

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073783.D
 Acq On : 05 Jul 2022 19:35
 Operator : VA/SY
 Sample : N3562-12
 Misc : 7.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12B

Quant Time: Jul 06 02:52:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 10:05:34 2022
 Response via : Initial Calibration

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

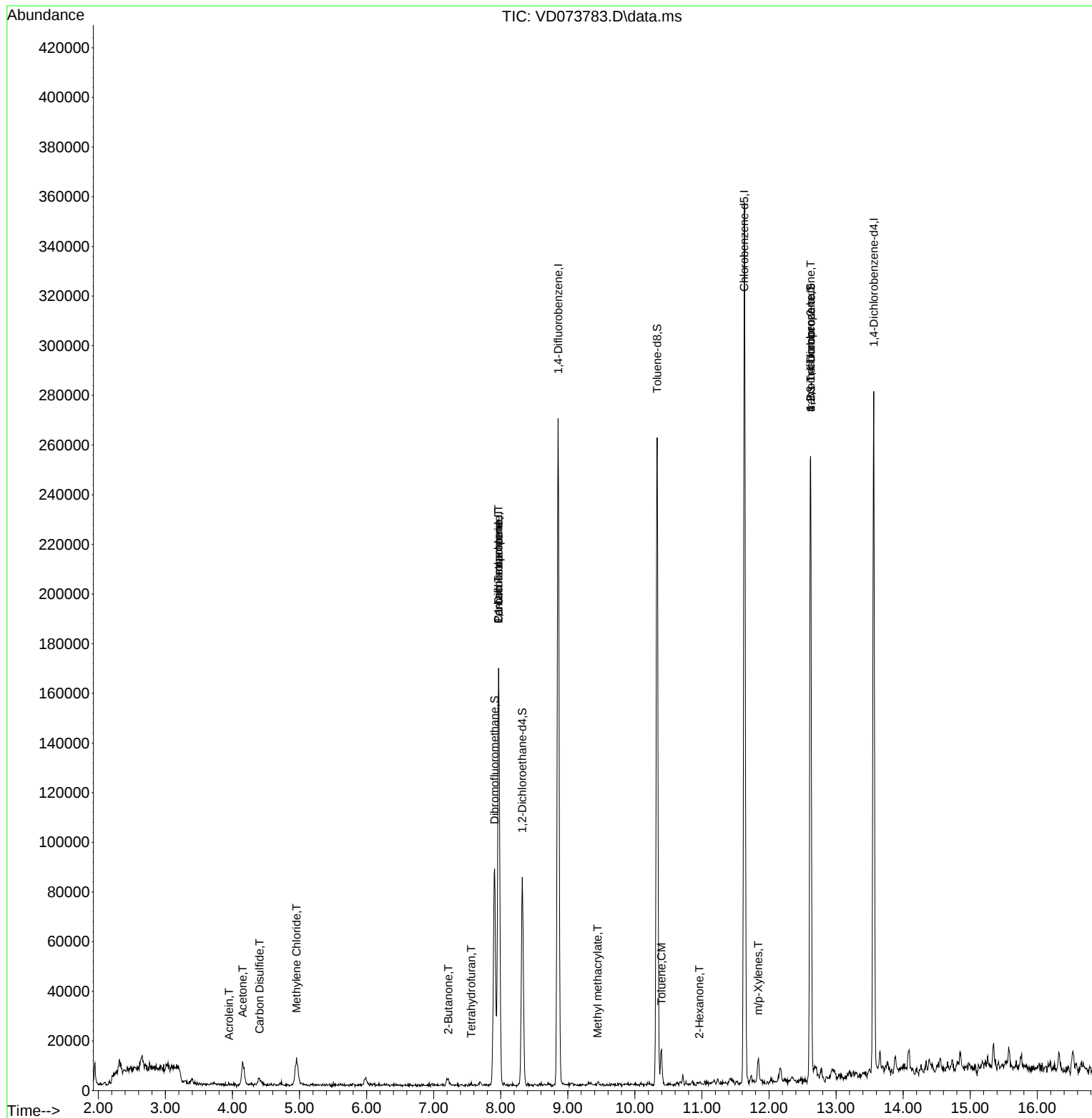
Internal Standards						
1) Pentafluorobenzene	7.967	168	107461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	216452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	189677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	66028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	63236	60.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.640%	
35) Dibromofluoromethane	7.909	113	61682	52.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.332	98	175657	40.725	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 81.440%#	
62) 4-Bromofluorobenzene	12.620	95	69410	40.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 81.600%#	
Target Compounds						Qvalue
5) Bromomethane	2.774	94	581	Below Cal	#	73
13) Acrolein	3.950	56	68	2.824	ug/l #	12
16) Acetone	4.150	43	17288	79.264	ug/l	96
17) Carbon Disulfide	4.403	76	6538	4.729	ug/l	96
18) Methyl Acetate	4.709	43	1114	Below Cal		91
20) Methylene Chloride	4.956	84	7538	1.874	ug/l	89
25) 2-Butanone	7.220	43	4604	12.854	ug/l	97
29) Tetrahydrofuran	7.561	42	354	1.564	ug/l #	31
31) Cyclohexane	7.967	56	3502	Below Cal	#	41
36) 1,1-Dichloropropene	7.967	75	10955	6.710	ug/l #	48
38) Carbon Tetrachloride	7.967	117	13397	7.643	ug/l #	16
48) Methyl methacrylate	9.444	41	935	1.136	ug/l #	76
52) Toluene	10.397	92	5906	1.836	ug/l	94
59) 2-Hexanone	10.961	43	1081	1.698	ug/l #	36
68) m/p-Xylenes	11.838	106	3125	1.278	ug/l	87
76) 1,2,3-Trichloropropane	12.620	75	38206	60.548	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	38206	116.804	ug/l #	11

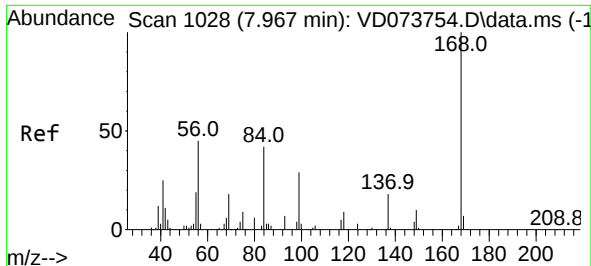
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-12B

Quant Time: Jul 06 02:52:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 05 10:05:34 2022
Response via : Initial Calibration

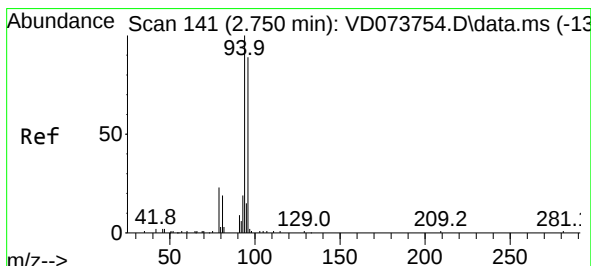
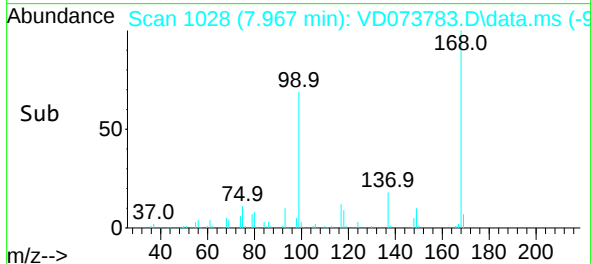
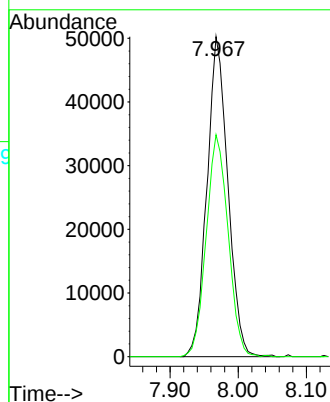
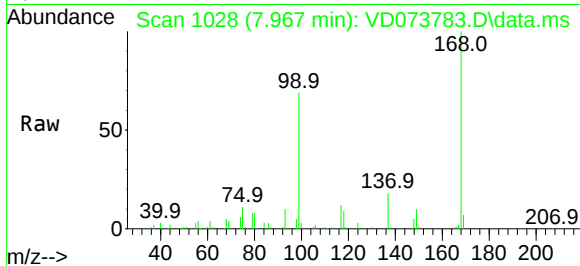




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

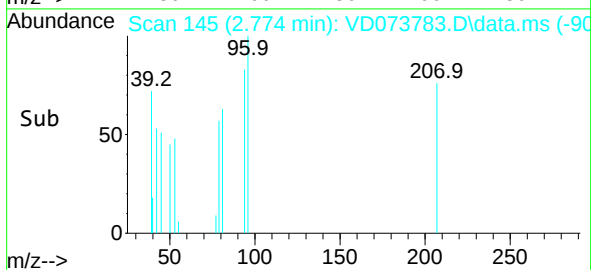
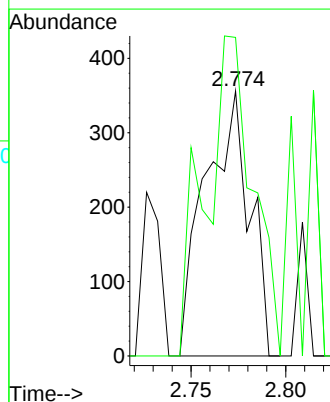
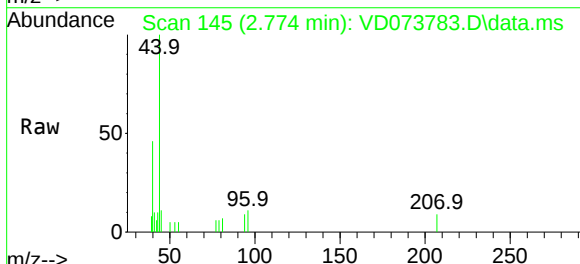
Instrument :
MSVOA_D
ClientSampleId :
SB-12B

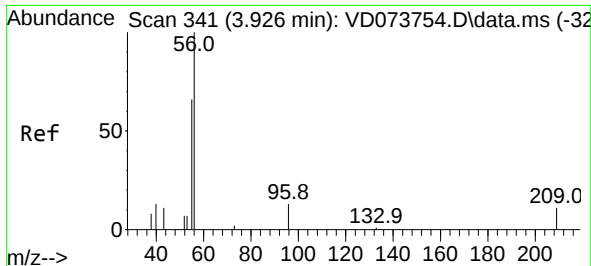
Tgt Ion:168 Resp: 107461
Ion Ratio Lower Upper
168 100
99 69.4 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.024 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 94 Resp: 581
Ion Ratio Lower Upper
94 100
96 120.2 75.1 112.7#

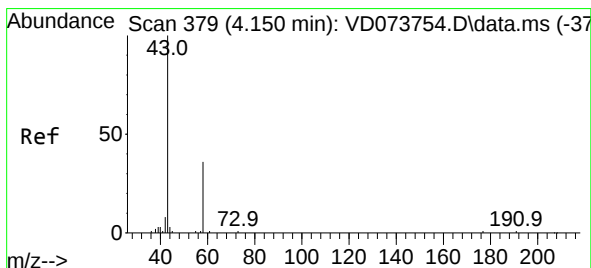
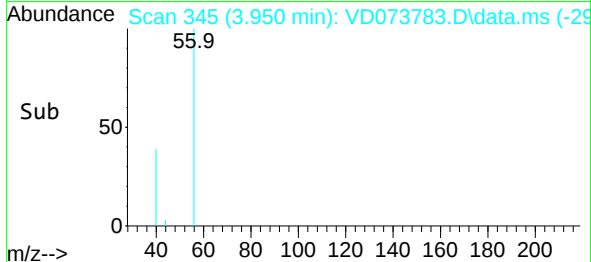
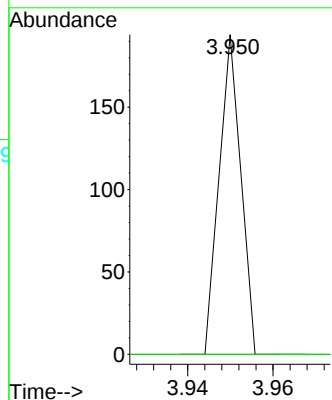
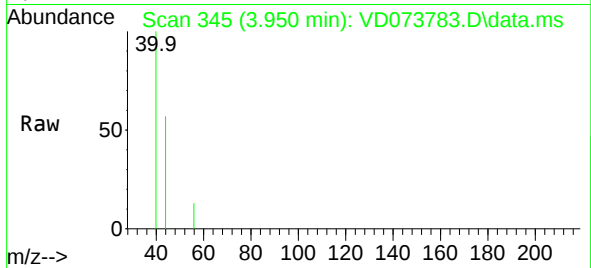




#13
Acrolein
Concen: 2.824 ug/l
RT: 3.950 min Scan# 341
Delta R.T. 0.024 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

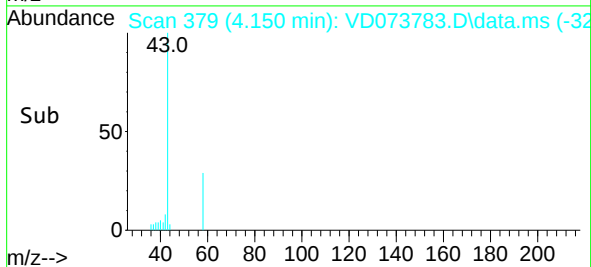
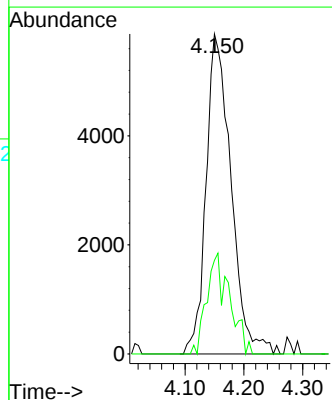
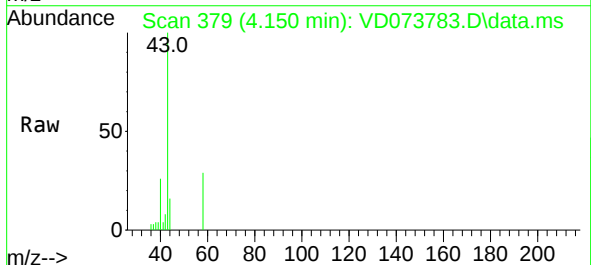
Instrument :
MSVOA_D
ClientSampleId :
SB-12B

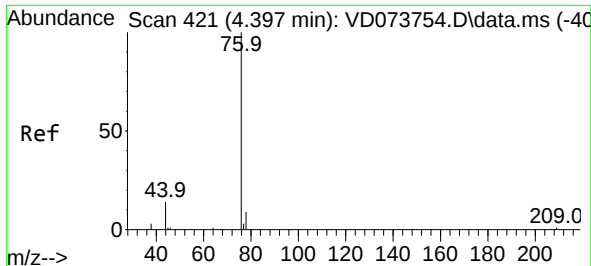
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 0.0 60.3 90.5#



#16
Acetone
Concen: 79.264 ug/l
RT: 4.150 min Scan# 379
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 43 Resp: 17288
Ion Ratio Lower Upper
43 100
58 29.2 25.2 37.8

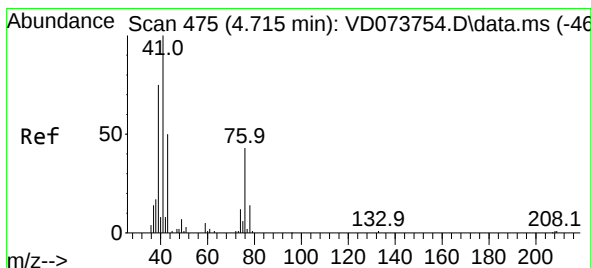
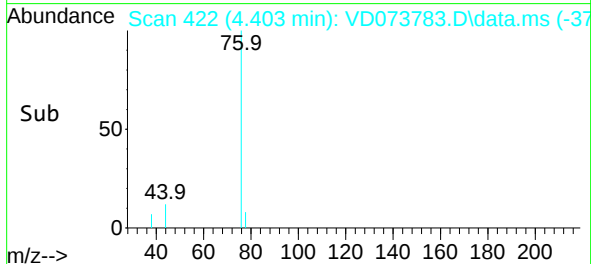
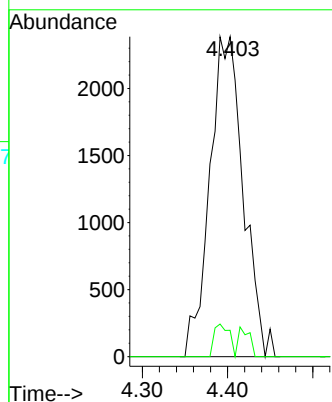
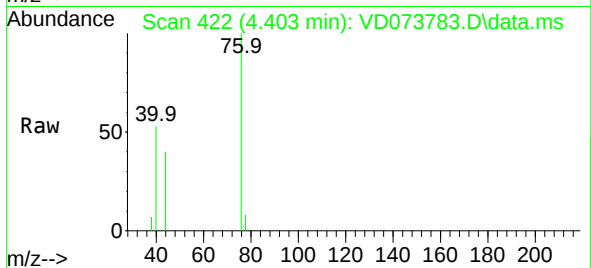




#17
Carbon Disulfide
Concen: 4.729 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

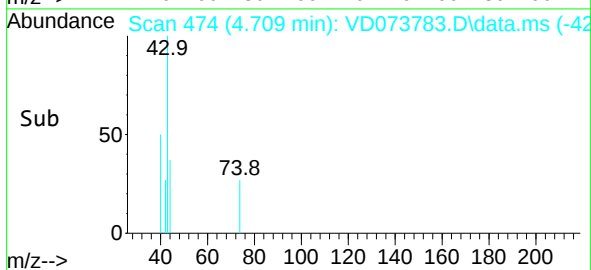
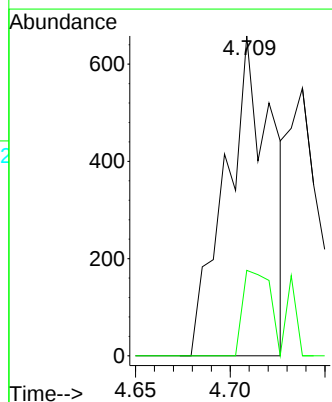
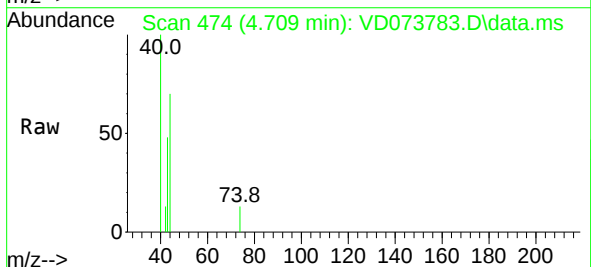
Instrument :
MSVOA_D
ClientSampleId :
SB-12B

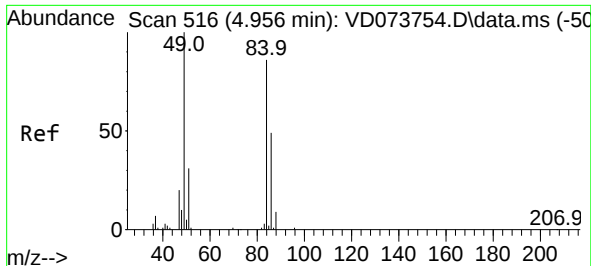
Tgt Ion: 76 Resp: 6538
Ion Ratio Lower Upper
76 100
78 8.3 7.7 11.5



#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

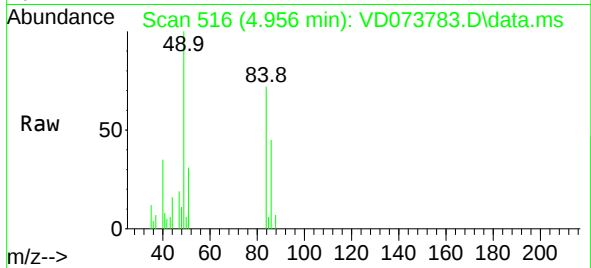
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
74 21.0 20.2 30.4





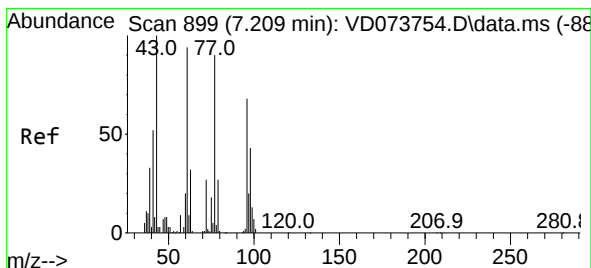
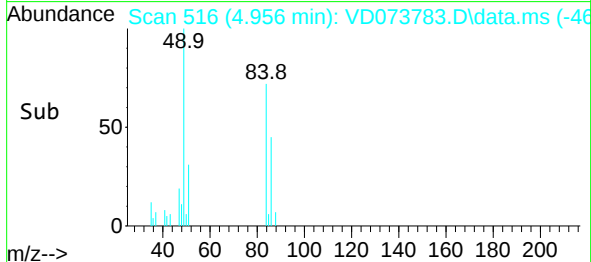
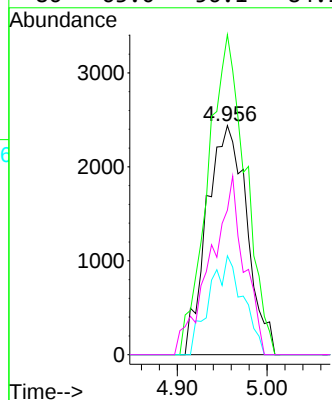
#20
Methylene Chloride
Concen: 1.874 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-12B



Tgt Ion: 84 Resp: 7538

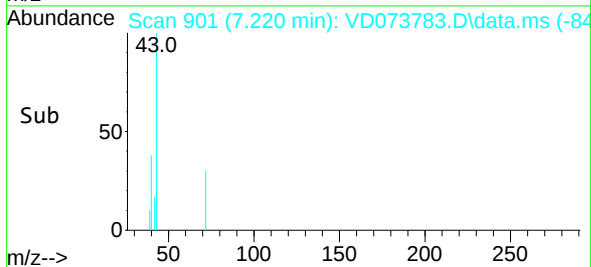
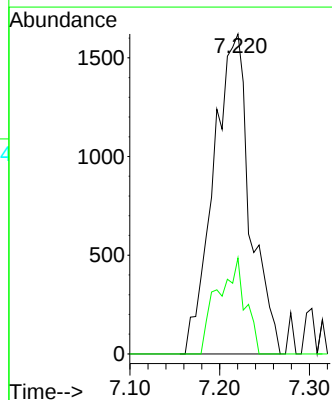
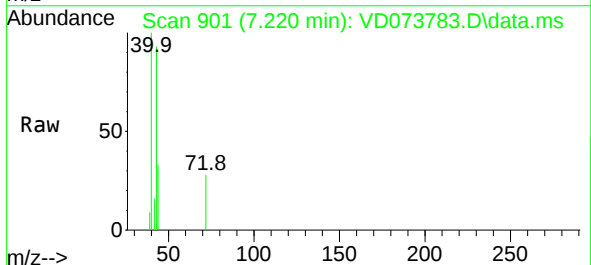
Ion	Ratio	Lower	Upper
84	100		
49	139.6	100.6	150.8
51	43.2	29.8	44.6
86	63.0	56.1	84.1

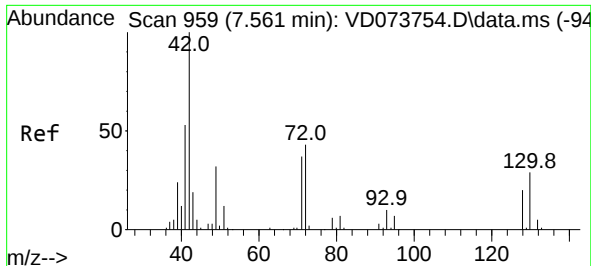


#25
2-Butanone
Concen: 12.854 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 43 Resp: 4604

Ion	Ratio	Lower	Upper
43	100		
72	30.0	22.6	33.8

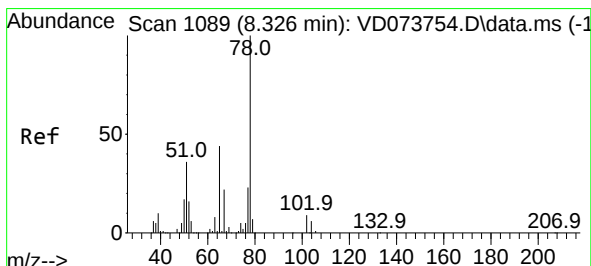
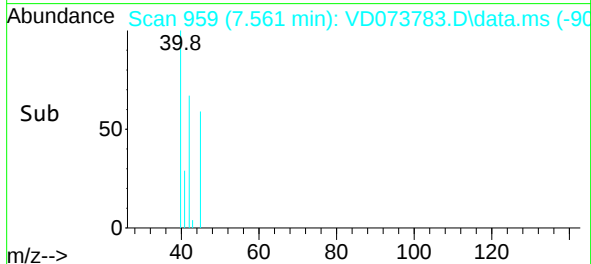
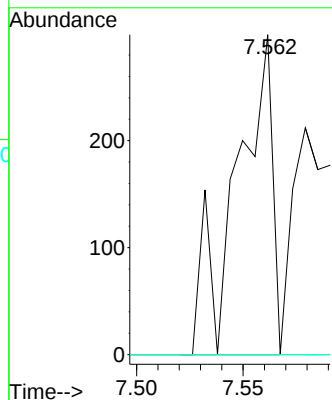
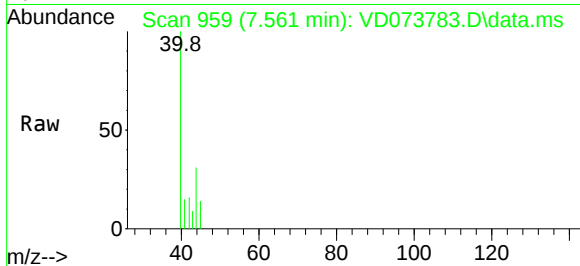




#29
Tetrahydrofuran
Concen: 1.564 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

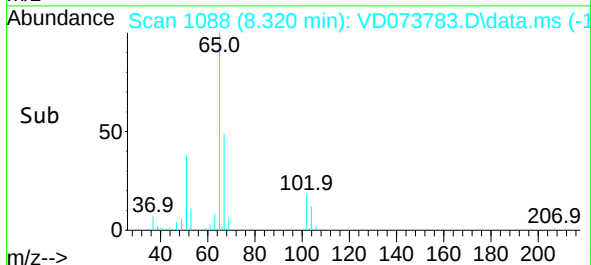
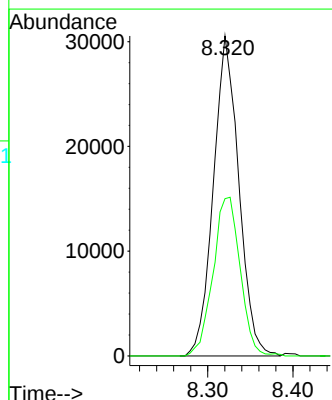
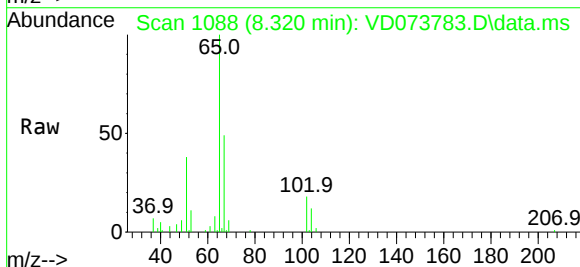
Instrument :
MSVOA_D
ClientSampleId :
SB-12B

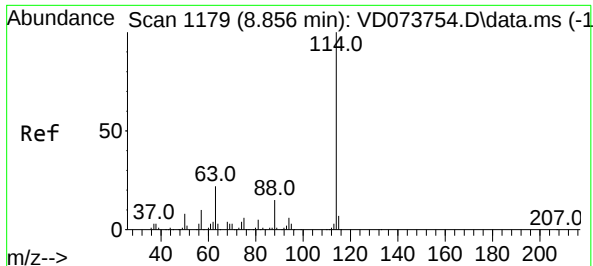
Tgt Ion: 42 Resp: 354
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.6#
71 0.0 35.5 53.3#



#33
1,2-Dichloroethane-d4
Concen: 60.321 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 65 Resp: 63236
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.2

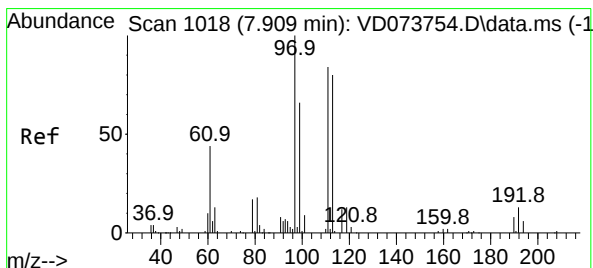
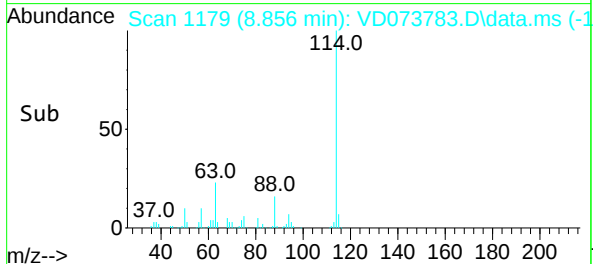
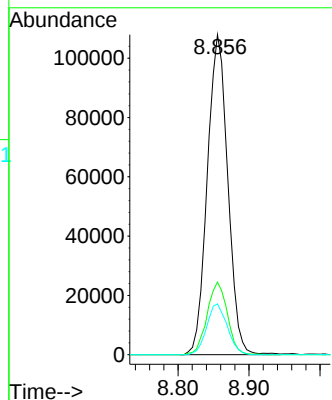
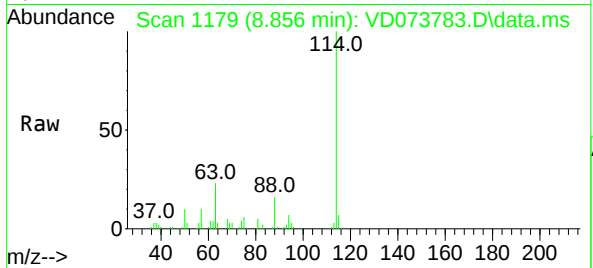




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

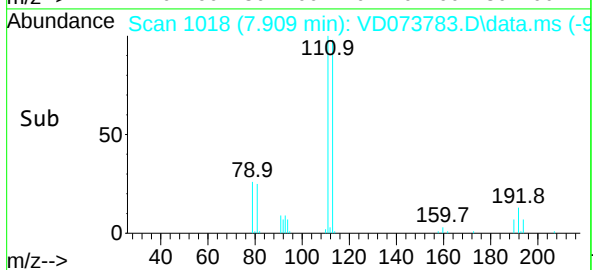
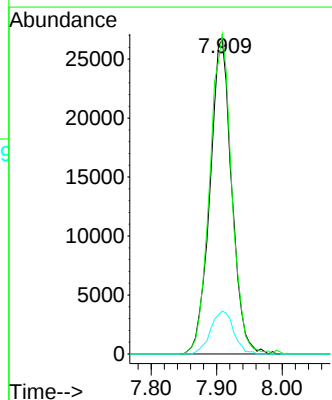
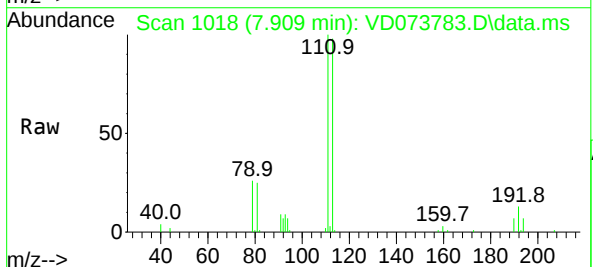
Instrument :
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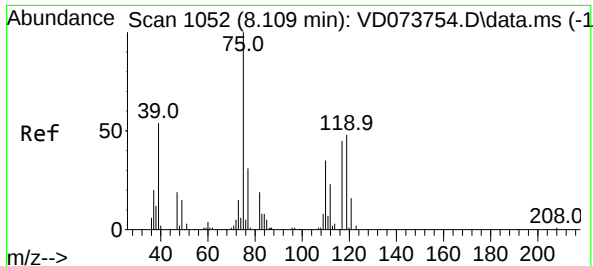
Tgt Ion:114 Resp: 216452
Ion Ratio Lower Upper
114 100
63 22.7 0.0 39.2
88 15.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.457 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion:113 Resp: 61682
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 14.3 14.8 22.2#





#36

1,1-Dichloropropene

Concen: 6.710 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073783.D

Acq: 05 Jul 2022 19:35

Instrument :

MSVOA_D

ClientSampleId :

SB-12B

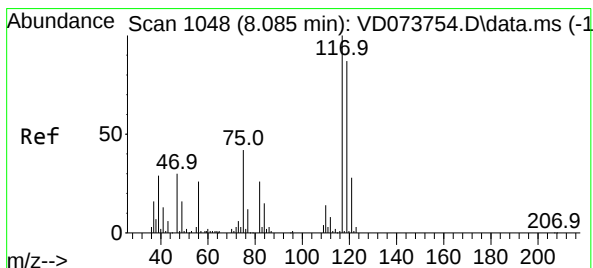
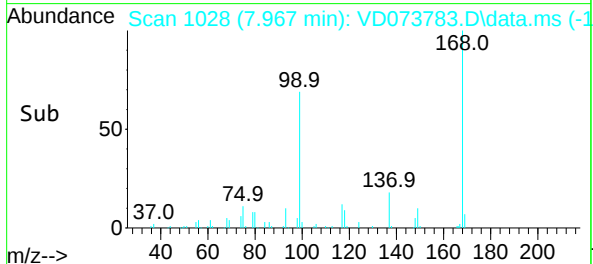
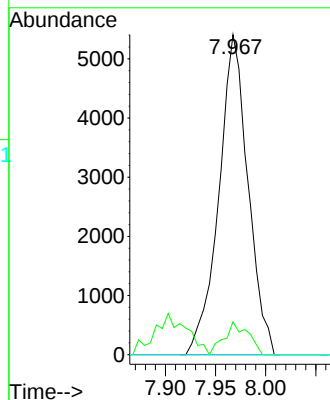
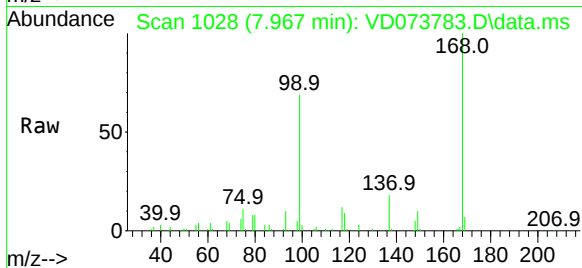
Tgt Ion: 75 Resp: 10955

Ion Ratio Lower Upper

75 100

110 8.4 18.0 54.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 7.643 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.118 min

Lab File: VD073783.D

Acq: 05 Jul 2022 19:35

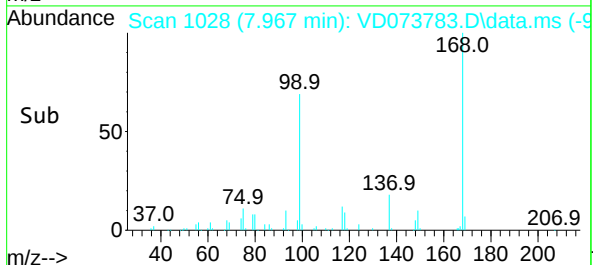
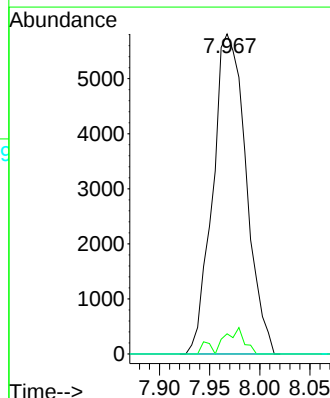
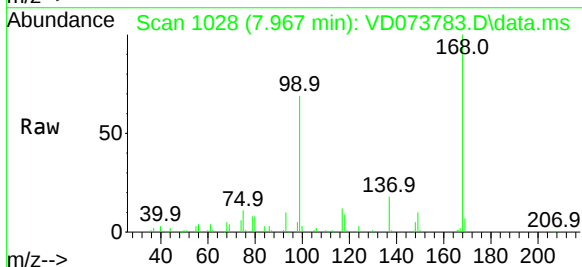
Tgt Ion: 117 Resp: 13397

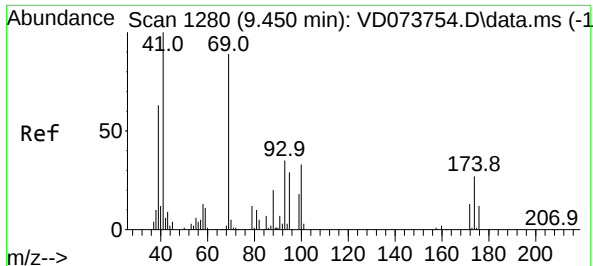
Ion Ratio Lower Upper

117 100

119 6.3 79.2 118.8#

121 0.0 23.8 35.8#





#48

Methyl methacrylate

Concen: 1.136 ug/l

RT: 9.444 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073783.D

Acq: 05 Jul 2022 19:35

Instrument :

MSVOA_D

ClientSampleId :

SB-12B

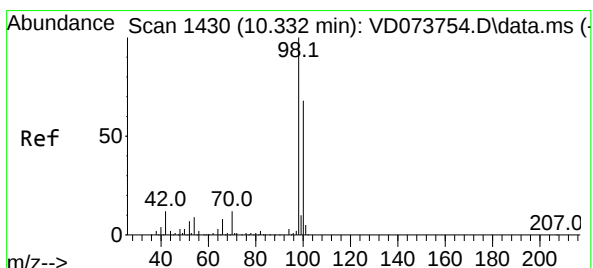
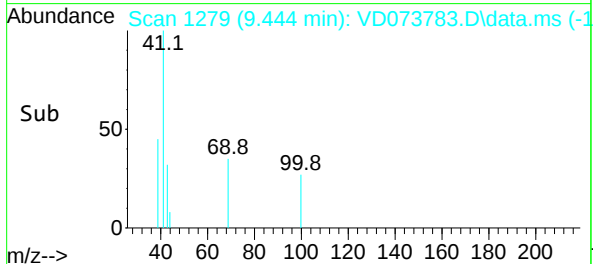
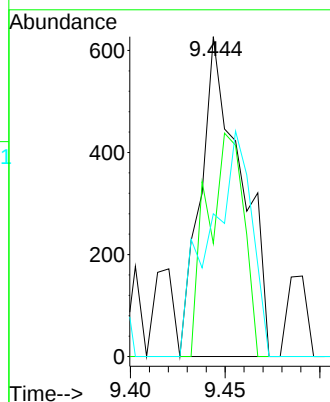
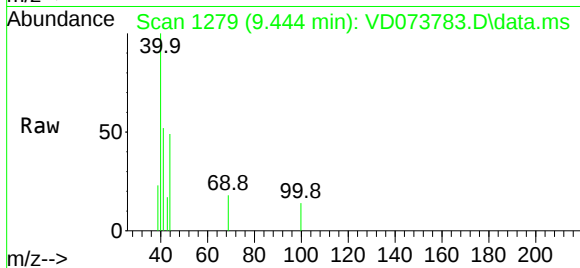
Tgt Ion: 41 Resp: 935

Ion Ratio Lower Upper

41 100

69 62.6 69.6 104.4#

39 72.6 45.5 68.3#



#50

Toluene-d8

Concen: 40.725 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073783.D

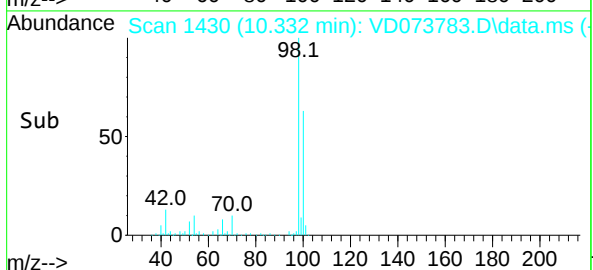
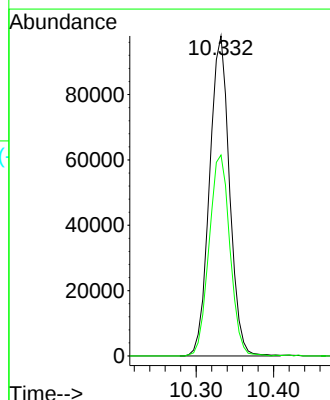
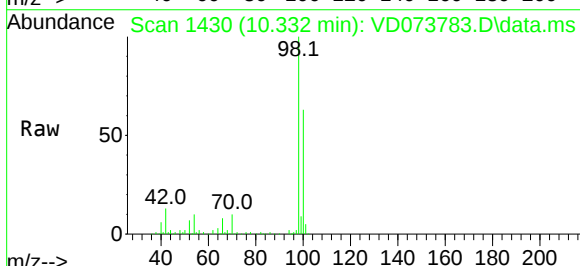
Acq: 05 Jul 2022 19:35

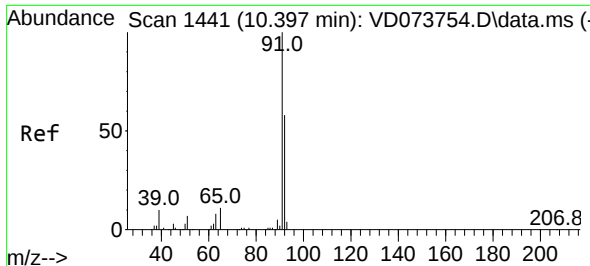
Tgt Ion: 98 Resp: 175657

Ion Ratio Lower Upper

98 100

100 65.5 54.0 81.0

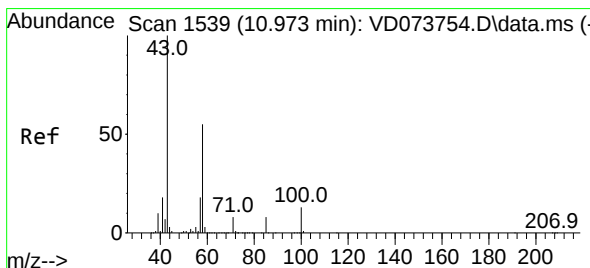
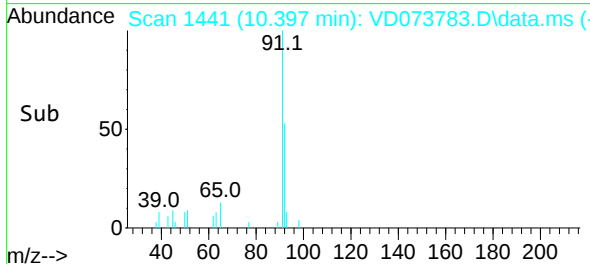
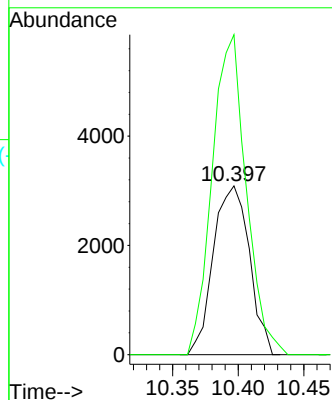
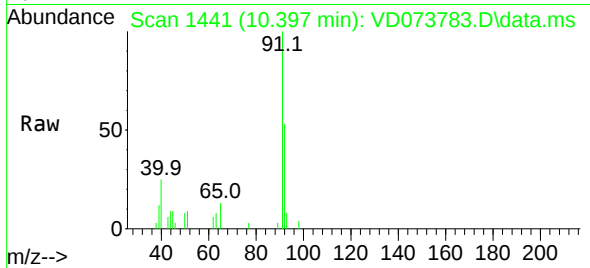




#52
Toluene
Concen: 1.836 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

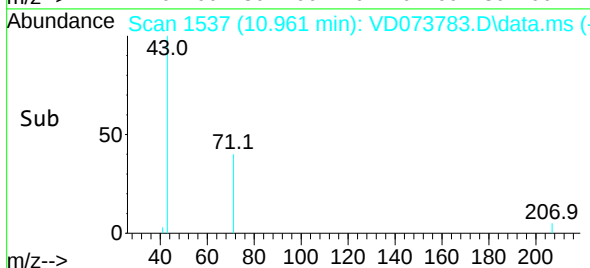
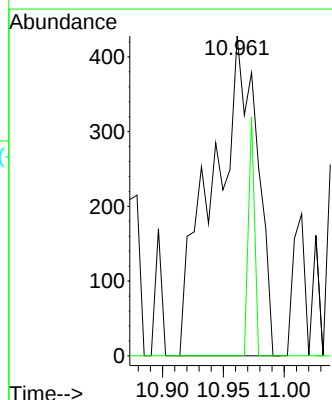
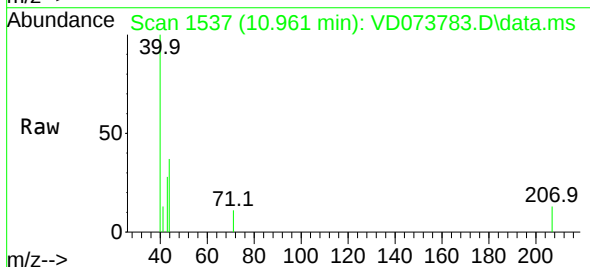
Instrument :
MSVOA_D
ClientSampleId :
SB-12B

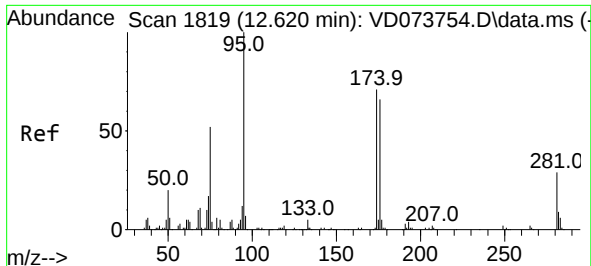
Tgt Ion: 92 Resp: 5906
Ion Ratio Lower Upper
92 100
91 178.9 136.1 204.1



#59
2-Hexanone
Concen: 1.698 ug/l
RT: 10.961 min Scan# 1537
Delta R.T. -0.012 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
58 10.5 28.8 86.4#

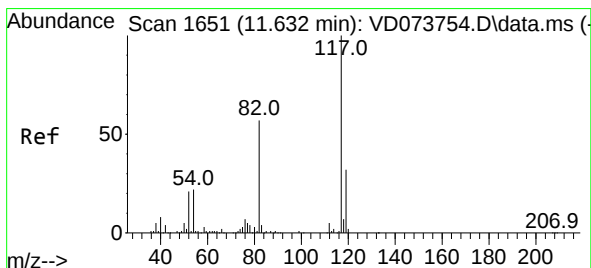
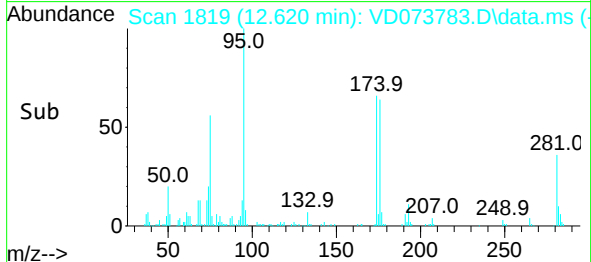
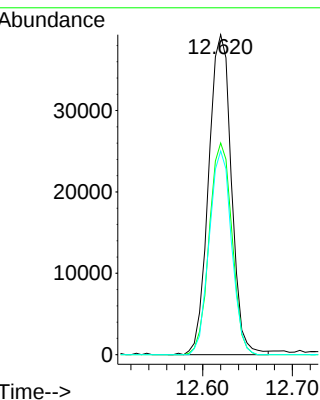
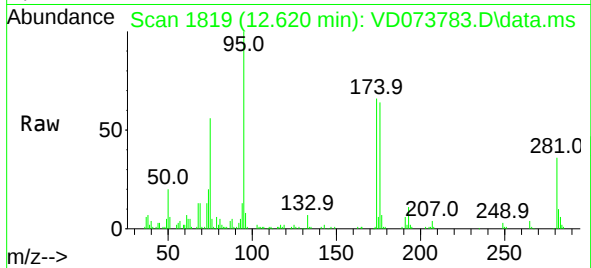




#62
4-Bromofluorobenzene
Concen: 40.800 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

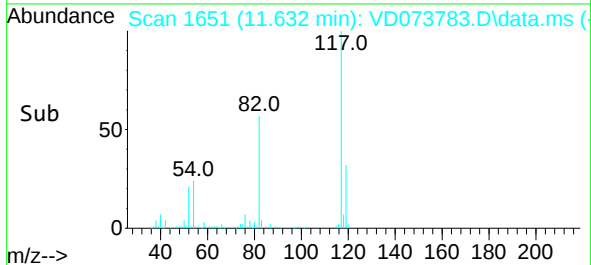
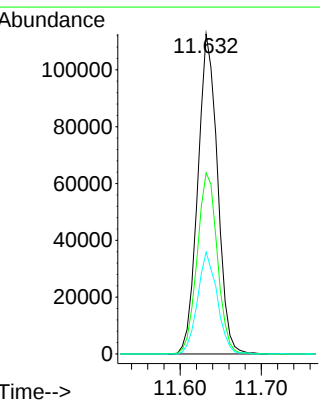
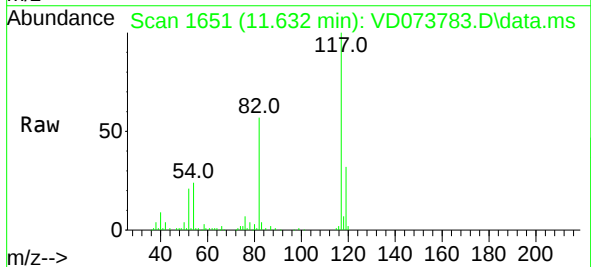
Instrument :
MSVOA_D
ClientSampleId :
SB-12B

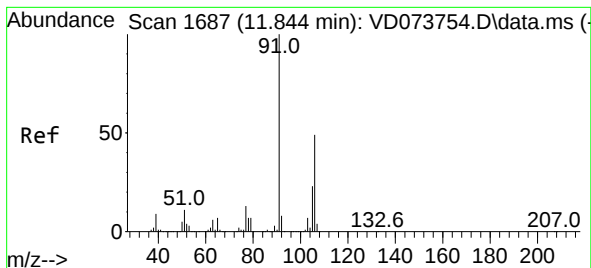
Tgt Ion: 95 Resp: 69410
Ion Ratio Lower Upper
95 100
174 65.5 0.0 158.4
176 62.2 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 117 Resp: 189677
Ion Ratio Lower Upper
117 100
82 56.6 41.5 62.3
119 31.8 27.1 40.7





#68

m/p-Xylenes

Concen: 1.278 ug/l

RT: 11.838 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073783.D

Acq: 05 Jul 2022 19:35

Instrument :

MSVOA_D

ClientSampleId :

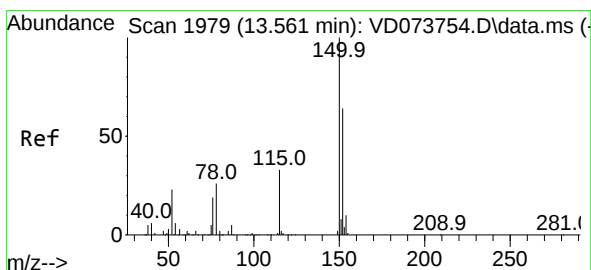
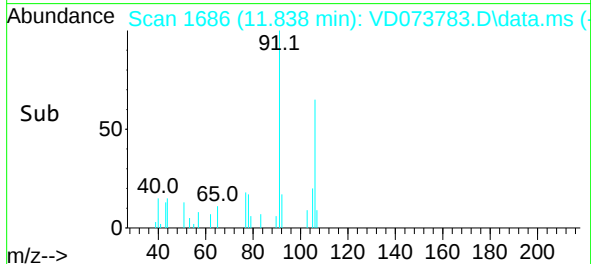
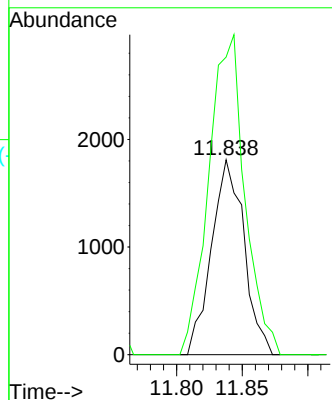
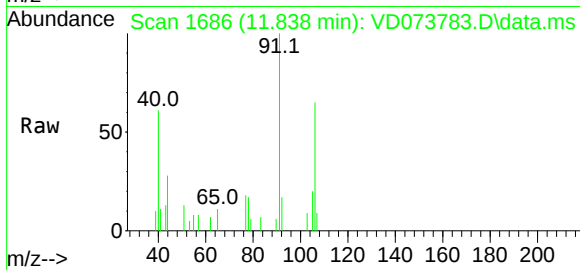
SB-12B

Tgt Ion:106 Resp: 3125

Ion Ratio Lower Upper

106 100

91 182.0 161.4 242.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073783.D

Acq: 05 Jul 2022 19:35

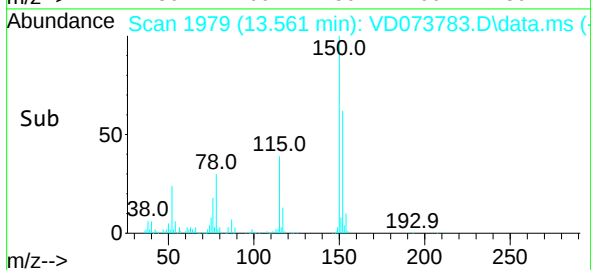
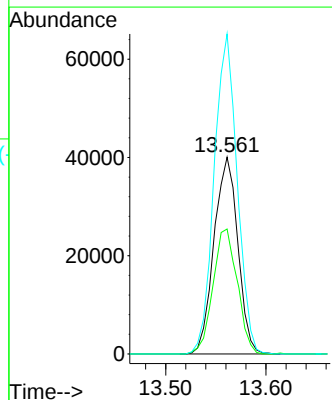
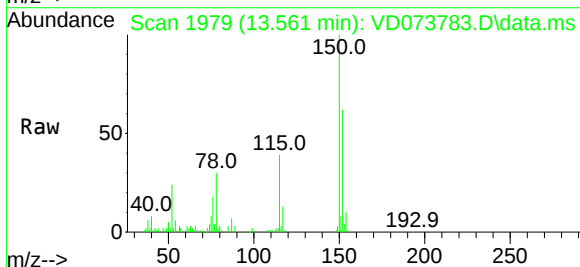
Tgt Ion:152 Resp: 66028

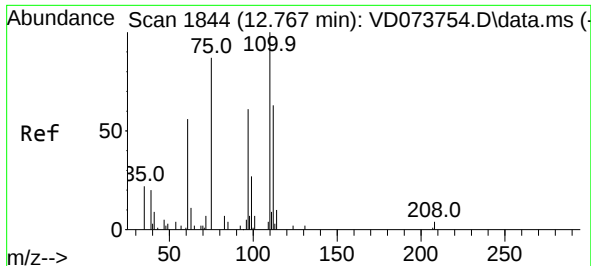
Ion Ratio Lower Upper

152 100

115 64.6 30.6 91.6

150 157.1 0.0 355.0

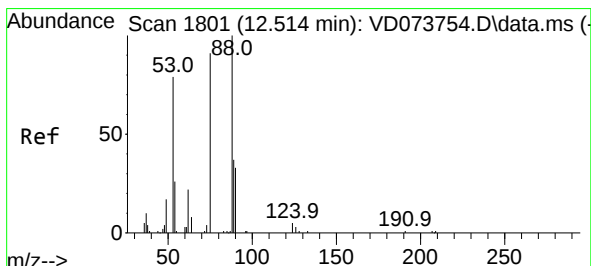
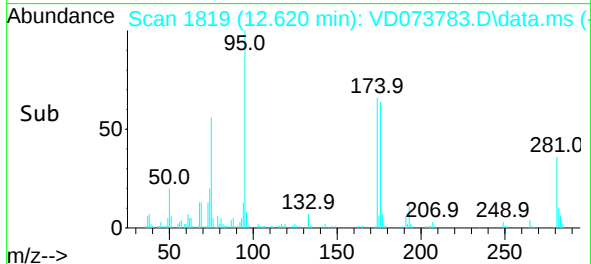
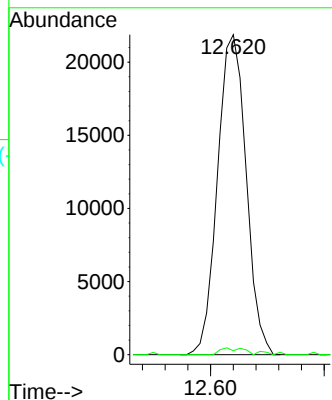
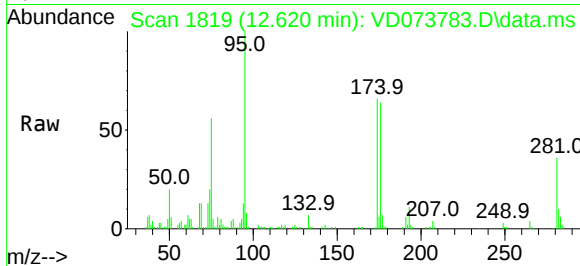




#76
1,2,3-Trichloropropane
Concen: 60.548 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-12B

Tgt Ion: 75 Resp: 38206
Ion Ratio Lower Upper
75 100
77 1.7 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.804 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 75 Resp: 38206
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6#
89 1.1 37.8 56.8#

