

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020724\
 Data File : VD078357.D
 Acq On : 07 Feb 2024 09:58
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:18:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 00:51:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	174537	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	170551	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	81235	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	130347	26.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.280%	
7) Chloroethane-d5	2.805	69	108863	26.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.600%	
11) 1,1-Dichloroethene-d2	3.916	65	27791	25.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.960%	
21) 2-Butanone-d5	6.993	46	31269	42.888	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 85.780%	
24) Chloroform-d	7.569	84	123606	24.839	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 99.360%	
26) 1,2-Dichloroethane-d4	8.228	65	67560	25.157	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.640%	
32) Benzene-d6	8.204	84	260729	26.145	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.560%	
36) 1,2-Dichloropropane-d6	9.210	67	79146	25.779	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.120%	
41) Toluene-d8	10.269	98	236993	26.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.840%	
43) trans-1,3-Dichloroprop...	10.522	79	34112	24.884	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.520%	
47) 2-Hexanone-d5	10.875	63	27819	44.660	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 89.320%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68623	24.054	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 96.200%	
66) 1,2-Dichlorobenzene-d4	13.816	152	70135	24.116	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	93155	27.069	ug/L	98
3) Chloromethane	2.152	50	130677	26.109	ug/L	99
5) Vinyl chloride	2.287	62	167124	27.007	ug/L	96
6) Bromomethane	2.699	94	78396	27.943	ug/L	95
8) Chloroethane	2.840	64	108562	27.554	ug/L	99
9) Trichlorofluoromethane	3.181	101	127647	29.017	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	77872	28.447	ug/L	96
12) 1,1-Dichloroethene	3.946	96	69159	27.298	ug/L	98
13) Acetone	4.028	43	50142	52.380	ug/L	99
14) Carbon disulfide	4.275	76	236299	25.305	ug/L	96
15) Methyl Acetate	4.569	43	35572	24.800	ug/L	# 77
16) Methylene chloride	4.799	84	87056	25.433	ug/L	97
17) trans-1,2-Dichloroethene	5.322	96	76417	27.373	ug/L	92
18) Methyl tert-butyl Ether	5.316	73	172318	26.539	ug/L	99
19) 1,1-Dichloroethane	6.116	63	141748	29.016	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	85261	27.867	ug/L	99
22) 2-Butanone	7.087	43	56175	48.466	ug/L	99
23) Bromochloromethane	7.428	128	39015	28.868	ug/L	94
25) Chloroform	7.593	83	156119	29.287	ug/L	100

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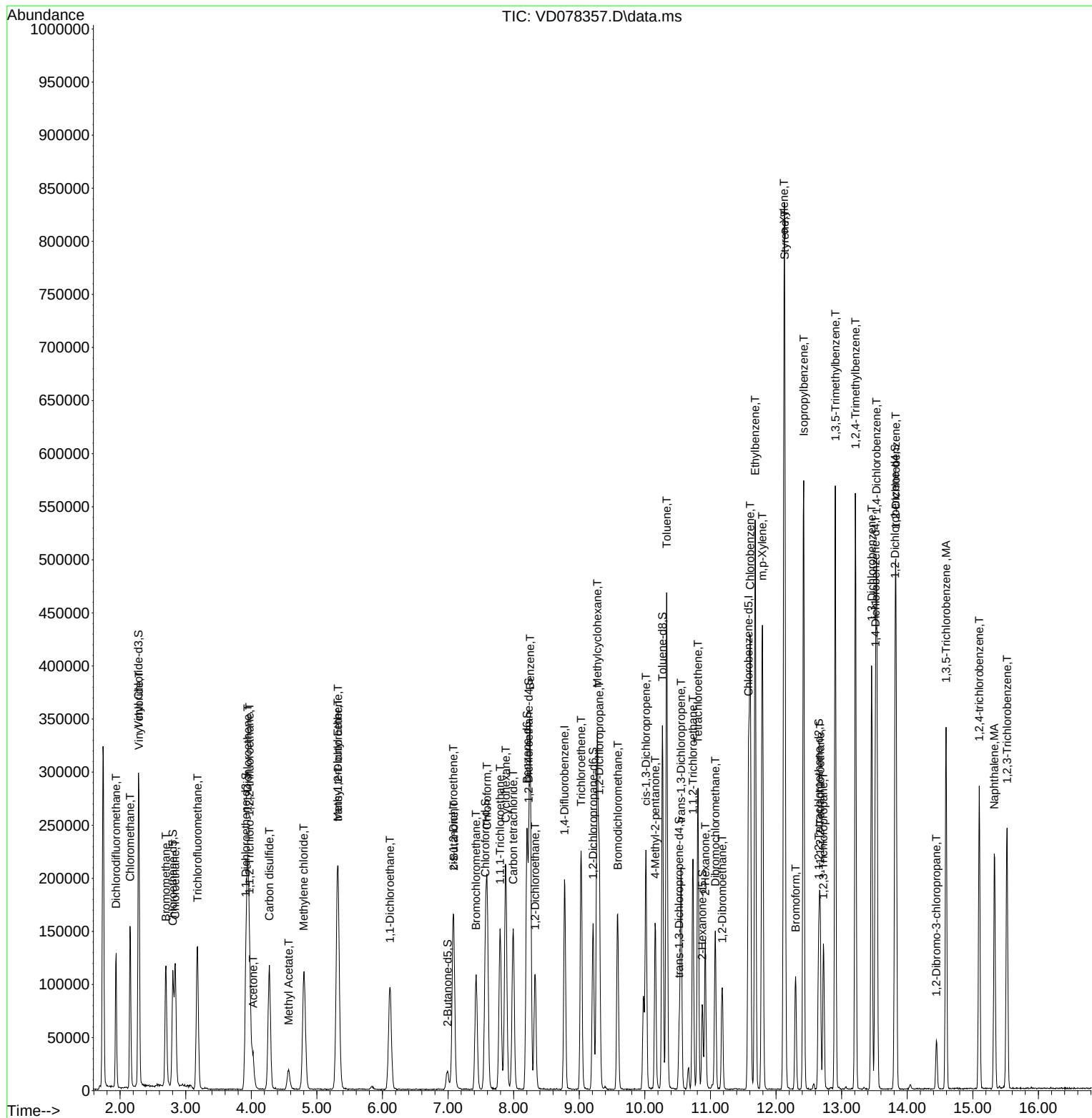
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	96100	28.071	ug/L	98
29) Cyclohexane	7.881	56	111312	28.872	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	120435	28.808	ug/L	96
31) Carbon tetrachloride	7.993	117	109318	29.682	ug/L	100
33) Benzene	8.251	78	330172	28.729	ug/L	100
34) Trichloroethene	9.028	95	80468	27.723	ug/L	94
35) Methylcyclohexane	9.275	83	133576	29.410	ug/L	98
37) 1,2-Dichloropropane	9.304	63	84512	27.907	ug/L	99
38) Bromodichloromethane	9.587	83	110060	27.855	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	134427	28.518	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	102270	54.377	ug/L	97
42) Toluene	10.334	91	348881	29.178	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	114882	27.856	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	68607	28.422	ug/L	94
46) Tetrachloroethene	10.810	164	59588	29.897	ug/L	99
48) 2-Hexanone	10.922	43	87028	56.729	ug/L	96
49) Dibromochloromethane	11.075	129	74442	27.440	ug/L	92
50) 1,2-Dibromoethane	11.181	107	65788	27.940	ug/L #	99
51) Chlorobenzene	11.604	112	223593	28.881	ug/L	100
52) Ethylbenzene	11.681	91	384048	29.900	ug/L	95
53) m,p-Xylene	11.792	106	144607	29.294	ug/L	92
54) o-Xylene	12.122	106	141372	29.699	ug/L	98
55) Styrene	12.134	104	259056	30.169	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	81915	26.486	ug/L #	95
59) Bromoform	12.298	173	44549	27.332	ug/L	97
60) Isopropylbenzene	12.422	105	372778	30.369	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	57433	27.717	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	291656	30.377	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	287681	30.251	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	159229	29.070	ug/L	99
65) 1,4-Dichlorobenzene	13.533	146	167207	29.158	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	149988	28.948	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	12075	26.301	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	99391	29.452	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	81153	27.822	ug/L	97
71) Naphthalene	15.327	128	189614	27.767	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	77324	28.397	ug/L	98

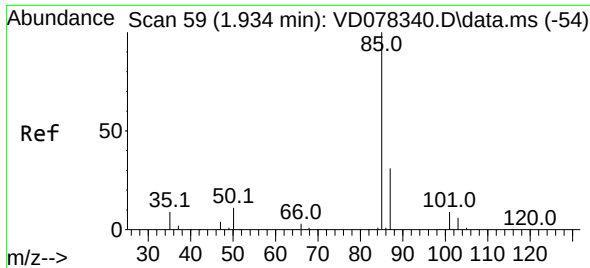
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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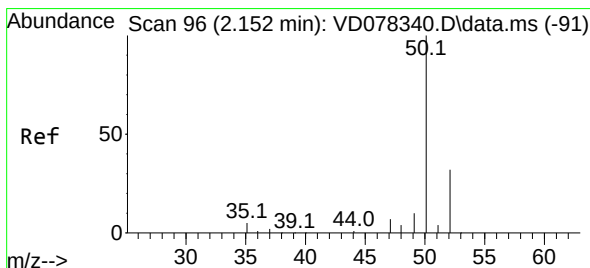
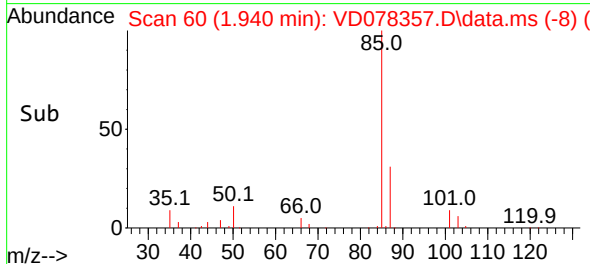
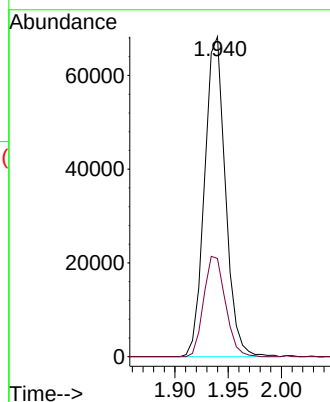
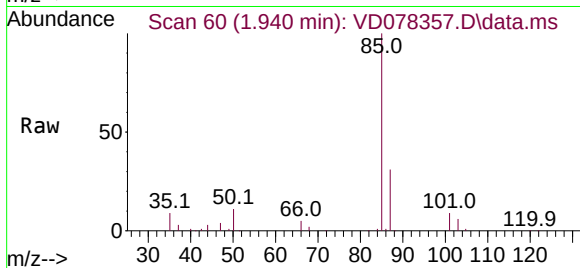




#2
Dichlorodifluoromethane
Concen: 27.069 ug/L
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

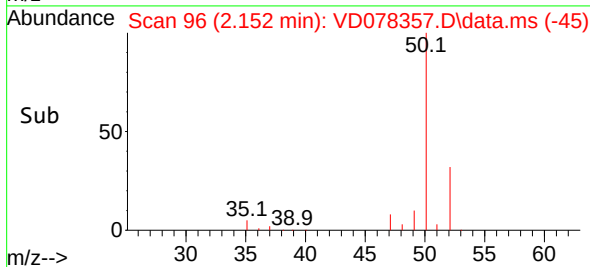
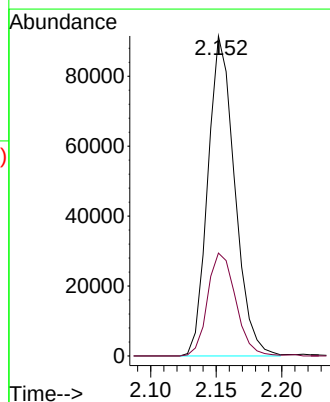
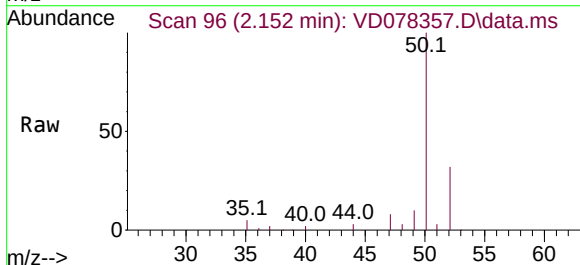
Instrument :
MSVOA_D
ClientSampleId :

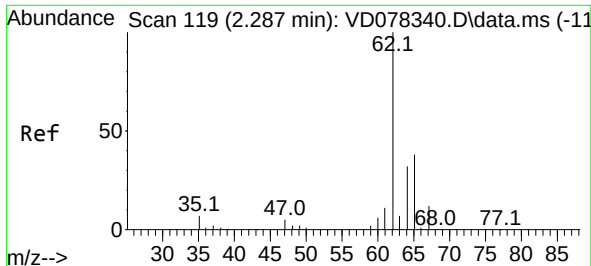
Tgt Ion: 85 Resp: 93155
Ion Ratio Lower Upper
85 100
87 32.6 25.3 37.9



#3
Chloromethane
Concen: 26.109 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

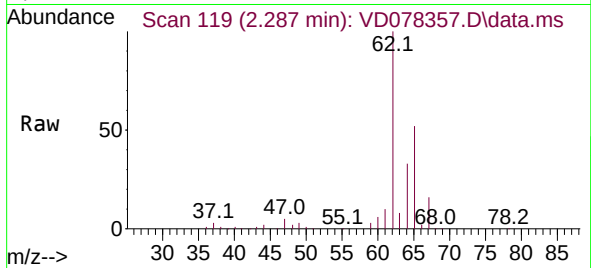
Tgt Ion: 50 Resp: 130677
Ion Ratio Lower Upper
50 100
52 32.1 22.7 42.3



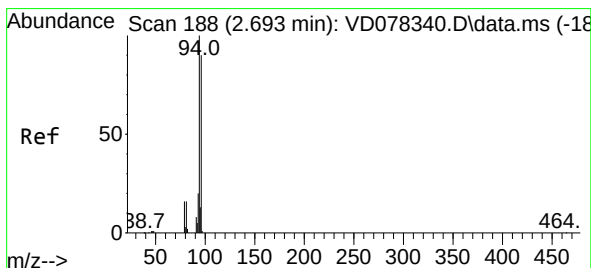
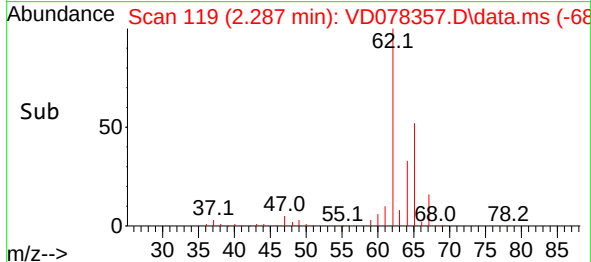
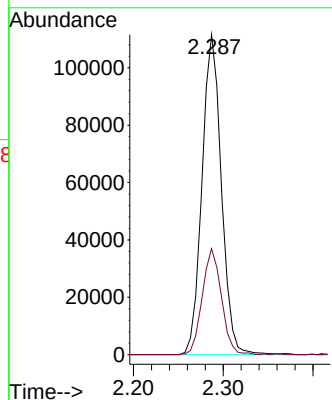


#5
 Vinyl chloride
 Concen: 27.007 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD078357.D
 Acq: 07 Feb 2024 09:58

Instrument :
 MSVOA_D
 ClientSampleId :

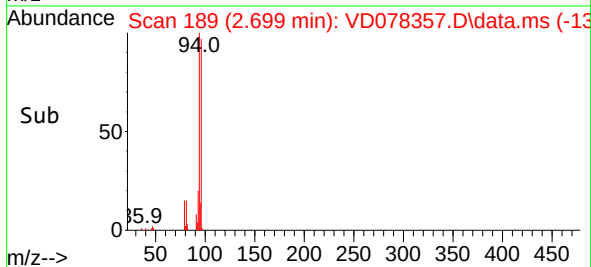
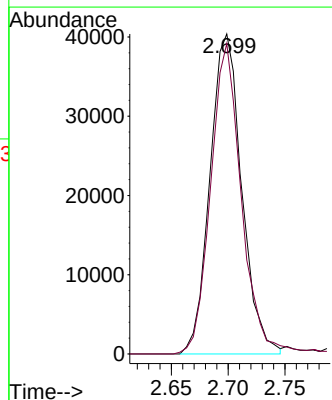
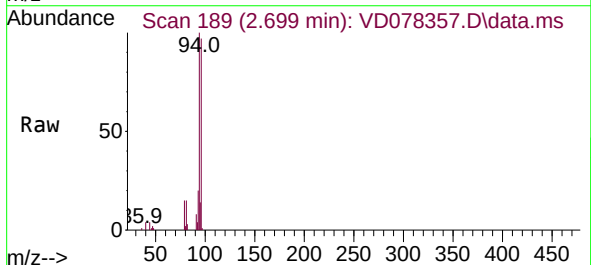


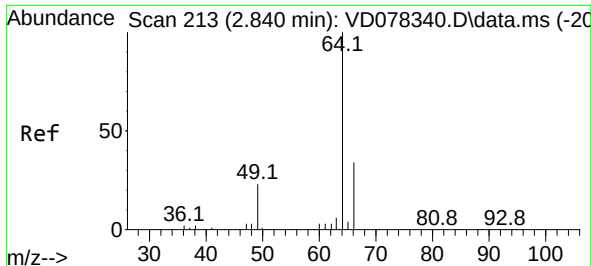
Tgt Ion: 62 Resp: 167124
 Ion Ratio Lower Upper
 62 100
 64 33.2 21.7 40.3



#6
 Bromomethane
 Concen: 27.943 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD078357.D
 Acq: 07 Feb 2024 09:58

Tgt Ion: 94 Resp: 78396
 Ion Ratio Lower Upper
 94 100
 96 97.0 64.8 120.4

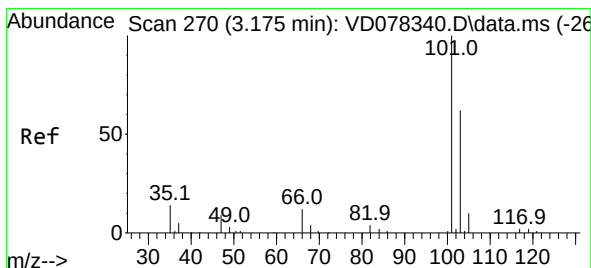
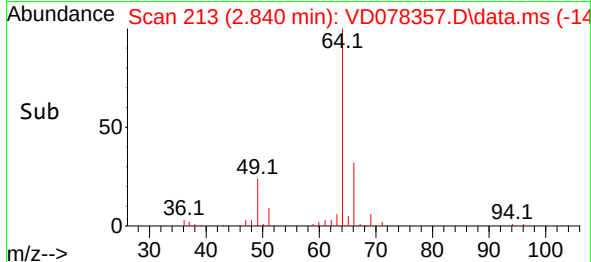
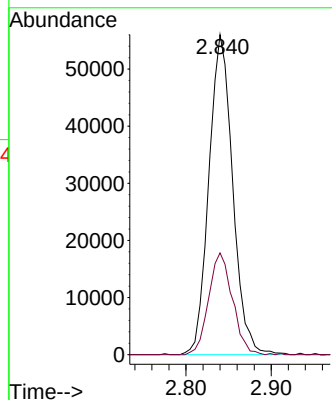
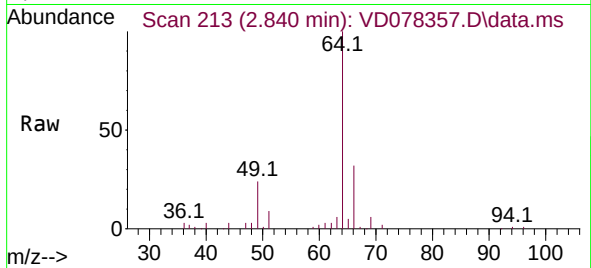




#8
Chloroethane
Concen: 27.554 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

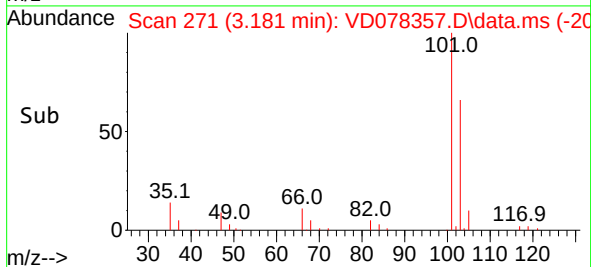
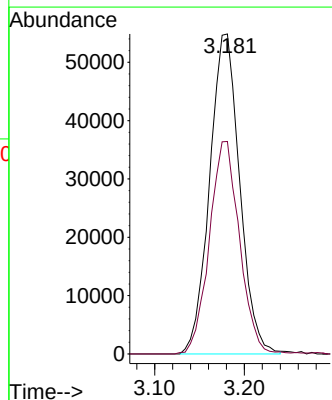
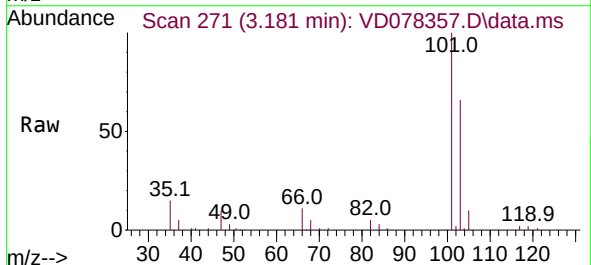
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MSVOA_D
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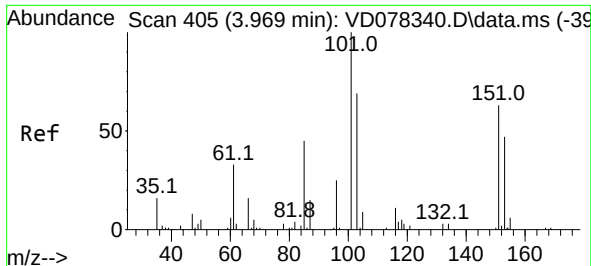
Tgt Ion: 64 Resp: 108562
Ion Ratio Lower Upper
64 100
66 31.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 29.017 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion:101 Resp: 127647
Ion Ratio Lower Upper
101 100
103 66.4 51.1 76.7

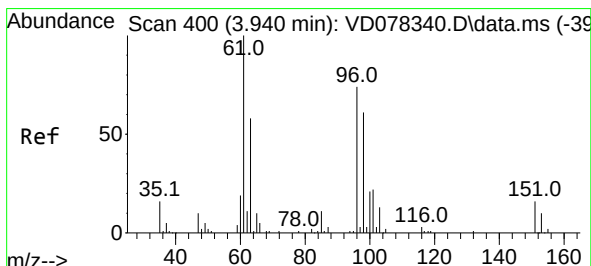
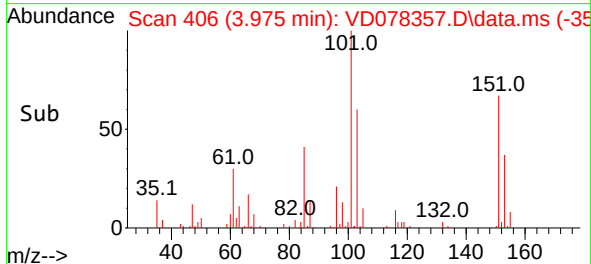
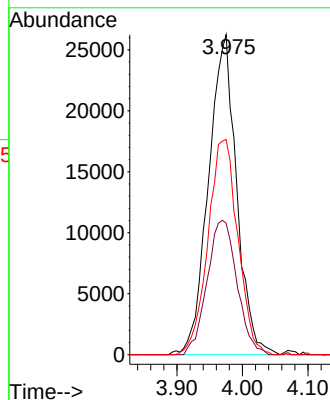
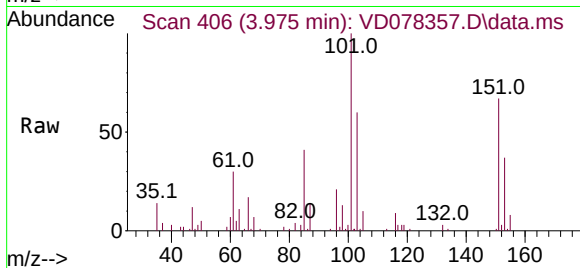




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.447 ug/L
 RT: 3.975 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD078357.D
 Acq: 07 Feb 2024 09:58

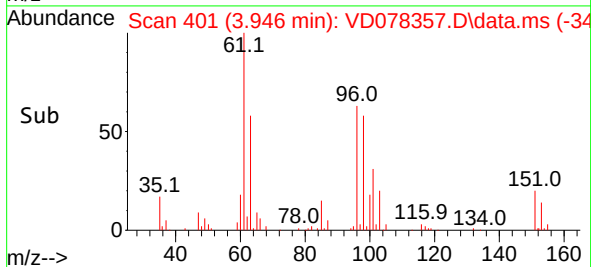
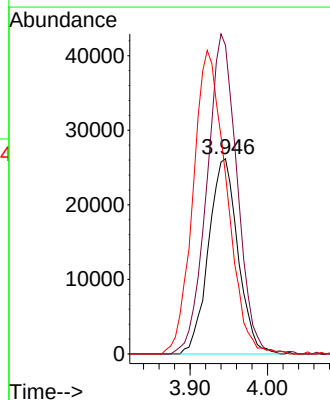
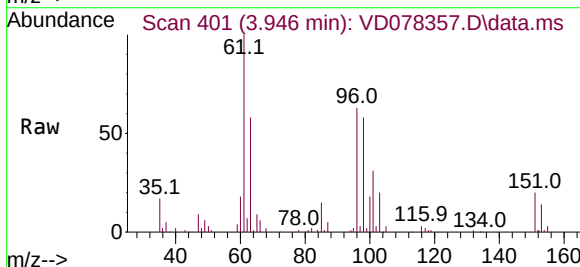
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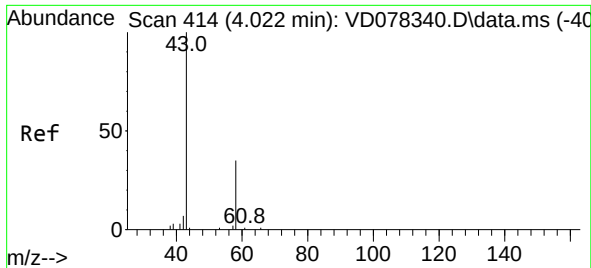
Tgt Ion:101 Resp: 77872
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.6 51.8
 151 71.7 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 27.298 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD078357.D
 Acq: 07 Feb 2024 09:58

Tgt Ion: 96 Resp: 69159
 Ion Ratio Lower Upper
 96 100
 61 158.0 108.8 202.2
 63 91.8 65.2 121.0





#13

Acetone

Concen: 52.380 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

Instrument :

MSVOA_D

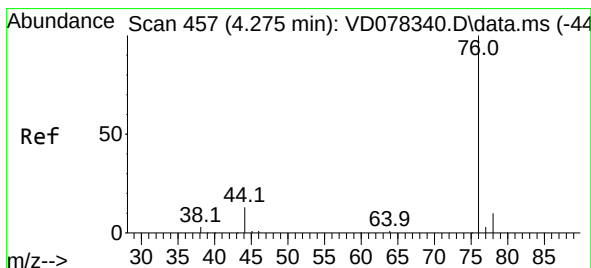
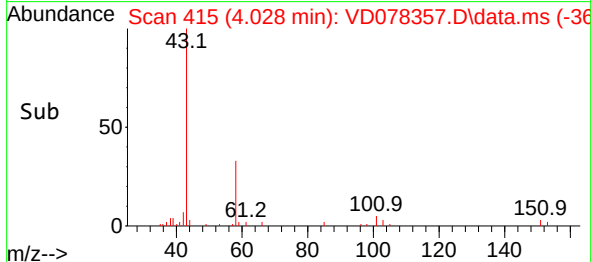
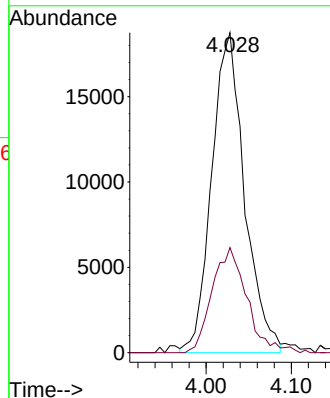
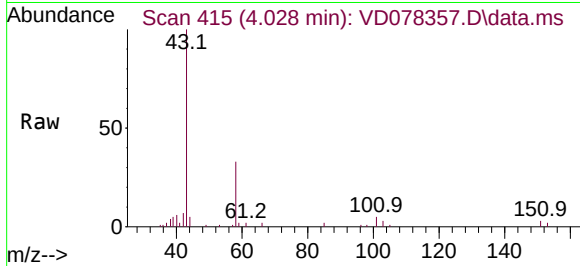
ClientSampleId :

Tgt Ion: 43 Resp: 50142

Ion Ratio Lower Upper

43 100

58 34.2 0.0 67.2



#14

Carbon disulfide

Concen: 25.305 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD078357.D

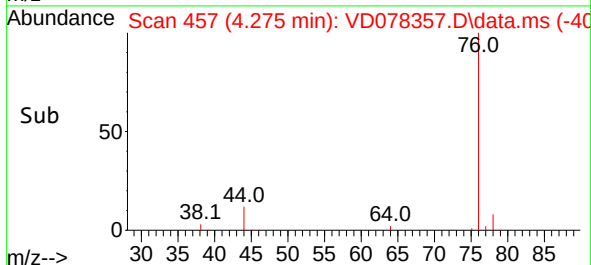
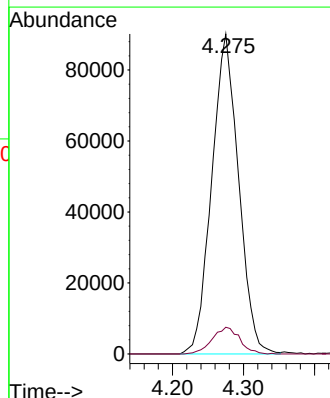
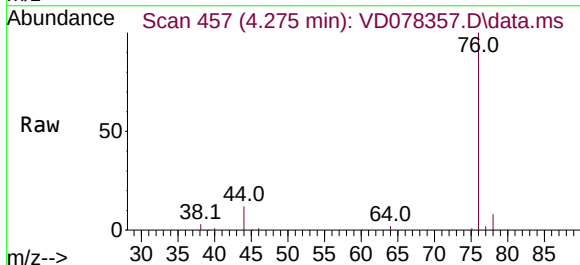
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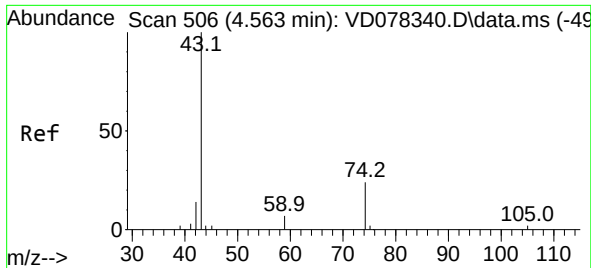
Tgt Ion: 76 Resp: 236299

Ion Ratio Lower Upper

76 100

78 8.3 7.8 11.8

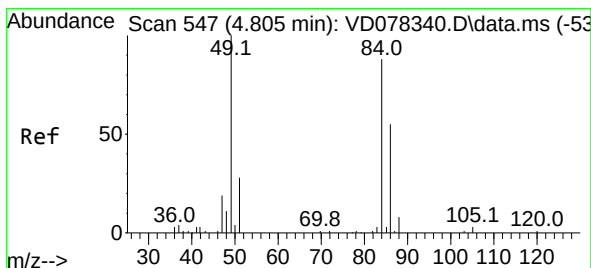
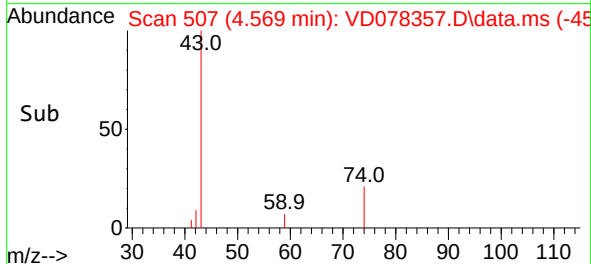
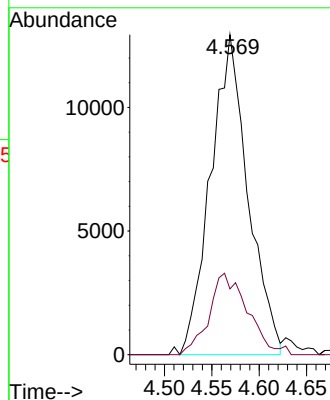
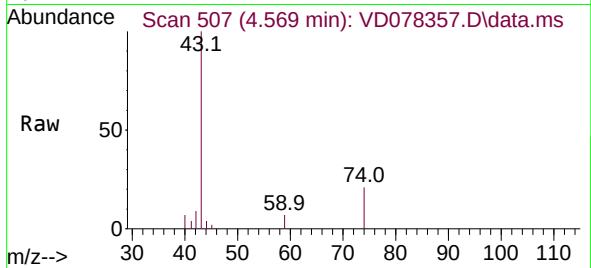




#15
Methyl Acetate
Concen: 24.800 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

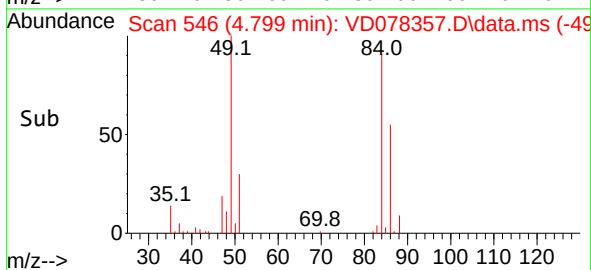
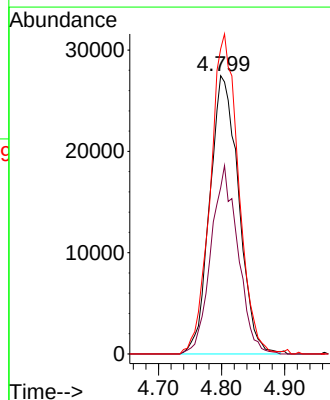
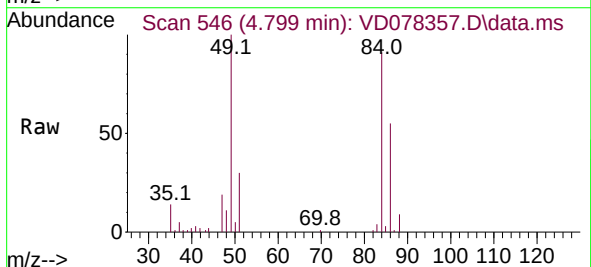
Instrument :
MSVOA_D
ClientSampleId :

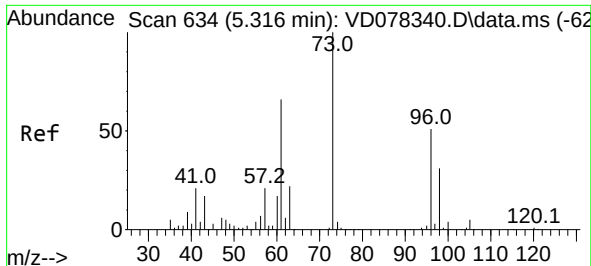
Tgt Ion: 43 Resp: 35572
Ion Ratio Lower Upper
43 100
74 25.6 12.7 19.1#



#16
Methylene chloride
Concen: 25.433 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion: 84 Resp: 87056
Ion Ratio Lower Upper
84 100
86 59.8 45.4 84.2
49 109.7 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 27.373 ug/L

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

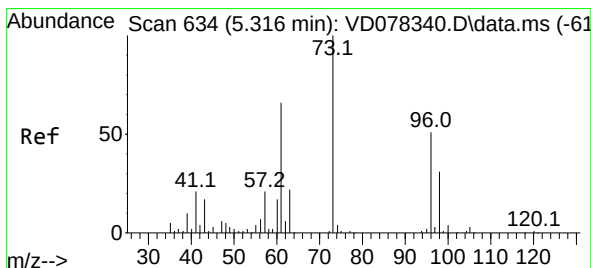
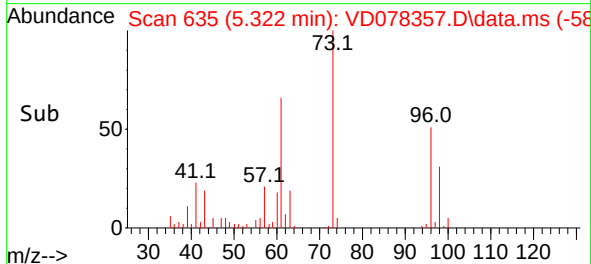
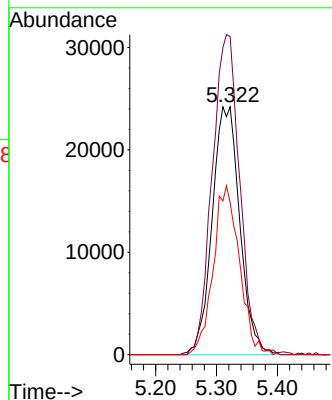
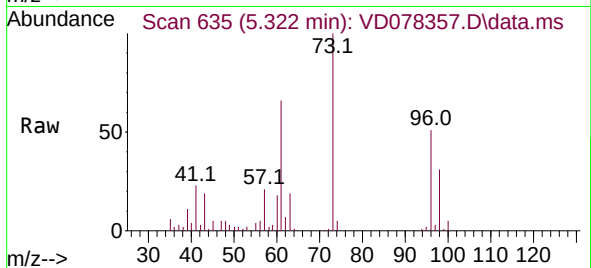
Tgt Ion: 96 Resp: 76417

Ion Ratio Lower Upper

96 100

61 128.4 82.7 153.7

98 61.4 40.7 75.7



#18

Methyl tert-butyl Ether

Concen: 26.539 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

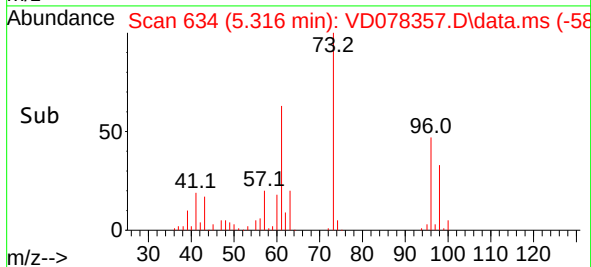
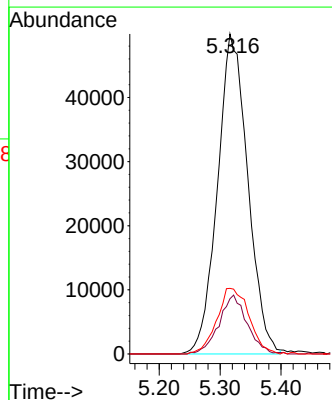
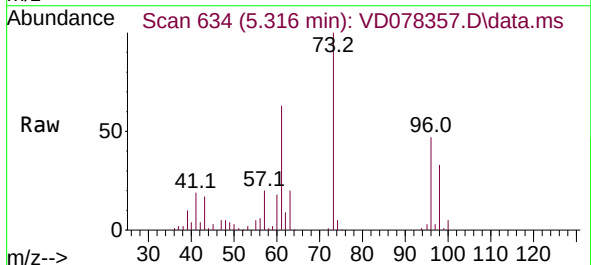
Tgt Ion: 73 Resp: 172318

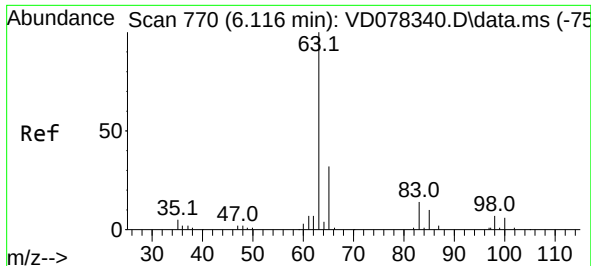
Ion Ratio Lower Upper

73 100

43 17.0 13.3 19.9

57 21.7 17.2 25.8

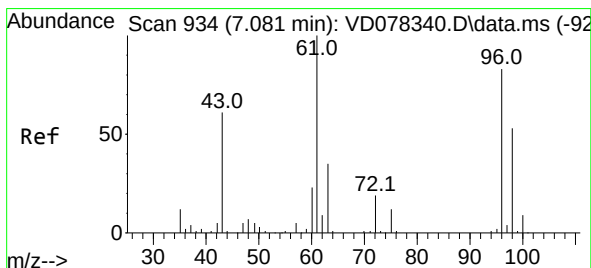
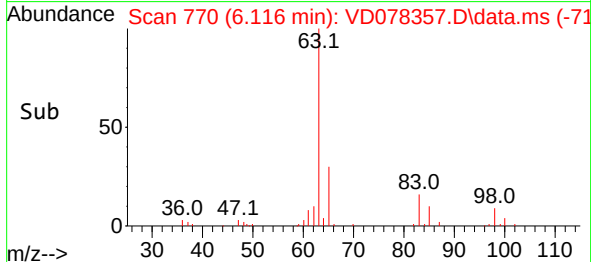
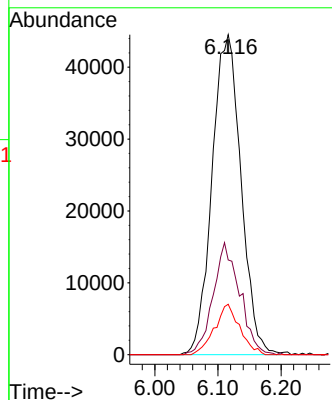
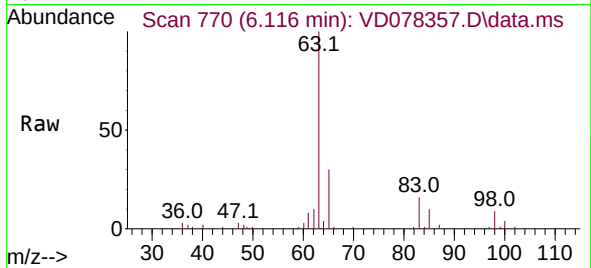




#19
1,1-Dichloroethane
Concen: 29.016 ug/L
RT: 6.116 min Scan# 770
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

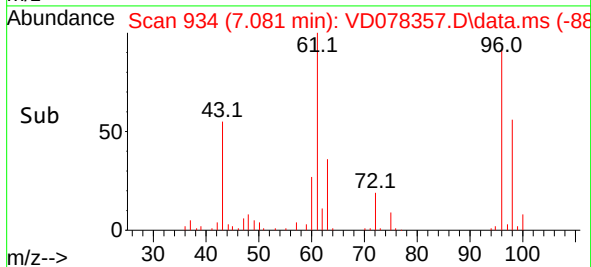
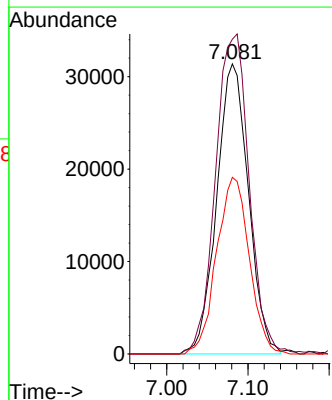
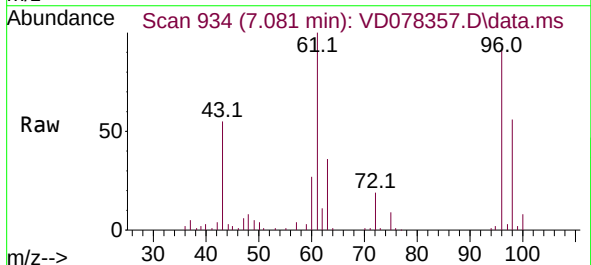
Instrument :
MSVOA_D
ClientSampleId :

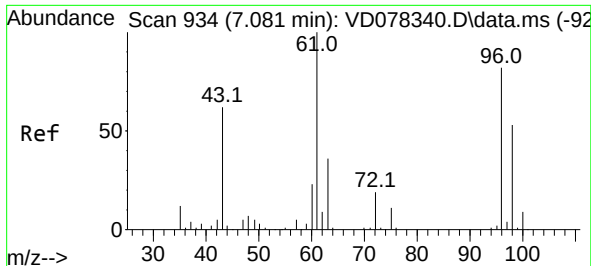
Tgt Ion: 63 Resp: 141748
Ion Ratio Lower Upper
63 100
65 29.6 21.8 40.4
83 15.7 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 27.867 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion: 96 Resp: 85261
Ion Ratio Lower Upper
96 100
61 108.5 75.6 140.4
98 60.9 43.1 80.1

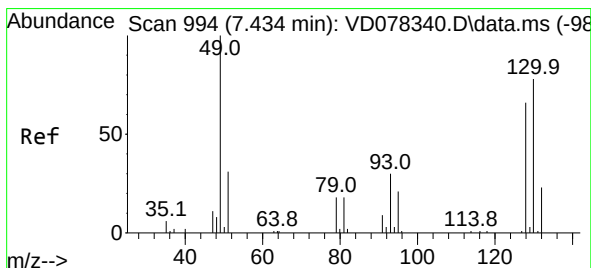
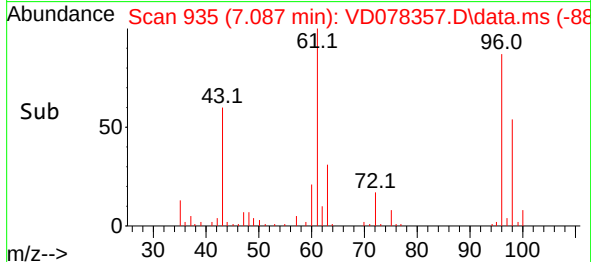
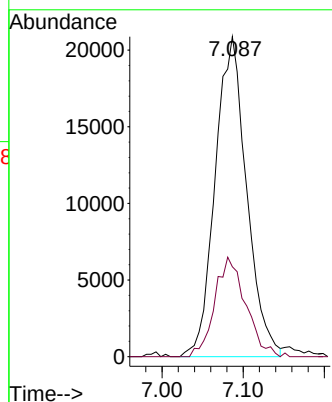
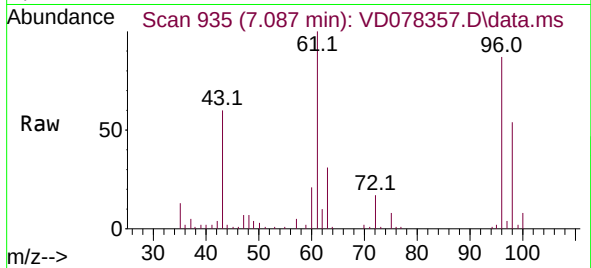




#22
2-Butanone
Concen: 48.466 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

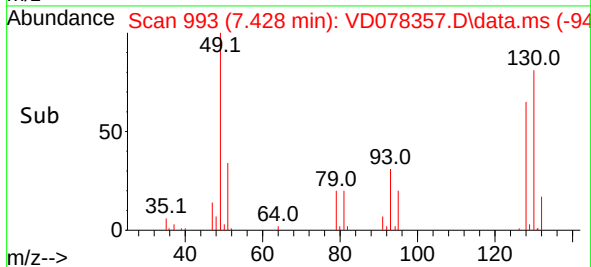
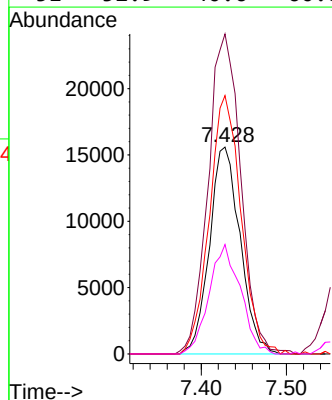
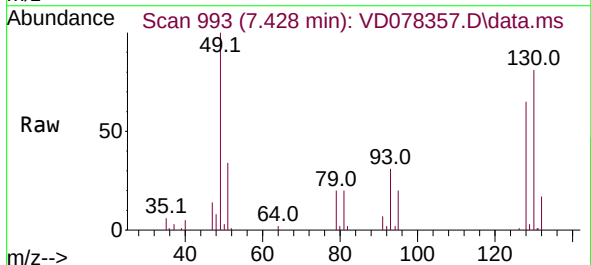
Instrument :
MSVOA_D
ClientSampleId :

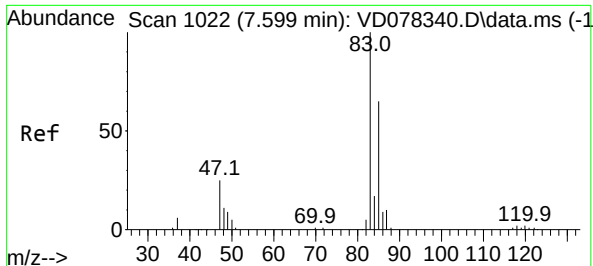
Tgt Ion: 43 Resp: 56175
Ion Ratio Lower Upper
43 100
72 30.0 15.4 46.2



#23
Bromochloromethane
Concen: 28.868 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion:128 Resp: 39015
Ion Ratio Lower Upper
128 100
49 154.7 102.7 190.7
130 124.9 82.6 153.4
51 52.9 40.6 60.8





#25

Chloroform

Concen: 29.287 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

Instrument :

MSVOA_D

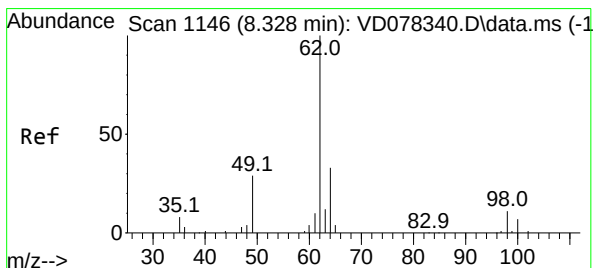
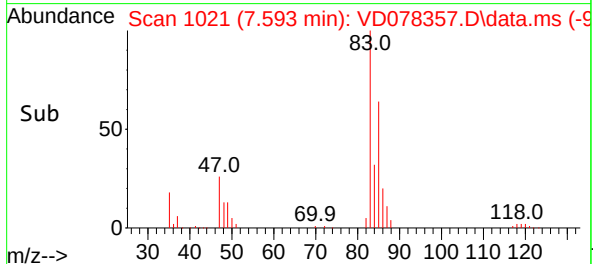
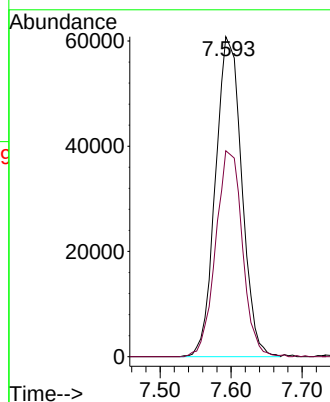
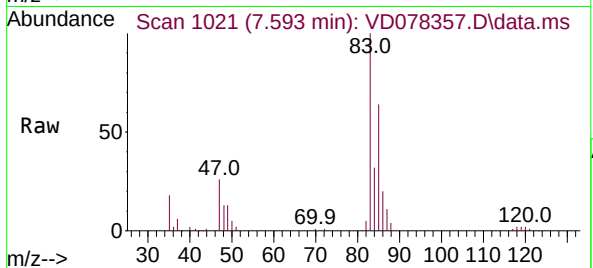
ClientSampleId :

Tgt Ion: 83 Resp: 156119

Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.3



#27

1,2-Dichloroethane

Concen: 28.071 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD078357.D

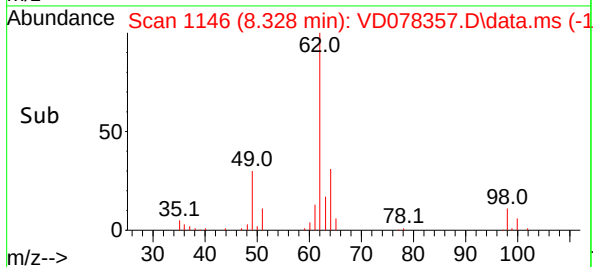
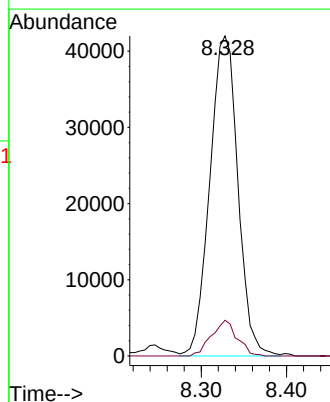
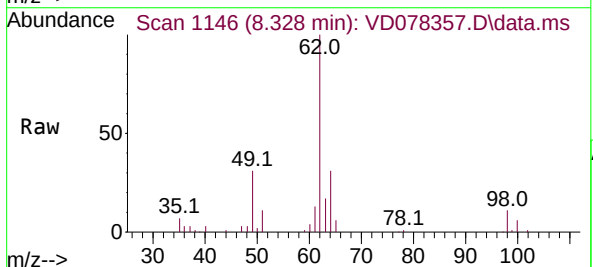
Acq: 07 Feb 2024 09:58

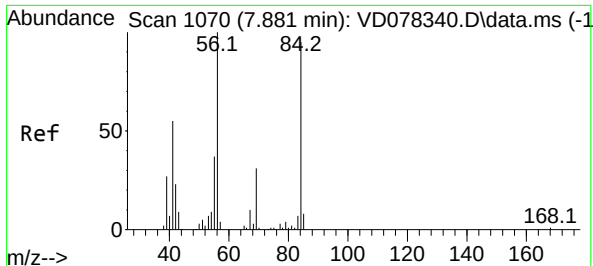
Tgt Ion: 62 Resp: 96100

Ion Ratio Lower Upper

62 100

98 11.1 9.5 14.3





#29

Cyclohexane

Concen: 28.872 ug/L

RT: 7.881 min Scan# 110

Delta R.T. -0.000 min

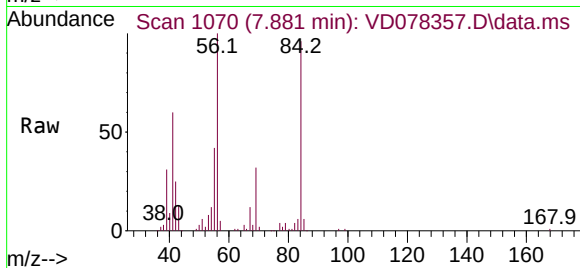
Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :



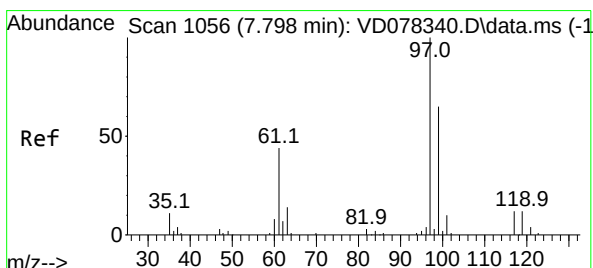
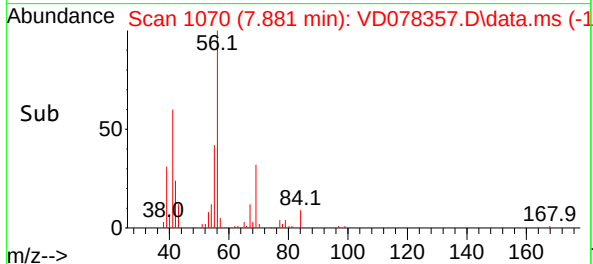
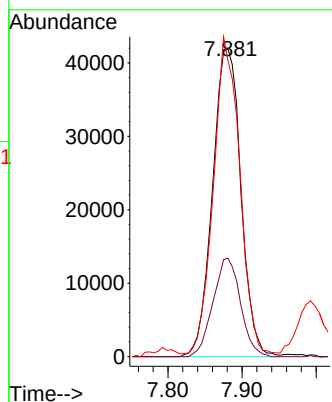
Tgt Ion: 56 Resp: 111312

Ion Ratio Lower Upper

56 100

69 31.0 23.3 34.9

84 97.7 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 28.808 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

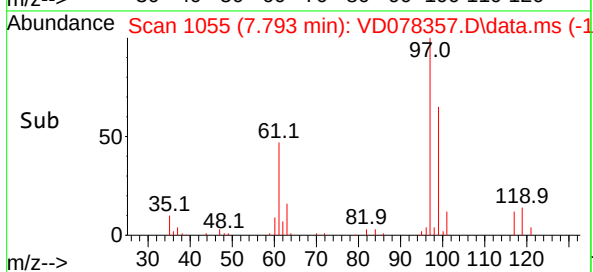
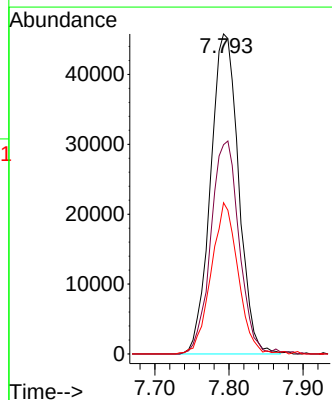
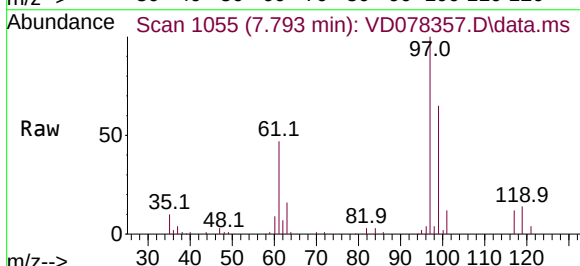
Tgt Ion: 97 Resp: 120435

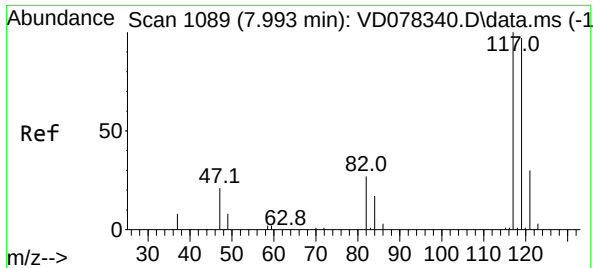
Ion Ratio Lower Upper

97 100

99 66.8 50.7 76.1

61 45.0 34.4 51.6

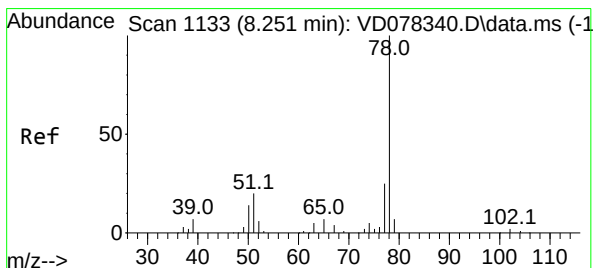
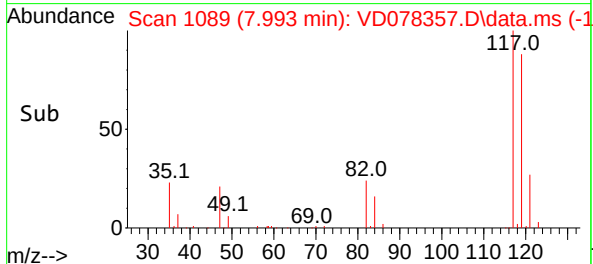
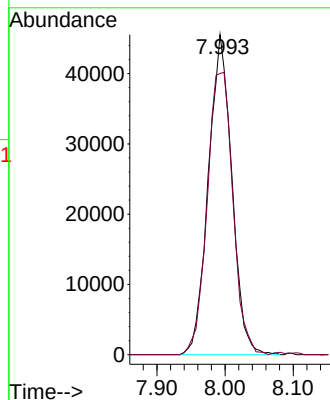
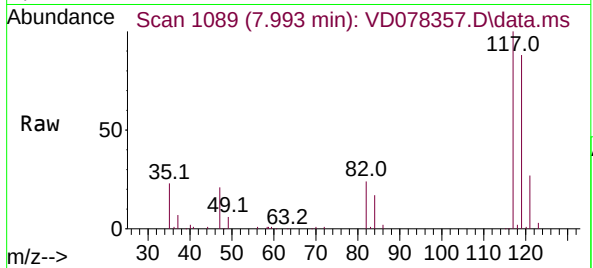




#31
Carbon tetrachloride
Concen: 29.682 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

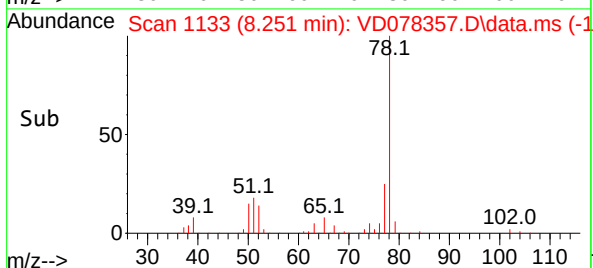
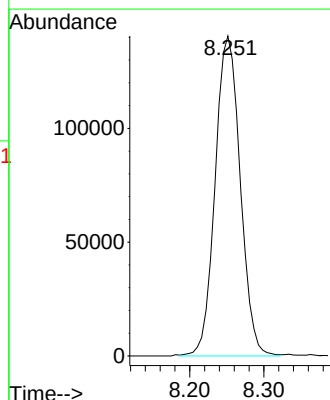
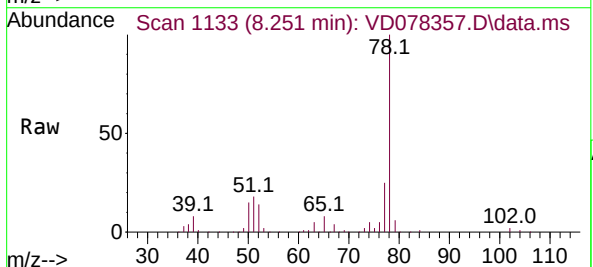
Instrument :
MSVOA_D
ClientSampleId :

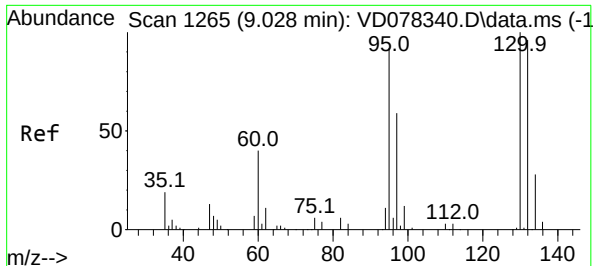
Tgt Ion:117 Resp: 109318
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.4



#33
Benzene
Concen: 28.729 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

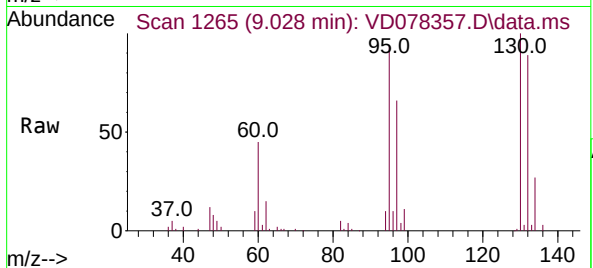
Tgt Ion: 78 Resp: 330172





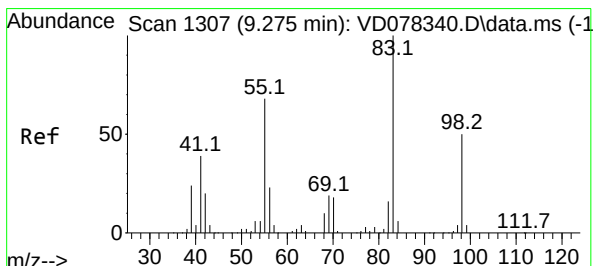
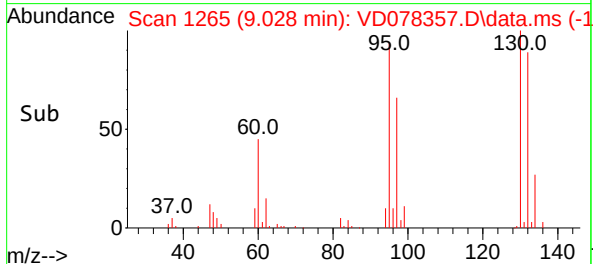
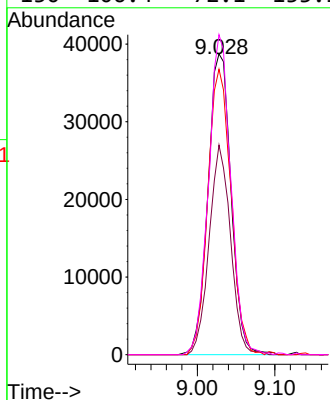
#34
 Trichloroethene
 Concen: 27.723 ug/L
 RT: 9.028 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078357.D
 Acq: 07 Feb 2024 09:58

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 95 Resp: 80468

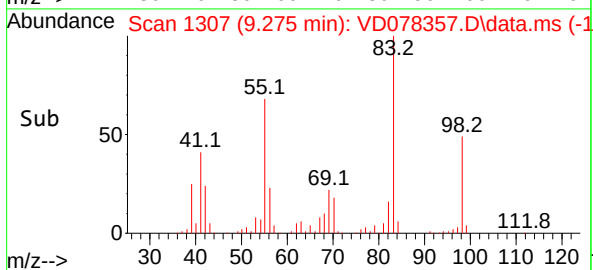
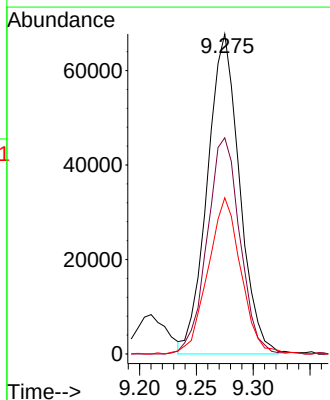
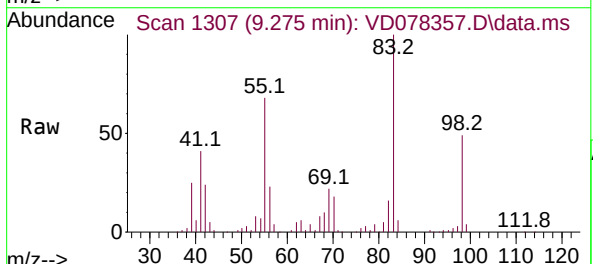
Ion	Ratio	Lower	Upper
95	100		
97	69.7	46.9	87.1
132	94.9	73.7	136.9
130	106.4	72.1	133.9

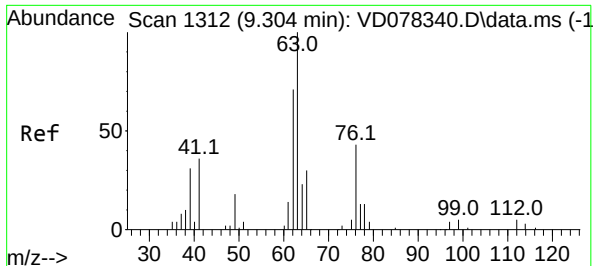


#35
 Methylcyclohexane
 Concen: 29.410 ug/L
 RT: 9.275 min Scan# 1307
 Delta R.T. -0.000 min
 Lab File: VD078357.D
 Acq: 07 Feb 2024 09:58

Tgt Ion: 83 Resp: 133576

Ion	Ratio	Lower	Upper
83	100		
55	68.7	56.2	84.4
98	49.8	41.2	61.8





#37

1,2-Dichloropropane

Concen: 27.907 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

Instrument :

MSVOA_D

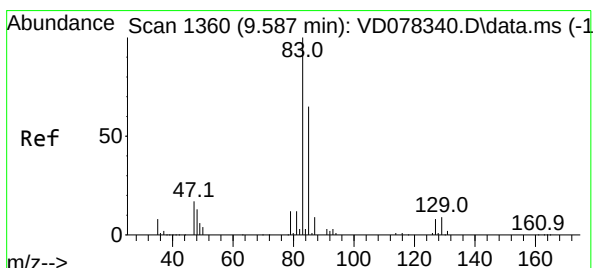
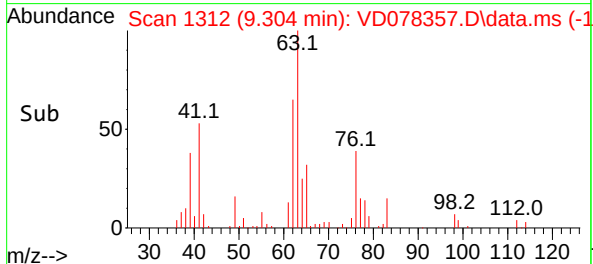
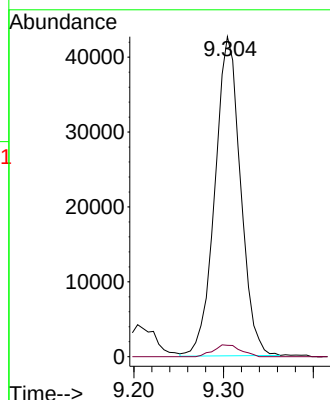
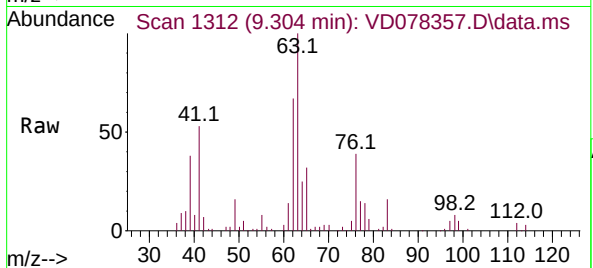
ClientSampleId :

Tgt Ion: 63 Resp: 84512

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 27.855 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

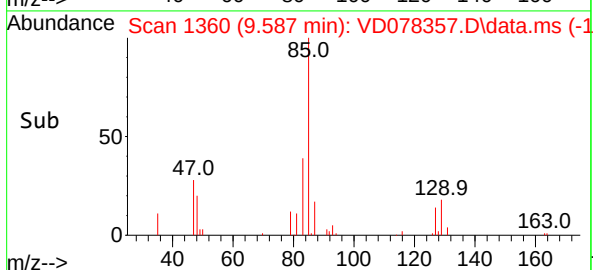
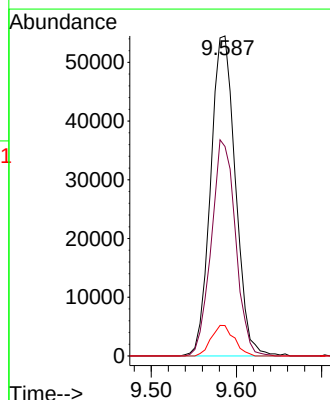
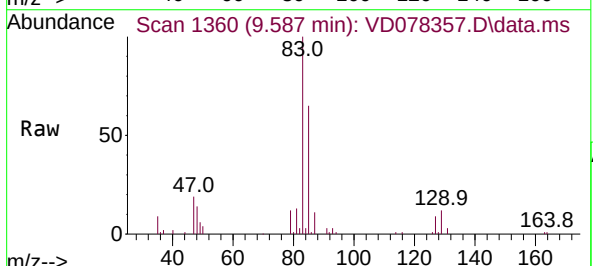
Tgt Ion: 83 Resp: 110060

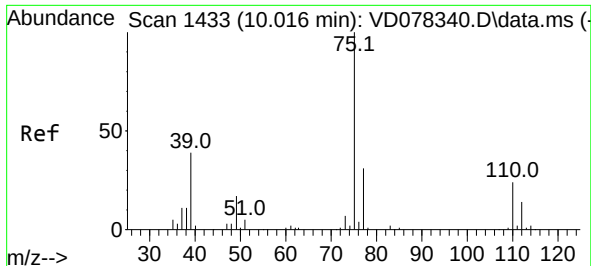
Ion Ratio Lower Upper

83 100

85 65.5 46.6 86.6

127 9.5 8.1 12.1

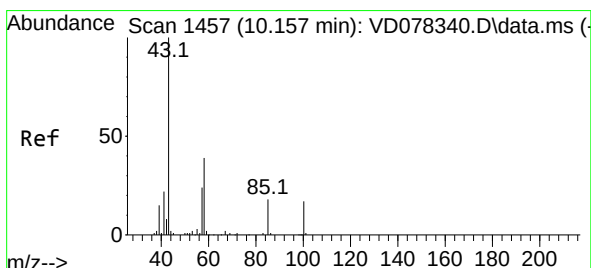
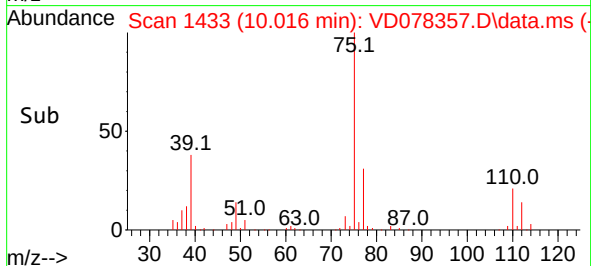
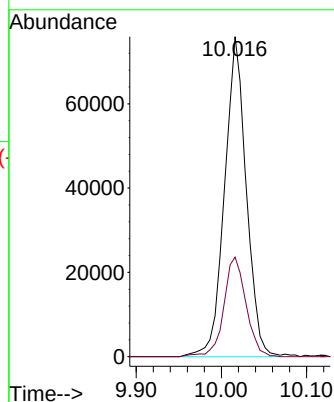
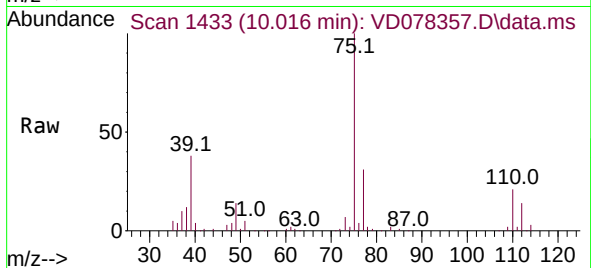




#39
 cis-1,3-Dichloropropene
 Concen: 28.518 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078357.D
 Acq: 07 Feb 2024 09:58

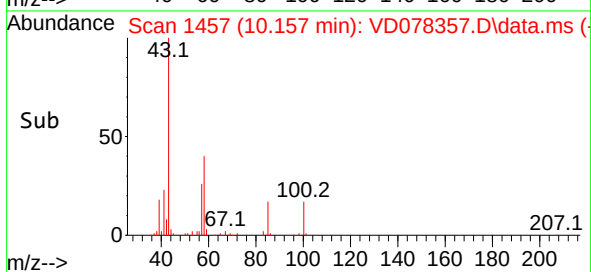
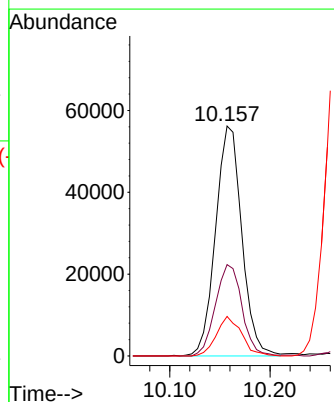
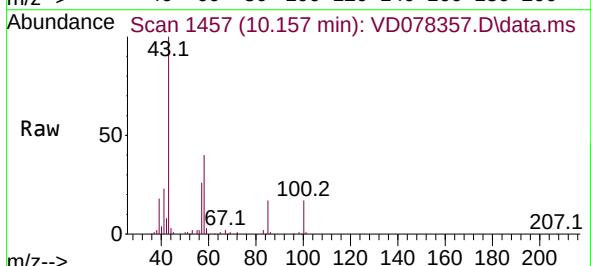
Instrument :
 MSVOA_D
 ClientSampleId :

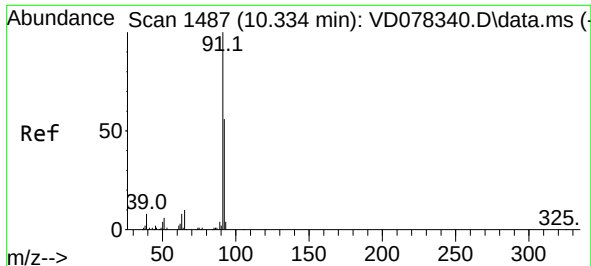
Tgt Ion: 75 Resp: 134427
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 54.377 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD078357.D
 Acq: 07 Feb 2024 09:58

Tgt Ion: 43 Resp: 102270
 Ion Ratio Lower Upper
 43 100
 58 40.0 34.0 51.0
 100 16.5 13.2 19.8

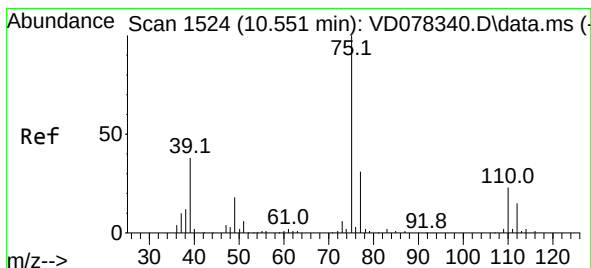
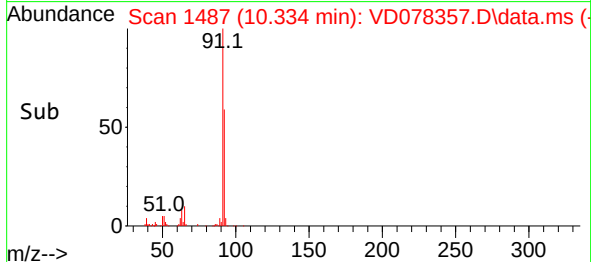
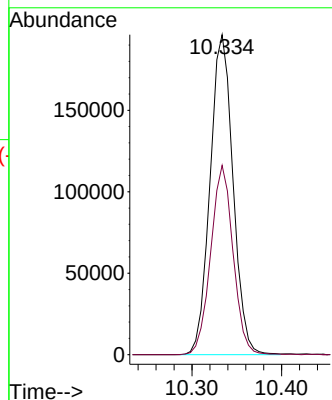
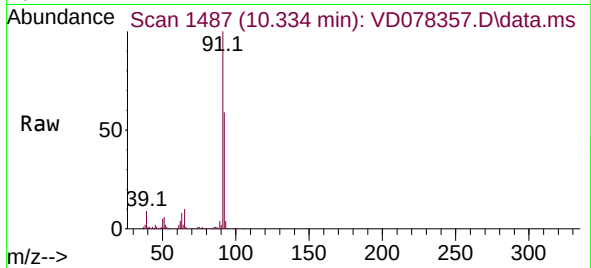




#42
Toluene
Concen: 29.178 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

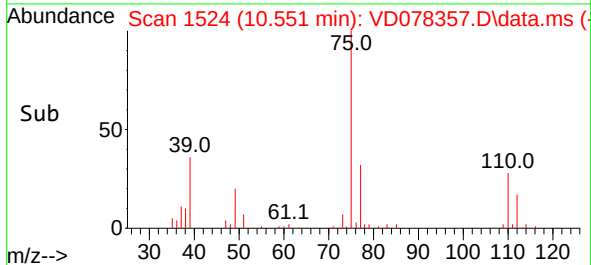
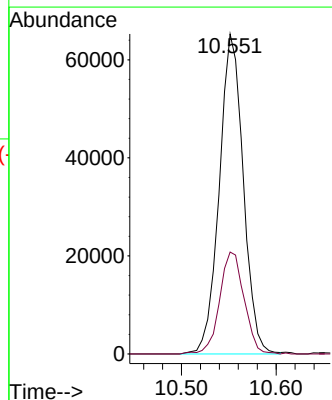
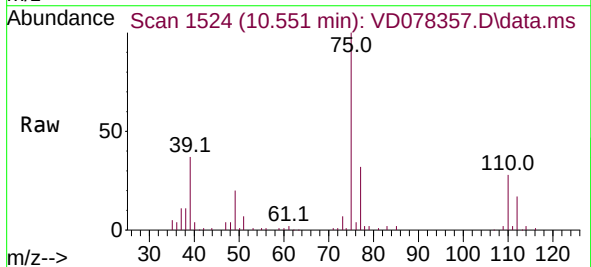
Instrument :
MSVOA_D
ClientSampleId :

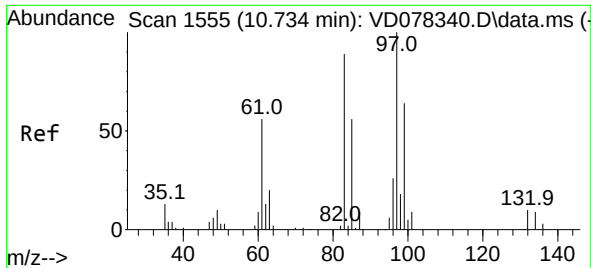
Tgt Ion: 91 Resp: 348881
Ion Ratio Lower Upper
91 100
92 59.2 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 27.856 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion: 75 Resp: 114882
Ion Ratio Lower Upper
75 100
77 31.8 20.7 38.5



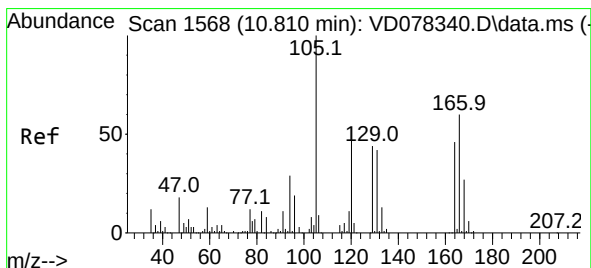
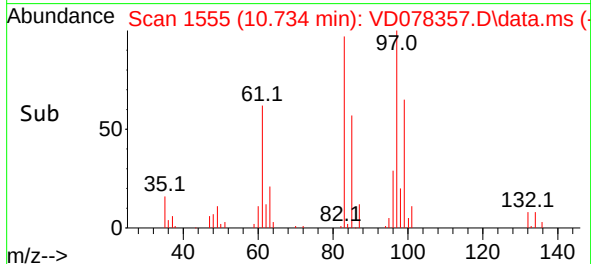
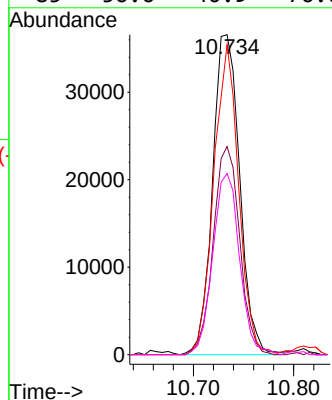
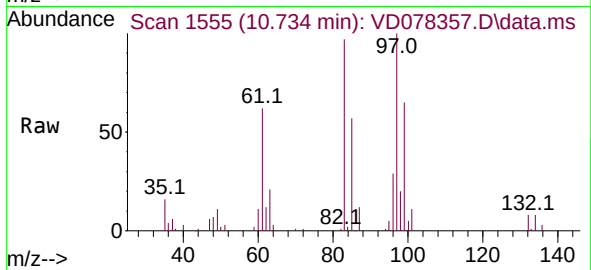


#45
1,1,2-Trichloroethane
Concen: 28.422 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 68607

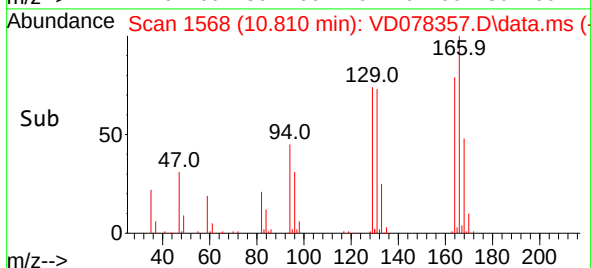
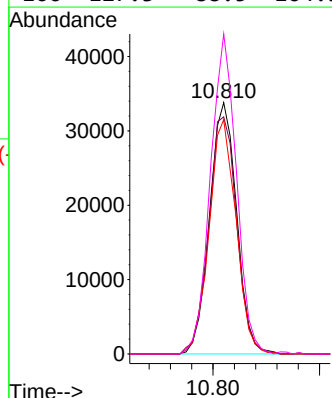
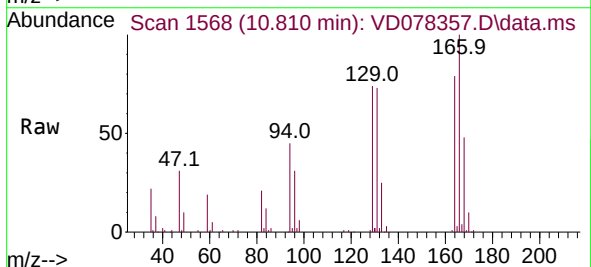
Ion	Ratio	Lower	Upper
97	100		
99	65.1	45.4	84.4
83	96.9	59.5	110.5
85	56.6	40.9	76.0

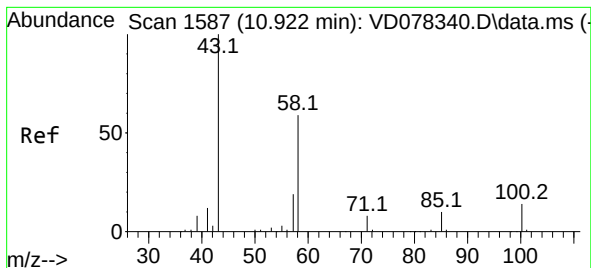


#46
Tetrachloroethene
Concen: 29.897 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion: 164 Resp: 59588

Ion	Ratio	Lower	Upper
164	100		
129	94.3	66.7	123.9
131	93.2	65.2	121.0
166	127.3	88.5	164.3





#48

2-Hexanone

Concen: 56.729 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

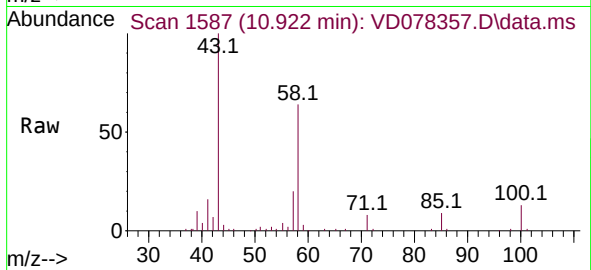
Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 87028

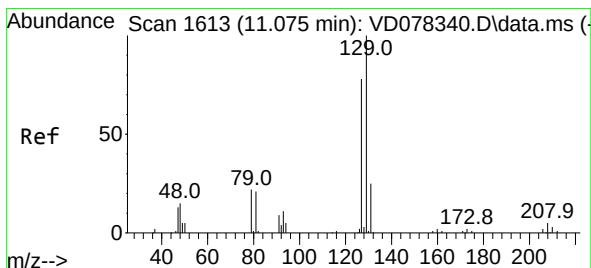
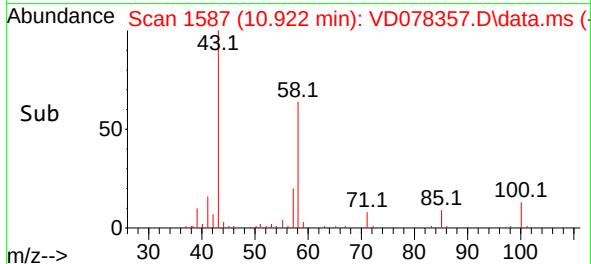
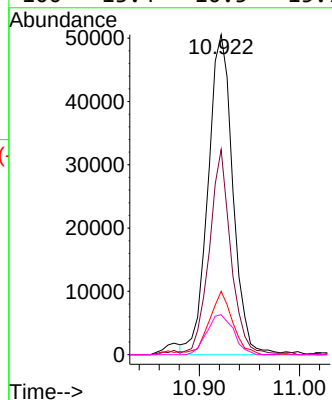
Ion	Ratio	Lower	Upper
43	100		
58	56.0	48.5	72.7
57	18.5	15.6	23.4
100	13.4	10.5	15.7

43 100

58 56.0 48.5 72.7

57 18.5 15.6 23.4

100 13.4 10.5 15.7



#49

Dibromochloromethane

Concen: 27.440 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078357.D

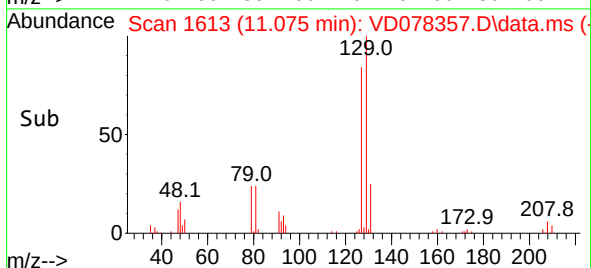
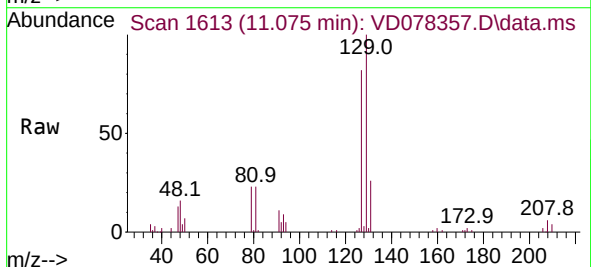
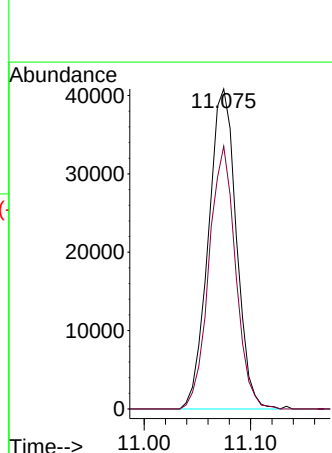
Acq: 07 Feb 2024 09:58

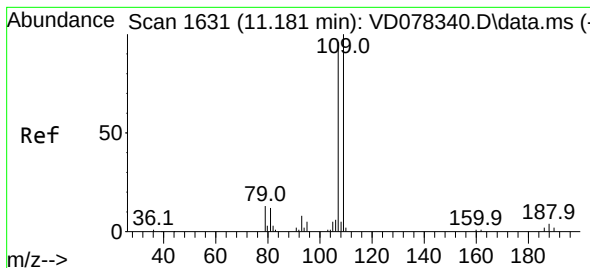
Tgt Ion:129 Resp: 74442

Ion	Ratio	Lower	Upper
129	100		
127	82.1	52.7	97.9

129 100

127 82.1 52.7 97.9





#50

1,2-Dibromoethane

Concen: 27.940 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

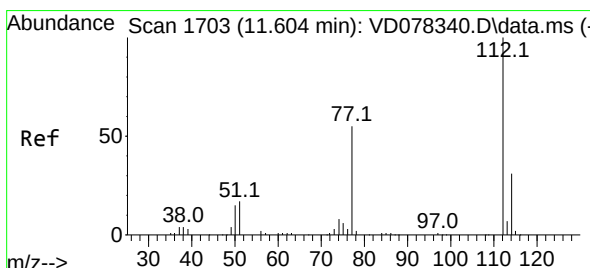
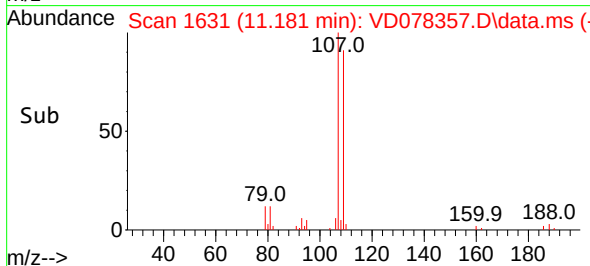
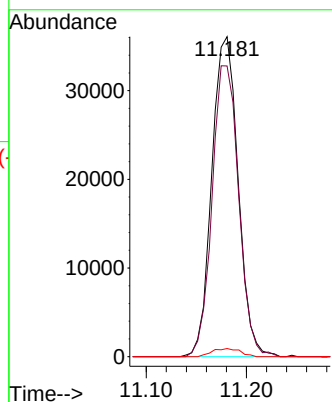
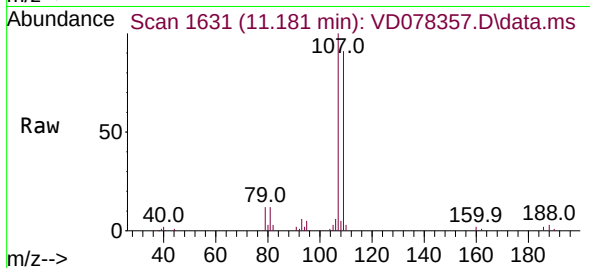
Tgt Ion:107 Resp: 65788

Ion Ratio Lower Upper

107 100

109 90.9 64.0 118.8

188 2.5 3.1 4.7#



#51

Chlorobenzene

Concen: 28.881 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

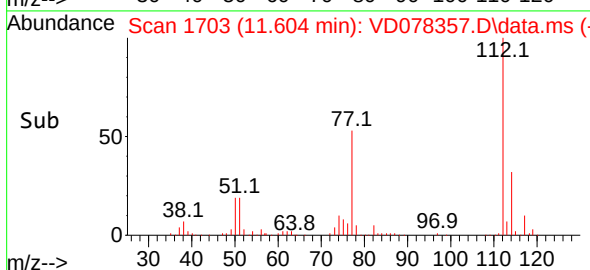
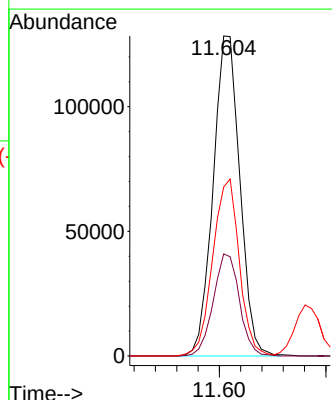
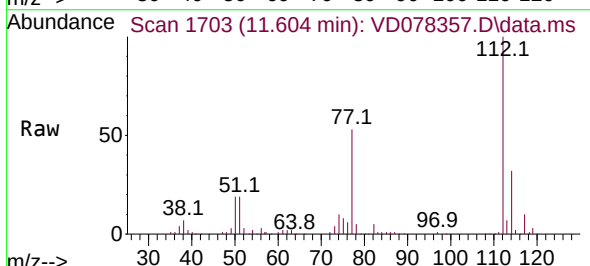
Tgt Ion:112 Resp: 223593

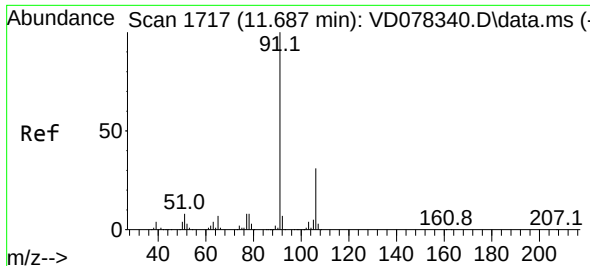
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.3

77 52.8 42.3 63.5

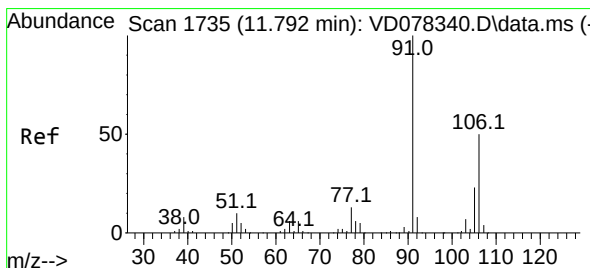
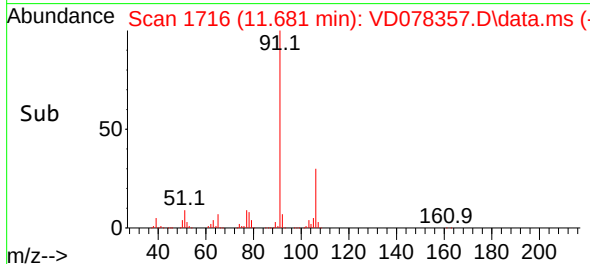
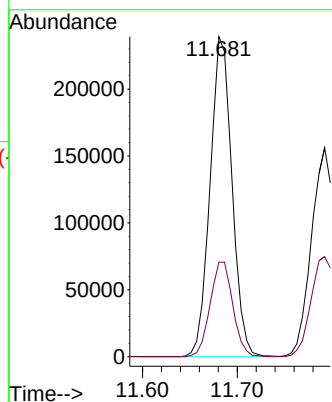
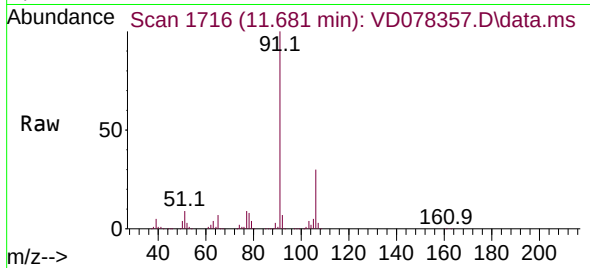




#52
Ethylbenzene
Concen: 29.900 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

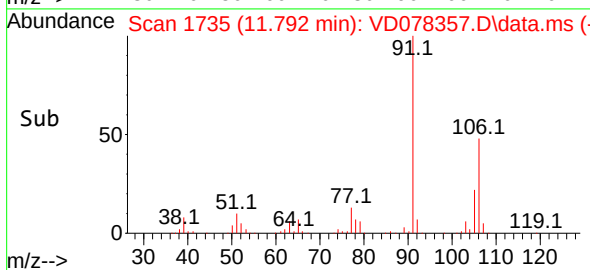
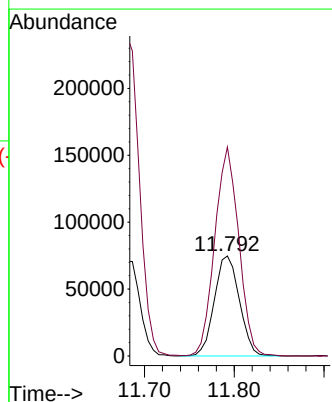
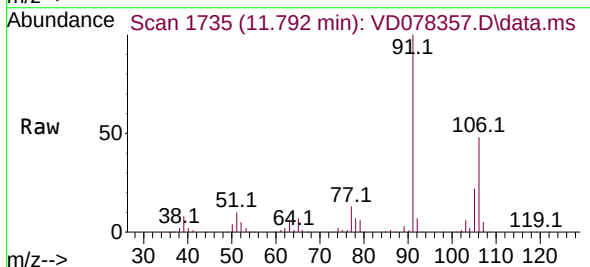
Instrument :
MSVOA_D
ClientSampleId :

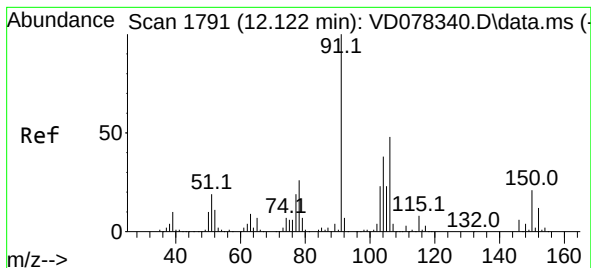
Tgt Ion: 91 Resp: 384048
Ion Ratio Lower Upper
91 100
106 29.6 22.5 41.7



#53
m,p-Xylene
Concen: 29.294 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion: 106 Resp: 144607
Ion Ratio Lower Upper
106 100
91 208.8 138.3 256.8





#54

o-Xylene

Concen: 29.699 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

Instrument :

MSVOA_D

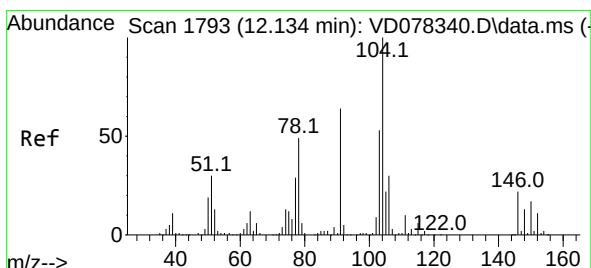
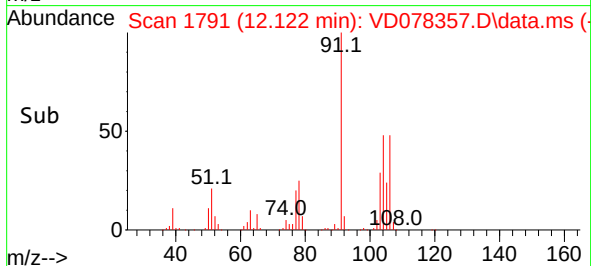
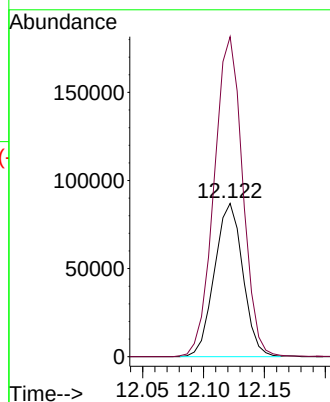
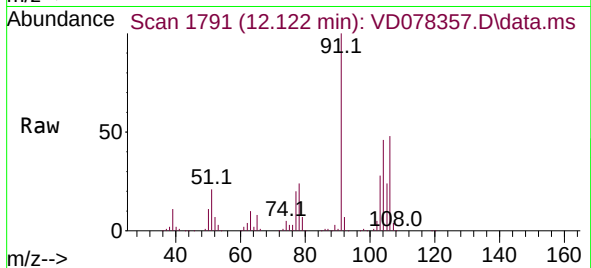
ClientSampleId :

Tgt Ion:106 Resp: 141372

Ion Ratio Lower Upper

106 100

91 208.7 148.0 274.8



#55

Styrene

Concen: 30.169 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD078357.D

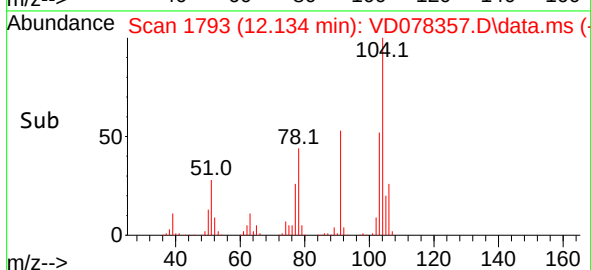
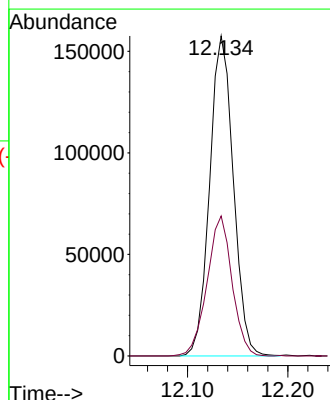
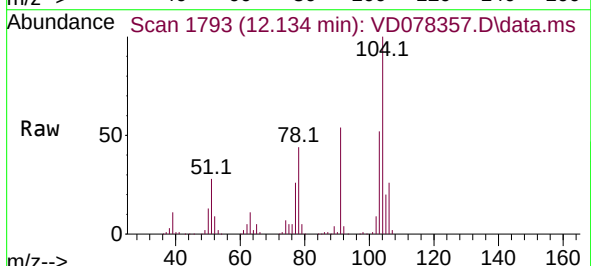
Acq: 07 Feb 2024 09:58

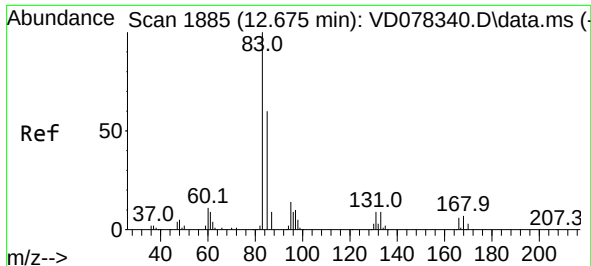
Tgt Ion:104 Resp: 259056

Ion Ratio Lower Upper

104 100

78 43.8 29.5 54.7

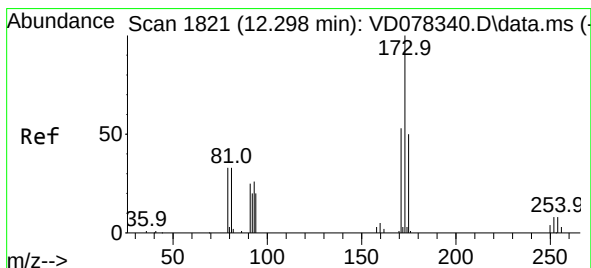
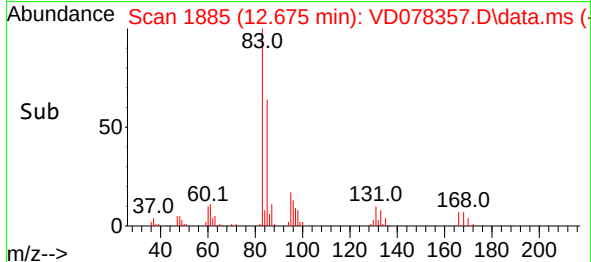
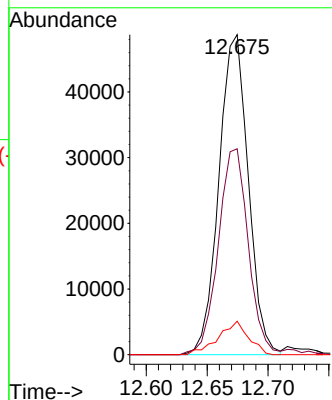
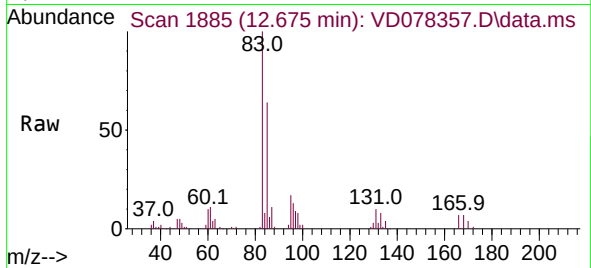




#57
1,1,2-Tetrachloroethane
Concen: 26.486 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

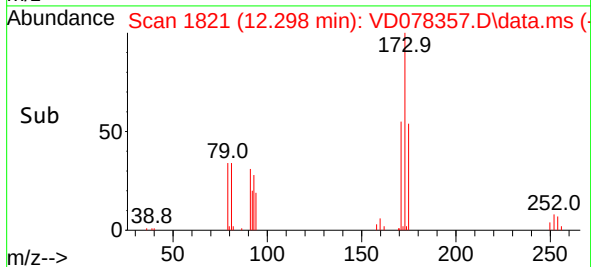
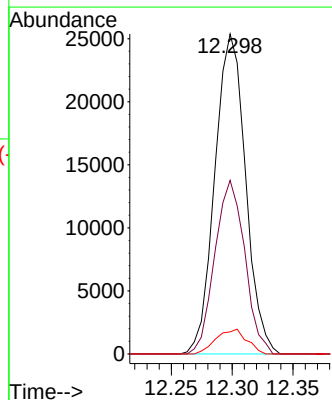
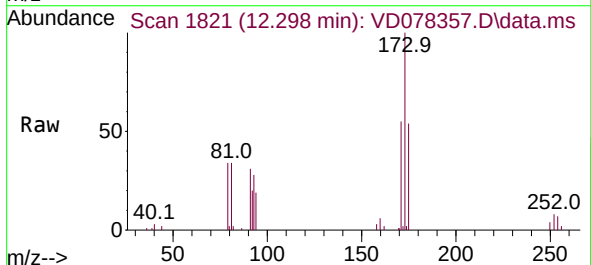
Instrument :
MSVOA_D
ClientSampleId :

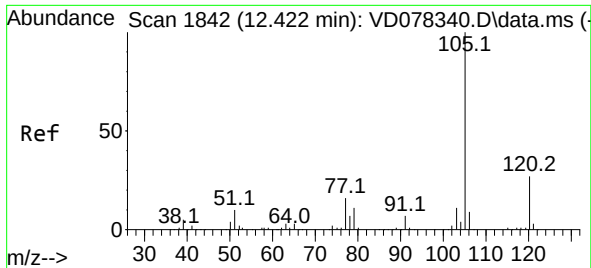
Tgt Ion: 83 Resp: 81915
Ion Ratio Lower Upper
83 100
85 64.3 42.6 79.0
131 10.5 6.0 9.0#



#59
Bromoform
Concen: 27.332 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion: 173 Resp: 44549
Ion Ratio Lower Upper
173 100
175 52.8 40.2 60.4
254 7.7 6.6 9.8

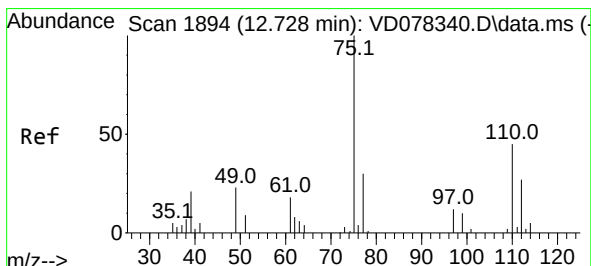
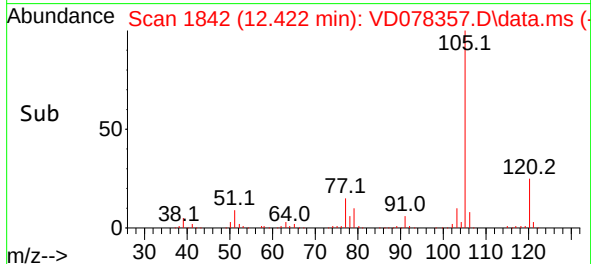
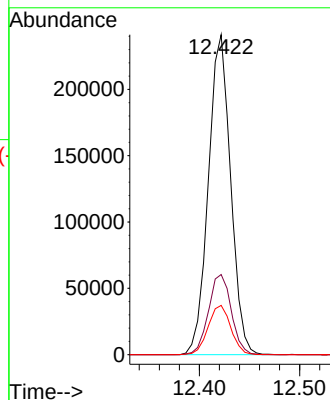
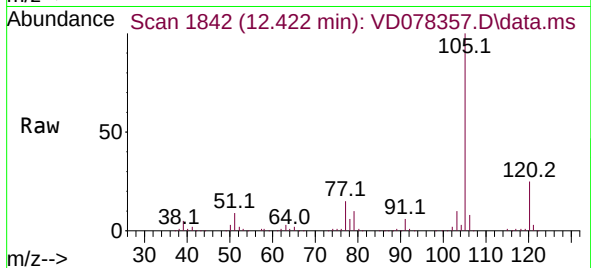




#60
Isopropylbenzene
Concen: 30.369 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

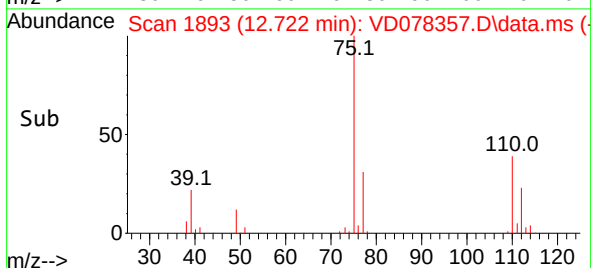
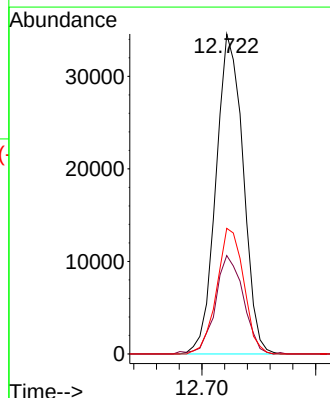
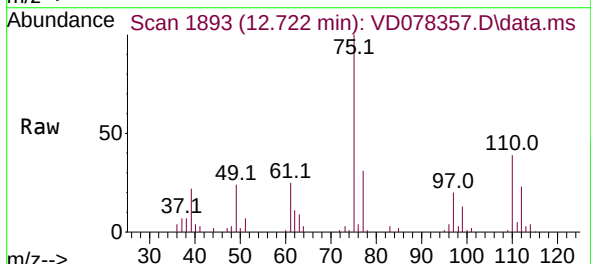
Instrument :
MSVOA_D
ClientSampleId :

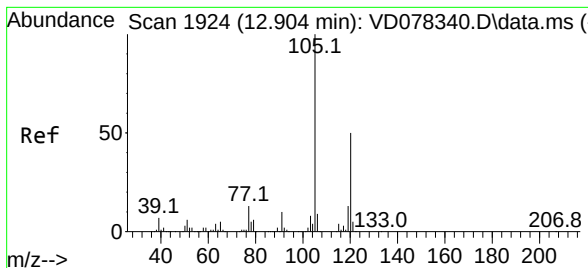
Tgt Ion:105 Resp: 372778
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6
77 15.7 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 27.717 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion: 75 Resp: 57433
Ion Ratio Lower Upper
75 100
77 31.5 26.5 39.7
110 38.9 31.8 47.8

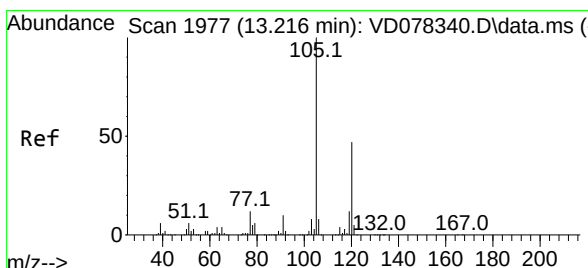
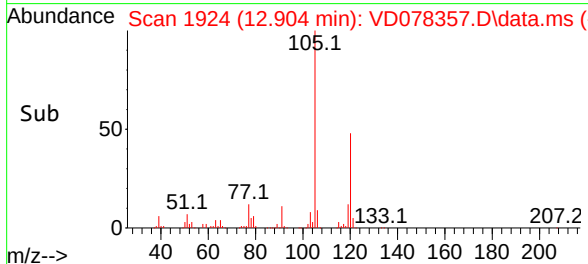
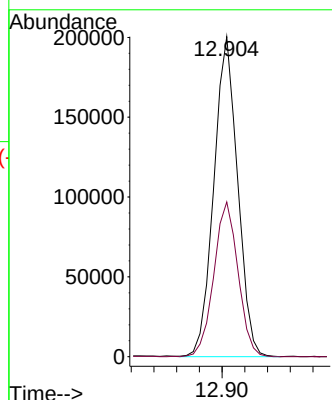
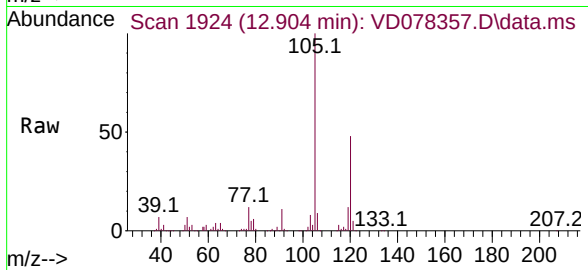




#62
 1,3,5-Trimethylbenzene
 Concen: 30.377 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD078357.D
 Acq: 07 Feb 2024 09:58

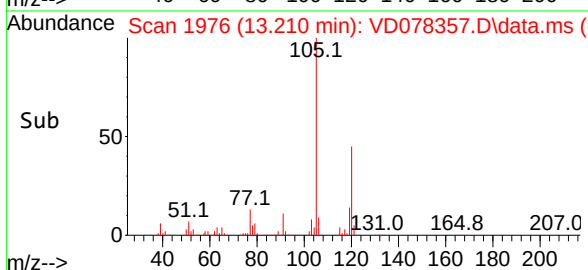
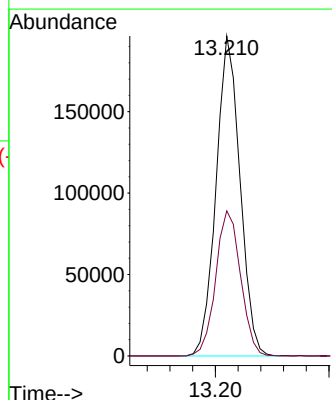
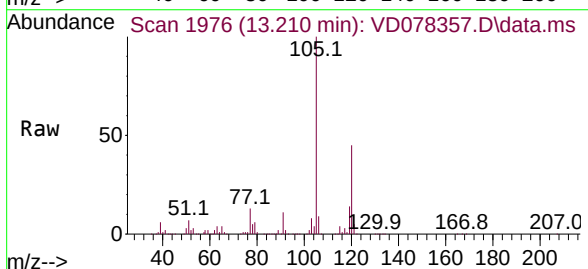
Instrument :
 MSVOA_D
 ClientSampleId :

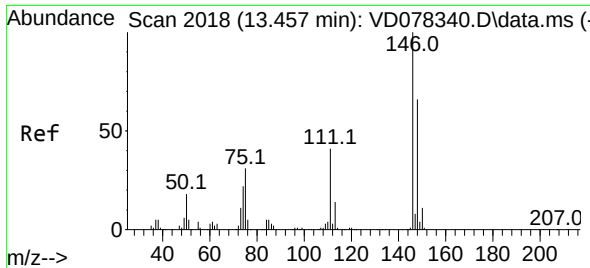
Tgt Ion:105 Resp: 291656
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 30.251 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VD078357.D
 Acq: 07 Feb 2024 09:58

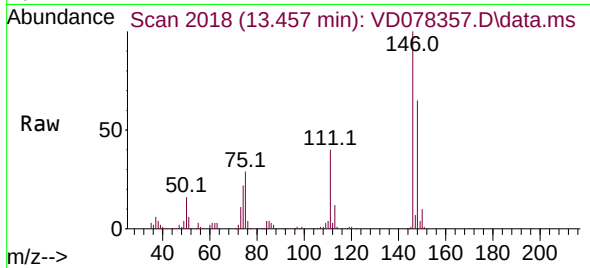
Tgt Ion:105 Resp: 287681
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.0 55.4



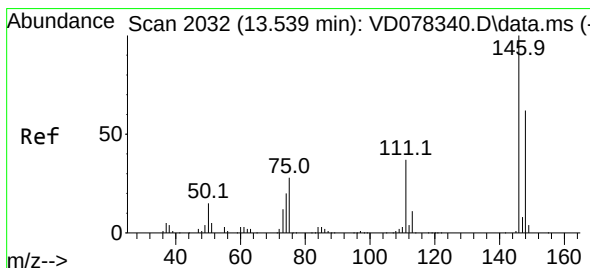
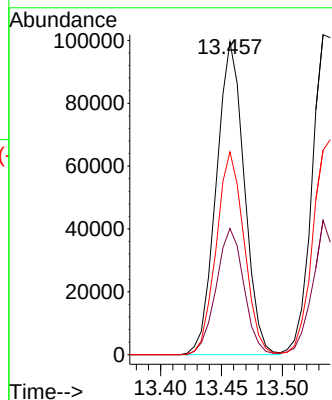
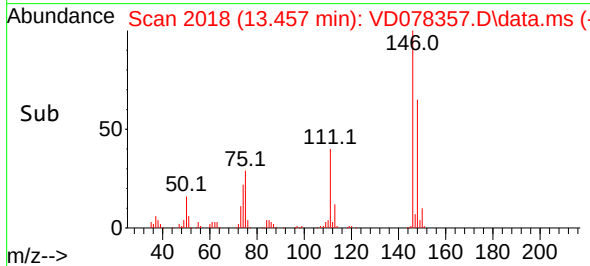


#64
1,3-Dichlorobenzene
Concen: 29.070 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :

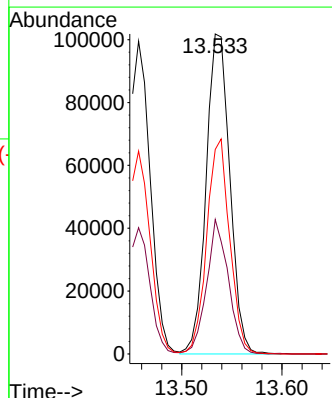
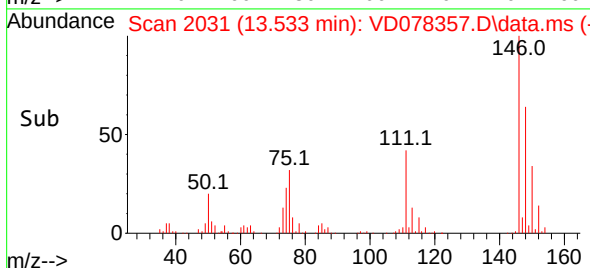
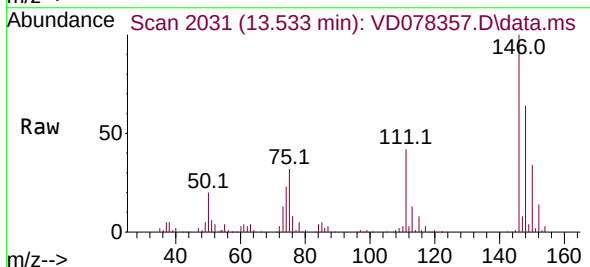


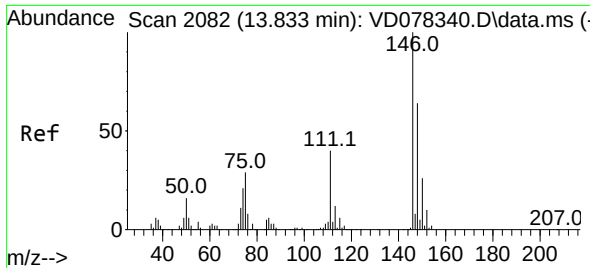
Tgt Ion:146 Resp: 159229
Ion Ratio Lower Upper
146 100
111 40.4 28.6 53.0
148 64.8 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 29.158 ug/L
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion:146 Resp: 167207
Ion Ratio Lower Upper
146 100
111 42.0 26.4 49.0
148 63.9 44.5 82.7

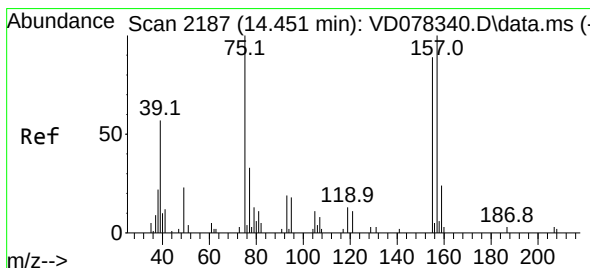
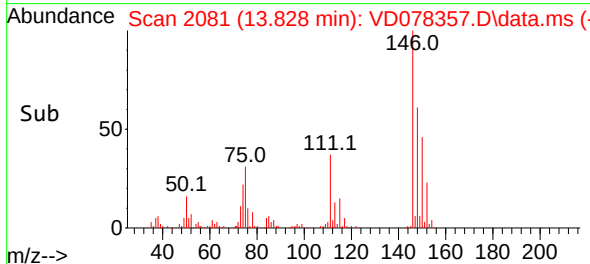
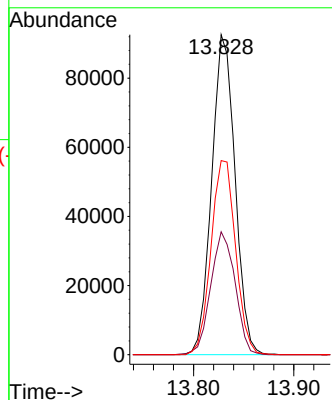
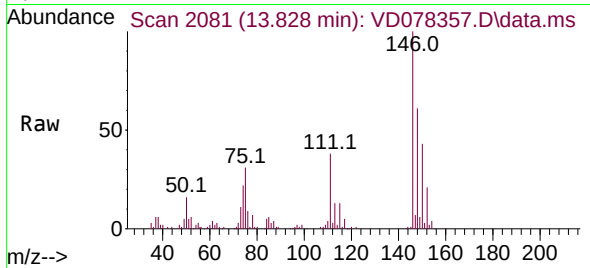




#67
1,2-Dichlorobenzene
Concen: 28.948 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

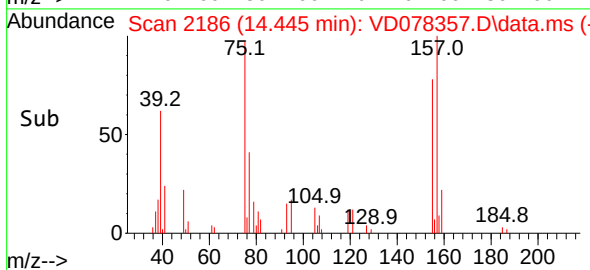
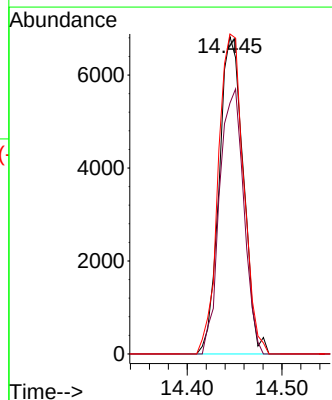
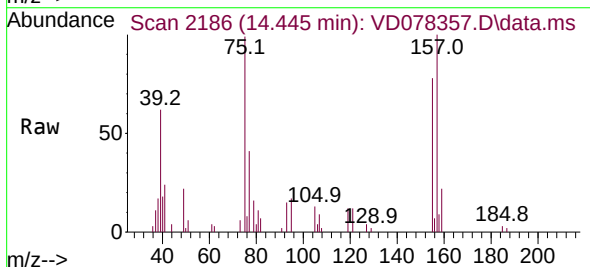
Instrument :
MSVOA_D
ClientSampleId :

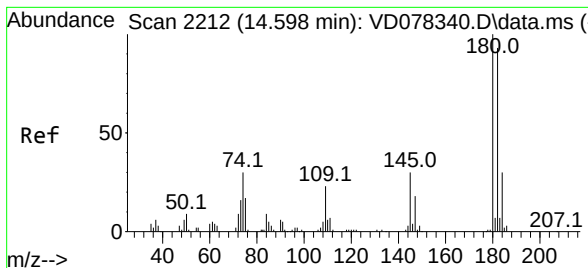
Tgt Ion:146 Resp: 149988
Ion Ratio Lower Upper
146 100
111 38.4 33.6 50.4
148 60.6 48.4 72.6



#68
1,2-Dibromo-3-chloropropane
Concen: 26.301 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion: 75 Resp: 12075
Ion Ratio Lower Upper
75 100
155 79.1 61.6 92.4
157 100.9 78.1 117.1





#69

1,3,5-Trichlorobenzene

Concen: 29.452 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 99391

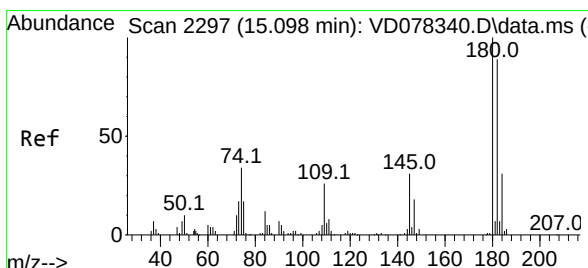
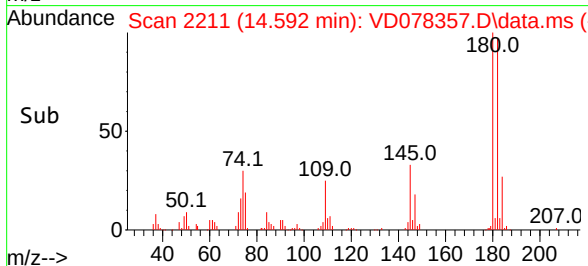
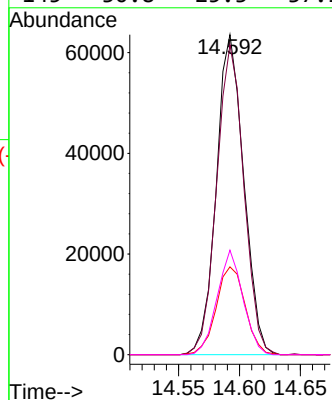
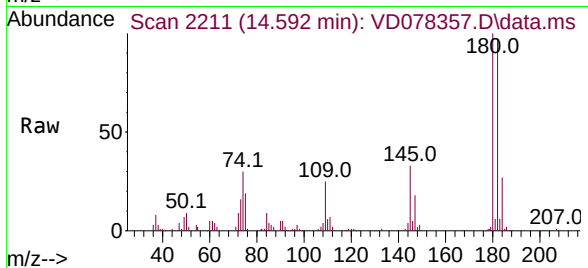
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

184 29.1 23.2 34.8

145 30.8 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 27.822 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078357.D

Acq: 07 Feb 2024 09:58

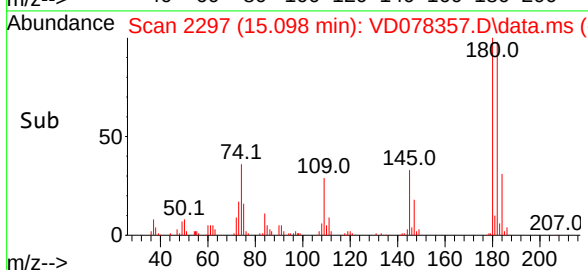
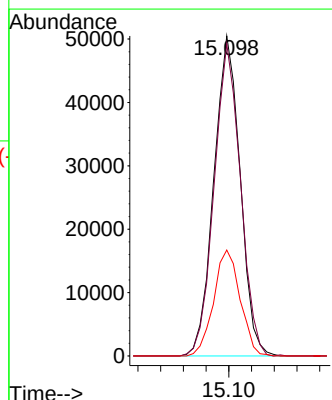
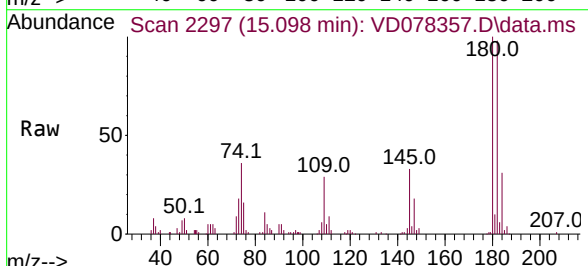
Tgt Ion:180 Resp: 81153

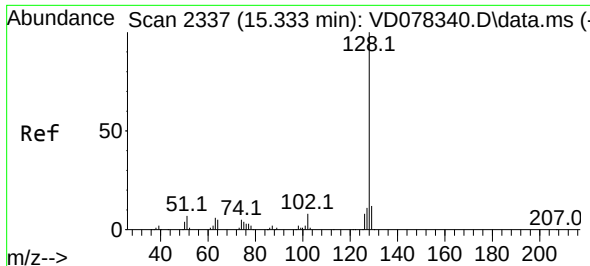
Ion Ratio Lower Upper

180 100

182 97.5 76.2 114.4

145 33.3 25.0 37.6

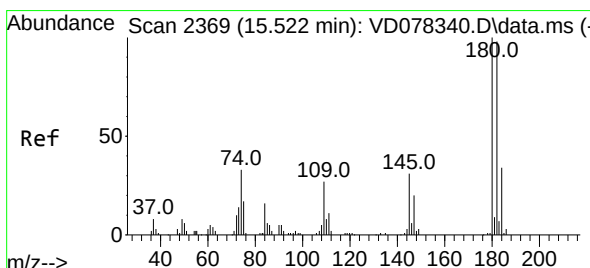
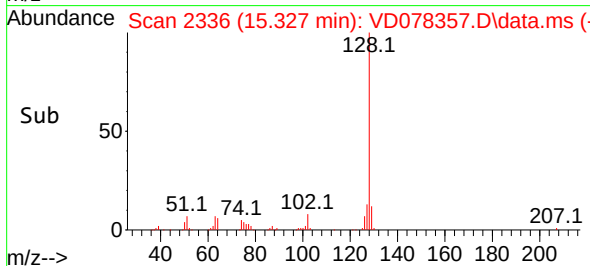
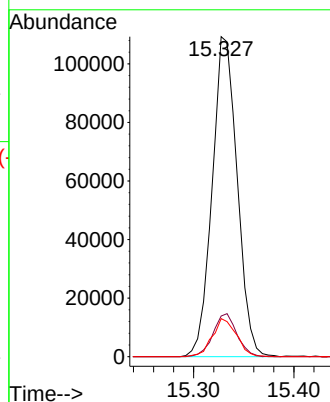
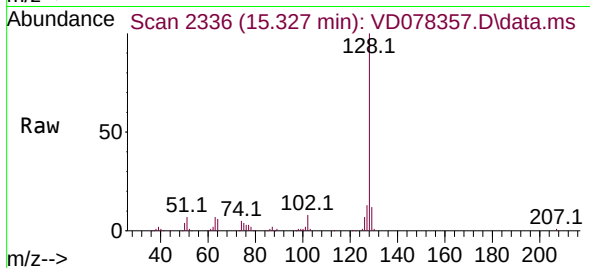




#71
Naphthalene
Concen: 27.767 ug/L
RT: 15.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp: 189614
Ion Ratio	Lower Upper
128 100	
127 12.8	11.0 16.4
129 11.5	8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 28.397 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078357.D
Acq: 07 Feb 2024 09:58

Tgt Ion:180	Resp: 77324
Ion Ratio	Lower Upper
180 100	
182 96.2	75.4 113.0
145 34.0	26.8 40.2

