

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075320.D
 Acq On : 13 Feb 2023 11:39
 Operator : KP/SY
 Sample : VD0213SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBS01

Quant Time: Feb 14 01:17:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	49249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	83394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	75833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	39435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29921	51.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.620%	
35) Dibromofluoromethane	7.810	113	30145	51.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.100%	
50) Toluene-d8	10.269	98	110254	49.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	12.575	95	36288	49.626	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	10198	23.849	ug/l	100
3) Chloromethane	2.146	50	15687	19.592	ug/l	98
4) Vinyl Chloride	2.281	62	16682	20.360	ug/l	94
5) Bromomethane	2.681	94	10396	19.831	ug/l	97
6) Chloroethane	2.834	64	12129	21.458	ug/l	99
7) Trichlorofluoromethane	3.175	101	21930	21.527	ug/l	97
8) Diethyl Ether	3.593	74	5776	21.091	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	13312	23.027	ug/l	96
10) Methyl Iodide	4.169	142	14311	21.937	ug/l	95
11) Tert butyl alcohol	5.069	59	3430	92.939	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	11358	20.605	ug/l	98
13) Acrolein	3.793	56	2350	108.432	ug/l #	71
14) Allyl chloride	4.558	41	18455	20.123	ug/l	91
15) Acrylonitrile	5.264	53	14123	106.523	ug/l	95
16) Acetone	4.022	43	15949	104.447	ug/l	100
17) Carbon Disulfide	4.275	76	33526	19.715	ug/l	96
18) Methyl Acetate	4.569	43	9249	21.133	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	25912	20.475	ug/l	99
20) Methylene Chloride	4.805	84	18758	26.296	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	13131	21.051	ug/l	94
22) Diisopropyl ether	6.222	45	39008	21.384	ug/l	95
23) Vinyl Acetate	6.158	43	69625	123.113	ug/l	97
24) 1,1-Dichloroethane	6.116	63	23838	20.960	ug/l	93
25) 2-Butanone	7.081	43	18982	100.325	ug/l	99
26) 2,2-Dichloropropane	7.081	77	21071	20.931	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	14434	20.684	ug/l	97
28) Bromochloromethane	7.428	49	7037	22.626	ug/l #	93
29) Tetrahydrofuran	7.446	42	10369	101.772	ug/l	95
30) Chloroform	7.599	83	25827	22.063	ug/l	94
31) Cyclohexane	7.875	56	20592	20.081	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	22486	21.475	ug/l	99
36) 1,1-Dichloropropene	8.005	75	18777	20.613	ug/l	98
37) Ethyl Acetate	7.175	43	8688	21.869	ug/l #	90
38) Carbon Tetrachloride	7.999	117	19178	22.721	ug/l	93
39) Methylcyclohexane	9.275	83	21167	20.076	ug/l	96
40) Benzene	8.252	78	51156	19.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	3264	13.773	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	15569	21.005	ug/l	99
43) Isopropyl Acetate	8.363	43	14961	19.709	ug/l	99
44) Trichloroethene	9.028	130	14553	20.622	ug/l	94
45) 1,2-Dichloropropane	9.310	63	13616	20.942	ug/l	98
46) Dibromomethane	9.393	93	7485	20.774	ug/l	96
47) Bromodichloromethane	9.587	83	18455	20.580	ug/l	96
48) Methyl methacrylate	9.381	41	7366	20.432	ug/l	89
49) 1,4-Dioxane	9.387	88	1341	401.438	ug/l	94
51) 4-Methyl-2-Pentanone	10.163	43	38770	101.024	ug/l	95
52) Toluene	10.340	92	33278	20.637	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	14318	18.433	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	17599	18.950	ug/l	93
55) 1,1,2-Trichloroethane	10.740	97	9854	21.424	ug/l	89
56) Ethyl methacrylate	10.599	69	11120	20.796	ug/l	97
57) 1,3-Dichloropropane	10.881	76	16346	20.862	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	6781	57.784	ug/l	94
59) 2-Hexanone	10.922	43	27910	99.545	ug/l	94
60) Dibromochloromethane	11.075	129	12153	21.326	ug/l	97
61) 1,2-Dibromoethane	11.181	107	9262	20.884	ug/l	99
64) Tetrachloroethene	10.816	164	11933	20.431	ug/l	96
65) Chlorobenzene	11.610	112	35792	20.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.687	131	13197	21.195	ug/l	92
67) Ethyl Benzene	11.687	91	63912	20.243	ug/l	99
68) m/p-Xylenes	11.798	106	48583	40.452	ug/l	99
69) o-Xylene	12.122	106	22070	19.673	ug/l	93
70) Styrene	12.140	104	38196	20.100	ug/l	96
71) Bromoform	12.304	173	6993	20.909	ug/l #	92
73) Isopropylbenzene	12.422	105	62497	19.563	ug/l	96
74) N-amyl acetate	12.240	43	14317	19.943	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.681	83	11053	19.886	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	13273	29.632	ug/l #	100
77) Bromobenzene	12.704	156	14228	19.668	ug/l	96
78) n-propylbenzene	12.769	91	77469	19.488	ug/l	100
79) 2-Chlorotoluene	12.851	91	43632	20.011	ug/l	97
80) 1,3,5-Trimethylbenzene	12.910	105	52375	19.690	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	2120	16.814	ug/l	95
82) 4-Chlorotoluene	12.951	91	45841	20.154	ug/l	100
83) tert-Butylbenzene	13.169	119	43340	18.899	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	51955	19.556	ug/l	98
85) sec-Butylbenzene	13.351	105	69922	19.875	ug/l	97
86) p-Isopropyltoluene	13.463	119	58738	20.411	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29389	20.100	ug/l	98
88) 1,4-Dichlorobenzene	13.545	146	28995	19.818	ug/l	97
89) n-Butylbenzene	13.793	91	55456	19.738	ug/l	97
90) Hexachloroethane	14.057	117	10710	18.877	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	25323	19.960	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.457	75	1737	20.149	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	15418	19.404	ug/l	97
94) Hexachlorobutadiene	15.210	225	8430	20.109	ug/l	98
95) Naphthalene	15.334	128	27438	18.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	13150	19.181	ug/l	96

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

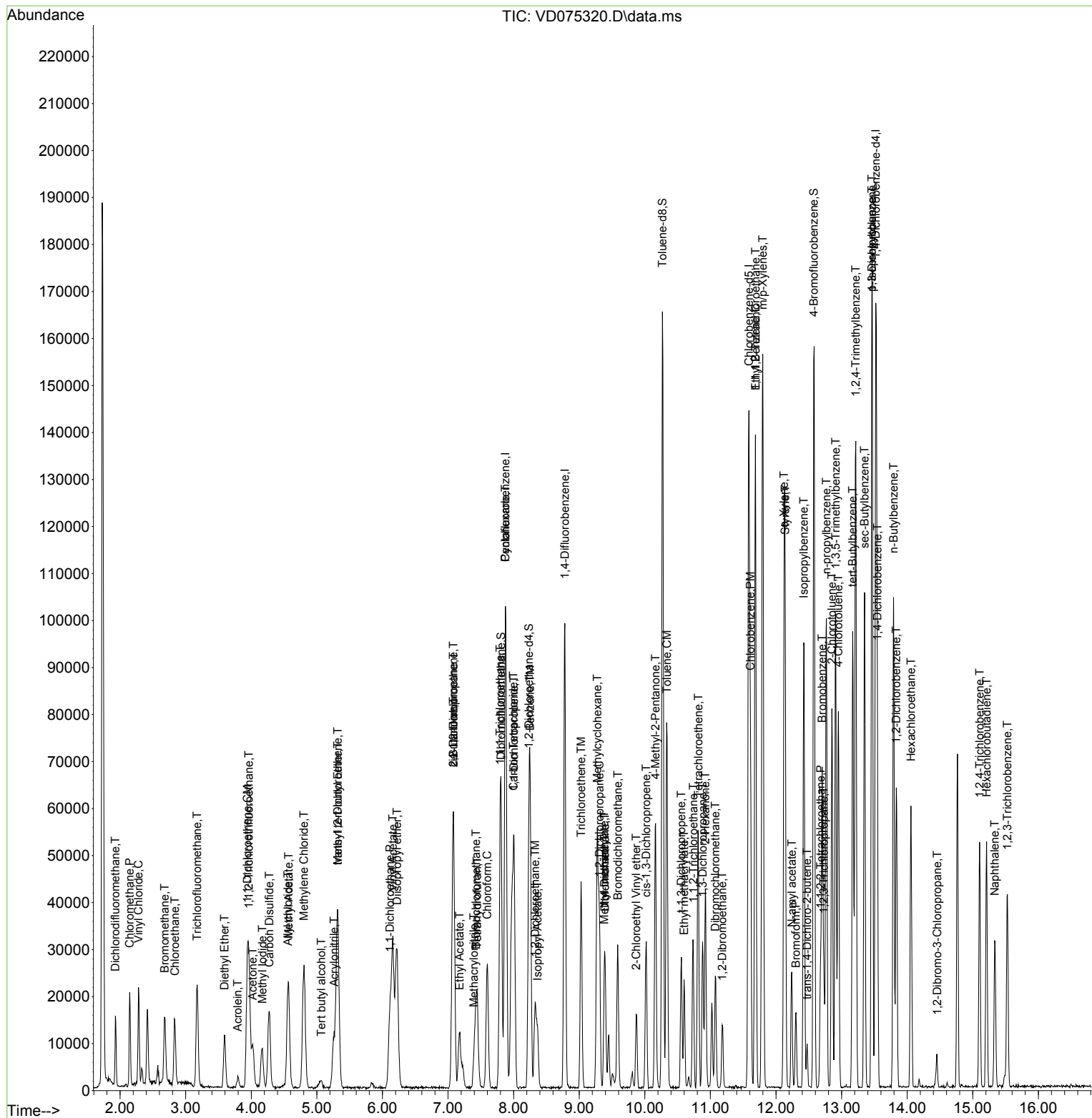
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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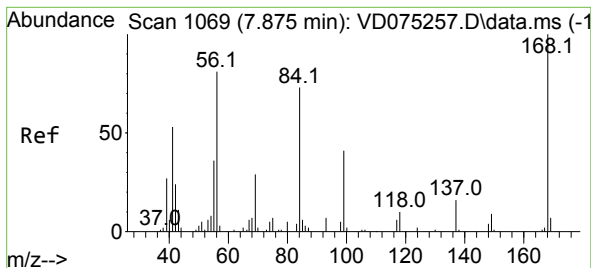
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

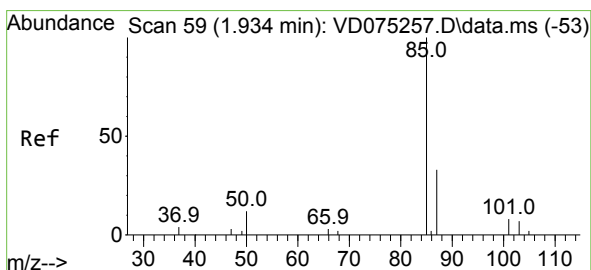
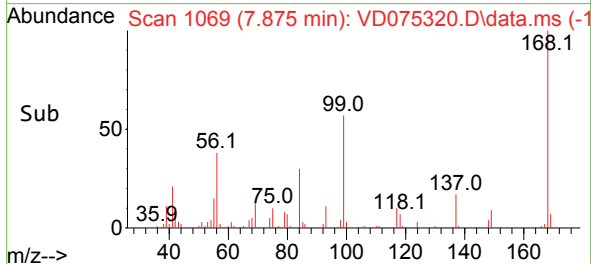
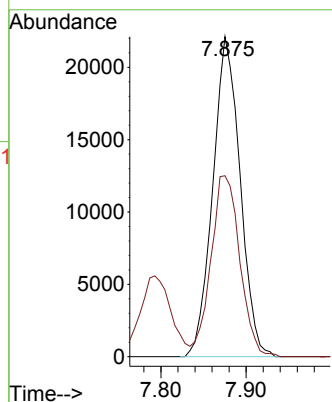
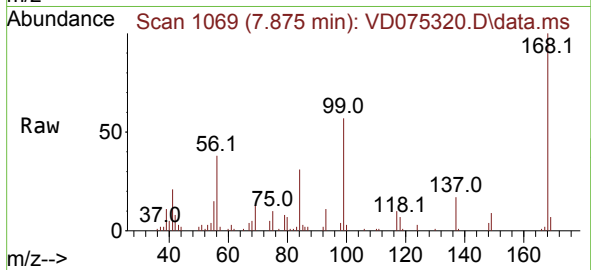
VD0213SBSD01

Tgt Ion:168 Resp: 49249

Ion Ratio Lower Upper

168 100

99 56.6 45.2 67.8



#2

Dichlorodifluoromethane

Concen: 23.849 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD075320.D

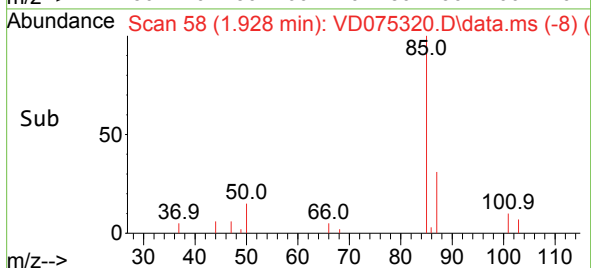
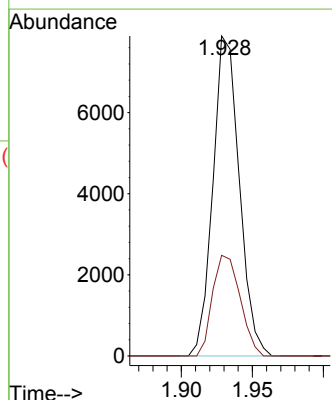
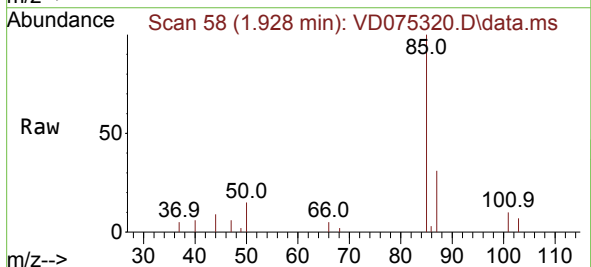
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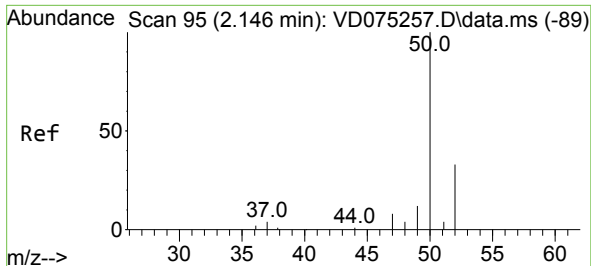
Tgt Ion: 85 Resp: 10198

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.0

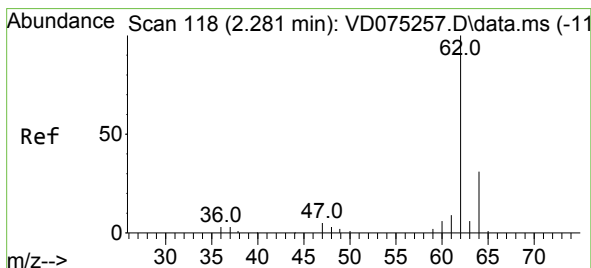
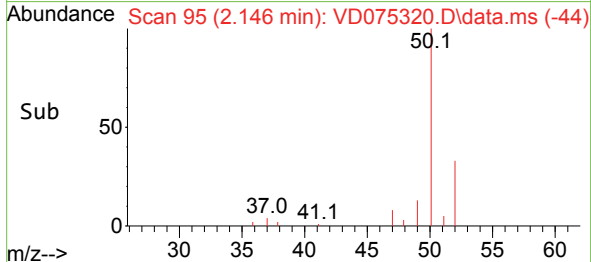
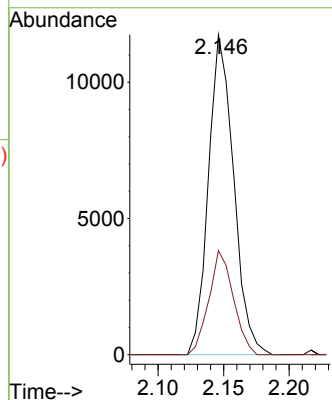
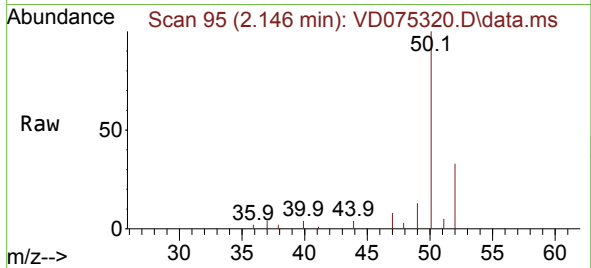




#3
Chloromethane
Concen: 19.592 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

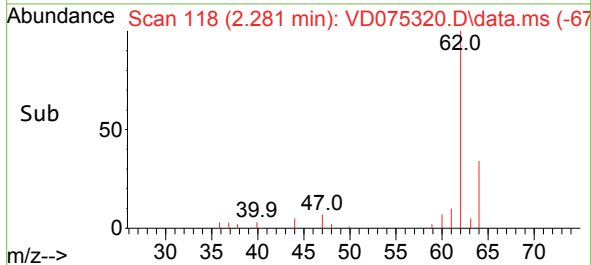
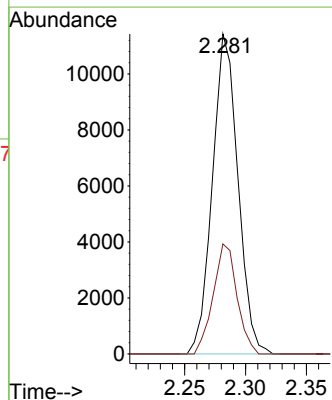
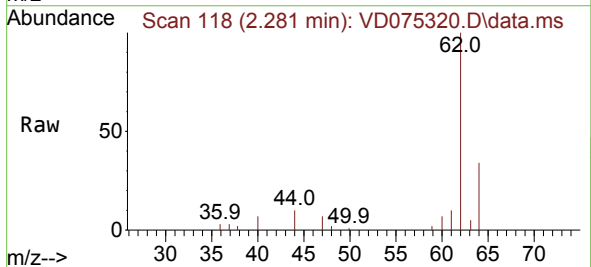
Instrument :
MSVOA_D
ClientSampleId :
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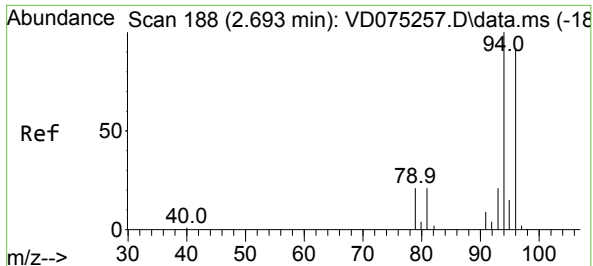
Tgt Ion: 50 Resp: 15687
Ion Ratio Lower Upper
50 100
52 32.6 27.0 40.6



#4
Vinyl Chloride
Concen: 20.360 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 62 Resp: 16682
Ion Ratio Lower Upper
62 100
64 34.4 24.8 37.2

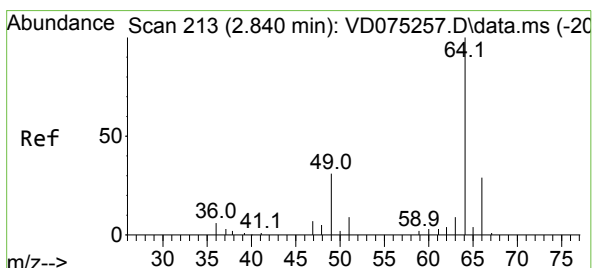
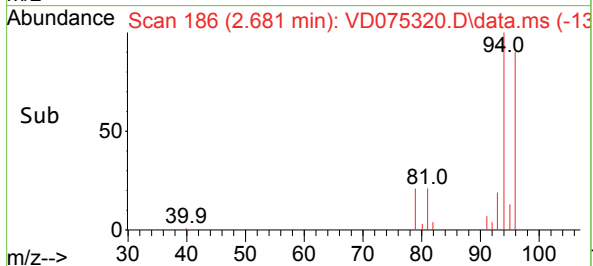
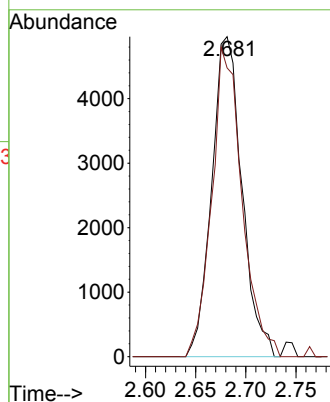
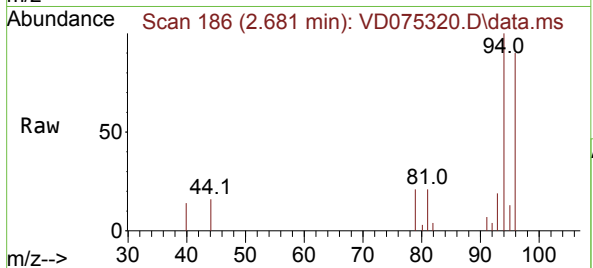




#5
Bromomethane
Concen: 19.831 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075320.D
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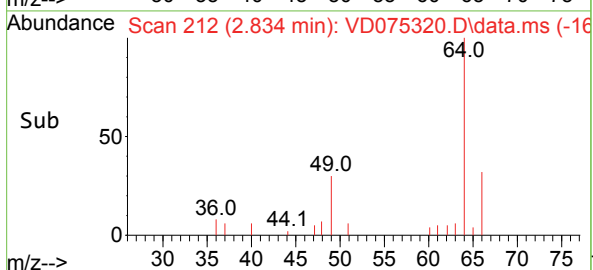
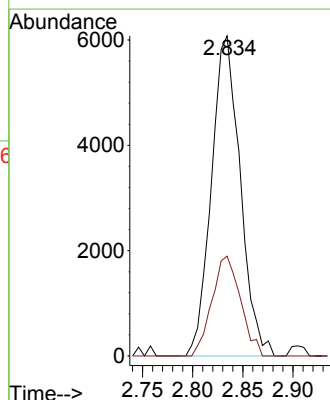
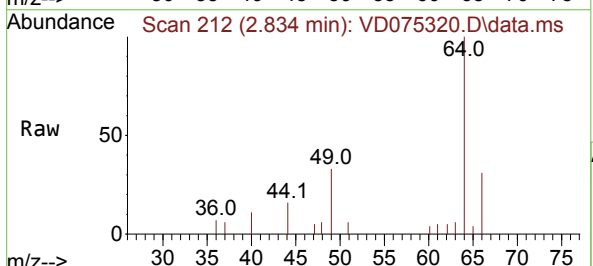
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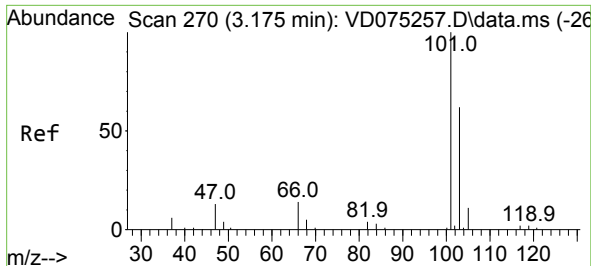
Tgt Ion: 94 Resp: 10396
Ion Ratio Lower Upper
94 100
96 96.7 74.8 112.2



#6
Chloroethane
Concen: 21.458 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 64 Resp: 12129
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2

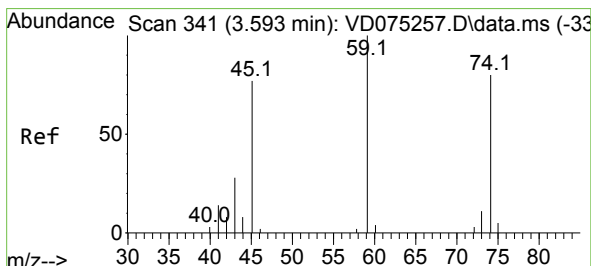
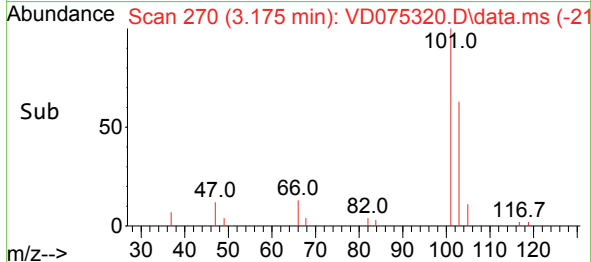
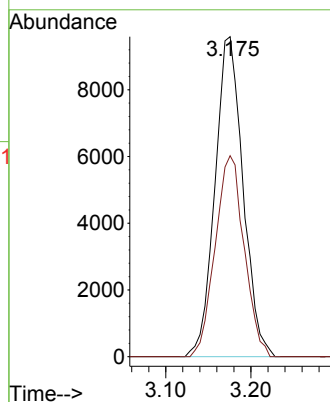
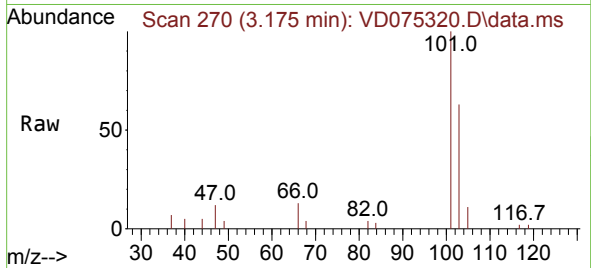




#7
Trichlorofluoromethane
Concen: 21.527 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

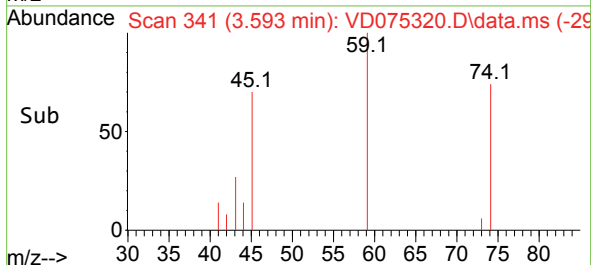
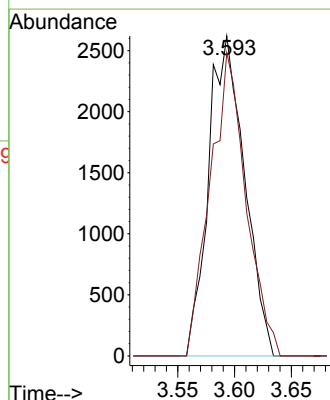
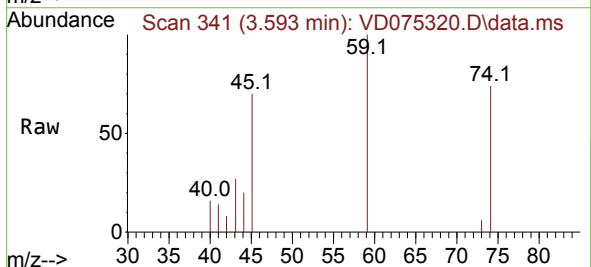
Instrument :
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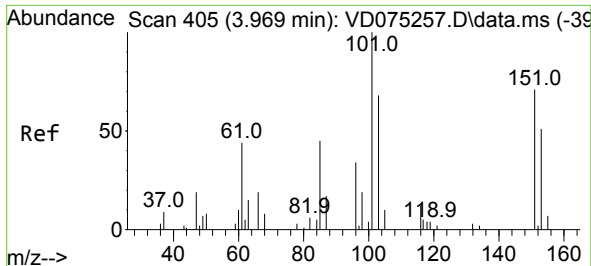
Tgt Ion:101 Resp: 21930
Ion Ratio Lower Upper
101 100
103 62.8 52.2 78.4



#8
Diethyl Ether
Concen: 21.091 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 74 Resp: 5776
Ion Ratio Lower Upper
74 100
45 94.0 49.8 149.3

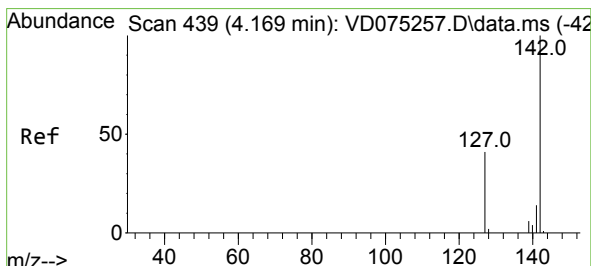
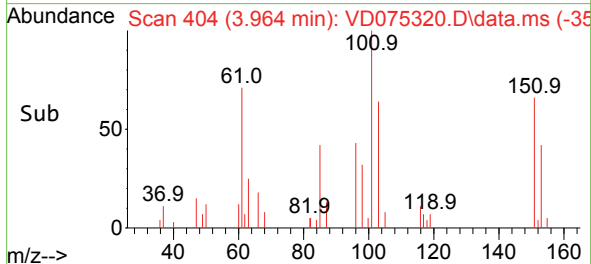
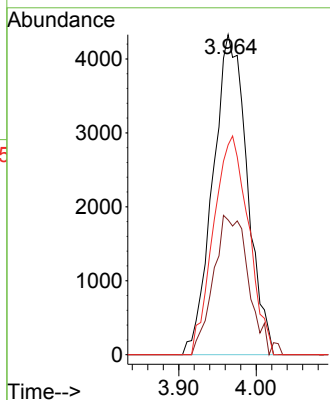
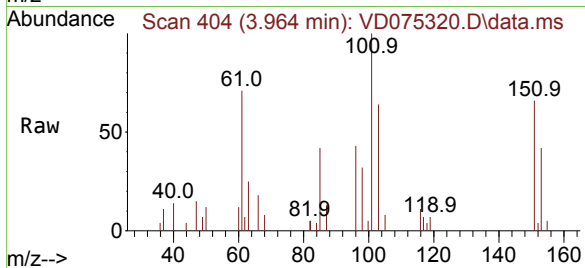




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.027 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

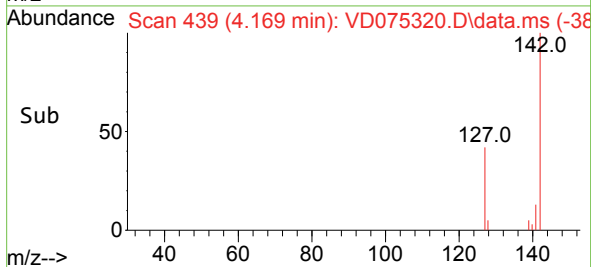
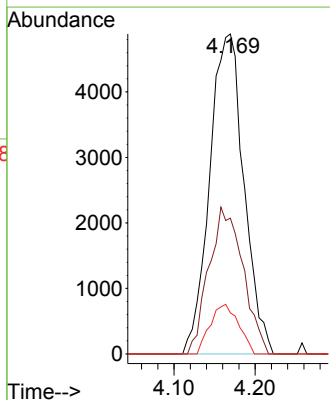
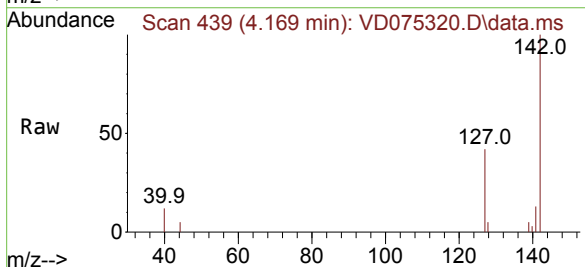
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

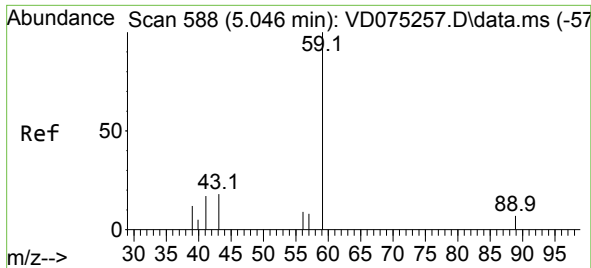
Tgt Ion:101 Resp: 13312
Ion Ratio Lower Upper
101 100
85 44.6 36.9 55.3
151 69.9 58.9 88.3



#10
Methyl Iodide
Concen: 21.937 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion:142 Resp: 14311
Ion Ratio Lower Upper
142 100
127 45.7 33.6 50.4
141 12.8 11.1 16.7

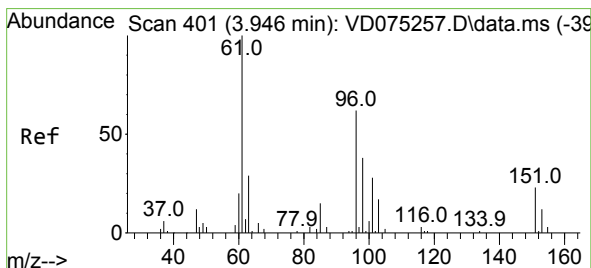
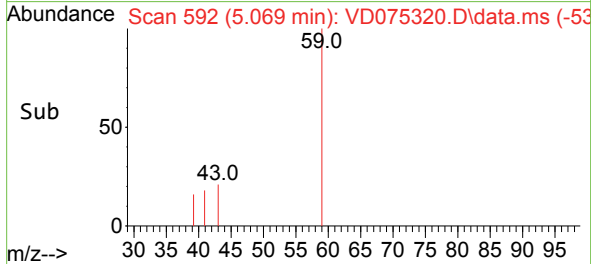
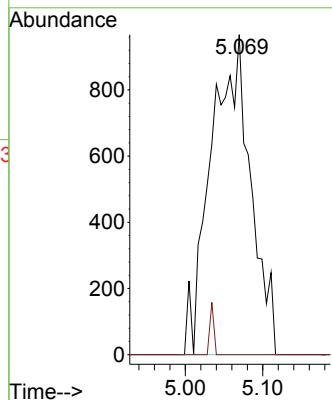
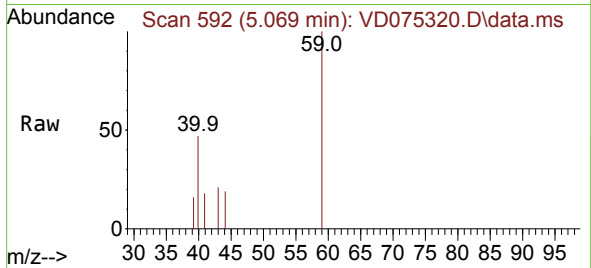




#11
Tert butyl alcohol
Concen: 92.939 ug/l
RT: 5.069 min Scan# 51
Delta R.T. 0.023 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

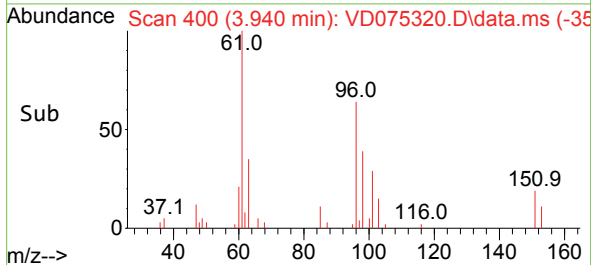
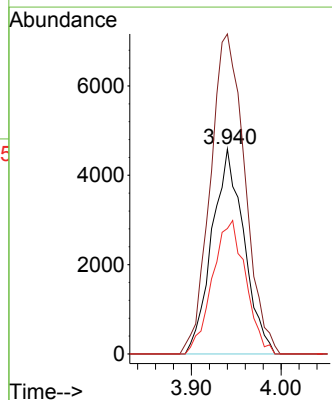
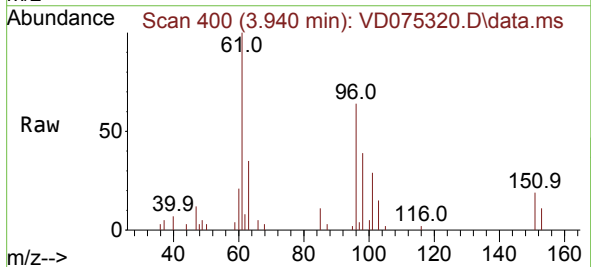
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

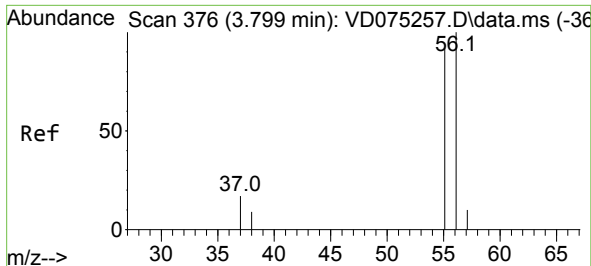
Tgt Ion: 59 Resp: 3430
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 20.605 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 96 Resp: 11358
Ion Ratio Lower Upper
96 100
61 156.1 126.8 190.2
98 61.2 50.4 75.6





#13

Acrolein

Concen: 108.432 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

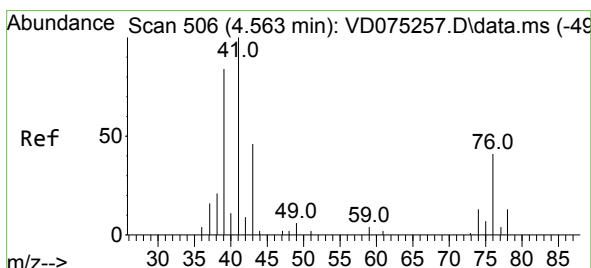
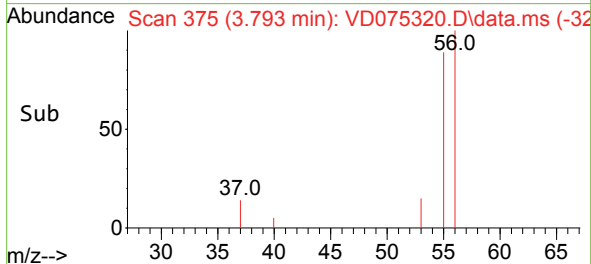
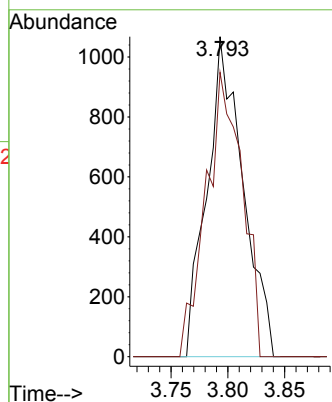
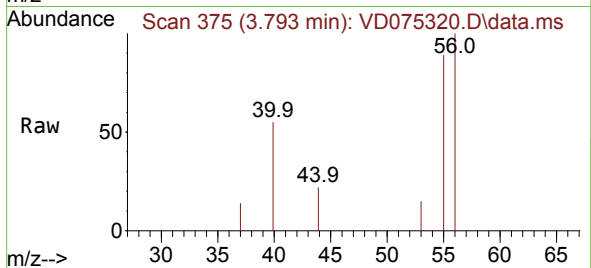
VD0213SBS01

Tgt Ion: 56 Resp: 2350

Ion Ratio Lower Upper

56 100

55 89.4 53.0 79.6#



#14

Allyl chloride

Concen: 20.123 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

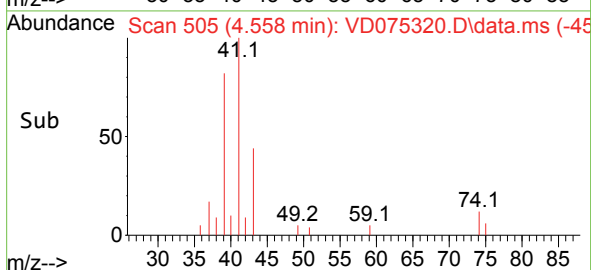
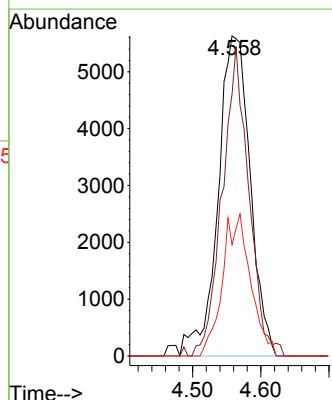
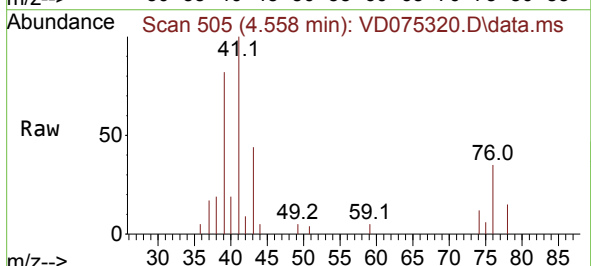
Tgt Ion: 41 Resp: 18455

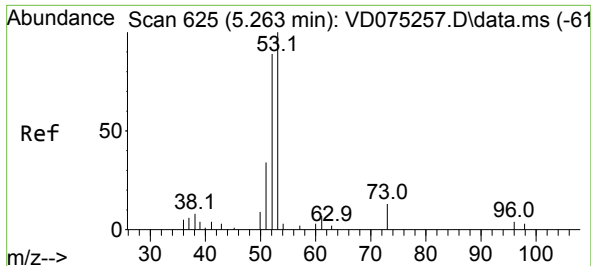
Ion Ratio Lower Upper

41 100

39 79.8 55.4 83.0

76 38.7 30.2 45.2

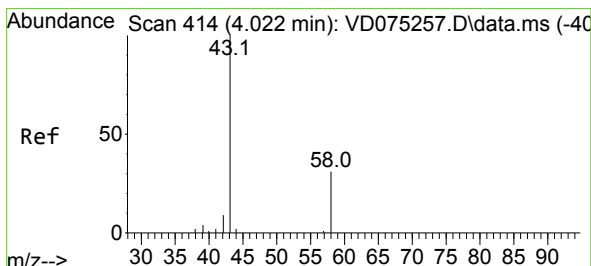
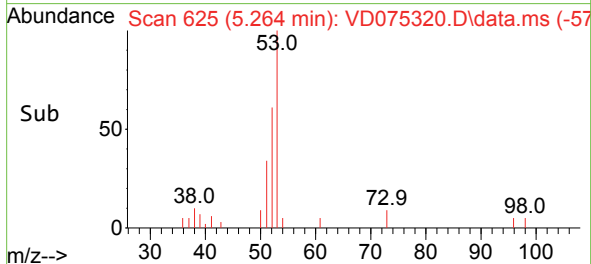
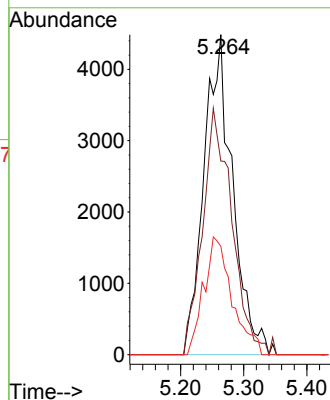
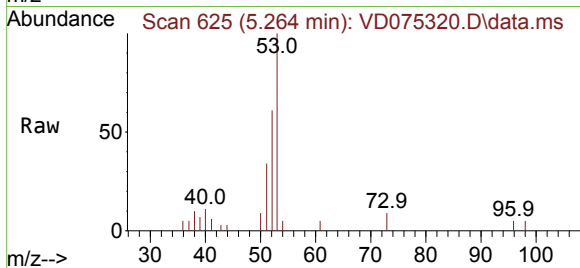




#15
Acrylonitrile
Concen: 106.523 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

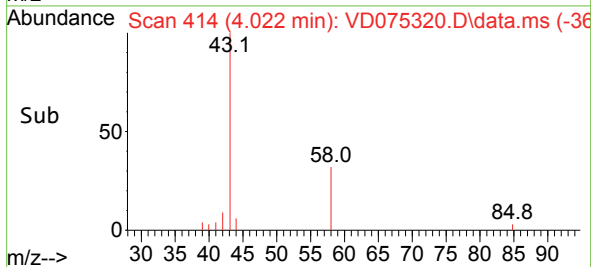
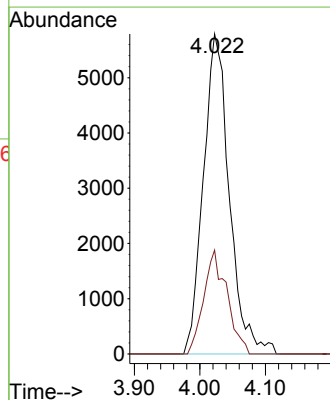
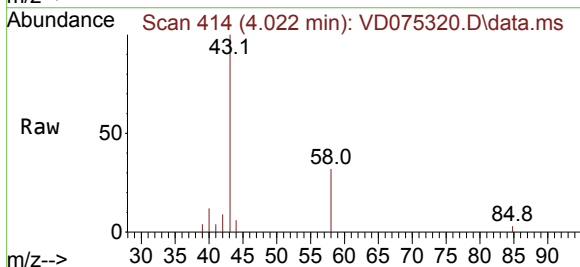
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

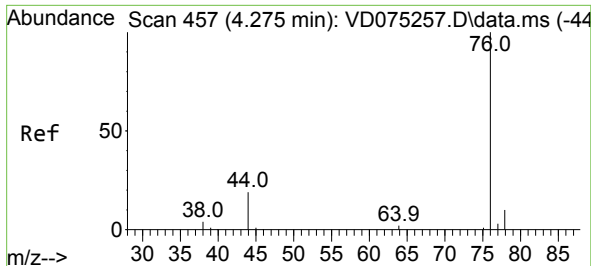
Tgt Ion:	53	Resp:	14123
Ion	Ratio	Lower	Upper
53	100		
52	78.5	67.0	100.6
51	36.3	30.1	45.1



#16
Acetone
Concen: 104.447 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion:	43	Resp:	15949
Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.0	39.0

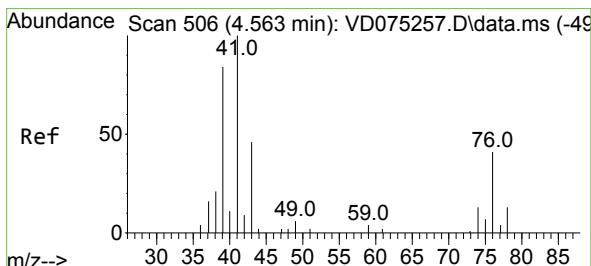
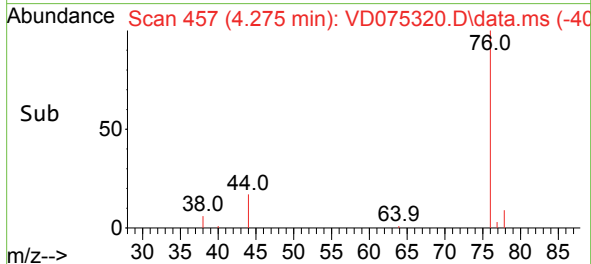
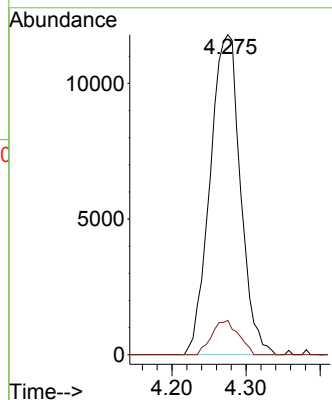
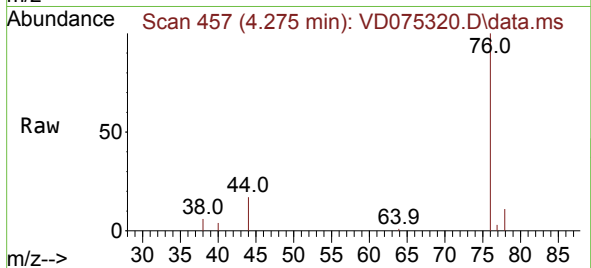




#17
Carbon Disulfide
Concen: 19.715 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

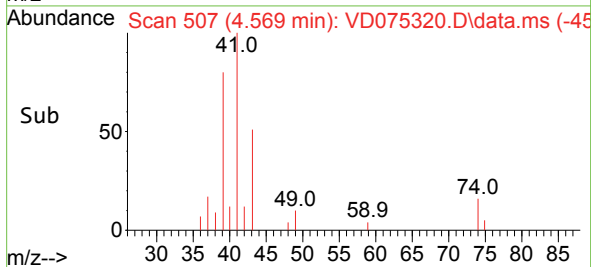
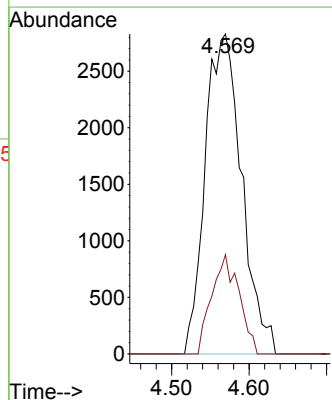
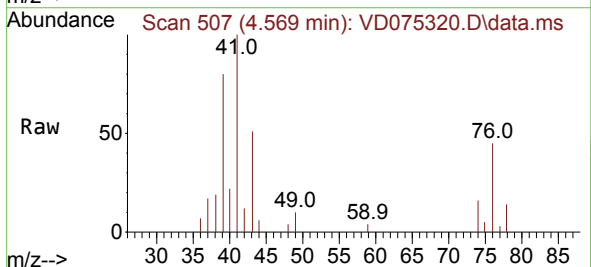
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

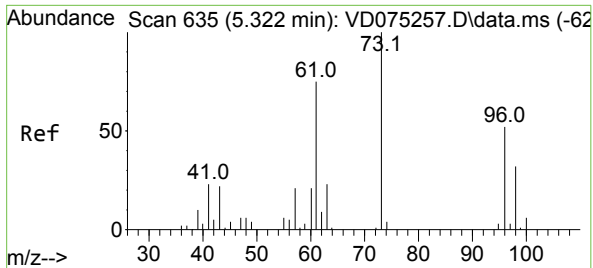
Tgt Ion: 76 Resp: 33526
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0



#18
Methyl Acetate
Concen: 21.133 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 43 Resp: 9249
Ion Ratio Lower Upper
43 100
74 23.2 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 20.475 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

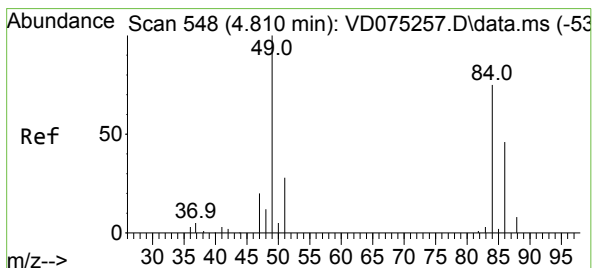
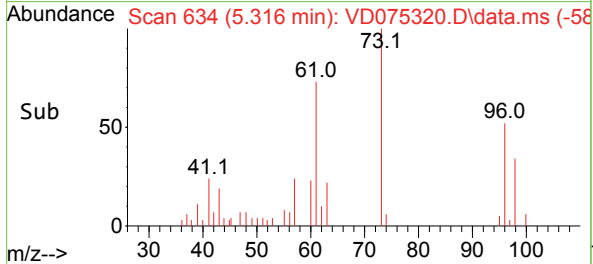
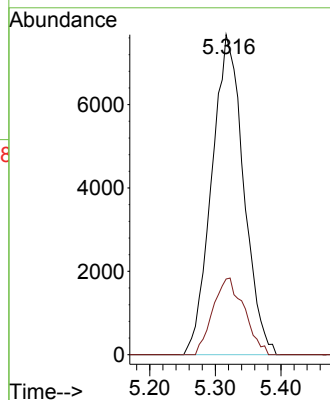
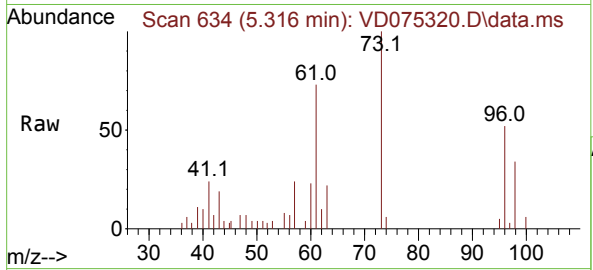
VD0213SBS01

Tgt Ion: 73 Resp: 25912

Ion Ratio Lower Upper

73 100

57 23.6 18.5 27.7



#20

Methylene Chloride

Concen: 26.296 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Tgt Ion: 84 Resp: 18758

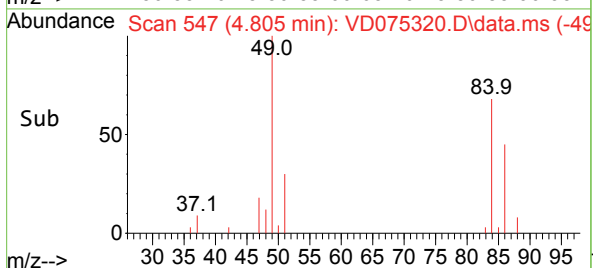
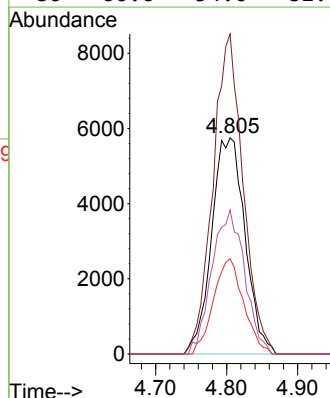
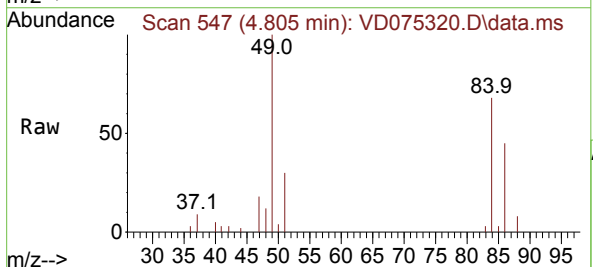
Ion Ratio Lower Upper

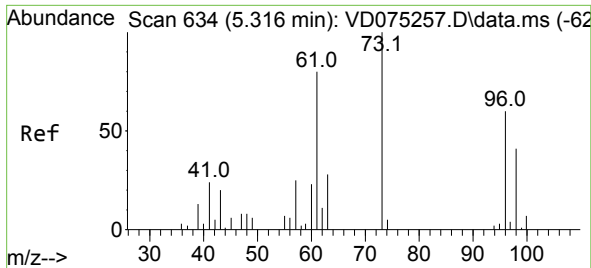
84 100

49 148.0 97.0 145.6#

51 44.0 30.9 46.3

86 66.6 54.0 81.0

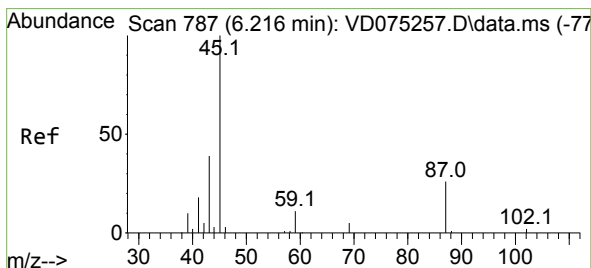
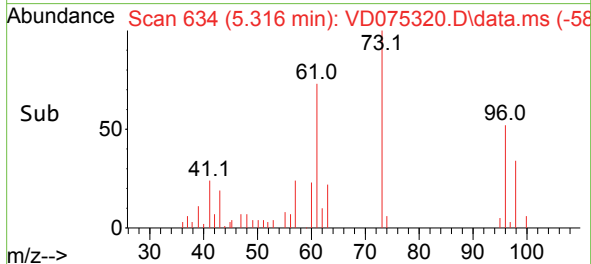
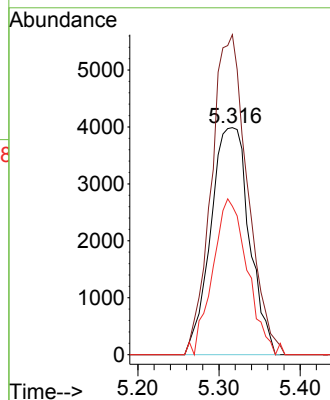
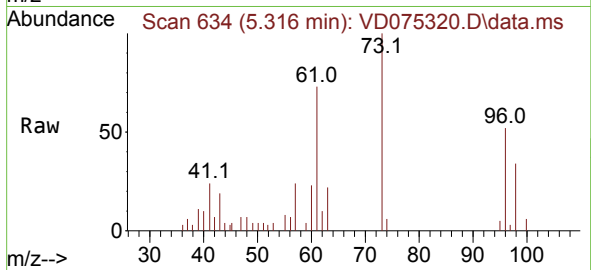




#21
trans-1,2-Dichloroethene
Concen: 21.051 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

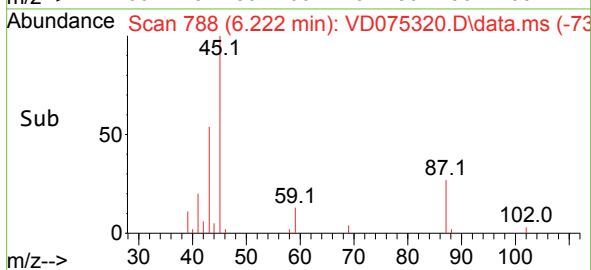
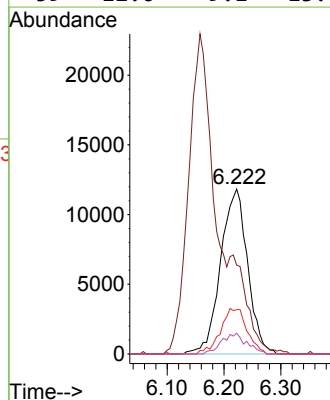
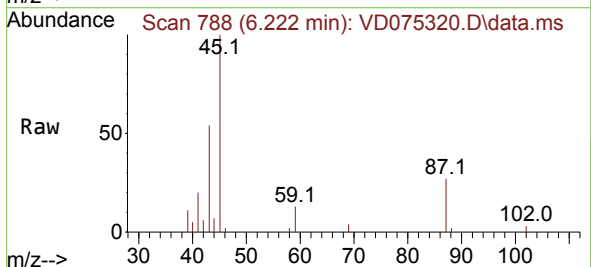
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

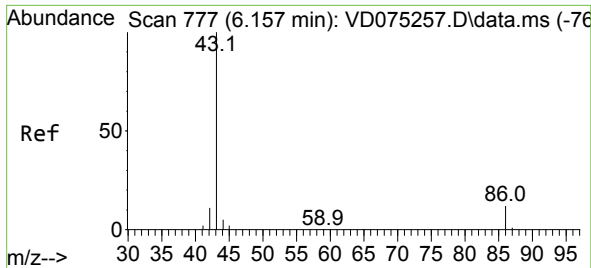
Tgt Ion: 96 Resp: 13131
Ion Ratio Lower Upper
96 100
61 141.0 105.7 158.5
98 65.4 50.4 75.6



#22
Diisopropyl ether
Concen: 21.384 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 45 Resp: 39008
Ion Ratio Lower Upper
45 100
43 51.5 45.3 67.9
87 26.8 22.1 33.1
59 12.6 9.1 13.7

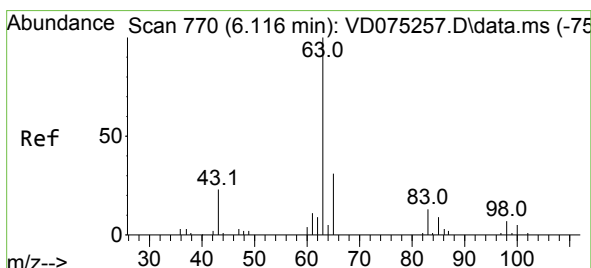
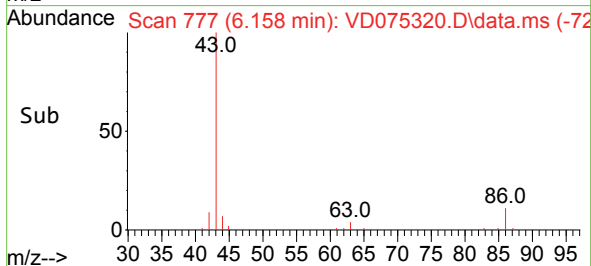
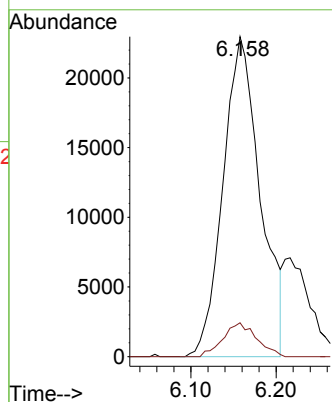
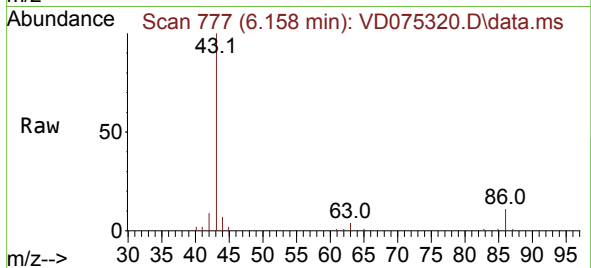




#23
 Vinyl Acetate
 Concen: 123.113 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD075320.D
 Acq: 13 Feb 2023 11:39

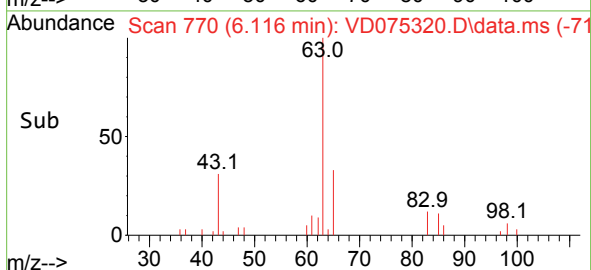
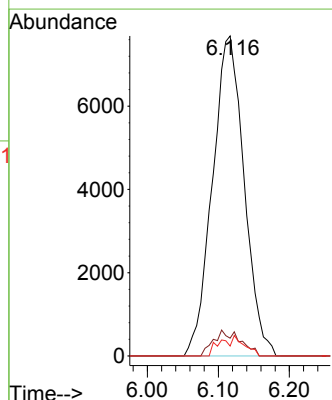
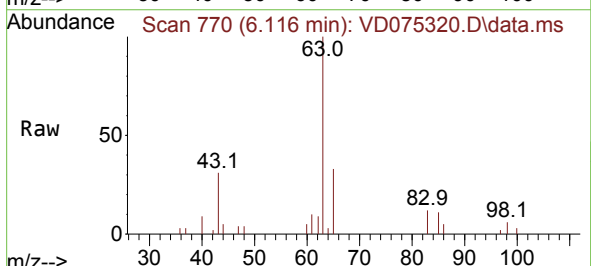
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBSD01

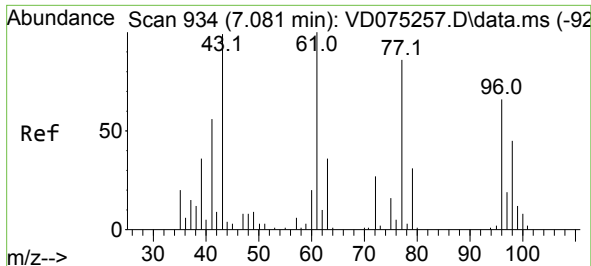
Tgt Ion: 43 Resp: 69625
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 20.960 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075320.D
 Acq: 13 Feb 2023 11:39

Tgt Ion: 63 Resp: 23838
 Ion Ratio Lower Upper
 63 100
 98 5.5 4.0 12.2
 100 3.1 2.5 7.4





#25

2-Butanone

Concen: 100.325 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

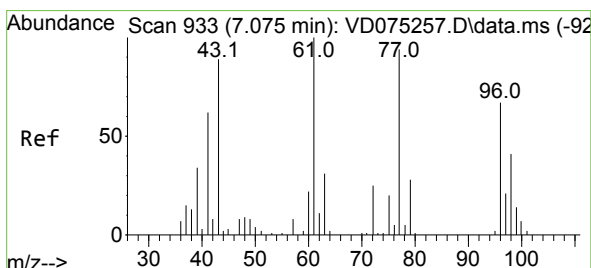
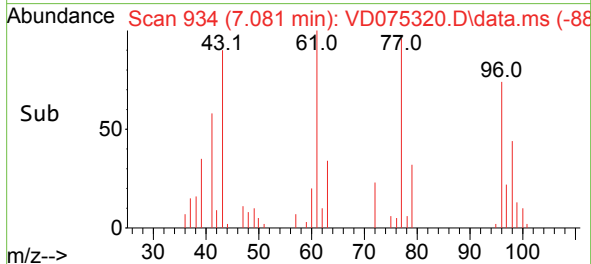
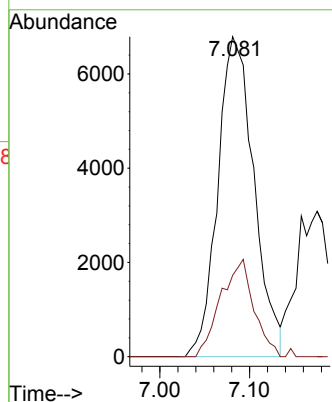
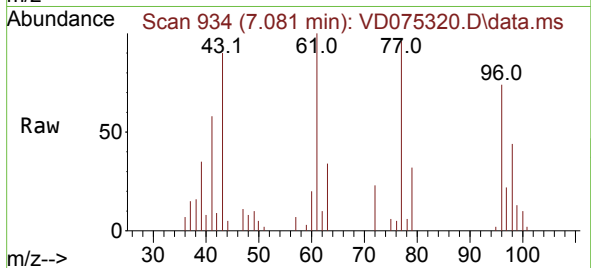
VD0213SBSD01

Tgt Ion: 43 Resp: 18982

Ion Ratio Lower Upper

43 100

72 25.4 19.8 29.8



#26

2,2-Dichloropropane

Concen: 20.931 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075320.D

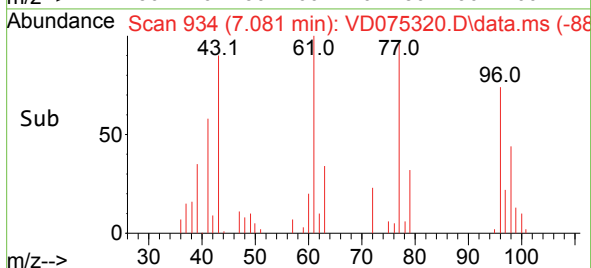
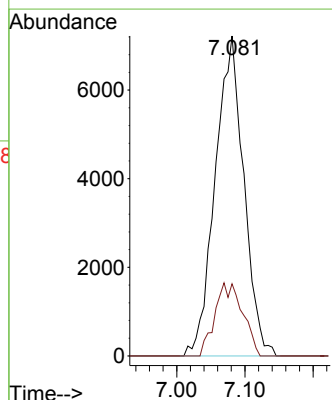
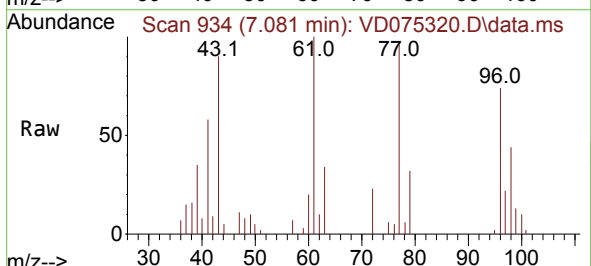
Acq: 13 Feb 2023 11:39

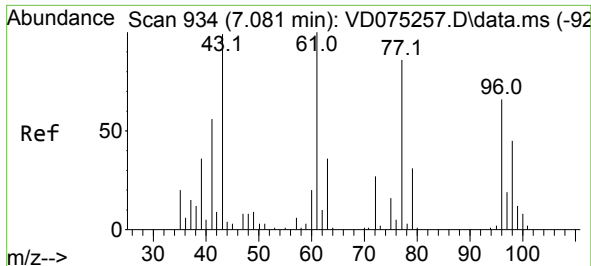
Tgt Ion: 77 Resp: 21071

Ion Ratio Lower Upper

77 100

97 22.2 12.0 36.0

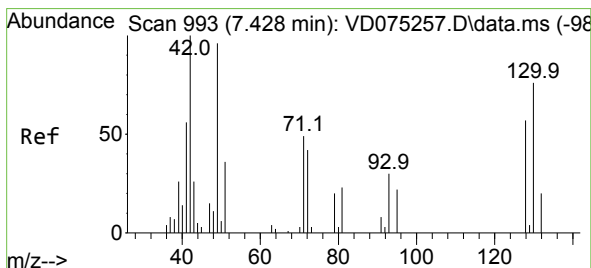
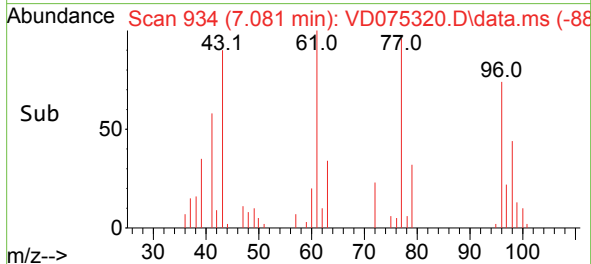
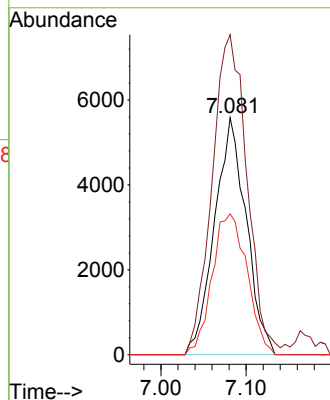
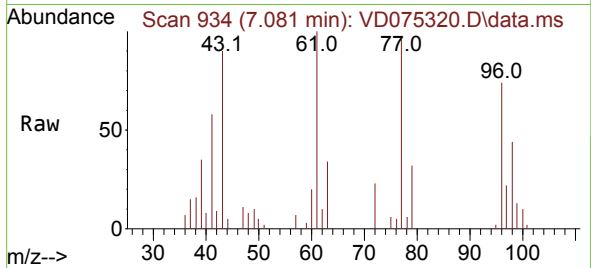




#27
cis-1,2-Dichloroethene
Concen: 20.684 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

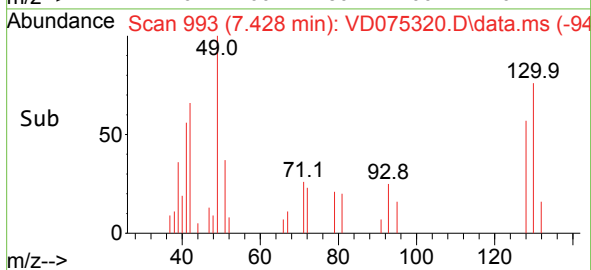
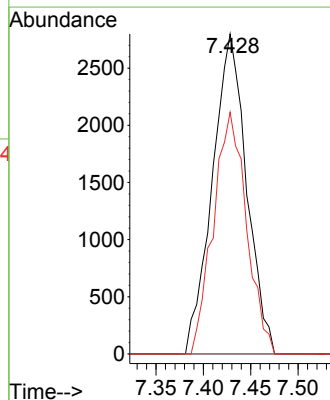
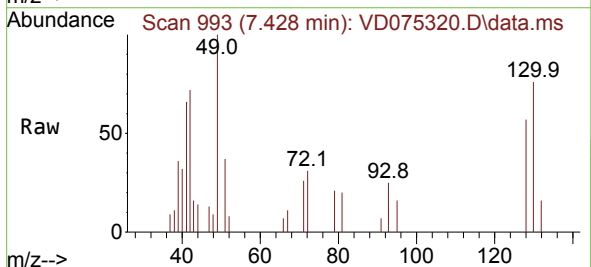
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

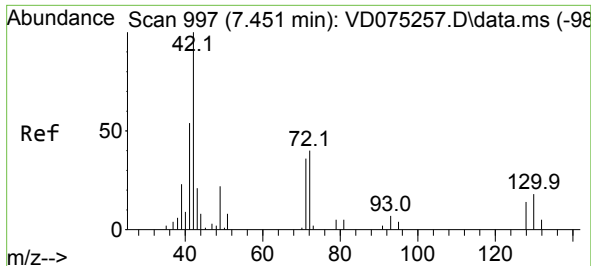
Tgt Ion: 96 Resp: 14434
Ion Ratio Lower Upper
96 100
61 148.5 0.0 287.4
98 65.3 0.0 129.8



#28
Bromochloromethane
Concen: 22.626 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 49 Resp: 7037
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.6
130 73.0 63.6 95.4

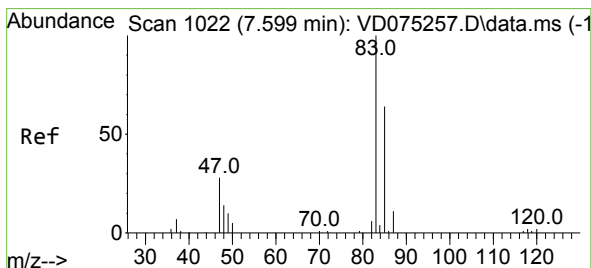
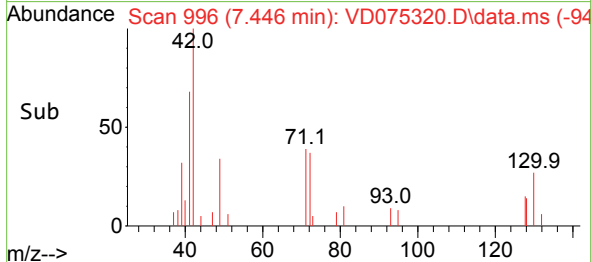
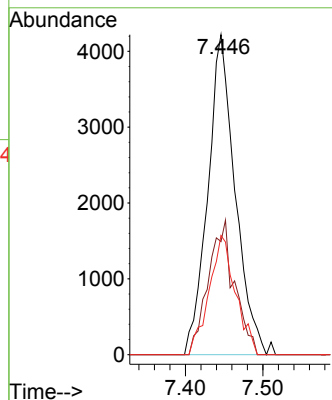
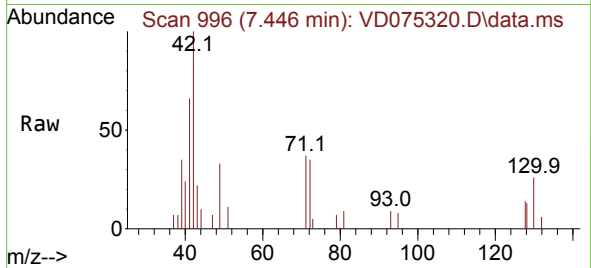




#29
Tetrahydrofuran
Concen: 101.772 ug/l
RT: 7.446 min Scan# 997
Delta R.T. -0.005 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

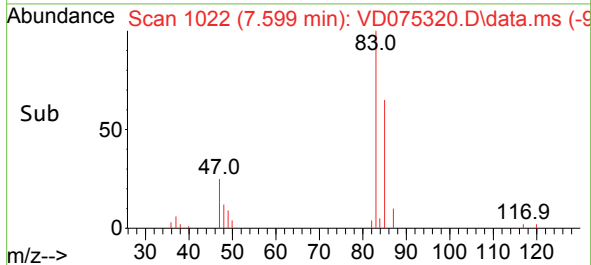
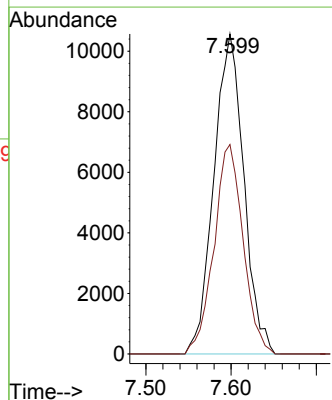
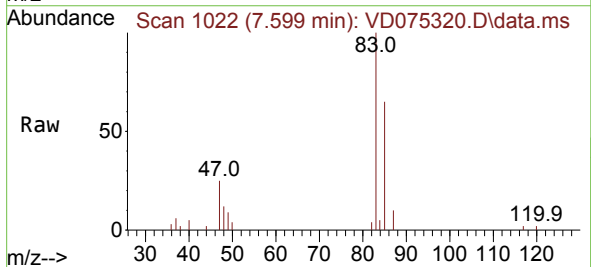
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

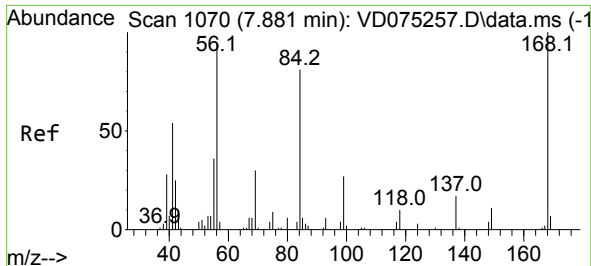
Tgt Ion: 42	Resp: 10369
Ion Ratio	Lower Upper
42	100
72	40.2 33.8 50.8
71	35.9 31.6 47.4



#30
Chloroform
Concen: 22.063 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 83	Resp: 25827
Ion Ratio	Lower Upper
83	100
85	65.4 48.5 72.7

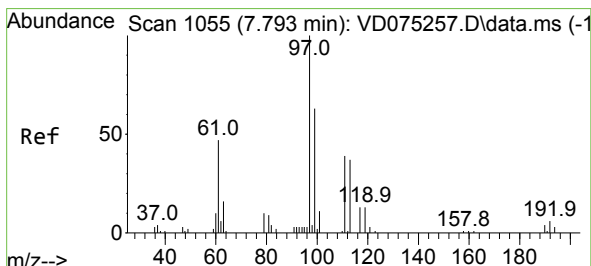
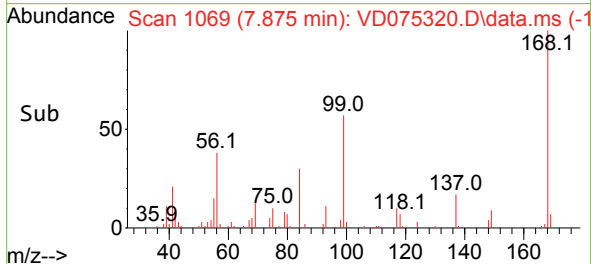
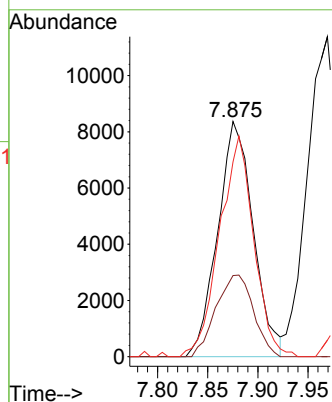
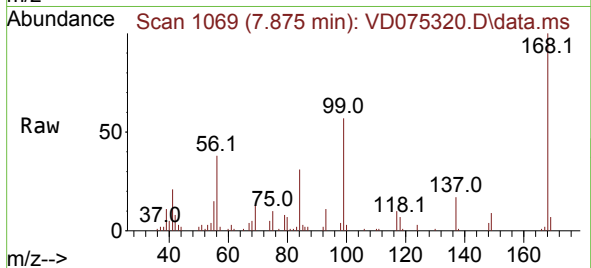




#31
Cyclohexane
Concen: 20.081 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

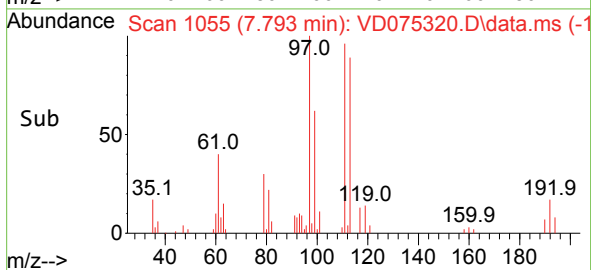
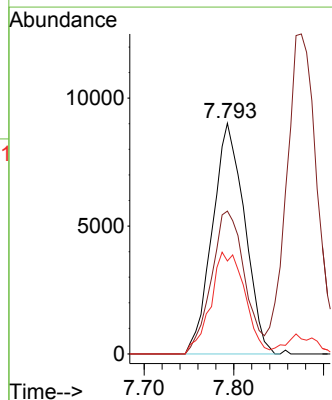
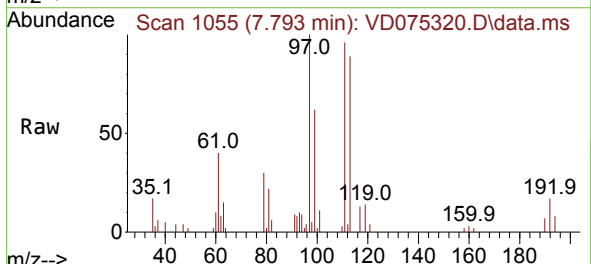
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

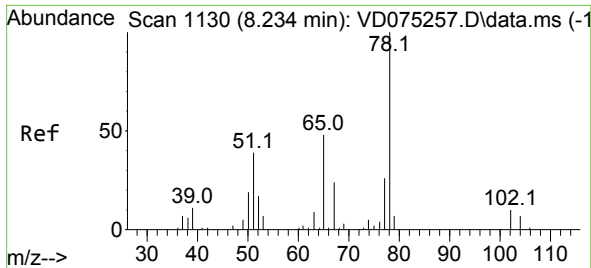
Tgt Ion: 56 Resp: 20592
Ion Ratio Lower Upper
56 100
69 34.5 26.6 40.0
84 82.8 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 21.475 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 97 Resp: 22486
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 46.7 36.3 54.5

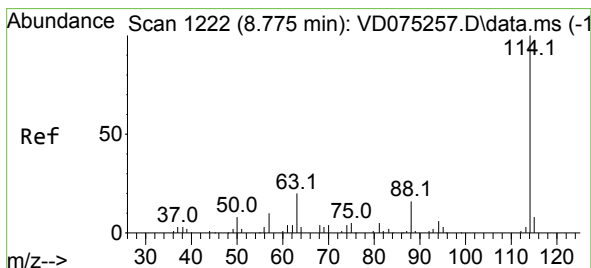
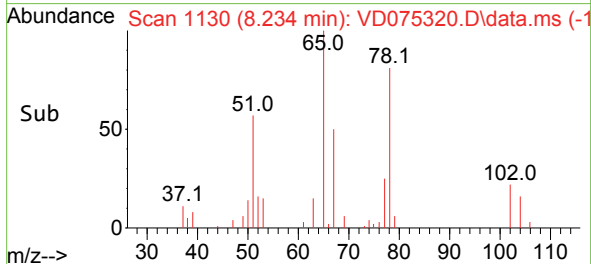
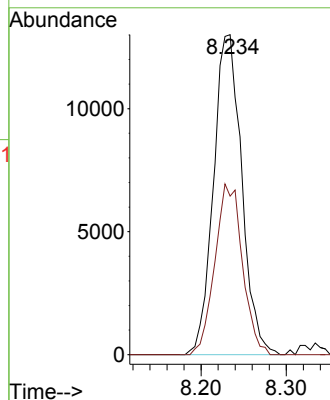
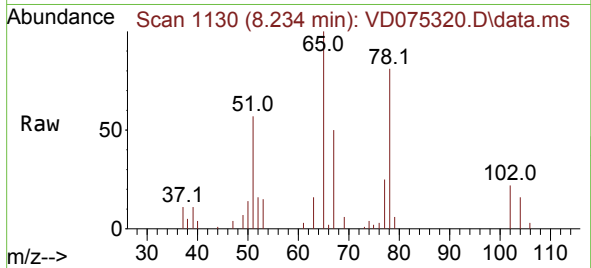




#33
1,2-Dichloroethane-d4
Concen: 51.813 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

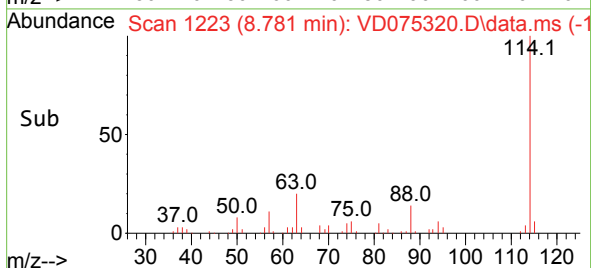
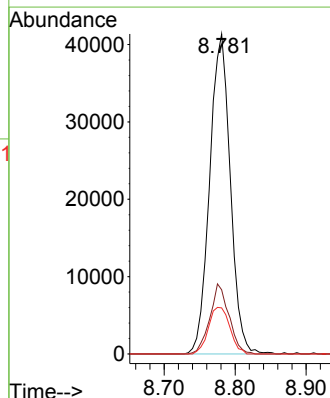
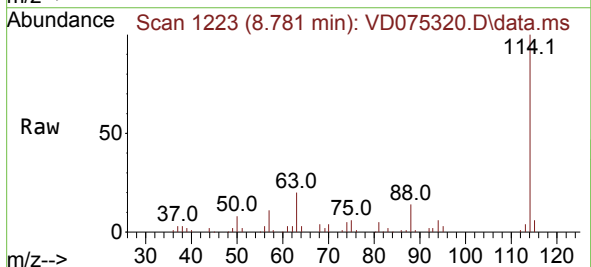
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

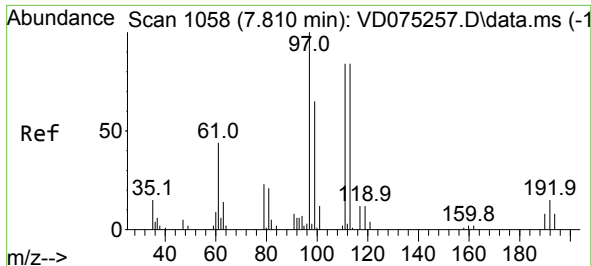
Tgt Ion: 65 Resp: 29921
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion:114 Resp: 83394
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 14.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.551 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBSD01

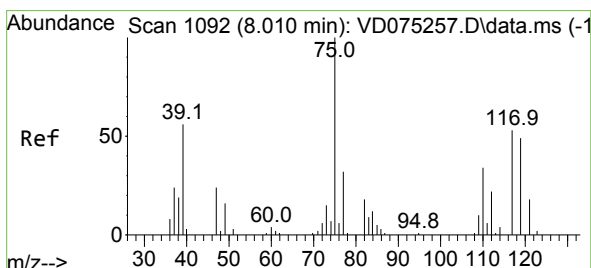
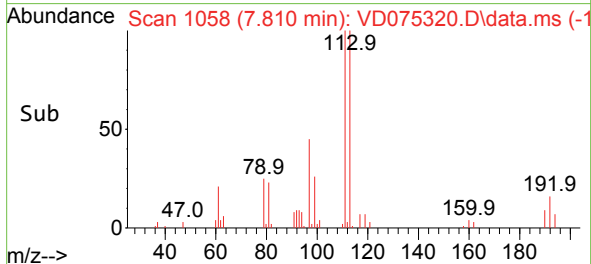
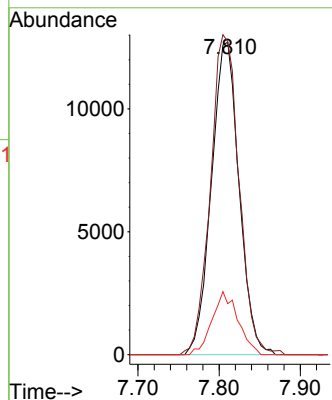
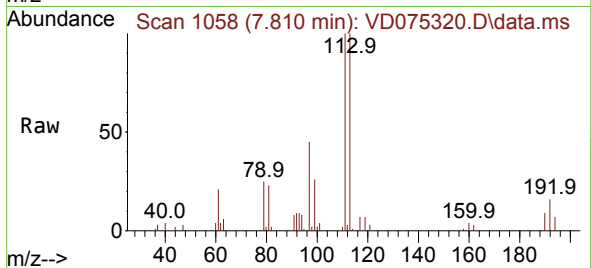
Tgt Ion:113 Resp: 30145

Ion Ratio Lower Upper

113 100

111 105.7 80.1 120.1

192 19.0 15.4 23.0



#36

1,1-Dichloropropene

Concen: 20.613 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

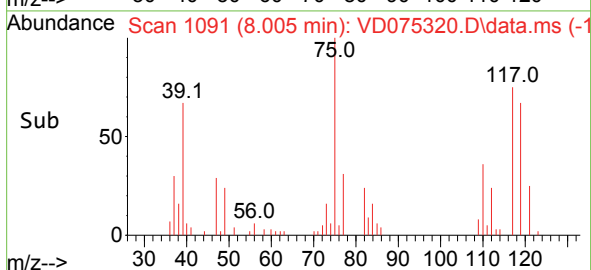
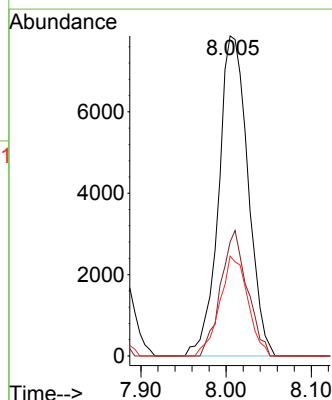
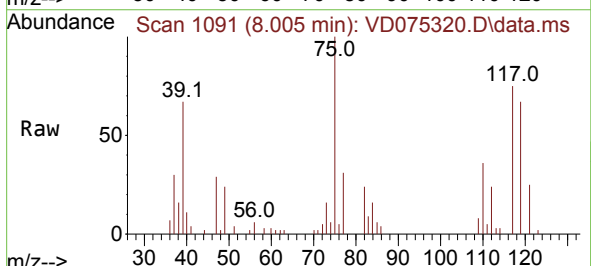
Tgt Ion: 75 Resp: 18777

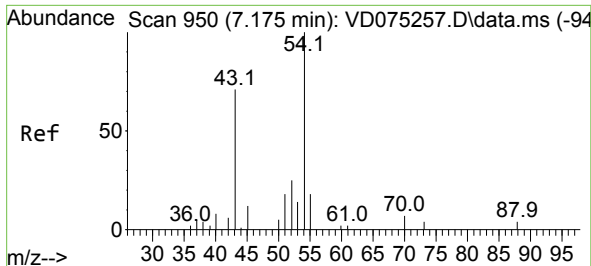
Ion Ratio Lower Upper

75 100

110 35.6 18.1 54.4

77 29.8 25.1 37.7





#37

Ethyl Acetate

Concen: 21.869 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBSD01

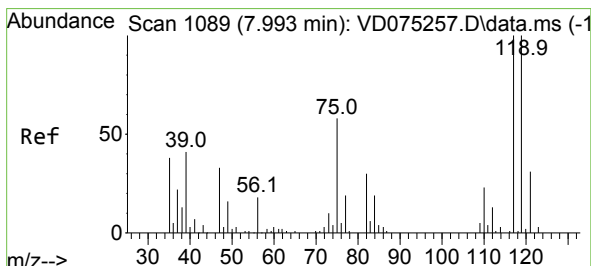
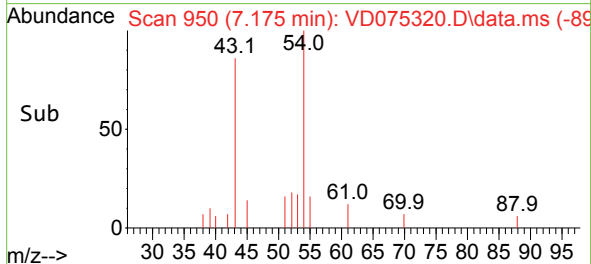
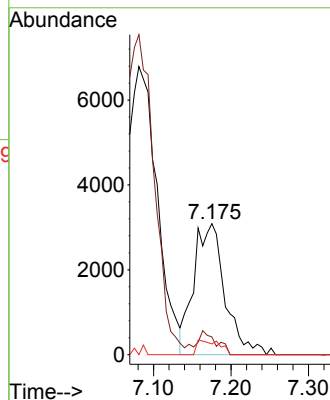
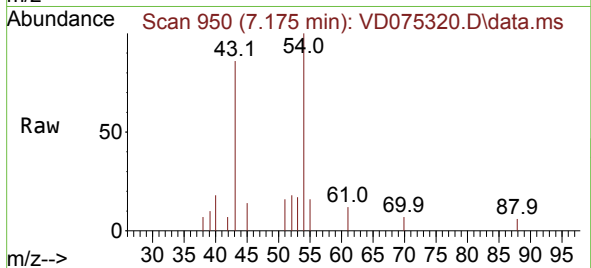
Tgt Ion: 43 Resp: 8688

Ion Ratio Lower Upper

43 100

61 10.1 11.7 17.5#

70 7.8 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 22.721 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

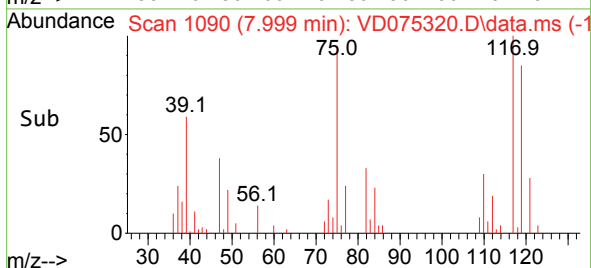
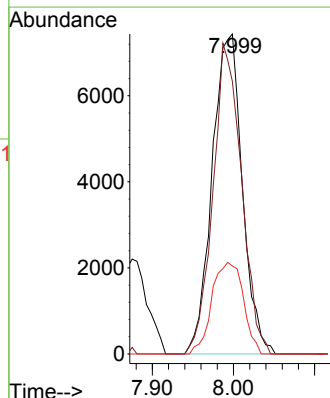
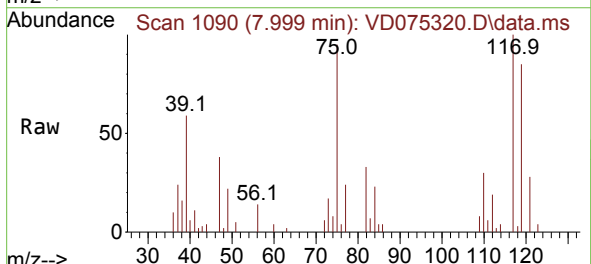
Tgt Ion: 117 Resp: 19178

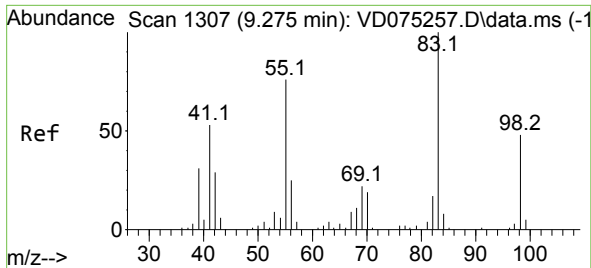
Ion Ratio Lower Upper

117 100

119 85.2 73.6 110.4

121 27.5 25.4 38.0





#39

Methylcyclohexane

Concen: 20.076 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

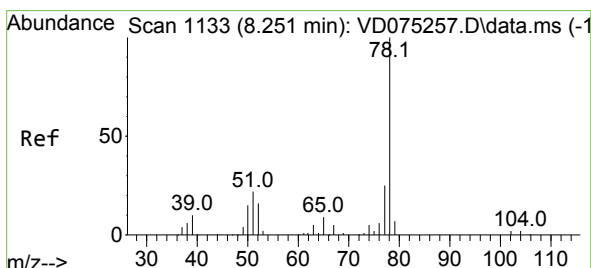
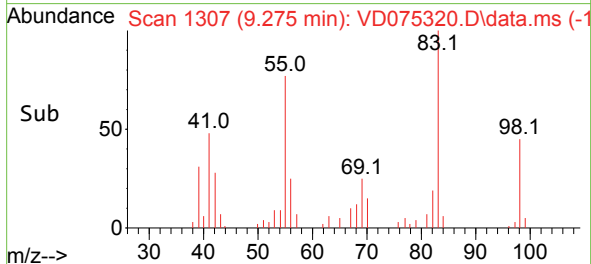
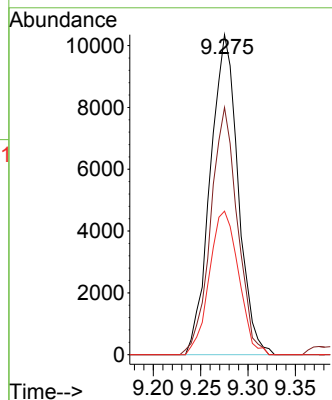
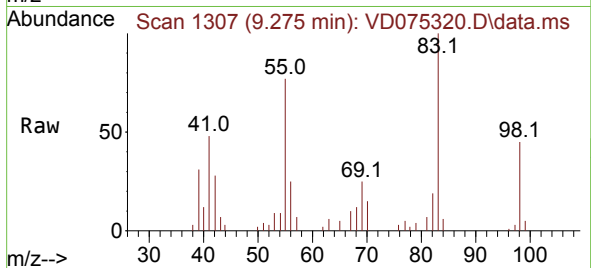
Tgt Ion: 83 Resp: 21167

Ion Ratio Lower Upper

83 100

55 77.3 60.0 90.0

98 44.8 39.0 58.4



#40

Benzene

Concen: 19.982 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD075320.D

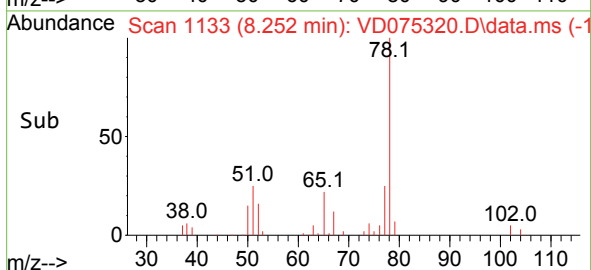
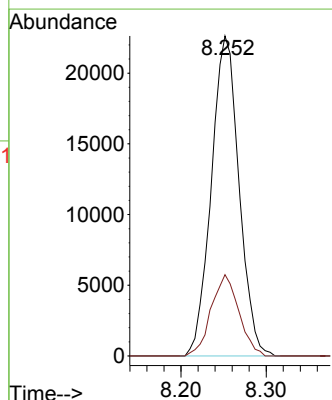
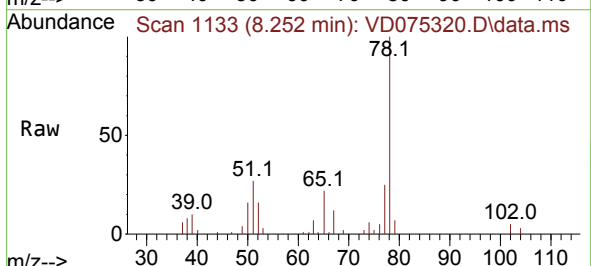
Acq: 13 Feb 2023 11:39

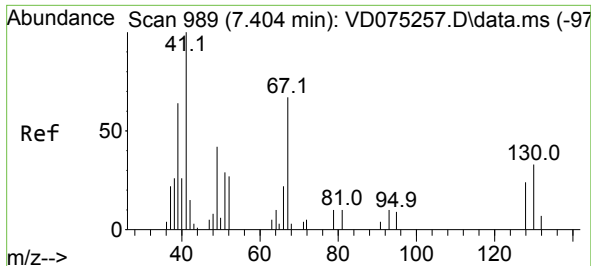
Tgt Ion: 78 Resp: 51156

Ion Ratio Lower Upper

78 100

77 25.4 19.8 29.6

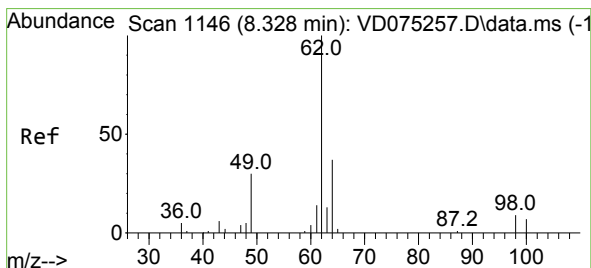
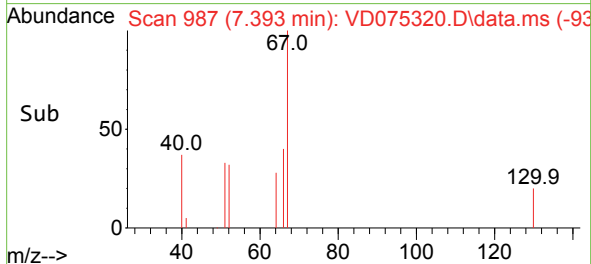
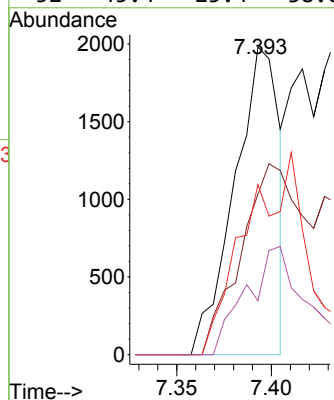
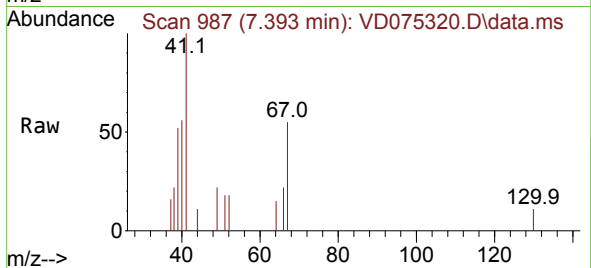




#41
Methacrylonitrile
Concen: 13.773 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

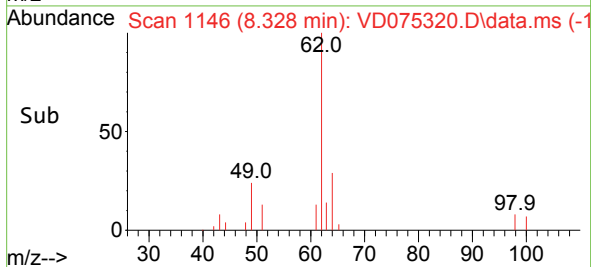
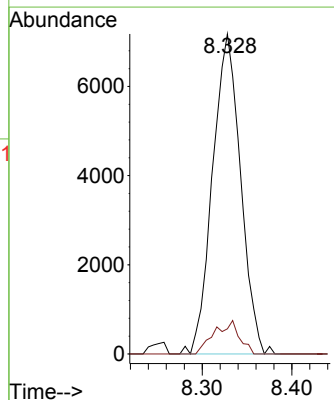
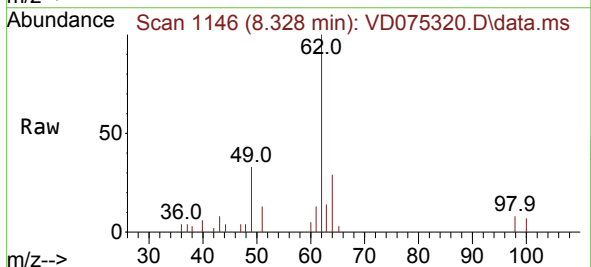
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

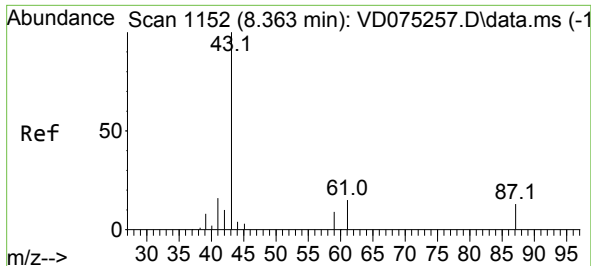
Tgt Ion:	41	Resp:	3264
Ion	Ratio	Lower	Upper
41	100		
39	87.6	57.8	86.6#
67	87.8	60.5	90.7
52	45.4	25.4	38.0#



#42
1,2-Dichloroethane
Concen: 21.005 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion:	62	Resp:	15569
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2

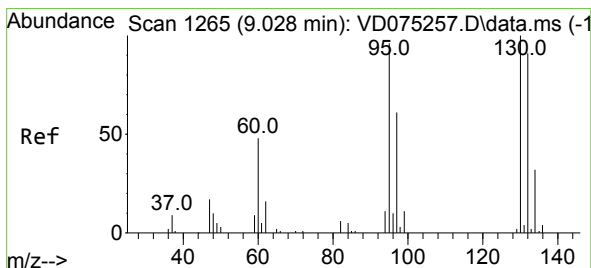
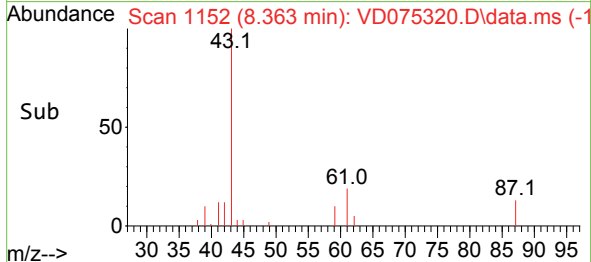
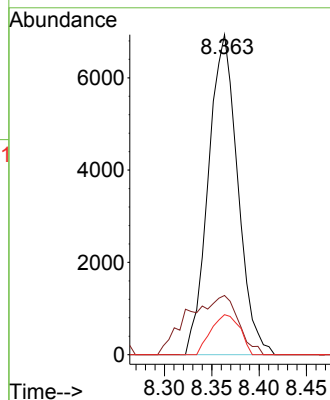
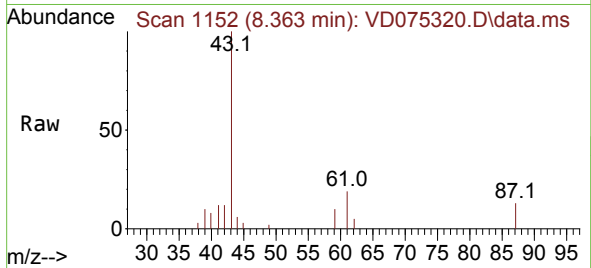




#43
Isopropyl Acetate
Concen: 19.709 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

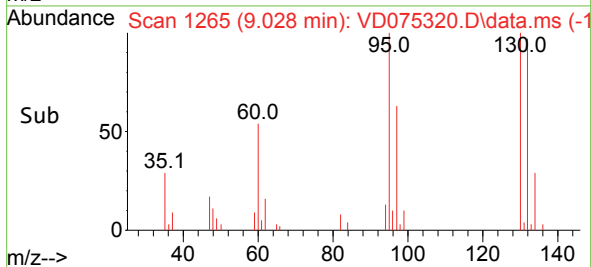
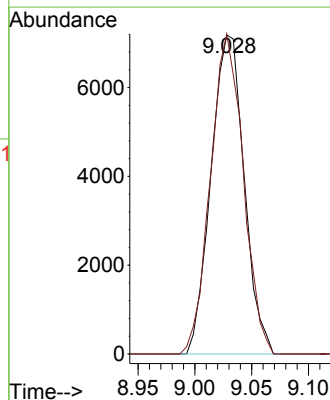
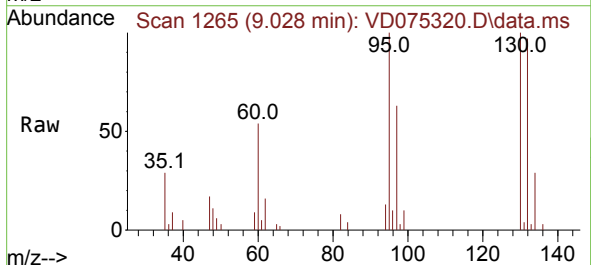
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

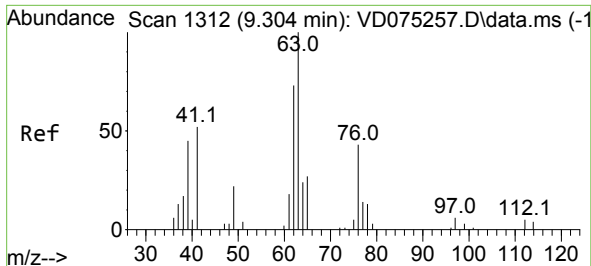
Tgt Ion:	43	Resp:	14961
Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.0	37.6
87	12.3	10.6	16.0



#44
Trichloroethene
Concen: 20.622 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion:	130	Resp:	14553
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	188.6





#45

1,2-Dichloropropane

Concen: 20.942 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

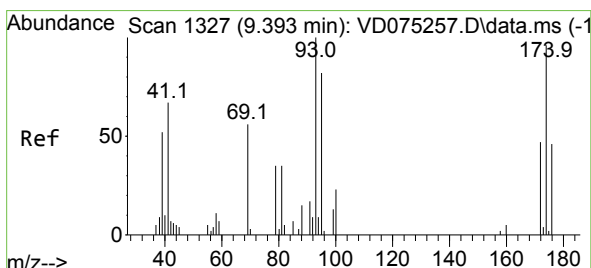
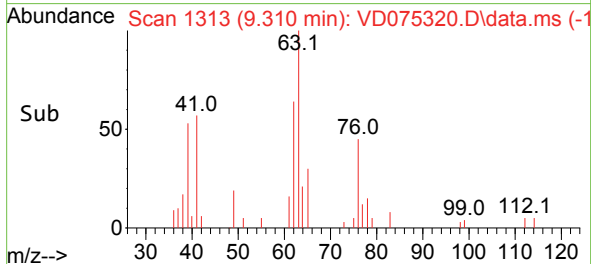
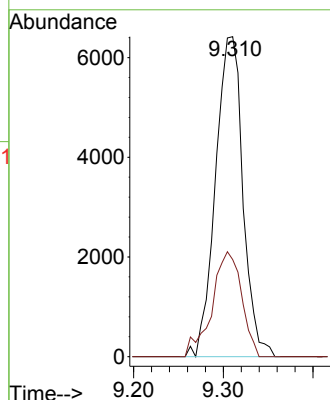
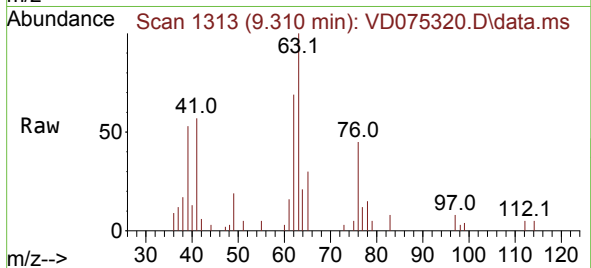
VD0213SBSD01

Tgt Ion: 63 Resp: 13616

Ion Ratio Lower Upper

63 100

65 30.4 25.1 37.7



#46

Dibromomethane

Concen: 20.774 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

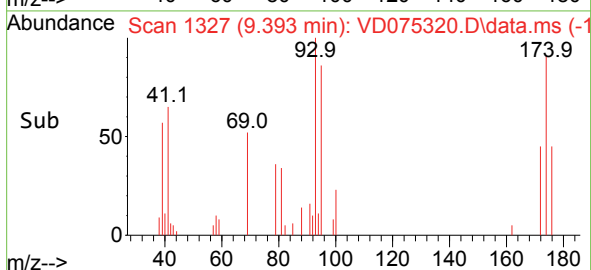
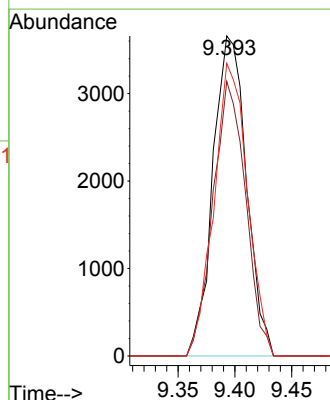
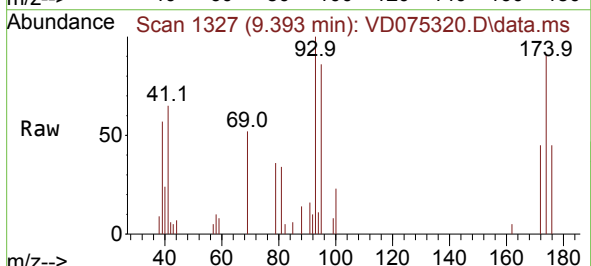
Tgt Ion: 93 Resp: 7485

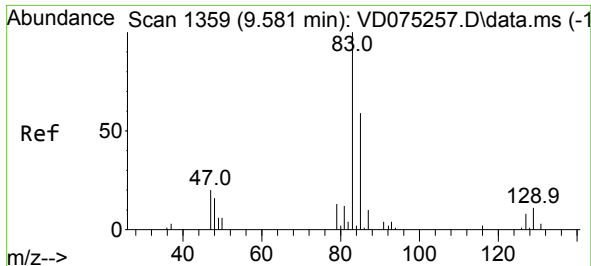
Ion Ratio Lower Upper

93 100

95 83.4 68.3 102.5

174 91.6 77.4 116.0





#47

Bromodichloromethane

Concen: 20.580 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBSD01

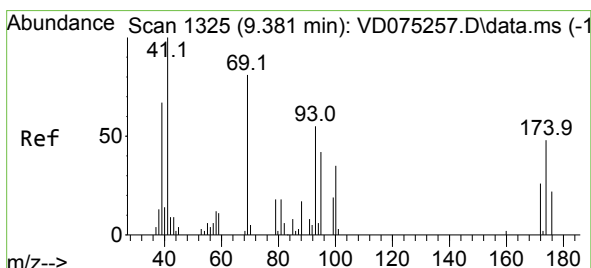
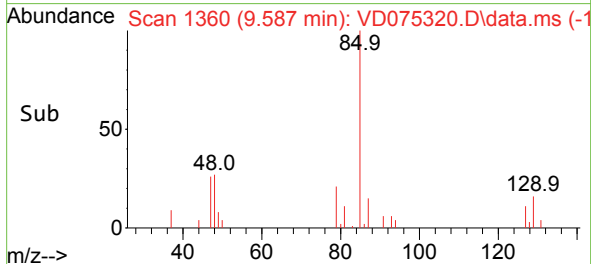
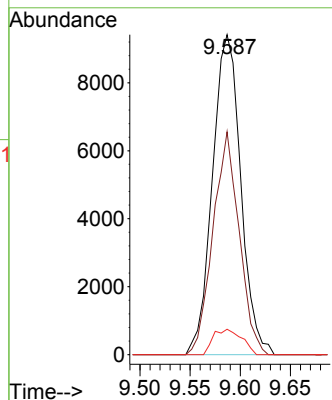
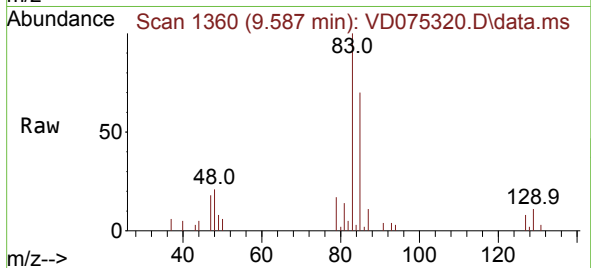
Tgt Ion: 83 Resp: 18455

Ion Ratio Lower Upper

83 100

85 69.7 53.0 79.4

127 7.9 7.0 10.4



#48

Methyl methacrylate

Concen: 20.432 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

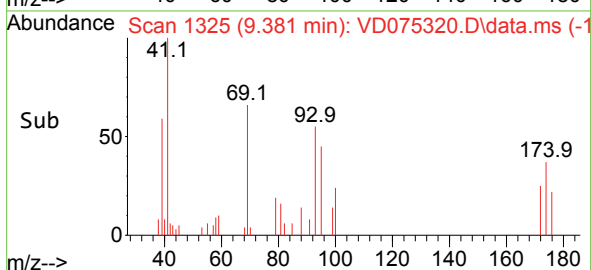
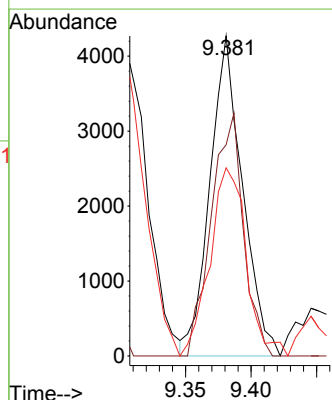
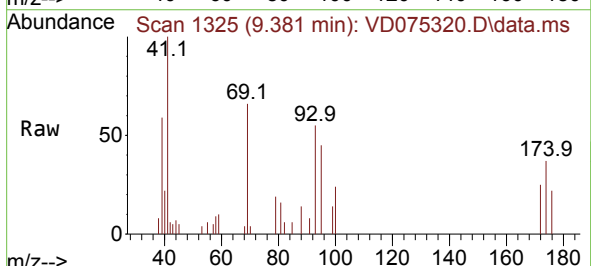
Tgt Ion: 41 Resp: 7366

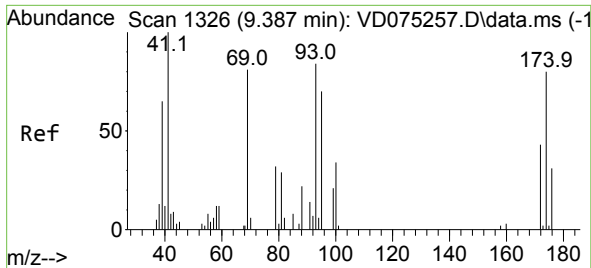
Ion Ratio Lower Upper

41 100

69 74.9 67.8 101.6

39 65.5 46.0 69.0





#49

1,4-Dioxane

Concen: 401.438 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

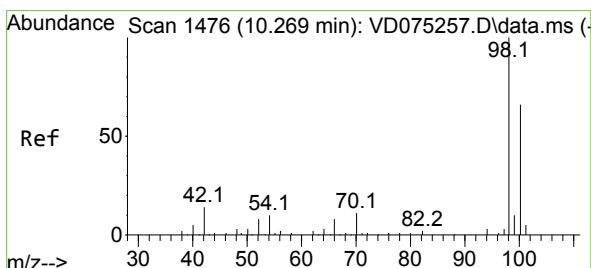
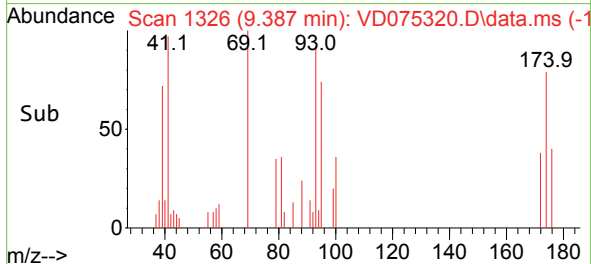
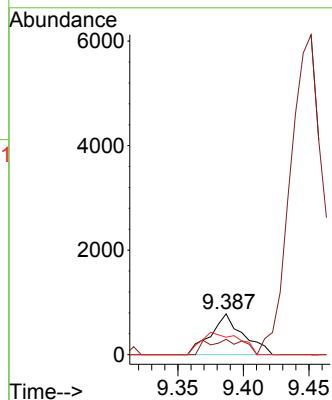
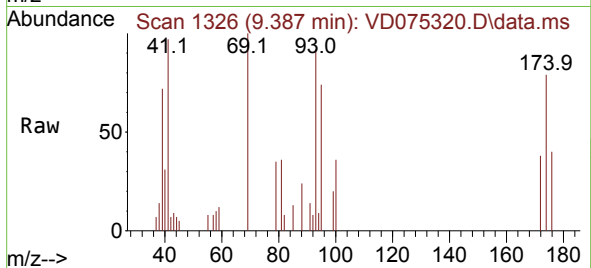
Tgt Ion: 88 Resp: 1341

Ion Ratio Lower Upper

88 100

43 43.0 35.6 53.4

58 65.3 57.4 86.2



#50

Toluene-d8

Concen: 49.718 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075320.D

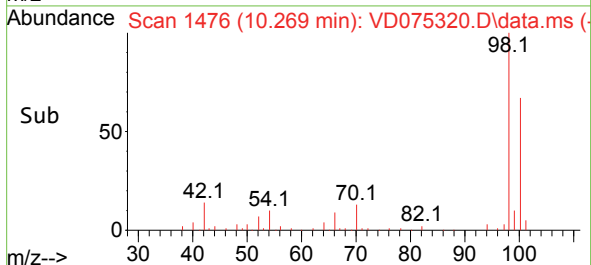
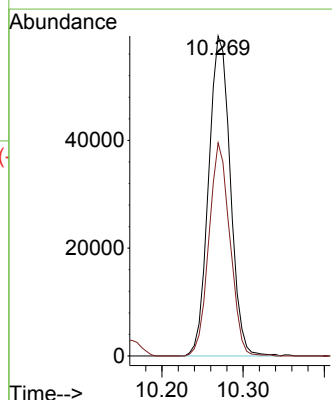
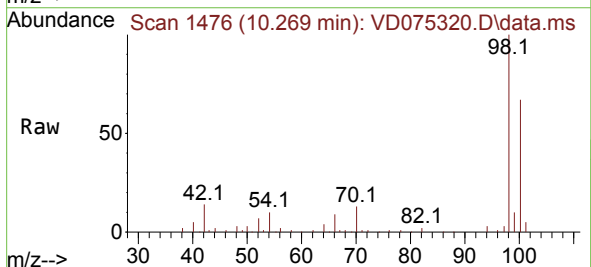
Acq: 13 Feb 2023 11:39

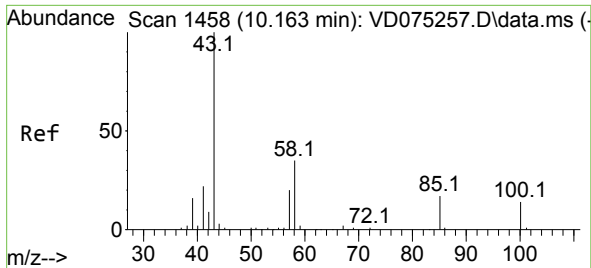
Tgt Ion: 98 Resp: 110254

Ion Ratio Lower Upper

98 100

100 64.3 52.7 79.1

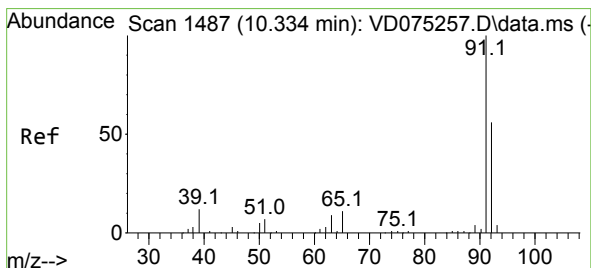
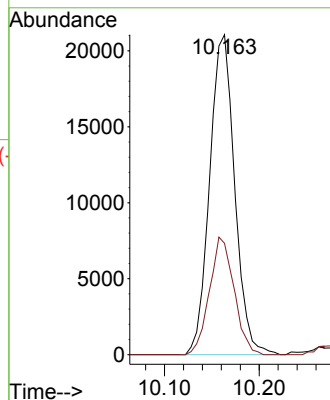
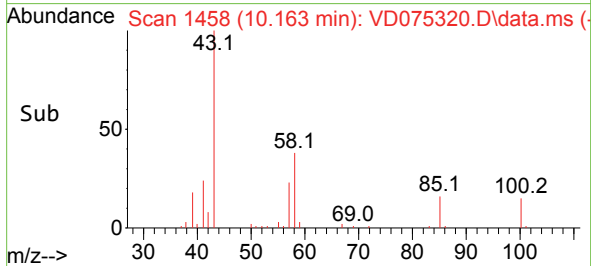
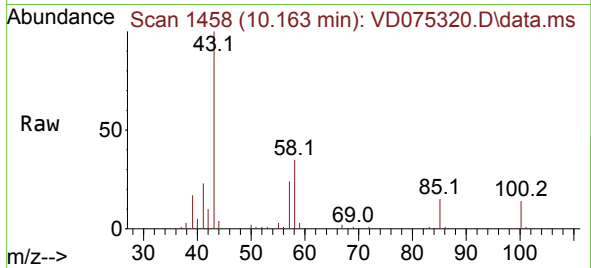




#51
4-Methyl-2-Pentanone
Concen: 101.024 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

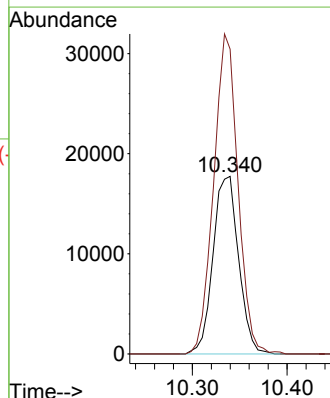
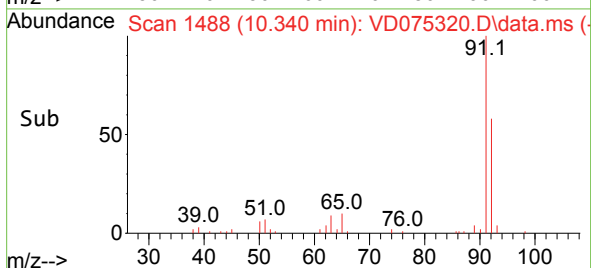
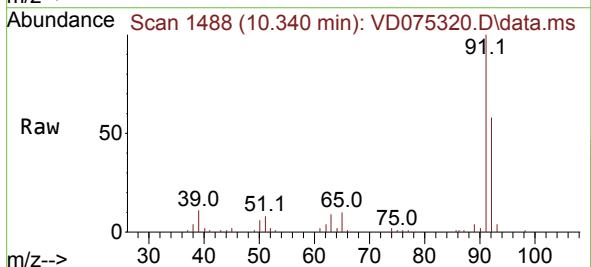
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

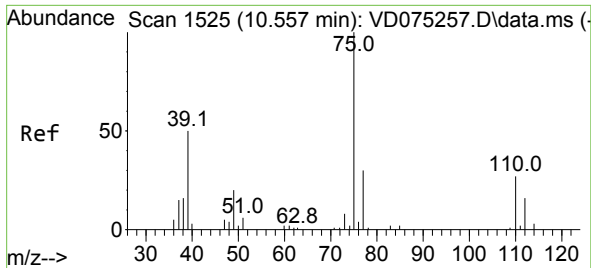
Tgt Ion: 43 Resp: 38770
Ion Ratio Lower Upper
43 100
58 36.1 31.4 47.0



#52
Toluene
Concen: 20.637 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 92 Resp: 33278
Ion Ratio Lower Upper
92 100
91 171.4 137.0 205.4

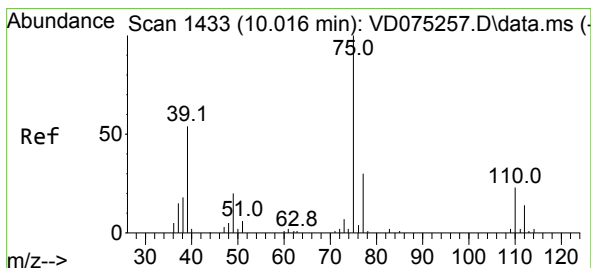
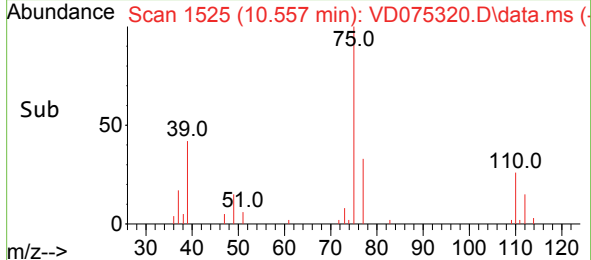
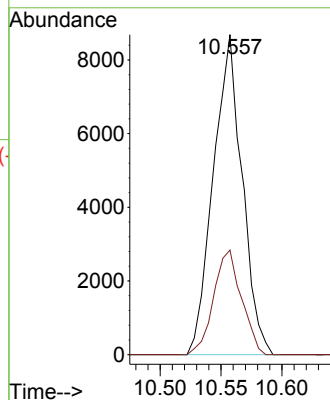
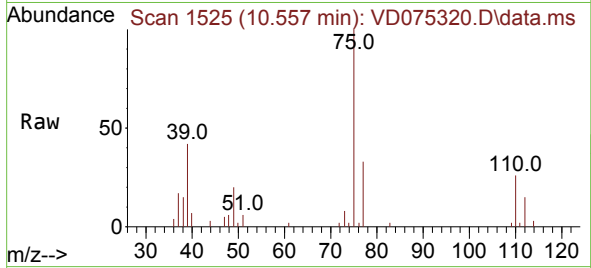




#53
 t-1,3-Dichloropropene
 Concen: 18.433 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD075320.D
 Acq: 13 Feb 2023 11:39

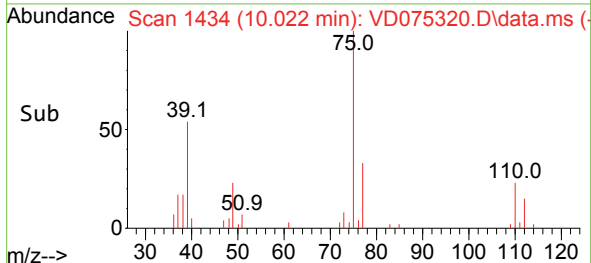
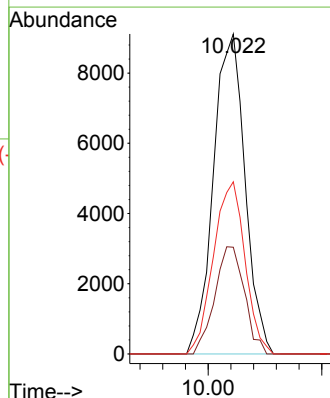
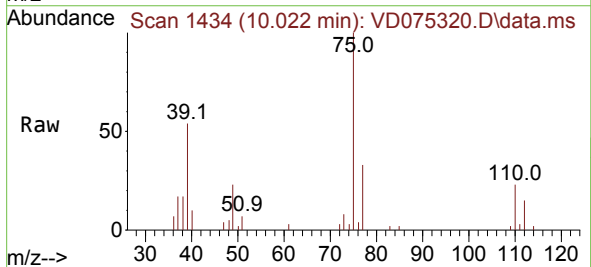
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBSD01

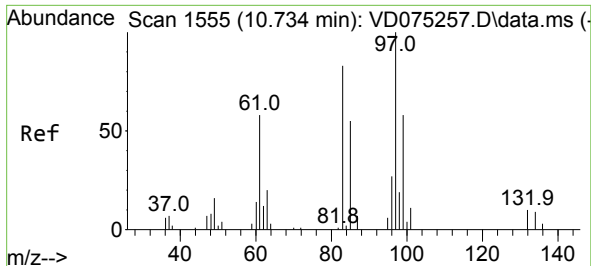
Tgt Ion: 75 Resp: 14318
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 18.950 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD075320.D
 Acq: 13 Feb 2023 11:39

Tgt Ion: 75 Resp: 17599
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.1 37.7
 39 53.8 37.9 56.9

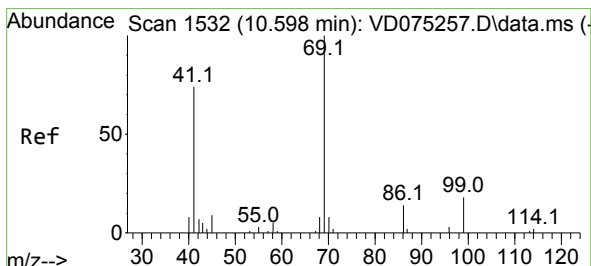
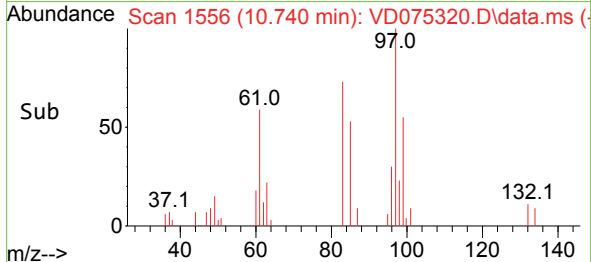
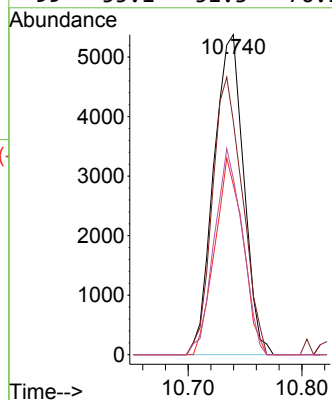
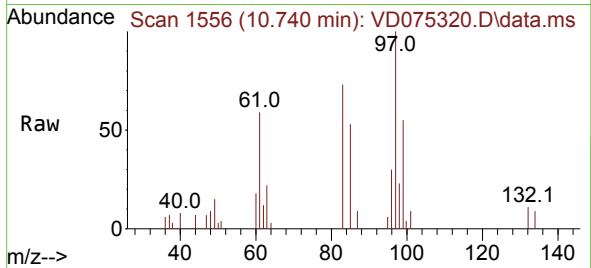




#55
1,1,2-Trichloroethane
Concen: 21.424 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

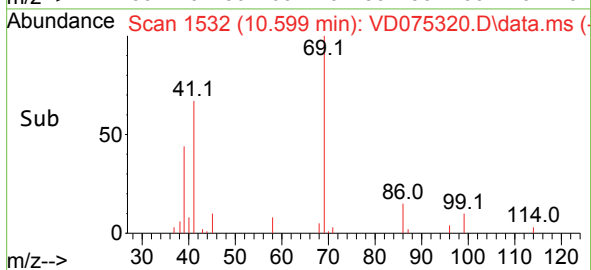
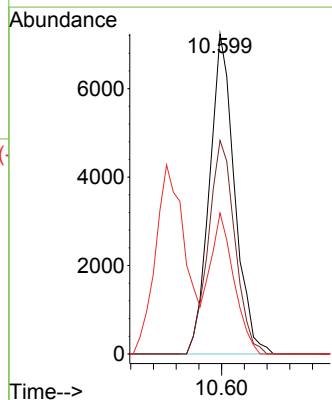
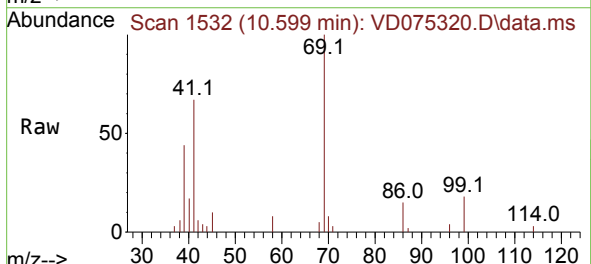
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

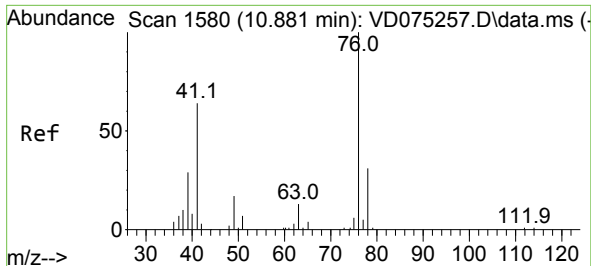
Tgt Ion: 97	Resp: 9854
Ion Ratio	Lower Upper
97 100	
83 72.9	69.4 104.0
85 53.0	46.0 69.0
99 55.1	51.3 76.9



#56
Ethyl methacrylate
Concen: 20.796 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 69	Resp: 11120
Ion Ratio	Lower Upper
69 100	
41 70.8	55.7 83.5
39 42.1	31.4 47.0





#57

1,3-Dichloropropane

Concen: 20.862 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

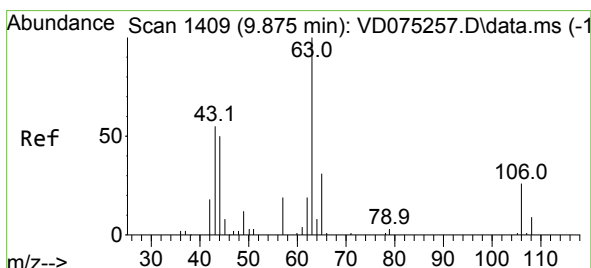
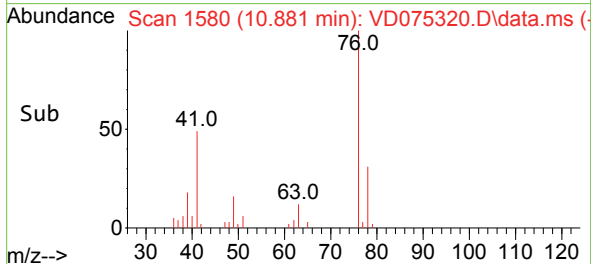
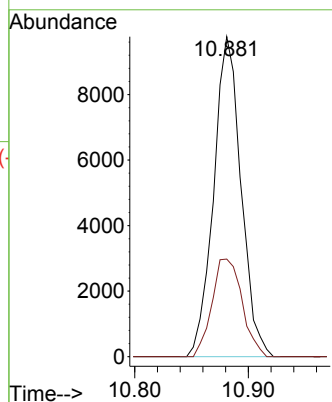
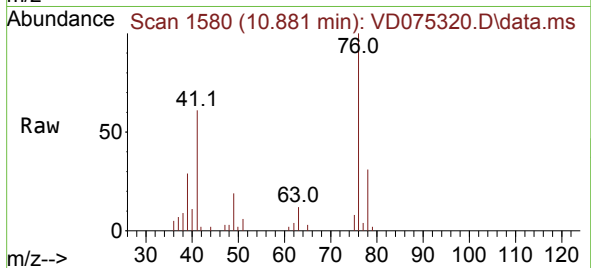
VD0213SBSD01

Tgt Ion: 76 Resp: 16346

Ion Ratio Lower Upper

76 100

78 33.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 57.784 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD075320.D

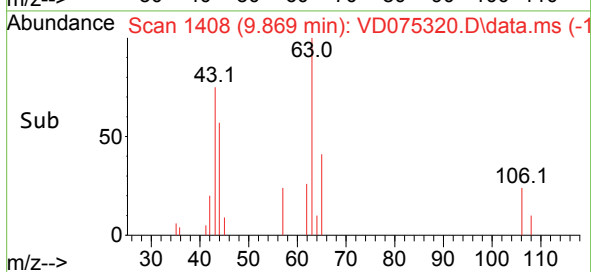
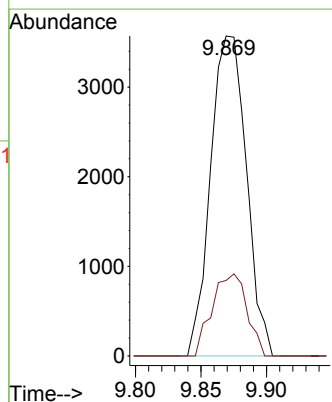
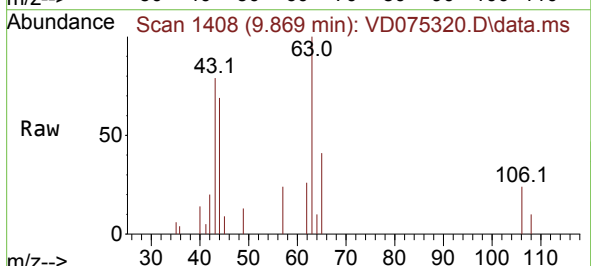
Acq: 13 Feb 2023 11:39

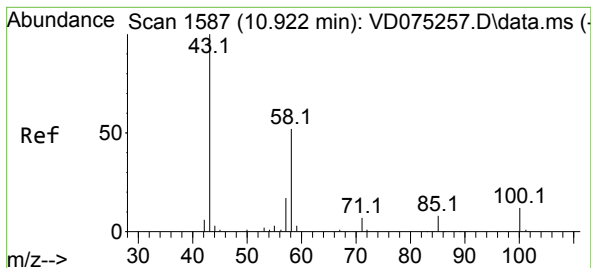
Tgt Ion: 63 Resp: 6781

Ion Ratio Lower Upper

63 100

106 25.0 22.6 33.8

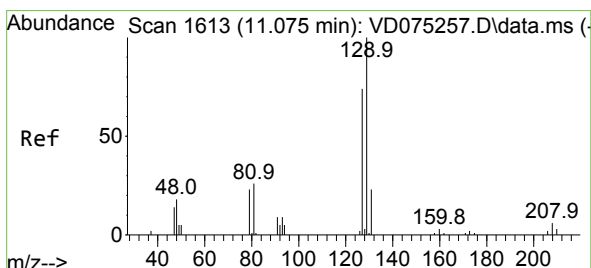
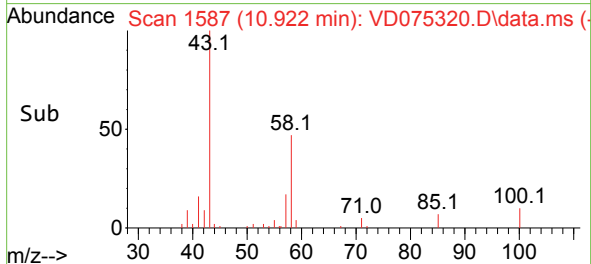
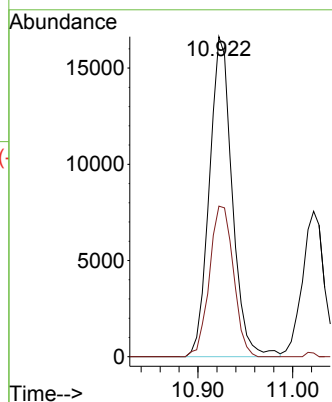
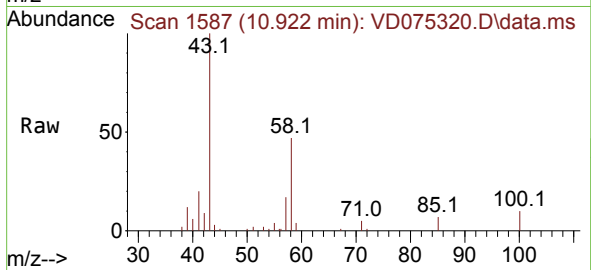




#59
2-Hexanone
Concen: 99.545 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

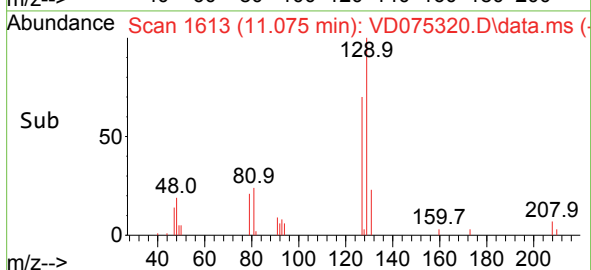
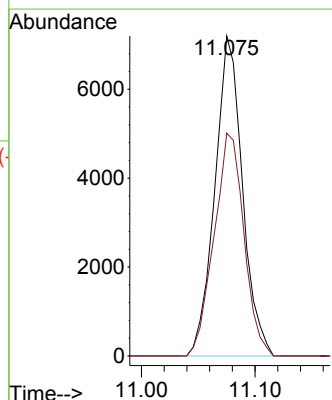
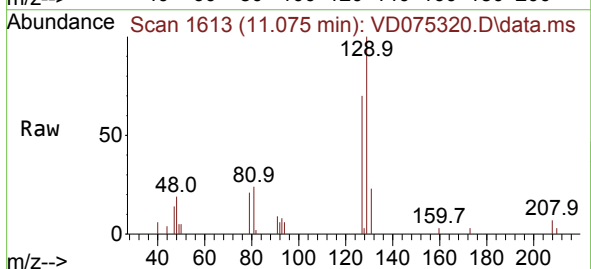
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

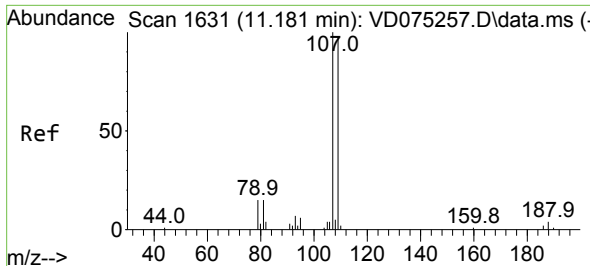
Tgt Ion: 43 Resp: 27910
Ion Ratio Lower Upper
43 100
58 49.4 26.8 80.4



#60
Dibromochloromethane
Concen: 21.326 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 129 Resp: 12153
Ion Ratio Lower Upper
129 100
127 75.2 38.9 116.6

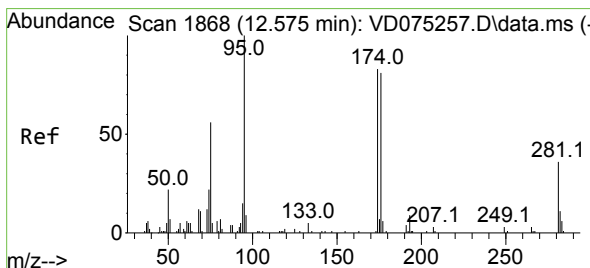
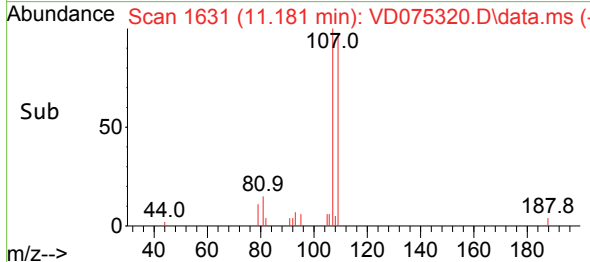
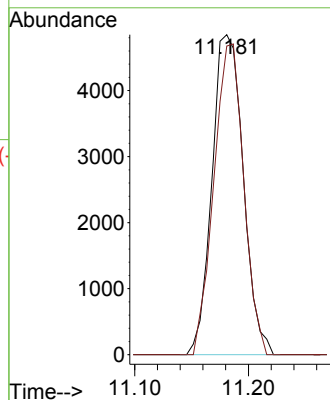
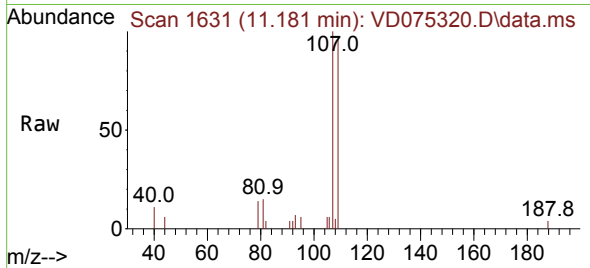




#61
1,2-Dibromoethane
Concen: 20.884 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

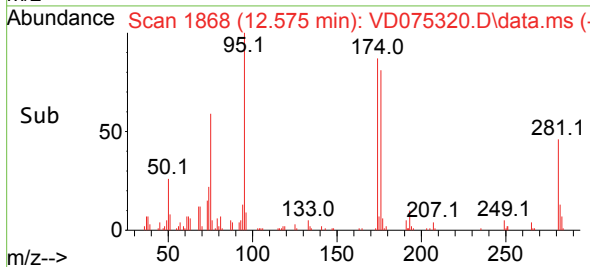
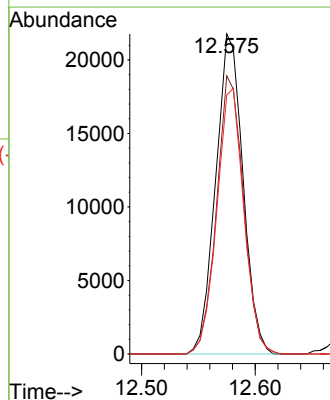
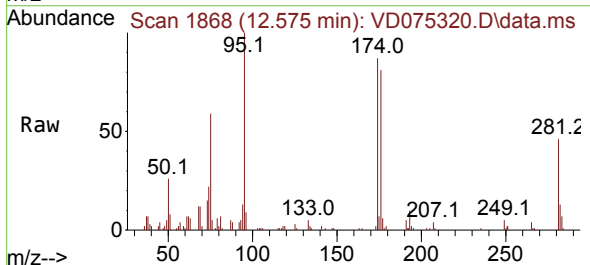
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

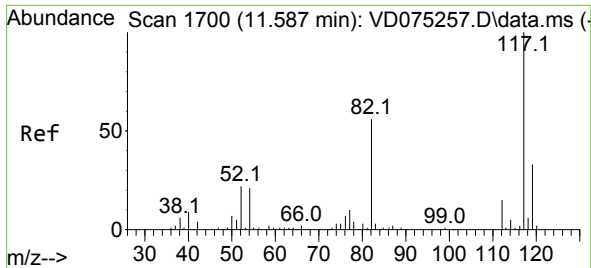
Tgt Ion:107 Resp: 9262
Ion Ratio Lower Upper
107 100
109 92.7 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.626 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 95 Resp: 36288
Ion Ratio Lower Upper
95 100
174 85.8 0.0 161.2
176 82.3 0.0 160.2

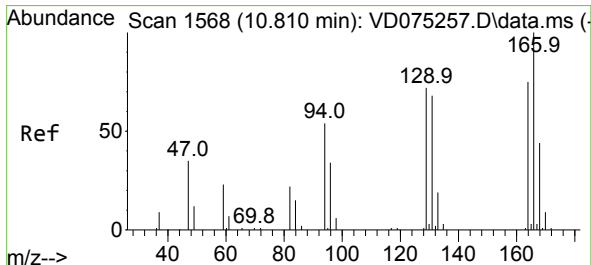
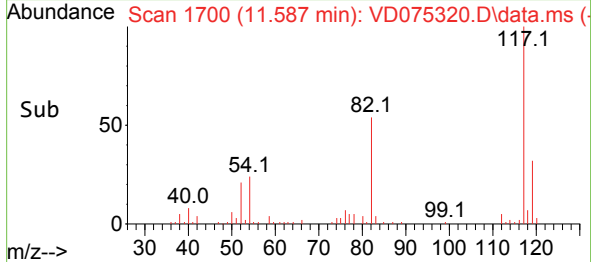
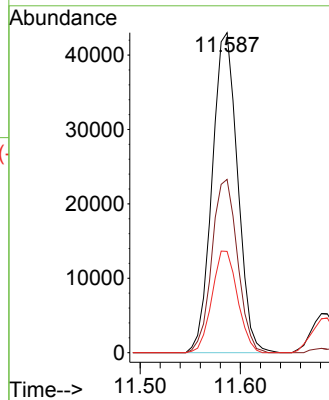
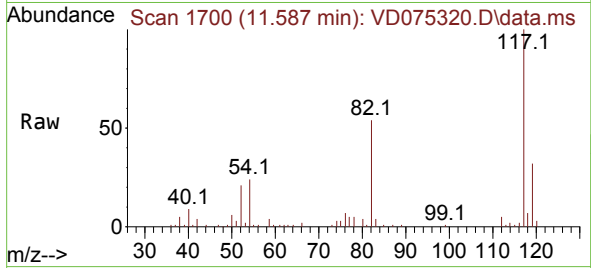




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

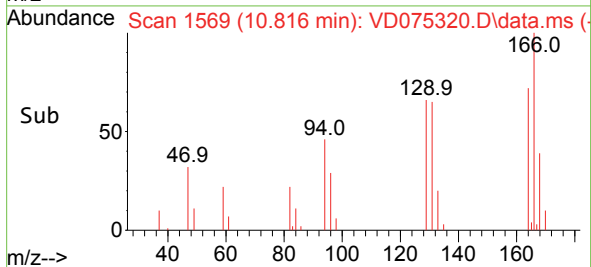
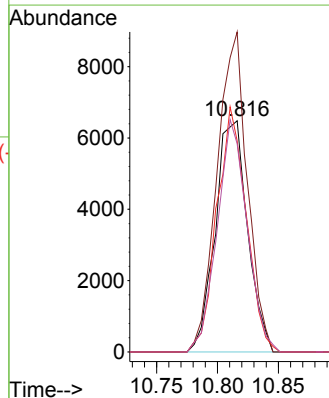
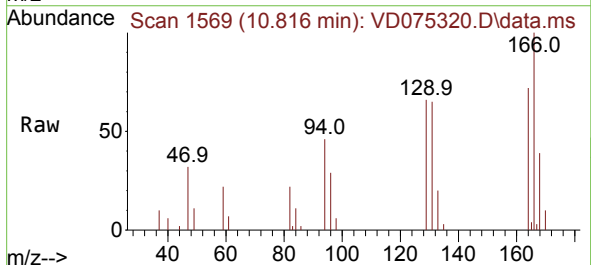
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

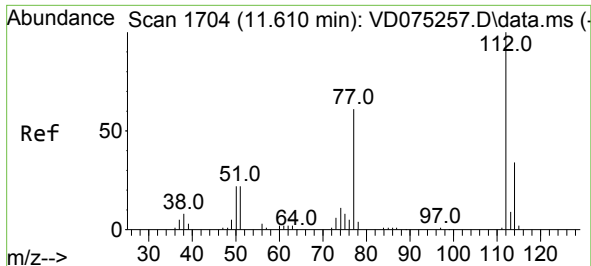
Tgt Ion:117	Resp:	75833
Ion	Ratio	Lower Upper
117	100	
82	54.2	39.6 59.4
119	31.6	24.6 37.0



#64
Tetrachloroethene
Concen: 20.431 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion:164	Resp:	11933
Ion	Ratio	Lower Upper
164	100	
166	138.4	105.3 157.9
129	91.3	76.2 114.4
131	90.0	71.3 106.9

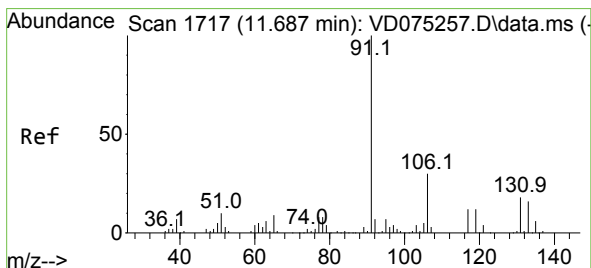
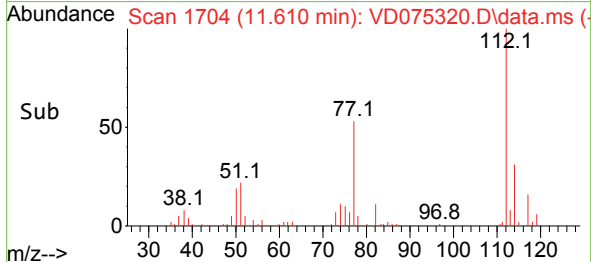
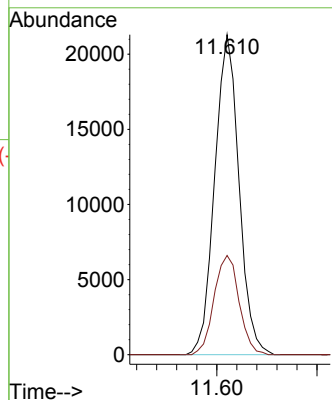
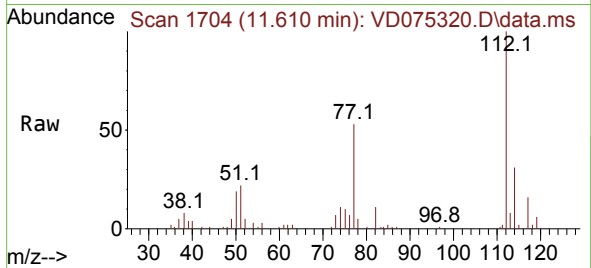




#65
Chlorobenzene
Concen: 20.929 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

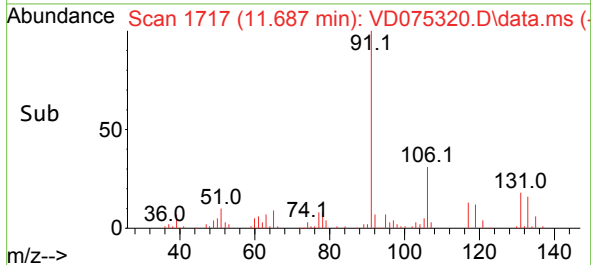
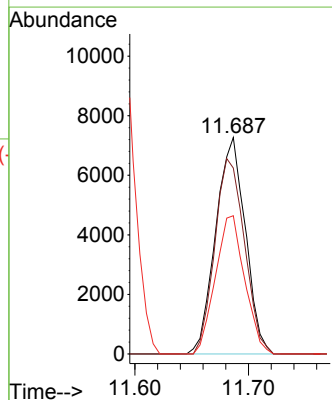
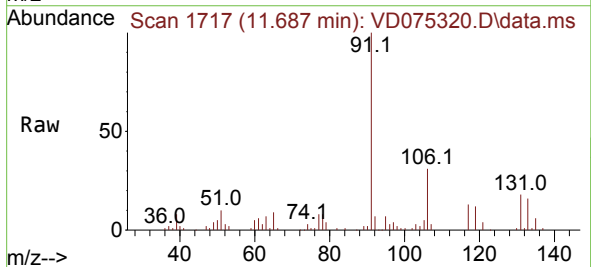
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

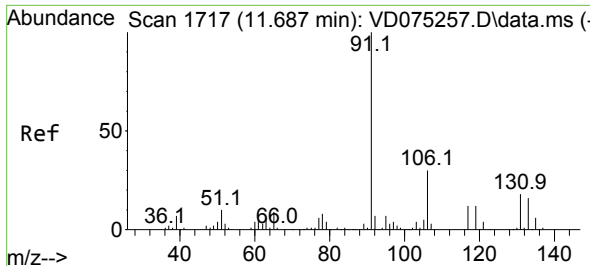
Tgt Ion:112 Resp: 35792
Ion Ratio Lower Upper
112 100
114 31.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.195 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion:131 Resp: 13197
Ion Ratio Lower Upper
131 100
133 90.4 49.0 147.2
119 63.1 34.8 104.5





#67

Ethyl Benzene

Concen: 20.243 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

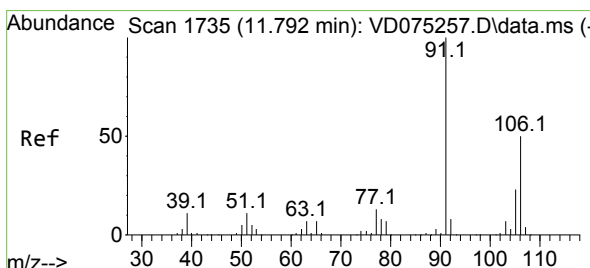
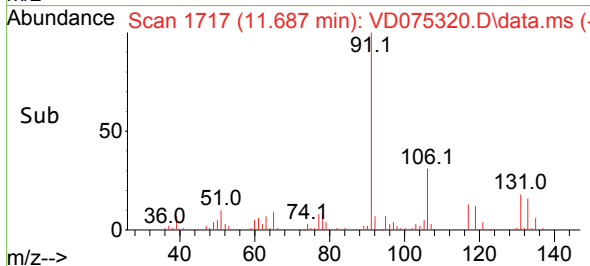
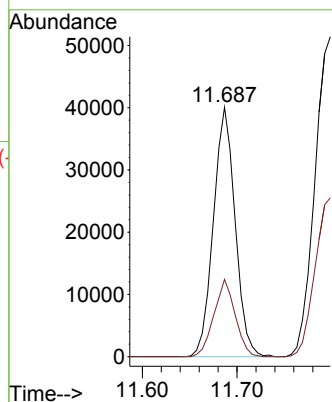
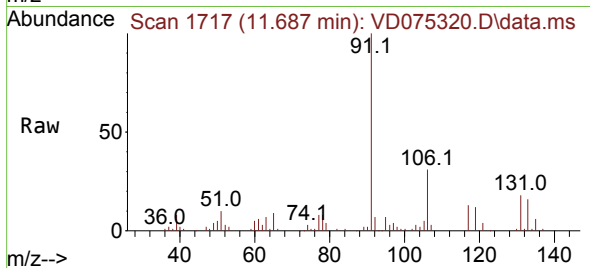
VD0213SBS01

Tgt Ion: 91 Resp: 63912

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 40.452 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD075320.D

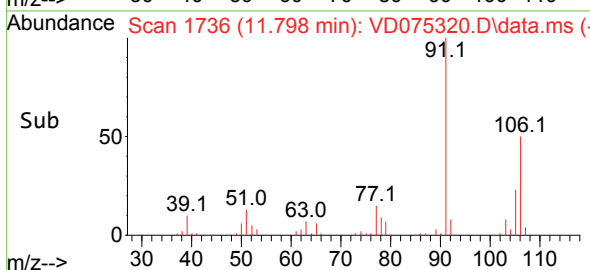
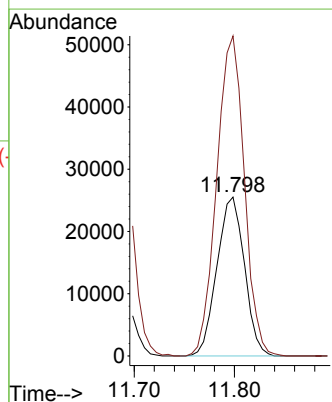
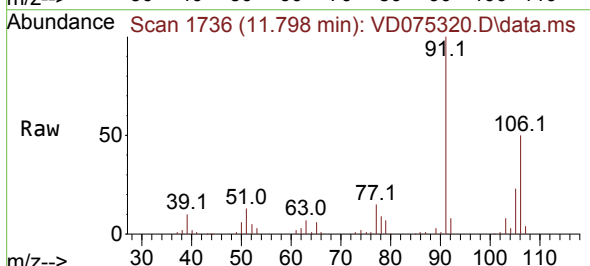
Acq: 13 Feb 2023 11:39

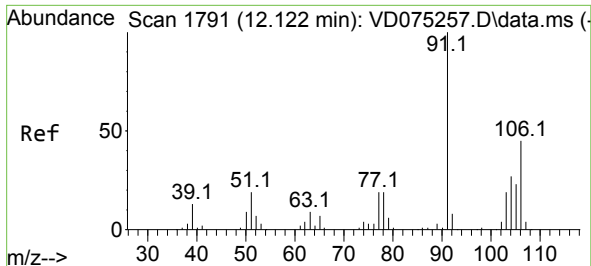
Tgt Ion:106 Resp: 48583

Ion Ratio Lower Upper

106 100

91 202.3 160.3 240.5

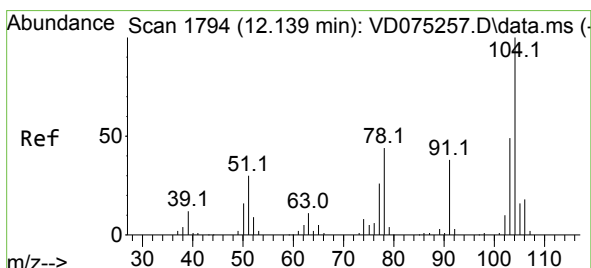
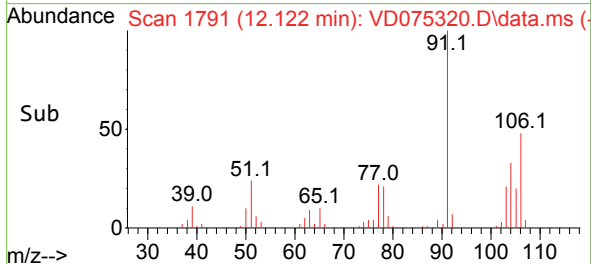
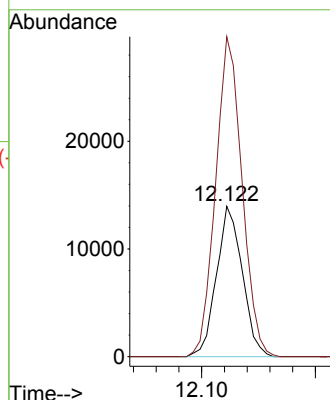
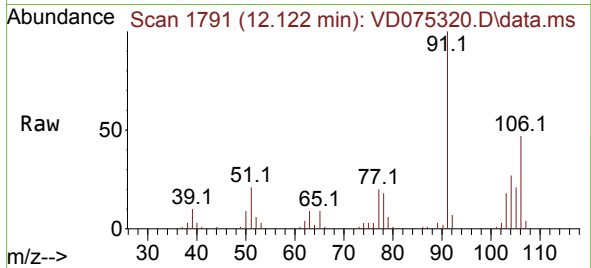




#69
o-Xylene
Concen: 19.673 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

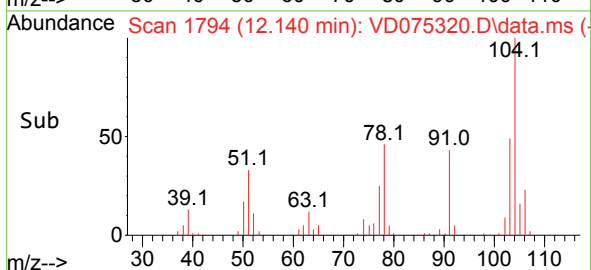
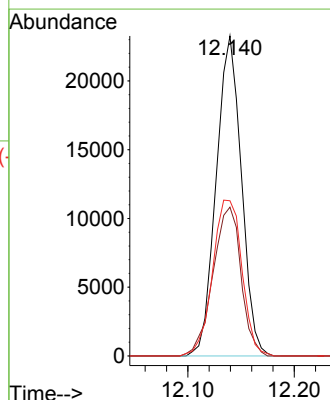
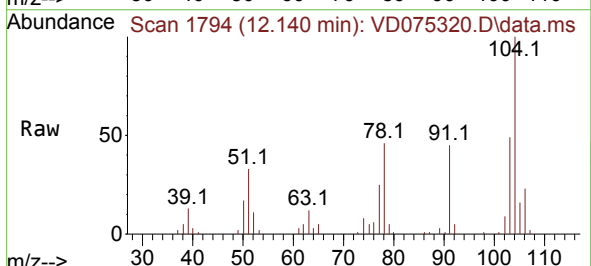
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

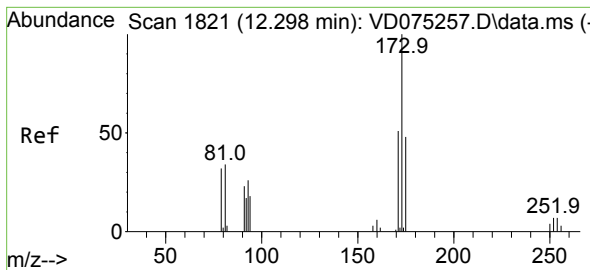
Tgt Ion:106 Resp: 22070
Ion Ratio Lower Upper
106 100
91 217.6 103.6 310.9



#70
Styrene
Concen: 20.100 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion:104 Resp: 38196
Ion Ratio Lower Upper
104 100
78 51.9 38.9 58.3
103 56.8 43.6 65.4





#71

Bromoform

Concen: 20.909 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

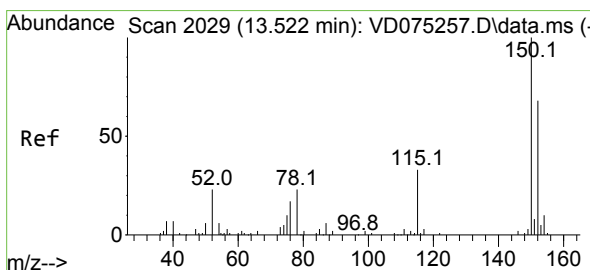
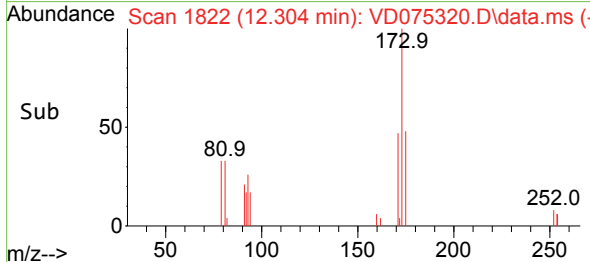
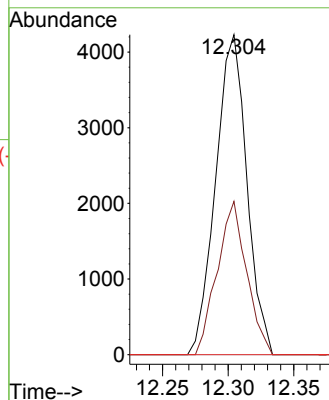
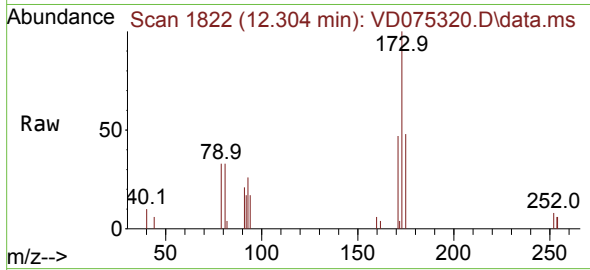
Tgt Ion:173 Resp: 6993

Ion Ratio Lower Upper

173 100

175 45.3 25.4 76.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

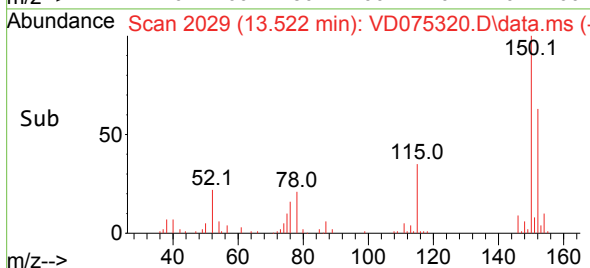
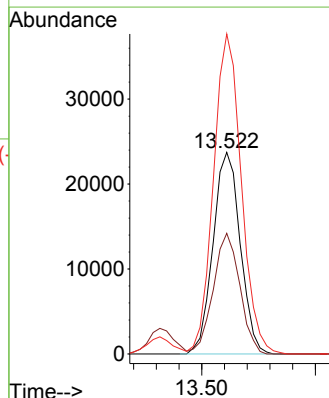
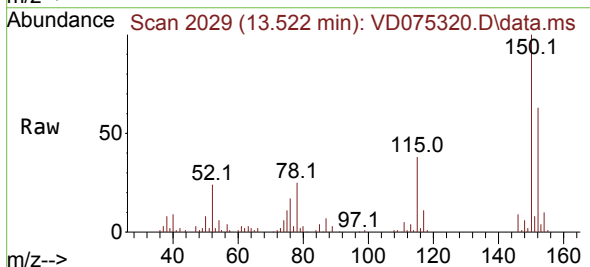
Tgt Ion:152 Resp: 39435

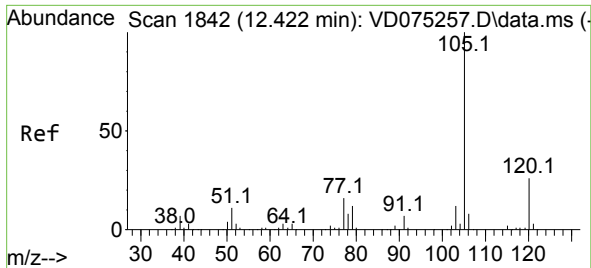
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.4

150 162.5 0.0 348.6

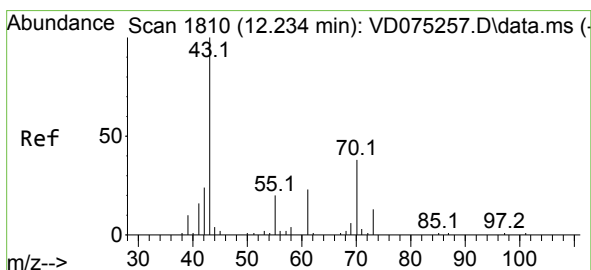
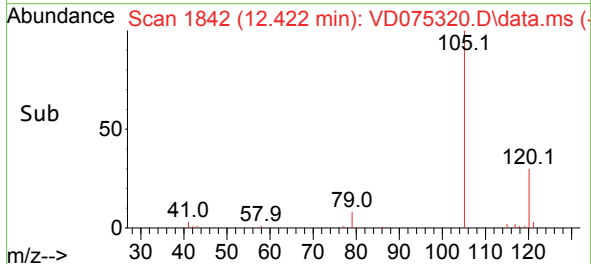
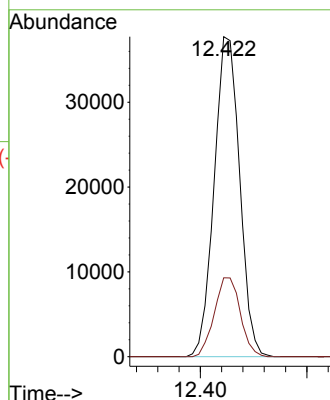
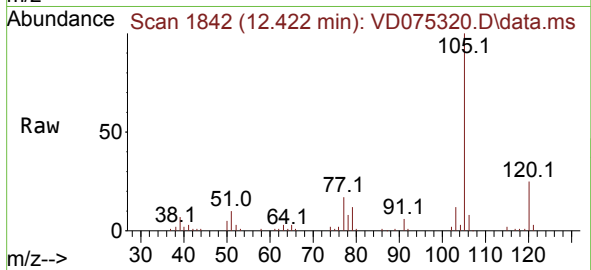




#73
Isopropylbenzene
Concen: 19.563 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

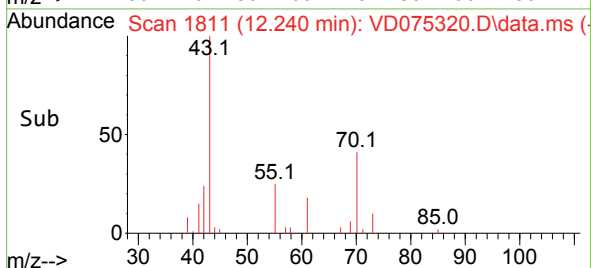
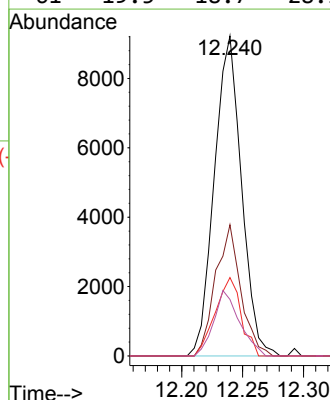
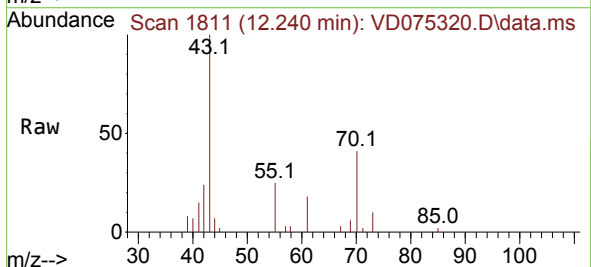
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

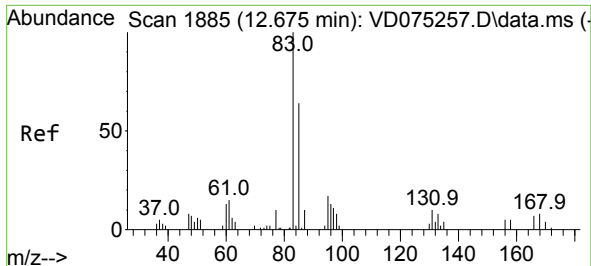
Tgt Ion:105 Resp: 62497
Ion Ratio Lower Upper
105 100
120 25.1 13.7 41.1



#74
N-ethyl acetate
Concen: 19.943 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 43 Resp: 14317
Ion Ratio Lower Upper
43 100
70 38.2 32.6 49.0
55 23.3 17.8 26.8
61 19.5 18.7 28.1

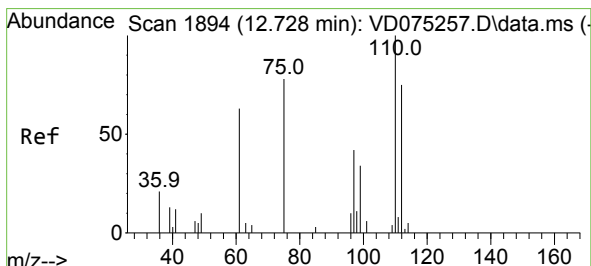
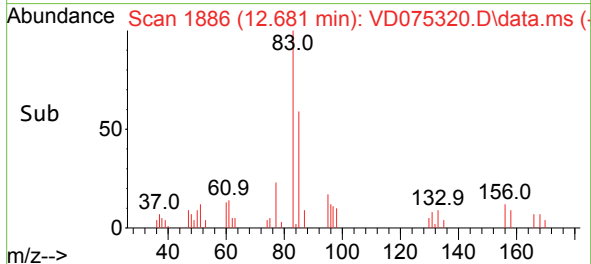
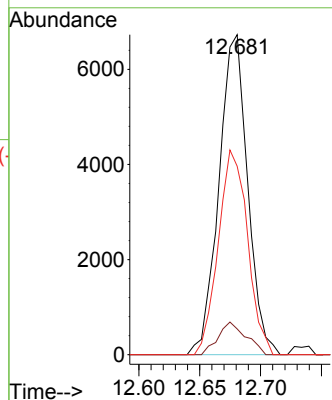
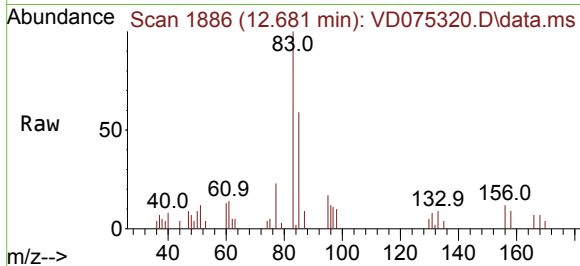




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.886 ug/l
 RT: 12.681 min Scan# 1886
 Delta R.T. 0.006 min
 Lab File: VD075320.D
 Acq: 13 Feb 2023 11:39

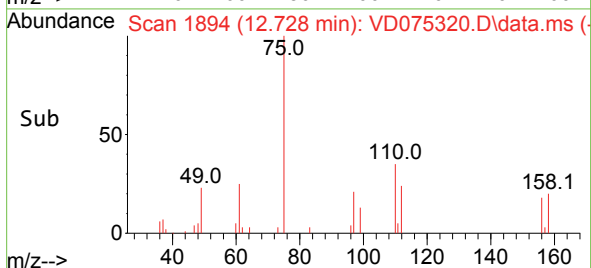
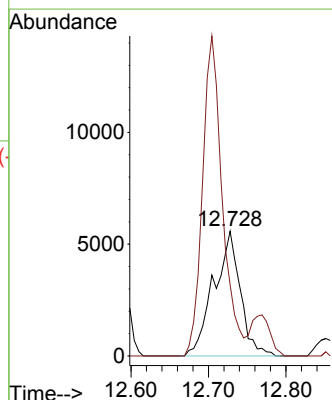
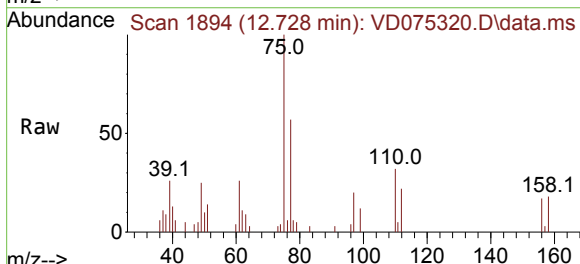
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBSD01

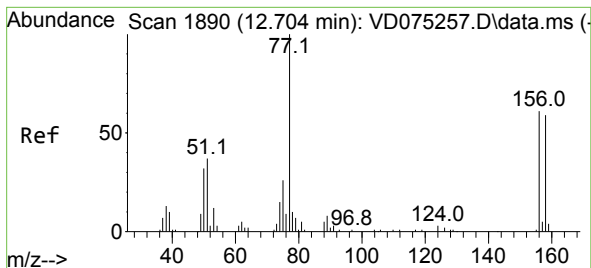
Tgt Ion: 83 Resp: 11053
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.9 14.6
 85 65.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 29.632 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD075320.D
 Acq: 13 Feb 2023 11:39

Tgt Ion: 75 Resp: 13273
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.668 ug/l

RT: 12.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBSD01

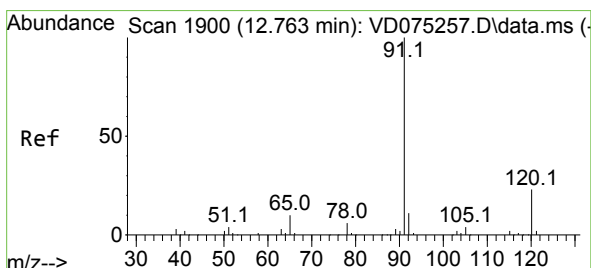
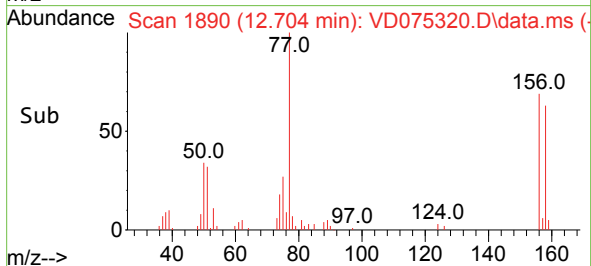
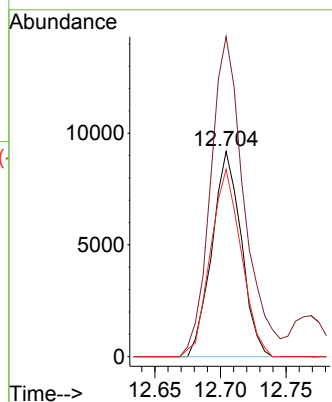
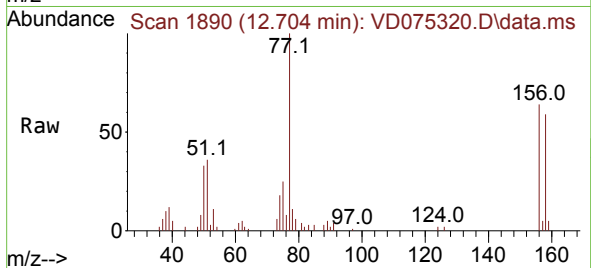
Tgt Ion:156 Resp: 14228

Ion Ratio Lower Upper

156 100

77 178.8 85.6 256.8

158 96.4 47.3 141.9



#78

n-propylbenzene

Concen: 19.488 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VD075320.D

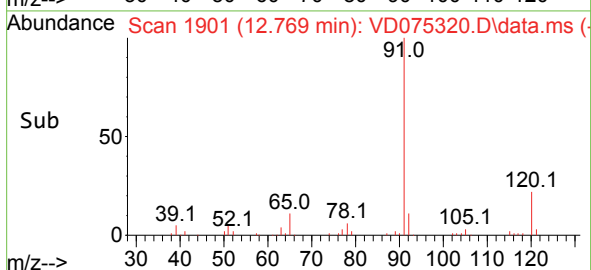
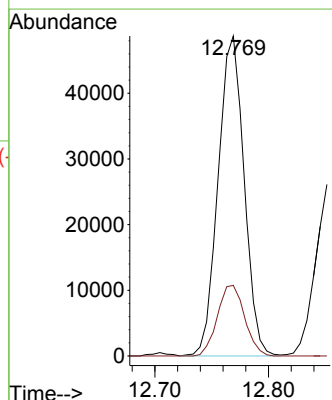
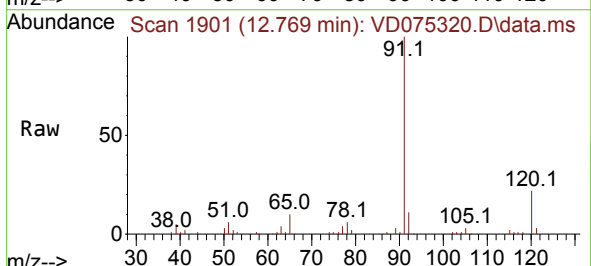
Acq: 13 Feb 2023 11:39

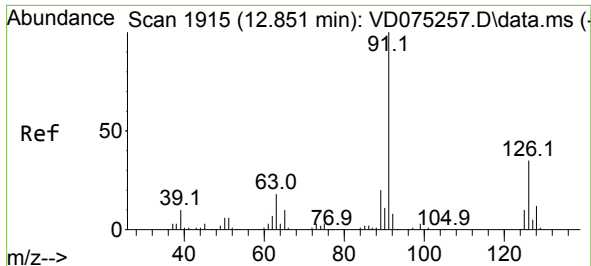
Tgt Ion: 91 Resp: 77469

Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.0

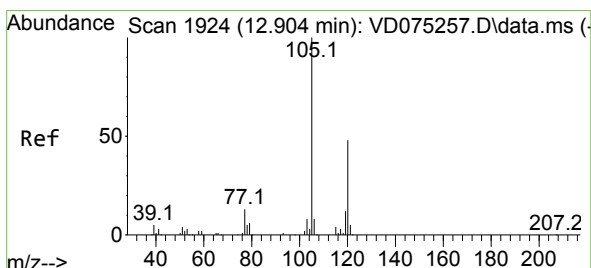
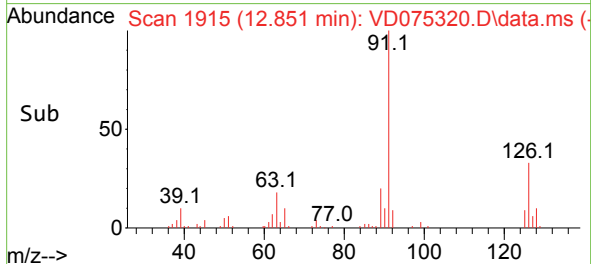
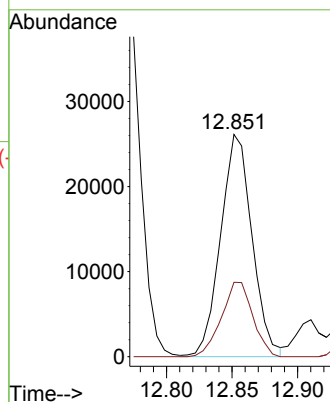
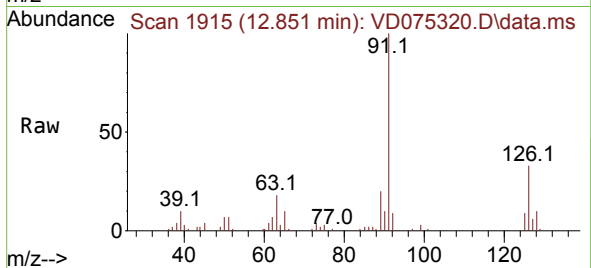




#79
2-Chlorotoluene
Concen: 20.011 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

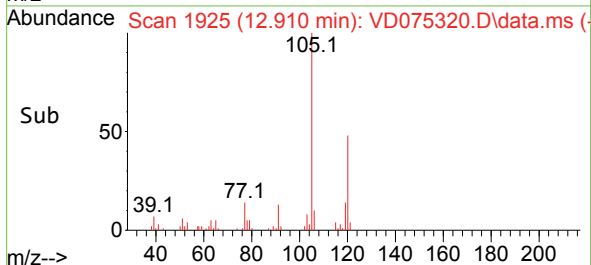
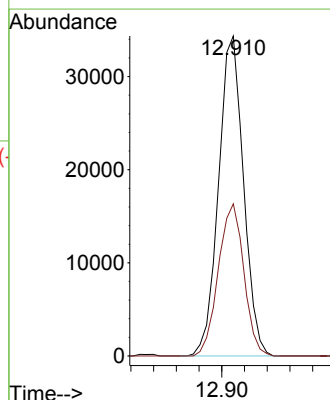
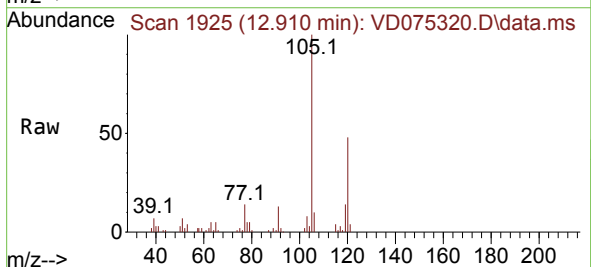
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

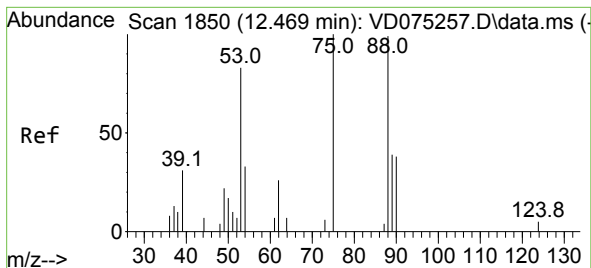
Tgt Ion: 91 Resp: 43632
Ion Ratio Lower Upper
91 100
126 33.3 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.690 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 105 Resp: 52375
Ion Ratio Lower Upper
105 100
120 48.6 24.6 73.8

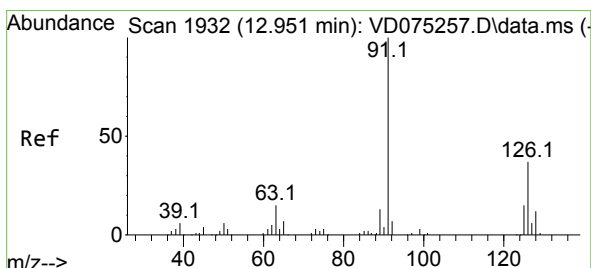
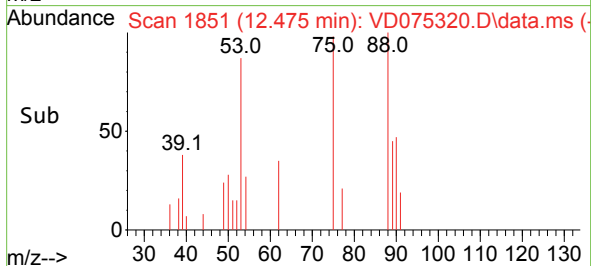
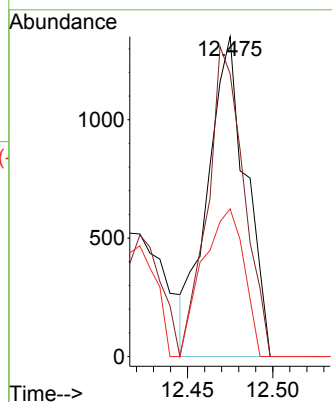
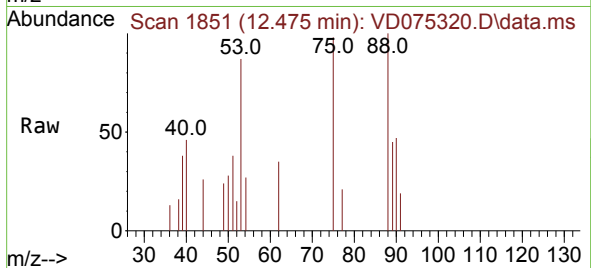




#81
trans-1,4-Dichloro-2-butene
Concen: 16.814 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

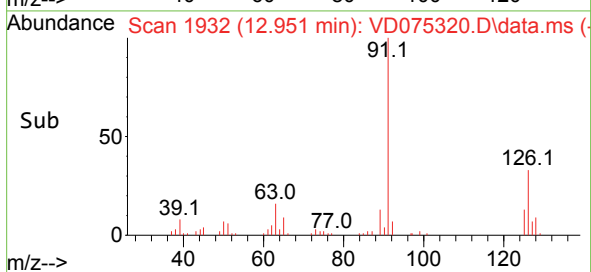
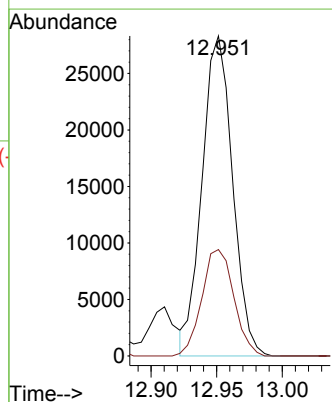
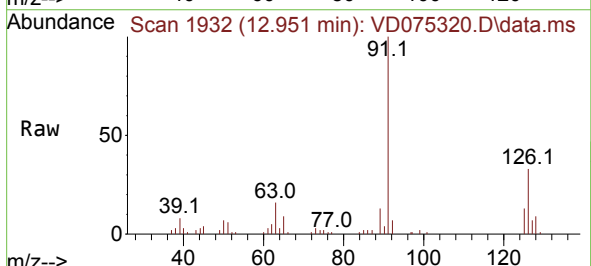
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

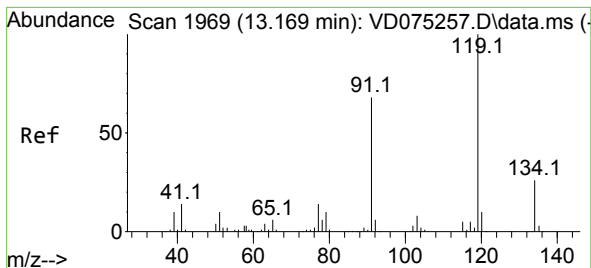
Tgt Ion: 75 Resp: 2120
Ion Ratio Lower Upper
75 100
53 91.2 70.5 105.7
89 49.6 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.154 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 91 Resp: 45841
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0





#83

tert-Butylbenzene

Concen: 18.899 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBSD01

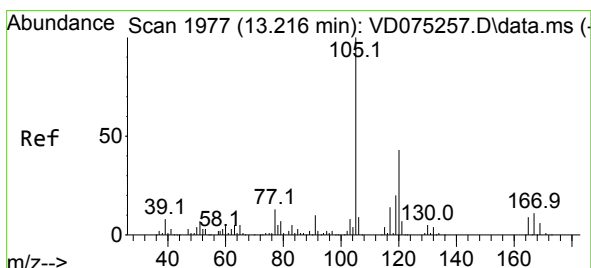
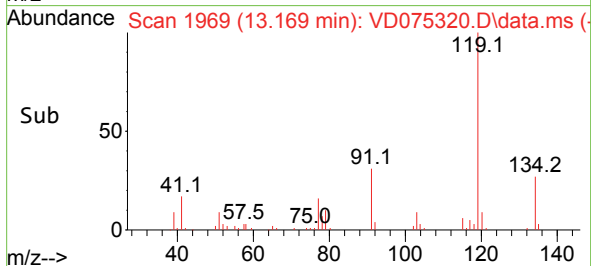
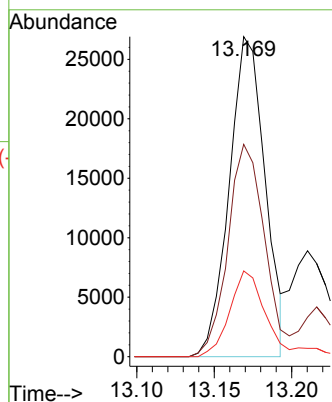
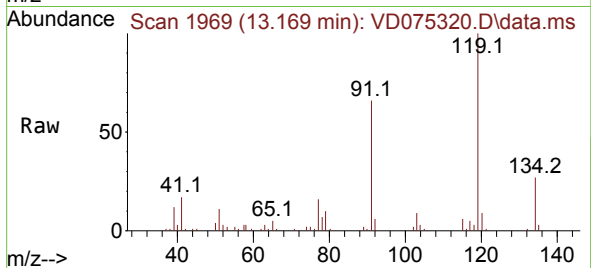
Tgt Ion:119 Resp: 43340

Ion Ratio Lower Upper

119 100

91 68.0 32.9 98.6

134 28.1 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 19.556 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075320.D

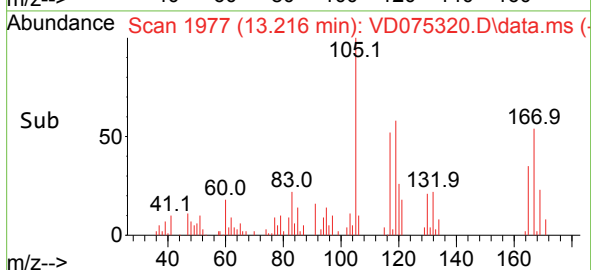
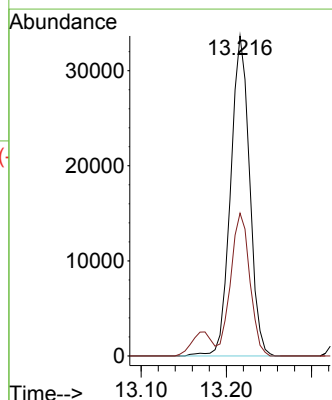
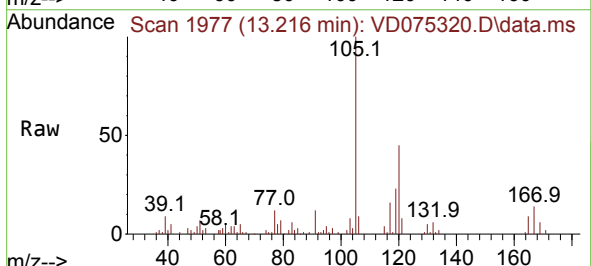
Acq: 13 Feb 2023 11:39

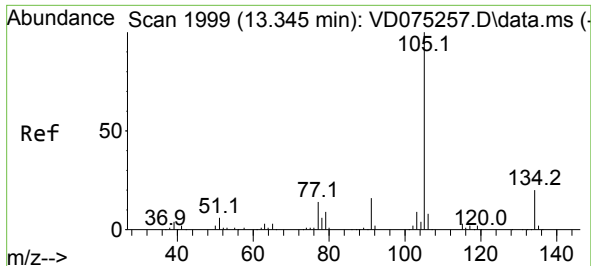
Tgt Ion:105 Resp: 51955

Ion Ratio Lower Upper

105 100

120 45.1 23.2 69.5

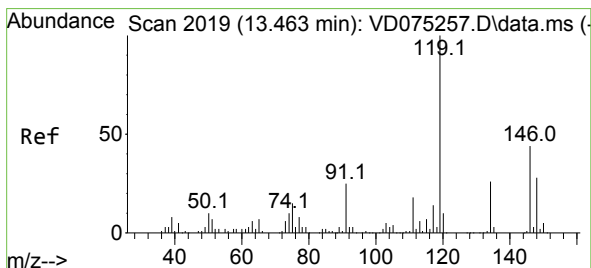
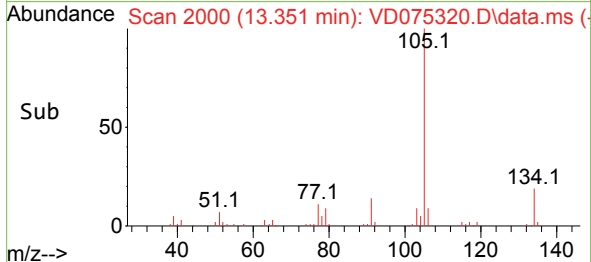
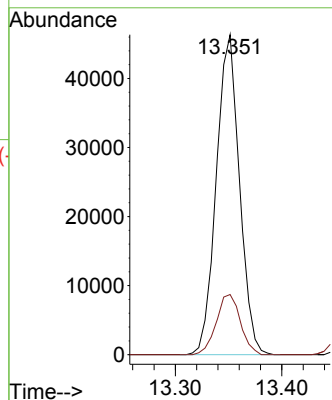
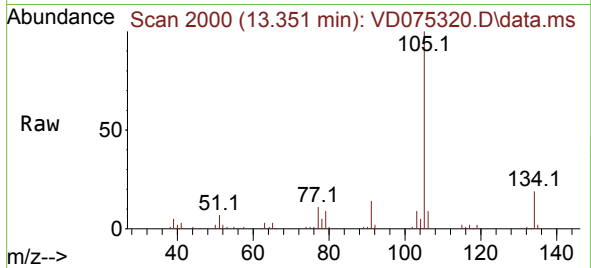




#85
 sec-Butylbenzene
 Concen: 19.875 ug/l
 RT: 13.351 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD075320.D
 Acq: 13 Feb 2023 11:39

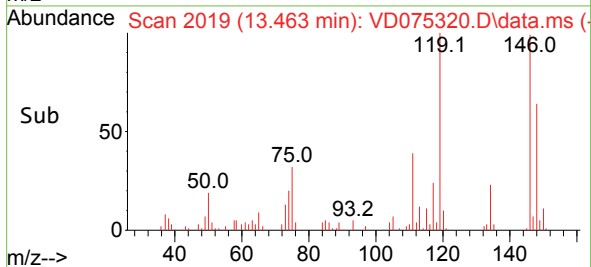
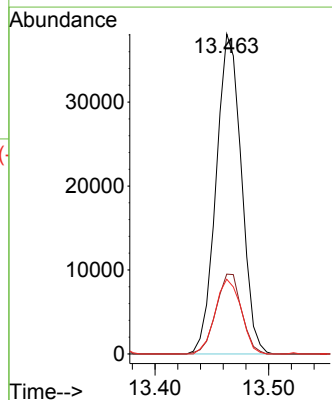
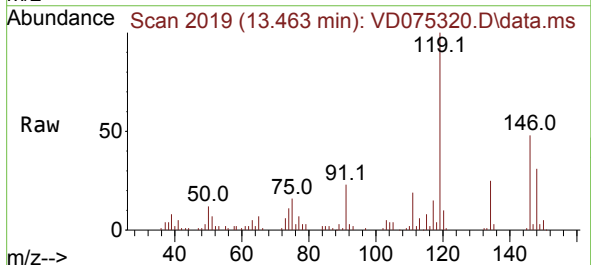
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBSD01

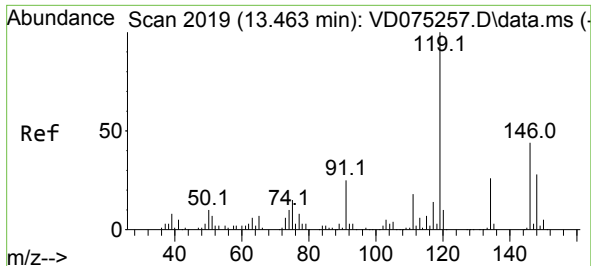
Tgt Ion:105 Resp: 69922
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.411 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075320.D
 Acq: 13 Feb 2023 11:39

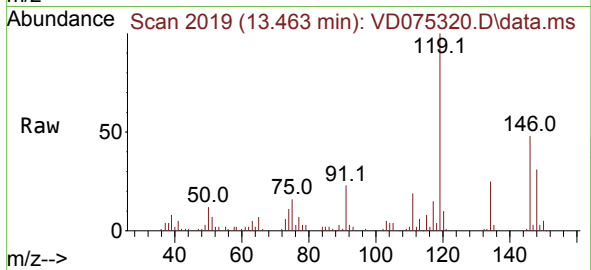
Tgt Ion:119 Resp: 58738
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 24.1 11.9 35.5



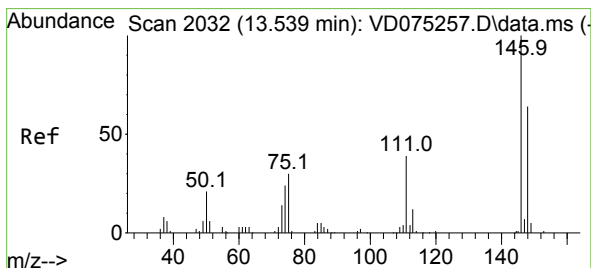
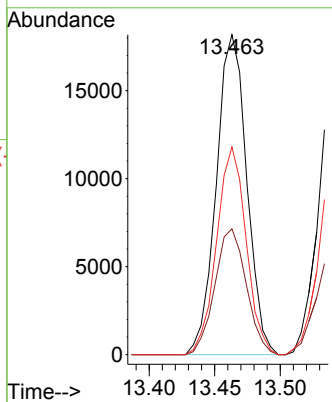
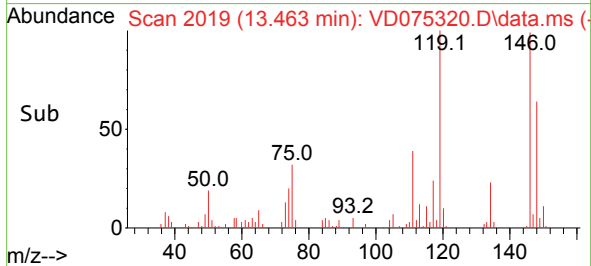


#87
 1,3-Dichlorobenzene
 Concen: 20.100 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075320.D
 Acq: 13 Feb 2023 11:39

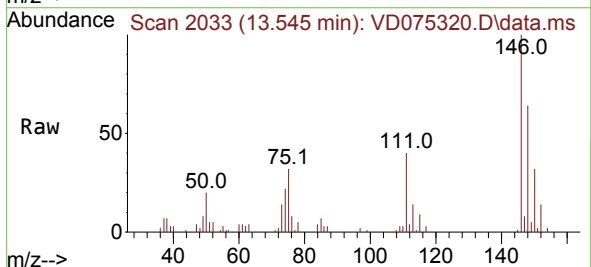
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBSD01



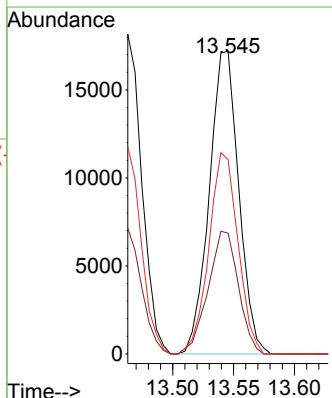
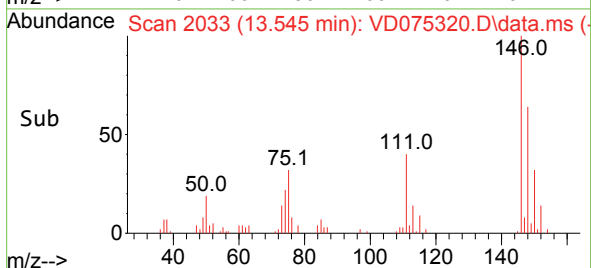
Tgt Ion:146 Resp: 29389
 Ion Ratio Lower Upper
 146 100
 111 40.7 18.9 56.9
 148 62.9 31.1 93.3

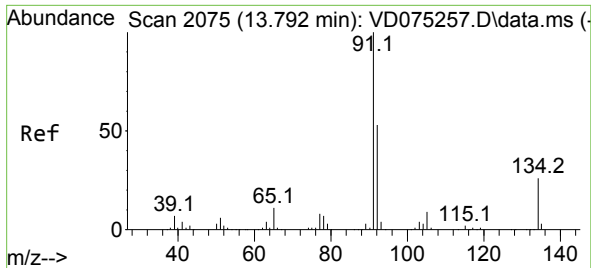


#88
 1,4-Dichlorobenzene
 Concen: 19.818 ug/l
 RT: 13.545 min Scan# 2033
 Delta R.T. 0.006 min
 Lab File: VD075320.D
 Acq: 13 Feb 2023 11:39



Tgt Ion:146 Resp: 28995
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.7 59.1
 148 65.5 31.9 95.5

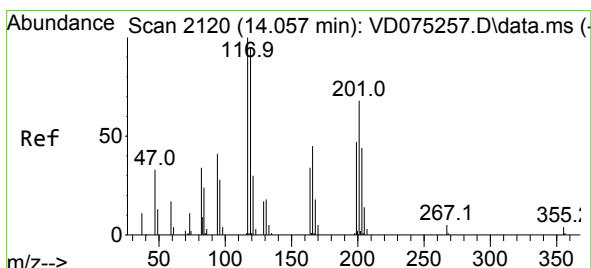
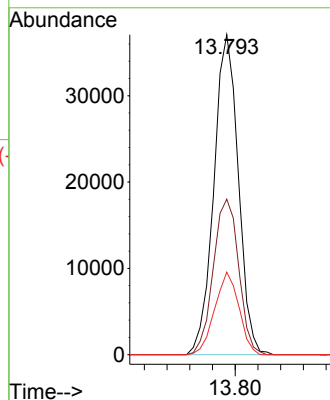
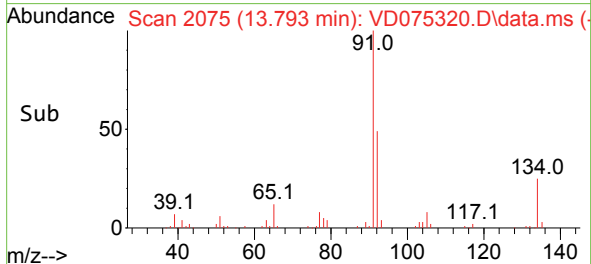
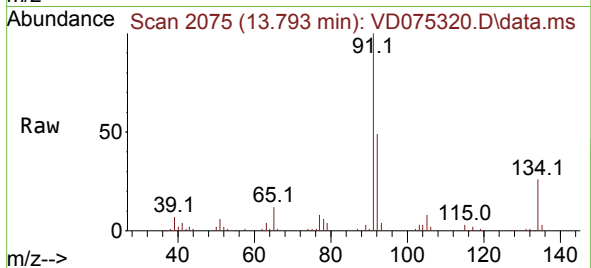




#89
n-Butylbenzene
Concen: 19.738 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.001 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

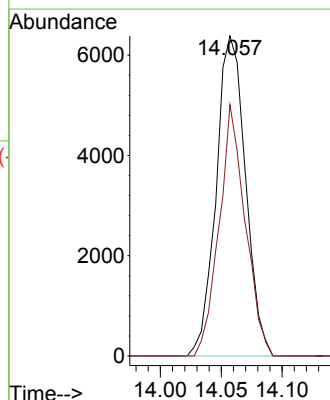
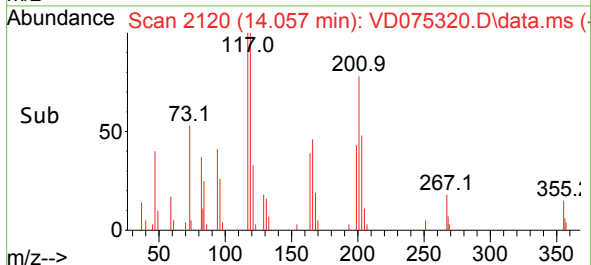
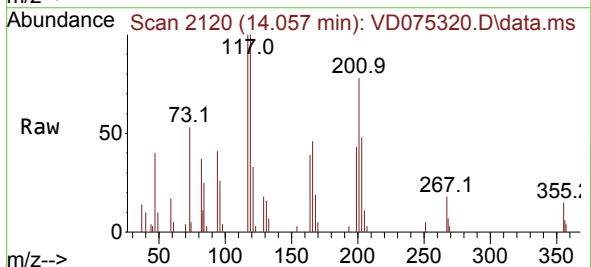
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBSD01

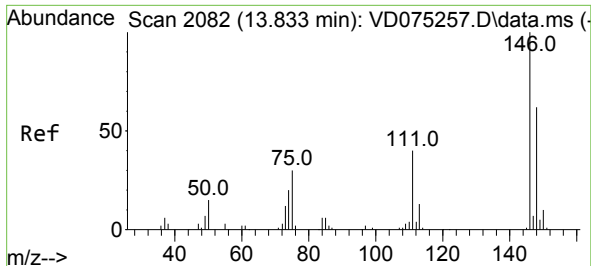
Tgt Ion: 91	Resp:	55456
Ion Ratio	Lower	Upper
91	100	
92	50.5	26.8 80.3
134	25.5	13.3 39.8



#90
Hexachloroethane
Concen: 18.877 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion: 117	Resp:	10710
Ion Ratio	Lower	Upper
117	100	
201	69.9	35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 19.960 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.001 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBSD01

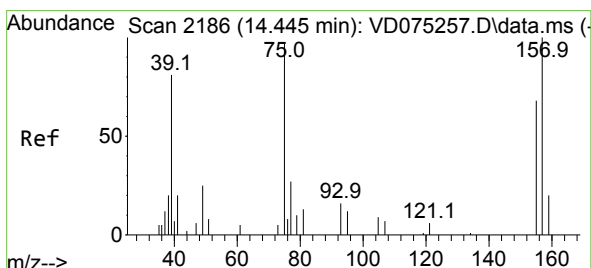
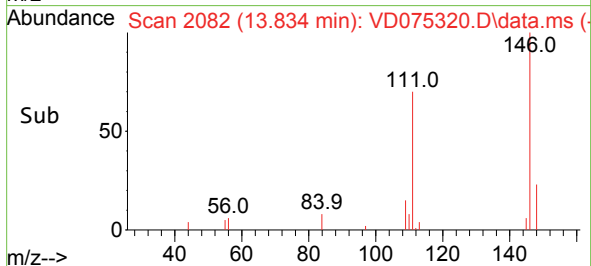
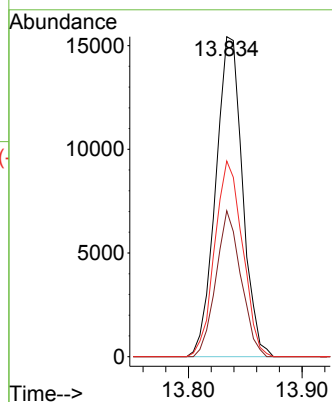
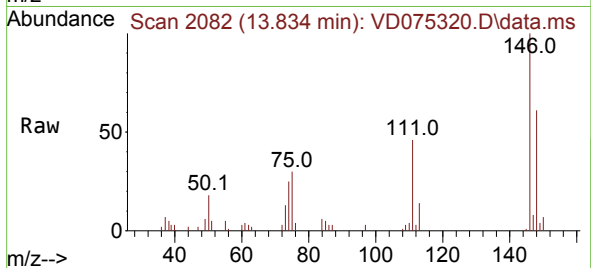
Tgt Ion:146 Resp: 25323

Ion Ratio Lower Upper

146 100

111 42.5 20.4 61.2

148 63.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.149 ug/l

RT: 14.457 min Scan# 2188

Delta R.T. 0.012 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

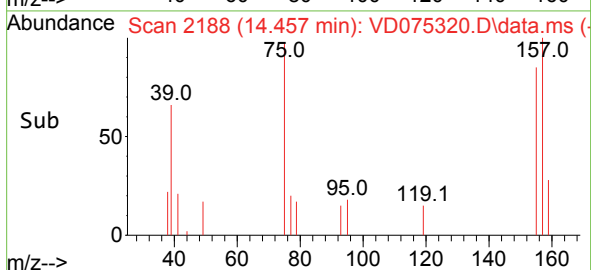
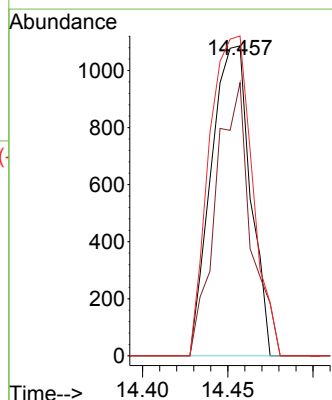
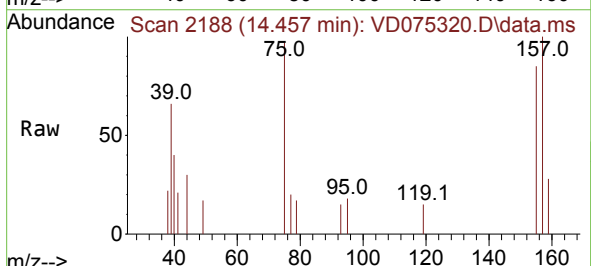
Tgt Ion: 75 Resp: 1737

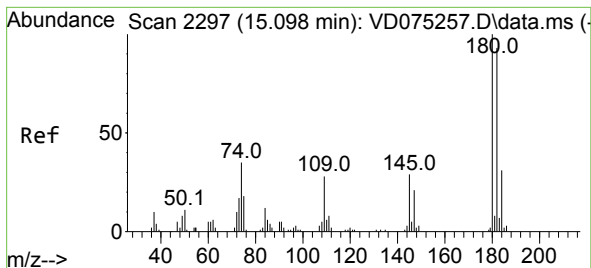
Ion Ratio Lower Upper

75 100

155 78.9 43.4 130.2

157 113.5 56.4 169.2





#93

1,2,4-Trichlorobenzene

Concen: 19.404 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBS01

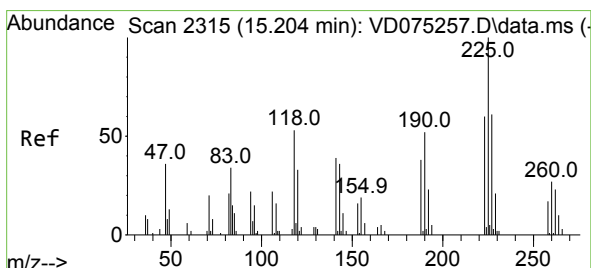
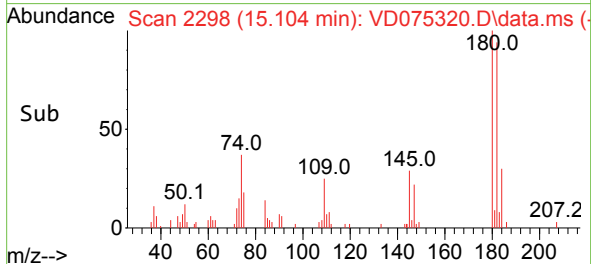
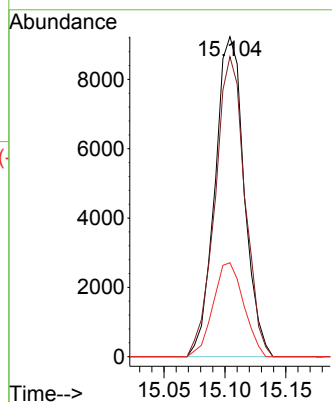
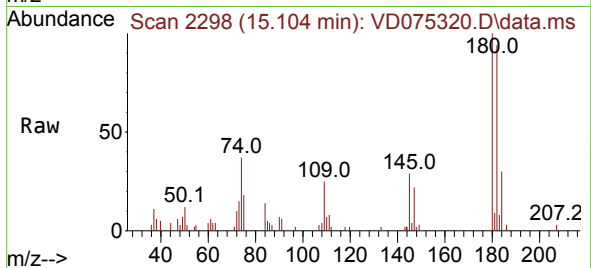
Tgt Ion:180 Resp: 15418

Ion Ratio Lower Upper

180 100

182 95.3 46.2 138.6

145 30.7 15.8 47.4



#94

Hexachlorobutadiene

Concen: 20.109 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075320.D

Acq: 13 Feb 2023 11:39

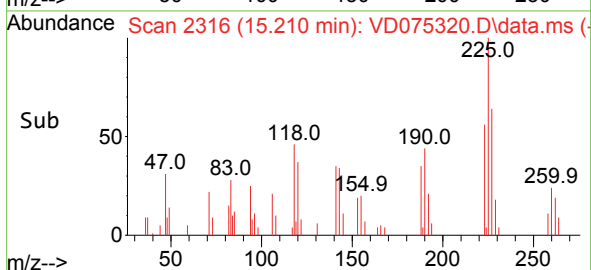
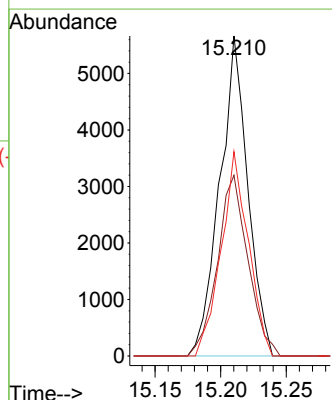
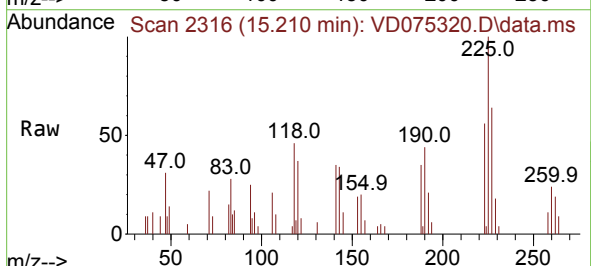
Tgt Ion:225 Resp: 8430

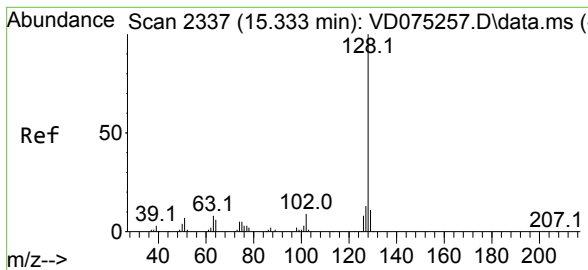
Ion Ratio Lower Upper

225 100

223 61.5 31.8 95.4

227 62.1 30.7 92.1

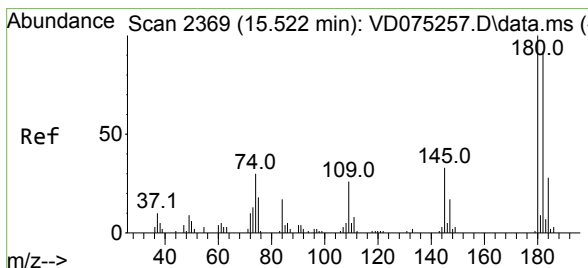
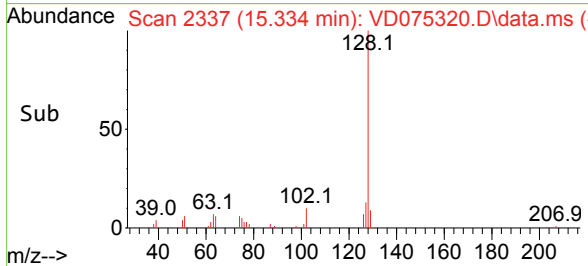
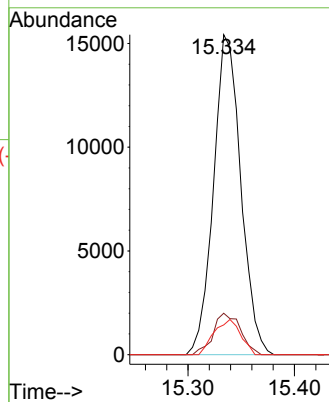
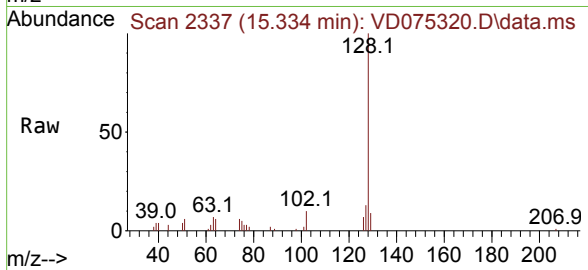




#95
Naphthalene
Concen: 18.553 ug/l
RT: 15.334 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

Tgt Ion:	128	Resp:	27438
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.181 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075320.D
Acq: 13 Feb 2023 11:39

Tgt Ion:	180	Resp:	13150
Ion Ratio	Lower	Upper	
180	100		
182	98.6	47.0	141.0
145	34.0	16.1	48.3

