

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078220.D
 Acq On : 24 Jan 2024 13:27
 Operator : RP/MD
 Sample : VD0124SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBS01

Quant Time: Jan 25 00:26:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	129056	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	242381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	218125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76493	51.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.840%	
35) Dibromofluoromethane	7.810	113	80229	50.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.580%	
50) Toluene-d8	10.269	98	316733	50.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.575	95	90326	49.311	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37992	27.868	ug/l	99
3) Chloromethane	2.152	50	51597	22.135	ug/l	95
4) Vinyl Chloride	2.287	62	69398	22.677	ug/l	99
5) Bromomethane	2.687	94	48396	21.670	ug/l	94
6) Chloroethane	2.840	64	45883	21.464	ug/l	99
7) Trichlorofluoromethane	3.181	101	64037	23.005	ug/l	95
8) Diethyl Ether	3.599	74	15898	20.602	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.981	101	37657	23.357	ug/l	94
10) Methyl Iodide	4.169	142	35203	21.782	ug/l	93
11) Tert butyl alcohol	5.052	59	7491	103.279	ug/l	# 92
12) 1,1-Dichloroethene	3.946	96	35735	22.375	ug/l	91
13) Acrolein	3.811	56	16829	101.072	ug/l	95
14) Allyl chloride	4.569	41	44735	21.235	ug/l	91
15) Acrylonitrile	5.263	53	35656	102.972	ug/l	97
16) Acetone	4.022	43	50736	127.581	ug/l	88
17) Carbon Disulfide	4.281	76	108136	20.880	ug/l	96
18) Methyl Acetate	4.569	43	26132	20.616	ug/l	# 88
19) Methyl tert-butyl Ether	5.316	73	67284	20.203	ug/l	97
20) Methylene Chloride	4.811	84	43641	21.947	ug/l	88
21) trans-1,2-Dichloroethene	5.322	96	39954	21.649	ug/l	94
22) Diisopropyl ether	6.222	45	95378	21.396	ug/l	96
23) Vinyl Acetate	6.163	43	230411	104.909	ug/l	# 90
24) 1,1-Dichloroethane	6.111	63	65397	21.231	ug/l	92
25) 2-Butanone	7.087	43	57074	117.498	ug/l	# 78
26) 2,2-Dichloropropane	7.081	77	55165	21.379	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	41201	20.783	ug/l	89
28) Bromochloromethane	7.428	49	25317	21.073	ug/l	# 71
29) Tetrahydrofuran	7.452	42	25470	104.790	ug/l	# 86
30) Chloroform	7.599	83	70699	22.569	ug/l	95
31) Cyclohexane	7.881	56	60059	22.048	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	58923	21.775	ug/l	98
36) 1,1-Dichloropropene	8.010	75	54592	20.811	ug/l	94
37) Ethyl Acetate	7.175	43	20651	21.147	ug/l	# 71
38) Carbon Tetrachloride	7.999	117	52482	20.257	ug/l	92
39) Methylcyclohexane	9.281	83	64452	20.776	ug/l	96
40) Benzene	8.257	78	156099	20.969	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	12457	23.231	ug/l #	85
42) 1,2-Dichloroethane	8.334	62	39501	20.394	ug/l	96
43) Isopropyl Acetate	8.363	43	34331	19.189	ug/l #	92
44) Trichloroethene	9.028	130	37628	19.758	ug/l	94
45) 1,2-Dichloropropane	9.310	63	37360	20.225	ug/l	96
46) Dibromomethane	9.399	93	19304	19.029	ug/l	88
47) Bromodichloromethane	9.587	83	50476	19.808	ug/l	95
48) Methyl methacrylate	9.381	41	20671	19.956	ug/l #	82
49) 1,4-Dioxane	9.387	88	3938	401.192	ug/l #	81
51) 4-Methyl-2-Pentanone	10.163	43	91127	96.927	ug/l	88
52) Toluene	10.334	92	97565	20.677	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	43912	18.679	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	56184	19.936	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	26759	19.713	ug/l	98
56) Ethyl methacrylate	10.599	69	21894	19.704	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	45800	19.730	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	65909	98.979	ug/l	92
59) 2-Hexanone	10.922	43	81574	106.773	ug/l	85
60) Dibromochloromethane	11.075	129	30943	19.335	ug/l	96
61) 1,2-Dibromoethane	11.181	107	25551	20.421	ug/l	94
64) Tetrachloroethene	10.810	164	28809	20.199	ug/l	94
65) Chlorobenzene	11.610	112	97896	20.317	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	35903	20.850	ug/l	94
67) Ethyl Benzene	11.687	91	178078	20.309	ug/l	96
68) m/p-Xylenes	11.793	106	135795	40.549	ug/l	90
69) o-Xylene	12.122	106	59677	19.635	ug/l	85
70) Styrene	12.134	104	94369	20.721	ug/l	96
71) Bromoform	12.298	173	15919	18.668	ug/l #	100
73) Isopropylbenzene	12.422	105	163531	21.828	ug/l	97
74) N-amyl acetate	12.234	43	31501	21.978	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	30865	22.141	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	36363	39.790	ug/l #	100
77) Bromobenzene	12.704	156	34547	21.033	ug/l	81
78) n-propylbenzene	12.763	91	211625	22.776	ug/l	93
79) 2-Chlorotoluene	12.851	91	109576	22.099	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	137658	22.160	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	9064	21.364	ug/l	94
82) 4-Chlorotoluene	12.945	91	117468	22.474	ug/l	91
83) tert-Butylbenzene	13.169	119	114939	22.134	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	139582	22.218	ug/l	91
85) sec-Butylbenzene	13.345	105	174694	22.217	ug/l	93
86) p-Isopropyltoluene	13.463	119	150444	21.987	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	72941	21.448	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	73713	21.940	ug/l	97
89) n-Butylbenzene	13.787	91	147274	22.110	ug/l	98
90) Hexachloroethane	14.051	117	30071	22.404	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	61657	21.561	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4177	20.967	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	37524	21.228	ug/l	95
94) Hexachlorobutadiene	15.204	225	18530	21.693	ug/l	97
95) Naphthalene	15.328	128	67053	20.288	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31386	21.162	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0124SBSD01

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Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

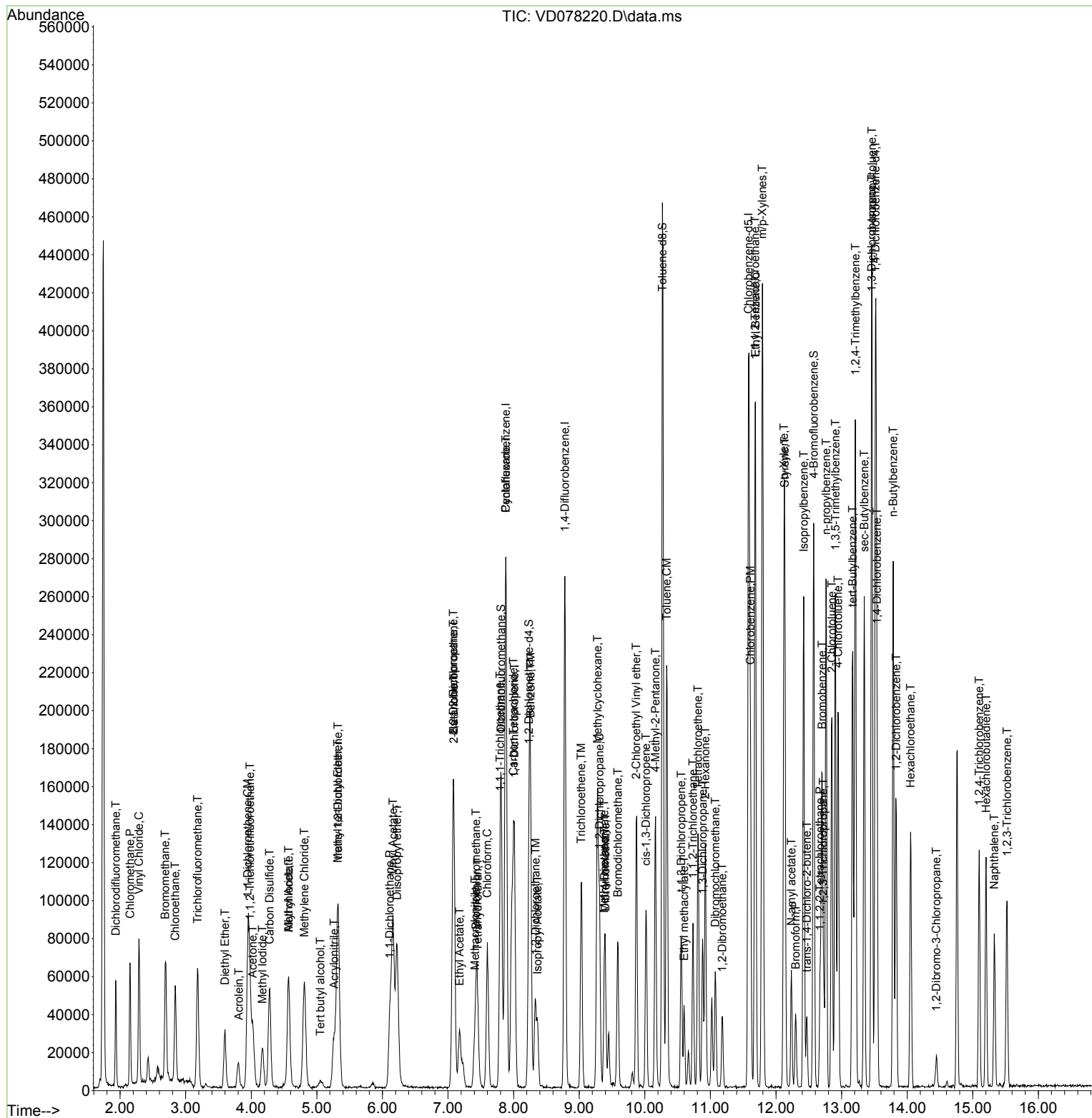
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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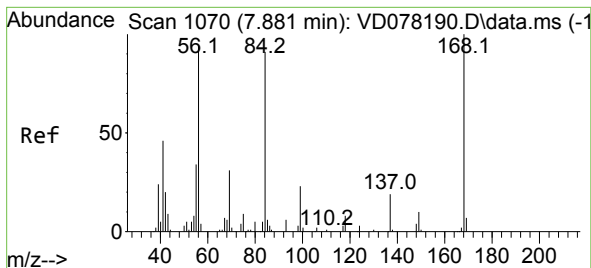
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VD078220.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

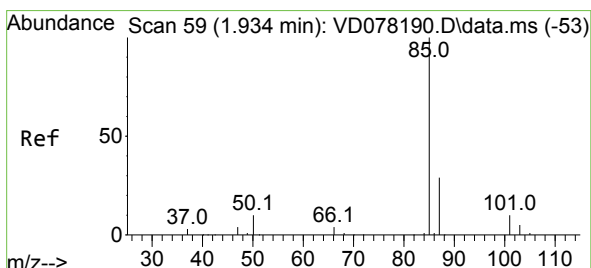
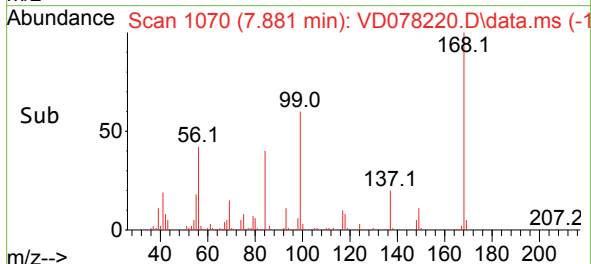
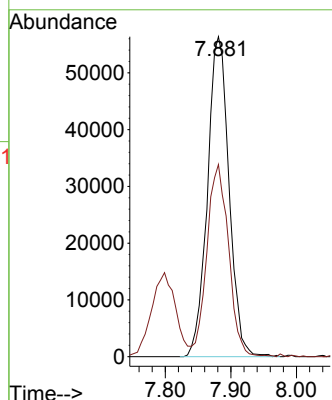
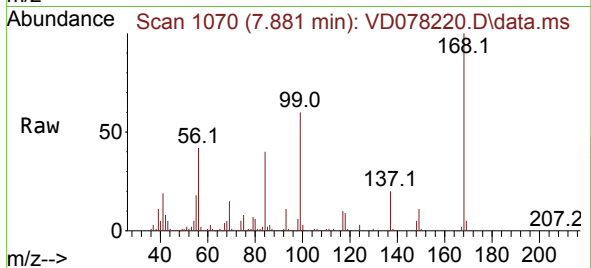
VD0124SBS01

Tgt Ion:168 Resp: 129056

Ion Ratio Lower Upper

168 100

99 59.2 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 27.868 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078220.D

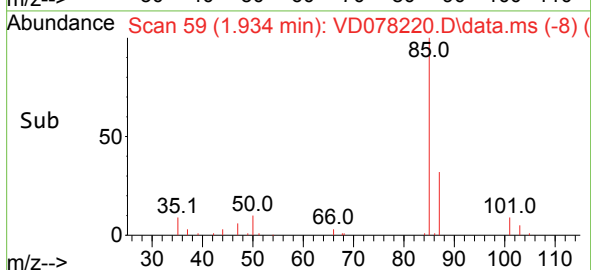
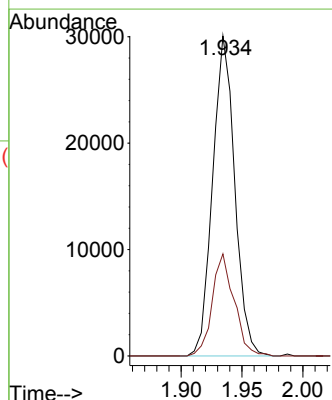
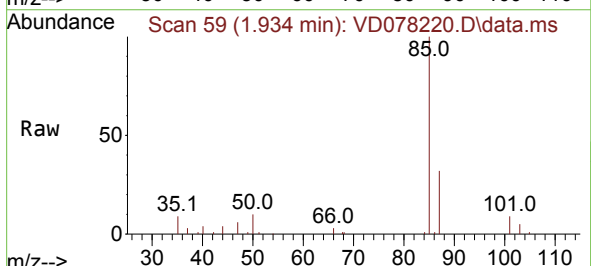
Acq: 24 Jan 2024 13:27

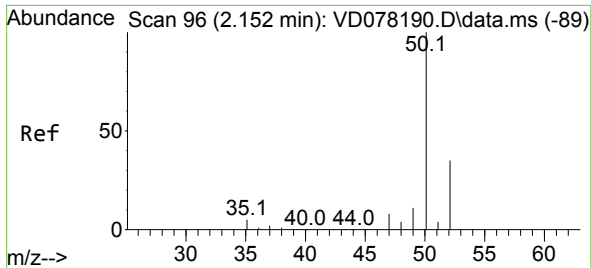
Tgt Ion: 85 Resp: 37992

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.0

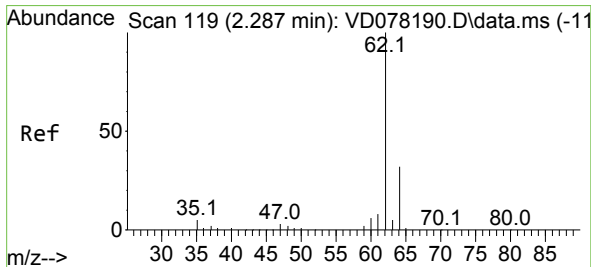
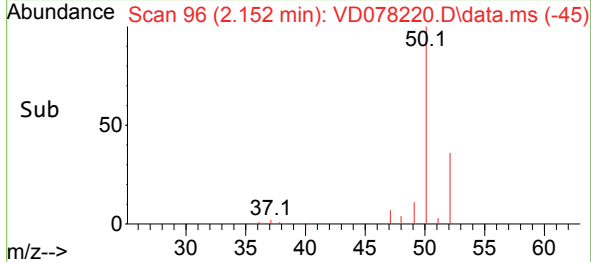
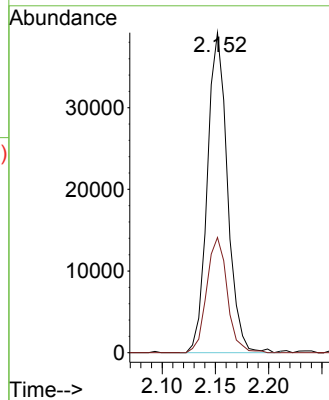
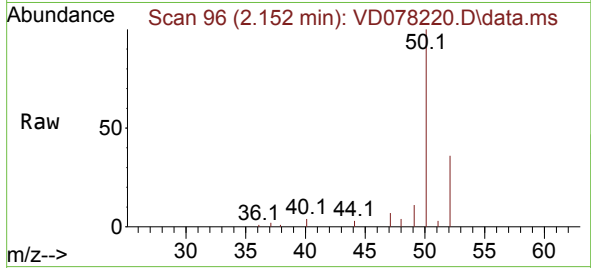




#3
Chloromethane
Concen: 22.135 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

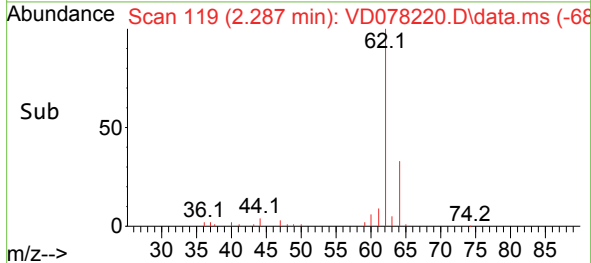
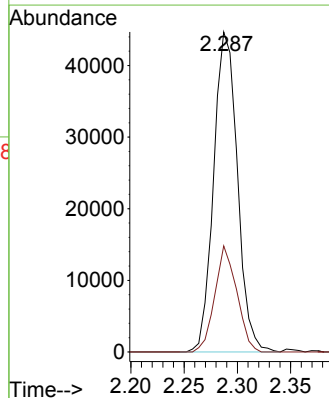
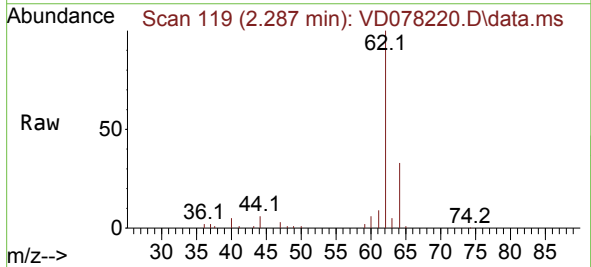
Instrument :
MSVOA_D
ClientSampleId :
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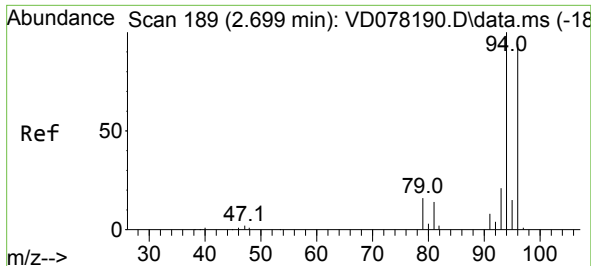
Tgt Ion: 50 Resp: 51597
Ion Ratio Lower Upper
50 100
52 36.0 26.6 40.0



#4
Vinyl Chloride
Concen: 22.677 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 62 Resp: 69398
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0

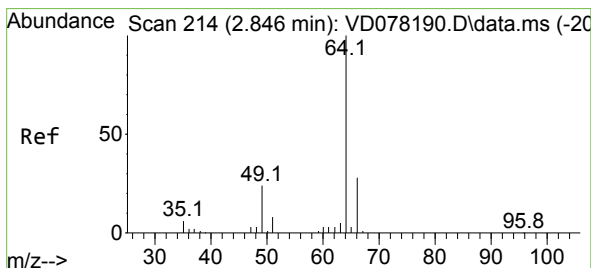
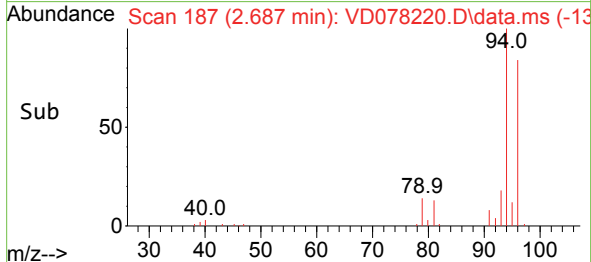
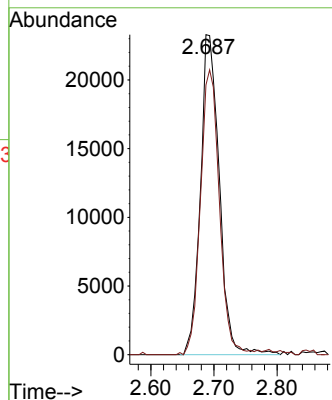
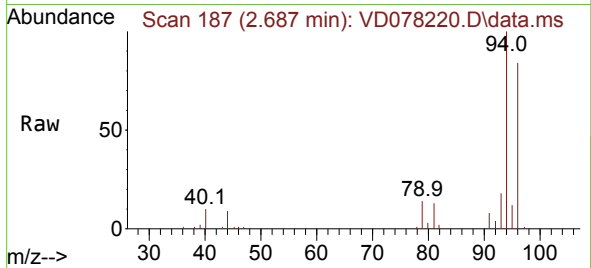




#5
Bromomethane
Concen: 21.670 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

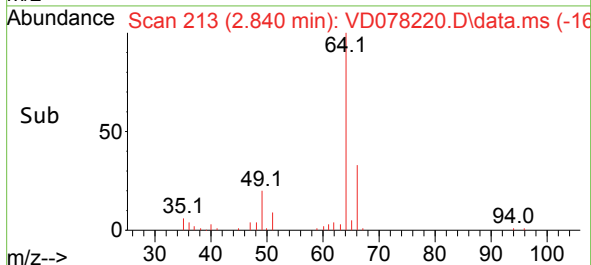
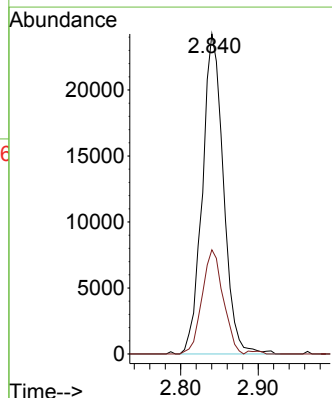
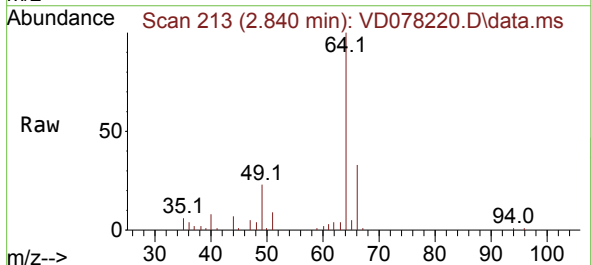
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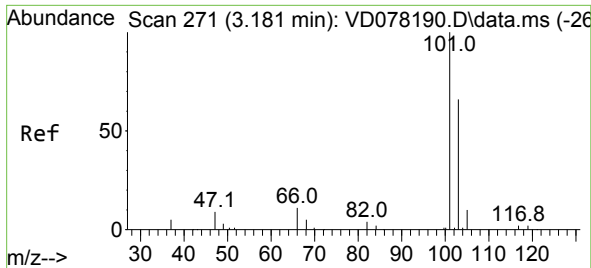
Tgt Ion: 94 Resp: 48396
Ion Ratio Lower Upper
94 100
96 89.0 75.8 113.8



#6
Chloroethane
Concen: 21.464 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 64 Resp: 45883
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3

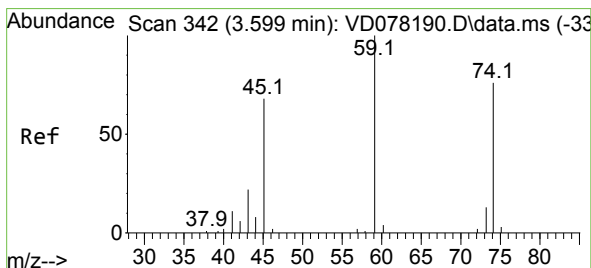
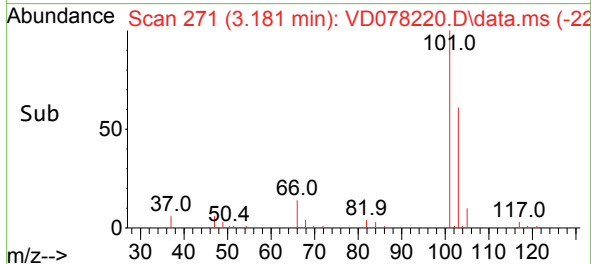
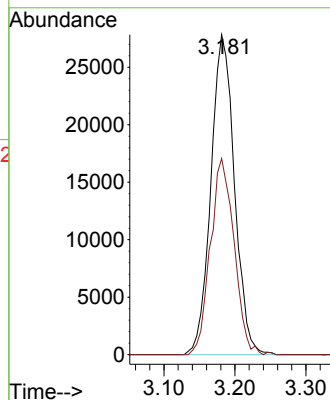
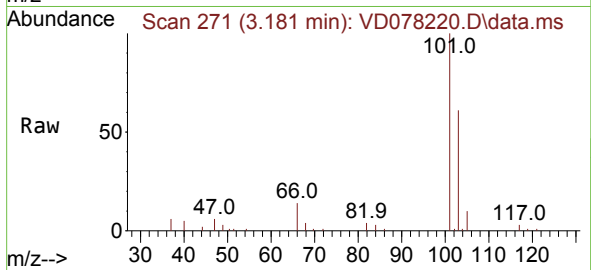




#7
Trichlorofluoromethane
Concen: 23.005 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

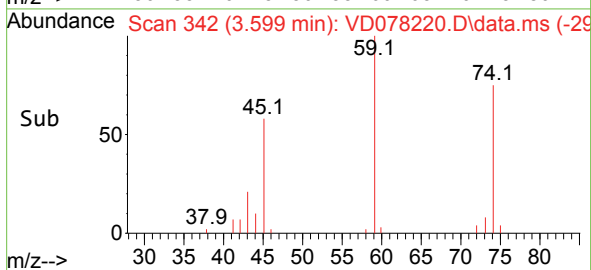
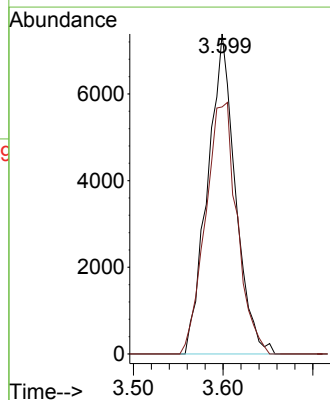
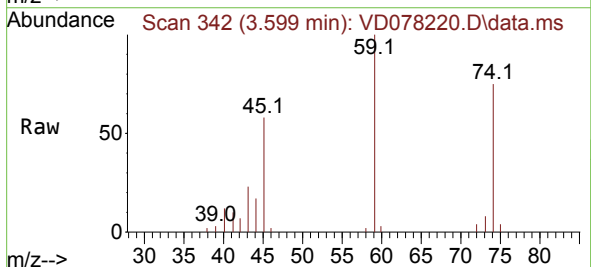
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

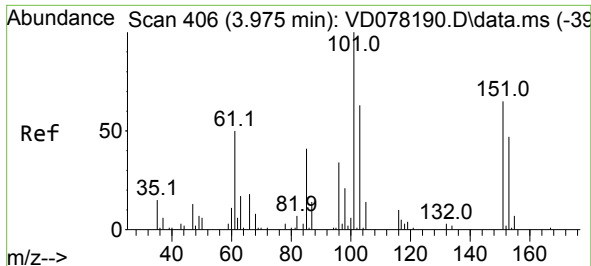
Tgt Ion:101 Resp: 64037
Ion Ratio Lower Upper
101 100
103 61.3 52.3 78.5



#8
Diethyl Ether
Concen: 20.602 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 74 Resp: 15898
Ion Ratio Lower Upper
74 100
45 89.1 37.5 112.7

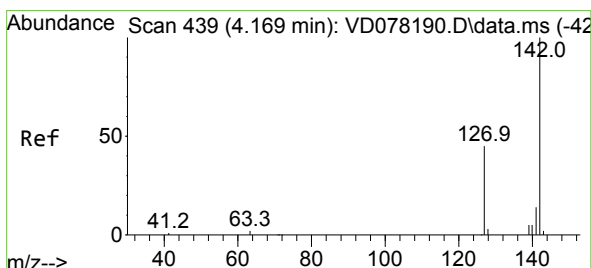
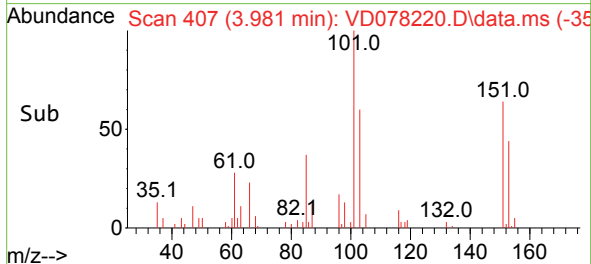
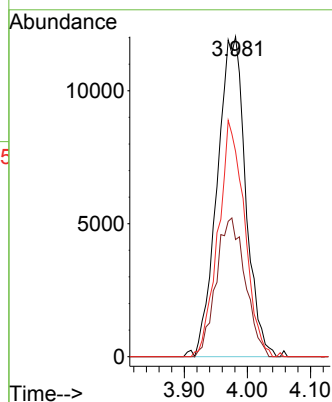
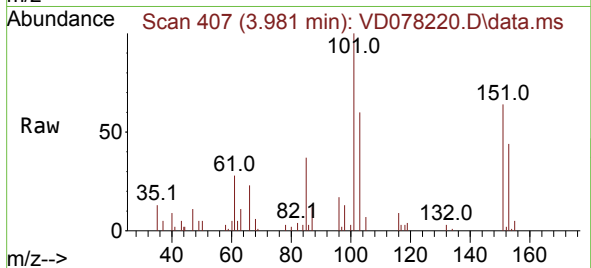




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.357 ug/l
RT: 3.981 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

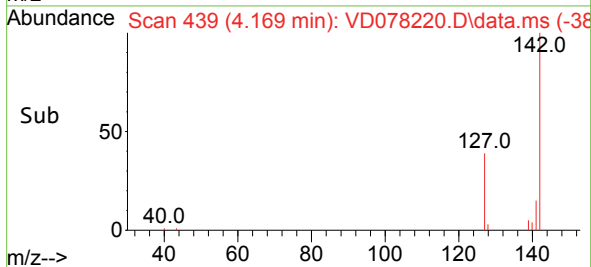
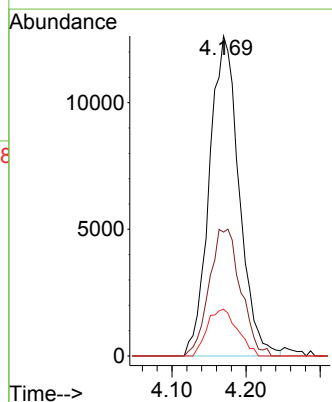
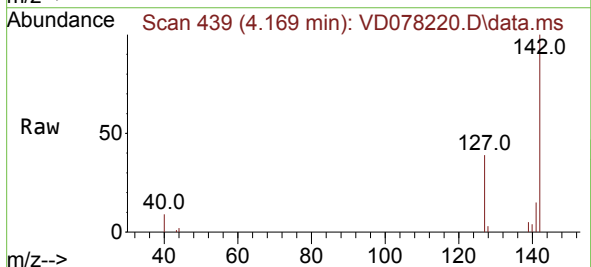
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

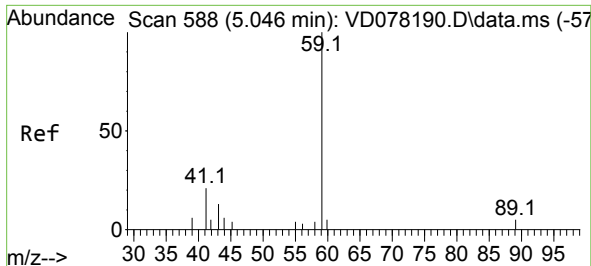
Tgt Ion:101 Resp: 37657
Ion Ratio Lower Upper
101 100
85 44.3 33.8 50.6
151 68.3 59.8 89.6



#10
Methyl Iodide
Concen: 21.782 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion:142 Resp: 35203
Ion Ratio Lower Upper
142 100
127 42.0 29.4 44.0
141 14.9 11.1 16.7

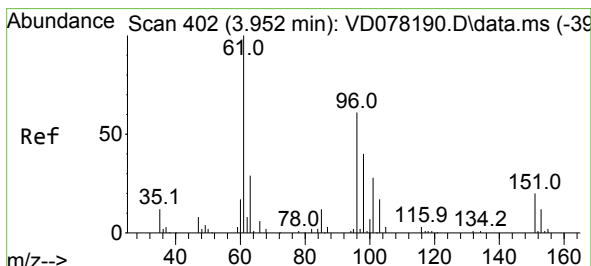
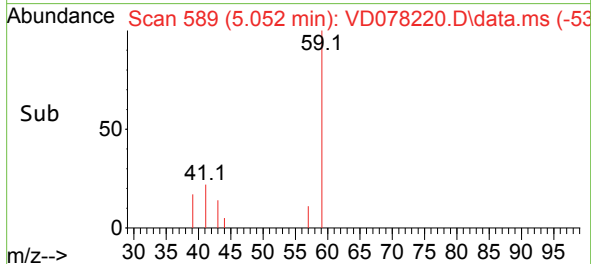
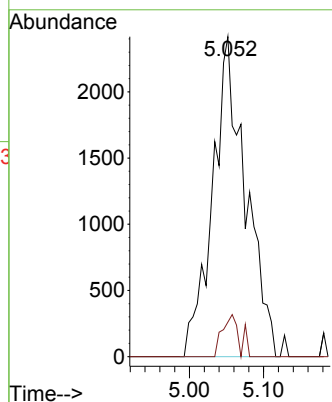
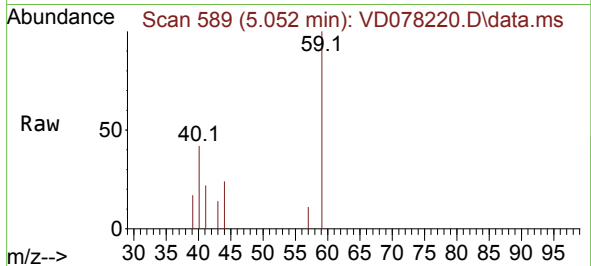




#11
Tert butyl alcohol
Concen: 103.279 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

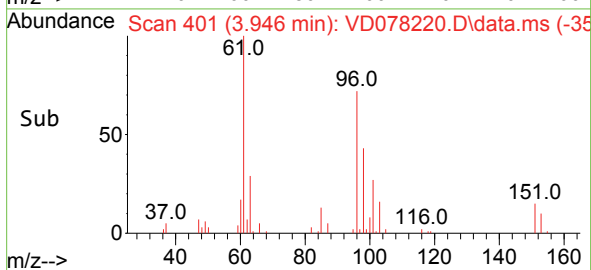
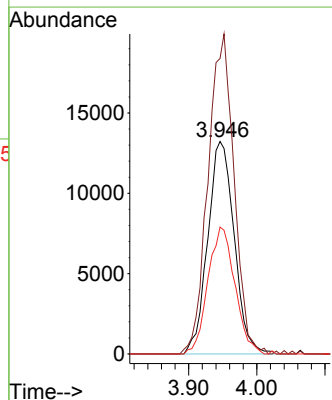
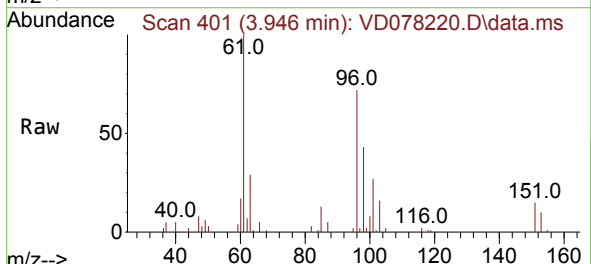
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

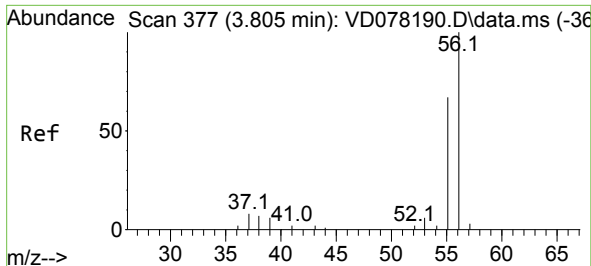
Tgt Ion: 59 Resp: 7491
Ion Ratio Lower Upper
59 100
57 6.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 22.375 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 96 Resp: 35735
Ion Ratio Lower Upper
96 100
61 139.1 100.6 150.8
98 59.7 50.2 75.2





#13

Acrolein

Concen: 101.072 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

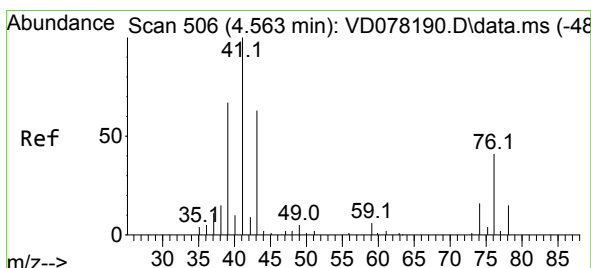
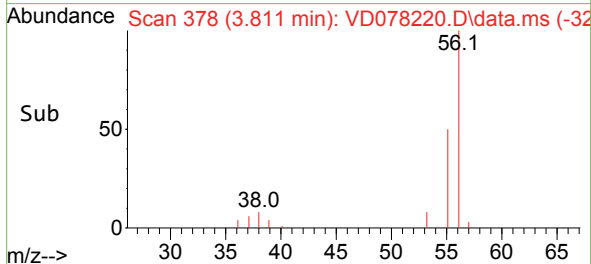
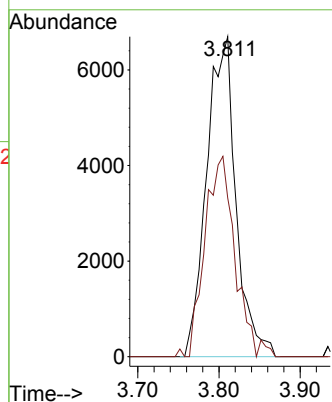
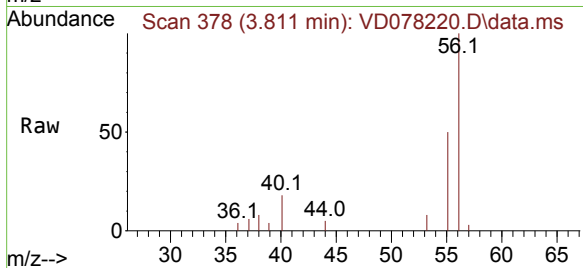
VD0124SBSD01

Tgt Ion: 56 Resp: 16829

Ion Ratio Lower Upper

56 100

55 64.4 55.1 82.7



#14

Allyl chloride

Concen: 21.235 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

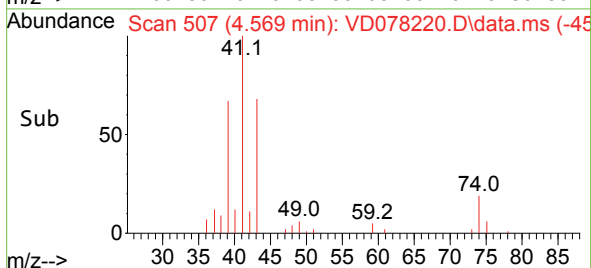
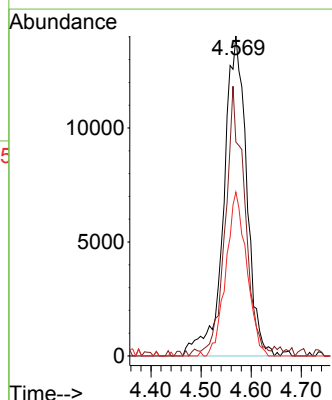
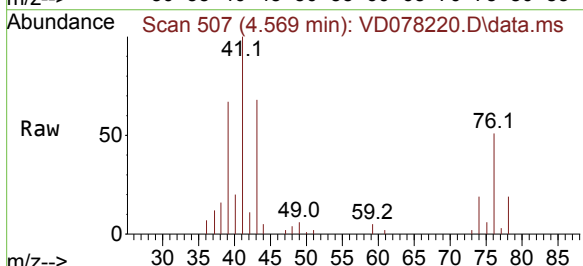
Tgt Ion: 41 Resp: 44735

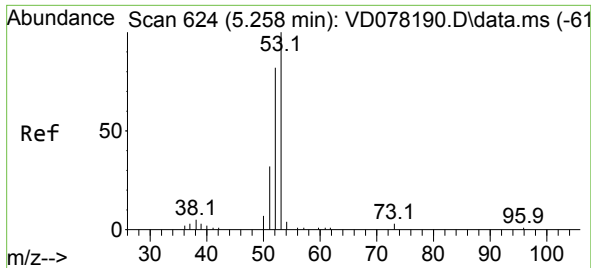
Ion Ratio Lower Upper

41 100

39 70.8 53.8 80.6

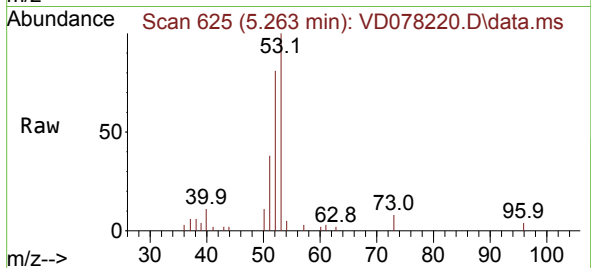
76 46.2 45.8 68.8



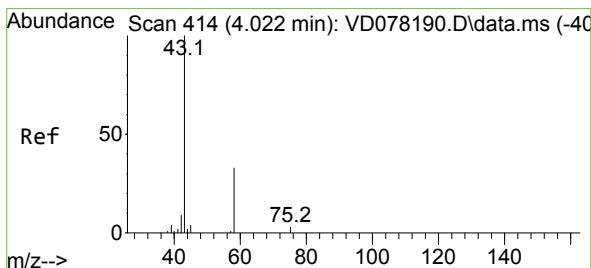
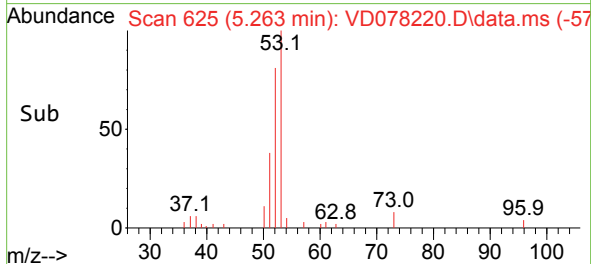
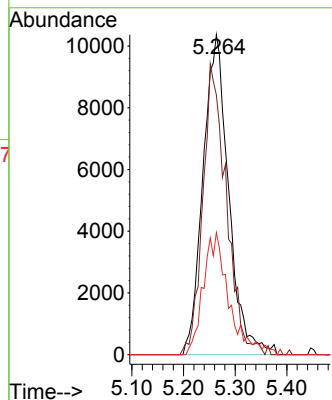


#15
Acrylonitrile
Concen: 102.972 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

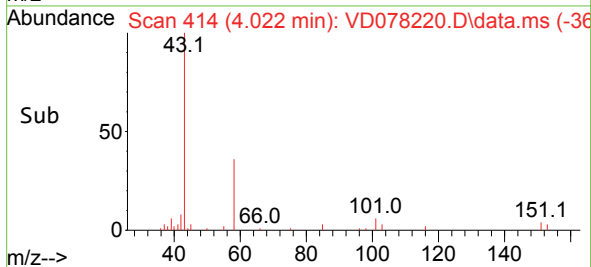
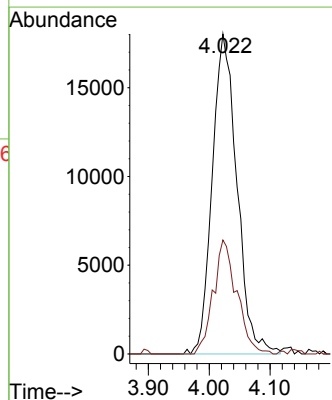
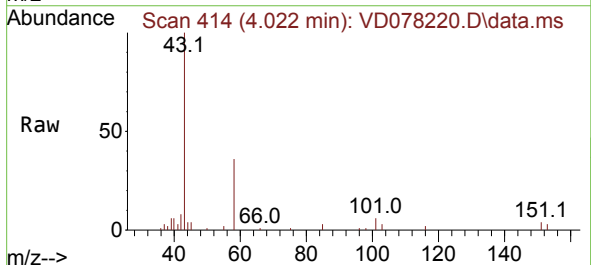


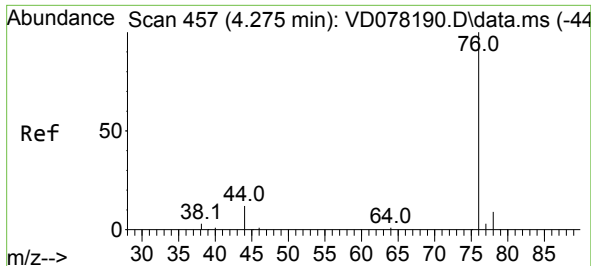
Tgt Ion:	53	Resp:	35656
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.0	97.4
51	37.3	28.3	42.5



#16
Acetone
Concen: 127.581 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion:	43	Resp:	50736
Ion	Ratio	Lower	Upper
43	100		
58	35.6	34.7	52.1





#17

Carbon Disulfide

Concen: 20.880 ug/l

RT: 4.281 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

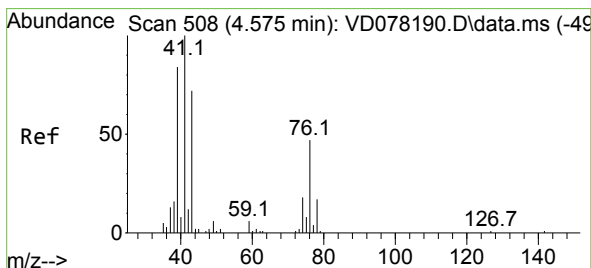
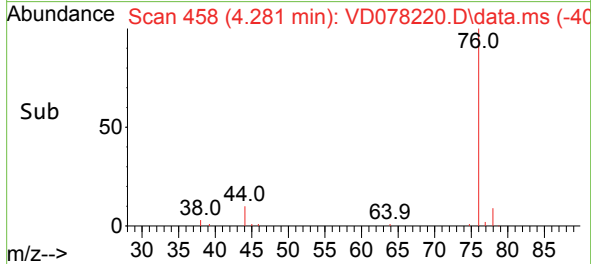
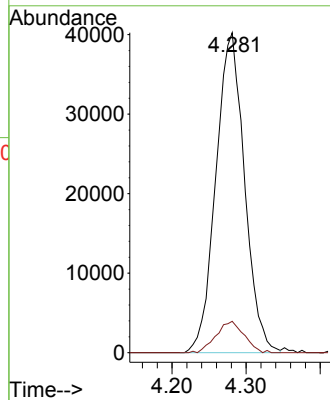
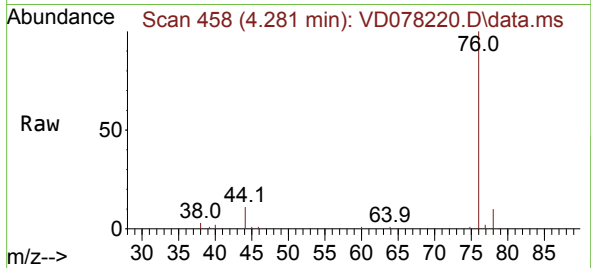
VD0124SBSD01

Tgt Ion: 76 Resp: 108136

Ion Ratio Lower Upper

76 100

78 9.8 6.8 10.2



#18

Methyl Acetate

Concen: 20.616 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.006 min

Lab File: VD078220.D

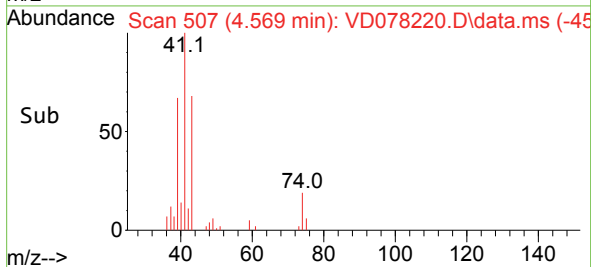
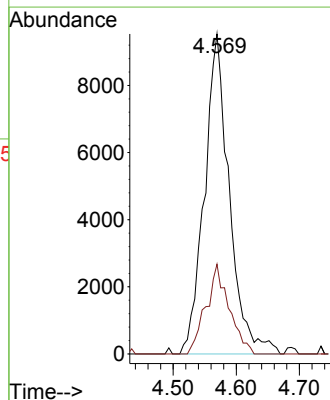
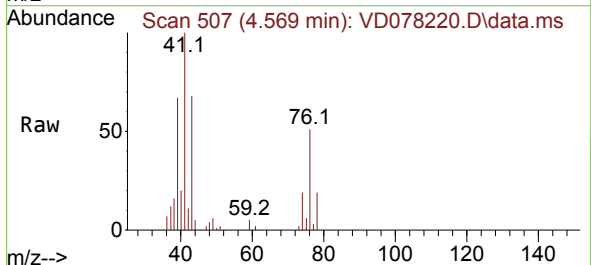
Acq: 24 Jan 2024 13:27

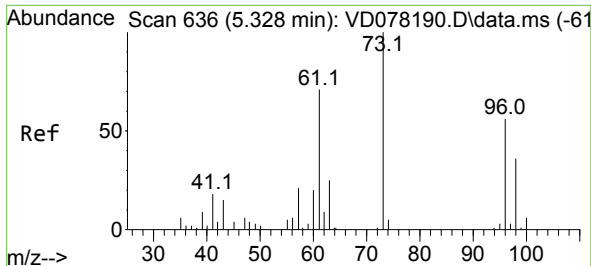
Tgt Ion: 43 Resp: 26132

Ion Ratio Lower Upper

43 100

74 26.0 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 20.203 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

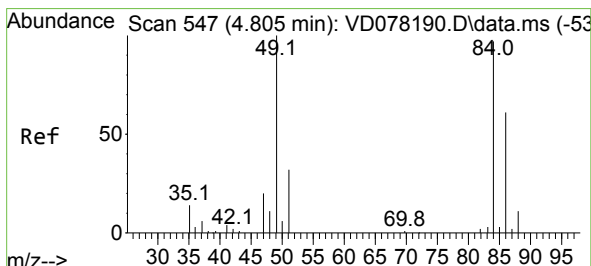
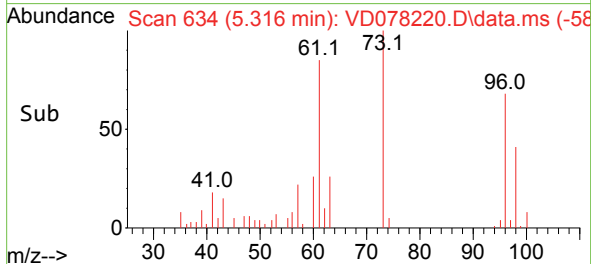
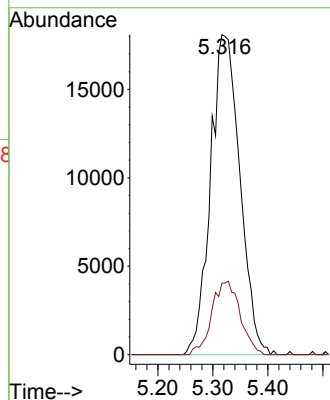
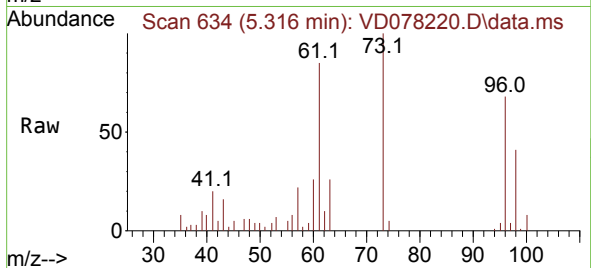
VD0124SBSD01

Tgt Ion: 73 Resp: 67284

Ion Ratio Lower Upper

73 100

57 22.4 16.6 25.0



#20

Methylene Chloride

Concen: 21.947 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Tgt Ion: 84 Resp: 43641

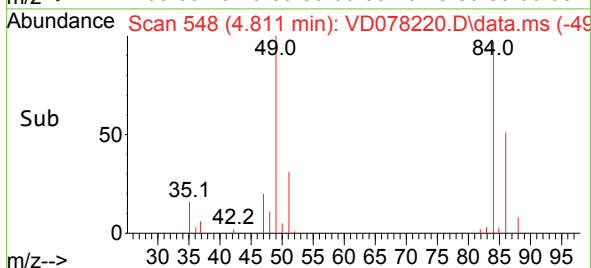
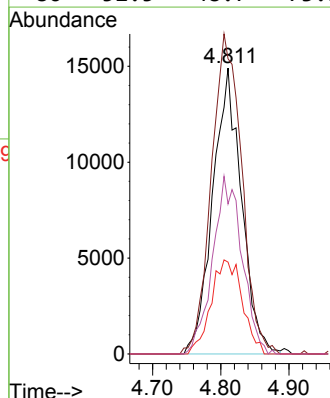
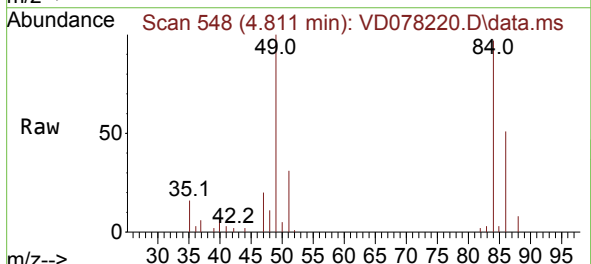
Ion Ratio Lower Upper

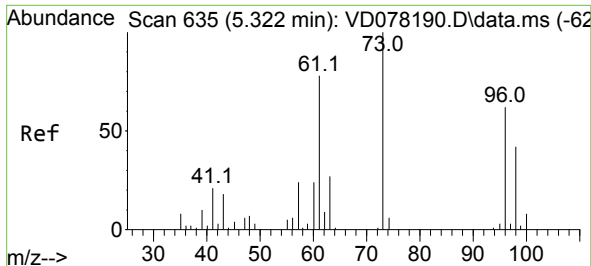
84 100

49 103.3 71.4 107.2

51 32.1 24.5 36.7

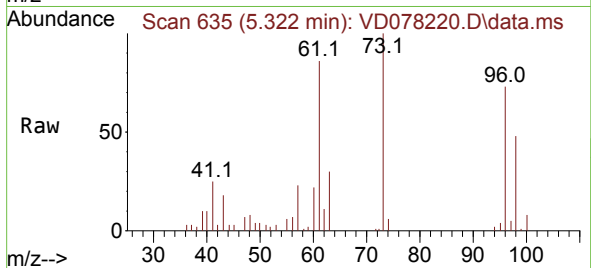
86 52.5 48.7 73.1



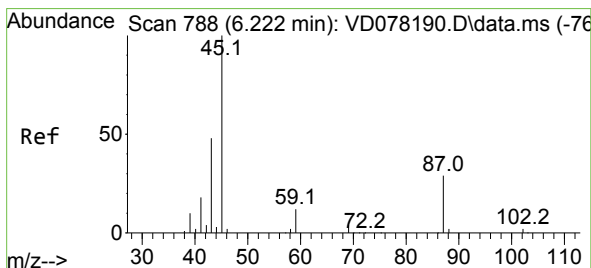
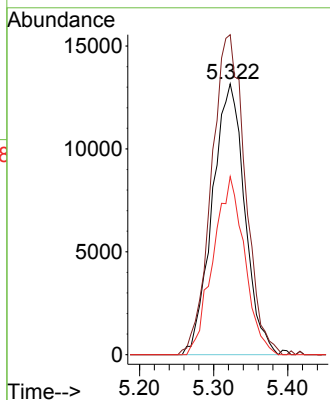
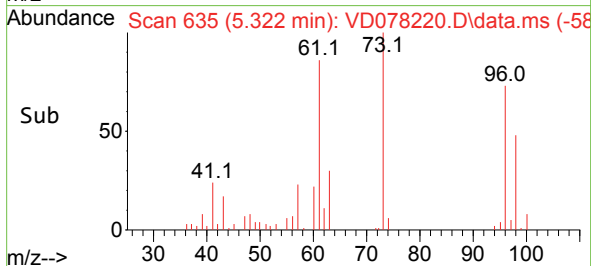


#21
trans-1,2-Dichloroethene
Concen: 21.649 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

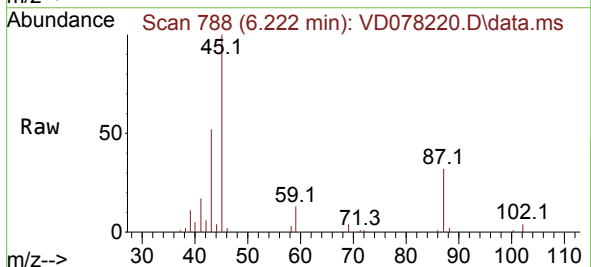
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01



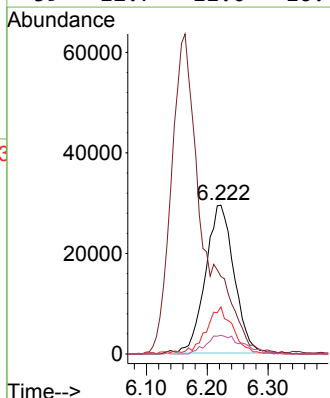
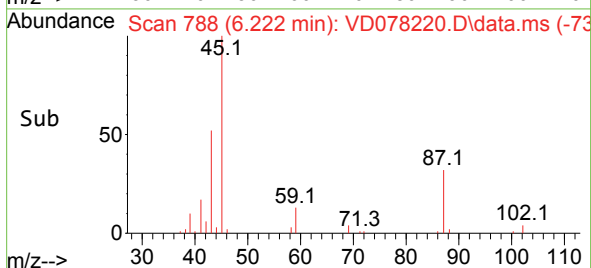
Tgt Ion:	96	Resp:	39954
Ion	Ratio	Lower	Upper
96	100		
61	118.1	89.3	133.9
98	65.7	48.6	73.0

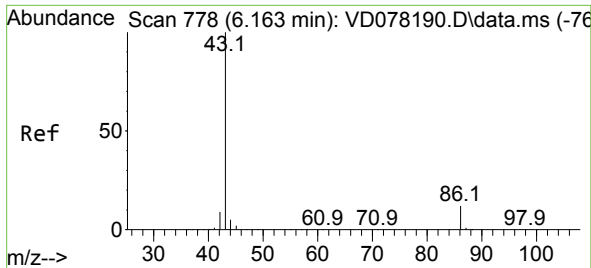


#22
Diisopropyl ether
Concen: 21.396 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27



Tgt Ion:	45	Resp:	95378
Ion	Ratio	Lower	Upper
45	100		
43	51.5	40.0	60.0
87	31.0	28.2	42.4
59	12.7	11.0	16.4

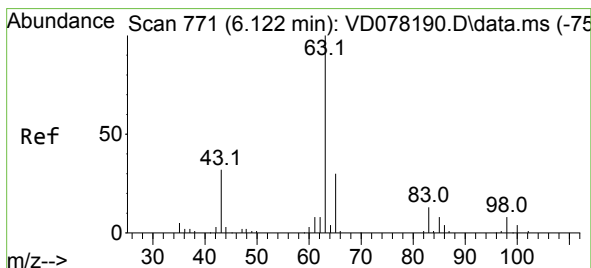
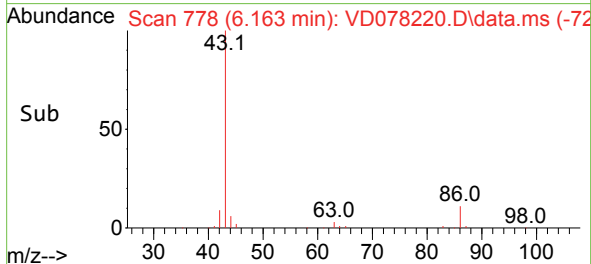
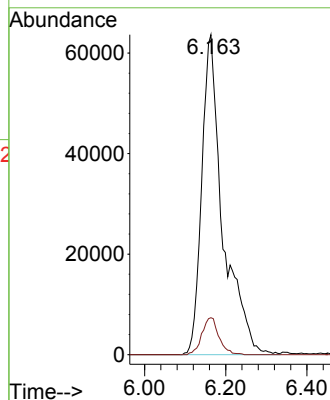
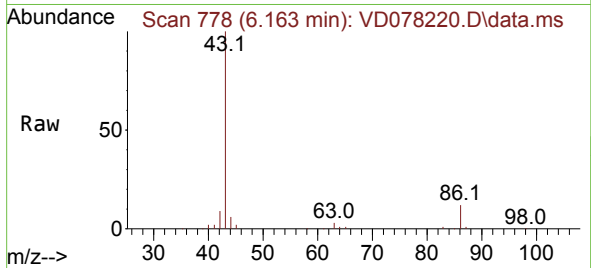




#23
 Vinyl Acetate
 Concen: 104.909 ug/l
 RT: 6.163 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078220.D
 Acq: 24 Jan 2024 13:27

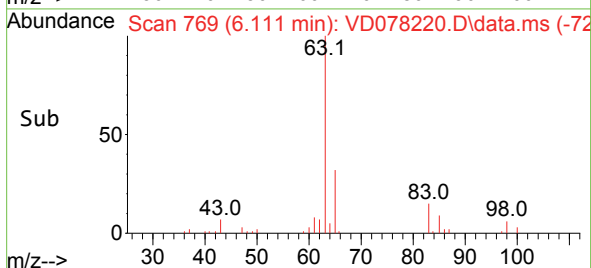
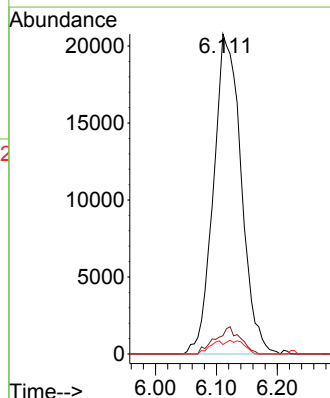
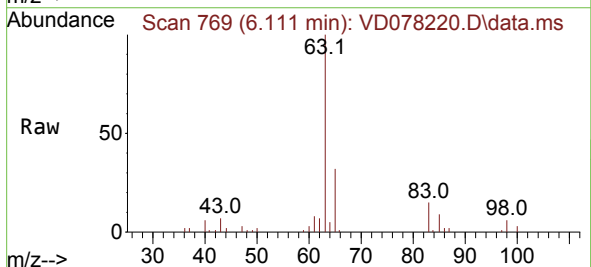
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBSD01

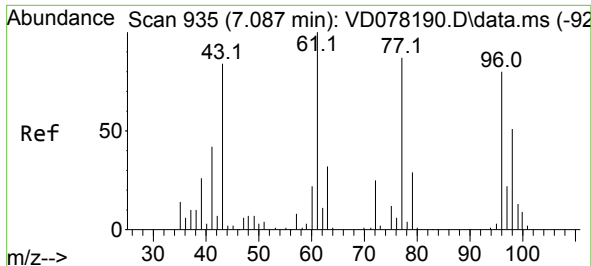
Tgt Ion: 43 Resp: 230411
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 21.231 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.012 min
 Lab File: VD078220.D
 Acq: 24 Jan 2024 13:27

Tgt Ion: 63 Resp: 65397
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.5 13.7
 100 2.9 2.5 7.5

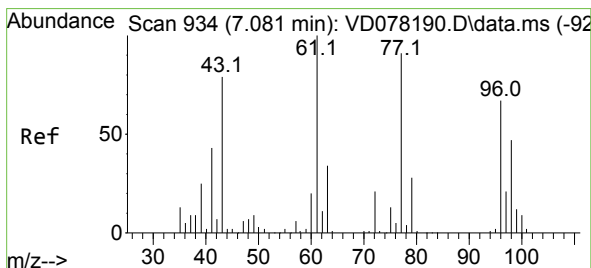
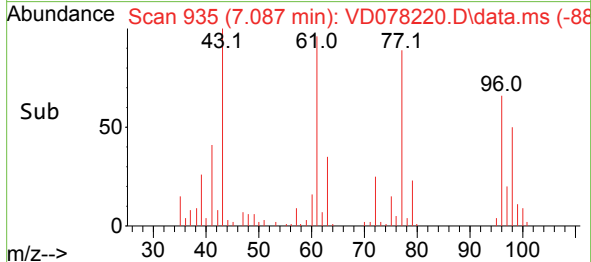
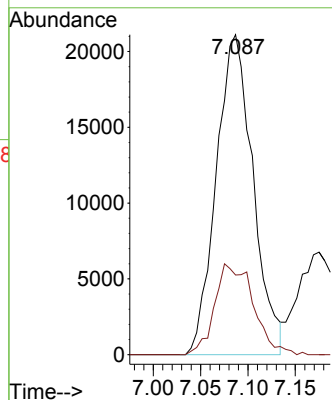
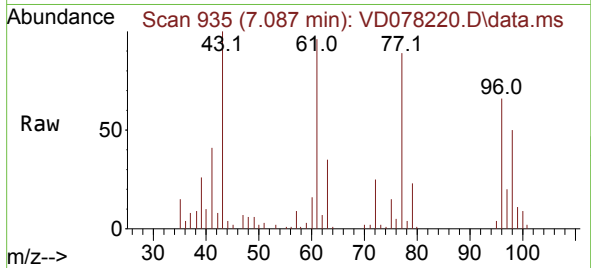




#25
2-Butanone
Concen: 117.498 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

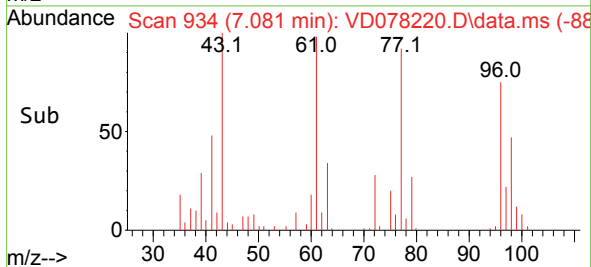
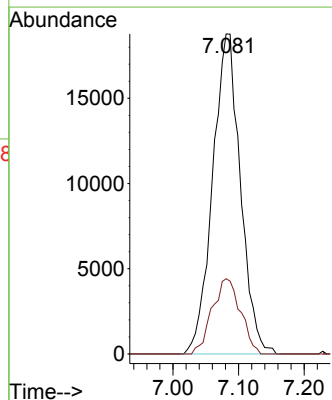
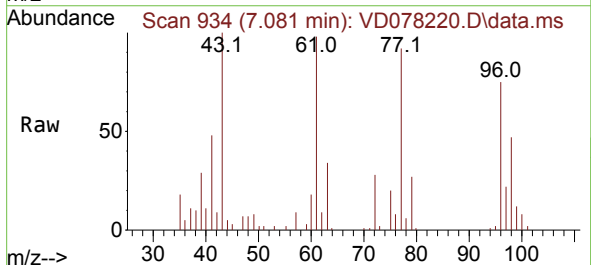
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

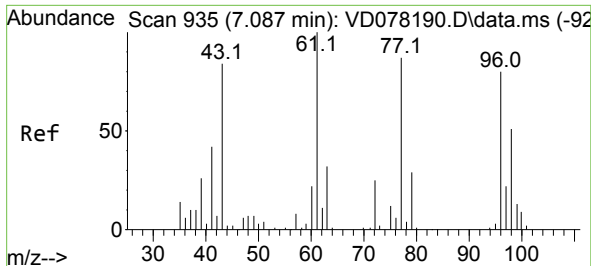
Tgt Ion: 43 Resp: 57074
Ion Ratio Lower Upper
43 100
72 24.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 21.379 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 77 Resp: 55165
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6

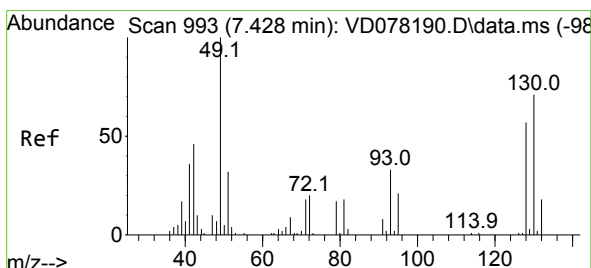
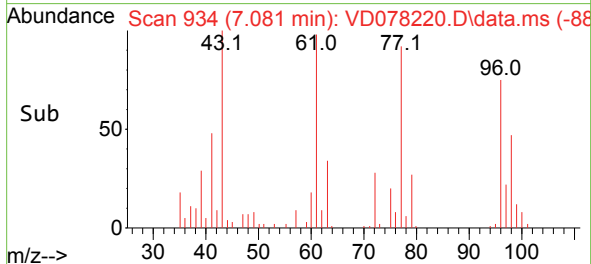
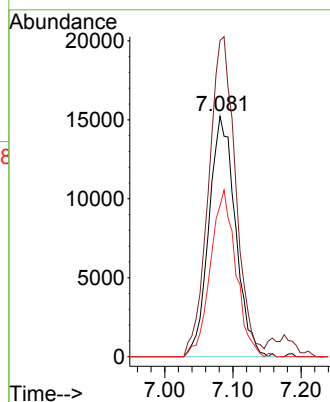
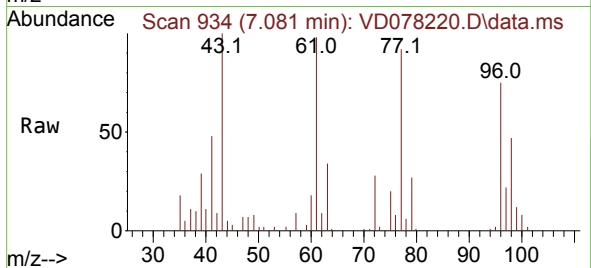




#27
 cis-1,2-Dichloroethene
 Concen: 20.783 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078220.D
 Acq: 24 Jan 2024 13:27

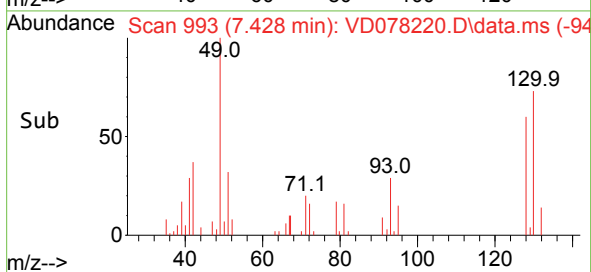
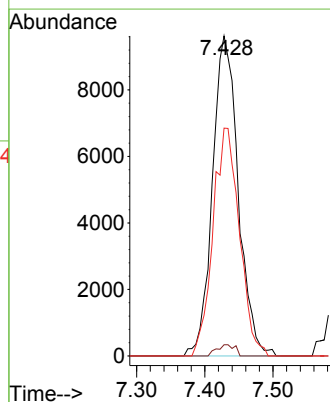
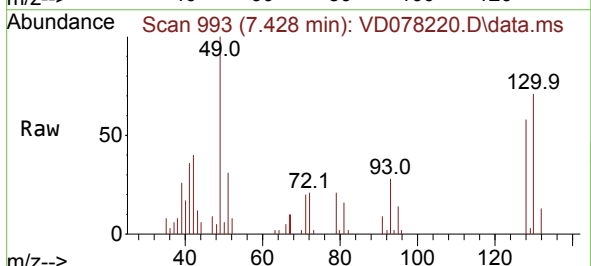
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBSD01

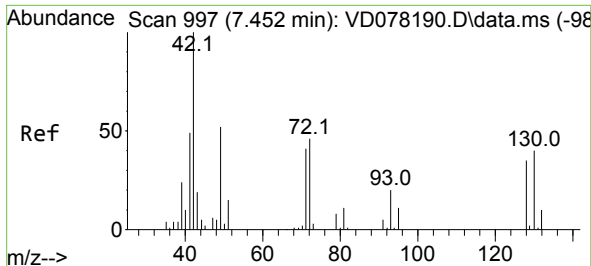
Tgt Ion: 96 Resp: 41201
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 239.2
 98 66.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.073 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078220.D
 Acq: 24 Jan 2024 13:27

Tgt Ion: 49 Resp: 25317
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 6.0
 130 73.1 83.2 124.8#

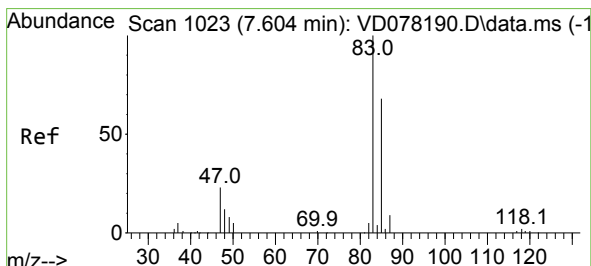
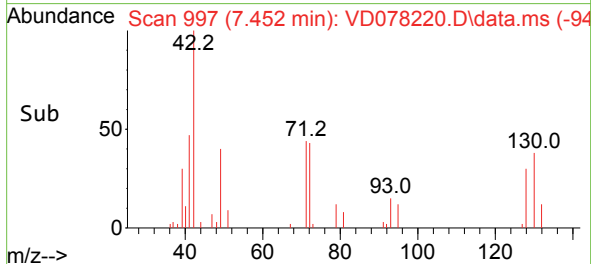
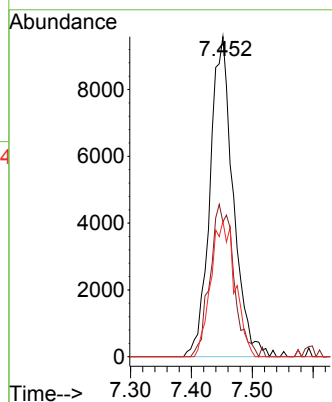
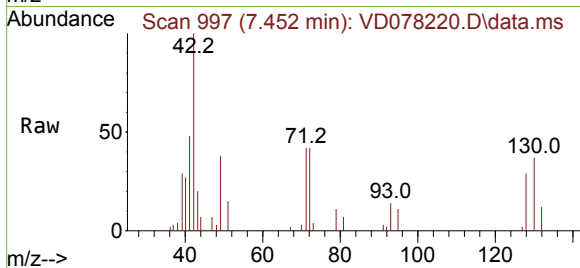




#29
Tetrahydrofuran
Concen: 104.790 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

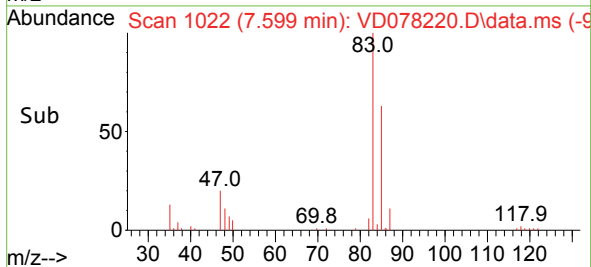
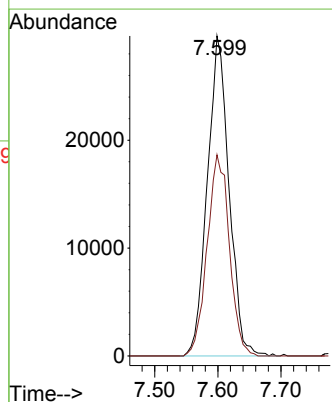
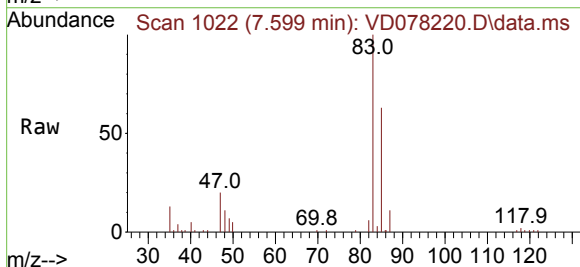
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

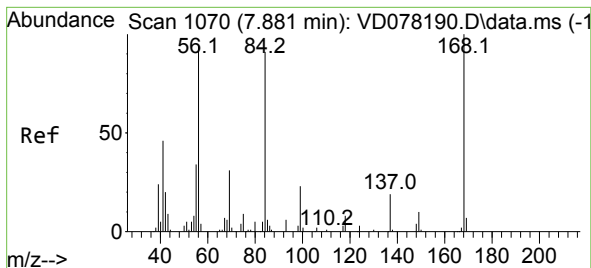
Tgt Ion: 42 Resp: 25470
Ion Ratio Lower Upper
42 100
72 48.5 46.5 69.7
71 44.1 44.5 66.7#



#30
Chloroform
Concen: 22.569 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 83 Resp: 70699
Ion Ratio Lower Upper
83 100
85 62.9 53.4 80.2





#31

Cyclohexane

Concen: 22.048 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBSD01

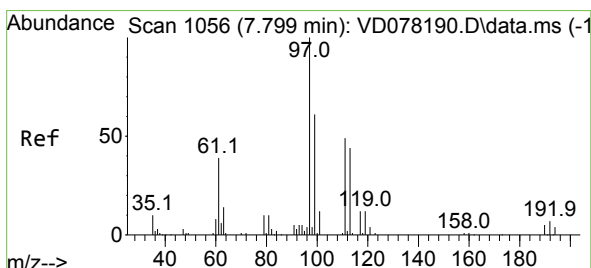
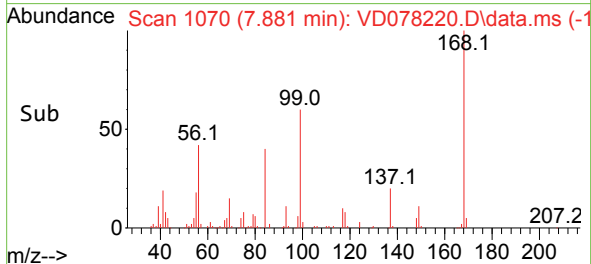
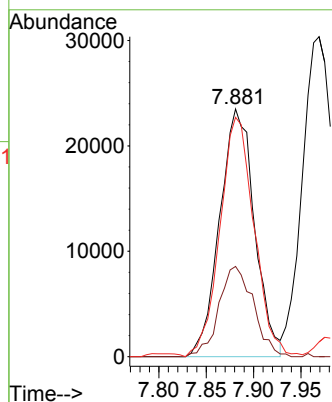
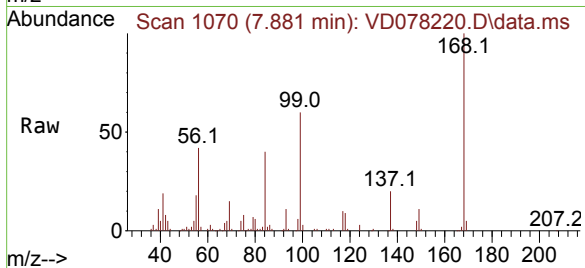
Tgt Ion: 56 Resp: 60059

Ion Ratio Lower Upper

56 100

69 36.4 28.6 43.0

84 95.8 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.775 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

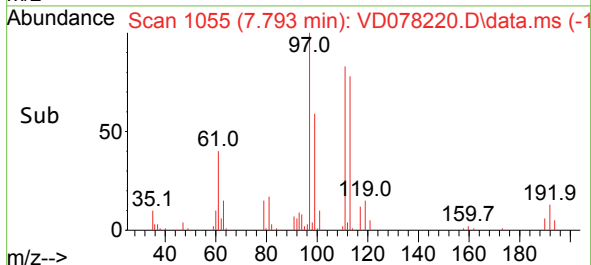
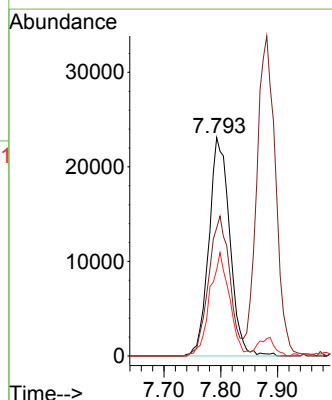
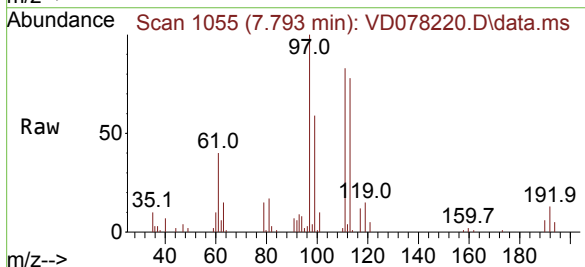
Tgt Ion: 97 Resp: 58923

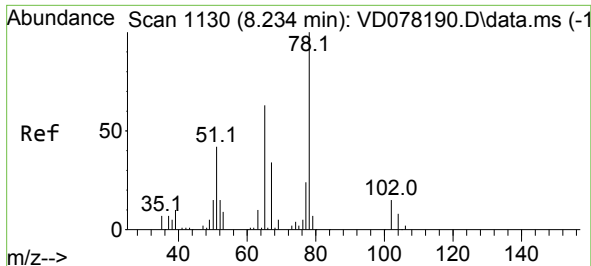
Ion Ratio Lower Upper

97 100

99 65.2 52.0 78.0

61 45.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.919 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

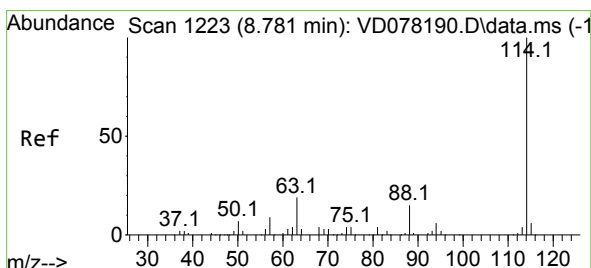
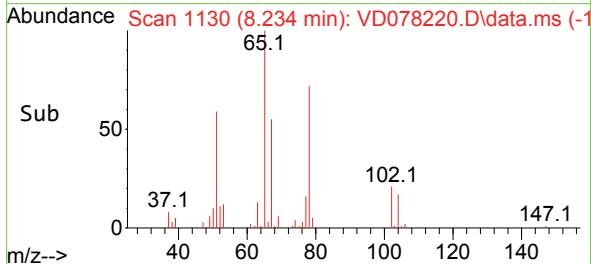
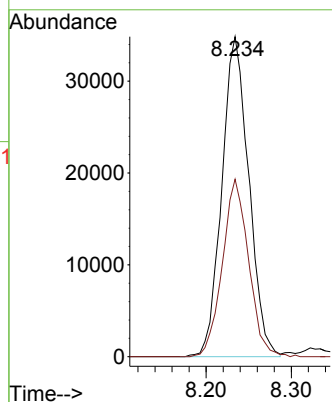
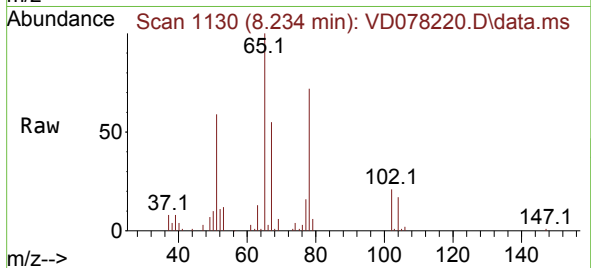
VD0124SBSD01

Tgt Ion: 65 Resp: 76493

Ion Ratio Lower Upper

65 100

67 54.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

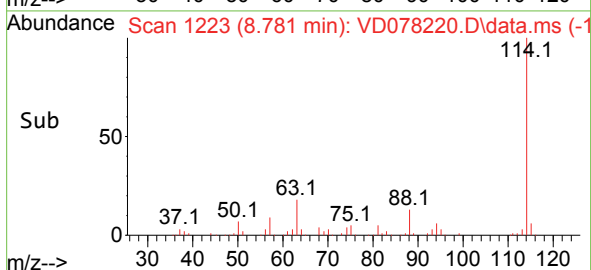
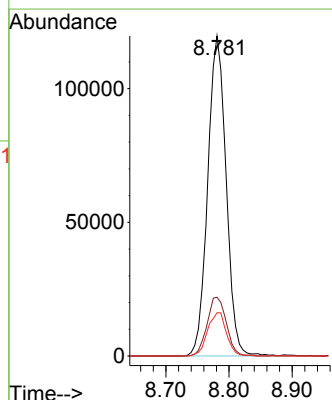
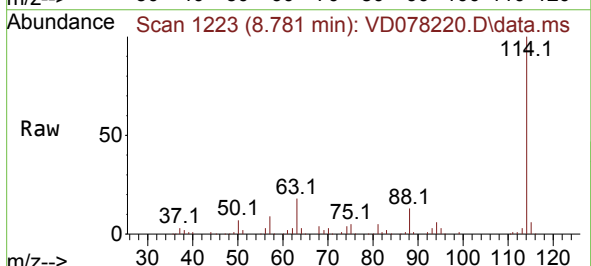
Tgt Ion: 114 Resp: 242381

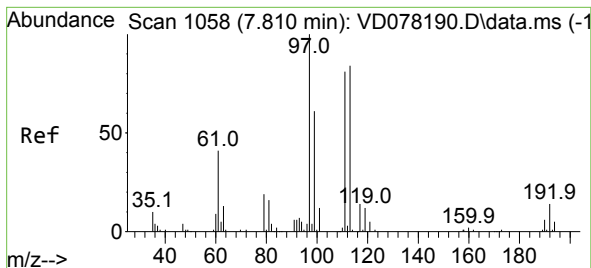
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.294 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBSD01

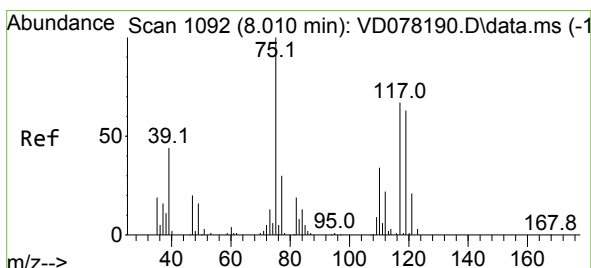
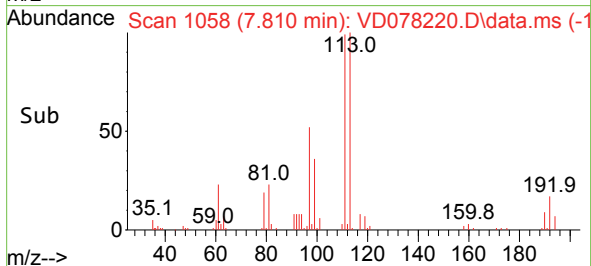
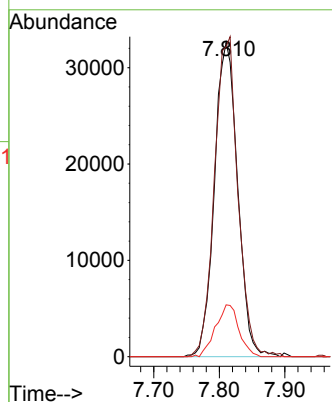
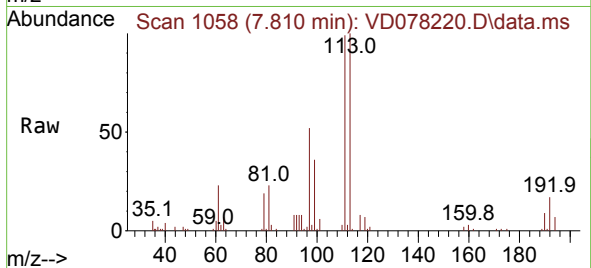
Tgt Ion:113 Resp: 80229

Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 16.6 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 20.811 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

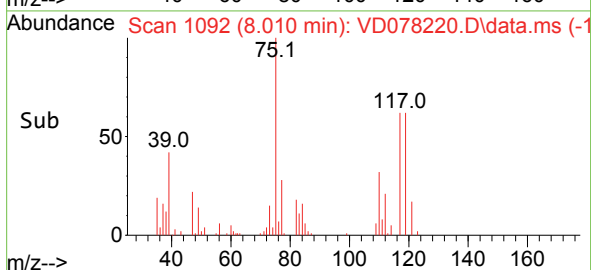
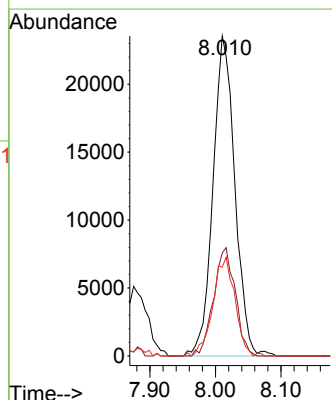
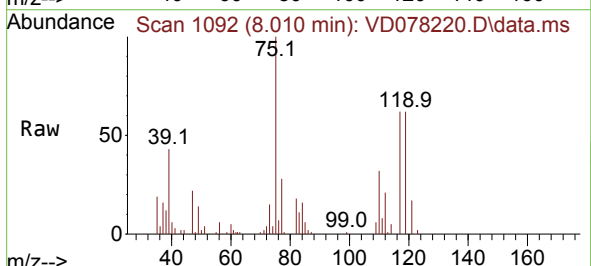
Tgt Ion: 75 Resp: 54592

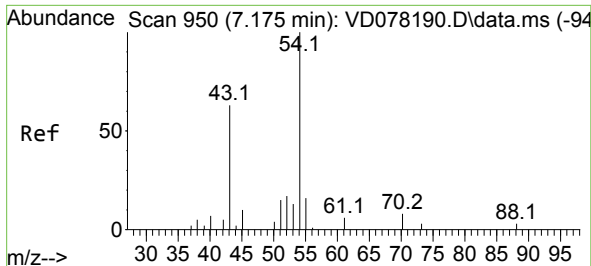
Ion Ratio Lower Upper

75 100

110 33.5 19.9 59.6

77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 21.147 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBSD01

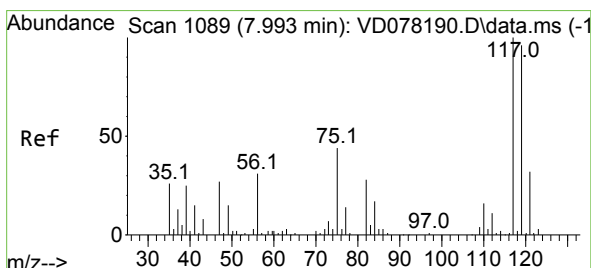
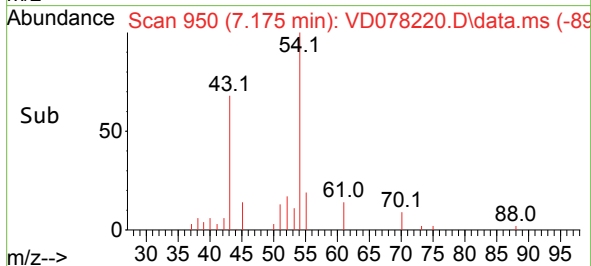
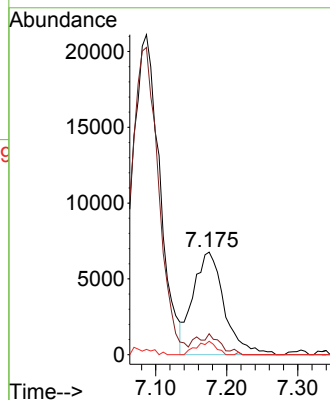
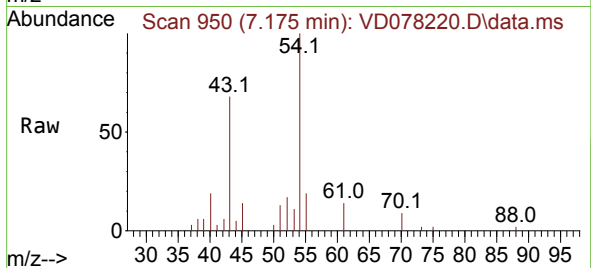
Tgt Ion: 43 Resp: 20651

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 8.2 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 20.257 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

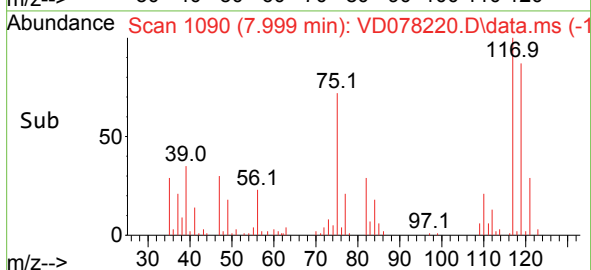
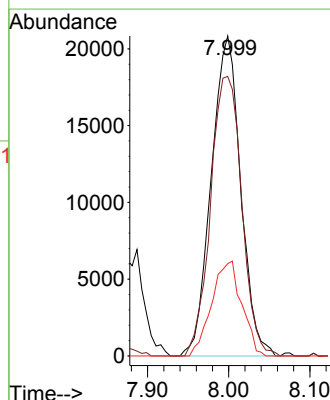
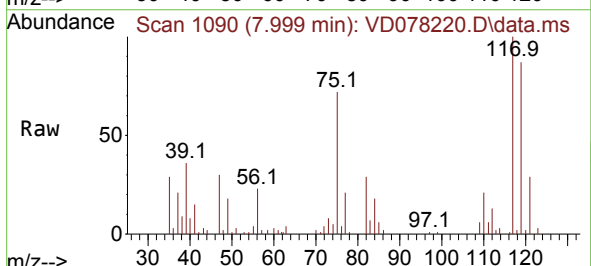
Tgt Ion: 117 Resp: 52482

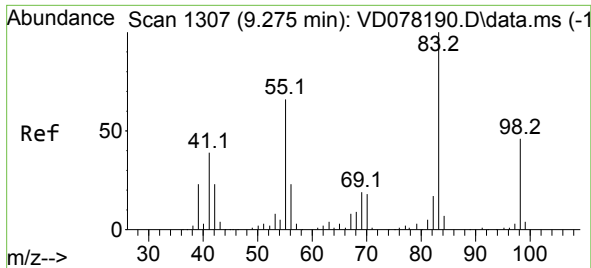
Ion Ratio Lower Upper

117 100

119 87.4 78.0 117.0

121 28.9 24.2 36.2

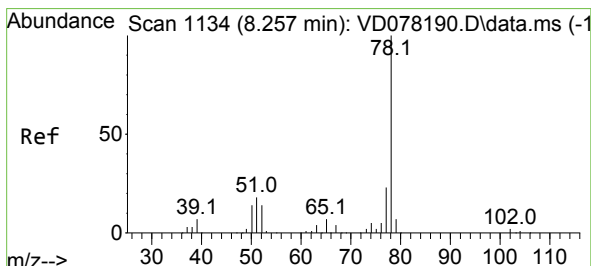
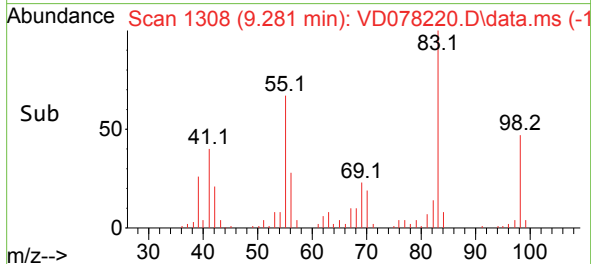
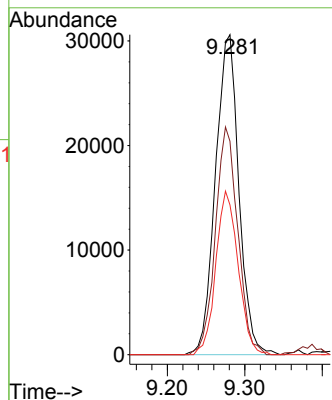
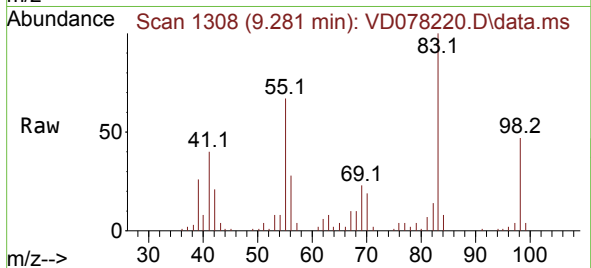




#39
Methylcyclohexane
Concen: 20.776 ug/l
RT: 9.281 min Scan# 1138
Delta R.T. 0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

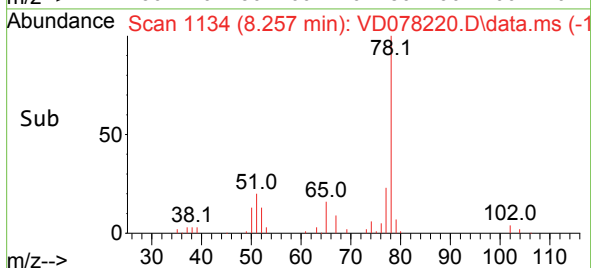
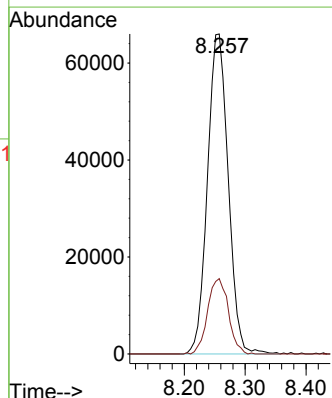
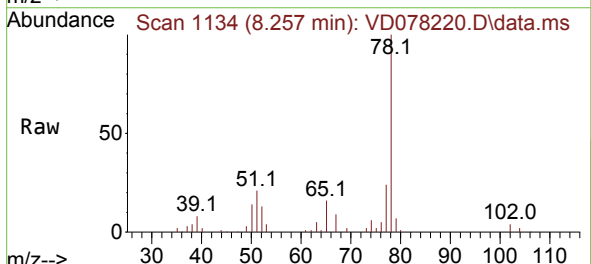
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

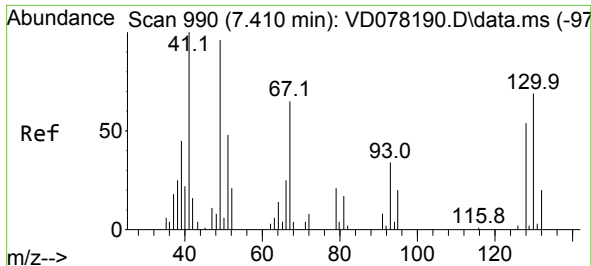
Tgt Ion: 83 Resp: 64452
Ion Ratio Lower Upper
83 100
55 66.7 49.4 74.0
98 46.8 38.4 57.6



#40
Benzene
Concen: 20.969 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 78 Resp: 156099
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

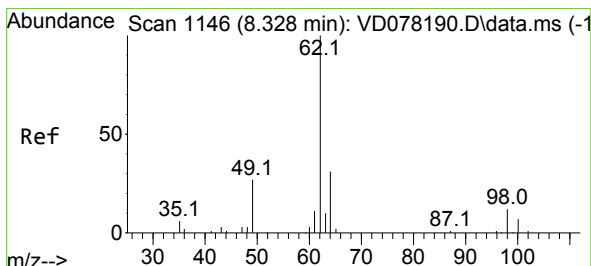
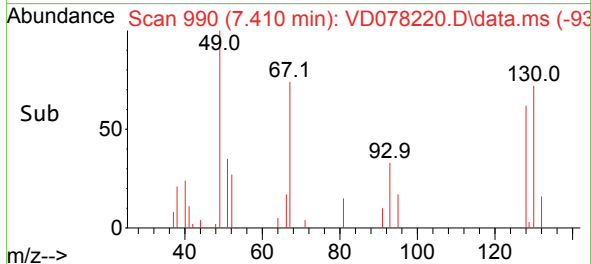
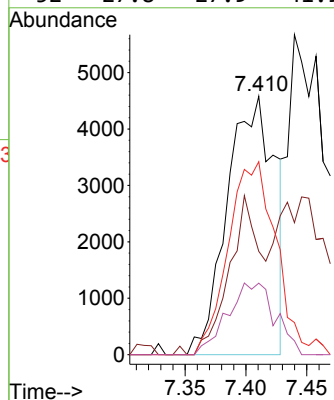
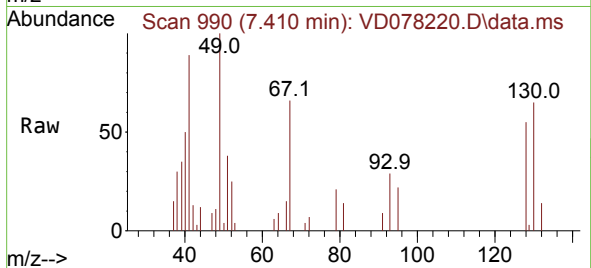




#41
Methacrylonitrile
Concen: 23.231 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

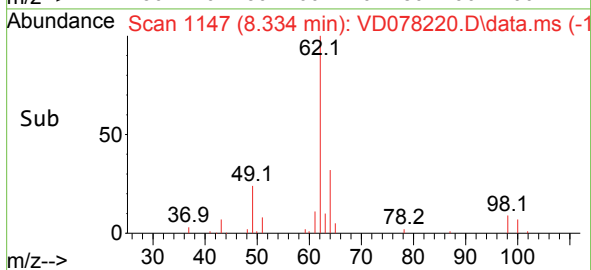
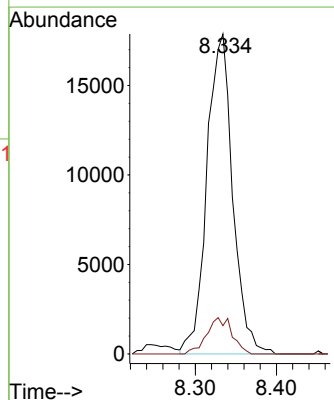
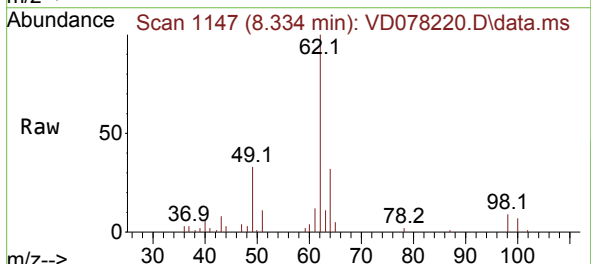
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

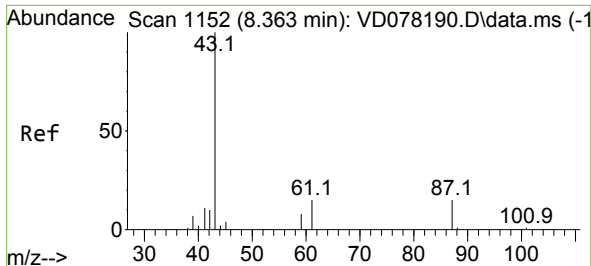
Tgt Ion: 41 Resp: 12457
Ion Ratio Lower Upper
41 100
39 40.4 34.0 51.0
67 75.4 77.0 115.4#
52 27.8 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 20.394 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 62 Resp: 39501
Ion Ratio Lower Upper
62 100
98 11.2 0.0 25.4

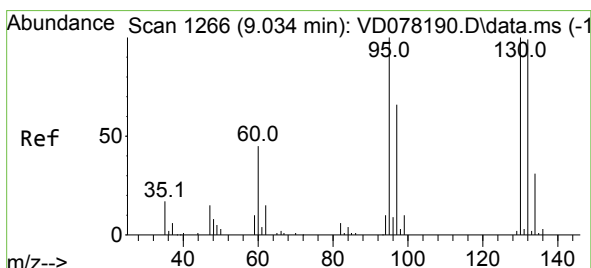
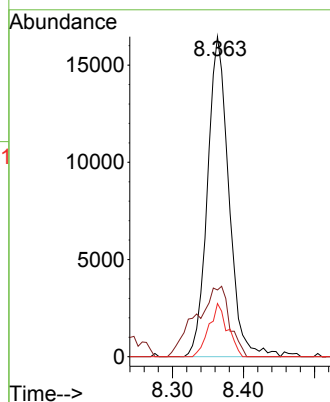
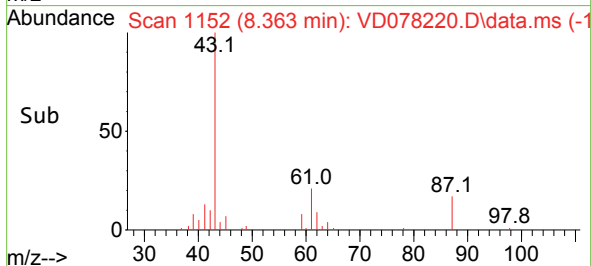
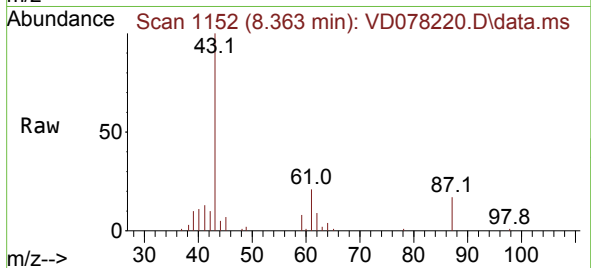




#43
Isopropyl Acetate
Concen: 19.189 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

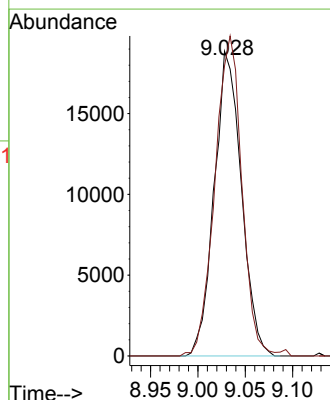
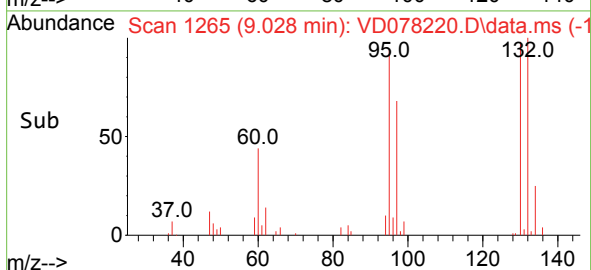
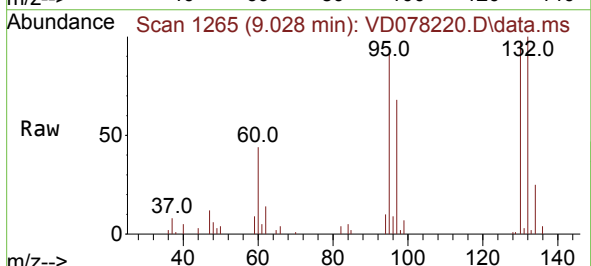
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

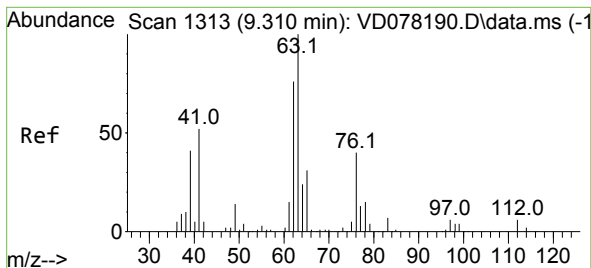
Tgt Ion: 43 Resp: 34331
Ion Ratio Lower Upper
43 100
61 34.4 31.4 47.0
87 14.5 14.9 22.3#



#44
Trichloroethene
Concen: 19.758 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion:130 Resp: 37628
Ion Ratio Lower Upper
130 100
95 95.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.225 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

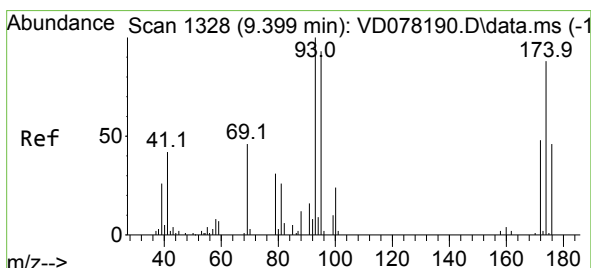
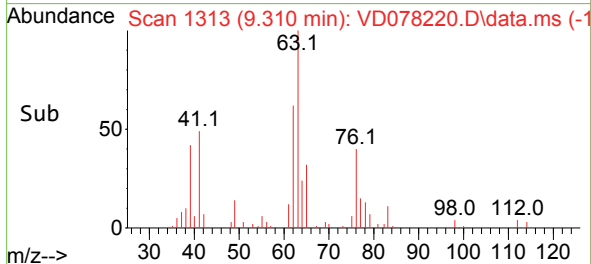
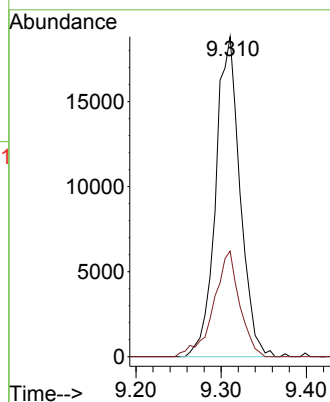
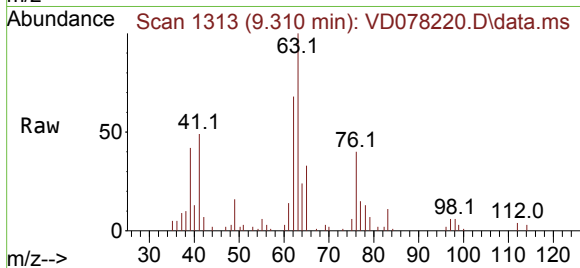
VD0124SBSD01

Tgt Ion: 63 Resp: 37360

Ion Ratio Lower Upper

63 100

65 33.0 24.5 36.7



#46

Dibromomethane

Concen: 19.029 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

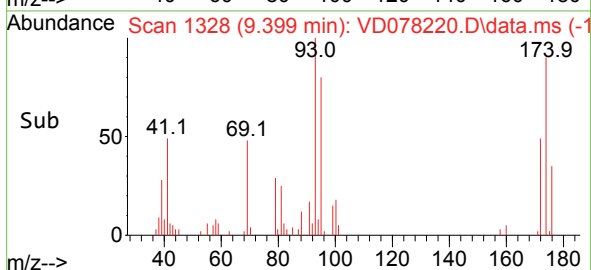
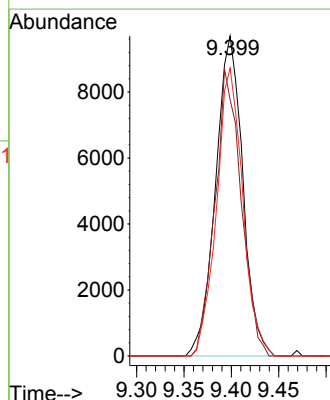
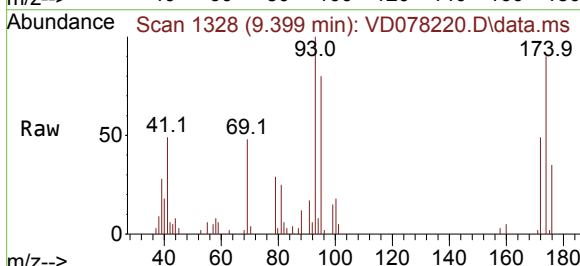
Tgt Ion: 93 Resp: 19304

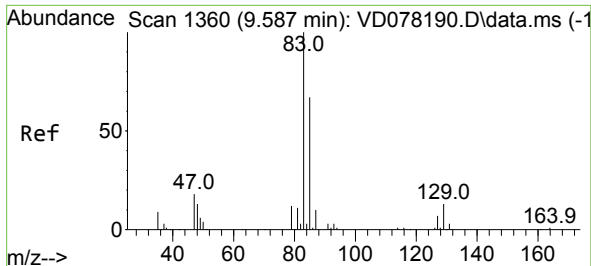
Ion Ratio Lower Upper

93 100

95 86.9 67.7 101.5

174 87.0 85.4 128.2

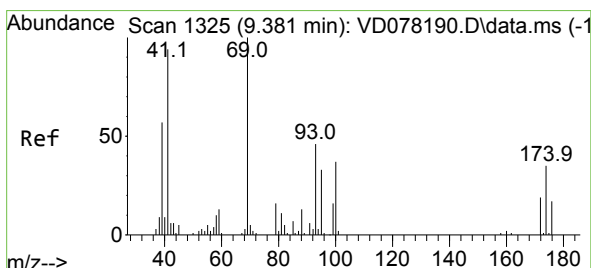
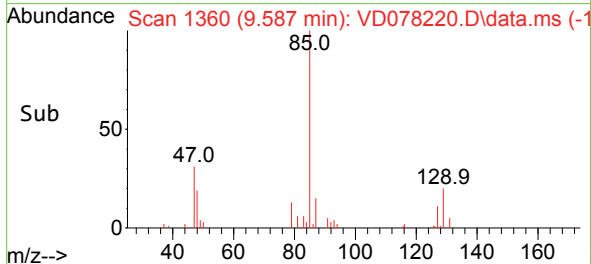
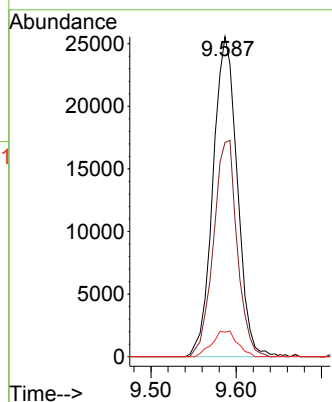
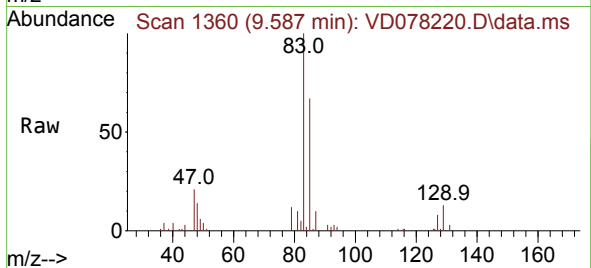




#47
Bromodichloromethane
Concen: 19.808 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

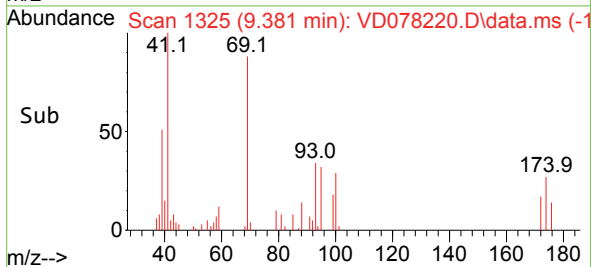
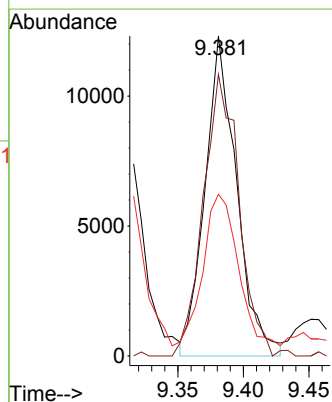
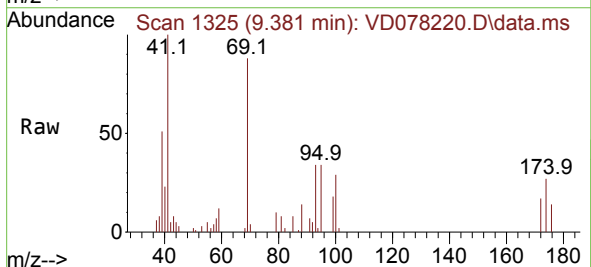
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

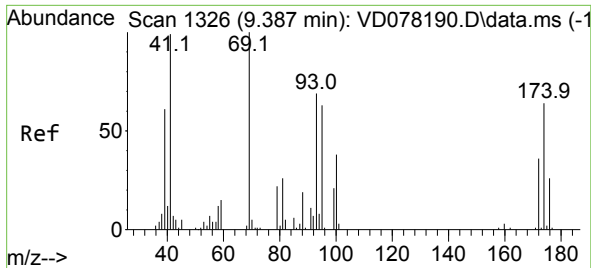
Tgt Ion:	83	Resp:	50476
Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.2	75.4
127	7.7	6.3	9.5



#48
Methyl methacrylate
Concen: 19.956 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion:	41	Resp:	20671
Ion	Ratio	Lower	Upper
41	100		
69	99.2	102.2	153.2#
39	53.7	41.4	62.2

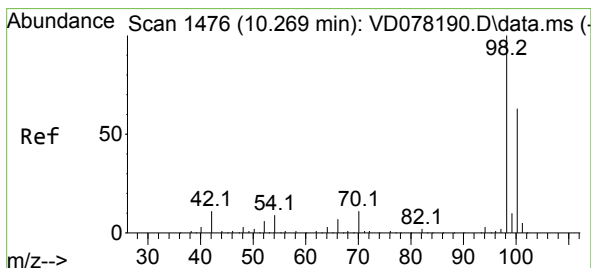
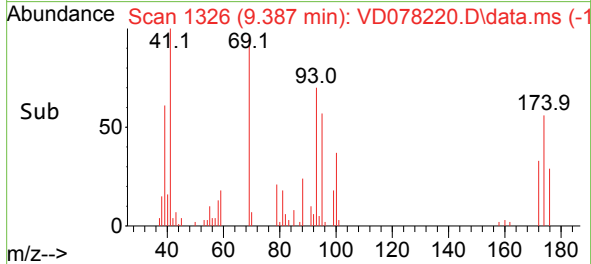
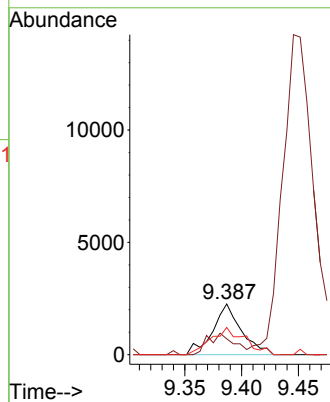
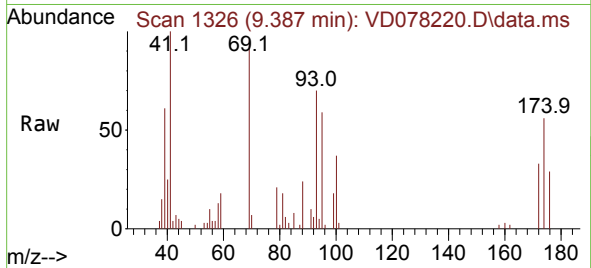




#49
1,4-Dioxane
Concen: 401.192 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

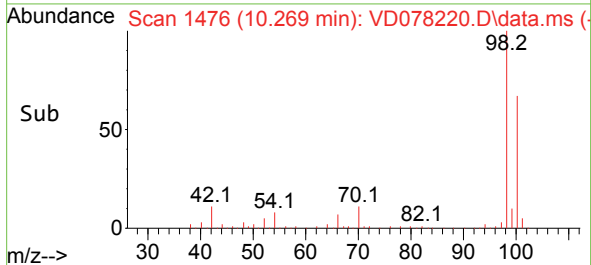
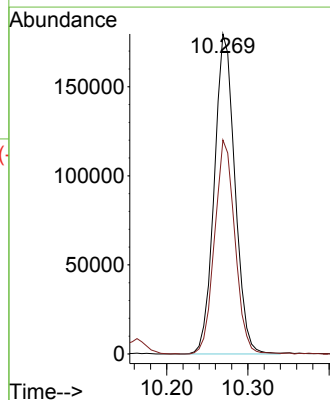
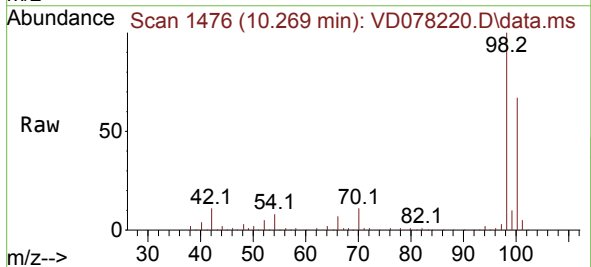
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

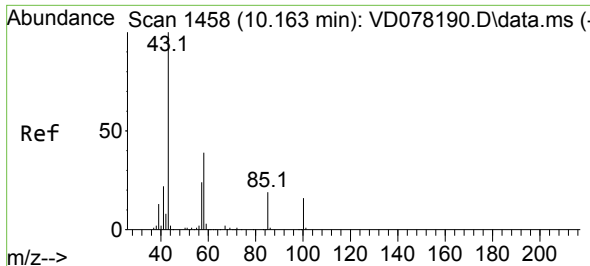
Tgt Ion: 88 Resp: 3938
Ion Ratio Lower Upper
88 100
43 39.3 19.0 28.6#
58 63.9 43.5 65.3



#50
Toluene-d8
Concen: 50.145 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 98 Resp: 316733
Ion Ratio Lower Upper
98 100
100 66.1 50.3 75.5

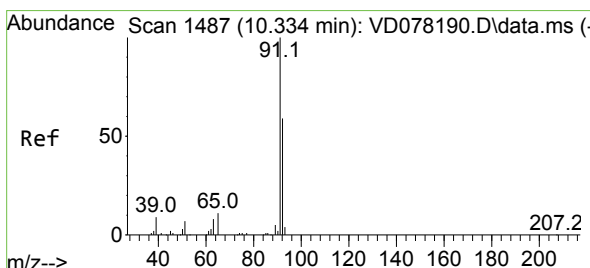
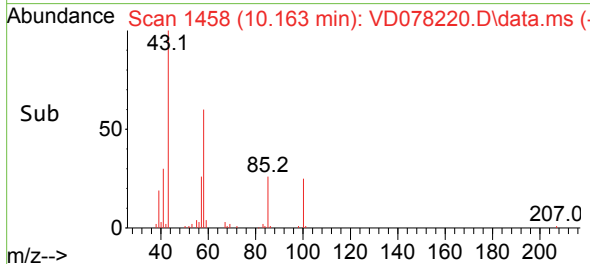
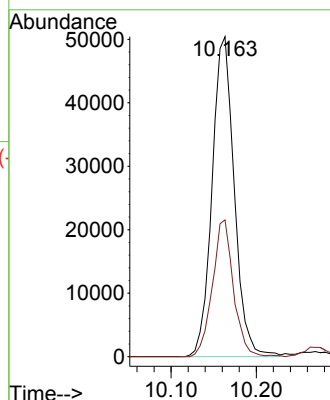
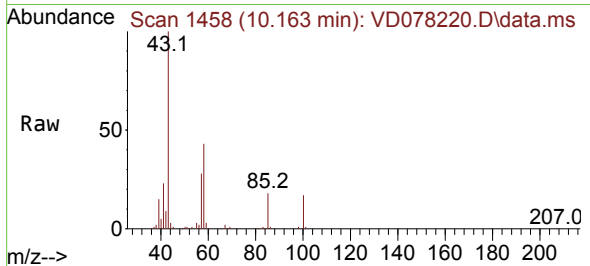




#51
4-Methyl-2-Pentanone
Concen: 96.927 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

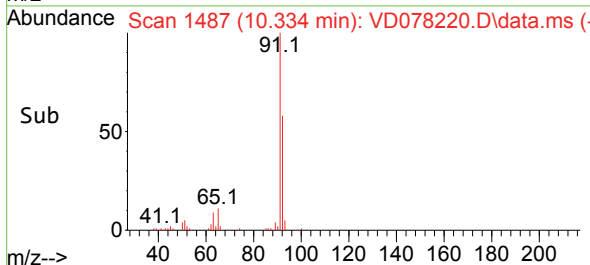
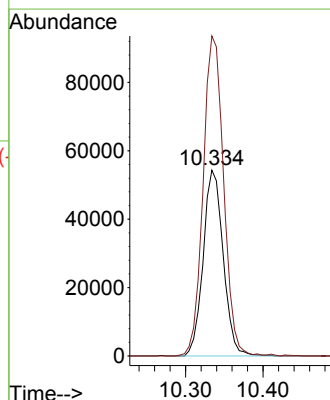
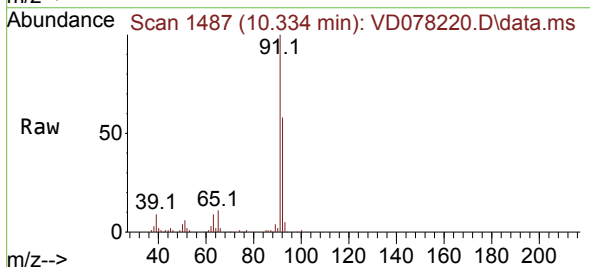
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

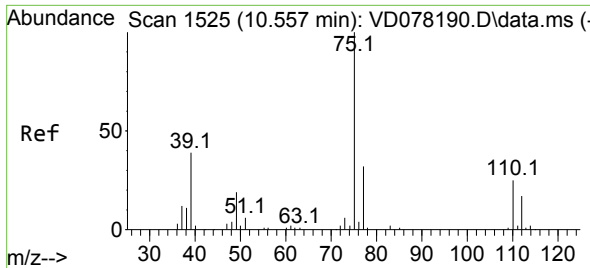
Tgt Ion: 43 Resp: 91127
Ion Ratio Lower Upper
43 100
58 40.6 38.9 58.3



#52
Toluene
Concen: 20.677 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 92 Resp: 97565
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4

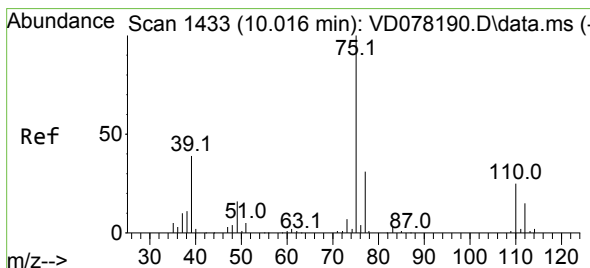
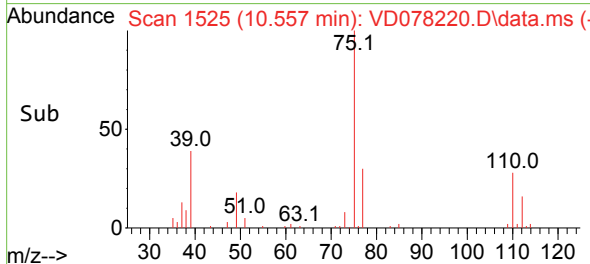
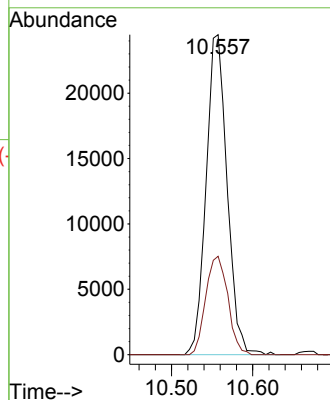
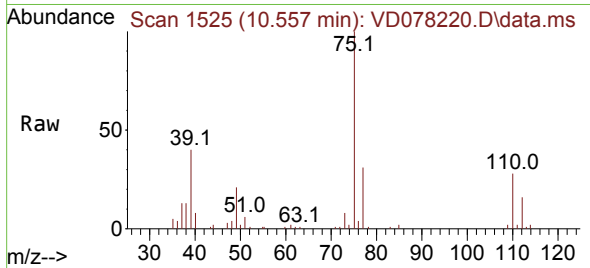




#53
t-1,3-Dichloropropene
Concen: 18.679 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

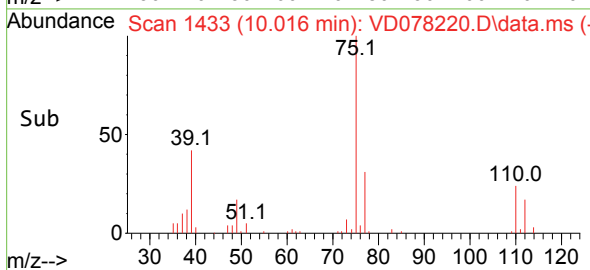
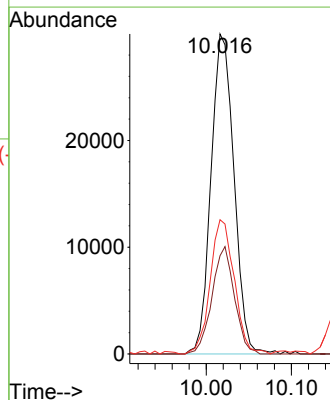
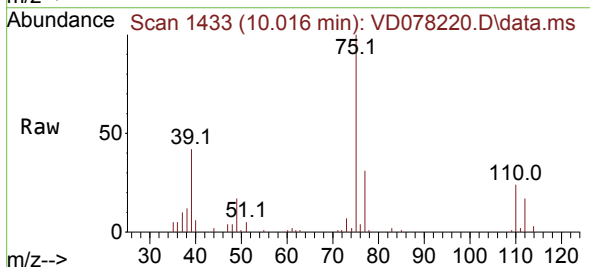
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

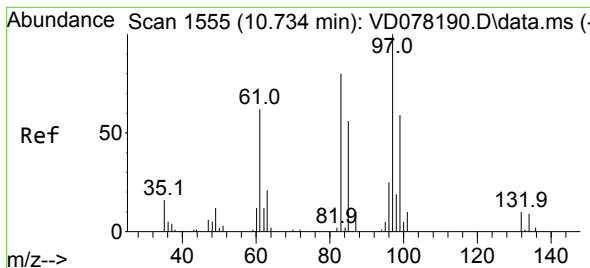
Tgt Ion: 75 Resp: 43912
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.936 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 75 Resp: 56184
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 42.0 22.1 33.1#

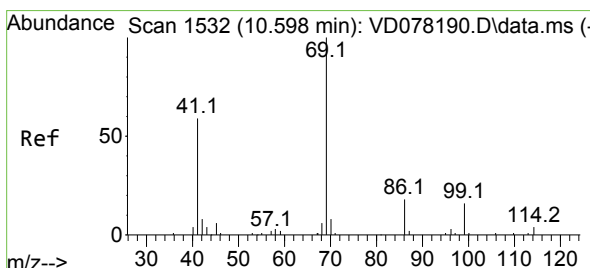
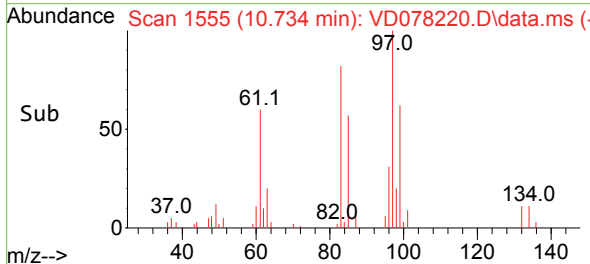
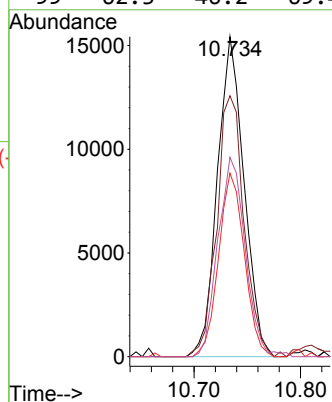
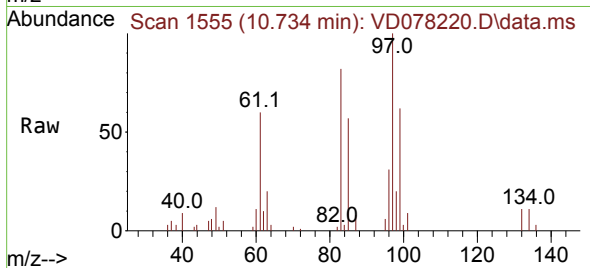




#55
1,1,2-Trichloroethane
Concen: 19.713 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

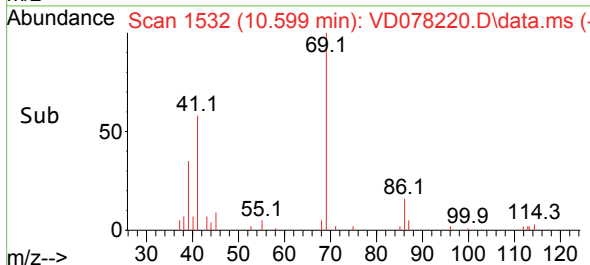
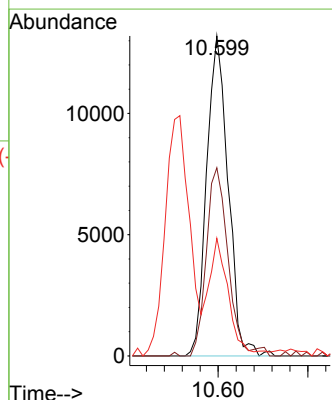
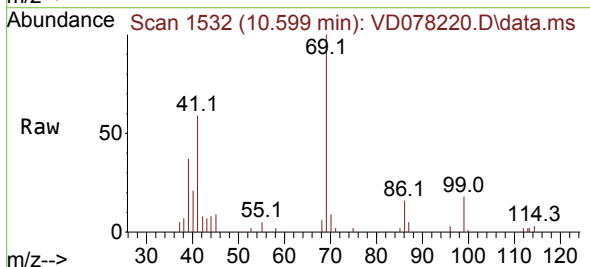
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

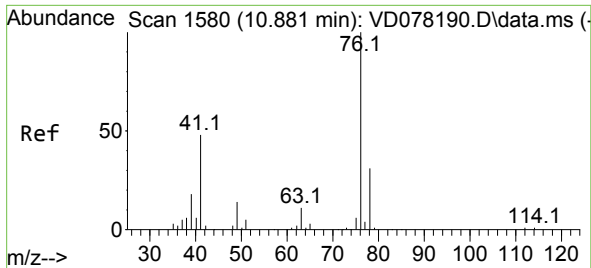
Tgt Ion: 97	Resp: 26759
Ion Ratio	Lower Upper
97 100	
83 81.6	65.8 98.6
85 57.4	45.7 68.5
99 62.3	46.2 69.4



#56
Ethyl methacrylate
Concen: 19.704 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 69	Resp: 21894
Ion Ratio	Lower Upper
69 100	
41 58.9	39.1 58.7#
39 34.2	20.0 30.0#

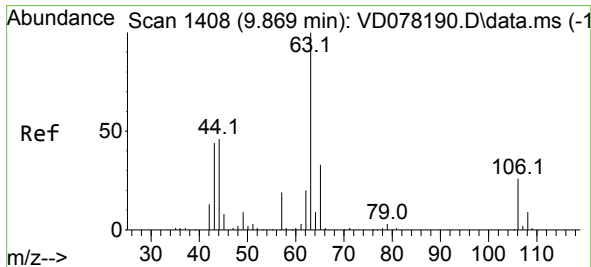
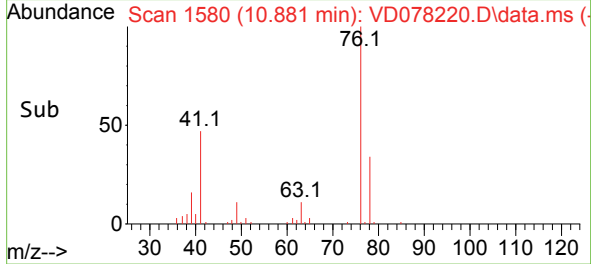
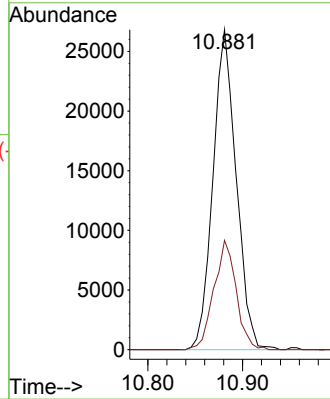
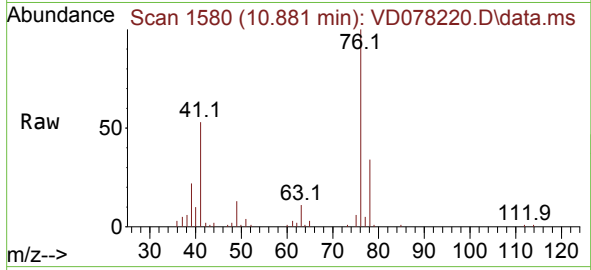




#57
1,3-Dichloropropane
Concen: 19.730 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

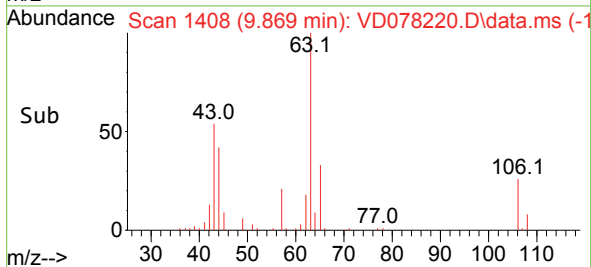
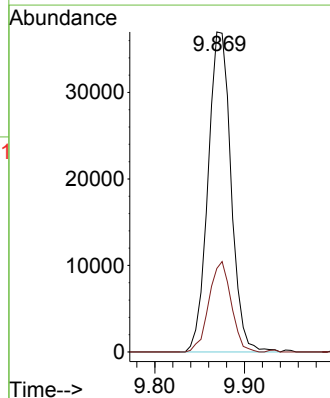
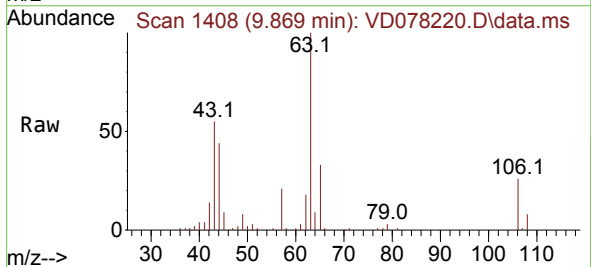
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

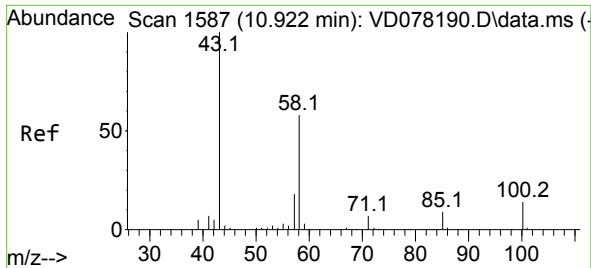
Tgt Ion: 76 Resp: 45800
Ion Ratio Lower Upper
76 100
78 32.8 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 98.979 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 63 Resp: 65909
Ion Ratio Lower Upper
63 100
106 27.3 25.3 37.9

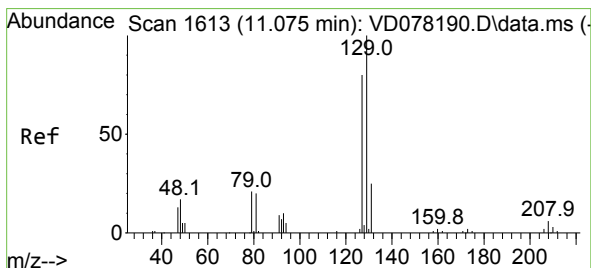
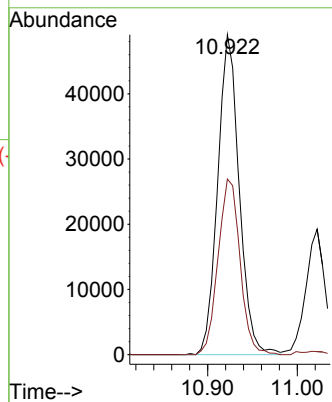
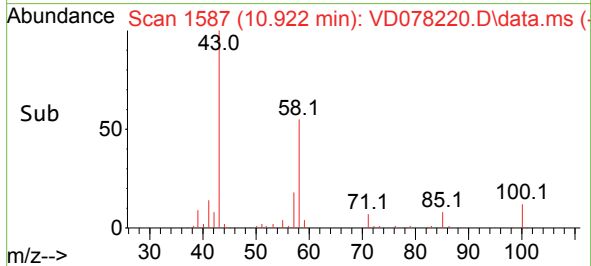
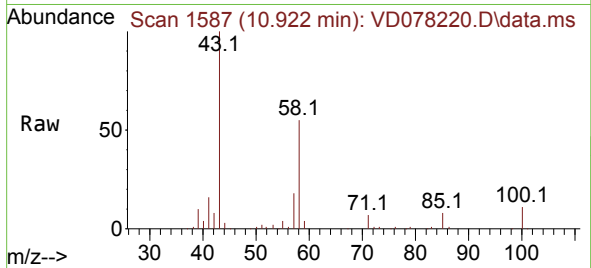




#59
2-Hexanone
Concen: 106.773 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

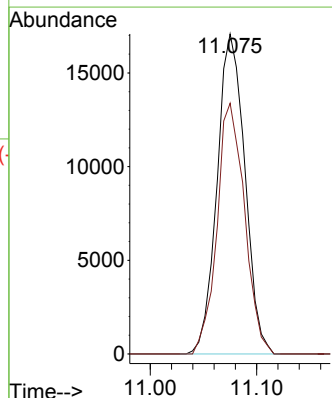
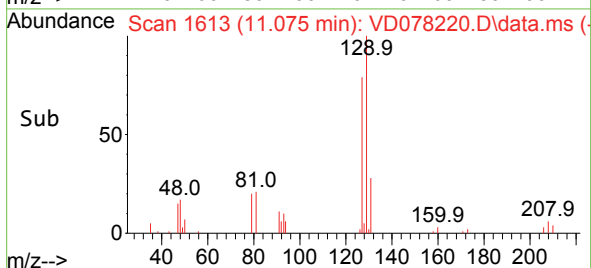
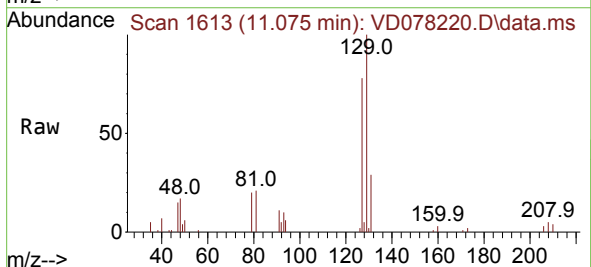
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

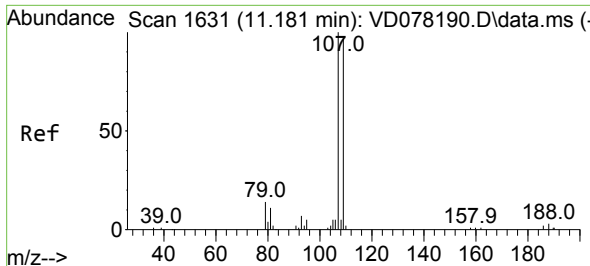
Tgt Ion: 43 Resp: 81574
Ion Ratio Lower Upper
43 100
58 56.1 34.1 102.2



#60
Dibromochloromethane
Concen: 19.335 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 129 Resp: 30943
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5

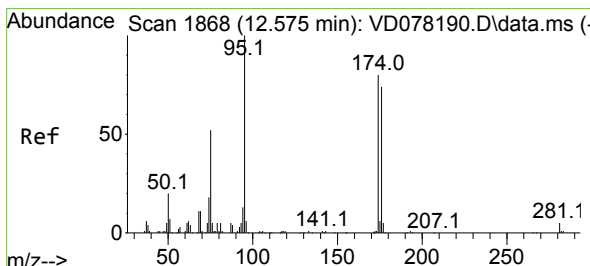
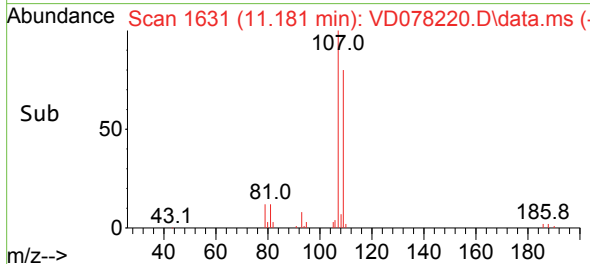
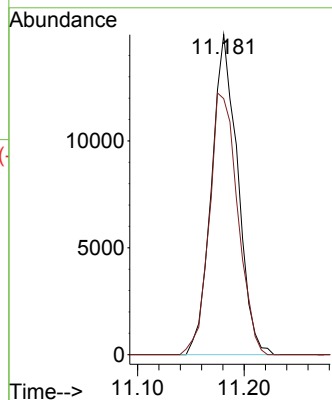
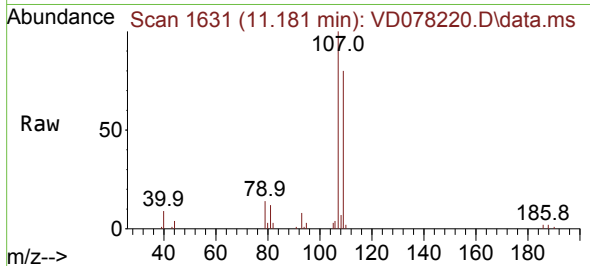




#61
1,2-Dibromoethane
Concen: 20.421 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

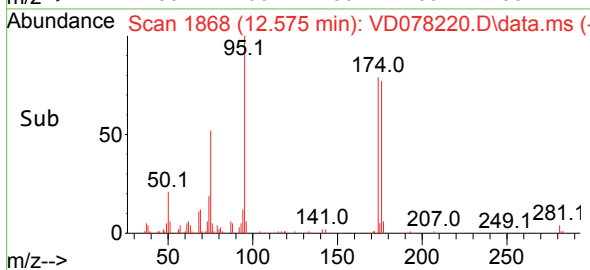
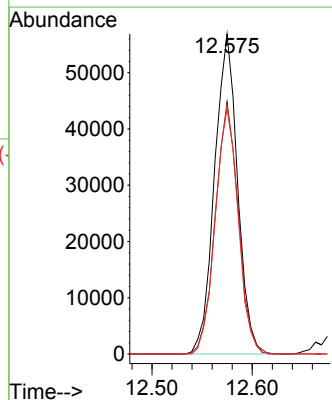
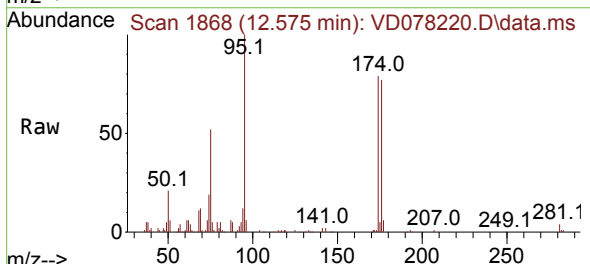
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

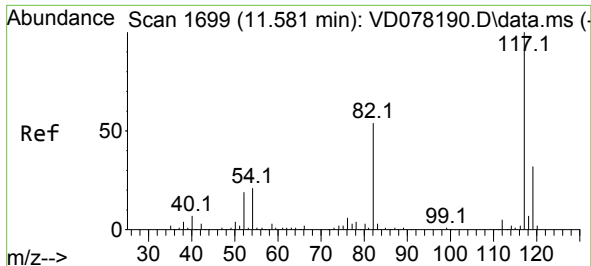
Tgt Ion:107 Resp: 25551
Ion Ratio Lower Upper
107 100
109 88.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.311 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 95 Resp: 90326
Ion Ratio Lower Upper
95 100
174 78.8 0.0 201.8
176 76.5 0.0 191.8

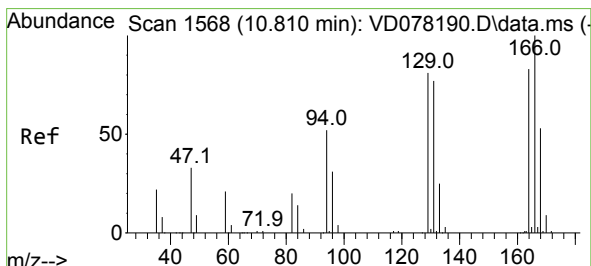
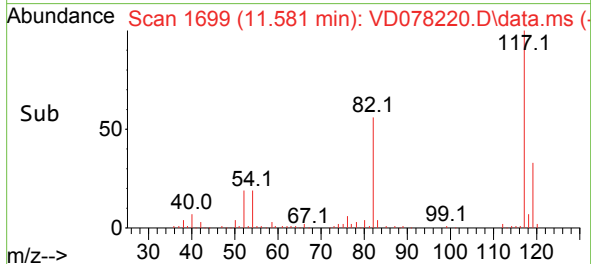
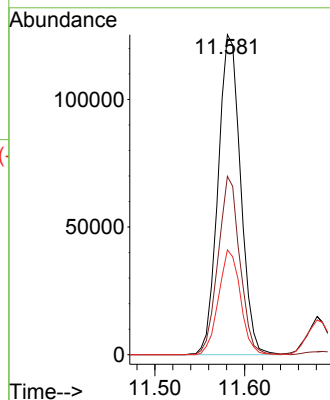
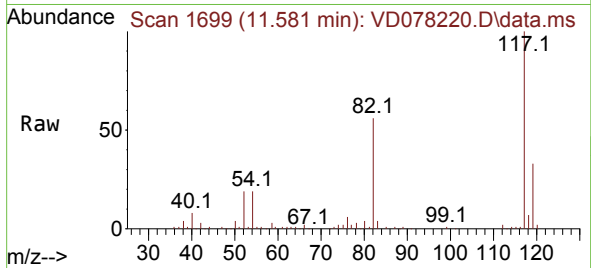




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

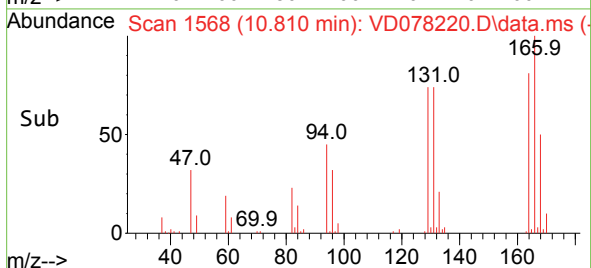
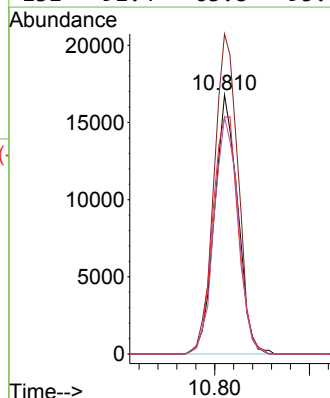
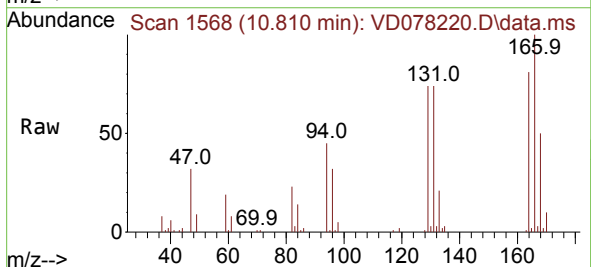
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

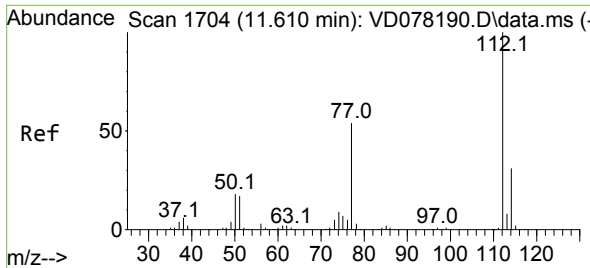
Tgt Ion:117 Resp: 218125
Ion Ratio Lower Upper
117 100
82 55.7 38.3 57.5
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 20.199 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion:164 Resp: 28809
Ion Ratio Lower Upper
164 100
166 123.5 99.2 148.8
129 91.4 68.4 102.6
131 91.4 63.8 95.8

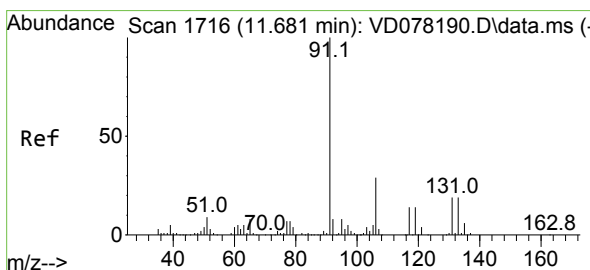
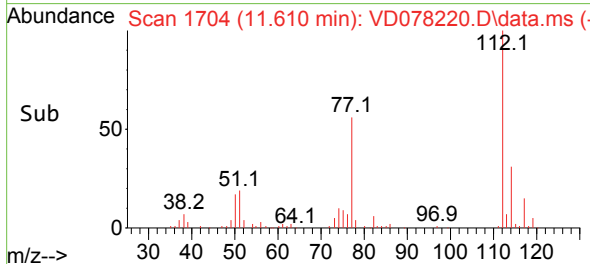
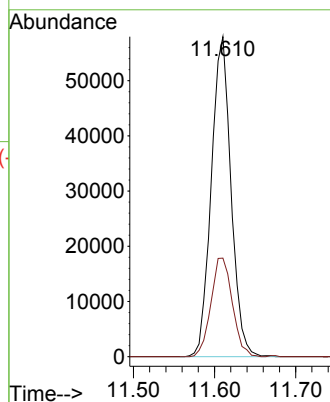
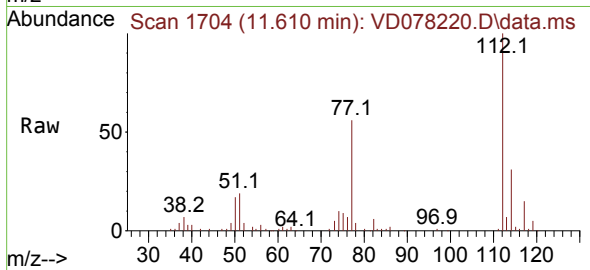




#65
Chlorobenzene
Concen: 20.317 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

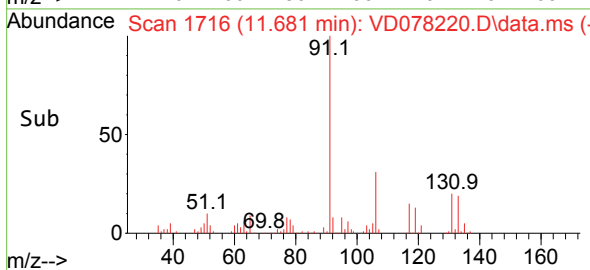
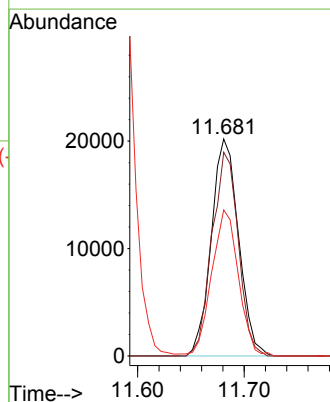
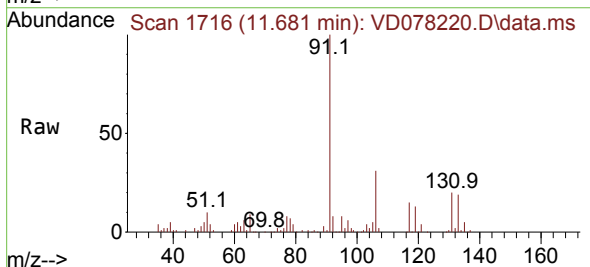
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

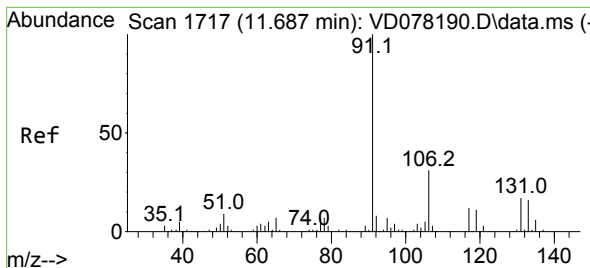
Tgt Ion:112 Resp: 97896
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.850 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion:131 Resp: 35903
Ion Ratio Lower Upper
131 100
133 90.6 48.5 145.5
119 66.1 35.6 106.9





#67

Ethyl Benzene

Concen: 20.309 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

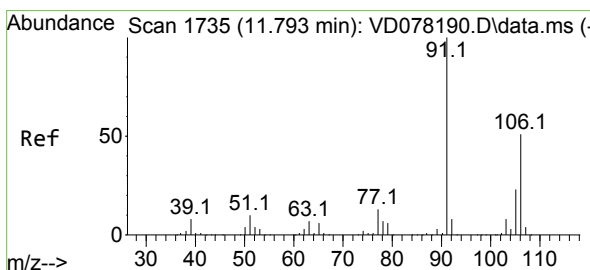
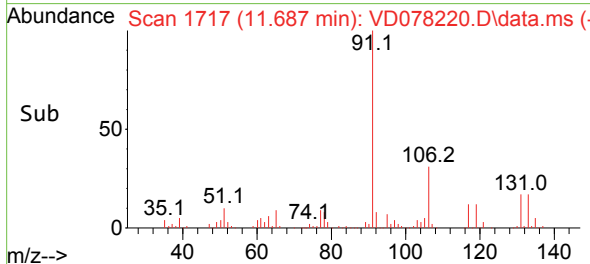
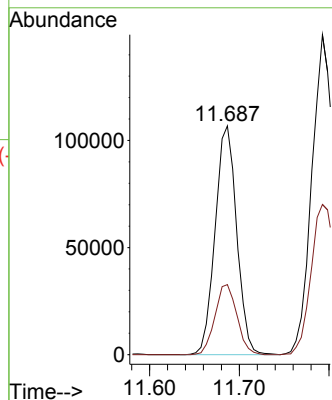
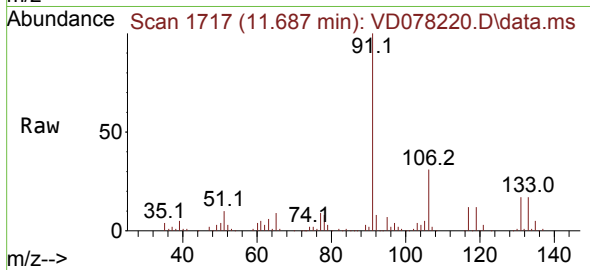
VD0124SBSD01

Tgt Ion: 91 Resp: 178078

Ion Ratio Lower Upper

91 100

106 30.6 26.5 39.7



#68

m/p-Xylenes

Concen: 40.549 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078220.D

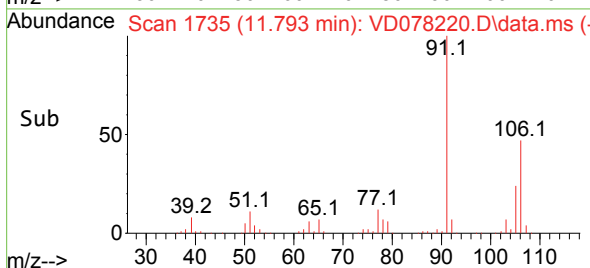
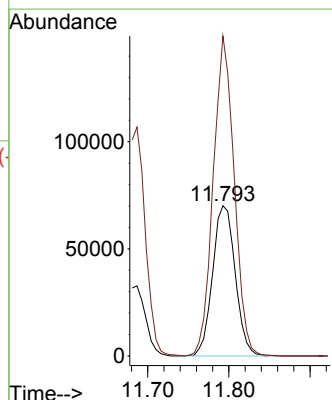
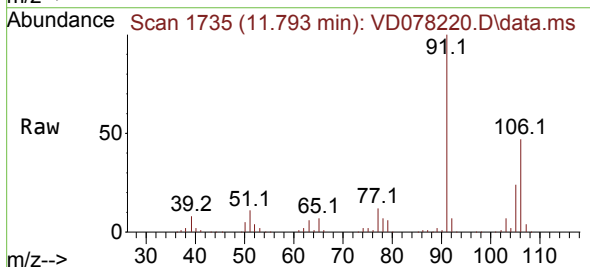
Acq: 24 Jan 2024 13:27

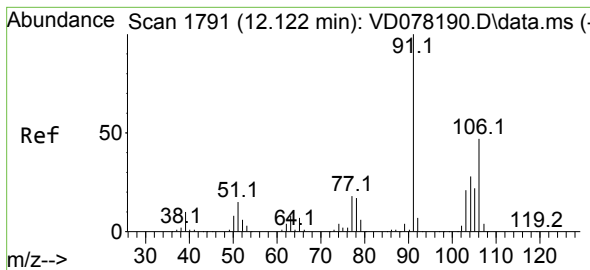
Tgt Ion:106 Resp: 135795

Ion Ratio Lower Upper

106 100

91 197.8 147.0 220.6

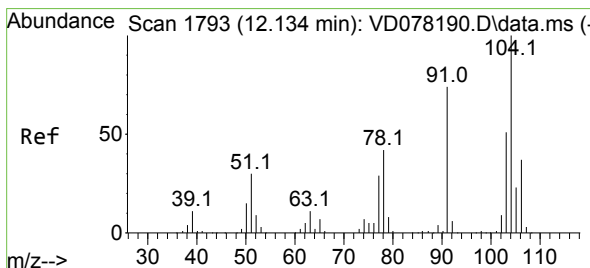
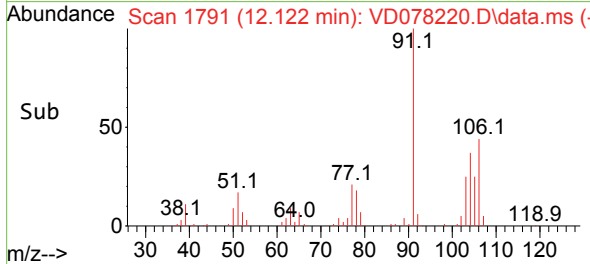
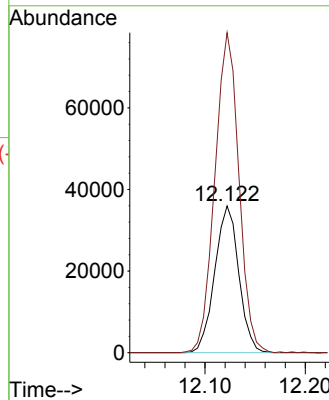
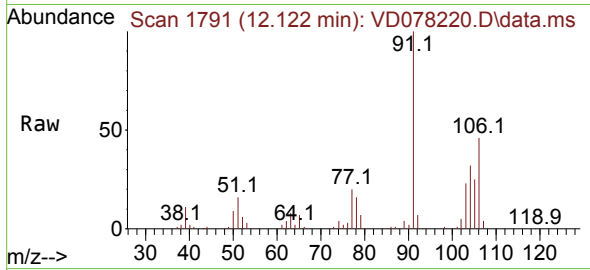




#69
o-Xylene
Concen: 19.635 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

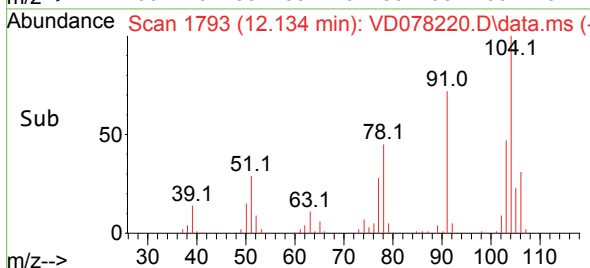
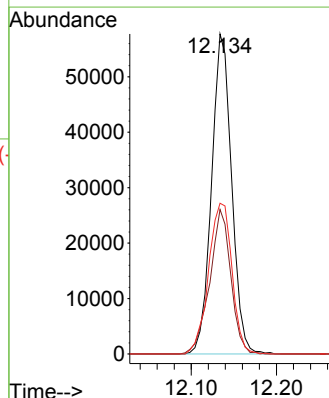
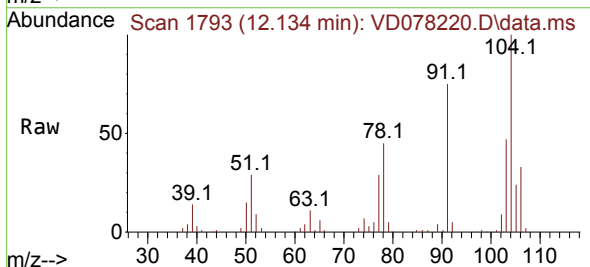
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

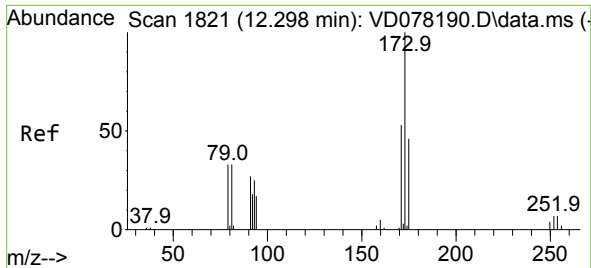
Tgt Ion:106 Resp: 59677
Ion Ratio Lower Upper
106 100
91 218.4 97.9 293.6



#70
Styrene
Concen: 20.721 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion:104 Resp: 94369
Ion Ratio Lower Upper
104 100
78 47.5 33.2 49.8
103 54.9 43.6 65.4

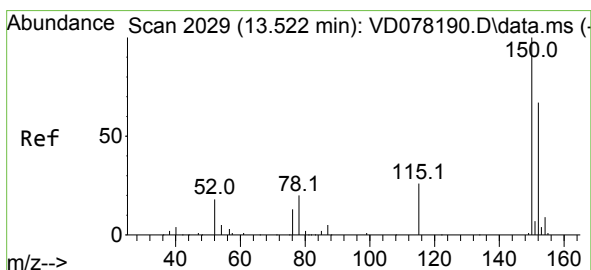
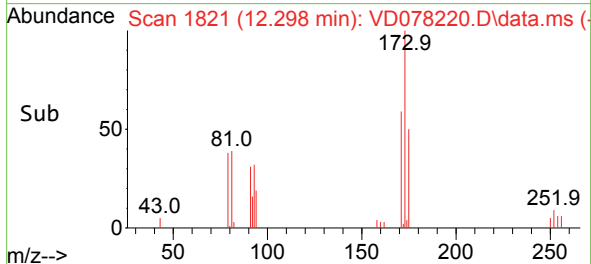
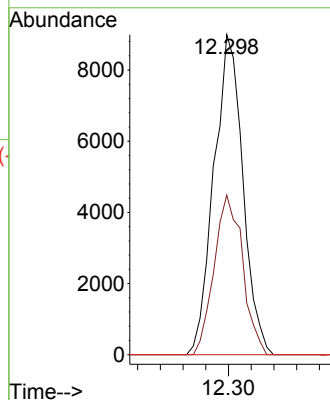
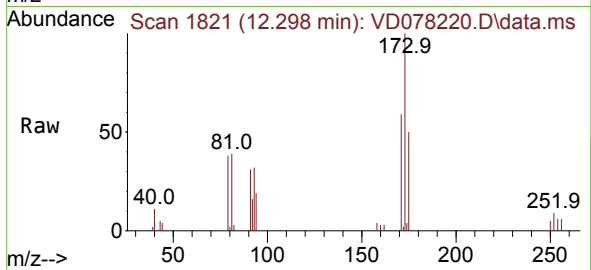




#71
Bromoform
Concen: 18.668 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

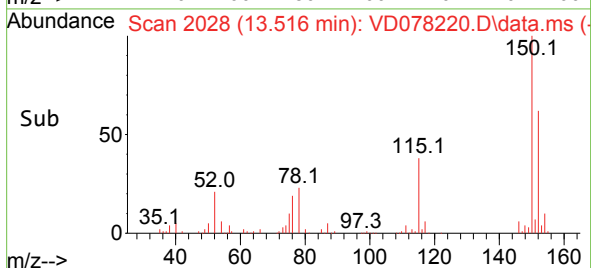
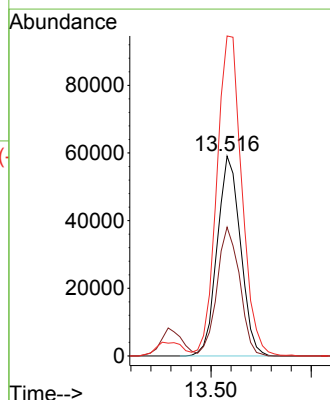
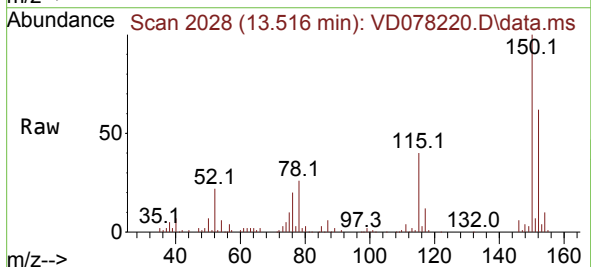
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

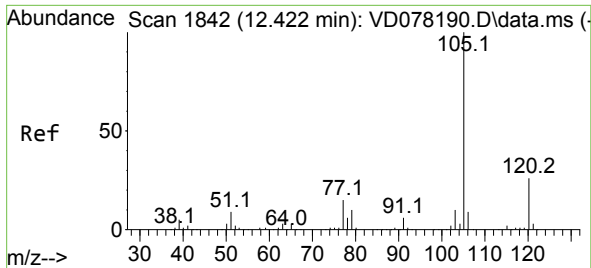
Tgt Ion:173 Resp: 15919
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion:152 Resp: 95281
Ion Ratio Lower Upper
152 100
115 62.8 27.1 81.3
150 172.5 0.0 353.6

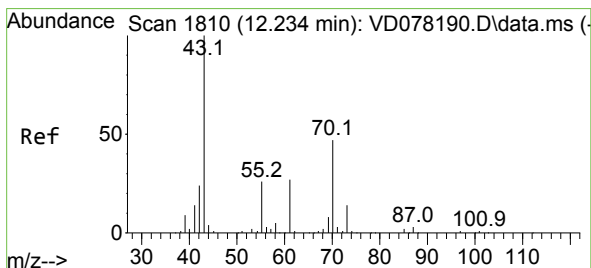
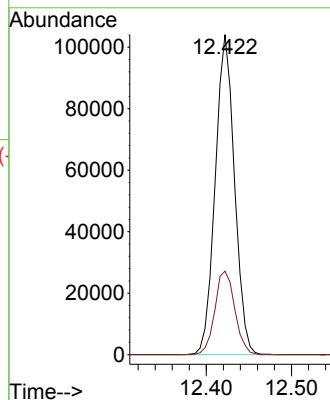
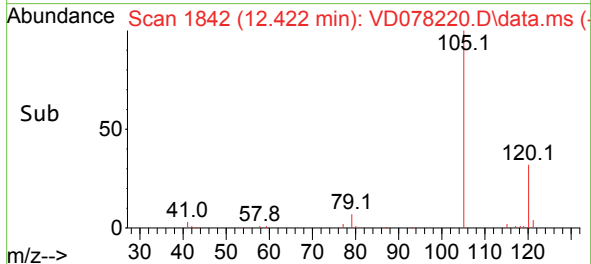
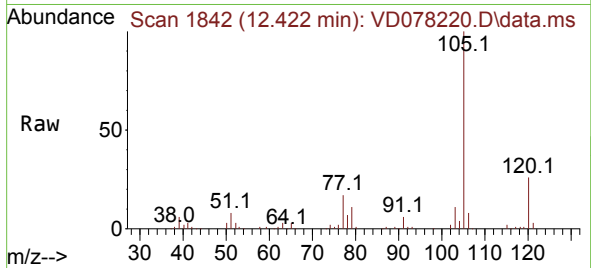




#73
Isopropylbenzene
Concen: 21.828 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

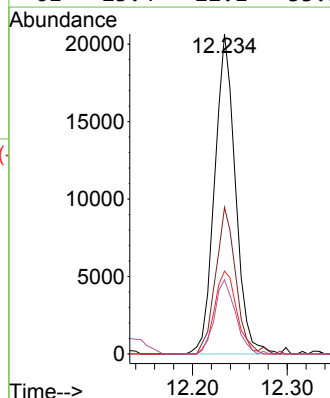
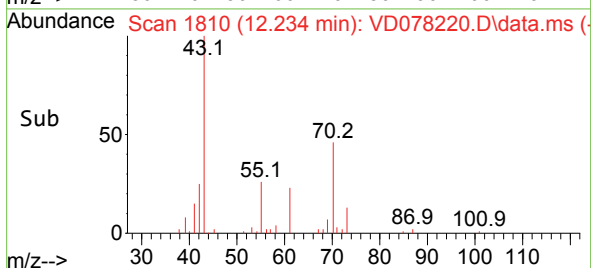
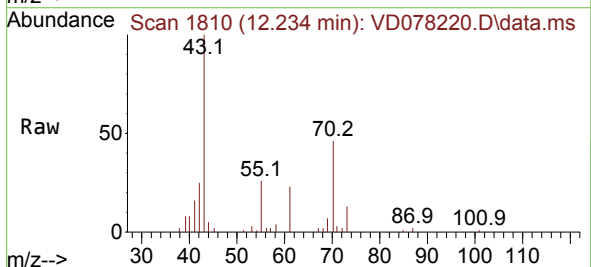
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

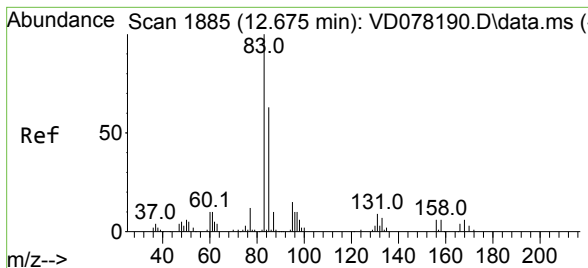
Tgt Ion:105 Resp: 163531
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9



#74
N-ethyl acetate
Concen: 21.978 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 43 Resp: 31501
Ion Ratio Lower Upper
43 100
70 44.9 45.0 67.4#
55 27.6 23.8 35.6
61 23.4 22.1 33.1

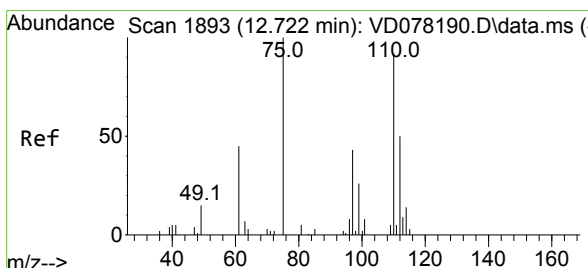
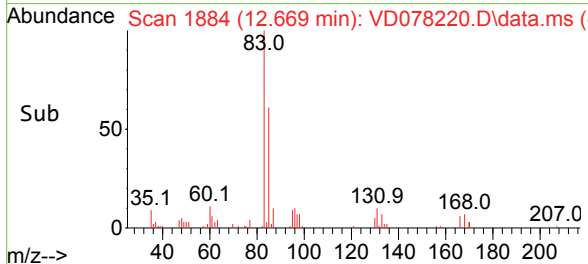
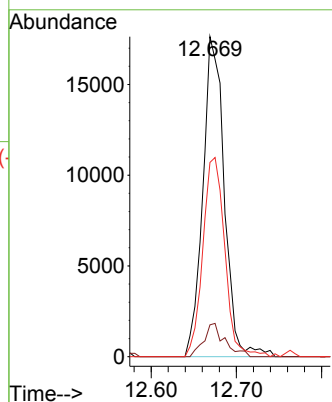
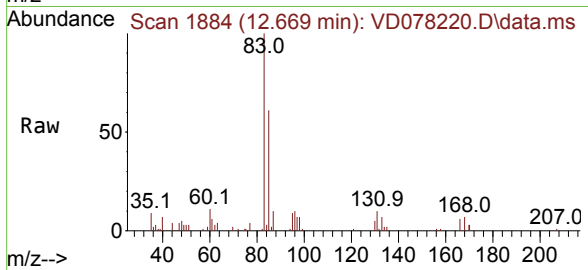




#75
1,1,2,2-Tetrachloroethane
Concen: 22.141 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

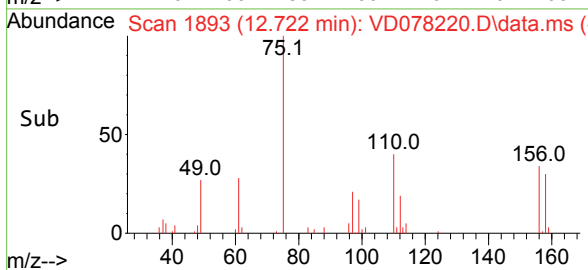
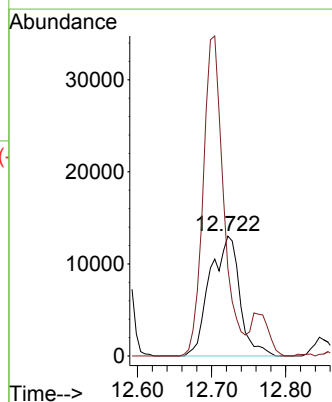
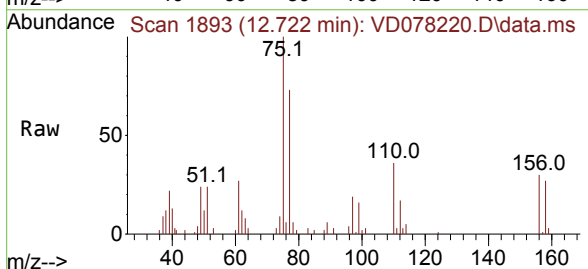
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

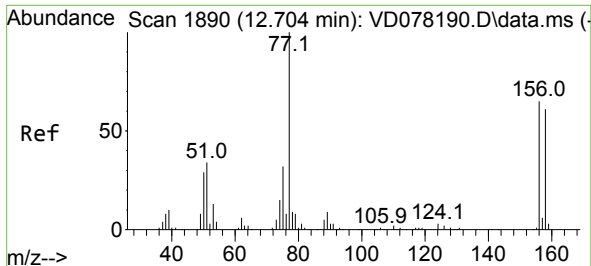
Tgt Ion: 83 Resp: 30865
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 39.790 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 75 Resp: 36363
Ion Ratio Lower Upper
75 100
77 183.3 0.0 0.0#

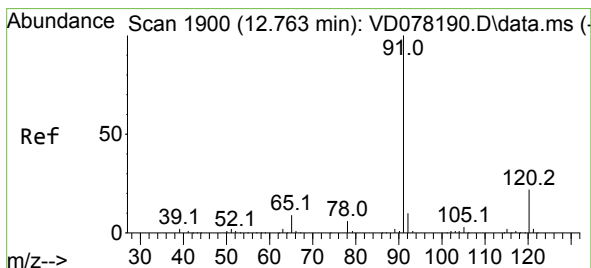
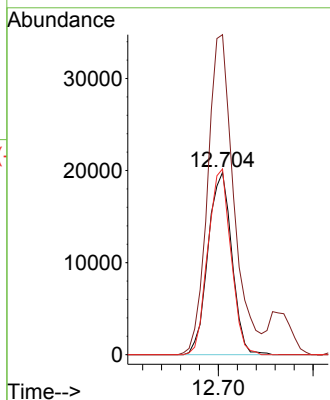
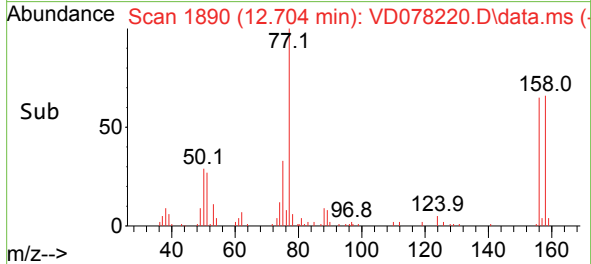
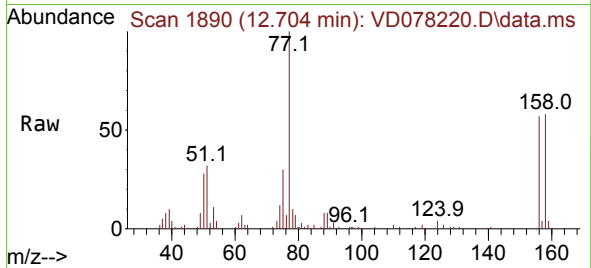




#77
Bromobenzene
Concen: 21.033 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

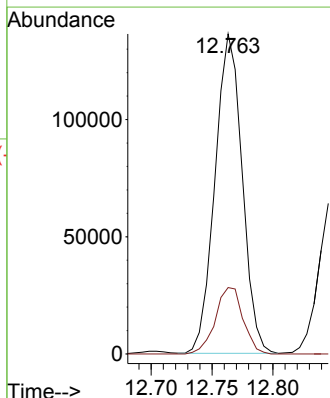
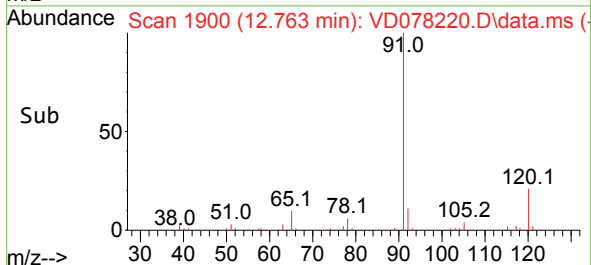
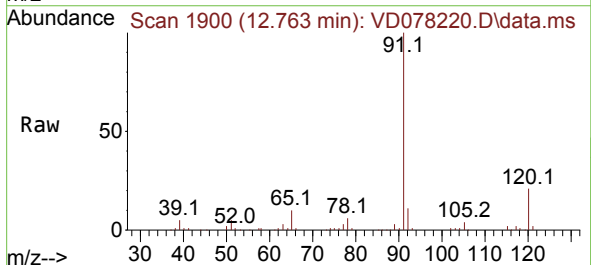
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

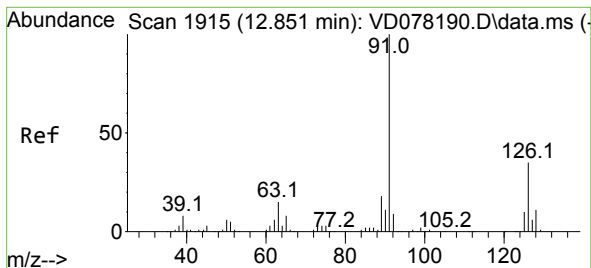
Tgt Ion:156 Resp: 34547
Ion Ratio Lower Upper
156 100
77 192.9 76.8 230.4
158 98.6 48.6 145.9



#78
n-propylbenzene
Concen: 22.776 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 91 Resp: 211625
Ion Ratio Lower Upper
91 100
120 21.2 12.4 37.2





#79

2-Chlorotoluene

Concen: 22.099 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

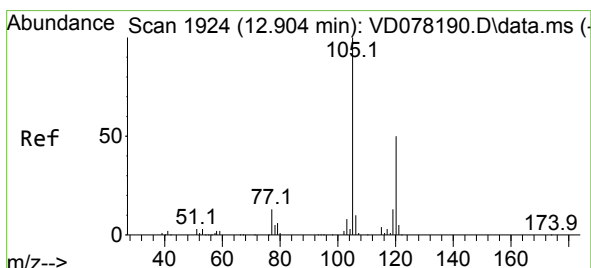
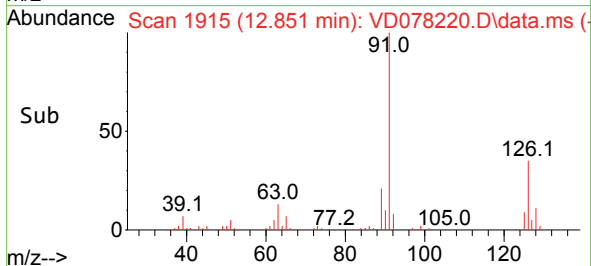
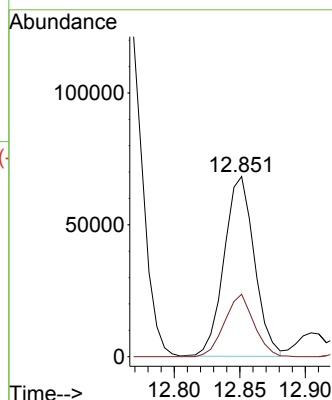
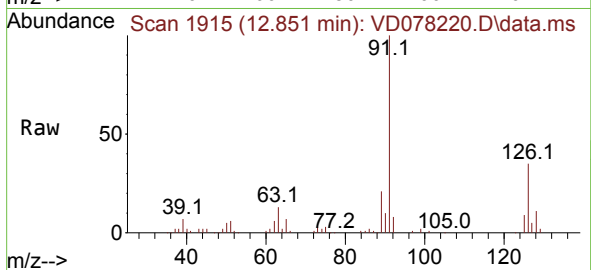
VD0124SBSD01

Tgt Ion: 91 Resp: 109576

Ion Ratio Lower Upper

91 100

126 33.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 22.160 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078220.D

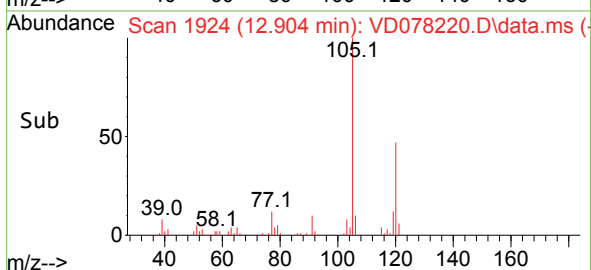
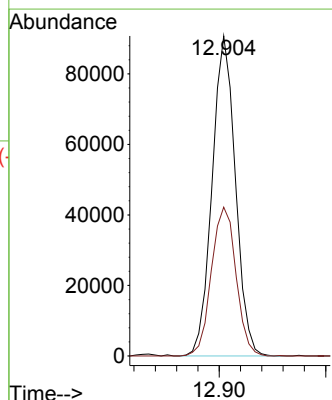
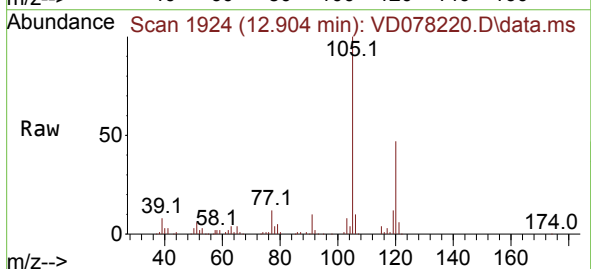
Acq: 24 Jan 2024 13:27

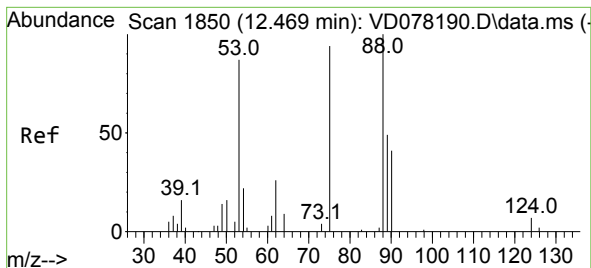
Tgt Ion:105 Resp: 137658

Ion Ratio Lower Upper

105 100

120 49.1 26.4 79.2

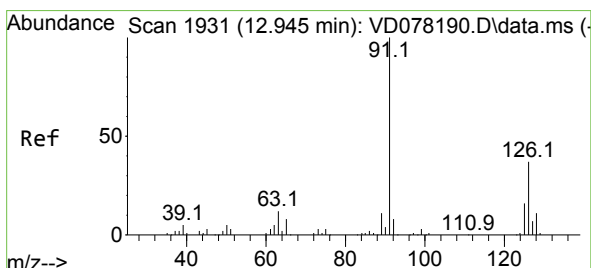
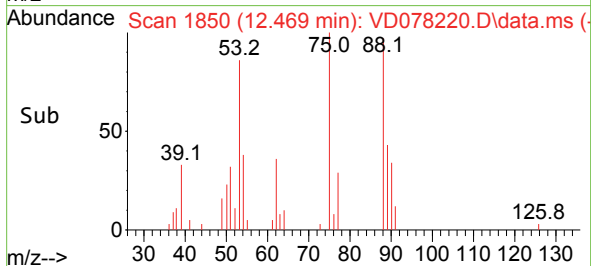
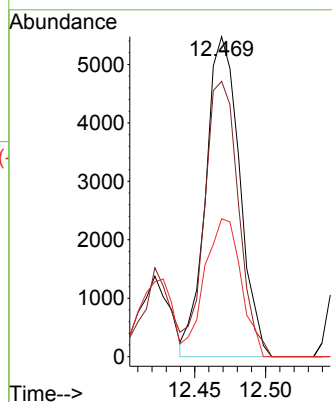
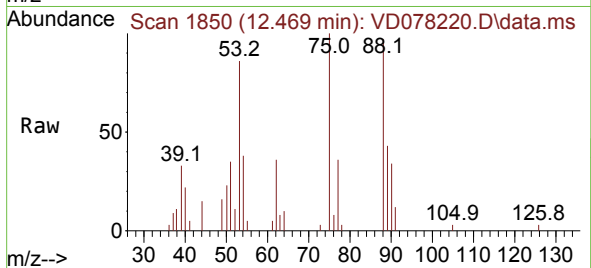




#81
trans-1,4-Dichloro-2-butene
Concen: 21.364 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

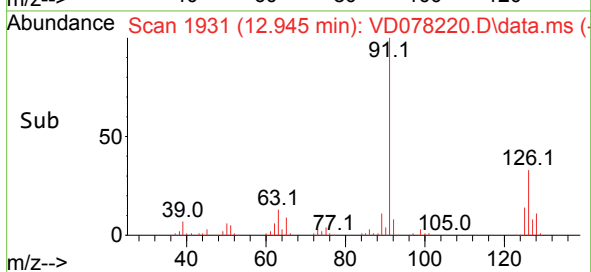
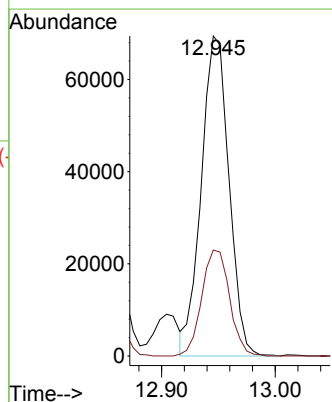
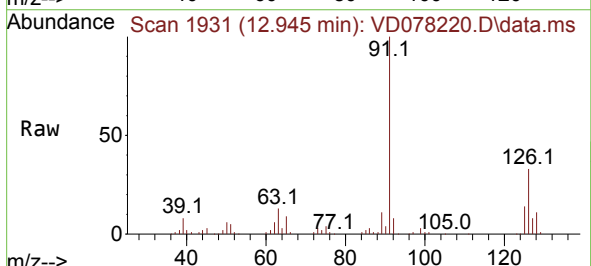
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01

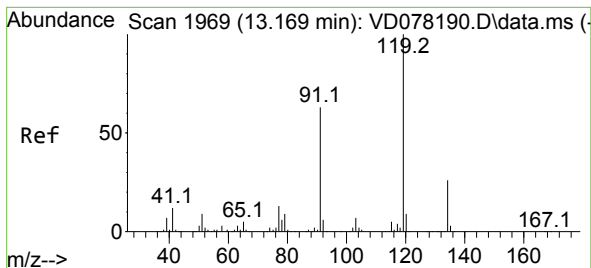
Tgt Ion: 75 Resp: 9064
Ion Ratio Lower Upper
75 100
53 86.4 63.0 94.4
89 46.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 22.474 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

Tgt Ion: 91 Resp: 117468
Ion Ratio Lower Upper
91 100
126 33.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 22.134 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBSD01

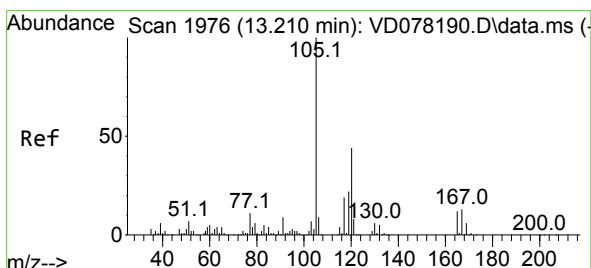
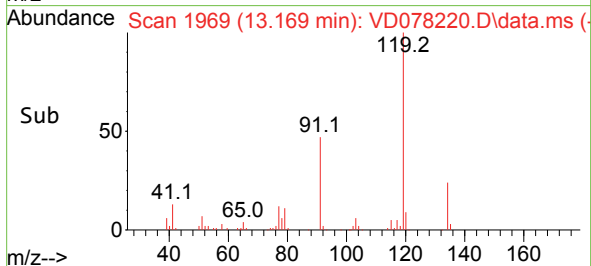
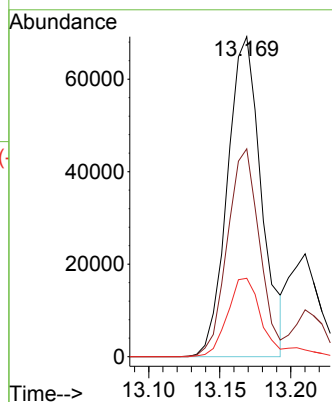
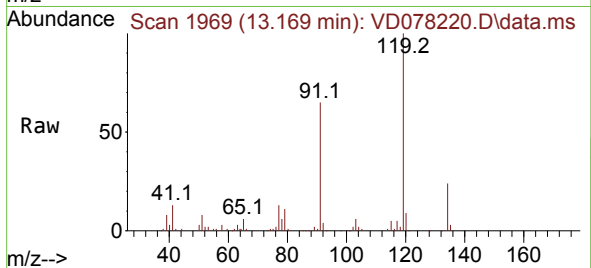
Tgt Ion:119 Resp: 114939

Ion Ratio Lower Upper

119 100

91 61.8 29.3 87.8

134 26.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 22.218 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078220.D

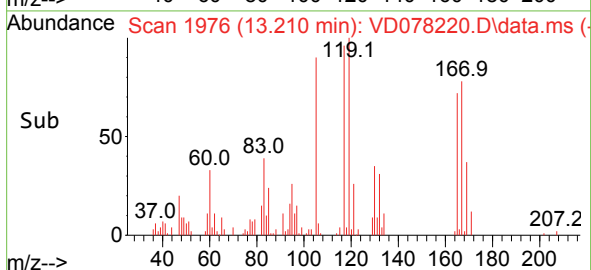
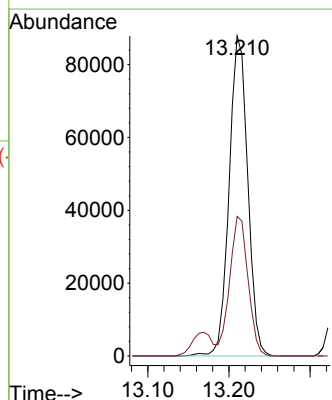
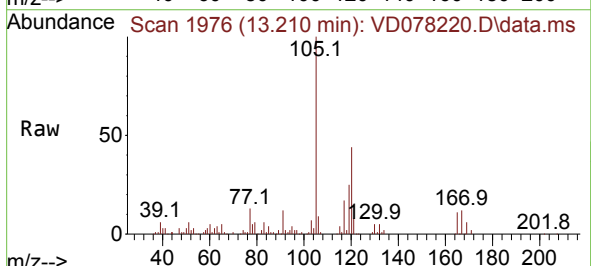
Acq: 24 Jan 2024 13:27

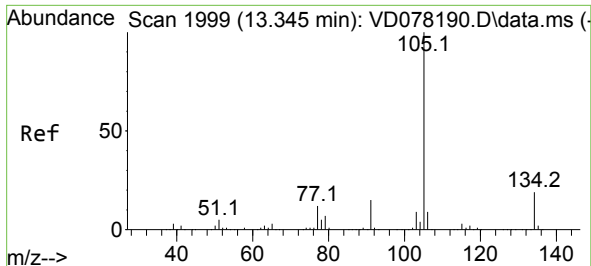
Tgt Ion:105 Resp: 139582

Ion Ratio Lower Upper

105 100

120 42.8 24.3 72.9

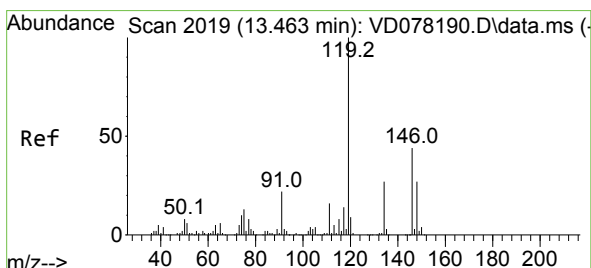
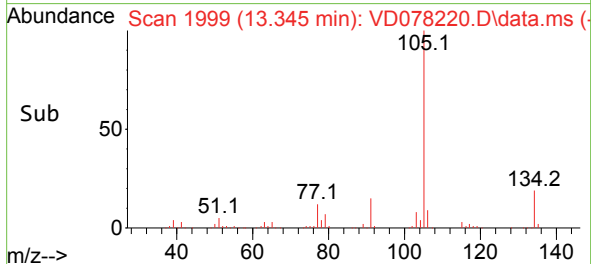
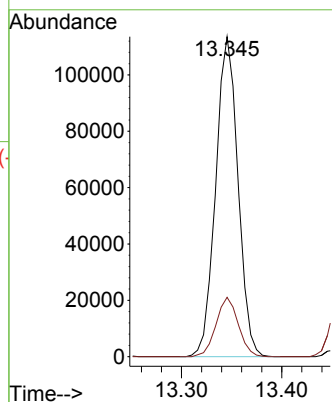
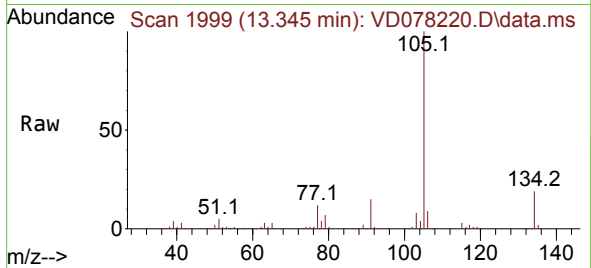




#85
 sec-Butylbenzene
 Concen: 22.217 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078220.D
 Acq: 24 Jan 2024 13:27

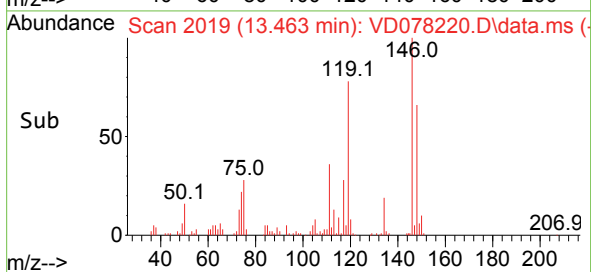
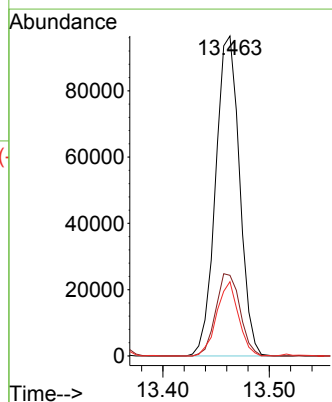
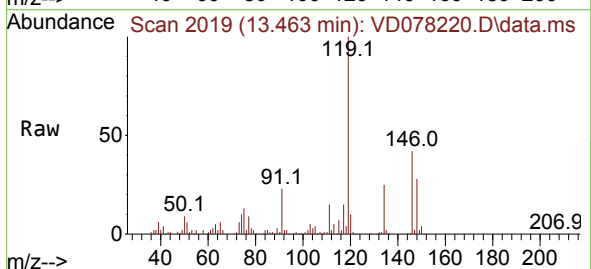
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBSD01

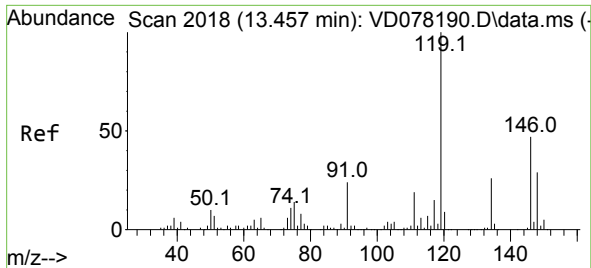
Tgt Ion:105 Resp: 174694
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.987 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078220.D
 Acq: 24 Jan 2024 13:27

Tgt Ion:119 Resp: 150444
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 21.2 10.5 31.5

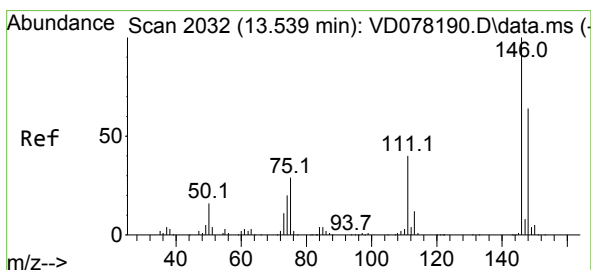
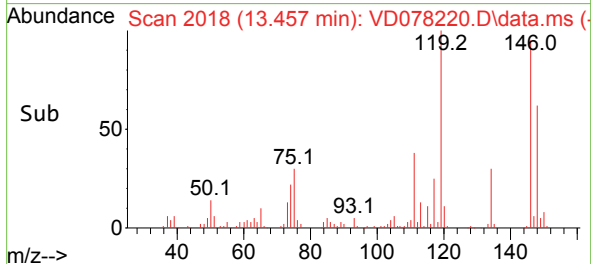
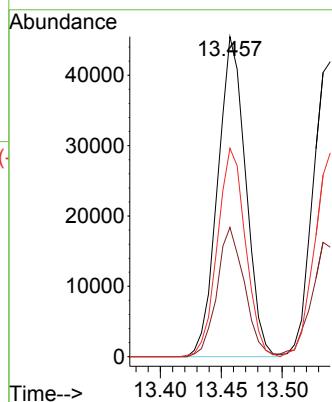
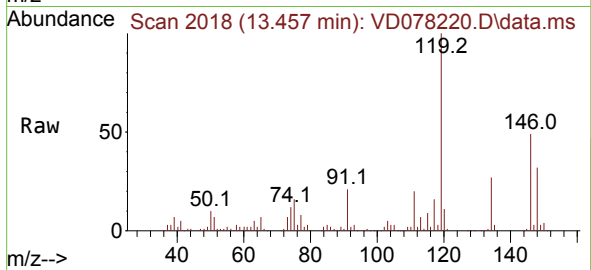




#87
 1,3-Dichlorobenzene
 Concen: 21.448 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078220.D
 Acq: 24 Jan 2024 13:27

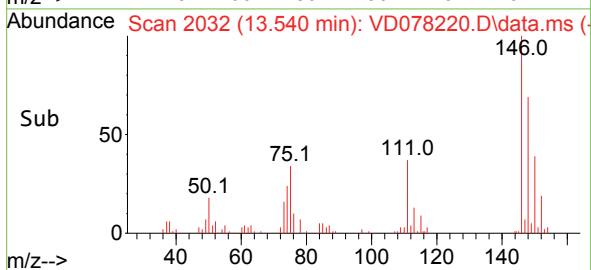
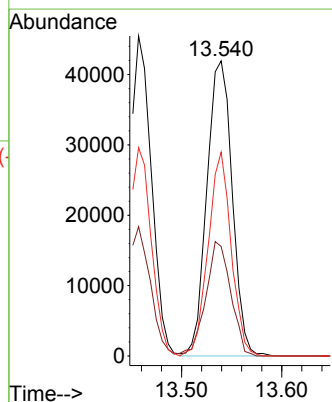
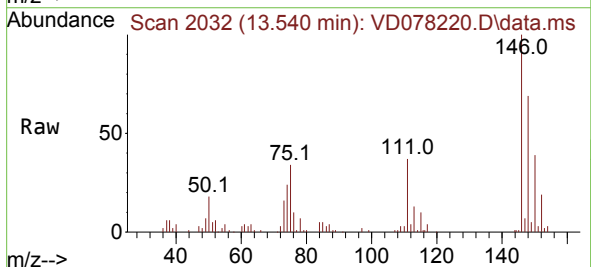
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBSD01

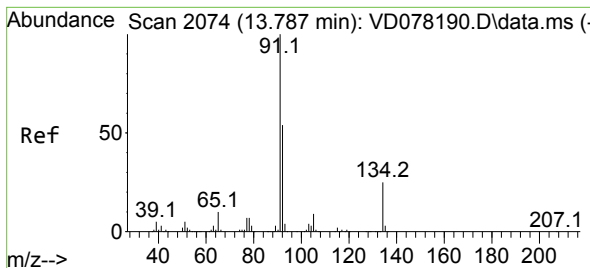
Tgt Ion:146 Resp: 72941
 Ion Ratio Lower Upper
 146 100
 111 39.4 17.9 53.8
 148 65.2 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 21.940 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078220.D
 Acq: 24 Jan 2024 13:27

Tgt Ion:146 Resp: 73713
 Ion Ratio Lower Upper
 146 100
 111 38.3 17.4 52.3
 148 62.8 31.7 95.1





#89

n-Butylbenzene

Concen: 22.110 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBSD01

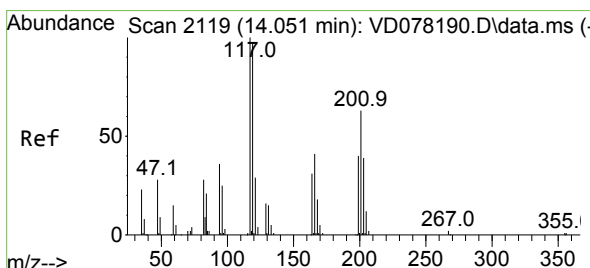
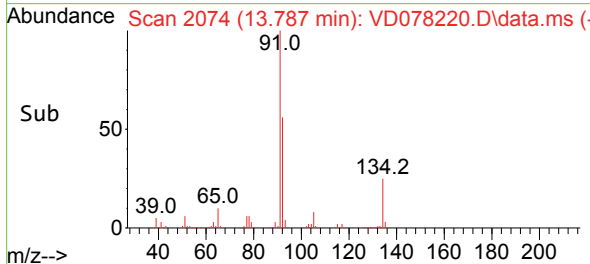
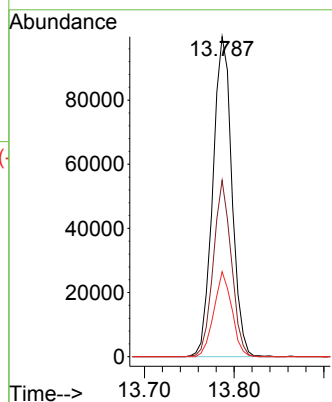
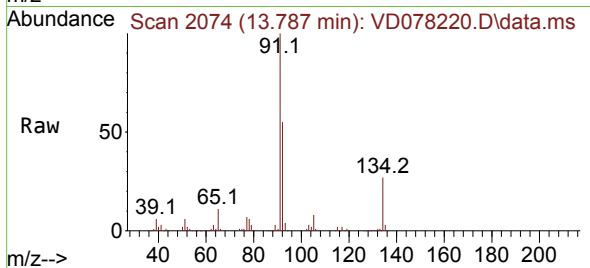
Tgt Ion: 91 Resp: 147274

Ion Ratio Lower Upper

91 100

92 52.2 26.5 79.5

134 25.0 13.8 41.3



#90

Hexachloroethane

Concen: 22.404 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078220.D

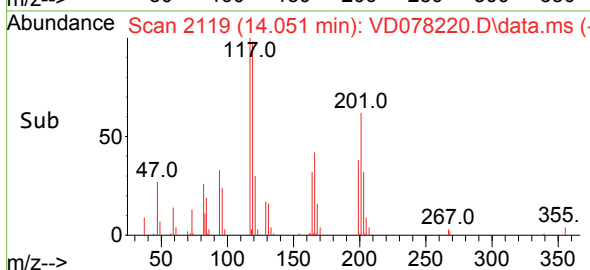
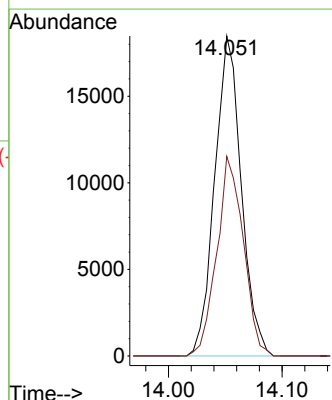
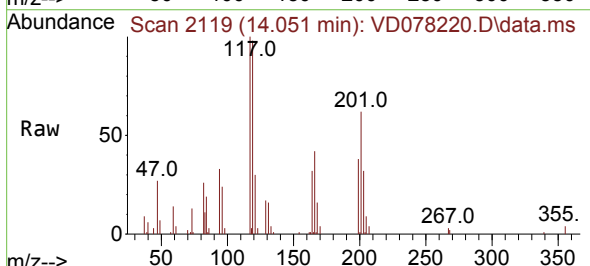
Acq: 24 Jan 2024 13:27

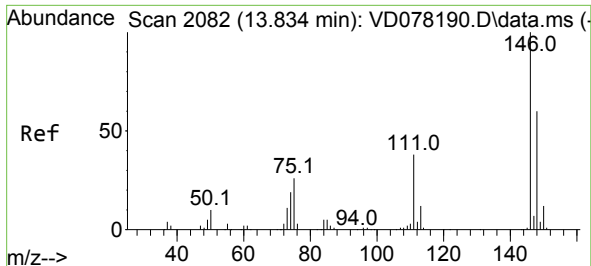
Tgt Ion: 117 Resp: 30071

Ion Ratio Lower Upper

117 100

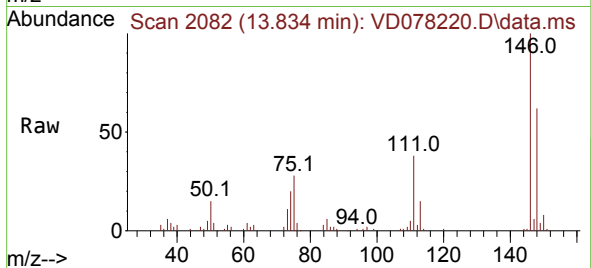
201 62.3 38.5 115.5



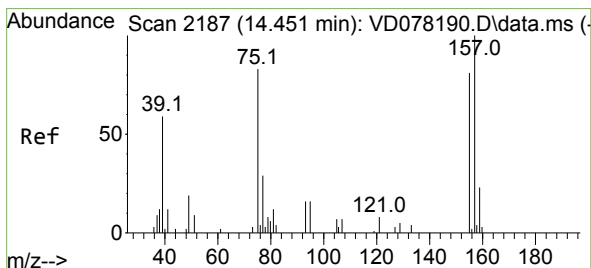
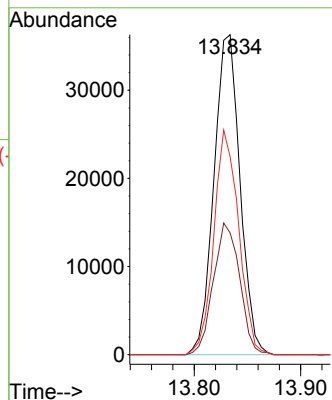
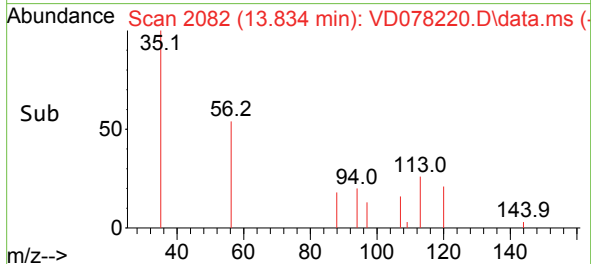


#91
1,2-Dichlorobenzene
Concen: 21.561 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27

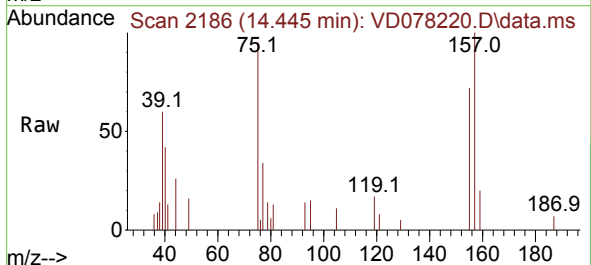
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBSD01



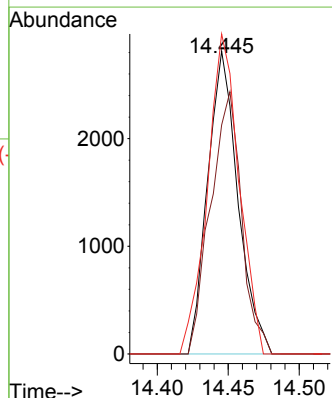
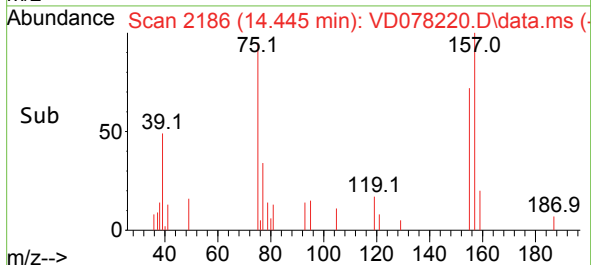
Tgt Ion:146 Resp: 61657
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 67.0 31.6 94.7

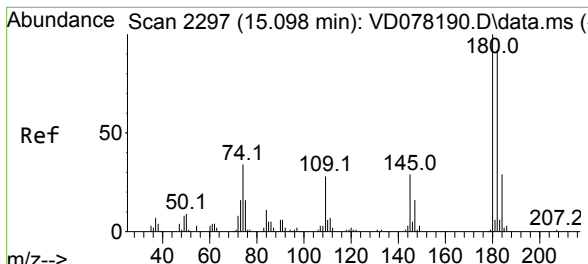


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.967 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078220.D
Acq: 24 Jan 2024 13:27



Tgt Ion: 75 Resp: 4177
Ion Ratio Lower Upper
75 100
155 88.4 47.9 143.8
157 110.6 59.9 179.7

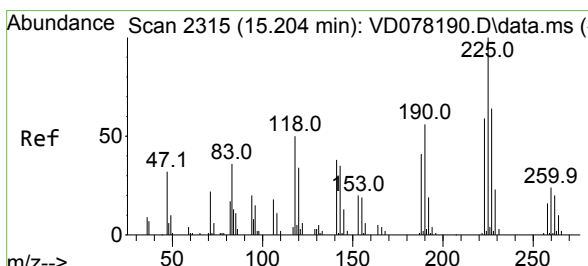
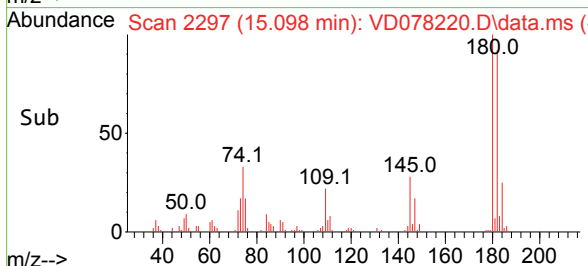
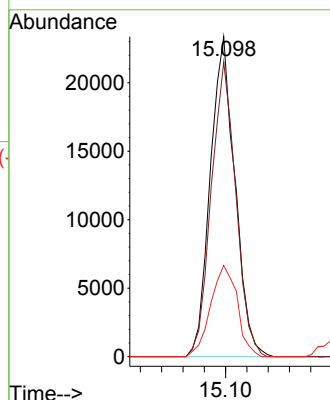
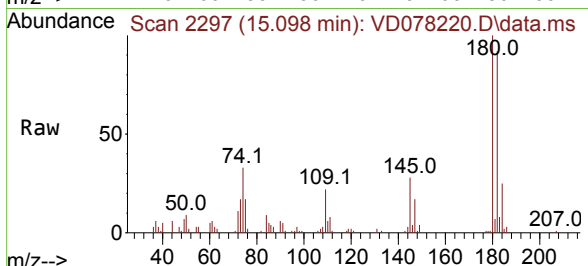




#93
 1,2,4-Trichlorobenzene
 Concen: 21.228 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078220.D
 Acq: 24 Jan 2024 13:27

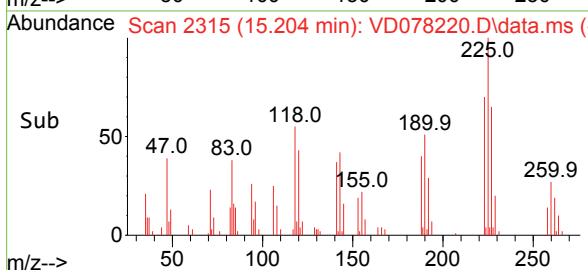
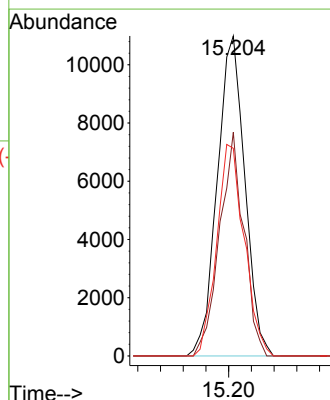
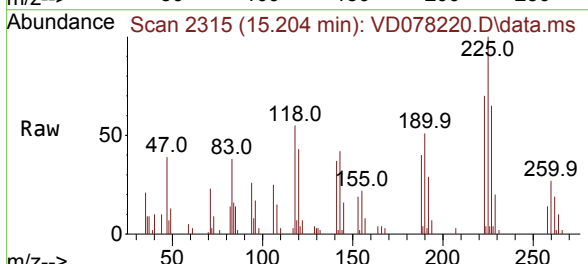
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBSD01

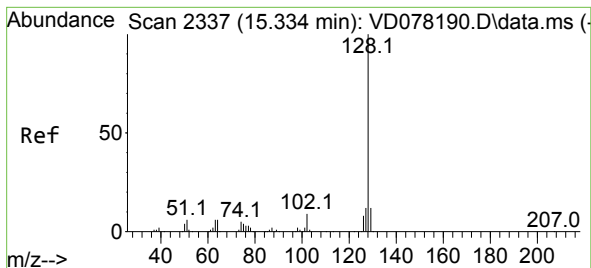
Tgt Ion:	180	Resp:	37524
Ion Ratio	Lower	Upper	
180	100		
182	91.6	48.5	145.6
145	30.7	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 21.693 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078220.D
 Acq: 24 Jan 2024 13:27

Tgt Ion:	225	Resp:	18530
Ion Ratio	Lower	Upper	
225	100		
223	61.7	31.6	94.8
227	66.0	31.7	95.1





#95

Naphthalene

Concen: 20.288 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBSD01

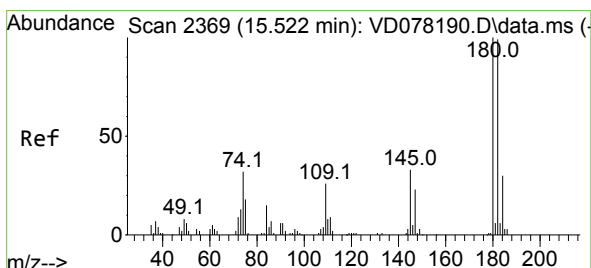
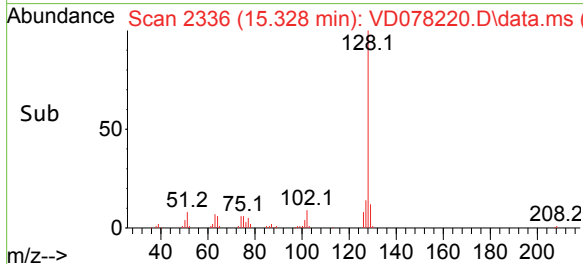
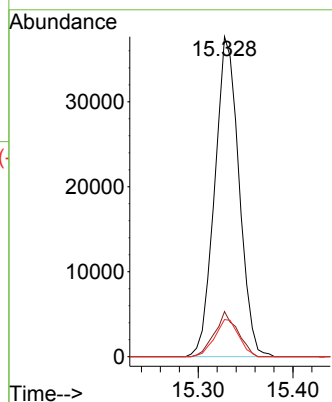
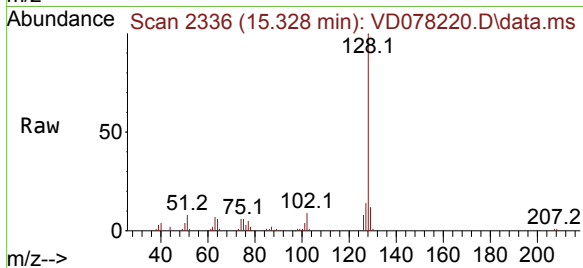
Tgt Ion:128 Resp: 67053

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.162 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078220.D

Acq: 24 Jan 2024 13:27

Tgt Ion:180 Resp: 31386

Ion Ratio Lower Upper

180 100

182 96.8 47.3 141.9

145 32.3 15.1 45.3

