

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD043024\
 Data File : VD078854.D
 Acq On : 30 Apr 2024 14:31
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 01 09:51:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 01 09:47:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	165034	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	174499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	95361	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	91387	20.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.400%
7) Chloroethane-d5	2.805	69	105730	24.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.760%
11) 1,1-Dichloroethene-d2	3.922	65	19006	22.762	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.040%
21) 2-Butanone-d5	6.987	46	28943	66.820	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.640%
24) Chloroform-d	7.569	84	111087	27.572	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.280%
26) 1,2-Dichloroethane-d4	8.234	65	54998	26.869	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.480%
32) Benzene-d6	8.199	84	214586	24.134	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	9.210	67	64447	25.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.760%
41) Toluene-d8	10.269	98	192500	22.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	10.522	79	29551	25.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.240%
47) 2-Hexanone-d5	10.875	63	24508	59.290	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.580%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67861	28.125	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	73942	22.734	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65764	27.691	ug/L	96
3) Chloromethane	2.152	50	88995	26.155	ug/L	97
5) Vinyl chloride	2.281	62	126221	24.669	ug/L	99
6) Bromomethane	2.693	94	105049	28.250	ug/L	95
8) Chloroethane	2.840	64	105771	28.333	ug/L	100
9) Trichlorofluoromethane	3.175	101	103005	27.521	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	65004	26.885	ug/L #	91
12) 1,1-Dichloroethene	3.940	96	56478	26.154	ug/L	90
13) Acetone	4.022	43	35683	64.255	ug/L	97
14) Carbon disulfide	4.269	76	166100	22.612	ug/L	97
15) Methyl Acetate	4.563	43	28704	35.076	ug/L	100
16) Methylene chloride	4.805	84	75773	26.499	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	64347	26.676	ug/L	90
18) Methyl tert-butyl Ether	5.322	73	148371	32.152	ug/L #	95
19) 1,1-Dichloroethane	6.110	63	116495	30.313	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	76092	29.017	ug/L	93
22) 2-Butanone	7.081	43	42995	63.372	ug/L	97
23) Bromochloromethane	7.428	128	36738	28.396	ug/L #	93
25) Chloroform	7.599	83	130872	28.898	ug/L	92

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 Quant Title : SFAM01.0
 QLast Update : Wed May 01 09:47:37 2024
 Response via : Initial Calibration

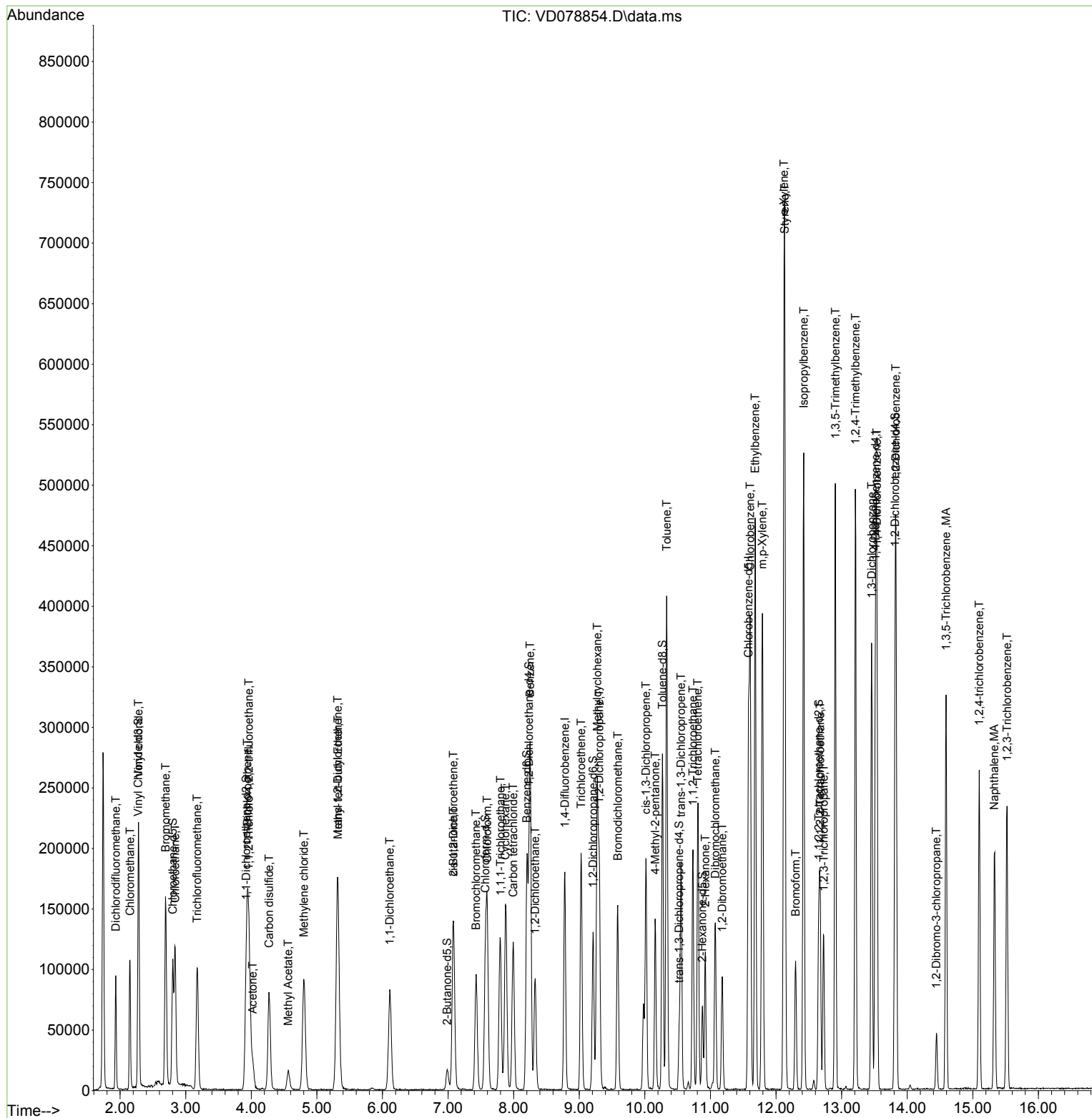
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	81768	32.173	ug/L	99
29) Cyclohexane	7.875	56	81364	27.446	ug/L	95
30) 1,1,1-Trichloroethane	7.799	97	104391	26.598	ug/L	97
31) Carbon tetrachloride	7.993	117	95226	27.031	ug/L	97
33) Benzene	8.251	78	285279	28.833	ug/L	100
34) Trichloroethene	9.028	95	69311	26.260	ug/L	93
35) Methylcyclohexane	9.275	83	106779	27.232	ug/L	99
37) 1,2-Dichloropropane	9.304	63	73350	28.912	ug/L #	95
38) Bromodichloromethane	9.587	83	101301	29.021	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	115589	29.663	ug/L	91
40) 4-Methyl-2-pentanone	10.157	43	83784	72.302	ug/L	97
42) Toluene	10.334	91	315623	28.816	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	104201	30.515	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	64373	29.057	ug/L	96
46) Tetrachloroethene	10.804	164	55155	24.955	ug/L	93
48) 2-Hexanone	10.922	43	66582	73.006	ug/L	95
49) Dibromochloromethane	11.075	129	73516	28.658	ug/L	99
50) 1,2-Dibromoethane	11.181	107	59536	27.654	ug/L #	91
51) Chlorobenzene	11.604	112	209128	28.308	ug/L	99
52) Ethylbenzene	11.681	91	339320	29.464	ug/L	97
53) m,p-Xylene	11.792	106	135719	29.916	ug/L	95
54) o-Xylene	12.122	106	127233	29.014	ug/L	99
55) Styrene	12.134	104	243136	30.937	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	80831	31.606	ug/L	99
59) Bromoform	12.298	173	47552	25.439	ug/L	99
60) Isopropylbenzene	12.422	105	336783	27.908	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	53622	30.465	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	258176	35.292	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	262149	29.202	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	159769	26.601	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	169350	26.663	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	149088	26.350	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.445	75	10945	27.312	ug/L	83
69) 1,3,5-Trichlorobenzene	14.592	180	100940	26.134	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	83878	25.751	ug/L	99
71) Naphthalene	15.328	128	175282	27.725	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	79666	26.713	ug/L	98

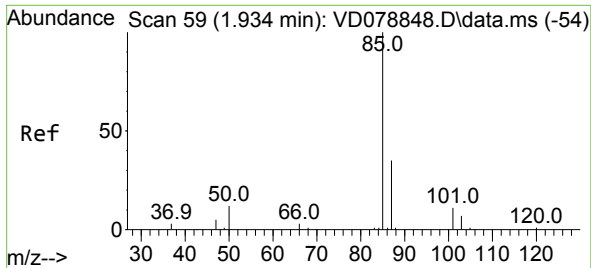
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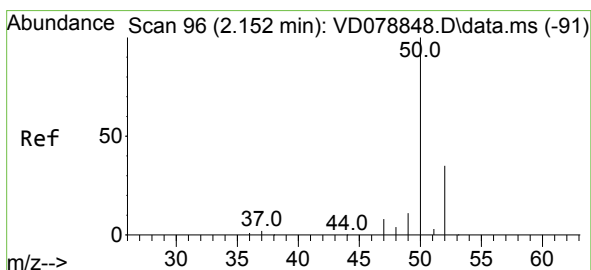
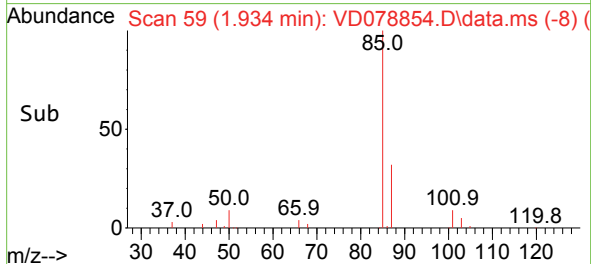
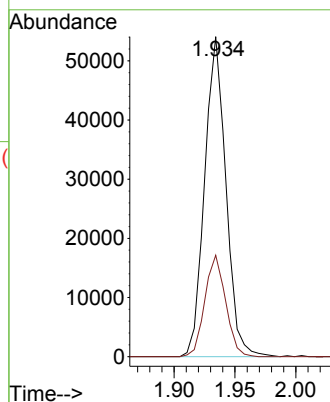
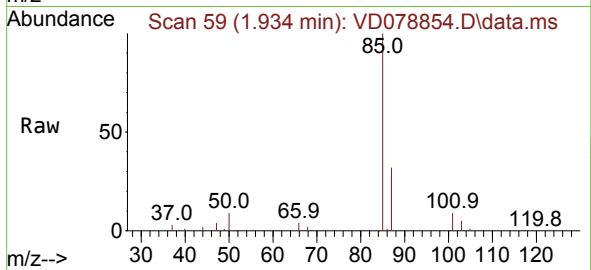




#2
 Dichlorodifluoromethane
 Concen: 27.691 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD078854.D
 Acq: 30 Apr 2024 14:31

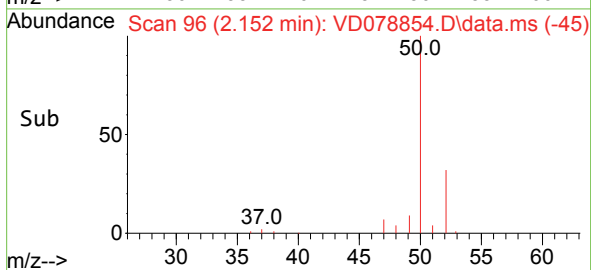
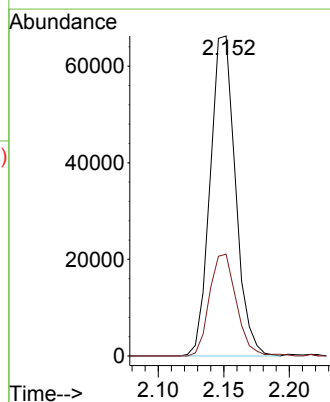
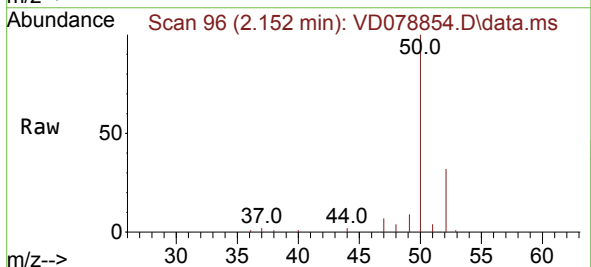
Instrument :
 MSVOA_D
 ClientSampleId :

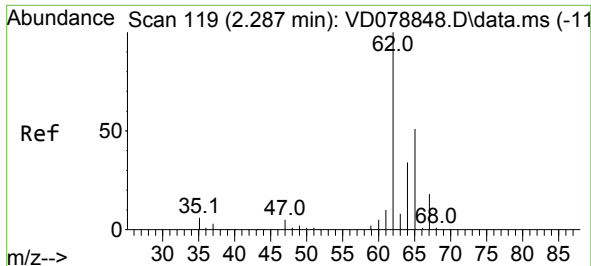
Tgt Ion: 85 Resp: 65764
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.5 39.7



#3
 Chloromethane
 Concen: 26.155 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD078854.D
 Acq: 30 Apr 2024 14:31

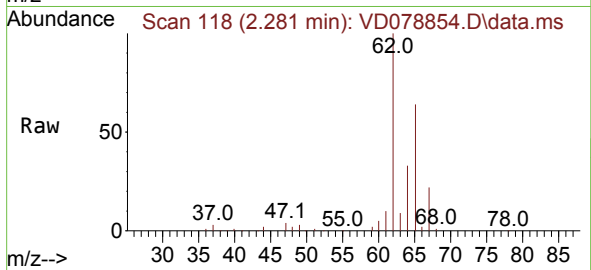
Tgt Ion: 50 Resp: 88995
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.6 43.8



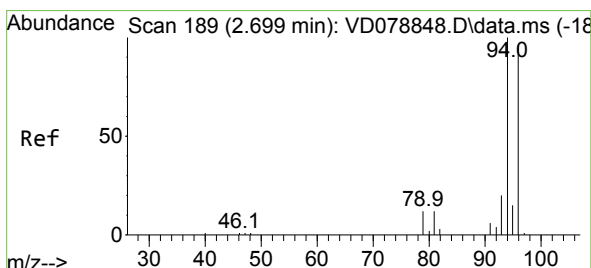
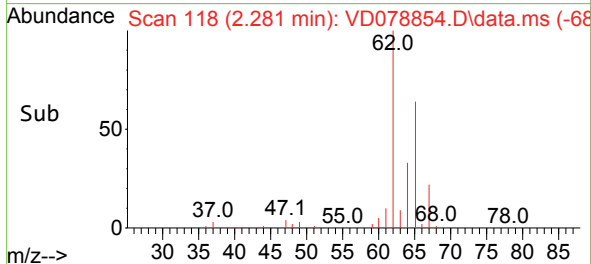
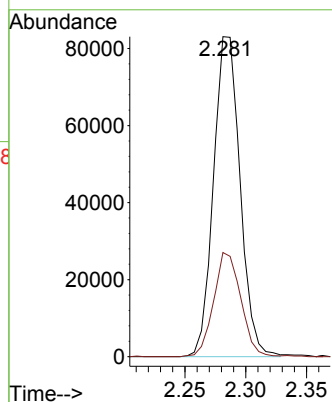


#5
 Vinyl chloride
 Concen: 24.669 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD078854.D
 Acq: 30 Apr 2024 14:31

Instrument :
 MSVOA_D
 ClientSampleId :

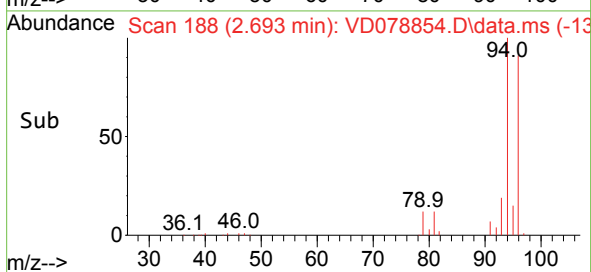
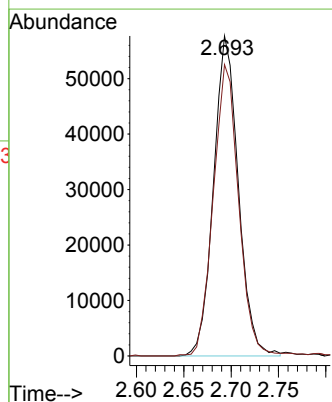
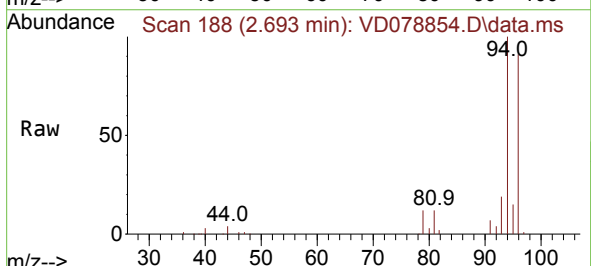


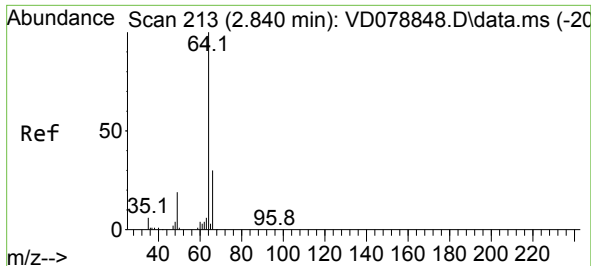
Tgt Ion: 62 Resp: 126221
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 28.250 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD078854.D
 Acq: 30 Apr 2024 14:31

Tgt Ion: 94 Resp: 105049
 Ion Ratio Lower Upper
 94 100
 96 91.1 66.9 124.3

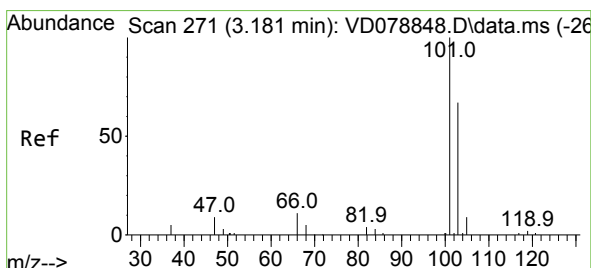
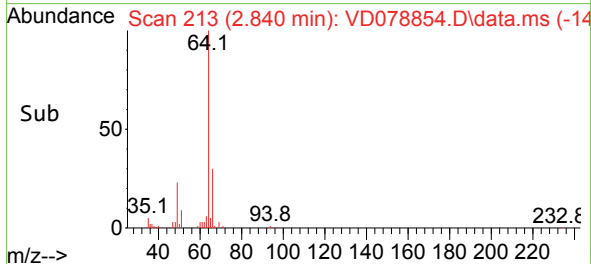
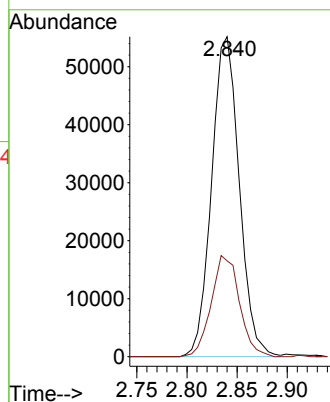
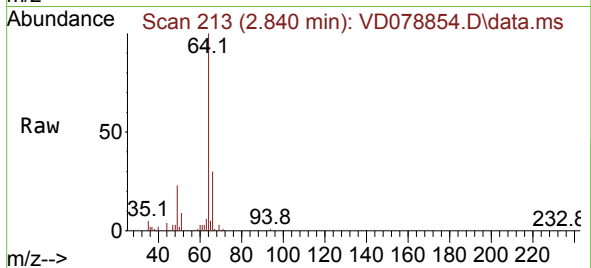




#8
Chloroethane
Concen: 28.333 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

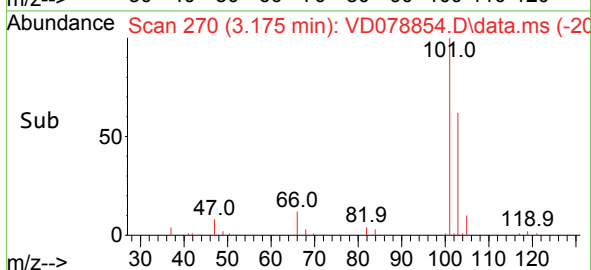
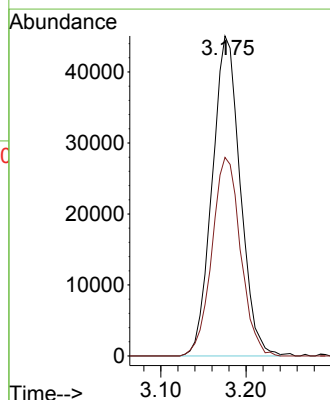
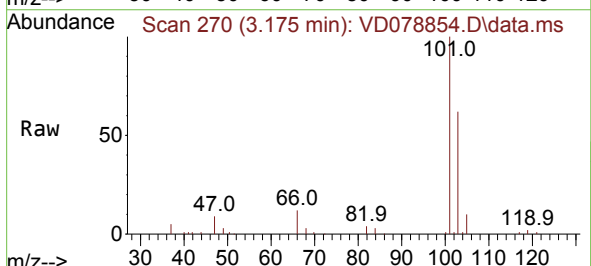
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MSVOA_D
ClientSampleId :

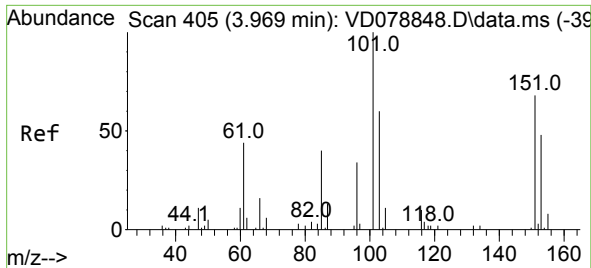
Tgt Ion: 64 Resp: 105771
Ion Ratio Lower Upper
64 100
66 29.9 21.0 39.0



#9
Trichlorofluoromethane
Concen: 27.521 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Tgt Ion:101 Resp: 103005
Ion Ratio Lower Upper
101 100
103 63.4 51.8 77.8

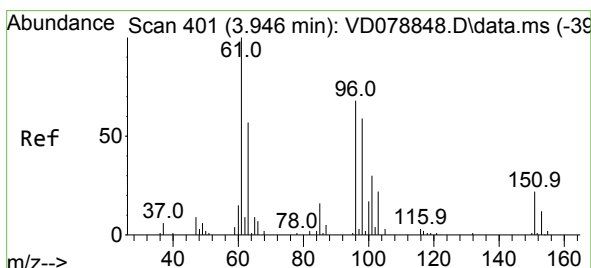
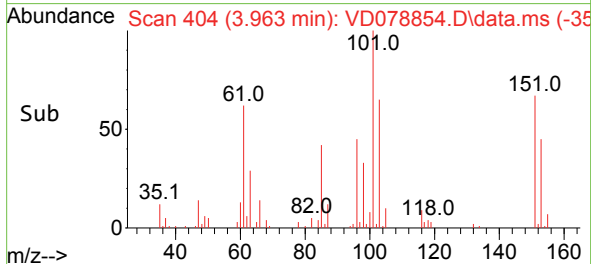
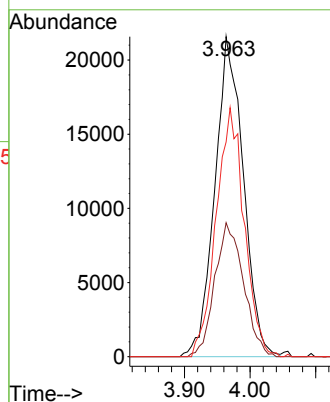
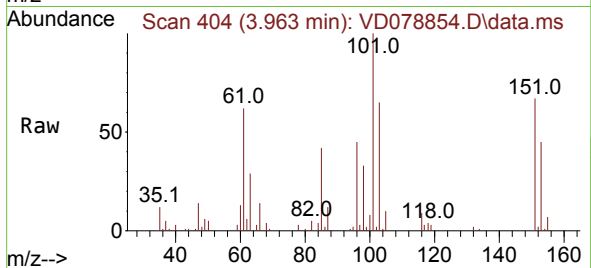




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.885 ug/L
 RT: 3.963 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078854.D
 Acq: 30 Apr 2024 14:31

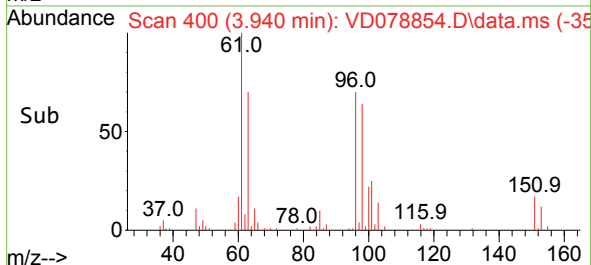
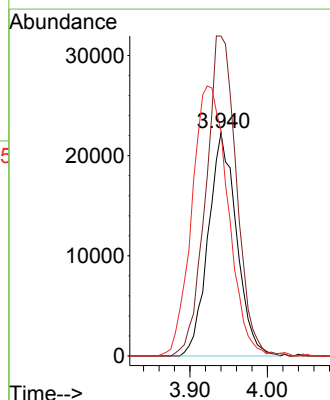
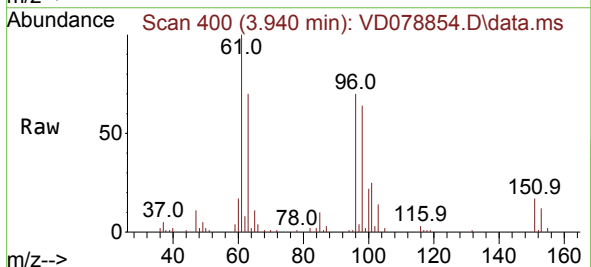
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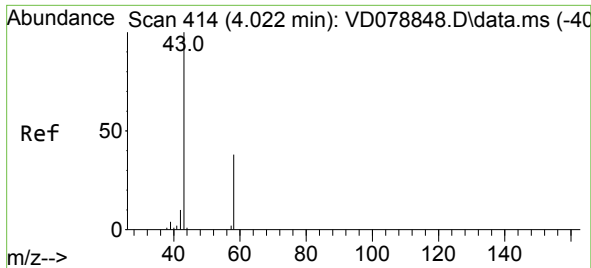
Tgt Ion:101 Resp: 65004
 Ion Ratio Lower Upper
 101 100
 85 42.3 19.5 29.3#
 151 76.6 61.9 92.9



#12
 1,1-Dichloroethene
 Concen: 26.154 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD078854.D
 Acq: 30 Apr 2024 14:31

Tgt Ion: 96 Resp: 56478
 Ion Ratio Lower Upper
 96 100
 61 143.4 99.0 183.8
 63 101.0 55.2 102.6





#13

Acetone

Concen: 64.255 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

Instrument :

MSVOA_D

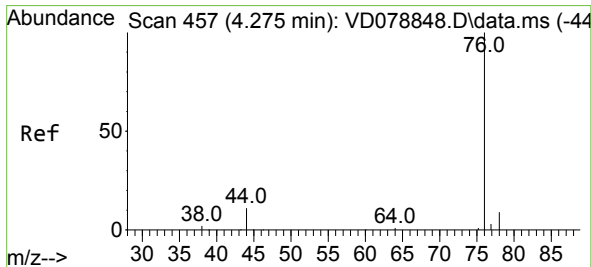
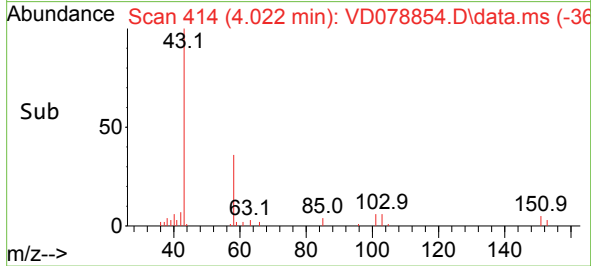
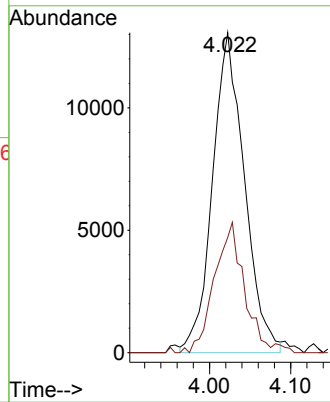
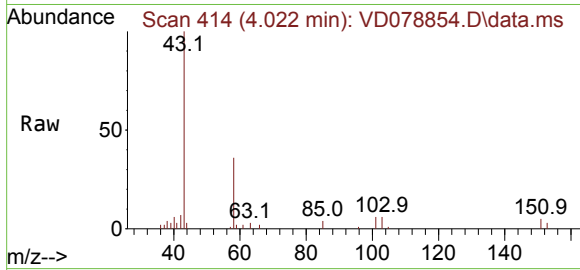
ClientSampleId :

Tgt Ion: 43 Resp: 35683

Ion Ratio Lower Upper

43 100

58 37.3 0.0 78.6



#14

Carbon disulfide

Concen: 22.612 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD078854.D

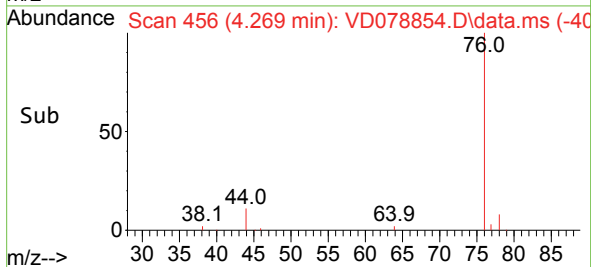
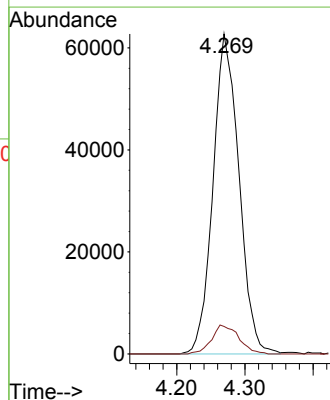
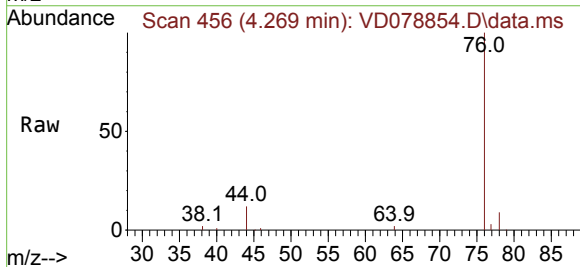
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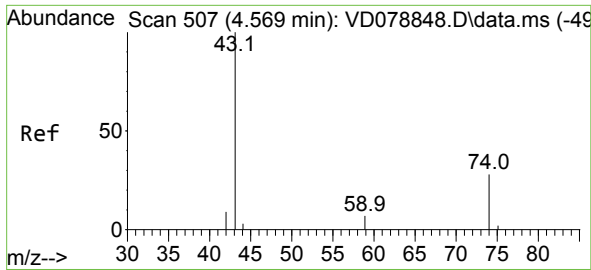
Tgt Ion: 76 Resp: 166100

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.6

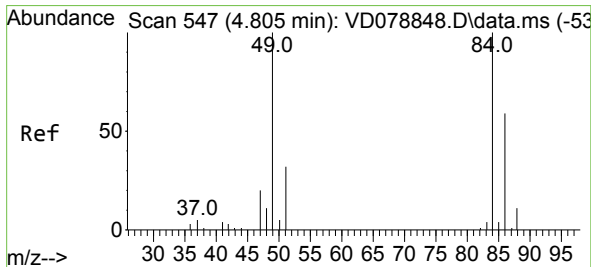
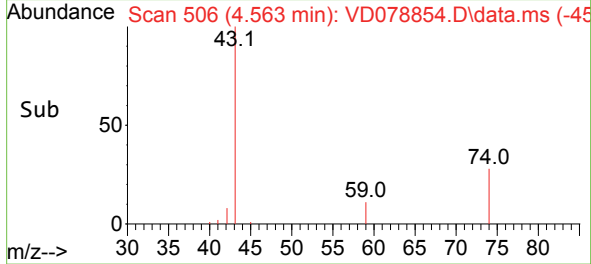
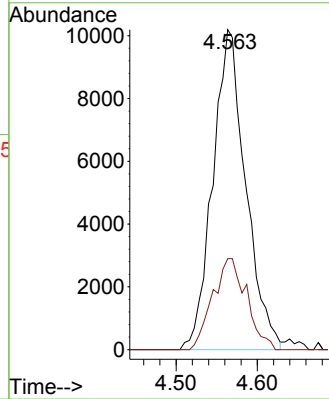
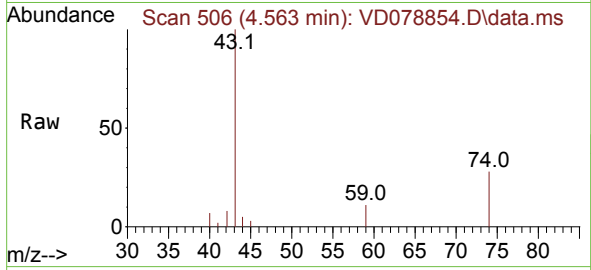




#15
Methyl Acetate
Concen: 35.076 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

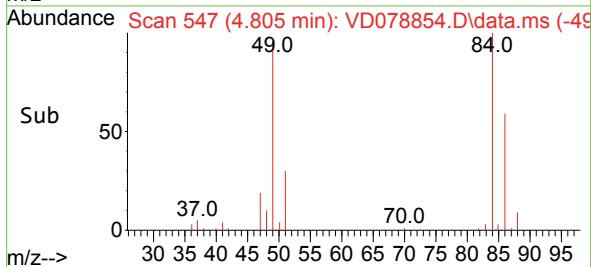
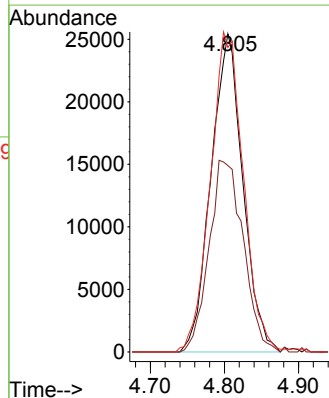
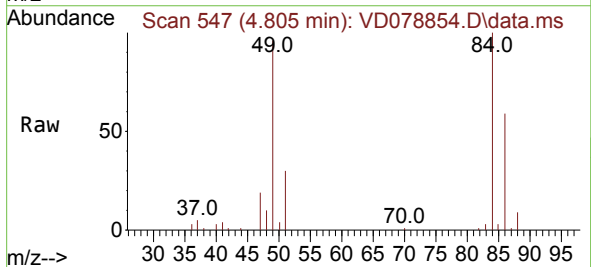
Instrument :
MSVOA_D
ClientSampleId :

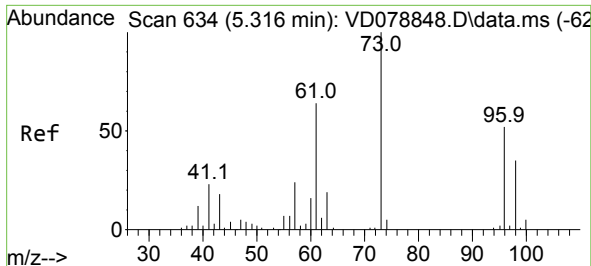
Tgt Ion: 43 Resp: 28704
Ion Ratio Lower Upper
43 100
74 29.4 23.4 35.2



#16
Methylene chloride
Concen: 26.499 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Tgt Ion: 84 Resp: 75773
Ion Ratio Lower Upper
84 100
86 58.6 44.7 83.1
49 95.7 67.1 124.5





#17

trans-1,2-Dichloroethene

Concen: 26.676 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

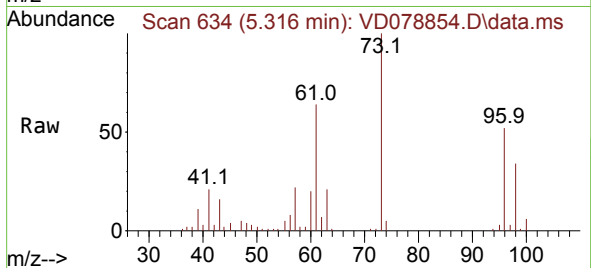
Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

Instrument :

MSVOA_D

ClientSampleId :



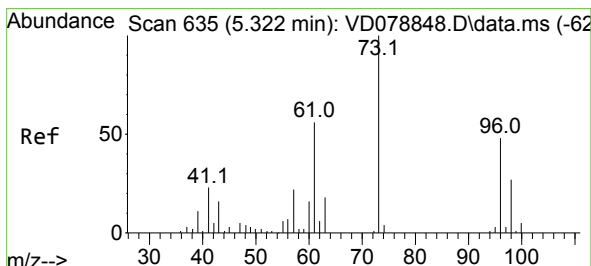
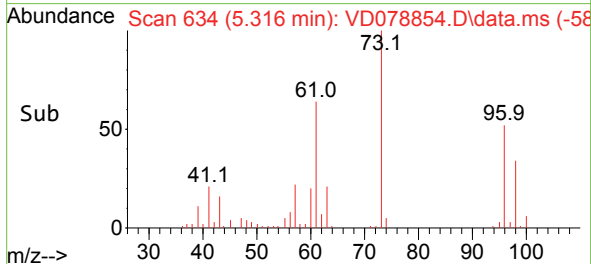
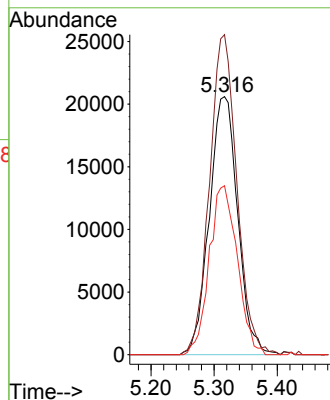
Tgt Ion: 96 Resp: 64347

Ion Ratio Lower Upper

96 100

61 124.0 76.2 141.6

98 65.5 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 32.152 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.000 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

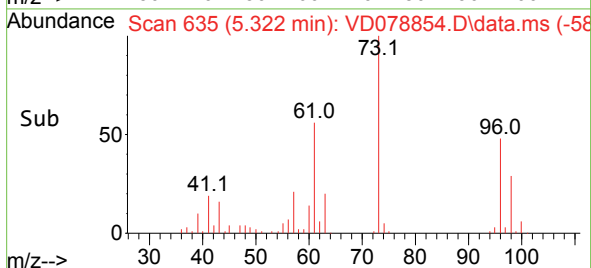
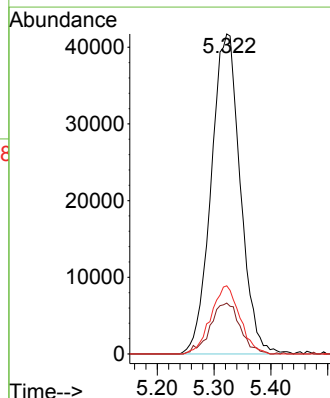
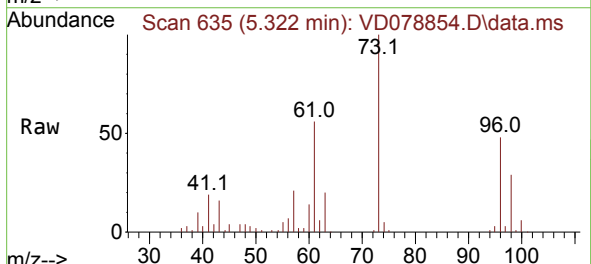
Tgt Ion: 73 Resp: 148371

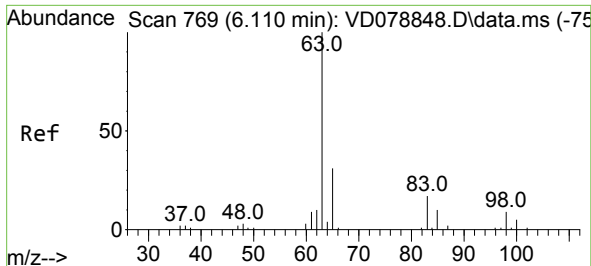
Ion Ratio Lower Upper

73 100

43 13.5 7.0 10.4#

57 21.2 17.4 26.0





#19

1,1-Dichloroethane

Concen: 30.313 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.000 min

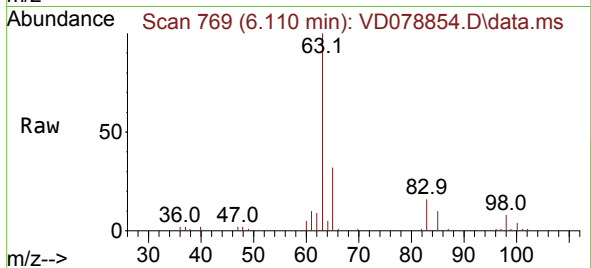
Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

Instrument :

MSVOA_D

ClientSampleId :



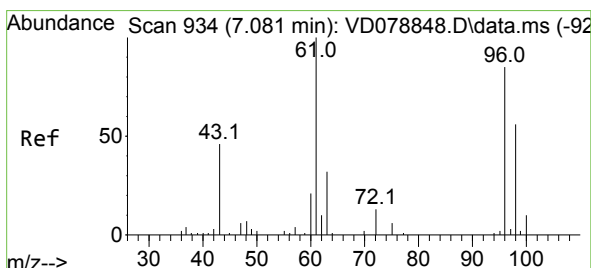
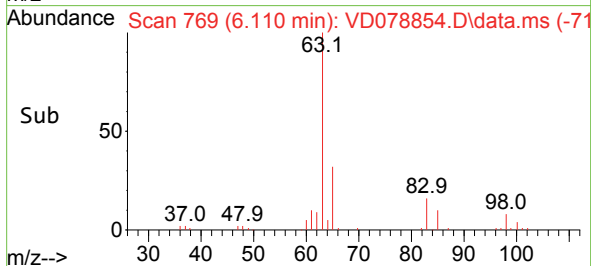
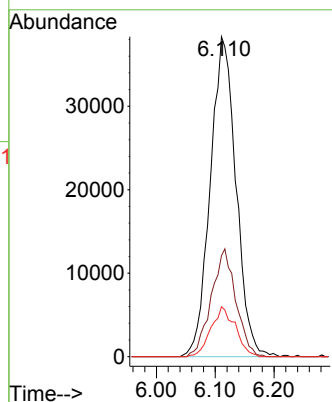
Tgt Ion: 63 Resp: 116495

Ion Ratio Lower Upper

63 100

65 31.5 24.3 45.1

83 15.6 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 29.017 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

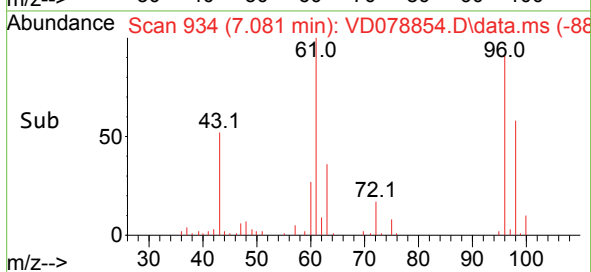
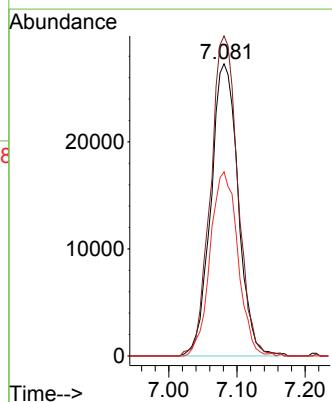
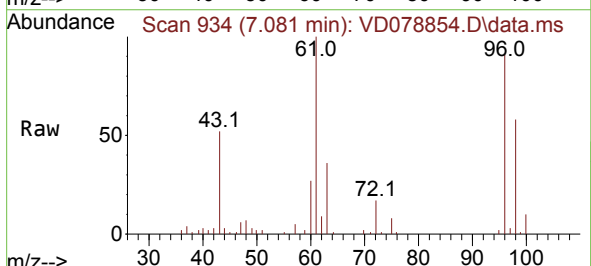
Tgt Ion: 96 Resp: 76092

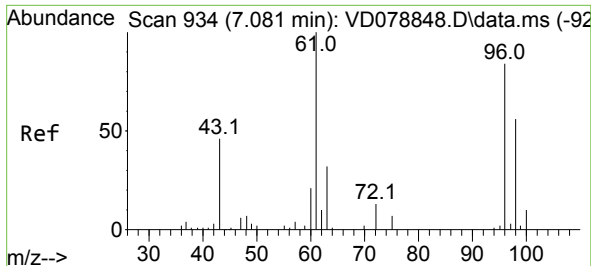
Ion Ratio Lower Upper

96 100

61 109.5 69.0 128.2

98 63.0 44.8 83.2

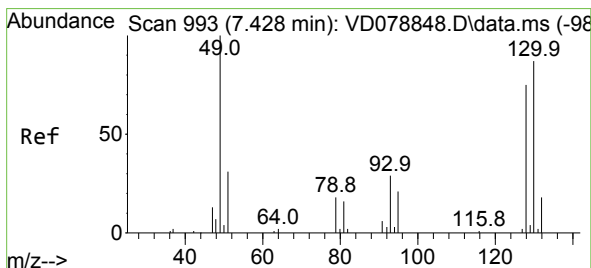
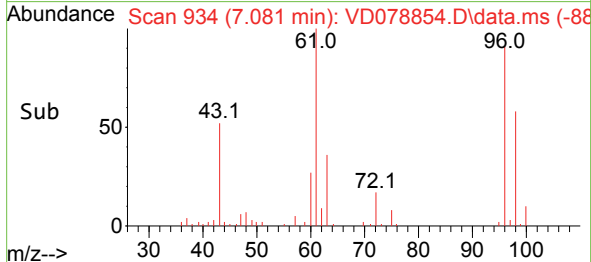
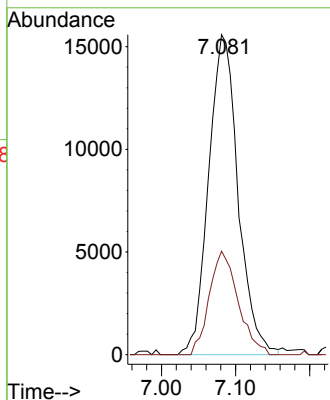
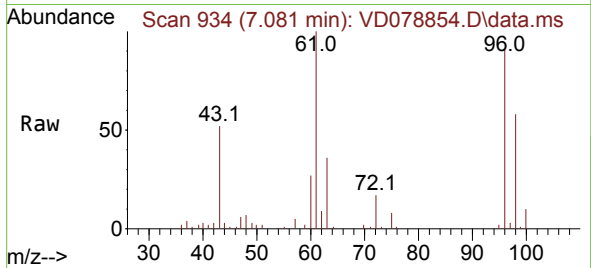




#22
2-Butanone
Concen: 63.372 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

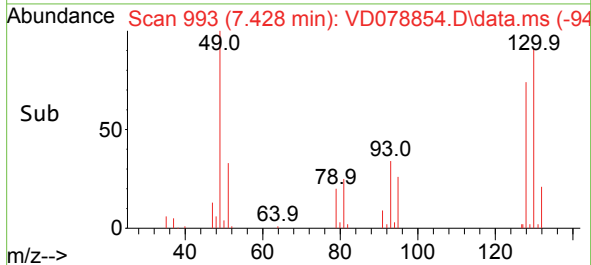
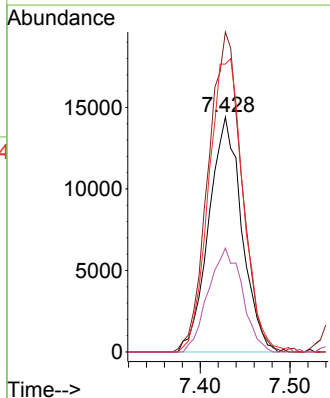
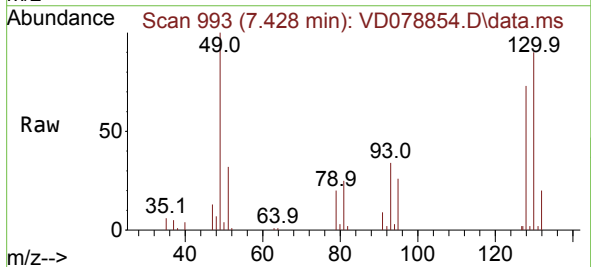
Instrument :
MSVOA_D
ClientSampleId :

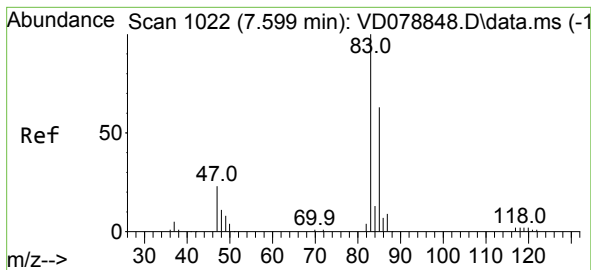
Tgt Ion: 43 Resp: 42995
Ion Ratio Lower Upper
43 100
72 31.7 16.8 50.4



#23
Bromochloromethane
Concen: 28.396 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Tgt Ion:128 Resp: 36738
Ion Ratio Lower Upper
128 100
49 136.2 87.6 162.8
130 122.5 84.5 156.9
51 44.2 29.2 43.8#





#25

Chloroform

Concen: 28.898 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

Instrument :

MSVOA_D

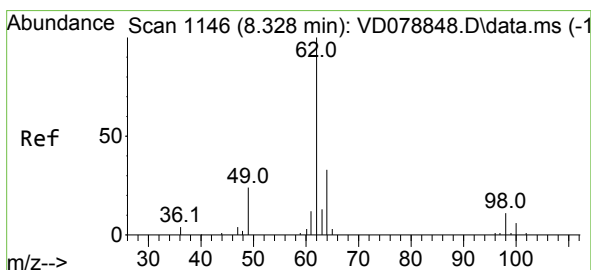
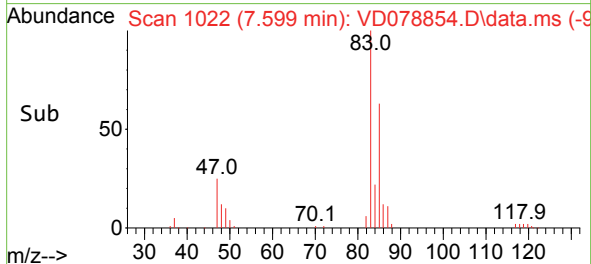
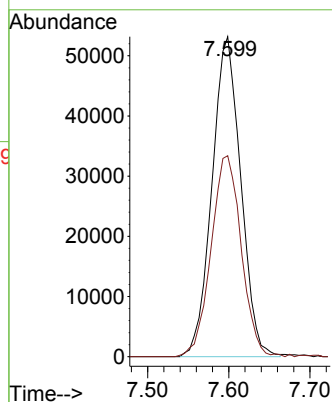
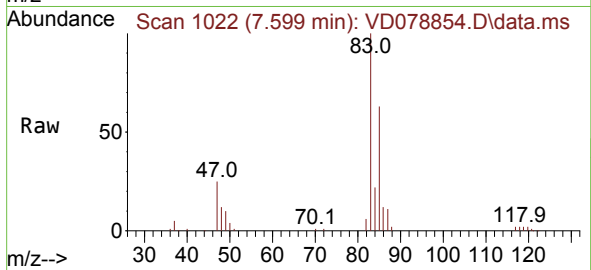
ClientSampleId :

Tgt Ion: 83 Resp: 130872

Ion Ratio Lower Upper

83 100

85 62.8 48.6 90.2



#27

1,2-Dichloroethane

Concen: 32.173 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD078854.D

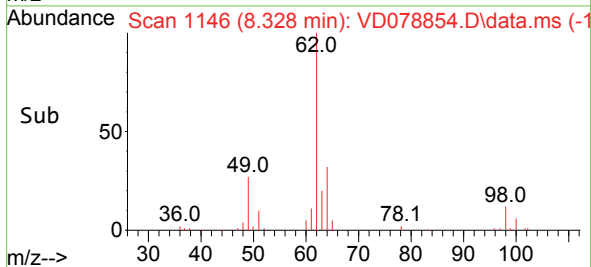
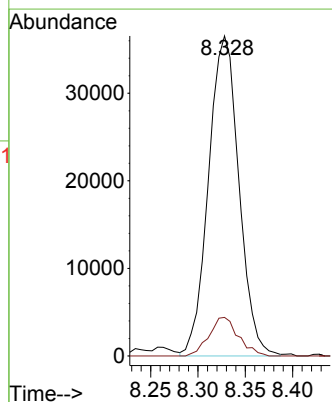
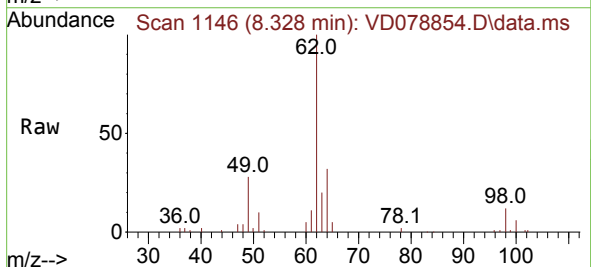
Acq: 30 Apr 2024 14:31

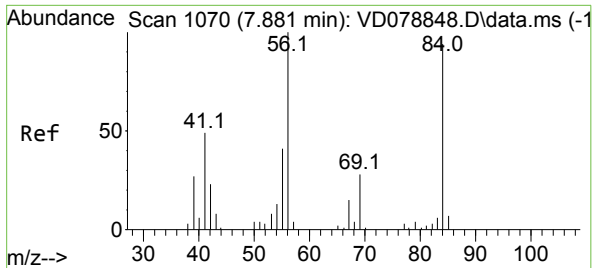
Tgt Ion: 62 Resp: 81768

Ion Ratio Lower Upper

62 100

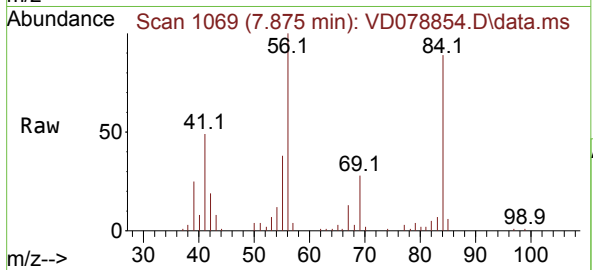
98 12.0 10.0 15.0



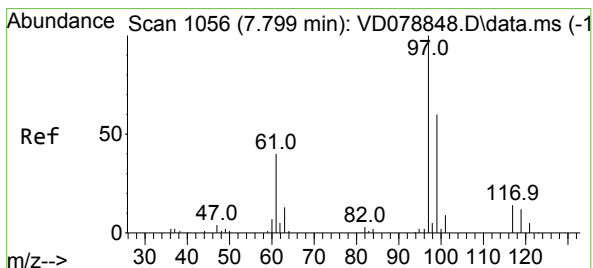
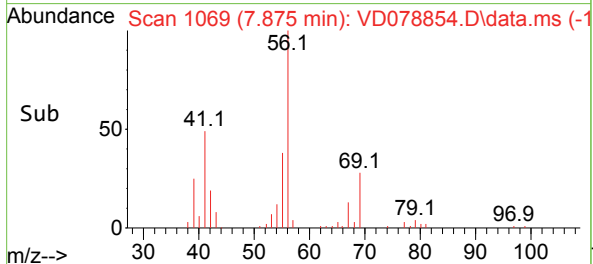
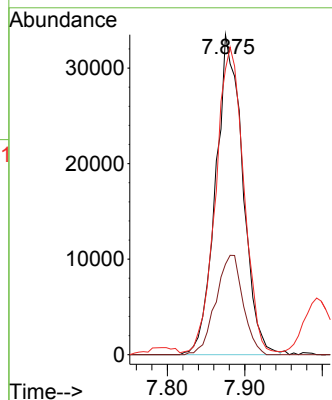


#29
Cyclohexane
Concen: 27.446 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Instrument :
MSVOA_D
ClientSampleId :

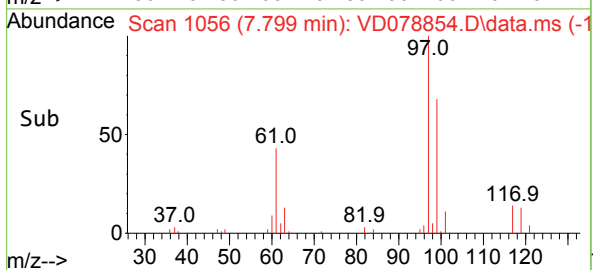
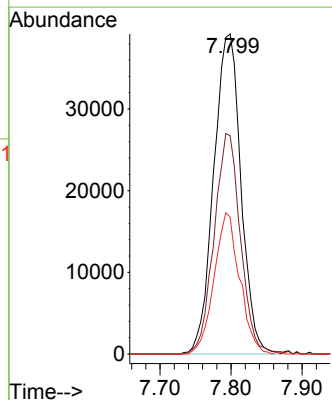
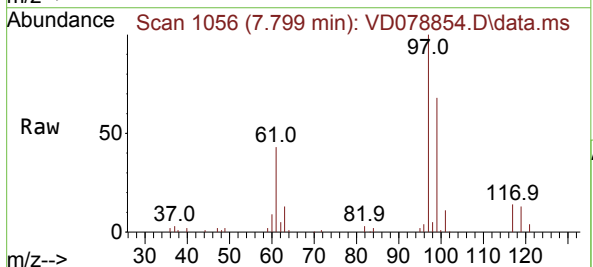


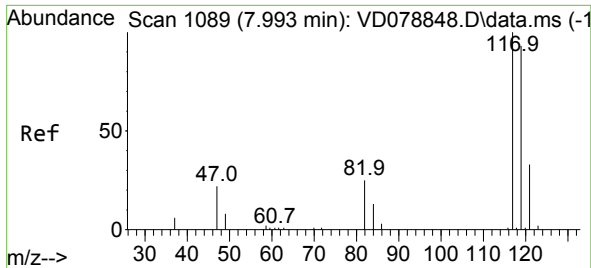
Tgt Ion: 56 Resp: 81364
Ion Ratio Lower Upper
56 100
69 31.2 26.1 39.1
84 99.1 84.2 126.4



#30
1,1,1-Trichloroethane
Concen: 26.598 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

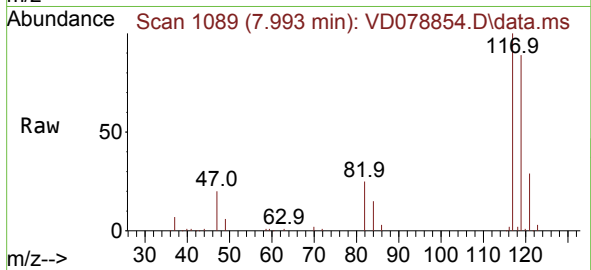
Tgt Ion: 97 Resp: 104391
Ion Ratio Lower Upper
97 100
99 66.4 50.8 76.2
61 41.4 31.5 47.3



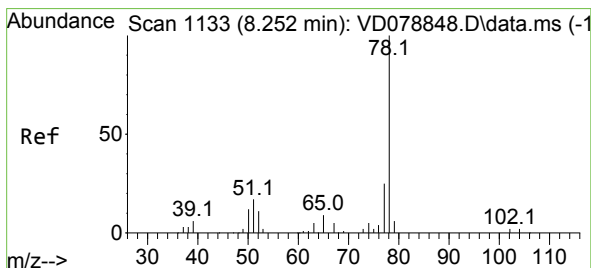
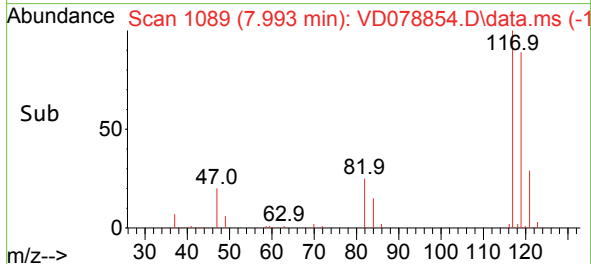
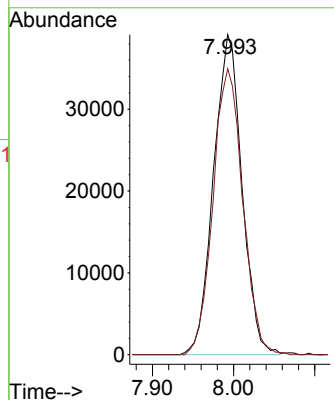


#31
Carbon tetrachloride
Concen: 27.031 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Instrument :
MSVOA_D
ClientSampleId :

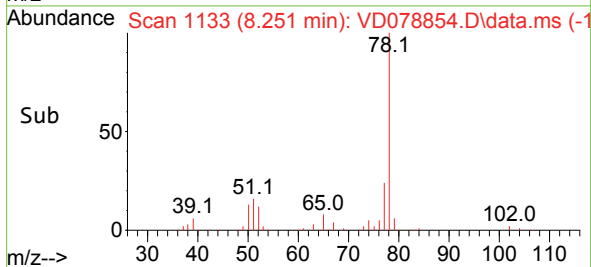
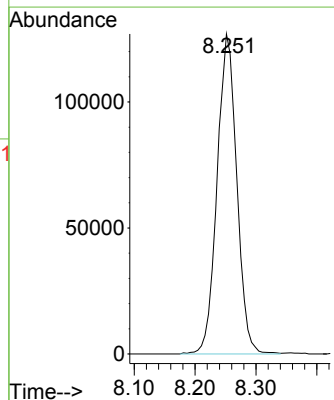
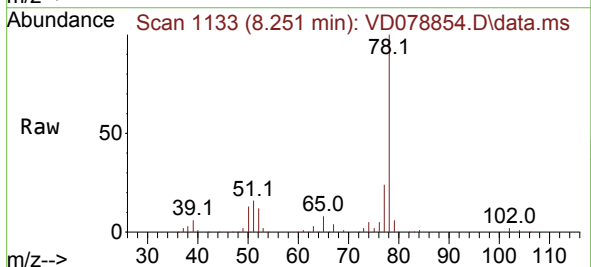


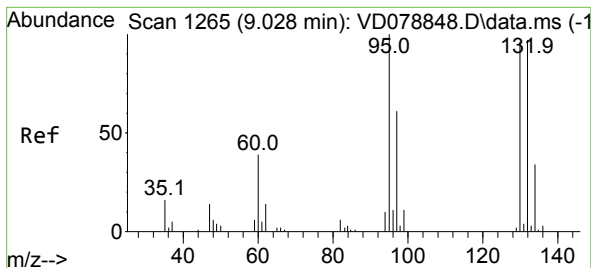
Tgt Ion:117 Resp: 95226
Ion Ratio Lower Upper
117 100
119 93.2 77.0 115.4



#33
Benzene
Concen: 28.833 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Tgt Ion: 78 Resp: 285279





#34

Trichloroethene

Concen: 26.260 ug/L

RT: 9.028 min Scan# 1

Delta R.T. -0.000 min

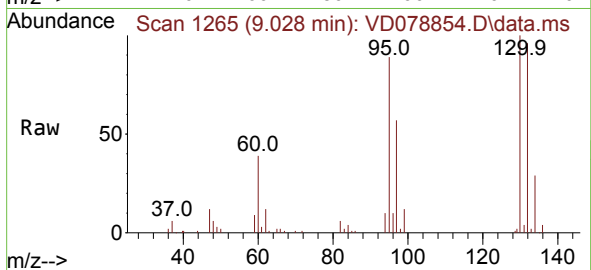
Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 69311

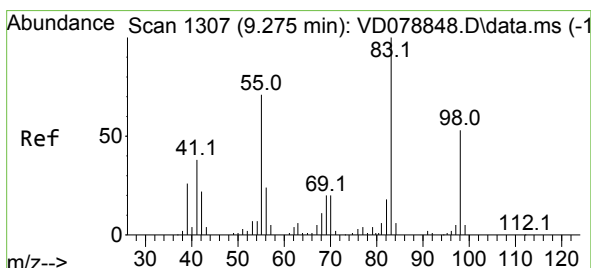
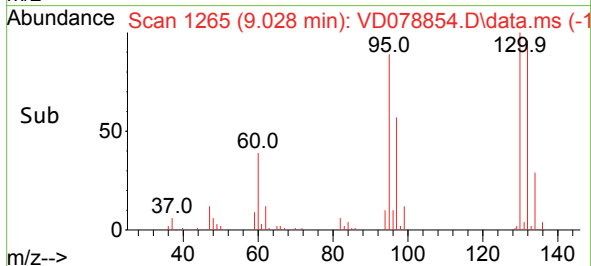
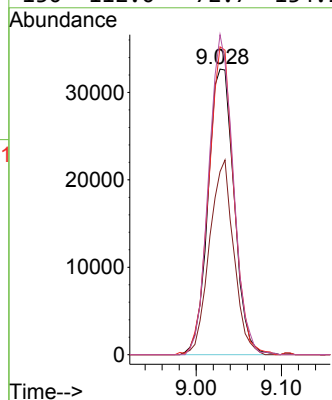
Ion Ratio Lower Upper

95 100

97 64.1 47.4 88.0

132 107.8 70.8 131.4

130 112.0 72.7 134.9



#35

Methylcyclohexane

Concen: 27.232 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

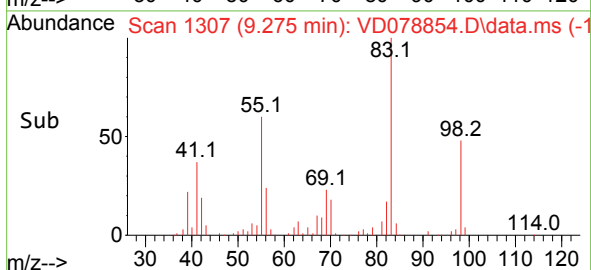
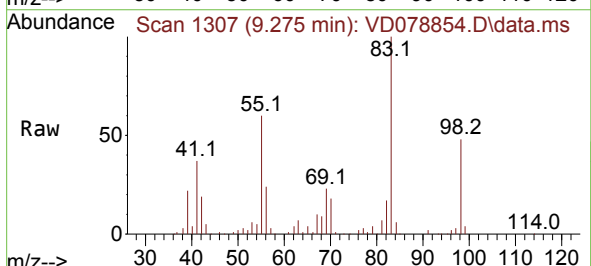
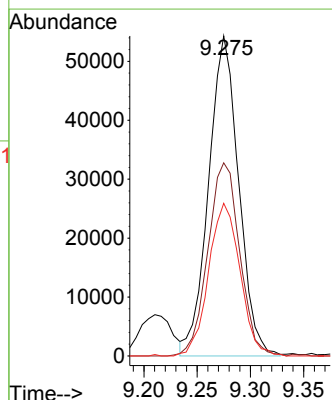
Tgt Ion: 83 Resp: 106779

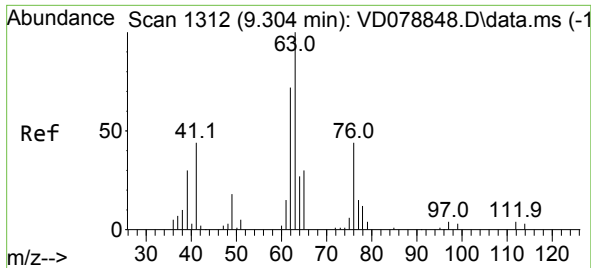
Ion Ratio Lower Upper

83 100

55 63.6 50.2 75.2

98 49.7 40.7 61.1

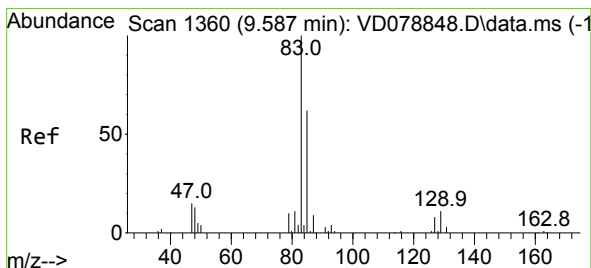
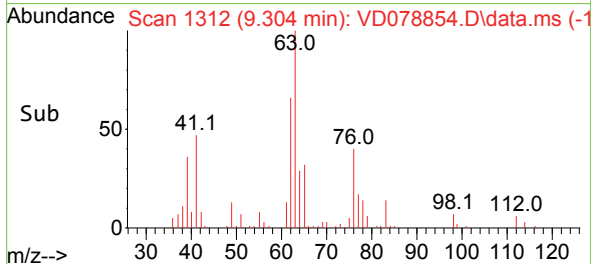
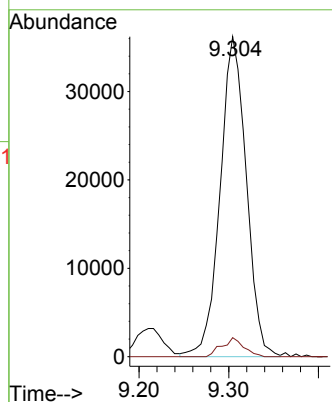
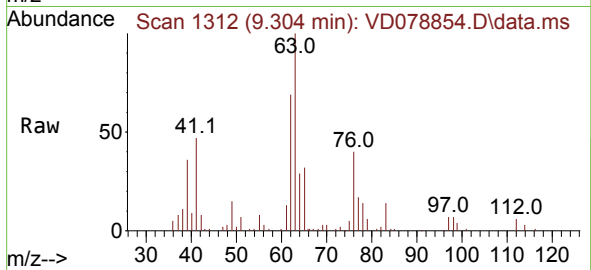




#37
1,2-Dichloropropane
Concen: 28.912 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

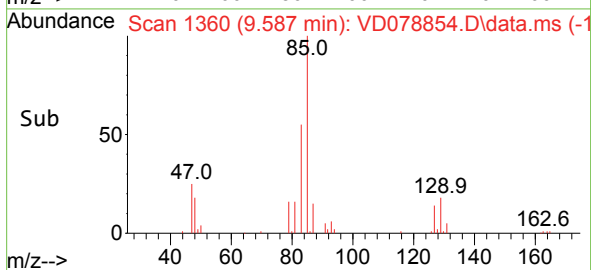
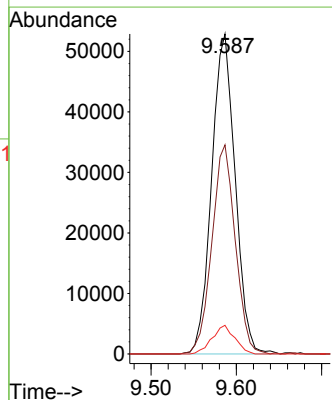
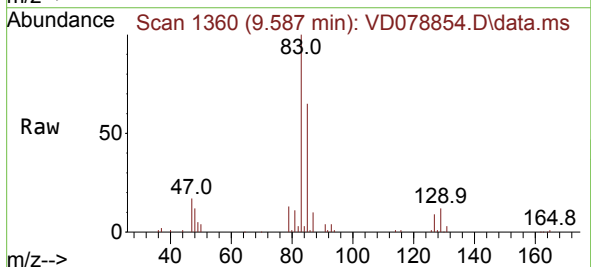
Instrument :
MSVOA_D
ClientSampleId :

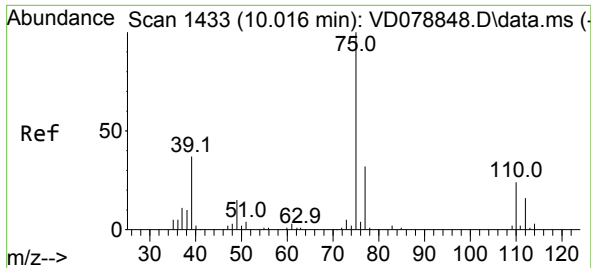
Tgt Ion: 63 Resp: 73350
Ion Ratio Lower Upper
63 100
112 3.7 4.3 6.5#



#38
Bromodichloromethane
Concen: 29.021 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Tgt Ion: 83 Resp: 101301
Ion Ratio Lower Upper
83 100
85 65.3 46.8 87.0
127 9.0 7.7 11.5

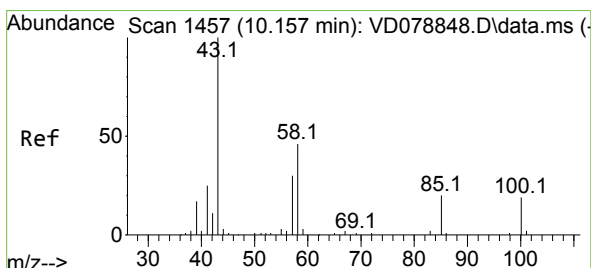
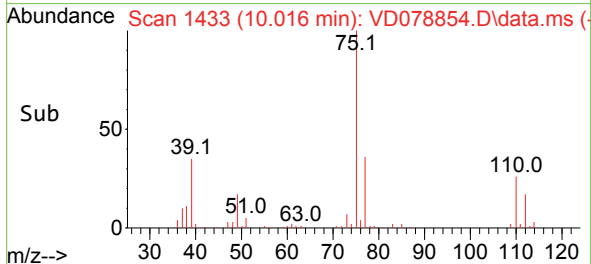
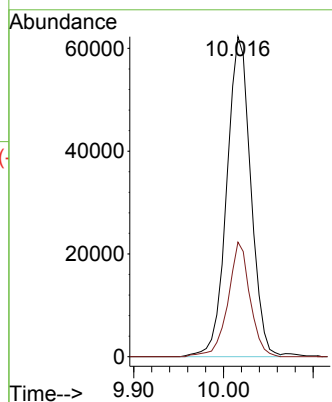
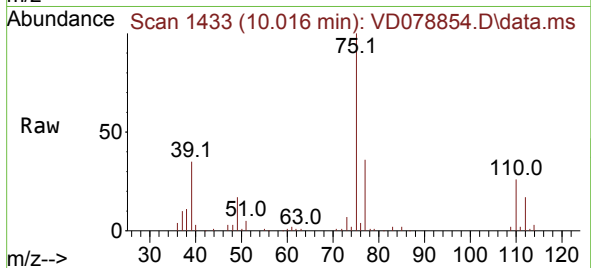




#39
 cis-1,3-Dichloropropene
 Concen: 29.663 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078854.D
 Acq: 30 Apr 2024 14:31

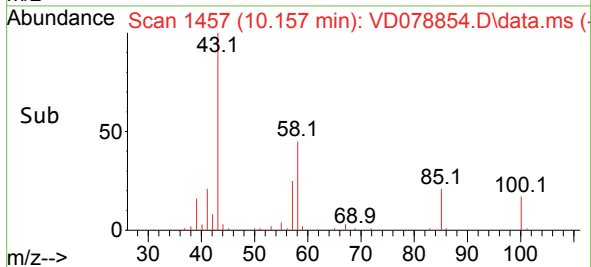
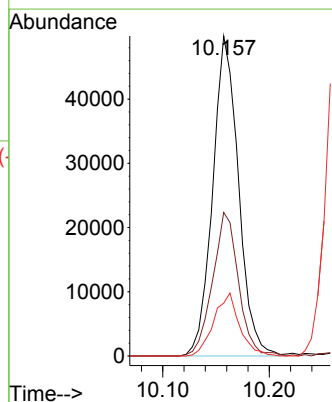
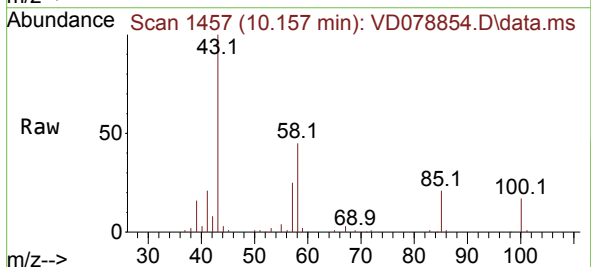
Instrument :
 MSVOA_D
 ClientSampleId :

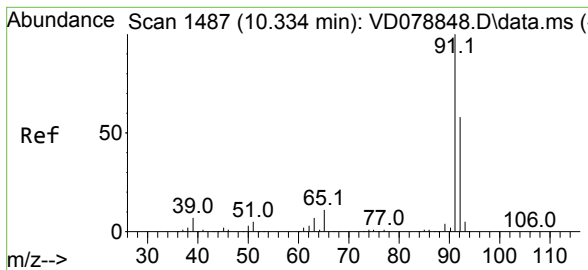
Tgt Ion: 75 Resp: 115589
 Ion Ratio Lower Upper
 75 100
 77 35.8 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 72.302 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD078854.D
 Acq: 30 Apr 2024 14:31

Tgt Ion: 43 Resp: 83784
 Ion Ratio Lower Upper
 43 100
 58 44.4 36.2 54.2
 100 19.6 18.3 27.5





#42

Toluene

Concen: 28.816 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

Instrument :

MSVOA_D

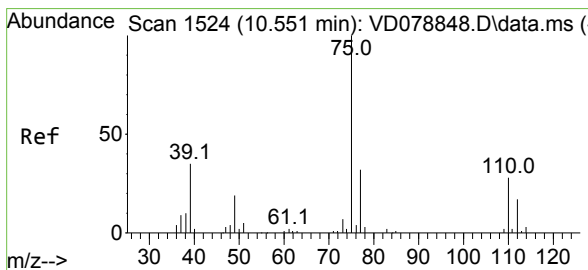
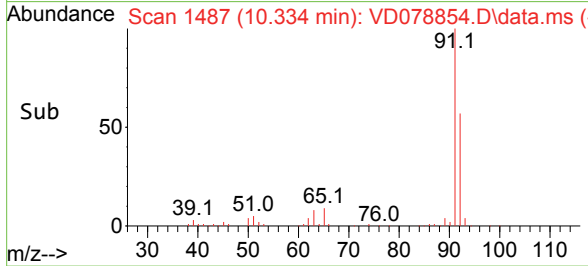
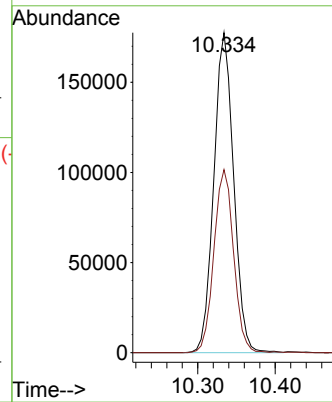
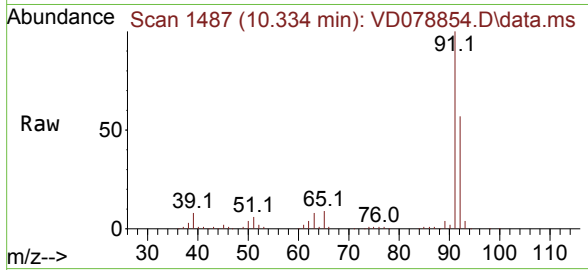
ClientSampleId :

Tgt Ion: 91 Resp: 315623

Ion Ratio Lower Upper

91 100

92 57.2 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 30.515 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078854.D

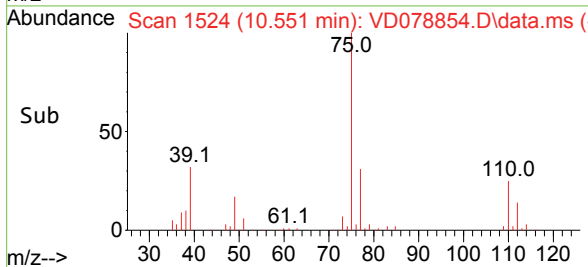
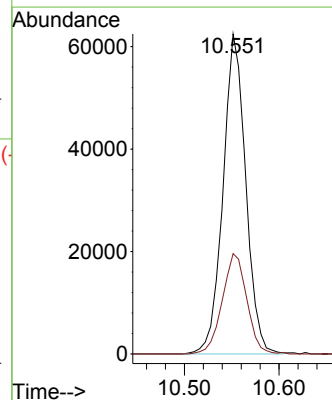
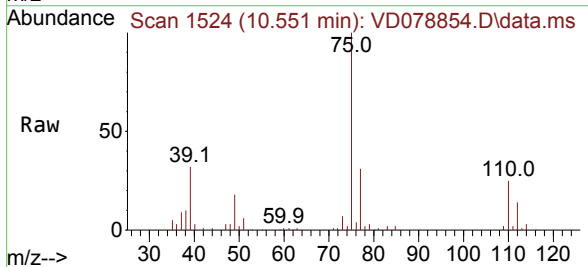
Acq: 30 Apr 2024 14:31

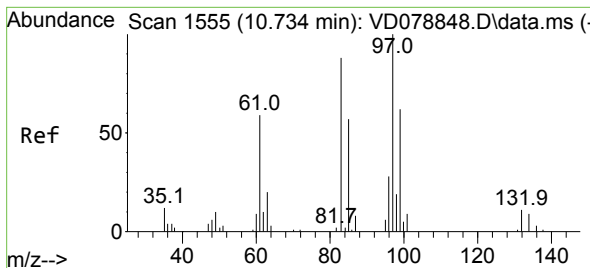
Tgt Ion: 75 Resp: 104201

Ion Ratio Lower Upper

75 100

77 31.3 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 29.057 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 64373

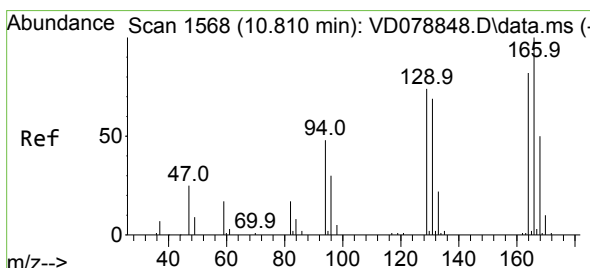
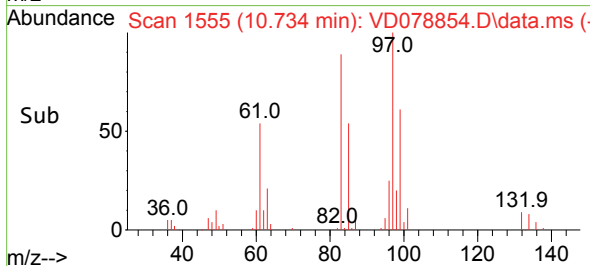
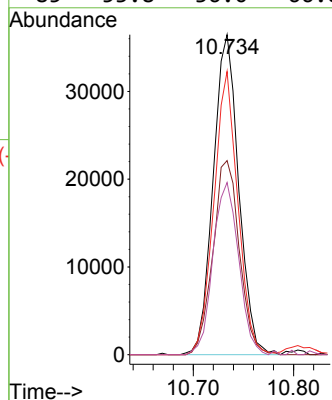
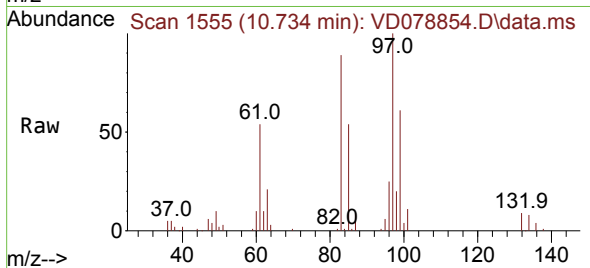
Ion Ratio Lower Upper

97 100

99 60.6 42.6 79.2

83 88.5 58.0 107.6

85 53.8 36.0 66.8



#46

Tetrachloroethene

Concen: 24.955 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

Tgt Ion: 164 Resp: 55155

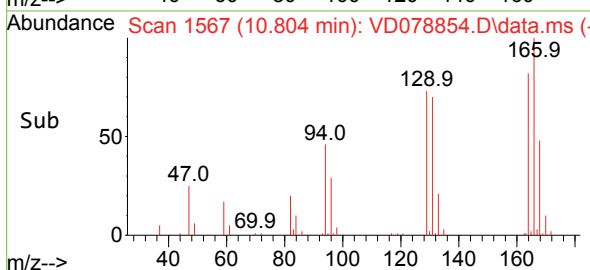
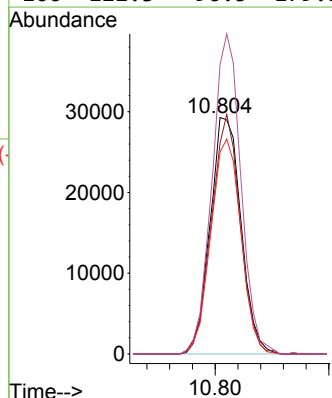
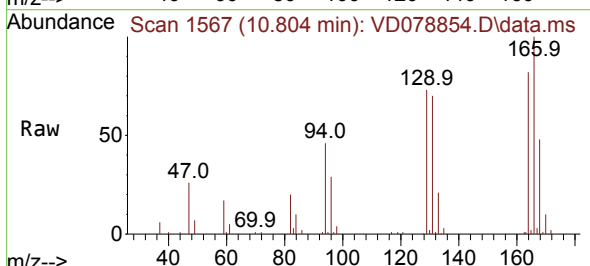
Ion Ratio Lower Upper

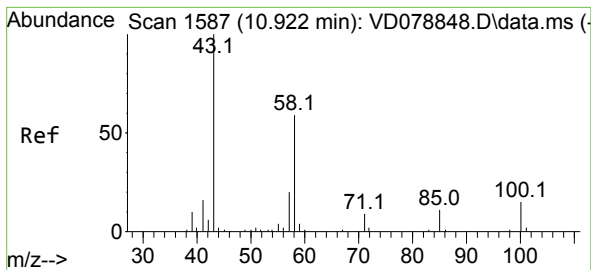
164 100

129 89.2 65.3 121.3

131 85.4 58.4 108.6

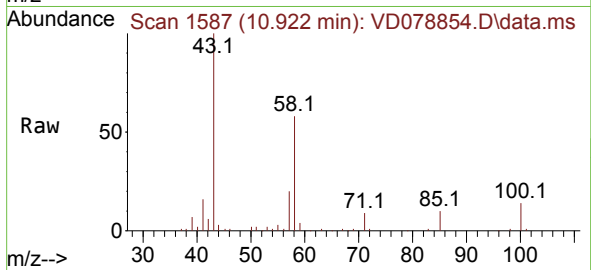
166 122.3 96.5 179.1



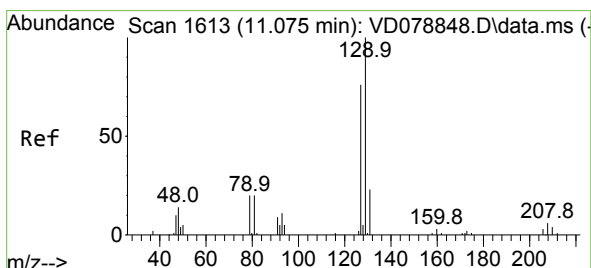
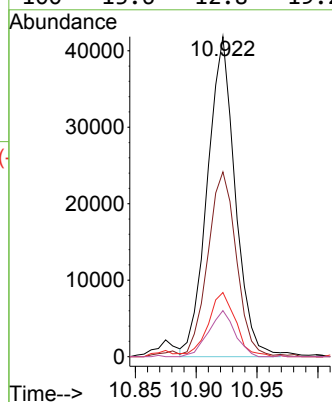
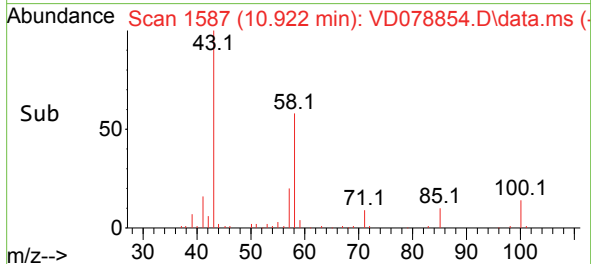


#48
2-Hexanone
Concen: 73.006 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Instrument :
MSVOA_D
ClientSampleId :

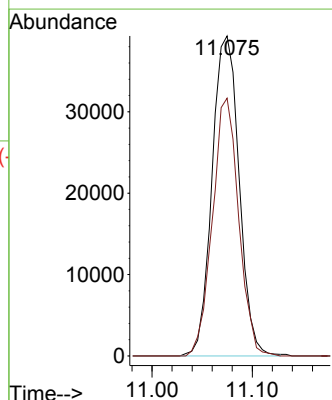
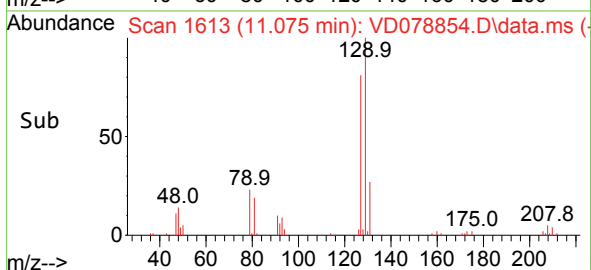
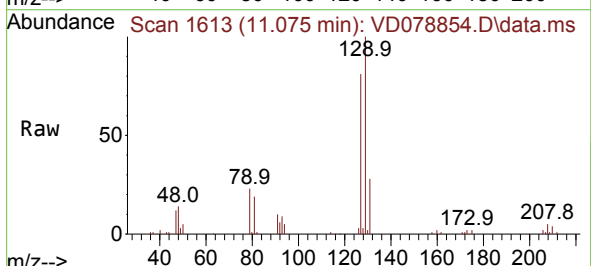


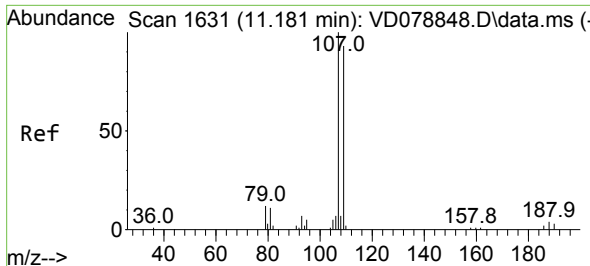
Tgt Ion: 43	Resp: 66582
Ion Ratio	Lower Upper
43 100	
58 58.3	50.3 75.5
57 19.5	16.5 24.7
100 13.6	12.8 19.2



#49
Dibromochloromethane
Concen: 28.658 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Tgt Ion:129	Resp: 73516		
Ion Ratio	Lower	Upper	
129 100			
127 80.5	57.1	106.1	

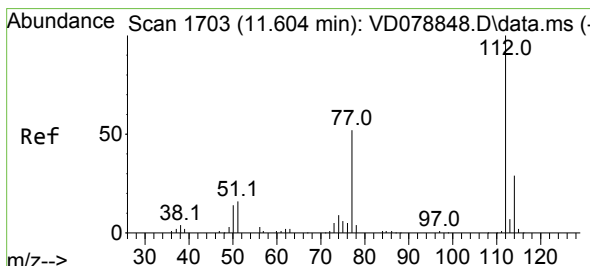
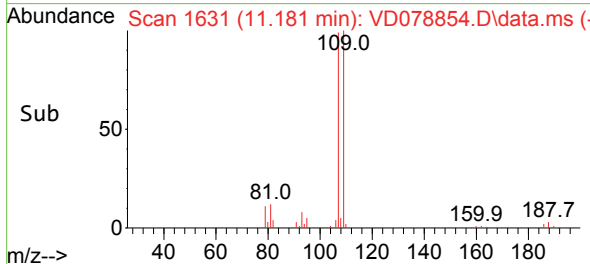
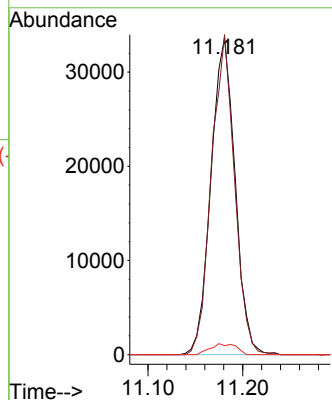
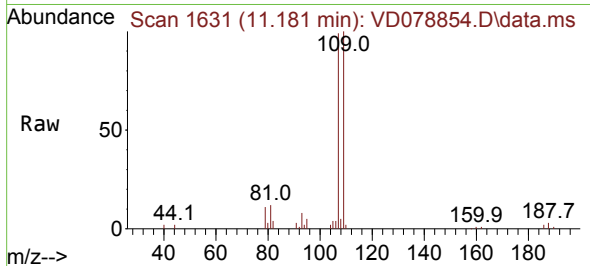




#50
1,2-Dibromoethane
Concen: 27.654 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

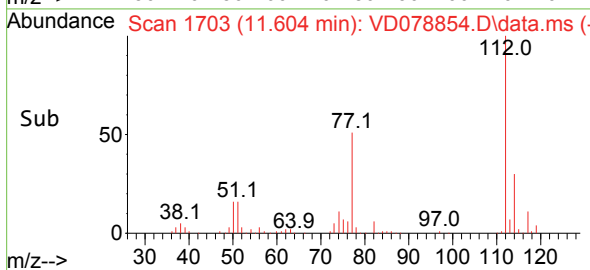
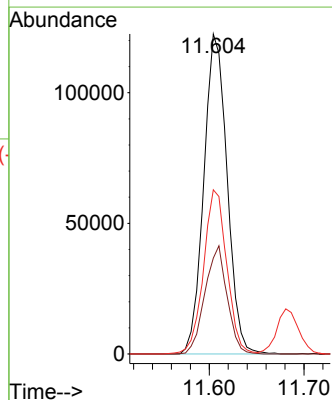
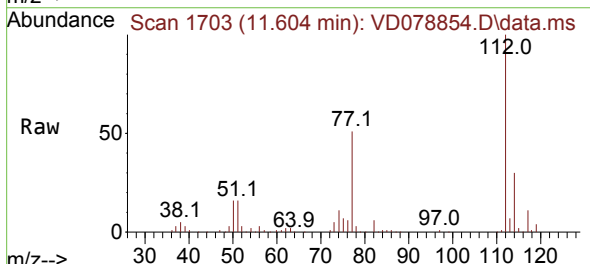
Instrument :
MSVOA_D
ClientSampleId :

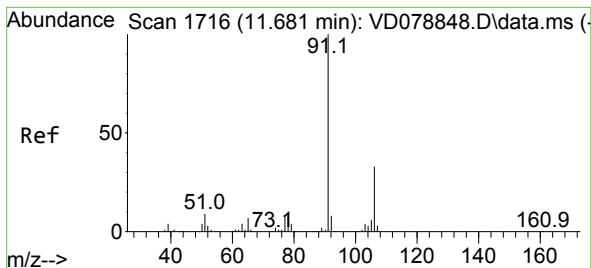
Tgt Ion:107 Resp: 59536
Ion Ratio Lower Upper
107 100
109 101.0 64.8 120.4
188 2.8 3.6 5.4#



#51
Chlorobenzene
Concen: 28.308 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Tgt Ion:112 Resp: 209128
Ion Ratio Lower Upper
112 100
114 30.0 21.7 40.3
77 51.3 41.0 61.6

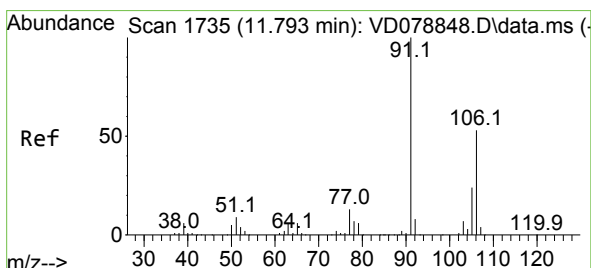
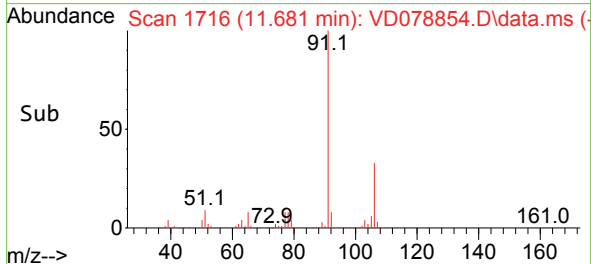
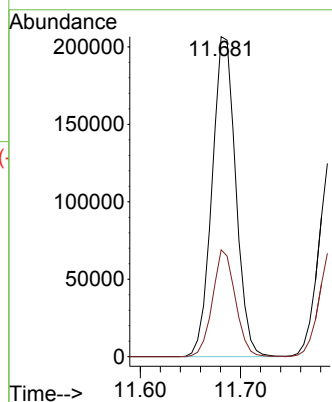
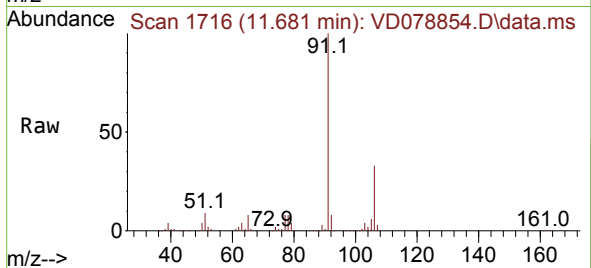




#52
Ethylbenzene
Concen: 29.464 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

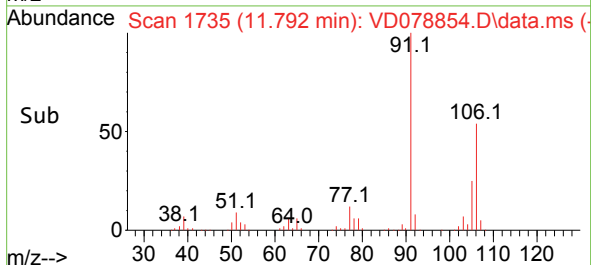
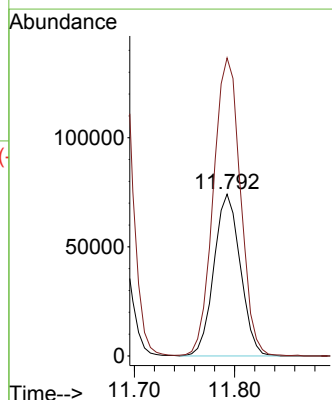
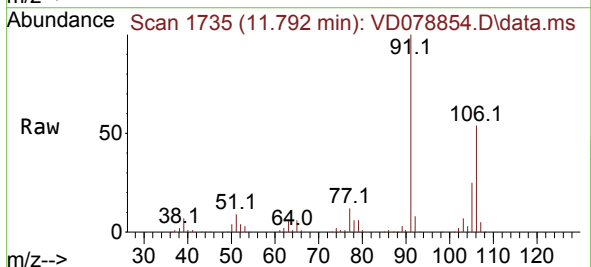
Instrument :
MSVOA_D
ClientSampleId :

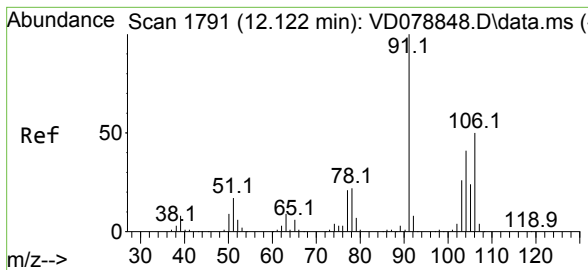
Tgt Ion: 91 Resp: 339320
Ion Ratio Lower Upper
91 100
106 33.4 22.3 41.3



#53
m,p-Xylene
Concen: 29.916 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Tgt Ion: 106 Resp: 135719
Ion Ratio Lower Upper
106 100
91 184.2 134.4 249.6

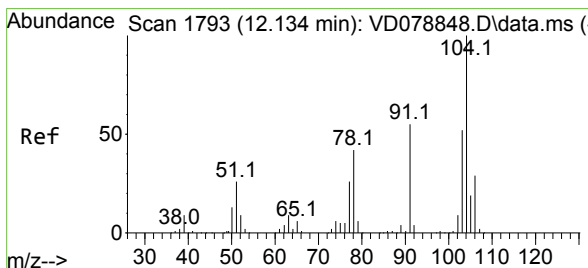
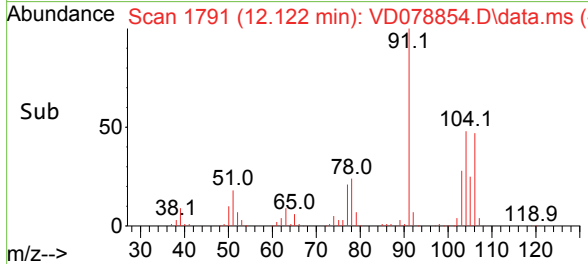
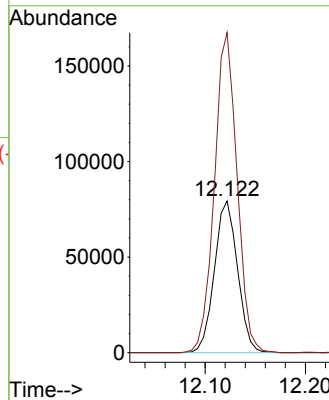
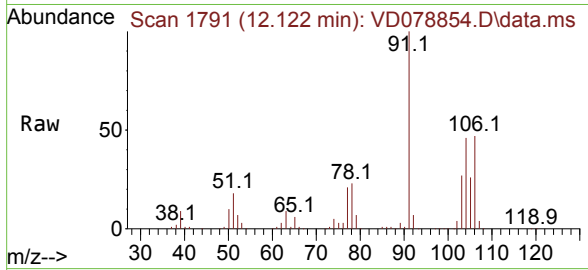




#54
o-Xylene
Concen: 29.014 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

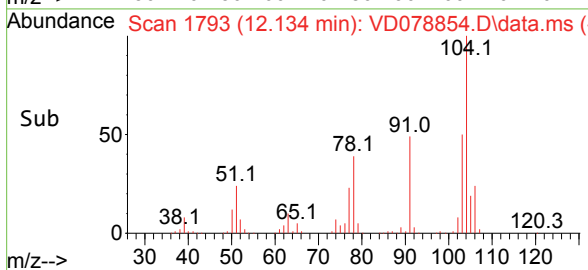
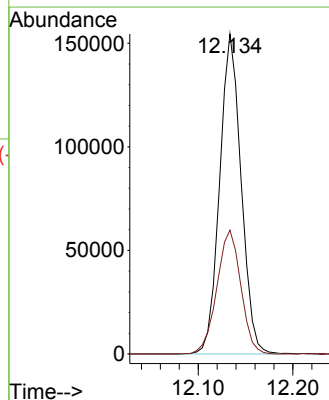
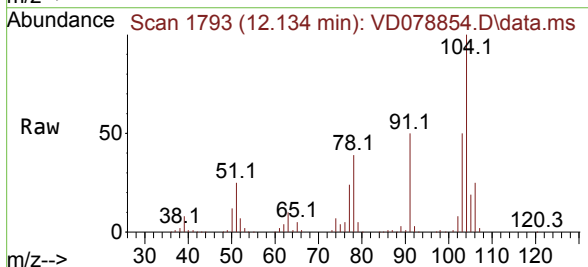
Instrument :
MSVOA_D
ClientSampleId :

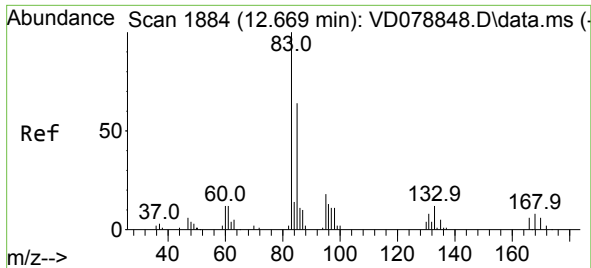
Tgt Ion:106 Resp: 127233
Ion Ratio Lower Upper
106 100
91 211.0 146.2 271.6



#55
Styrene
Concen: 30.937 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Tgt Ion:104 Resp: 243136
Ion Ratio Lower Upper
104 100
78 38.7 26.4 49.0

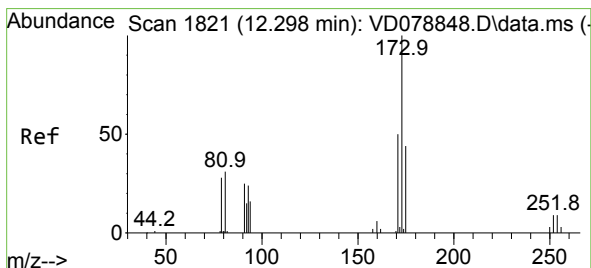
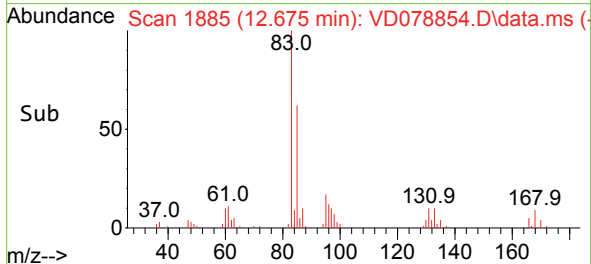
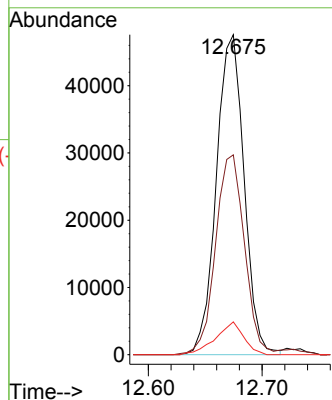
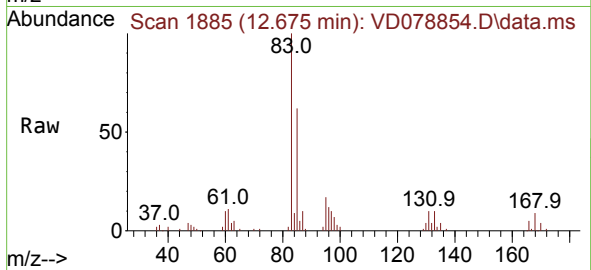




#57
1,1,2,2-Tetrachloroethane
Concen: 31.606 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

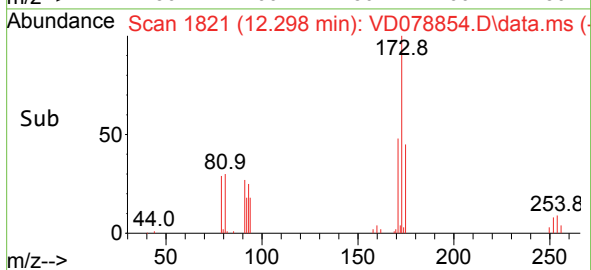
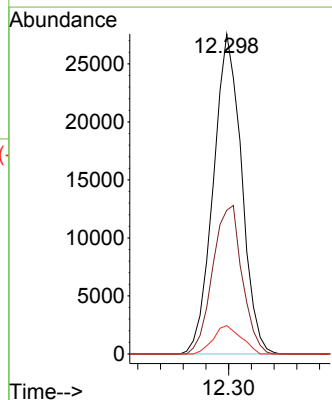
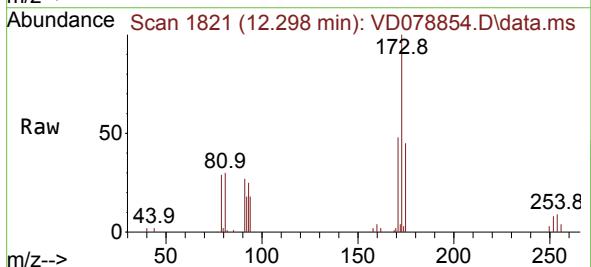
Instrument :
MSVOA_D
ClientSampleId :

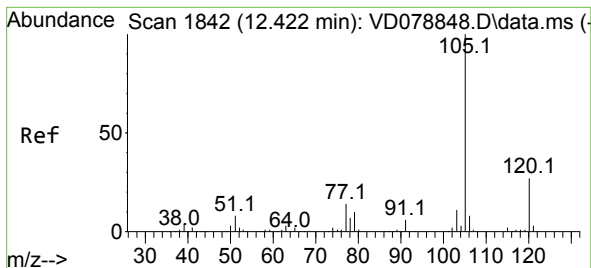
Tgt Ion: 83 Resp: 80831
Ion Ratio Lower Upper
83 100
85 62.4 44.5 82.7
131 10.3 8.1 12.1



#59
Bromoform
Concen: 25.439 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Tgt Ion:173 Resp: 47552
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.6
254 8.8 7.7 11.5





#60

Isopropylbenzene

Concen: 27.908 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

Instrument :

MSVOA_D

ClientSampleId :

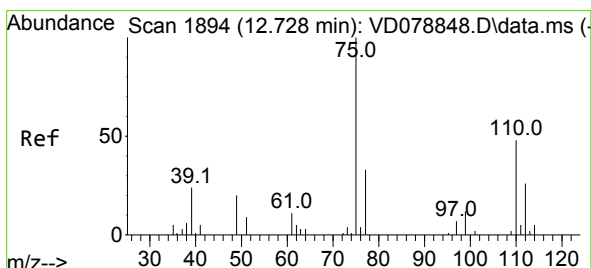
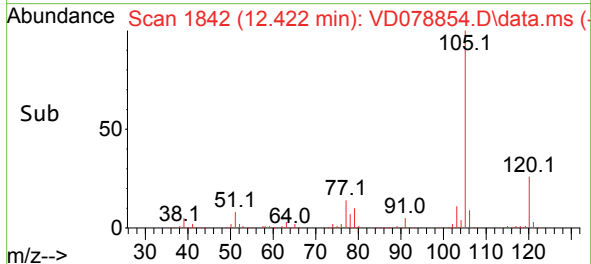
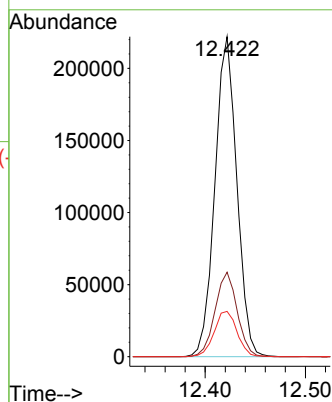
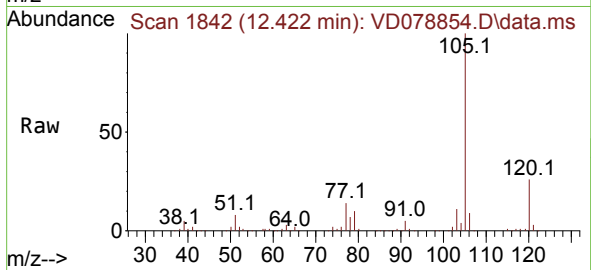
Tgt Ion:105 Resp: 336783

Ion Ratio Lower Upper

105 100

120 26.7 21.6 32.4

77 14.9 11.4 17.2



#61

1,2,3-Trichloropropane

Concen: 30.465 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

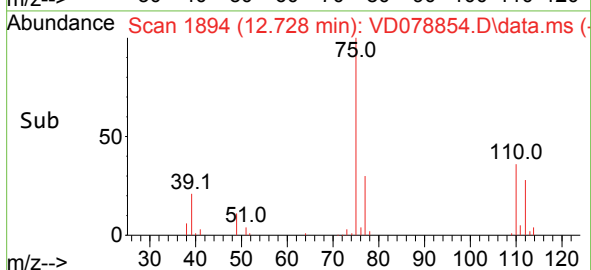
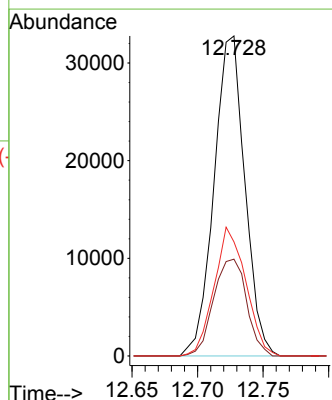
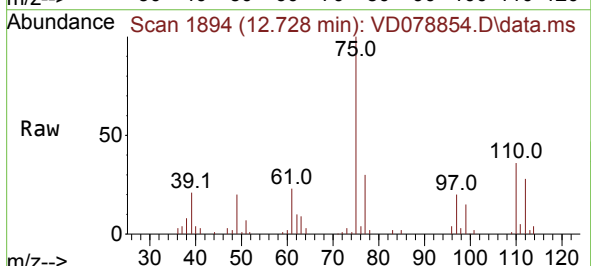
Tgt Ion: 75 Resp: 53622

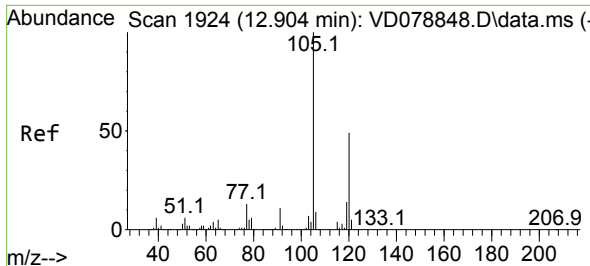
Ion Ratio Lower Upper

75 100

77 32.4 26.9 40.3

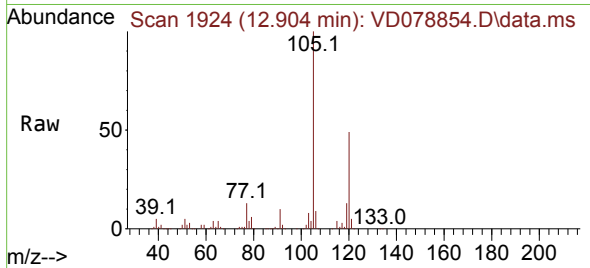
110 41.4 34.6 51.8



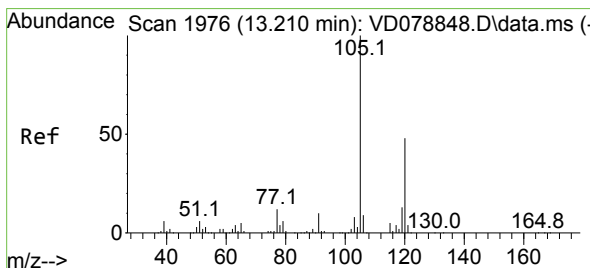
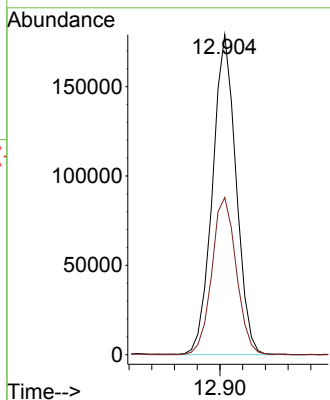
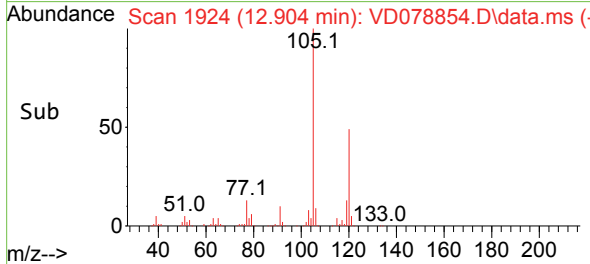


#62
1,3,5-Trimethylbenzene
Concen: 35.292 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

Instrument :
MSVOA_D
ClientSampleId :

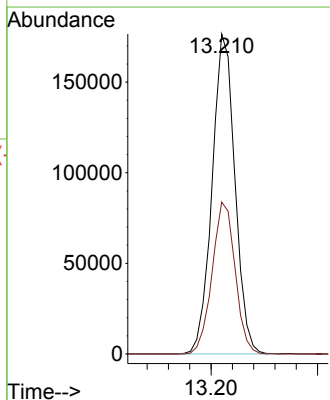
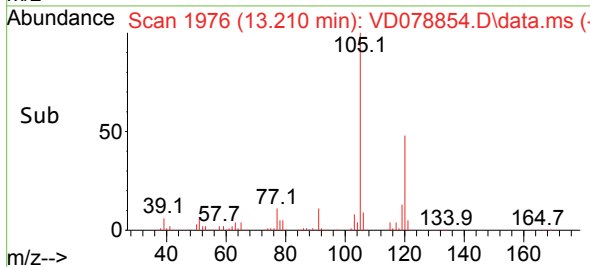
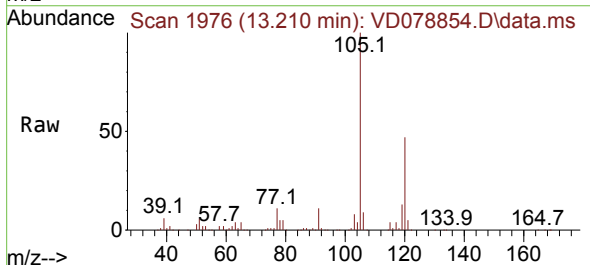


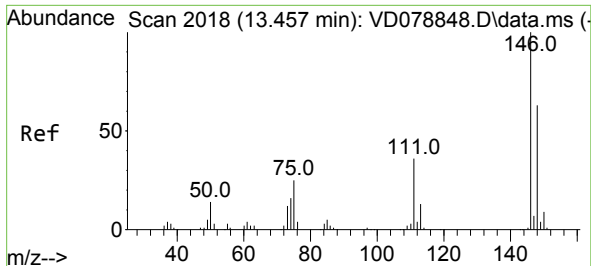
Tgt Ion:105 Resp: 258176
Ion Ratio Lower Upper
105 100
120 50.9 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 29.202 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

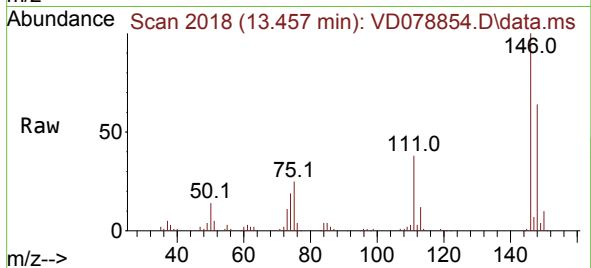
Tgt Ion:105 Resp: 262149
Ion Ratio Lower Upper
105 100
120 47.8 38.6 57.8



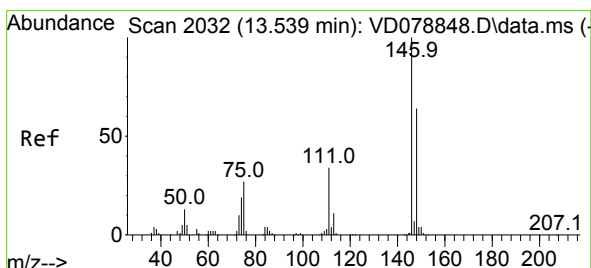
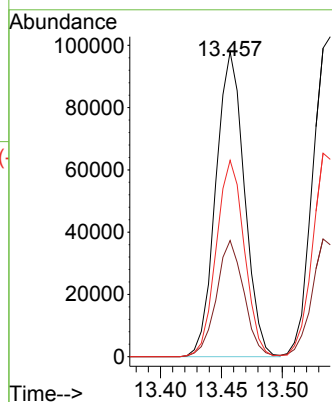
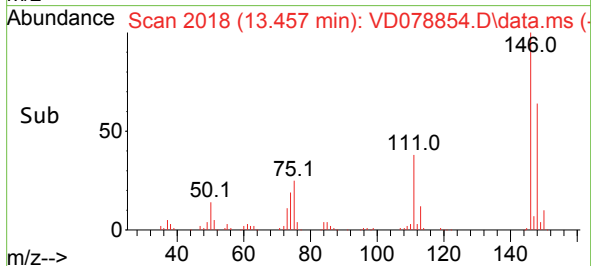


#64
1,3-Dichlorobenzene
Concen: 26.601 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

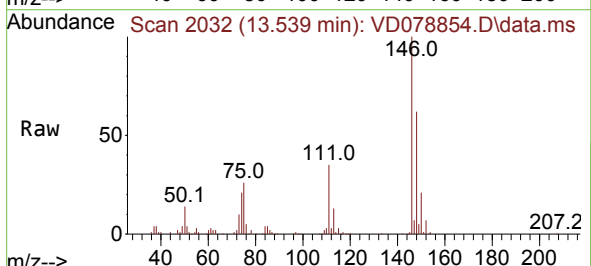
Instrument :
MSVOA_D
ClientSampleId :



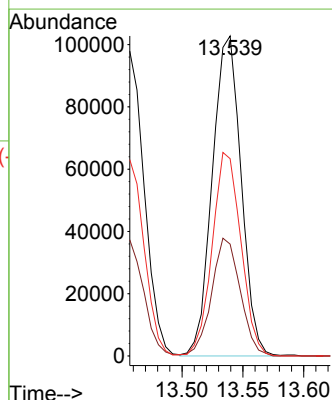
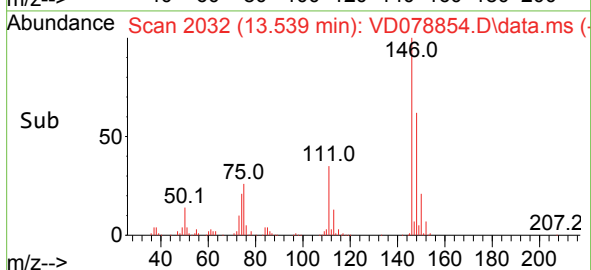
Tgt Ion:146 Resp: 159769
Ion Ratio Lower Upper
146 100
111 38.1 23.7 44.1
148 64.4 43.6 81.0

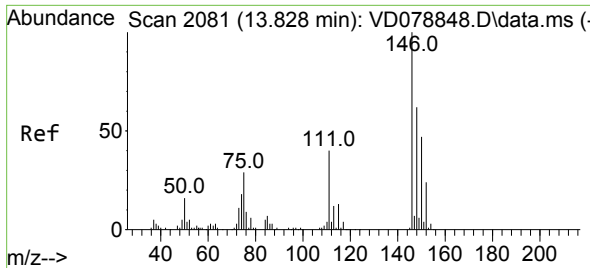


#65
1,4-Dichlorobenzene
Concen: 26.663 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31



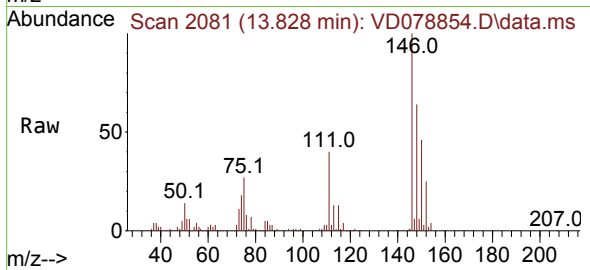
Tgt Ion:146 Resp: 169350
Ion Ratio Lower Upper
146 100
111 35.0 22.7 42.3
148 61.6 44.9 83.5



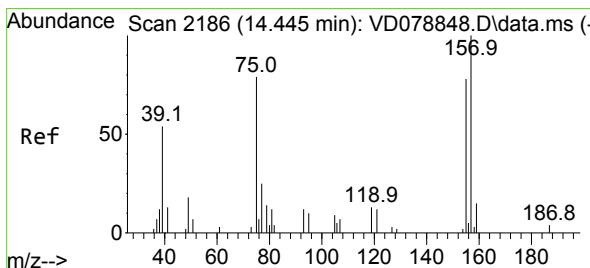
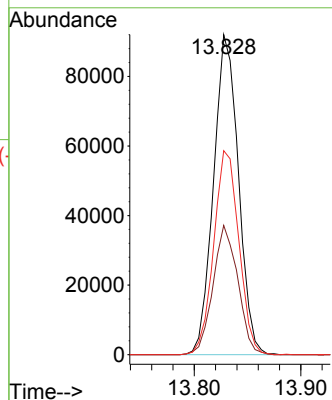
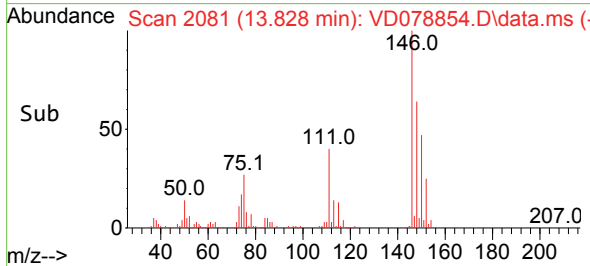


#67
1,2-Dichlorobenzene
Concen: 26.350 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31

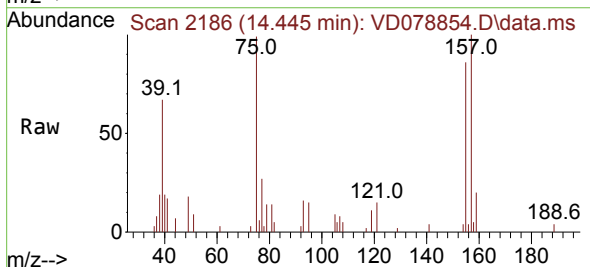
Instrument :
MSVOA_D
ClientSampleId :



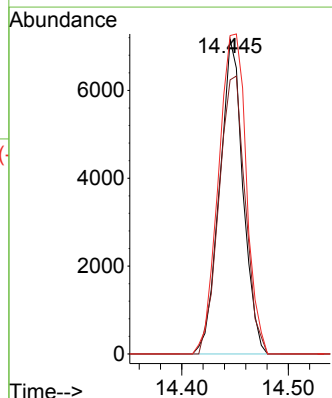
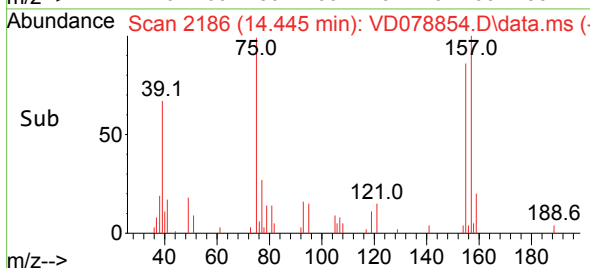
Tgt Ion:146 Resp: 149088
Ion Ratio Lower Upper
146 100
111 40.4 29.5 44.3
148 63.8 55.7 83.5

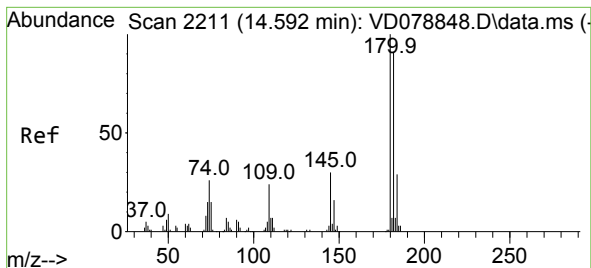


#68
1,2-Dibromo-3-chloropropane
Concen: 27.312 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078854.D
Acq: 30 Apr 2024 14:31



Tgt Ion: 75 Resp: 10945
Ion Ratio Lower Upper
75 100
155 87.1 85.3 127.9
157 101.3 94.7 142.1





#69

1,3,5-Trichlorobenzene

Concen: 26.134 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

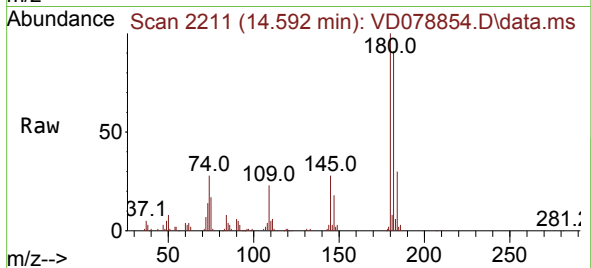
Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 100940

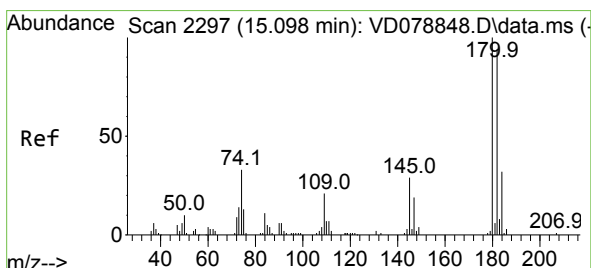
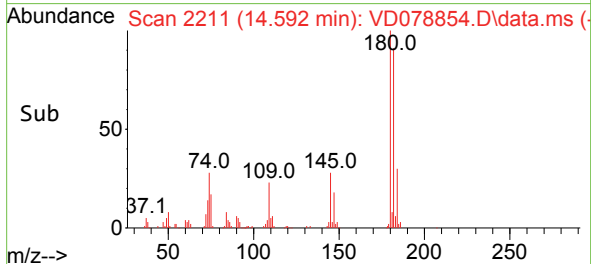
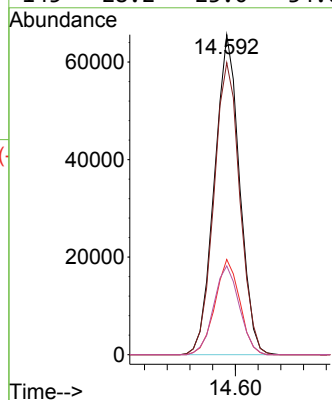
Ion Ratio Lower Upper

180 100

182 94.0 76.0 114.0

184 29.2 24.5 36.7

145 28.2 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 25.751 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078854.D

Acq: 30 Apr 2024 14:31

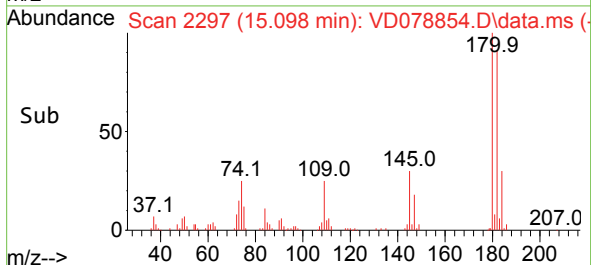
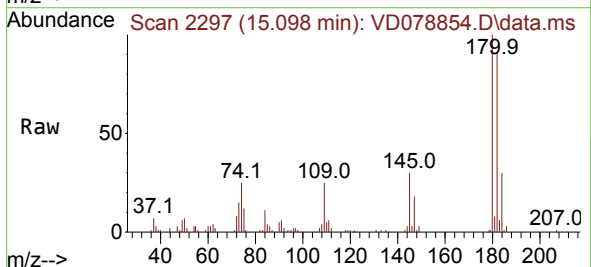
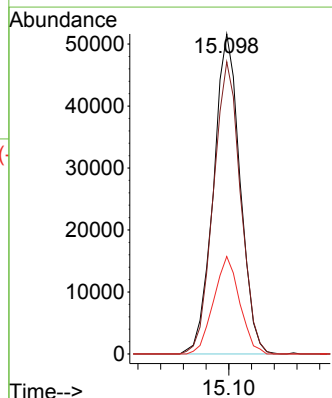
Tgt Ion:180 Resp: 83878

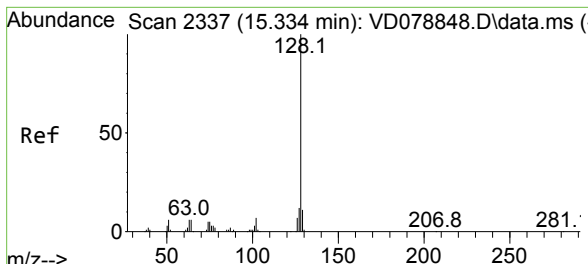
Ion Ratio Lower Upper

180 100

182 93.1 74.7 112.1

145 29.8 22.6 33.8

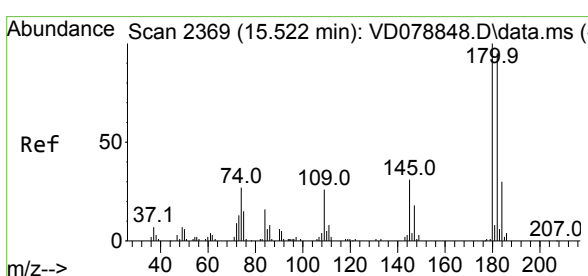
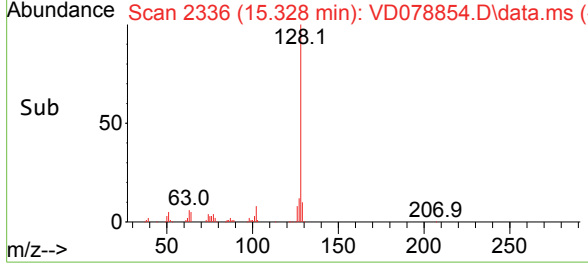
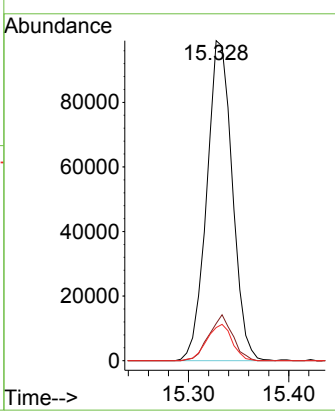
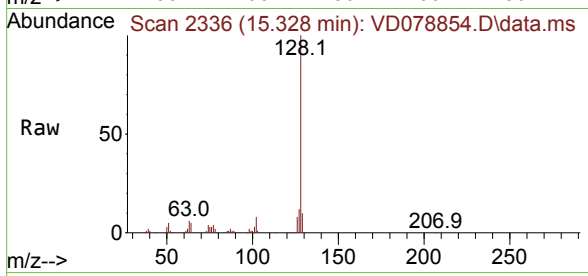




#71
 Naphthalene
 Concen: 27.725 ug/L
 RT: 15.328 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078854.D
 Acq: 30 Apr 2024 14:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	175282
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	11.2	8.8	13.2



#72
 1,2,3-Trichlorobenzene
 Concen: 26.713 ug/L
 RT: 15.522 min Scan# 2369
 Delta R.T. -0.000 min
 Lab File: VD078854.D
 Acq: 30 Apr 2024 14:31

Tgt Ion:	180	Resp:	79666
Ion Ratio	Lower	Upper	
180	100		
182	95.2	78.1	117.1
145	31.6	24.4	36.6

