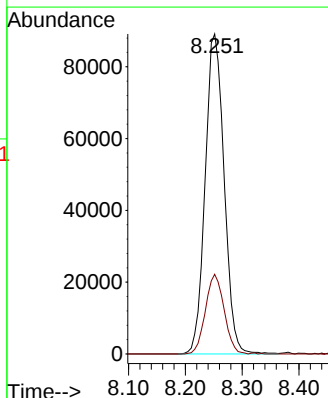
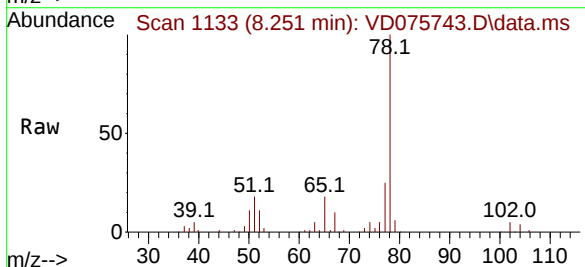
RT: 8.251 min Scan# 1133

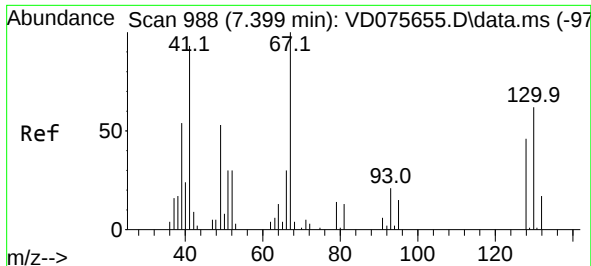
Delta R.T. -0.001 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

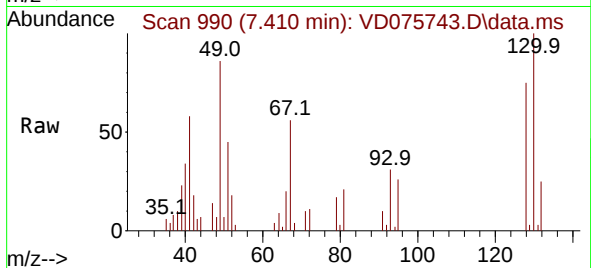
Tgt Ion: 78	Resp: 206086
Ion Ratio	Lower Upper
78 100	
77 24.9	19.1 28.7





#41
Methacrylonitrile
Concen: 21.176 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.011 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

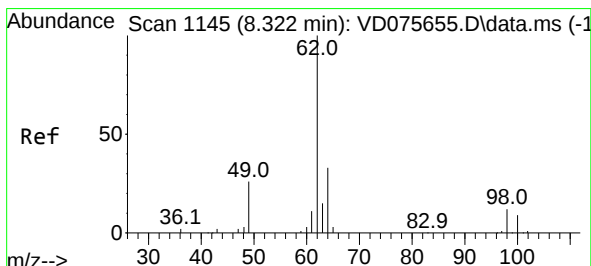
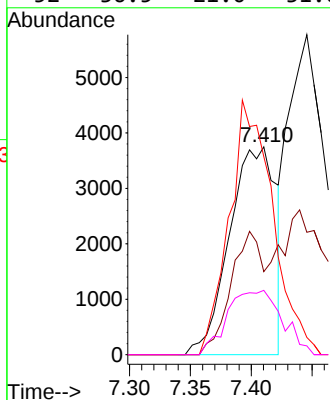
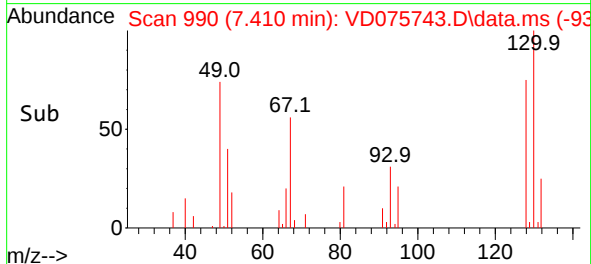
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01



Tgt Ion: 41 Resp: 9950
Ion Ratio Lower Upper
41 100
39 40.4 45.3 67.9
67 114.7 50.5 75.7
52 36.5 21.0 31.6

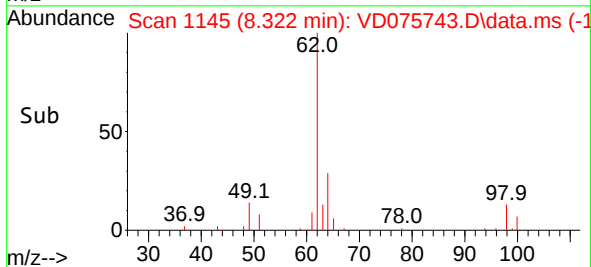
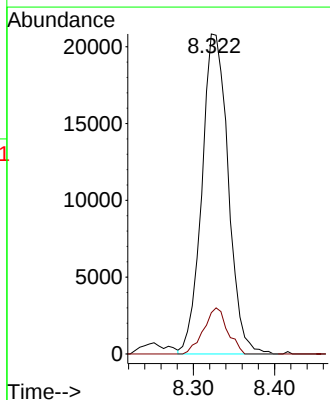
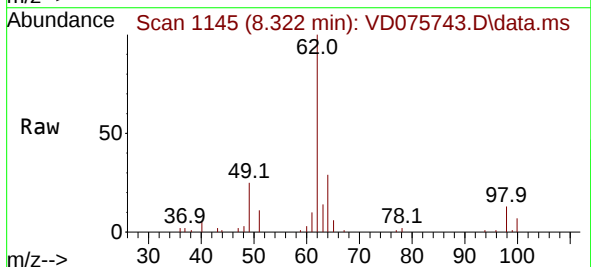
Manual Integrations
APPROVED

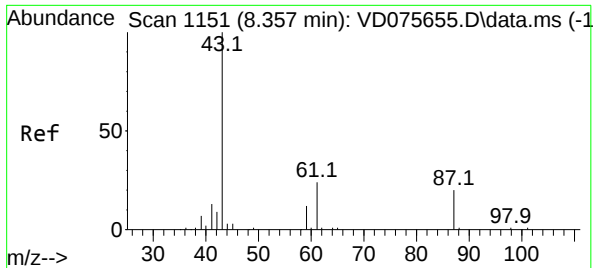
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#42
1,2-Dichloroethane
Concen: 20.654 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion: 62 Resp: 46924
Ion Ratio Lower Upper
62 100
98 13.0 0.0 18.8





#43

Isopropyl Acetate

Concen: 18.614 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

Tgt Ion: 43 Resp: 33230

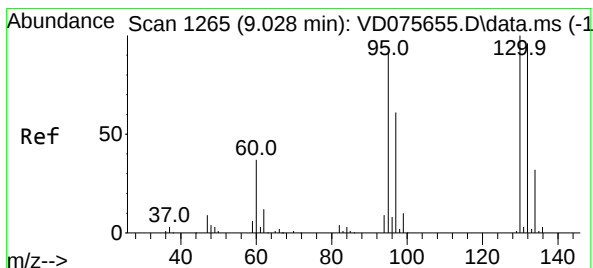
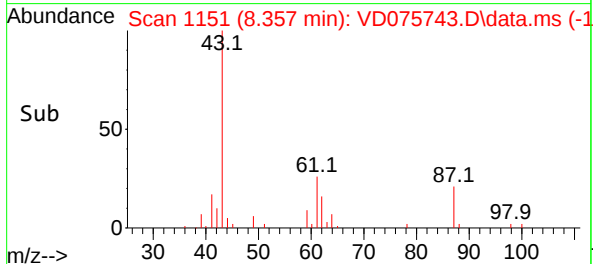
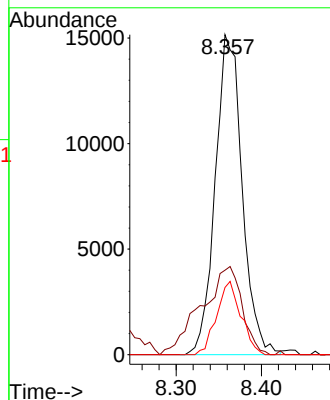
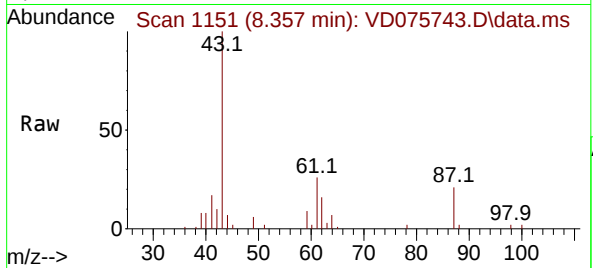
Ion	Ratio	Lower	Upper
43	100		
61	41.5	23.4	35.0
87	20.7	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#44

Trichloroethene

Concen: 20.312 ug/l

RT: 9.028 min Scan# 1265

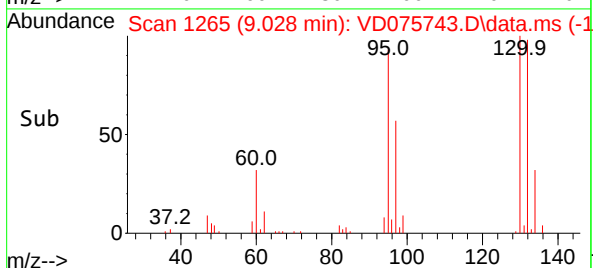
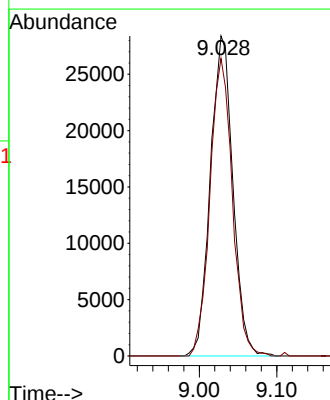
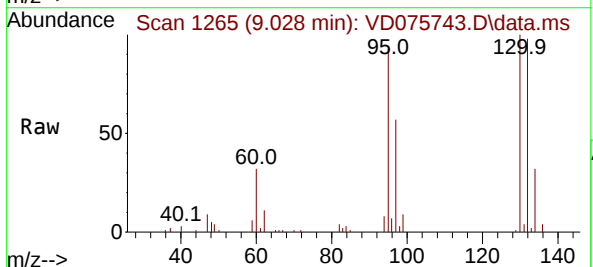
Delta R.T. -0.000 min

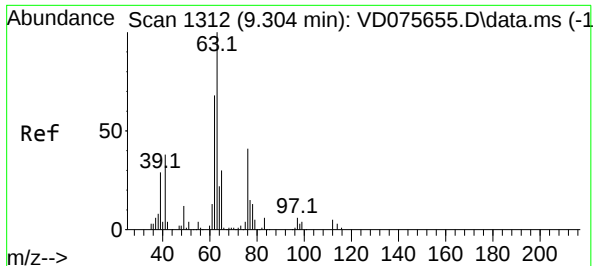
Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Tgt Ion:130 Resp: 57499

Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	197.6





#45

1,2-Dichloropropane

Concen: 20.600 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01

Tgt Ion: 63 Resp: 46174

Ion Ratio Lower Upper

63 100

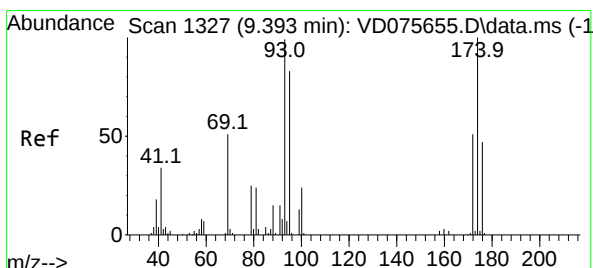
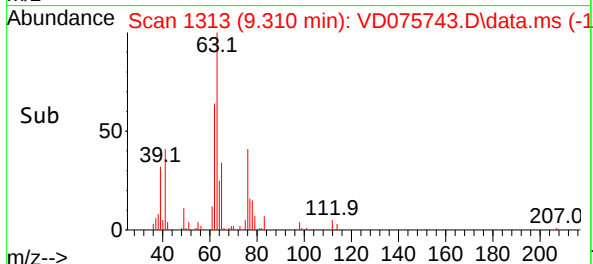
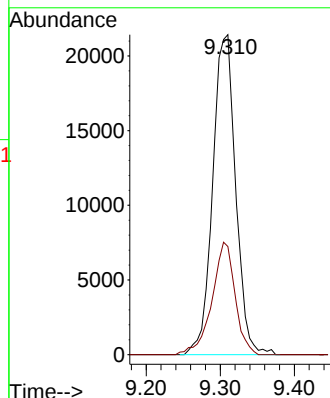
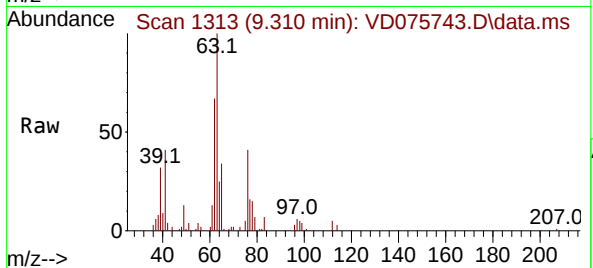
65 33.8 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

Dibromomethane

Concen: 19.275 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

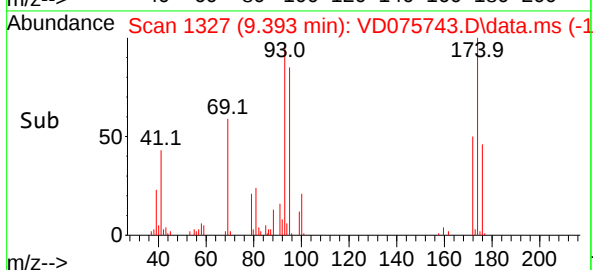
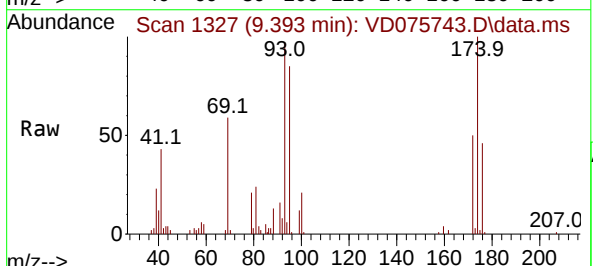
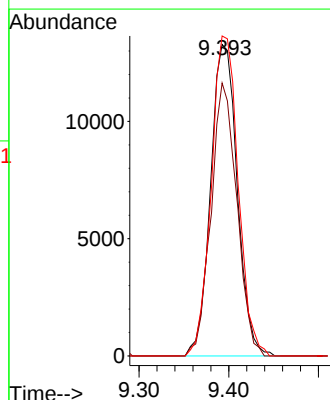
Tgt Ion: 93 Resp: 27408

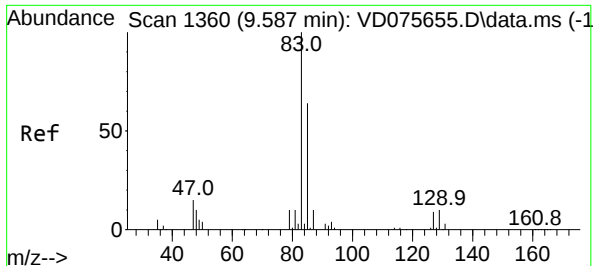
Ion Ratio Lower Upper

93 100

95 85.0 64.5 96.7

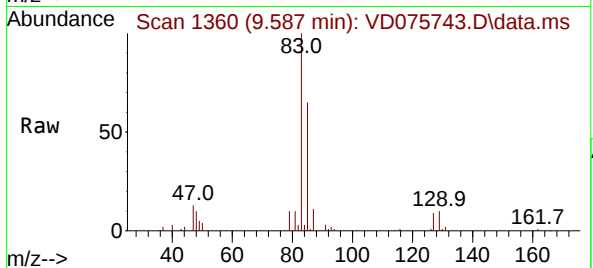
174 103.7 76.2 114.4





#47
Bromodichloromethane
Concen: 20.214 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

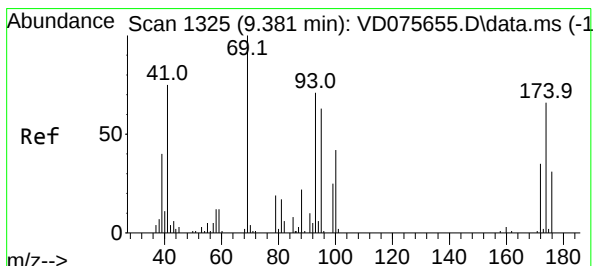
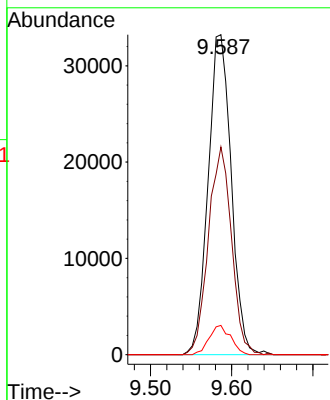
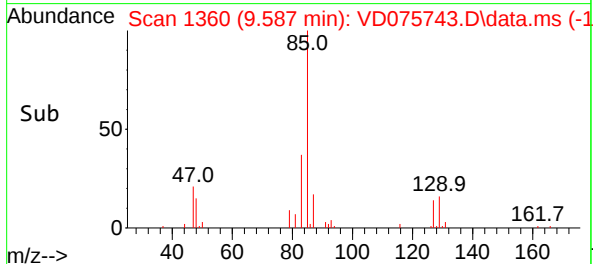
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01



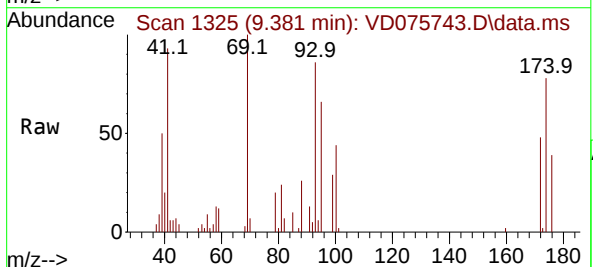
Tgt Ion: 83 Resp: 6575
Ion Ratio Lower Upper
83 100
85 64.9 53.7 80.5
127 9.2 7.0 10.6

Manual Integrations
APPROVED

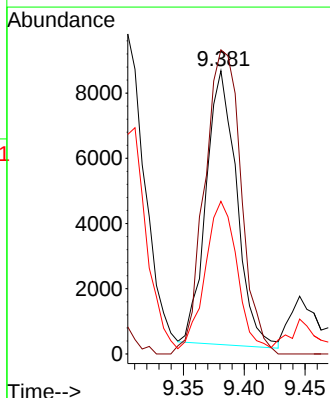
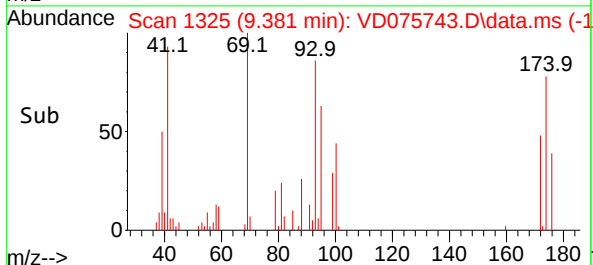
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

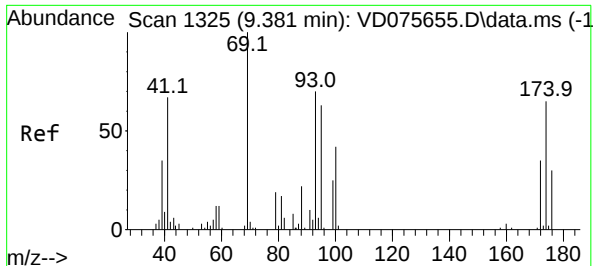


#48
Methyl methacrylate
Concen: 18.450 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26



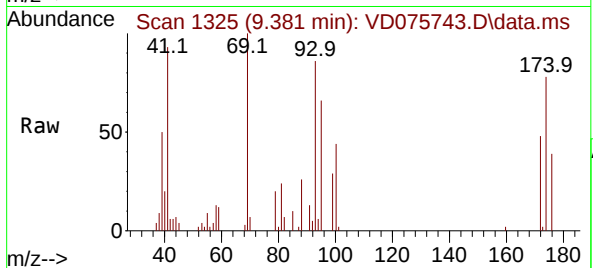
Tgt Ion: 41 Resp: 14677
Ion Ratio Lower Upper
41 100
69 132.5 58.6 88.0#
39 56.3 53.4 80.0





#49
1,4-Dioxane
Concen: 362.706 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

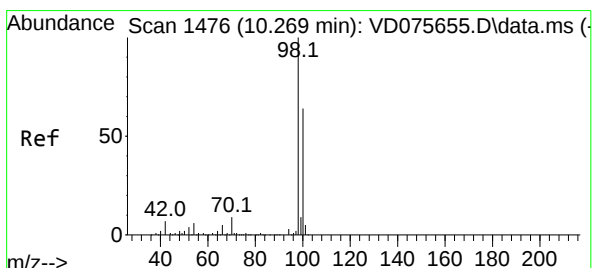
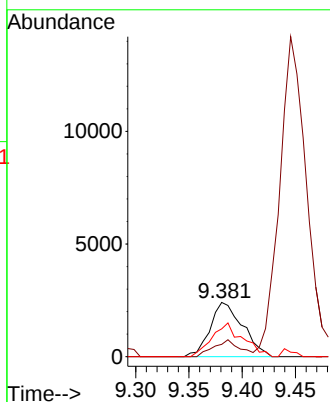
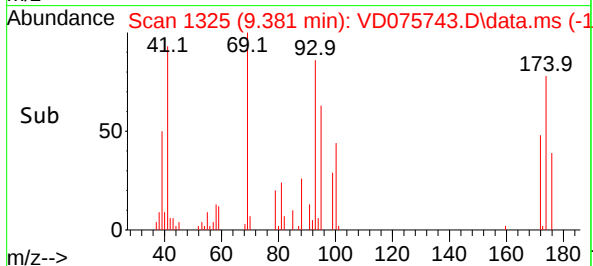
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01



Tgt Ion: 88 Resp: 511
Ion Ratio Lower Upper
88 100
43 25.1 34.6 51.8
58 59.2 58.0 87.0

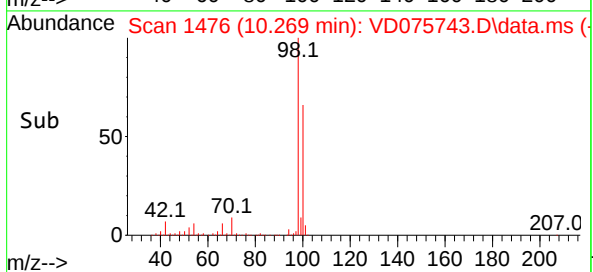
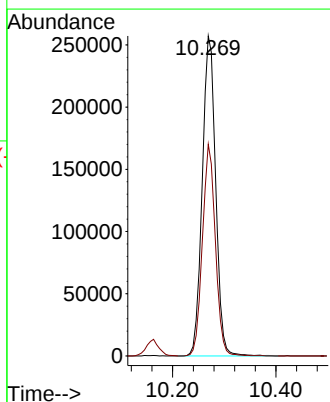
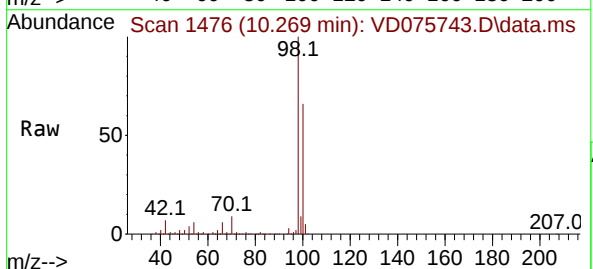
Manual Integrations
APPROVED

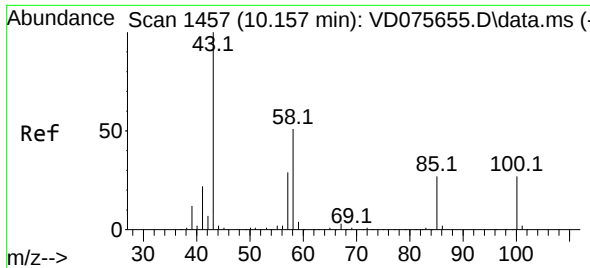
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#50
Toluene-d8
Concen: 49.587 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion: 98 Resp: 463116
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1





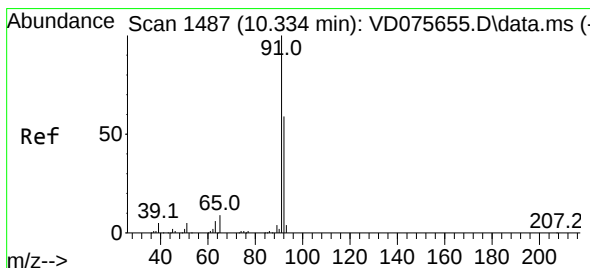
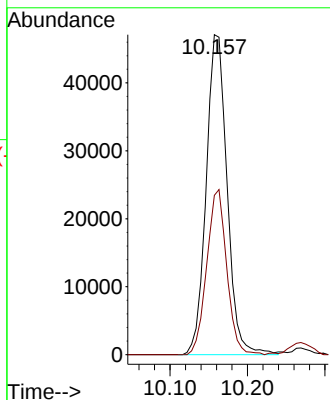
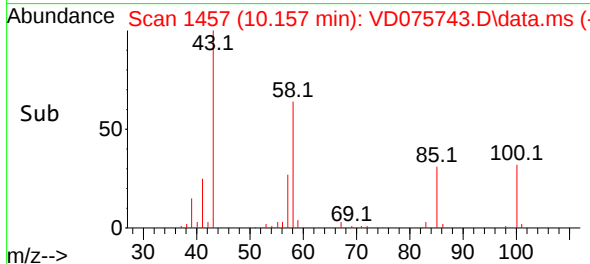
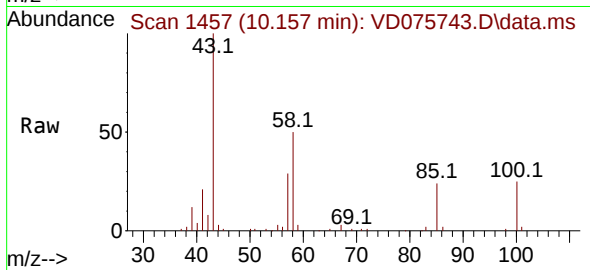
#51
4-Methyl-2-Pentanone
Concen: 92.829 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

Tgt Ion: 43 Resp: 88372
Ion Ratio Lower Upper
43 100
58 49.2 29.5 44.3

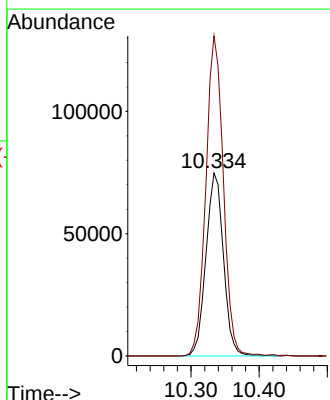
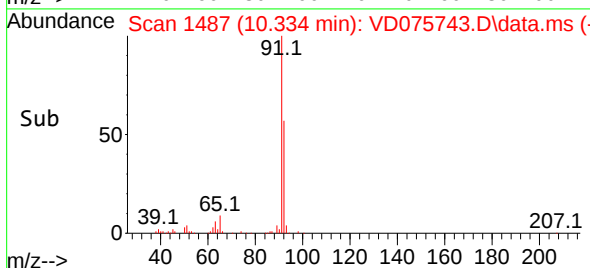
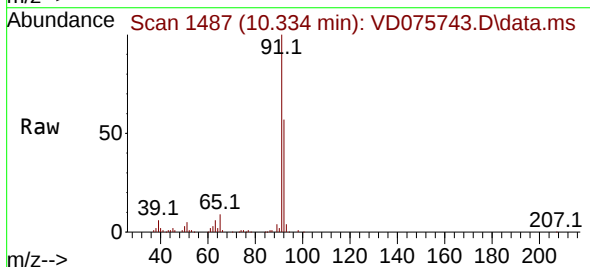
Manual Integrations
APPROVED

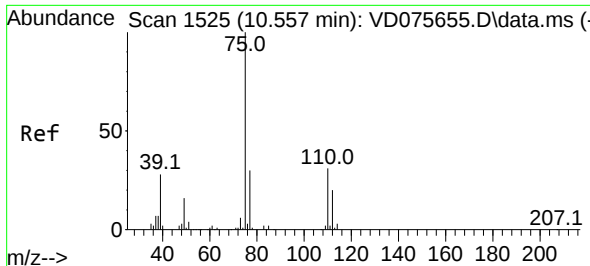
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#52
Toluene
Concen: 20.037 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

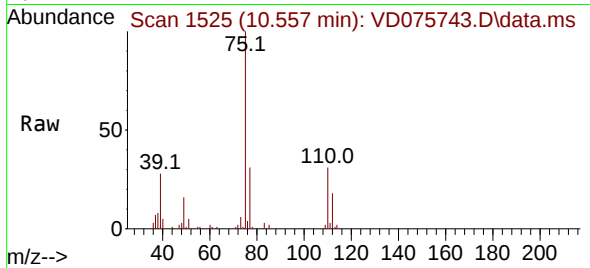
Tgt Ion: 92 Resp: 133265
Ion Ratio Lower Upper
92 100
91 175.0 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 18.692 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

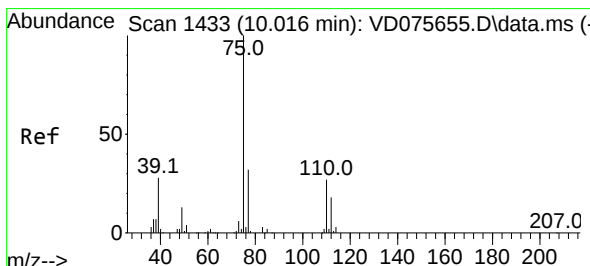
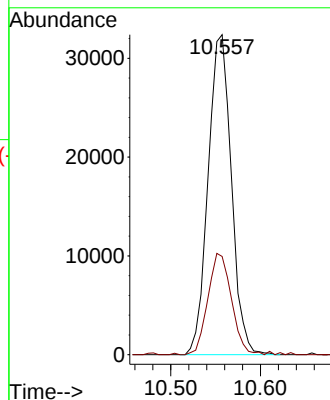
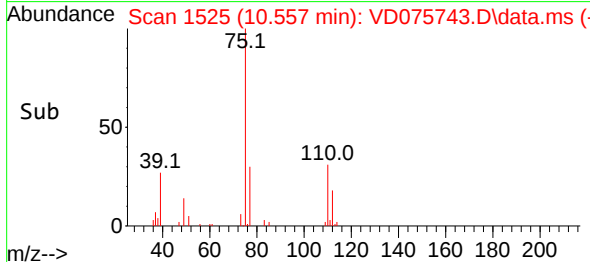
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01



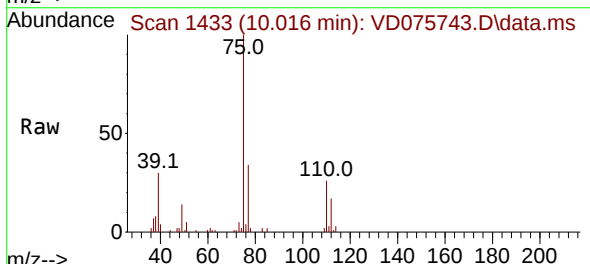
Tgt Ion: 75 Resp: 5828
Ion Ratio Lower Upper
75 100
77 30.7 26.3 39.5

Manual Integrations
APPROVED

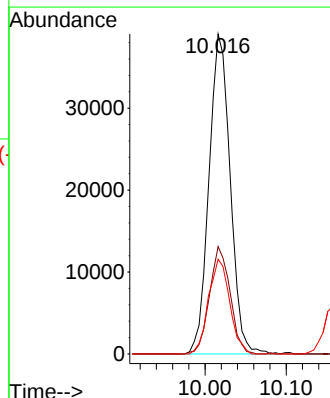
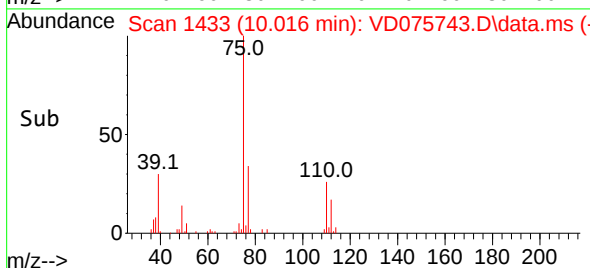
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

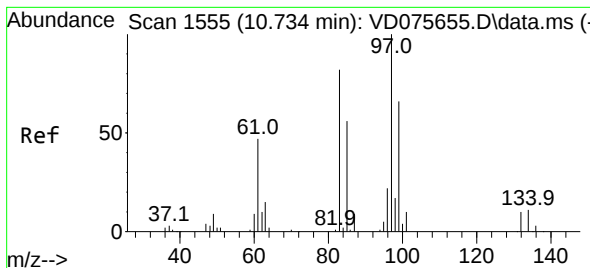


#54
cis-1,3-Dichloropropene
Concen: 19.157 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26



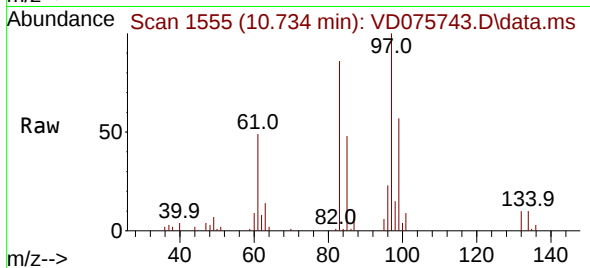
Tgt Ion: 75 Resp: 70972
Ion Ratio Lower Upper
75 100
77 33.5 25.6 38.4
39 29.6 44.8 67.2#





#55
1,1,2-Trichloroethane
Concen: 19.182 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

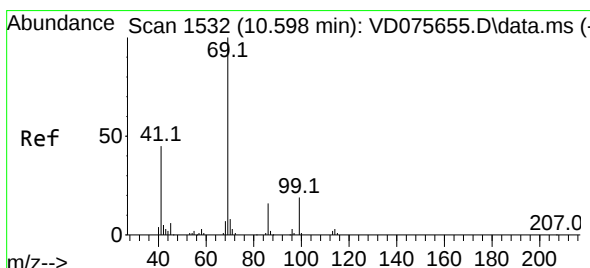
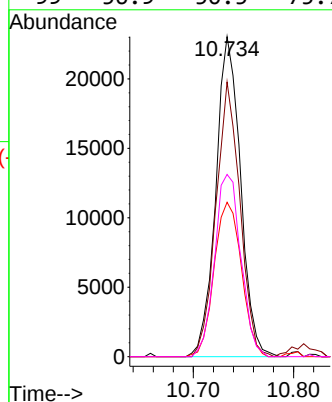
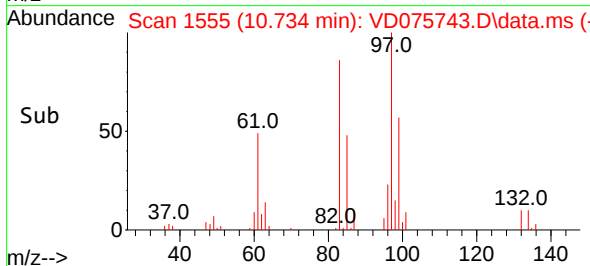
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	74.2	111.4
85	48.3	45.4	68.0
99	56.9	50.5	75.7

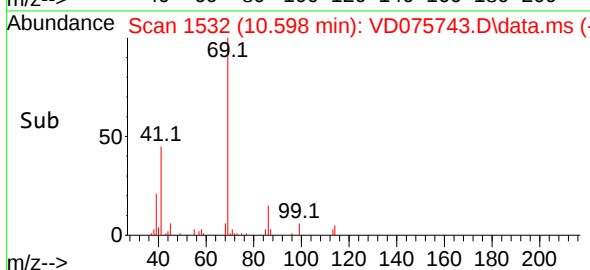
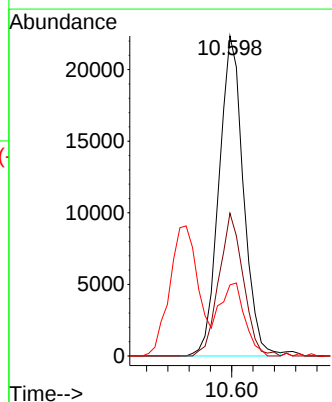
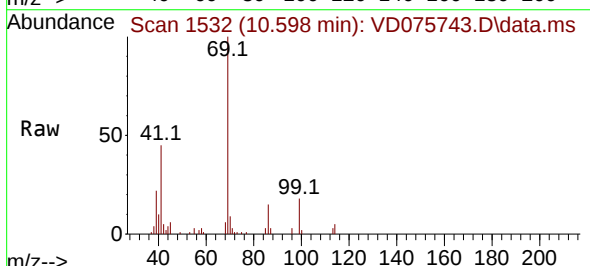
Manual Integrations
APPROVED

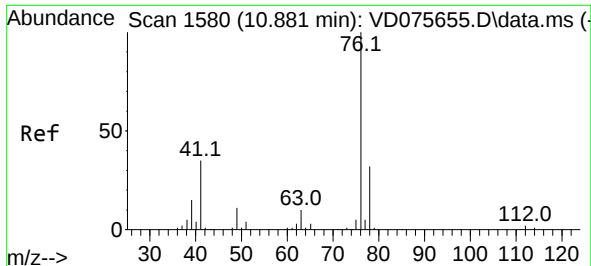
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#56
Ethyl methacrylate
Concen: 17.552 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	44.6	59.3	88.9#
39	23.2	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 19.456 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

Tgt Ion: 76 Resp: 6081

Ion Ratio Lower Upper

76 100

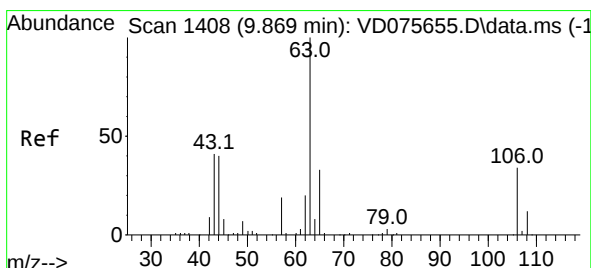
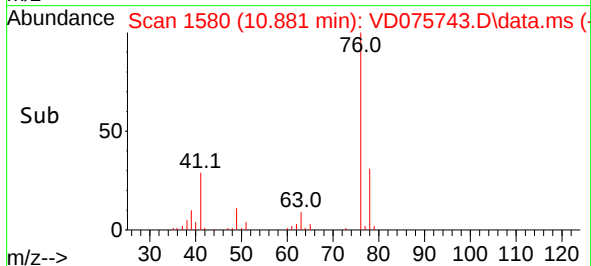
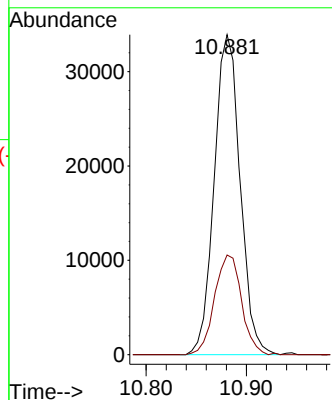
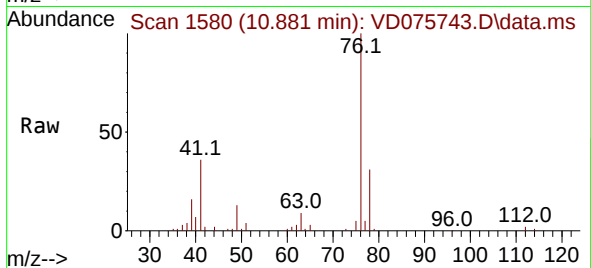
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.932 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075743.D

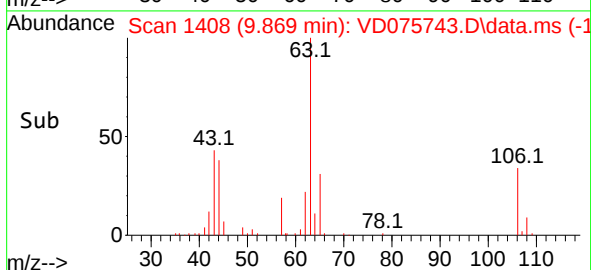
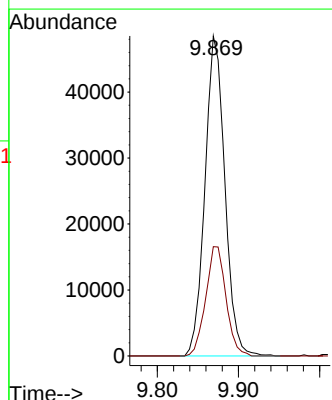
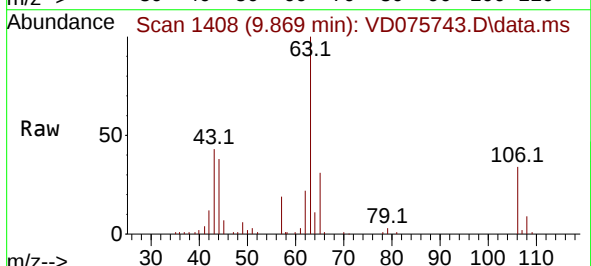
Acq: 19 Apr 2023 12:26

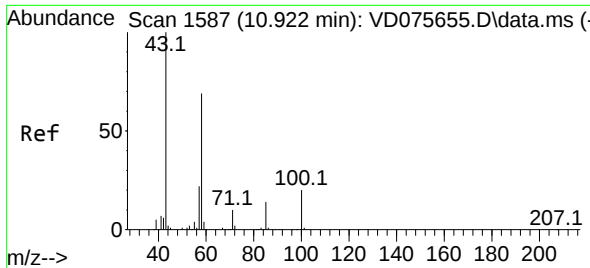
Tgt Ion: 63 Resp: 82607

Ion Ratio Lower Upper

63 100

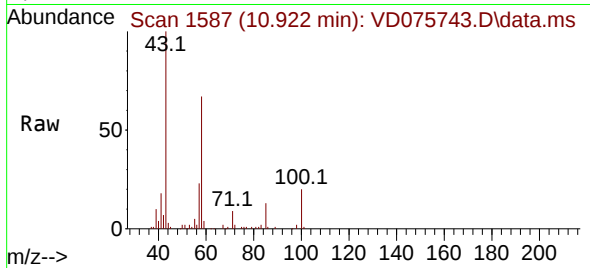
106 34.8 21.4 32.2#





#59
2-Hexanone
Concen: 92.424 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

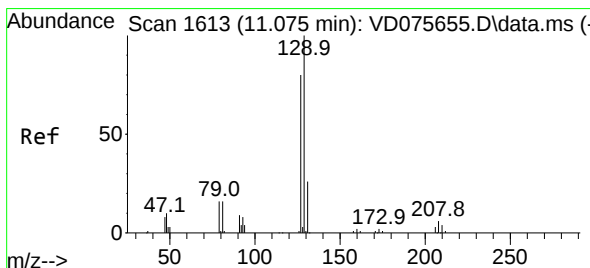
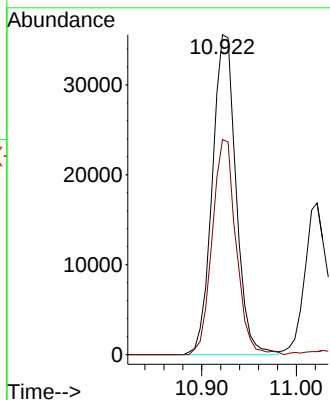
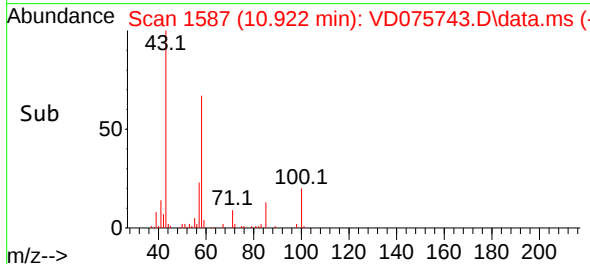
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01



Tgt Ion: 43 Resp: 6186
Ion Ratio Lower Upper
43 100
58 67.5 25.3 75.8

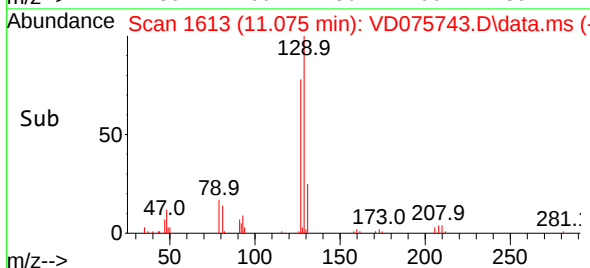
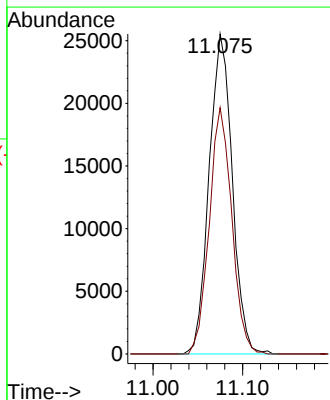
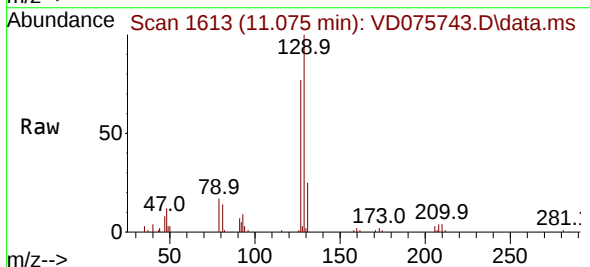
Manual Integrations
APPROVED

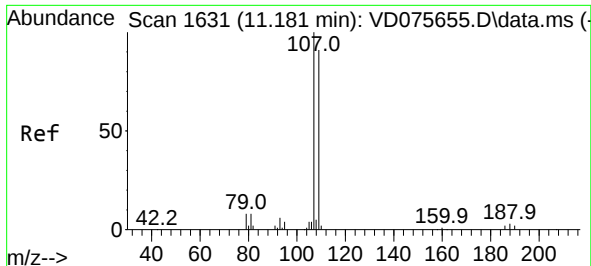
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#60
Dibromochloromethane
Concen: 18.969 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion:129 Resp: 45700
Ion Ratio Lower Upper
129 100
127 75.0 38.1 114.5





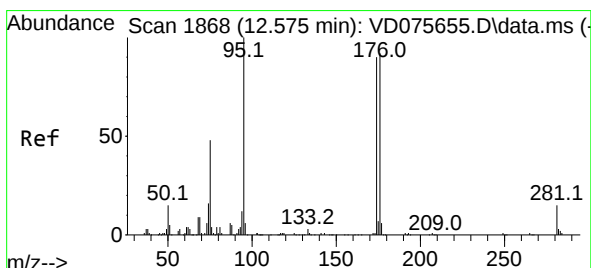
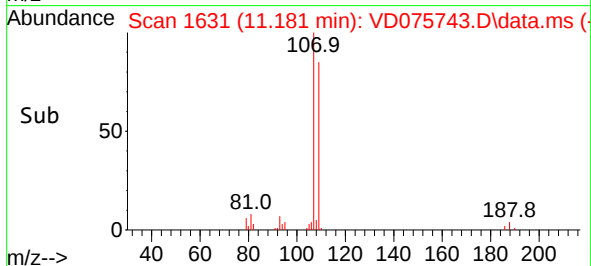
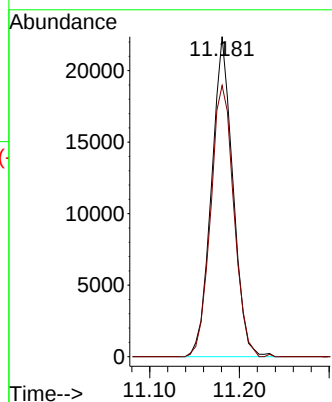
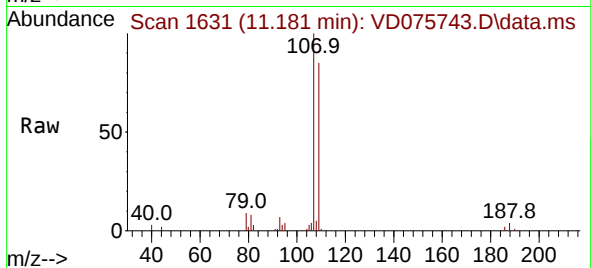
#61
1,2-Dibromoethane
Concen: 18.926 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

Tgt Ion:107 Resp: 3717
Ion Ratio Lower Upper
107 100
109 91.4 73.6 110.4

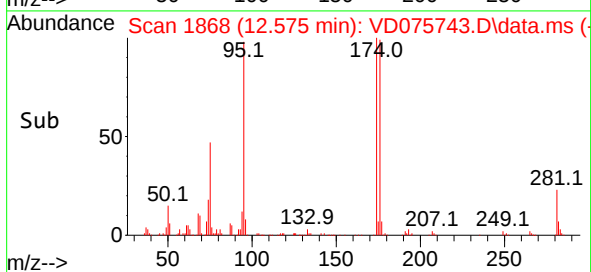
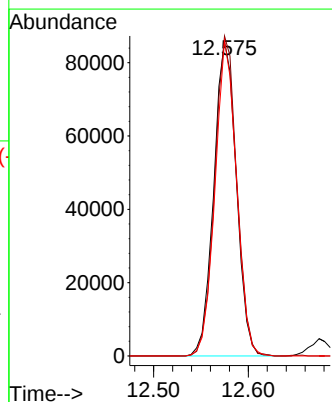
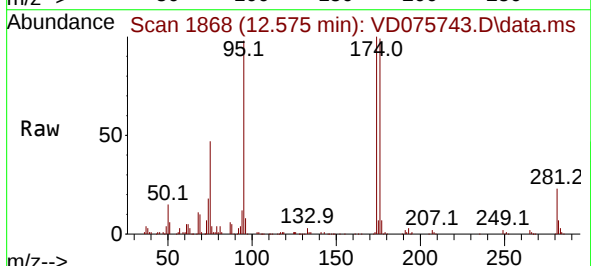
Manual Integrations
APPROVED

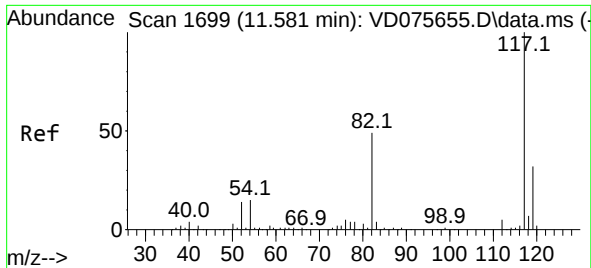
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#62
4-Bromofluorobenzene
Concen: 56.974 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

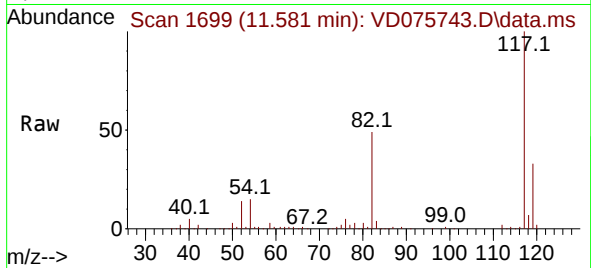
Tgt Ion: 95 Resp: 141432
Ion Ratio Lower Upper
95 100
174 100.2 0.0 164.0
176 95.8 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

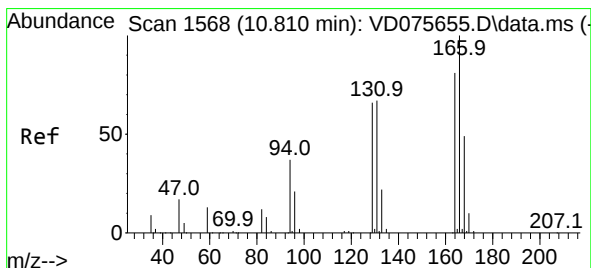
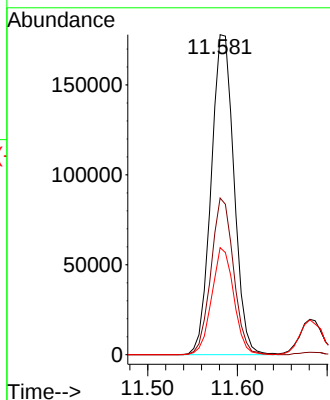
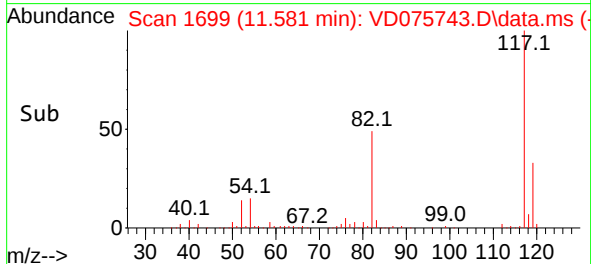
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01



Tgt Ion:117 Resp: 314750
Ion Ratio Lower Upper
117 100
82 49.0 44.0 66.0
119 33.4 25.1 37.7

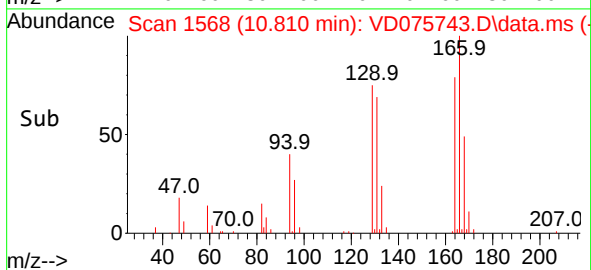
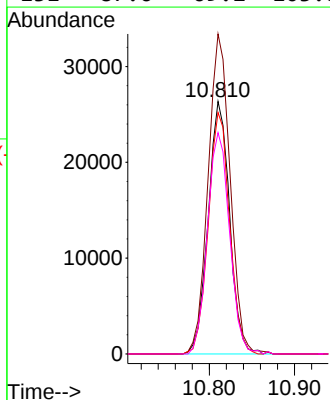
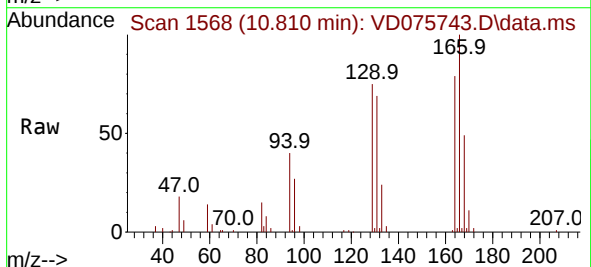
Manual Integrations
APPROVED

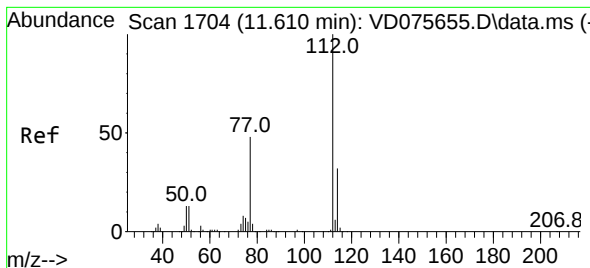
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#64
Tetrachloroethene
Concen: 20.387 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

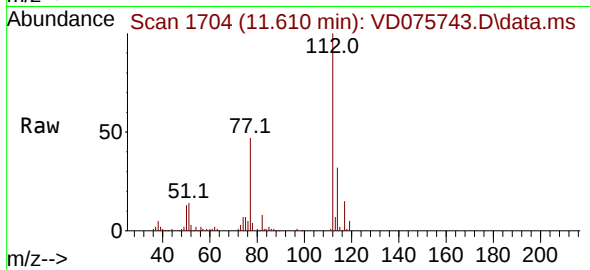
Tgt Ion:164 Resp: 46213
Ion Ratio Lower Upper
164 100
166 126.7 94.9 142.3
129 95.6 73.0 109.6
131 87.6 69.2 103.8





#65
Chlorobenzene
Concen: 20.954 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

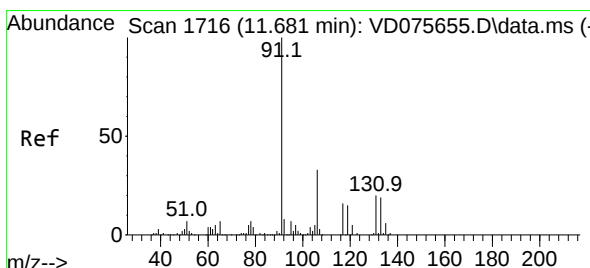
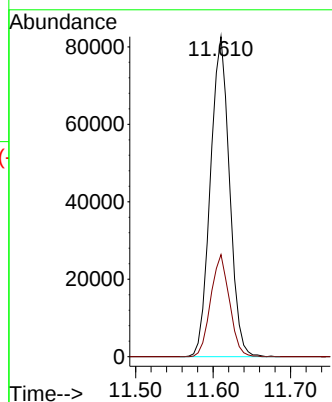
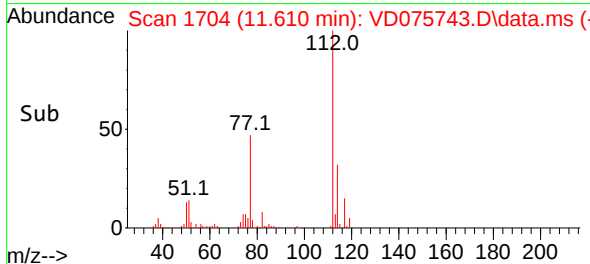
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01



Tgt Ion:112 Resp: 14126
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

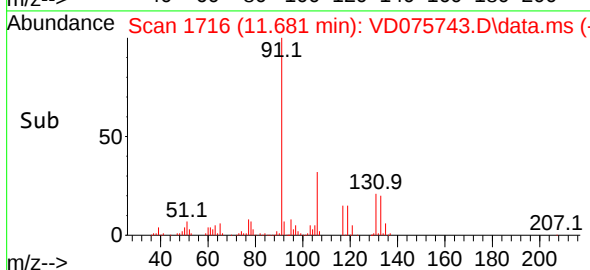
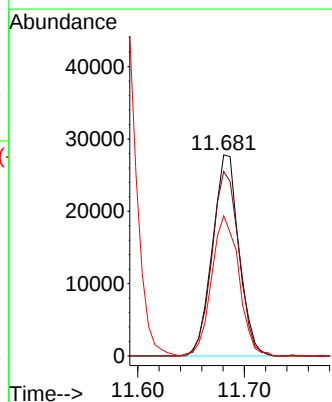
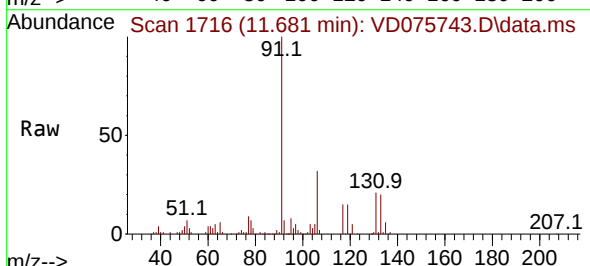
Manual Integrations
APPROVED

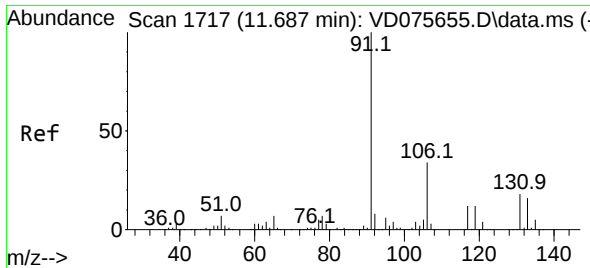
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.725 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

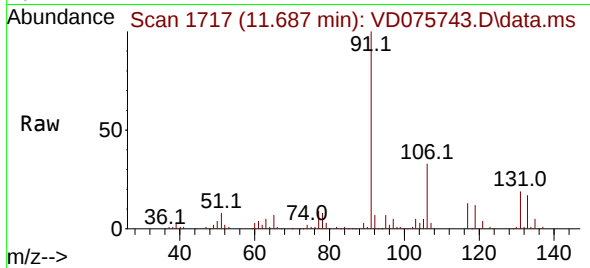
Tgt Ion:131 Resp: 48033
Ion Ratio Lower Upper
131 100
133 94.2 46.7 140.0
119 71.9 31.9 95.9





#67
Ethyl Benzene
Concen: 21.065 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

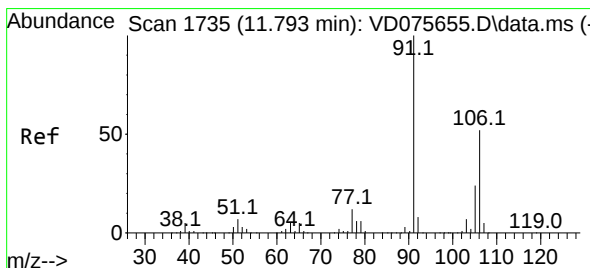
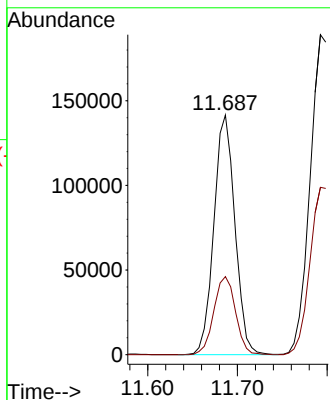
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01



Tgt Ion: 91 Resp: 230478
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7

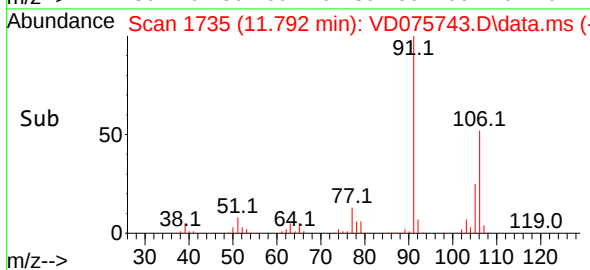
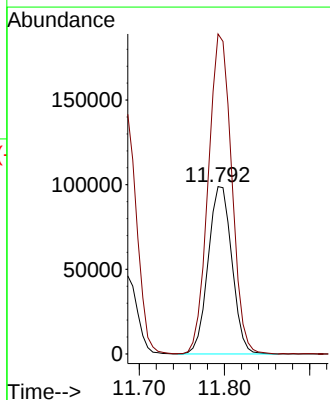
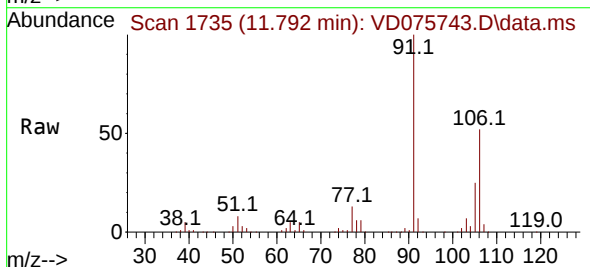
Manual Integrations
APPROVED

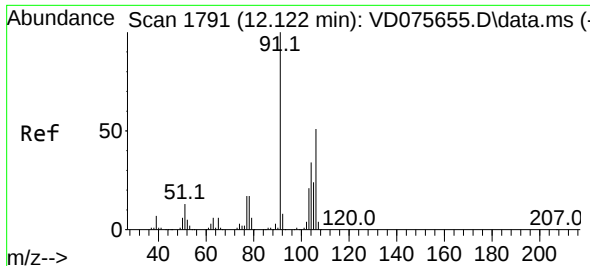
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#68
m/p-Xylenes
Concen: 42.709 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

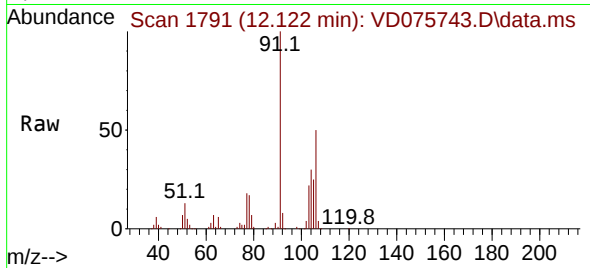
Tgt Ion:106 Resp: 191509
Ion Ratio Lower Upper
106 100
91 189.0 161.5 242.3





#69
o-Xylene
Concen: 21.225 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

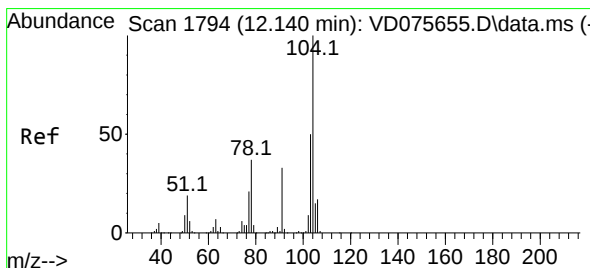
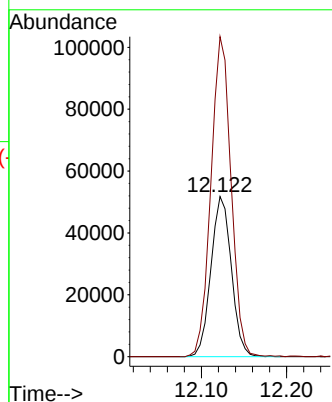
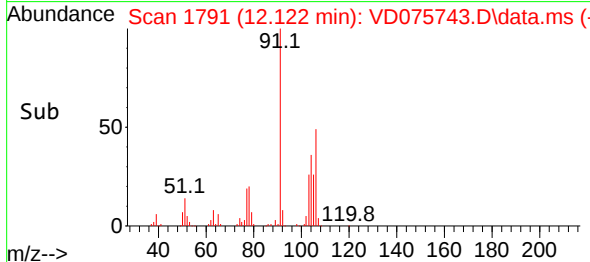
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01



Tgt Ion:106 Resp: 8605
Ion Ratio Lower Upper
106 100
91 197.6 105.7 317.1

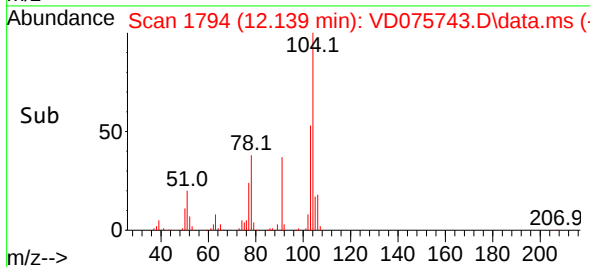
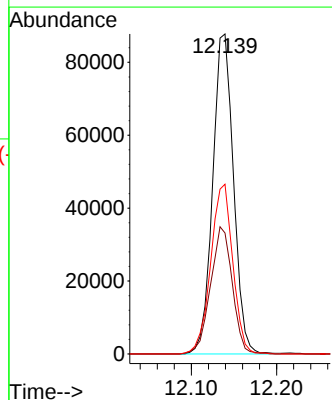
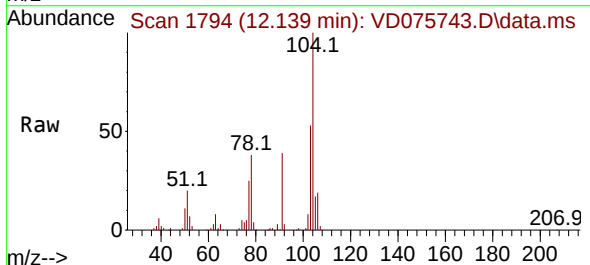
Manual Integrations
APPROVED

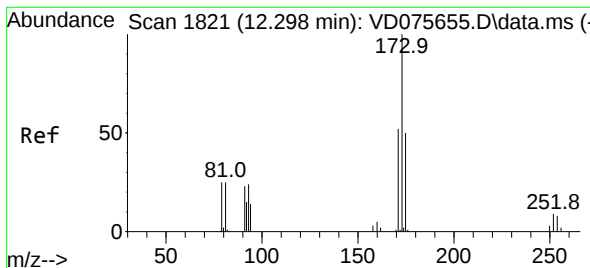
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#70
Styrene
Concen: 20.286 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion:104 Resp: 148984
Ion Ratio Lower Upper
104 100
78 41.5 40.2 60.4
103 56.3 44.2 66.2





#71

Bromoform

Concen: 24.572 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

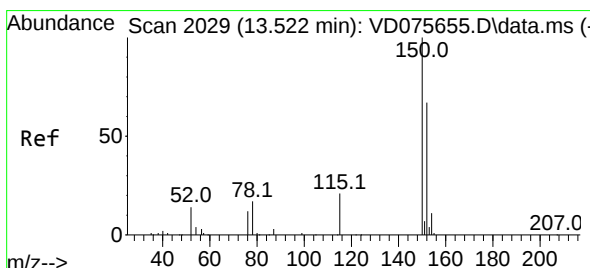
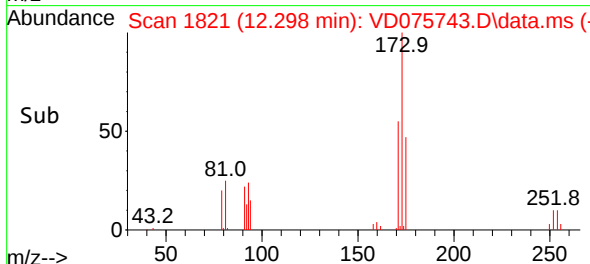
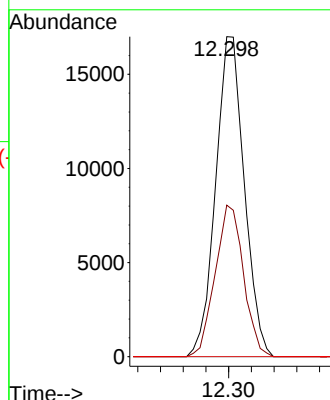
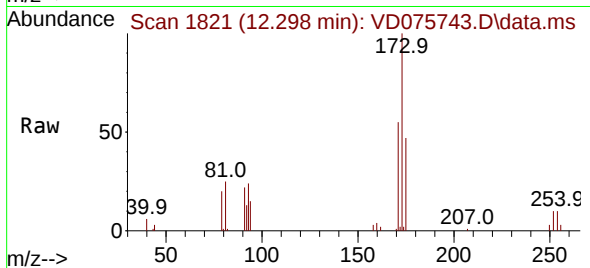
Tgt Ion:173 Resp: 29770
 Ion Ratio Lower Upper
 173 100
 175 46.8 23.5 70.5
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

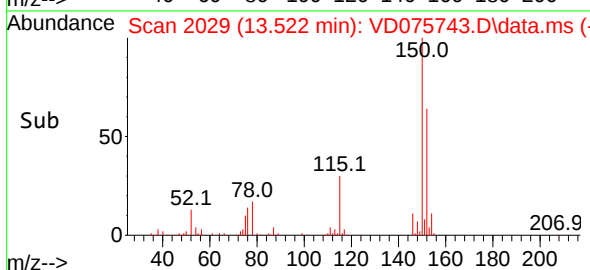
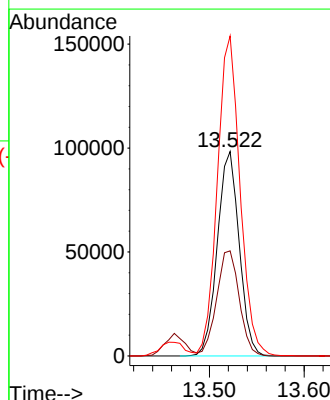
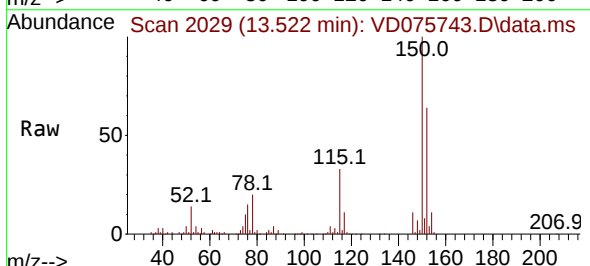
RT: 13.522 min Scan# 2029

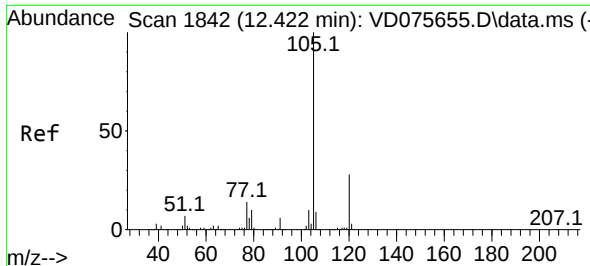
Delta R.T. -0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

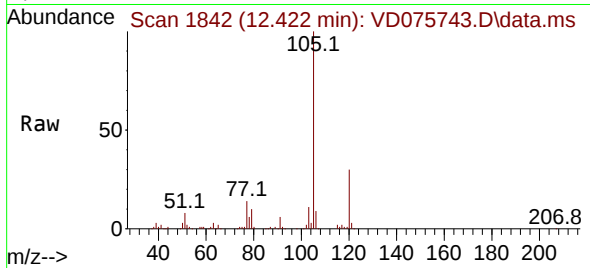
Tgt Ion:152 Resp: 157864
 Ion Ratio Lower Upper
 152 100
 115 53.3 30.1 90.3
 150 162.3 0.0 364.8





#73
Isopropylbenzene
Concen: 23.409 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

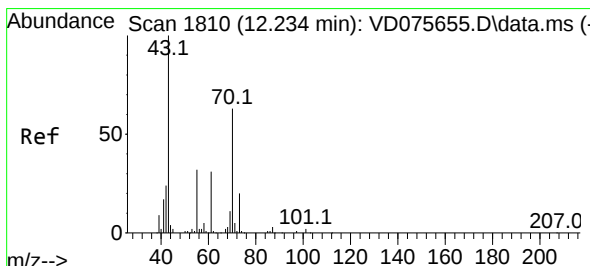
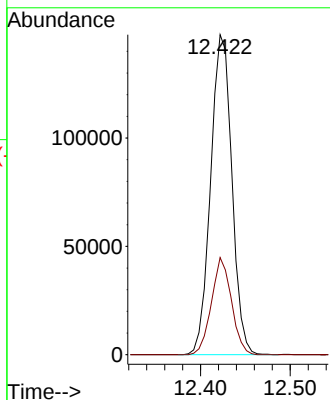
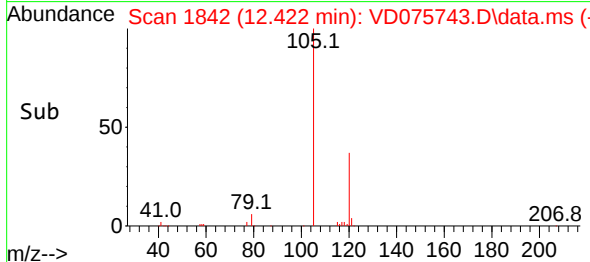
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01



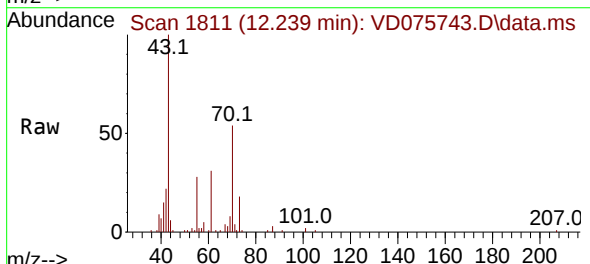
Tgt Ion:105 Resp: 242529
Ion Ratio Lower Upper
105 100
120 28.6 13.4 40.1

Manual Integrations
APPROVED

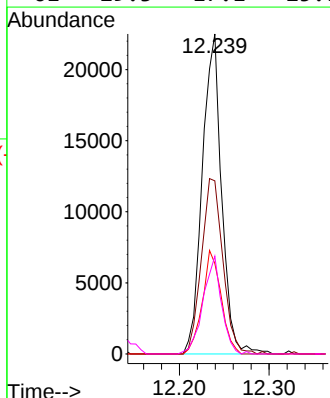
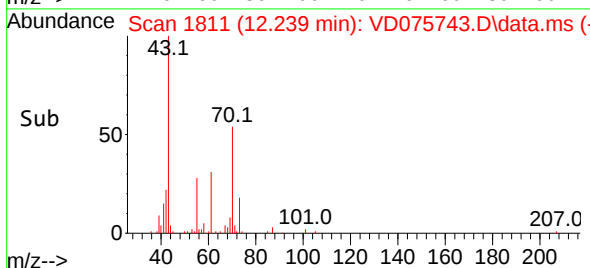
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

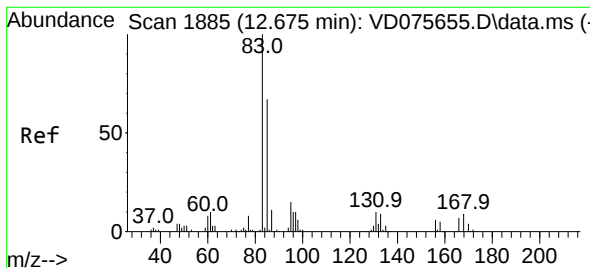


#74
N-ethyl acetate
Concen: 22.112 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.005 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26



Tgt Ion: 43 Resp: 33664
Ion Ratio Lower Upper
43 100
70 61.0 31.0 46.4#
55 31.4 18.6 28.0#
61 29.3 17.1 25.7#





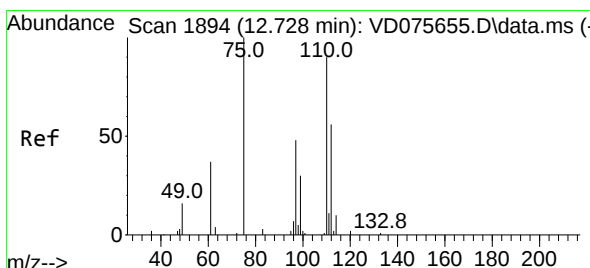
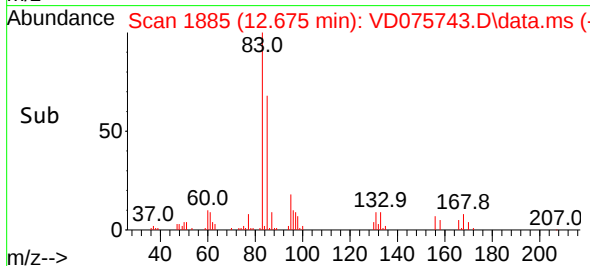
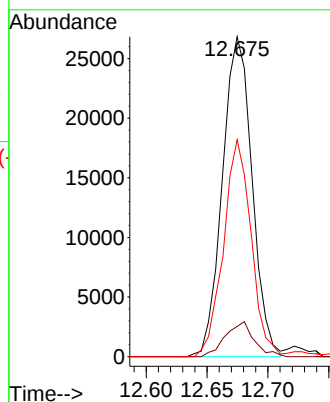
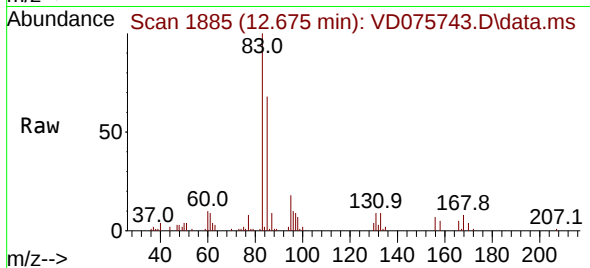
#75
1,1,2,2-Tetrachloroethane
Concen: 22.595 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

Tgt Ion: 83 Resp: 45475
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.2
85 63.3 33.6 100.6

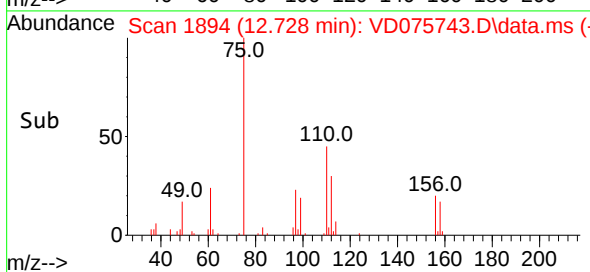
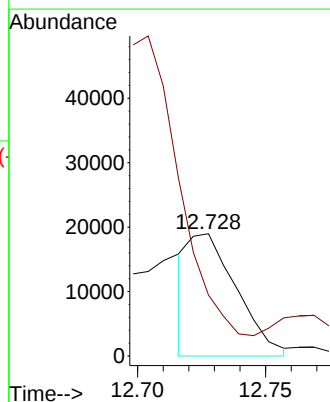
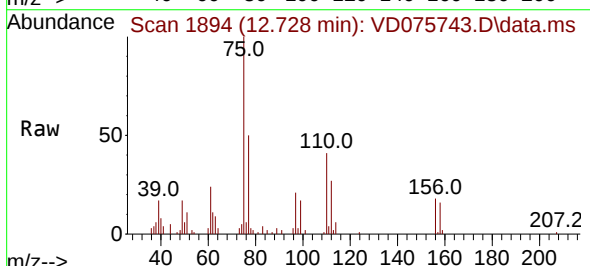
Manual Integrations
APPROVED

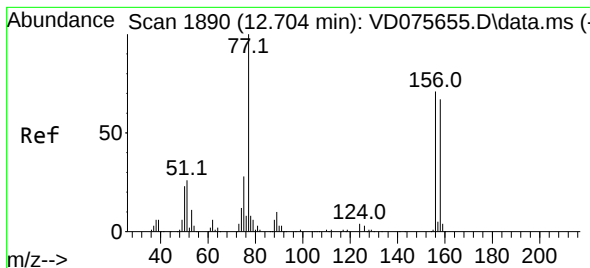
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#76
1,2,3-Trichloropropane
Concen: 19.376 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion: 75 Resp: 24944
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 24.920 ug/l

RT: 12.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01

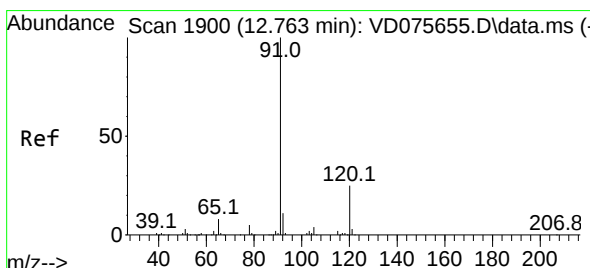
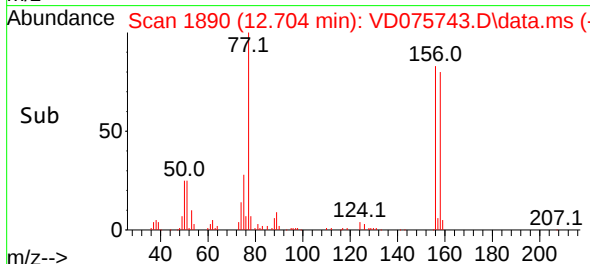
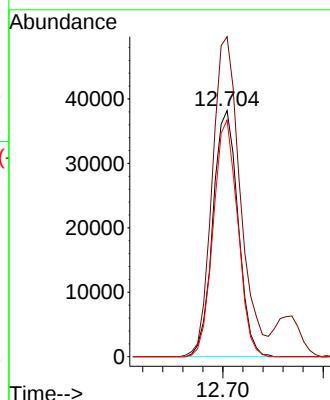
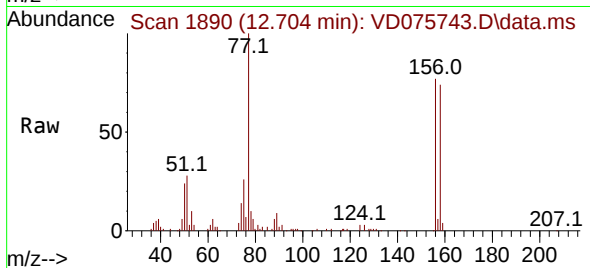
Tgt Ion:	156	Resp:	6656
Ion Ratio	Lower	Upper	
156	100		
77	144.9	89.5	268.6
158	93.4	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#78

n-propylbenzene

Concen: 24.016 ug/l

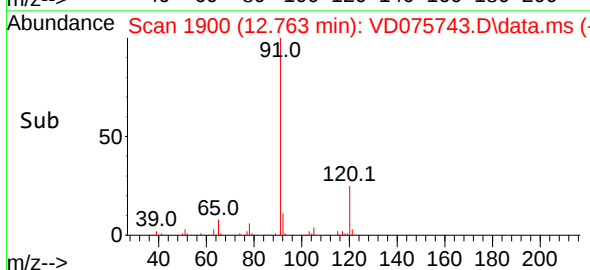
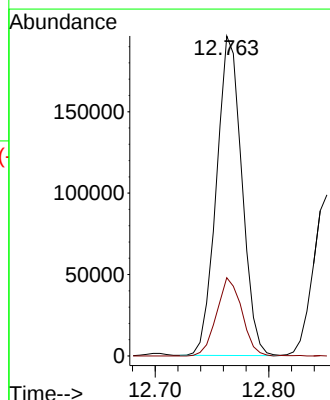
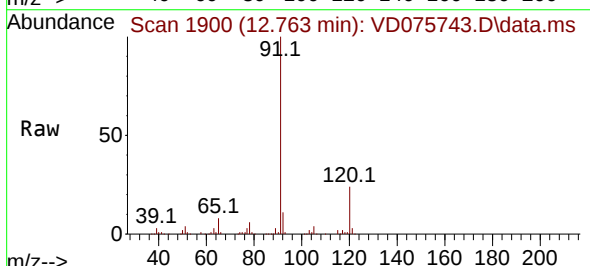
RT: 12.763 min Scan# 1900

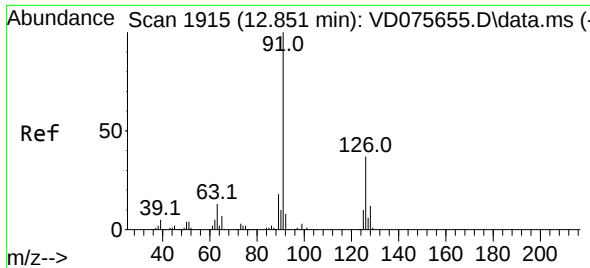
Delta R.T. -0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Tgt Ion:	91	Resp:	305000
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.4	34.2





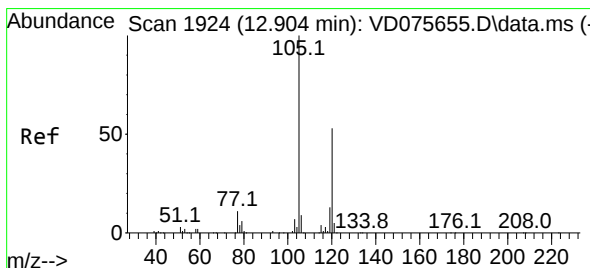
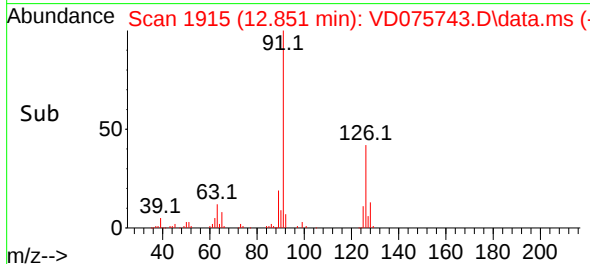
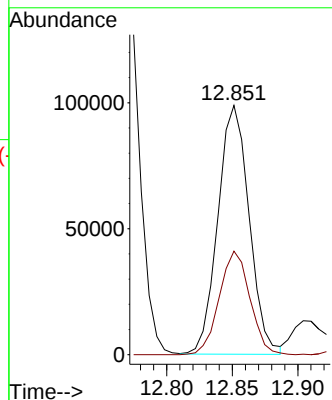
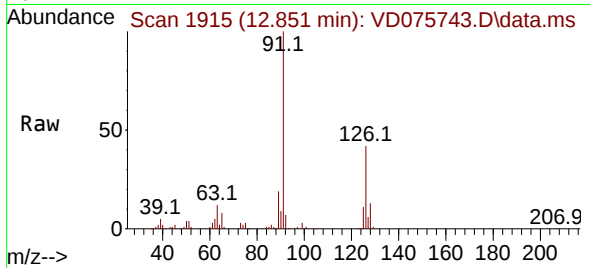
#79
2-Chlorotoluene
Concen: 22.742 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

Tgt Ion: 91 Resp: 163810
Ion Ratio Lower Upper
91 100
126 40.7 16.8 50.3

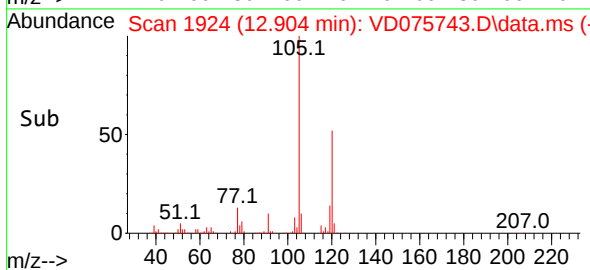
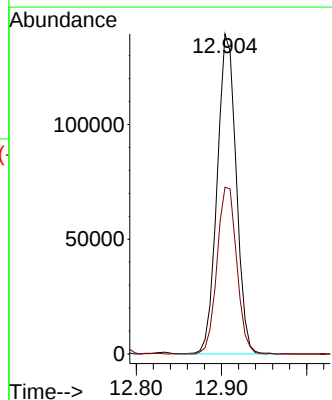
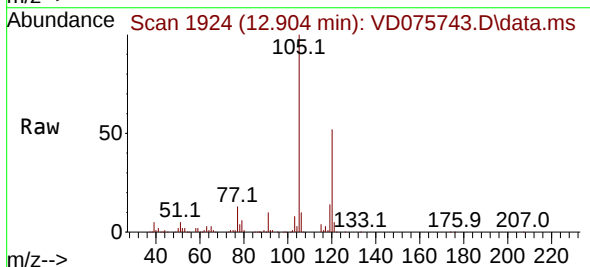
Manual Integrations
APPROVED

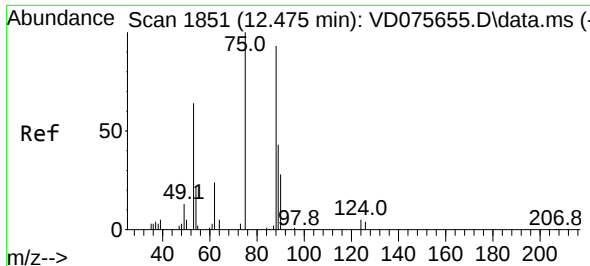
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 25.035 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

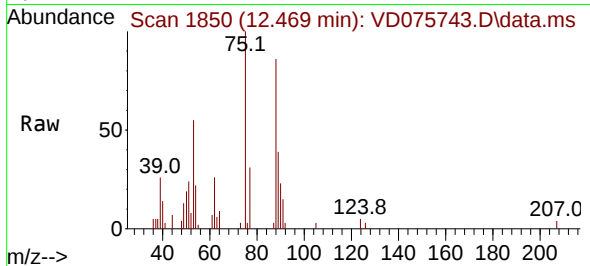
Tgt Ion:105 Resp: 216228
Ion Ratio Lower Upper
105 100
120 54.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 24.511 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

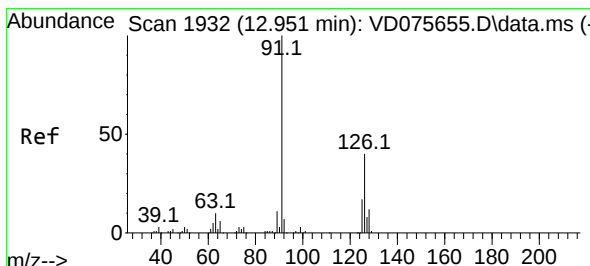
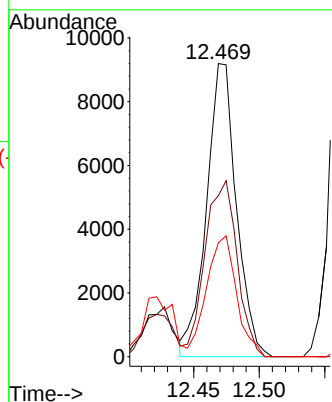
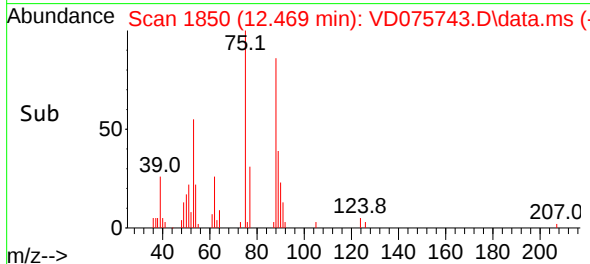
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01



Tgt Ion: 75 Resp: 14559
Ion Ratio Lower Upper
75 100
53 64.8 90.5 135.7
89 41.3 40.2 60.4

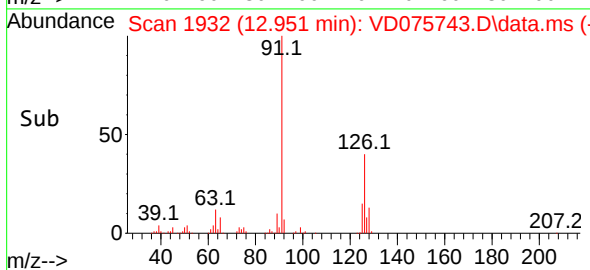
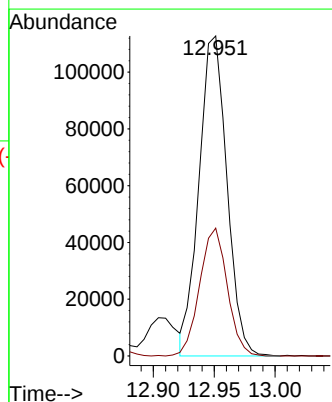
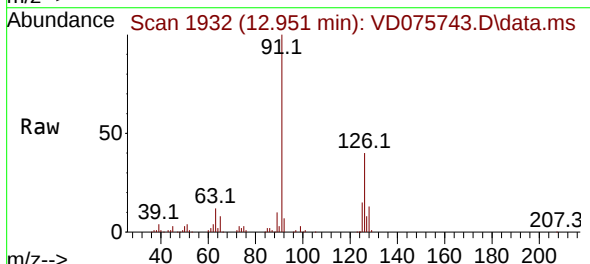
Manual Integrations
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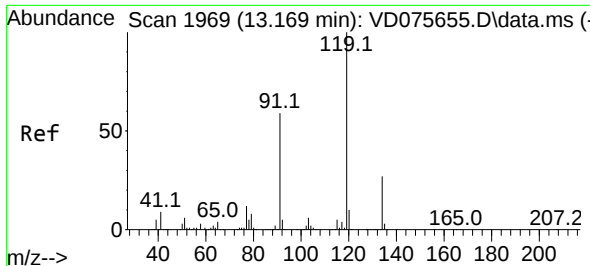
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#82
4-Chlorotoluene
Concen: 24.047 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

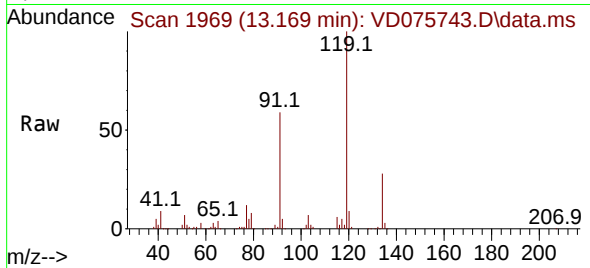
Tgt Ion: 91 Resp: 180110
Ion Ratio Lower Upper
91 100
126 39.5 17.1 51.2





#83
tert-Butylbenzene
Concen: 23.702 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

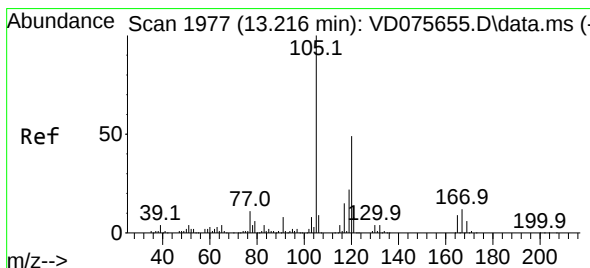
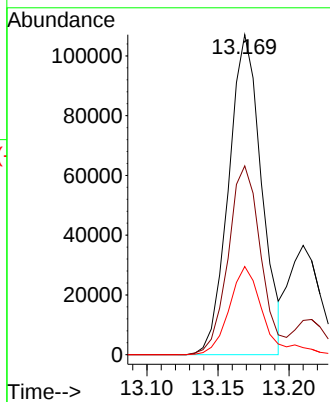
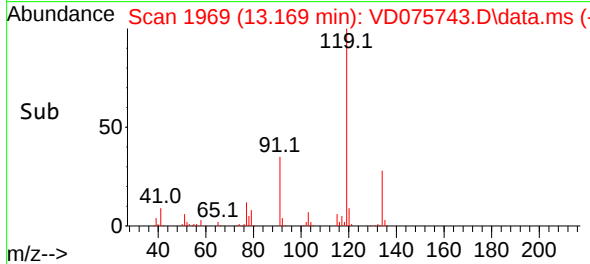
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01



Tgt Ion:119 Resp: 172618
Ion Ratio Lower Upper
119 100
91 59.0 32.4 97.0
134 28.6 13.0 39.0

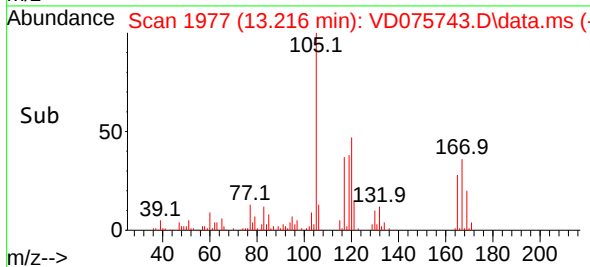
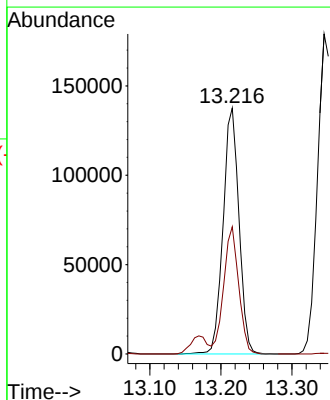
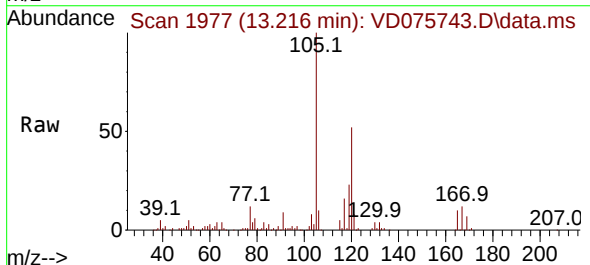
Manual Integrations
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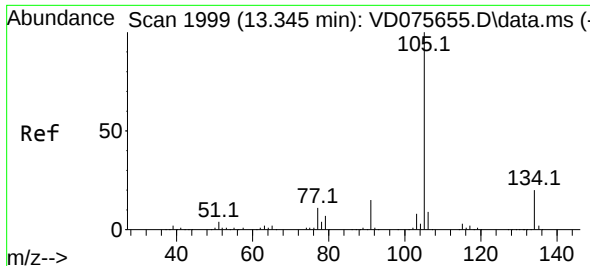
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 24.559 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

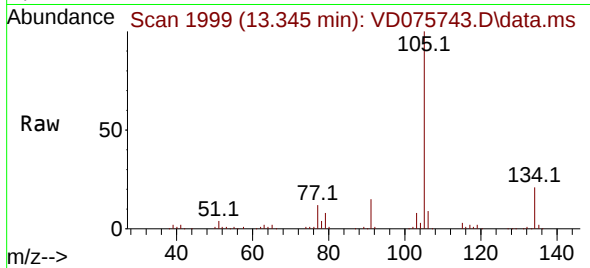
Tgt Ion:105 Resp: 212852
Ion Ratio Lower Upper
105 100
120 49.0 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 24.665 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075743.D
 Acq: 19 Apr 2023 12:26

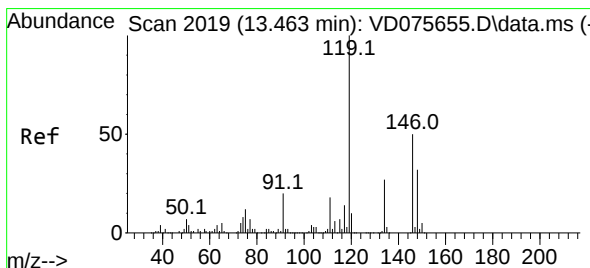
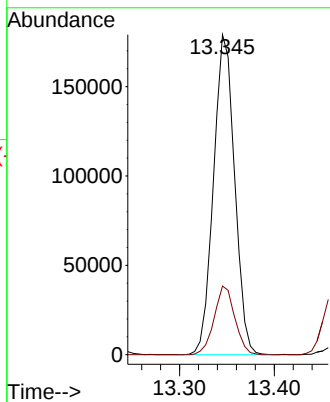
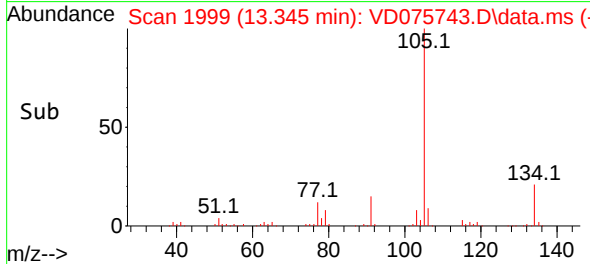
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBS01



Tgt Ion:105 Resp: 277110
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.9 29.7

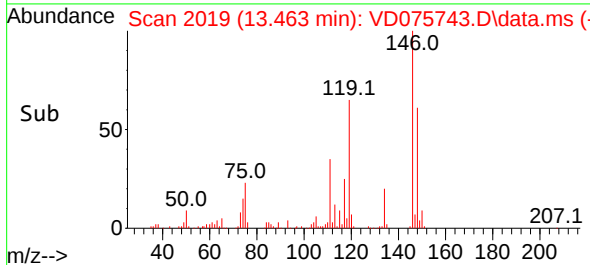
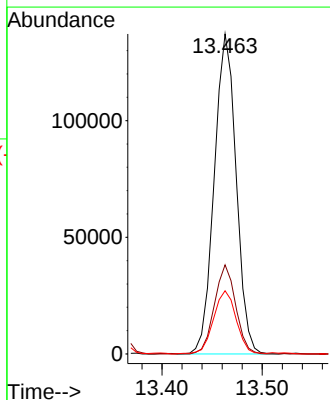
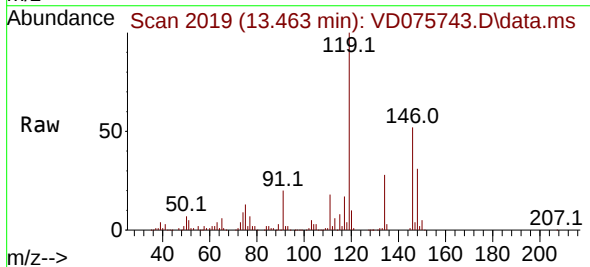
Manual Integrations
 APPROVED

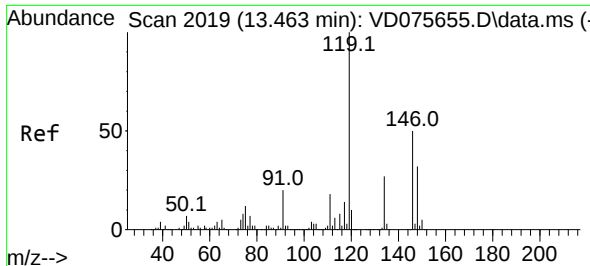
Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#86
 p-Isopropyltoluene
 Concen: 22.259 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075743.D
 Acq: 19 Apr 2023 12:26

Tgt Ion:119 Resp: 208194
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 20.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.402 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

Tgt Ion:146 Resp: 118920

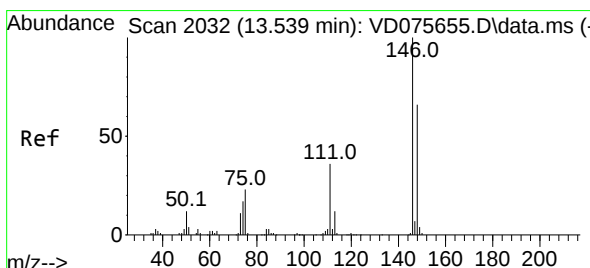
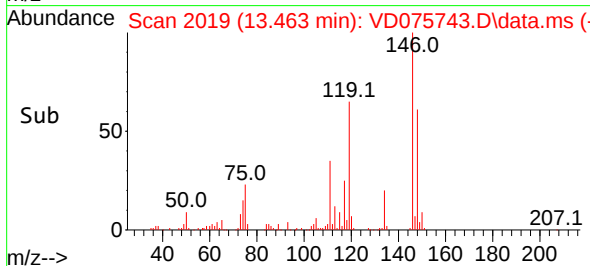
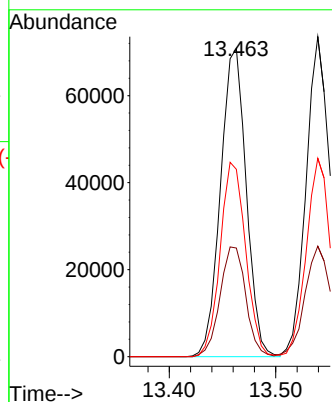
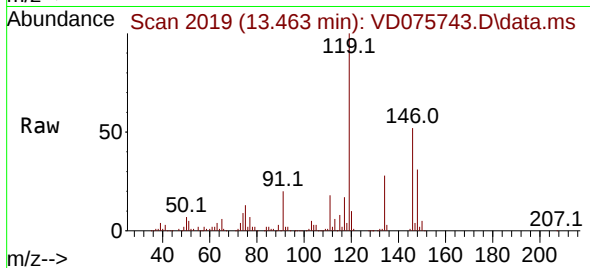
Ion	Ratio	Lower	Upper
146	100		
111	35.7	19.8	59.3
148	62.4	31.0	93.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#88

1,4-Dichlorobenzene

Concen: 21.116 ug/l

RT: 13.539 min Scan# 2032

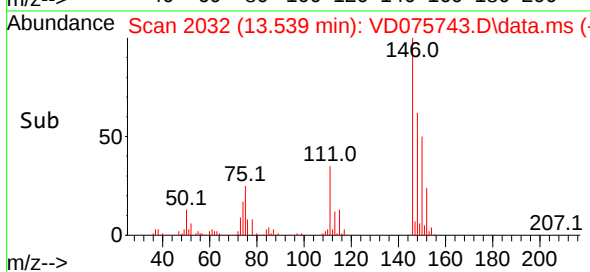
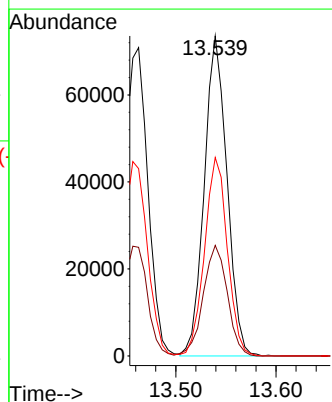
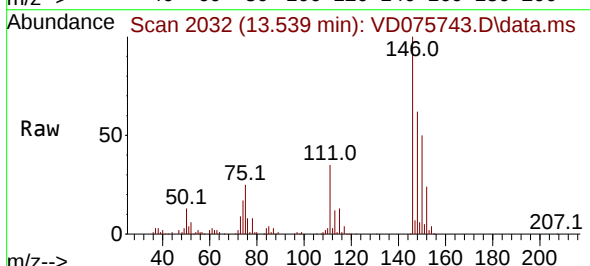
Delta R.T. 0.000 min

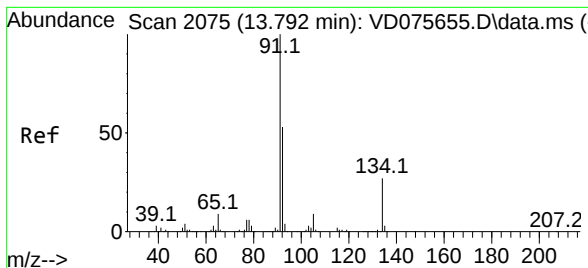
Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Tgt Ion:146 Resp: 115920

Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.6	58.8
148	62.6	31.7	95.1





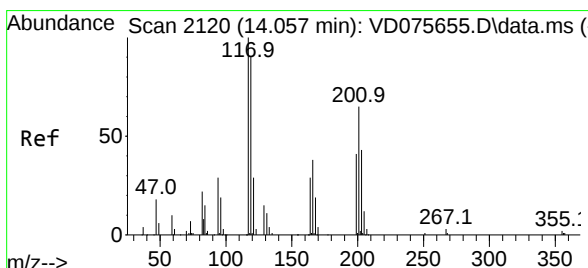
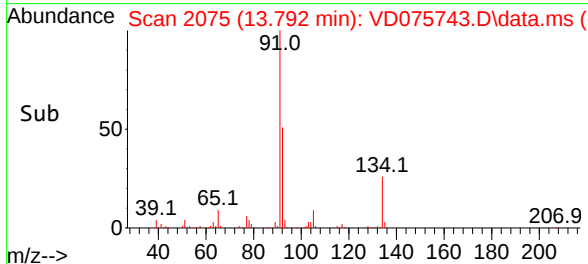
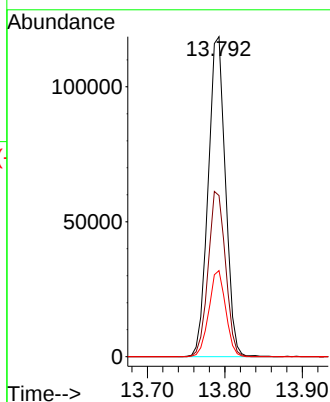
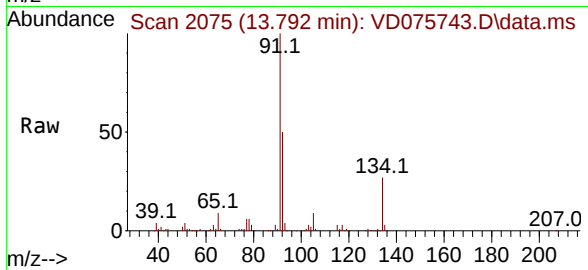
#89
n-Butylbenzene
Concen: 21.279 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

Tgt Ion: 91 Resp: 18333
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 26.2 12.7 38.0

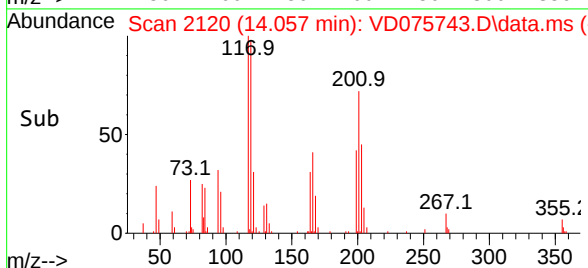
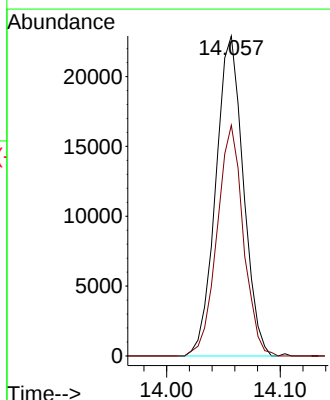
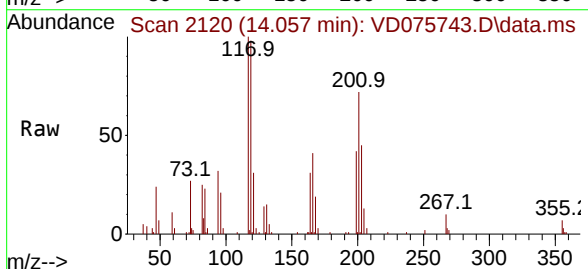
Manual Integrations
APPROVED

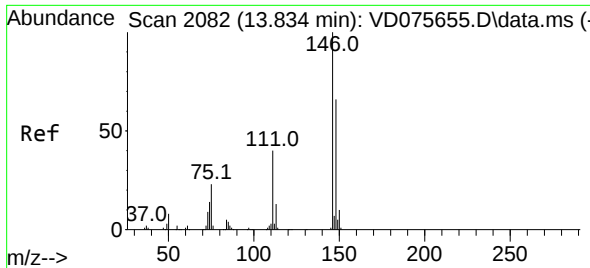
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#90
Hexachloroethane
Concen: 20.762 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

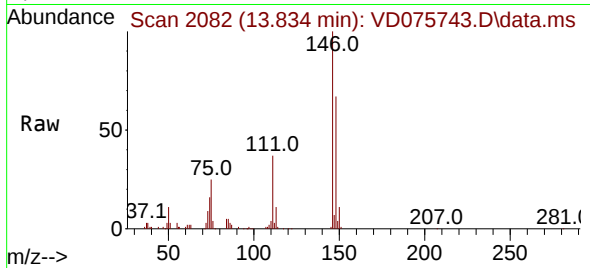
Tgt Ion:117 Resp: 38583
Ion Ratio Lower Upper
117 100
201 68.9 34.5 103.6





#91
1,2-Dichlorobenzene
Concen: 20.414 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

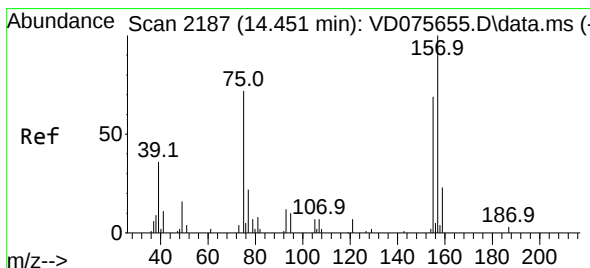
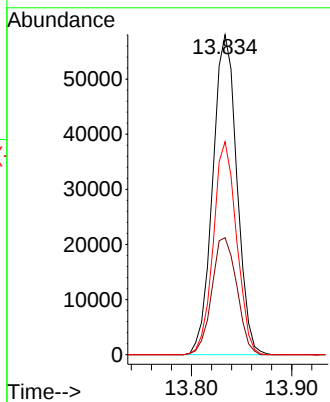
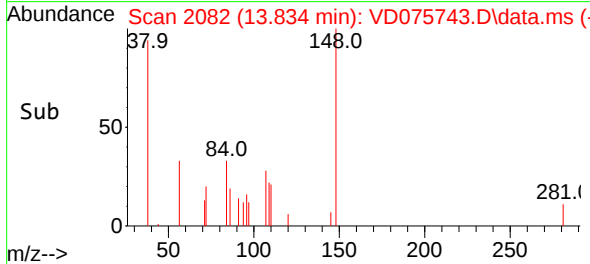
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01



Tgt Ion:146 Resp: 97170
Ion Ratio Lower Upper
146 100
111 37.9 20.6 61.8
148 64.1 32.0 96.2

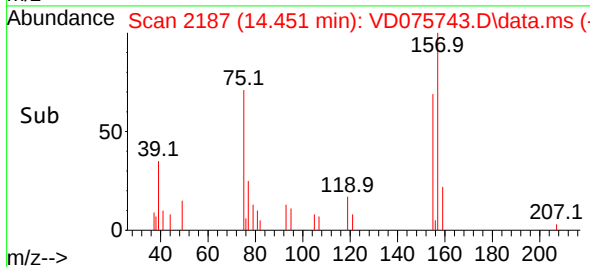
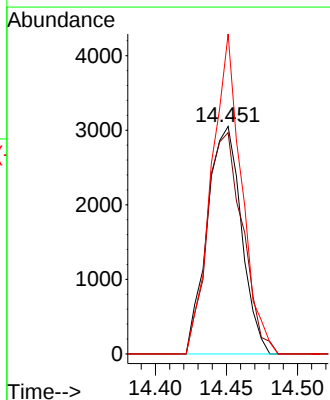
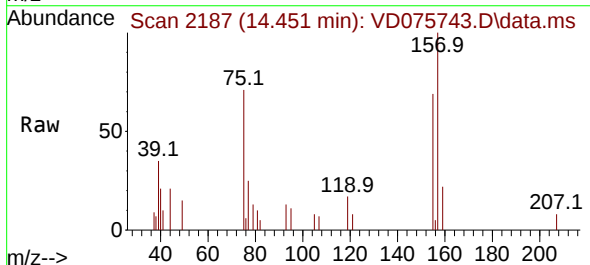
Manual Integrations
APPROVED

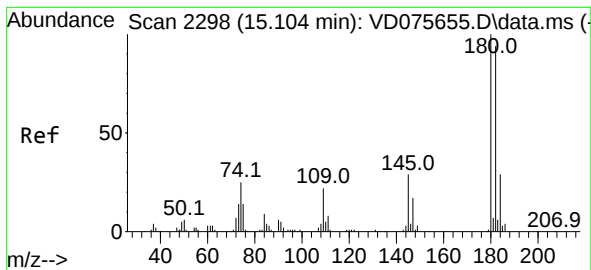
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.951 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

Tgt Ion: 75 Resp: 5113
Ion Ratio Lower Upper
75 100
155 100.7 39.5 118.5
157 123.4 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 18.672 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

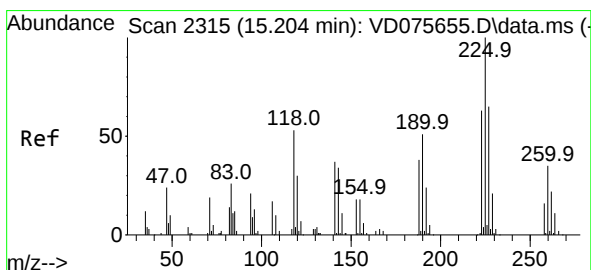
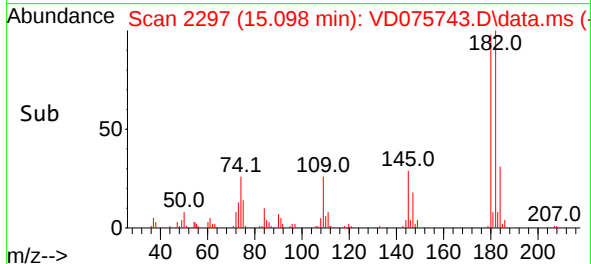
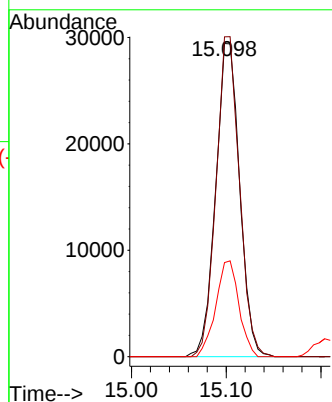
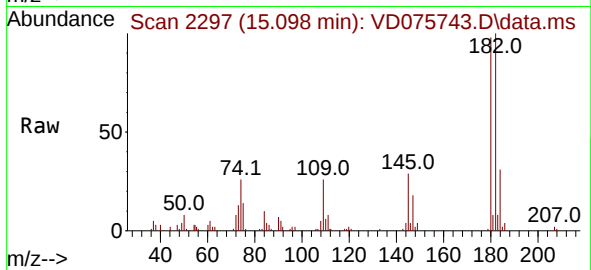
Tgt Ion:180	Resp:	5170
Ion Ratio	Lower	Upper
180	100	
182	99.2	47.9 143.7
145	29.5	15.9 47.7

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 19.937 ug/l

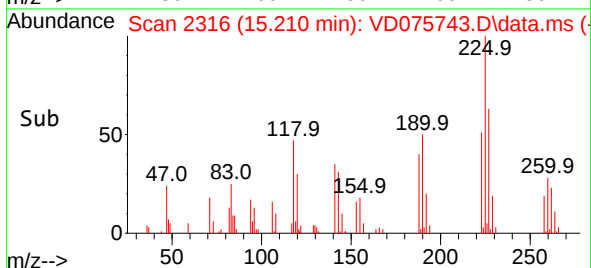
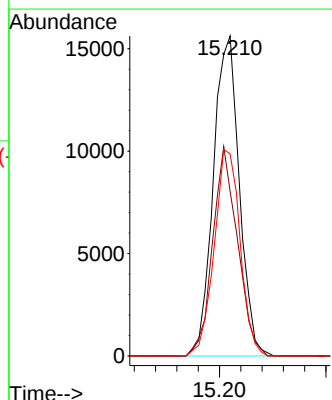
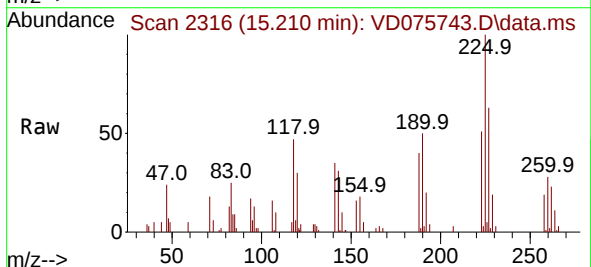
RT: 15.210 min Scan# 2316

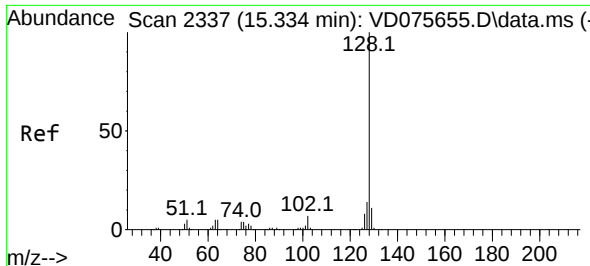
Delta R.T. 0.006 min

Lab File: VD075743.D

Acq: 19 Apr 2023 12:26

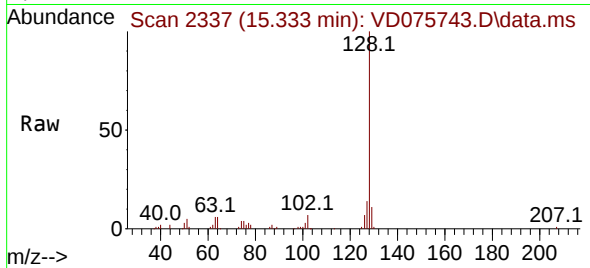
Tgt Ion:225	Resp:	26388
Ion Ratio	Lower	Upper
225	100	
223	62.7	33.1 99.2
227	64.3	31.9 95.9





#95
Naphthalene
Concen: 18.140 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26

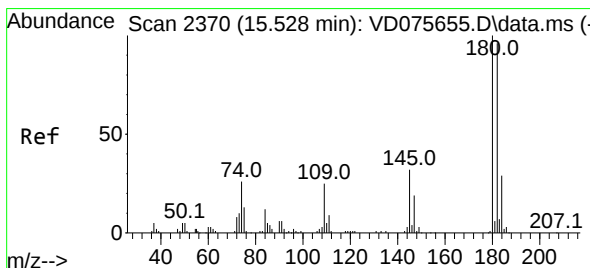
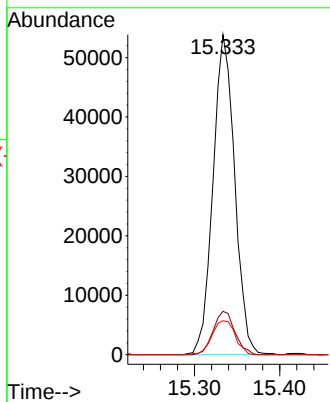
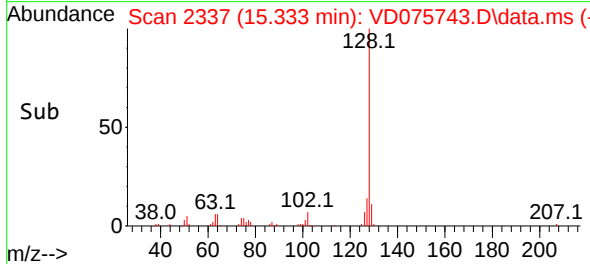
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01



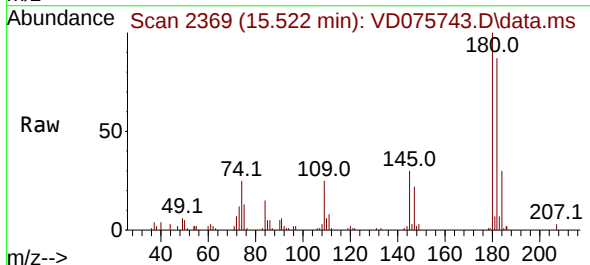
Tgt Ion:128 Resp: 95170
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.3 8.8 13.2

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



#96
1,2,3-Trichlorobenzene
Concen: 19.079 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075743.D
Acq: 19 Apr 2023 12:26



Tgt Ion:180 Resp: 46503
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 30.5 16.4 49.4

