

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070551.D
 Acq On : 04 Oct 2021 15:16
 Operator : VA/SY
 Sample : M4042-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-100121

Quant Time: Oct 05 05:00:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

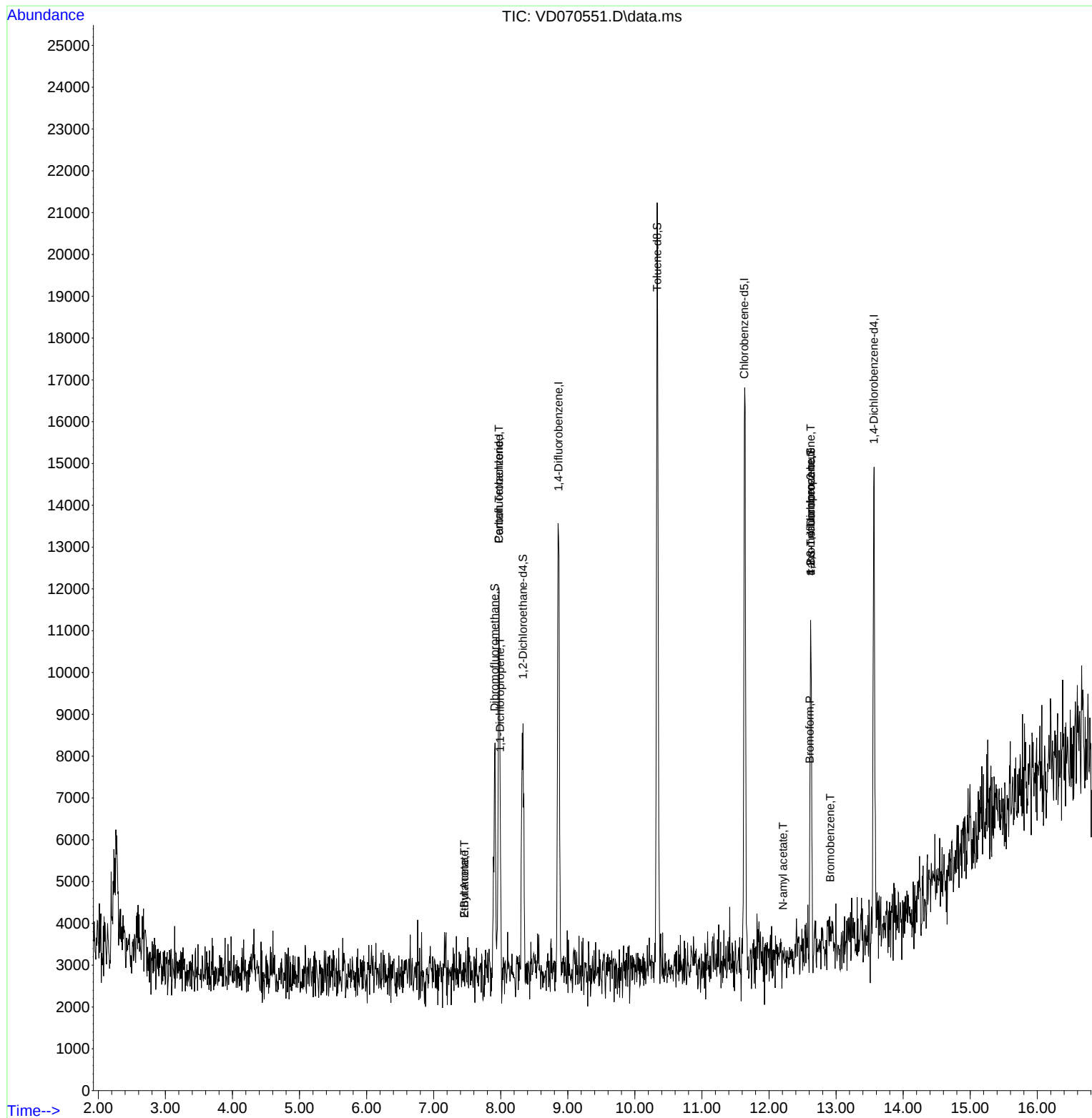
Internal Standards						
1) Pentafluorobenzene	7.973	168	6571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	11084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	9687	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	2948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	5052	59.877	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.760%			
35) Dibromofluoromethane	7.909	113	3844	48.722	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.440%			
50) Toluene-d8	10.332	98	12435	43.410	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.820%			
62) 4-Bromofluorobenzene	12.620	95	3570	35.660	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 71.320%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.803	94	55	Below Cal	#	37
6) Chloroethane	2.909	64	57	Below Cal	#	43
25) 2-Butanone	7.456	43	61	3.042	ug/l #	47
36) 1,1-Dichloropropene	7.991	75	606	5.115	ug/l #	41
37) Ethyl Acetate	7.456	43	61	1.377	ug/l #	65
38) Carbon Tetrachloride	7.973	117	770	6.572	ug/l #	12
71) Bromoform	12.608	173	62	1.707	ug/l #	27
74) N-amyl acetate	12.208	43	54	1.199	ug/l #	37
76) 1,2,3-Trichloropropane	12.620	75	1480	49.632	ug/l #	1
77) Bromobenzene	12.914	156	139	2.914	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	1480	124.358	ug/l #	17

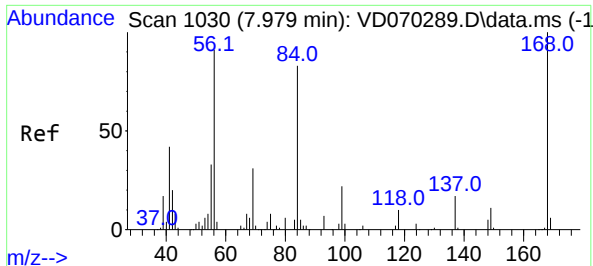
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 05 05:00:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

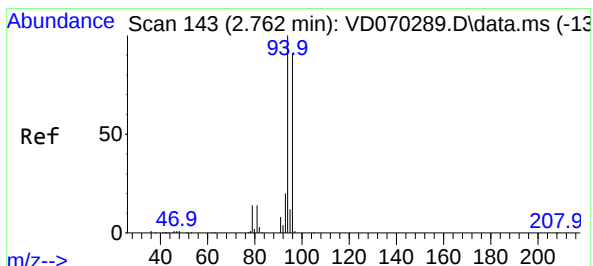
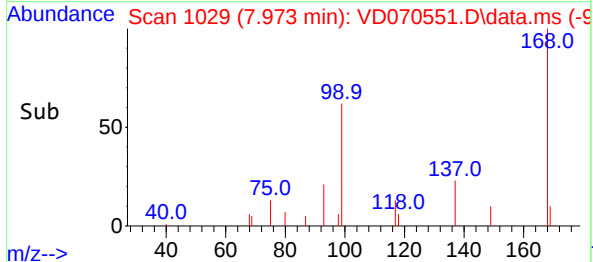
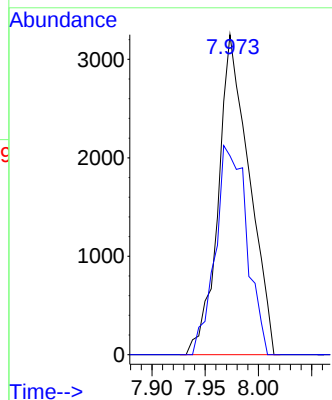
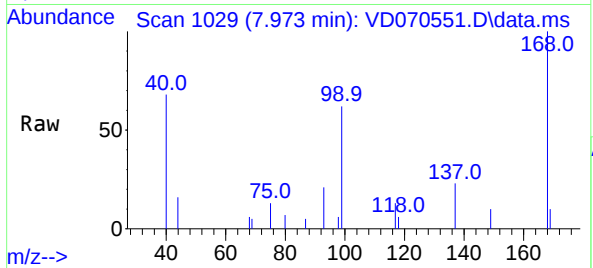




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

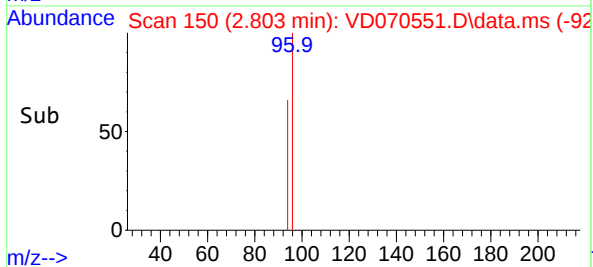
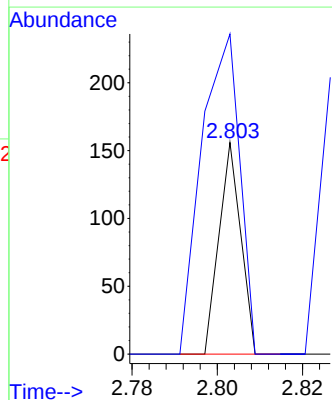
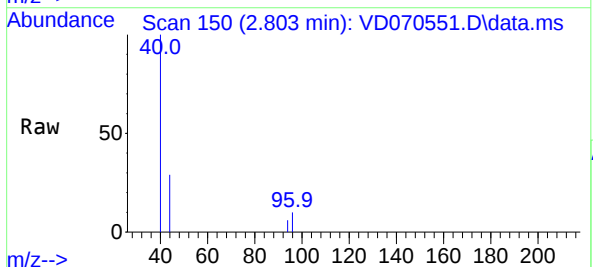
Instrument :
MSVOA_D
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EO-02-100121

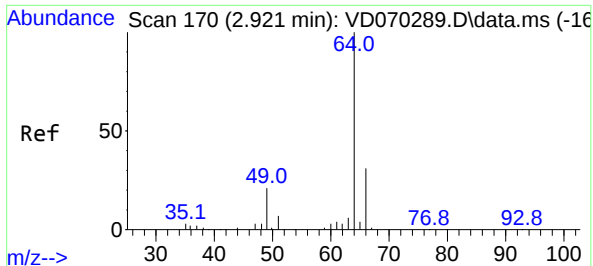
Tgt Ion:168 Resp: 6571
Ion Ratio Lower Upper
168 100
99 62.2 50.8 76.2



#5
Bromomethane
Concen: Below Cal
RT: 2.803 min Scan# 150
Delta R.T. 0.041 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 151.3 73.0 109.6#

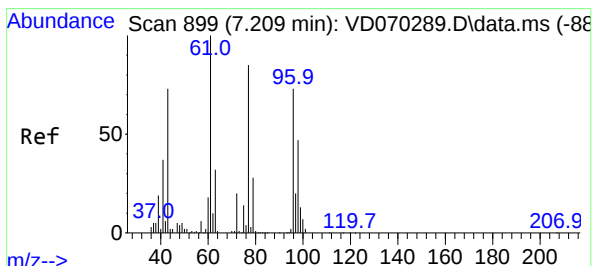
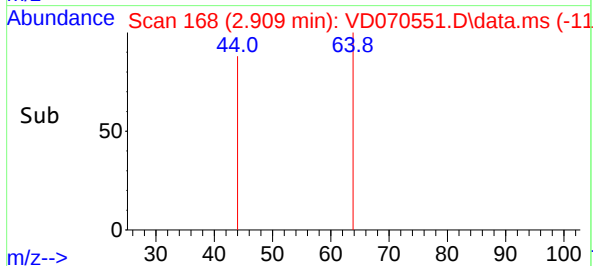
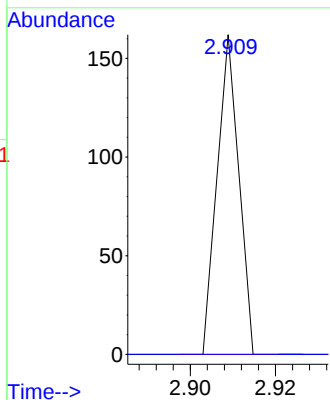
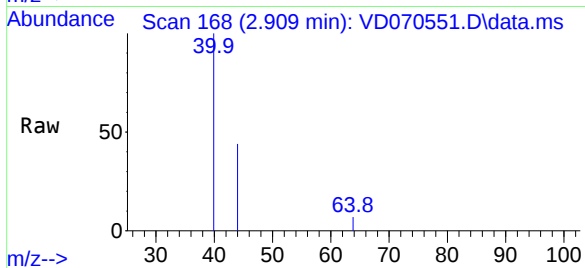




#6
Chloroethane
Concen: Below Cal
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

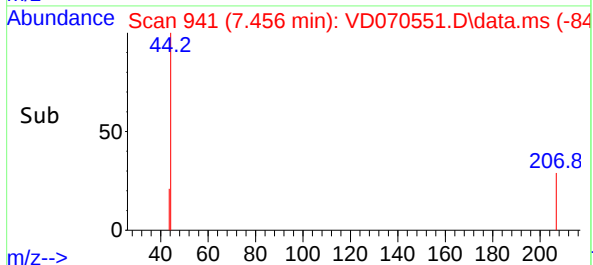
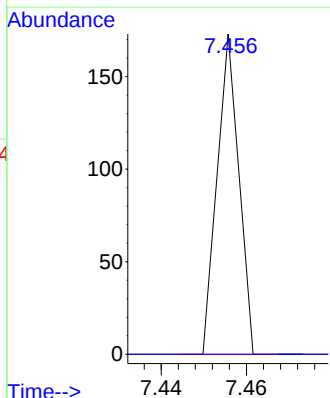
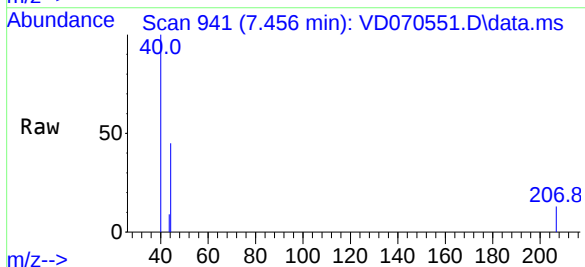
Instrument :
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ClientSampleId :
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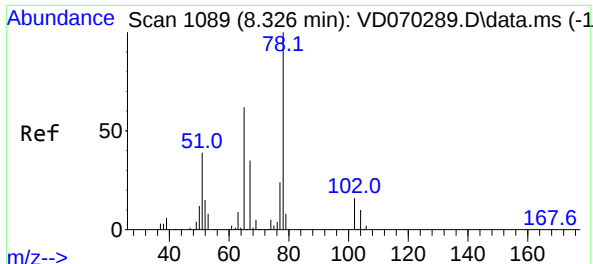
Tgt Ion: 64 Resp: 57
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#25
2-Butanone
Concen: 3.042 ug/l
RT: 7.456 min Scan# 941
Delta R.T. 0.247 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.4#

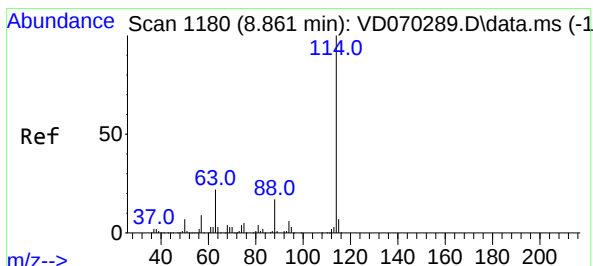
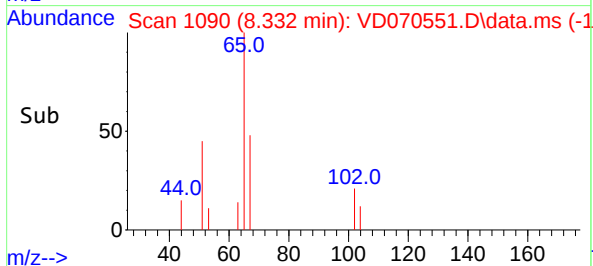
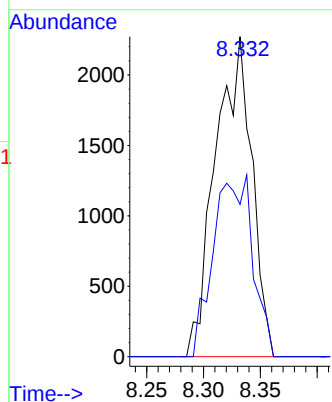
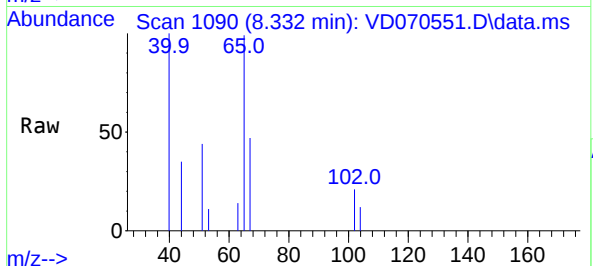




#33
1,2-Dichloroethane-d4
Concen: 59.877 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

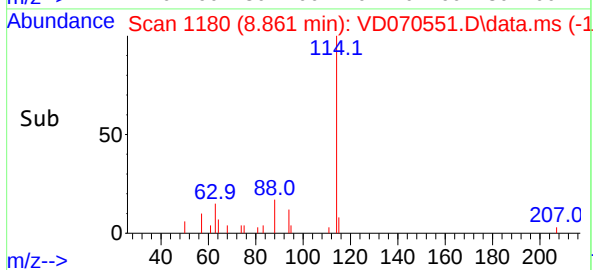
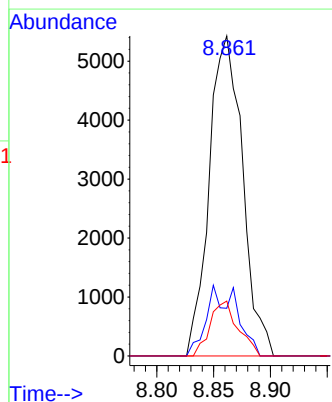
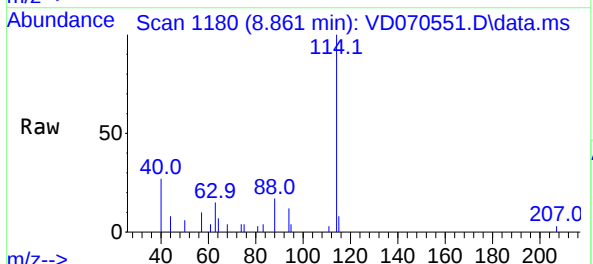
Instrument :
MSVOA_D
ClientSampleId :
EO-02-100121

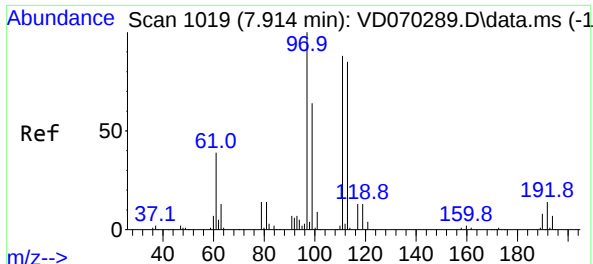
Tgt Ion: 65 Resp: 5052
Ion Ratio Lower Upper
65 100
67 61.0 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion:114 Resp: 11084
Ion Ratio Lower Upper
114 100
63 14.9 0.0 43.4
88 17.1 0.0 33.4

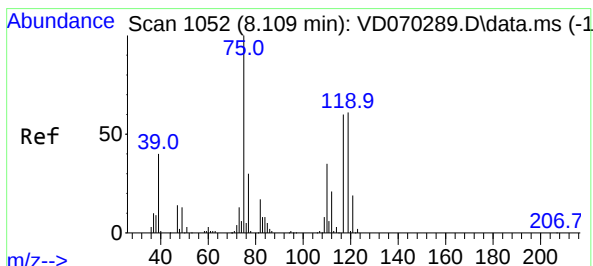
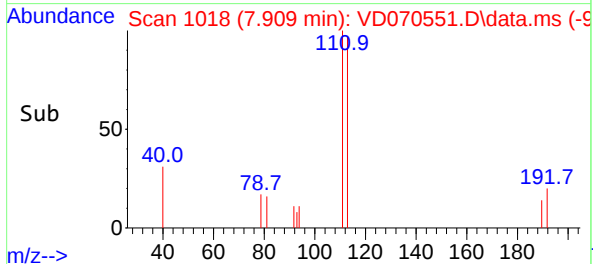
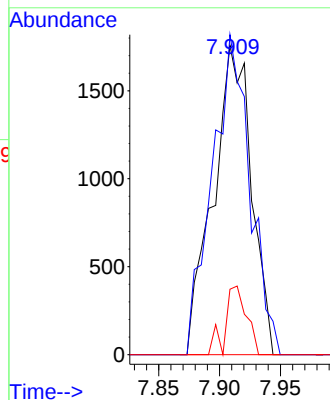
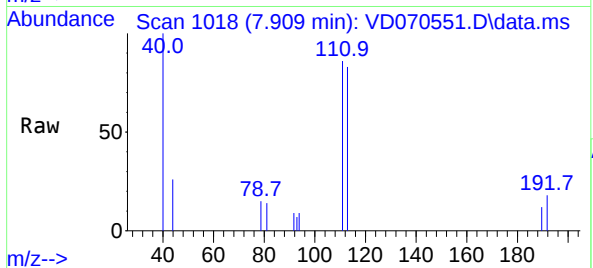




#35
Dibromofluoromethane
Concen: 48.722 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

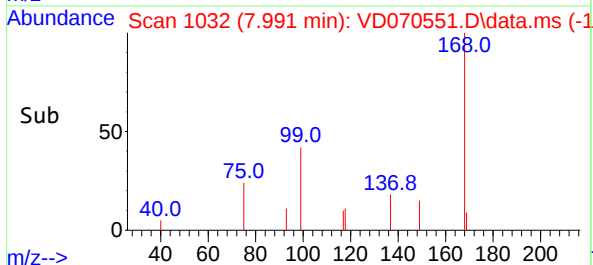
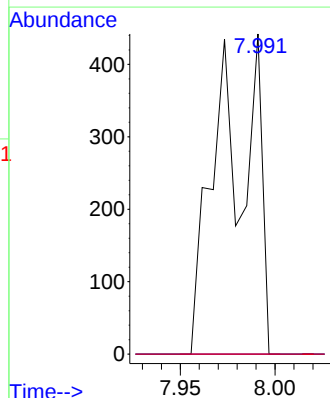
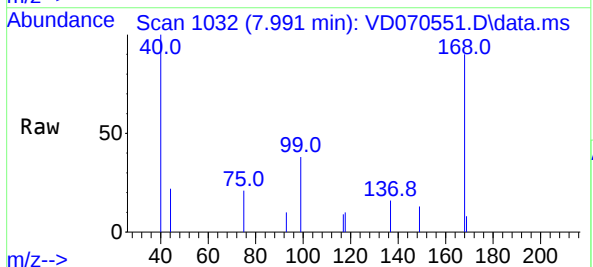
Instrument :
MSVOA_D
ClientSampleId :
EO-02-100121

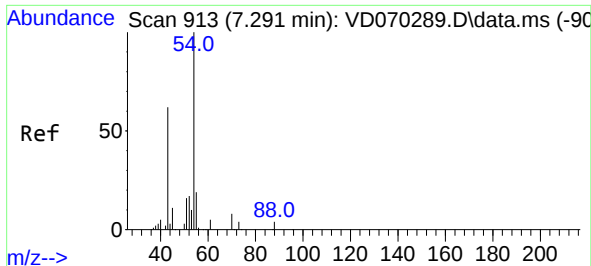
Tgt Ion:113 Resp: 3844
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.2
192 12.4 13.0 19.6#



#36
1,1-Dichloropropene
Concen: 5.115 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.118 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion: 75 Resp: 606
Ion Ratio Lower Upper
75 100
110 0.0 17.9 53.7#
77 0.0 25.3 37.9#

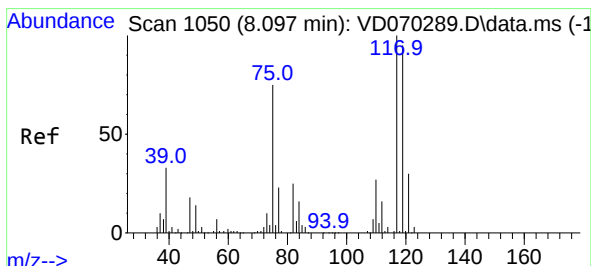
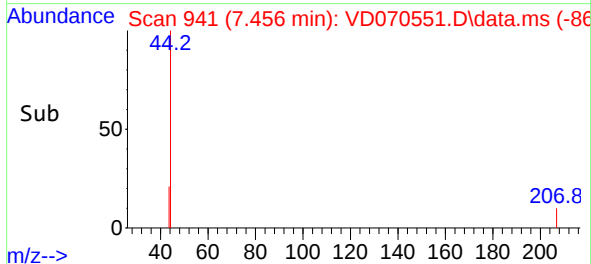
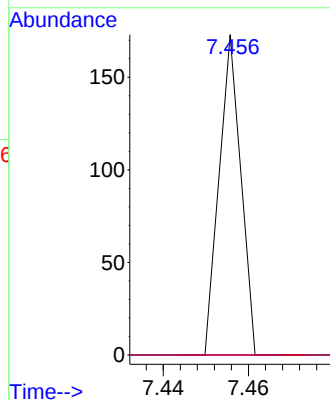
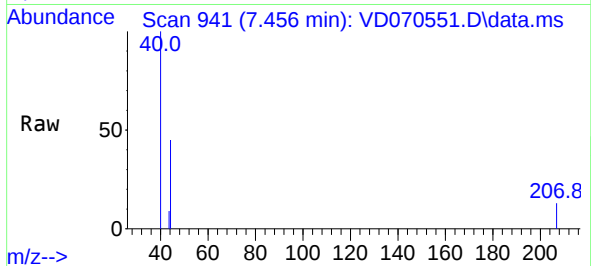




#37
Ethyl Acetate
Concen: 1.377 ug/l
RT: 7.456 min Scan# 941
Delta R.T. 0.165 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

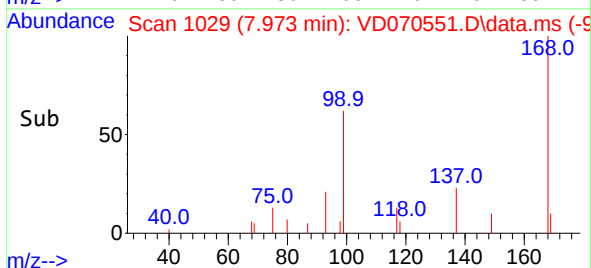
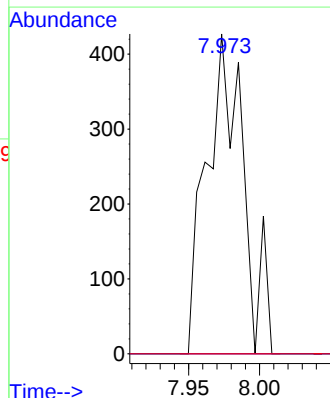
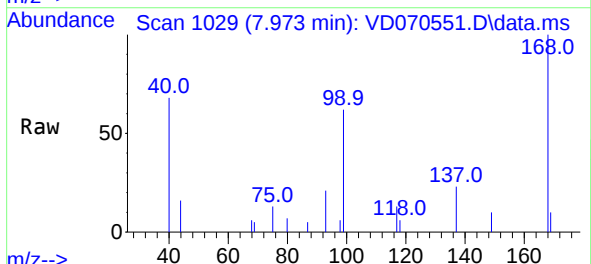
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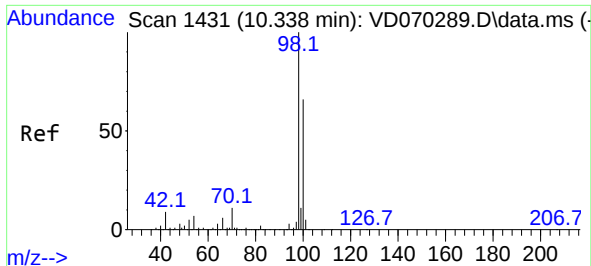
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.6#
70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion: 117 Resp: 770
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 23.8 35.6#

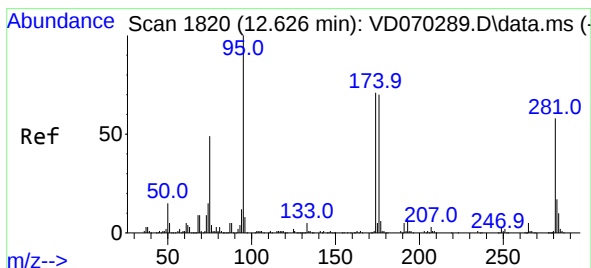
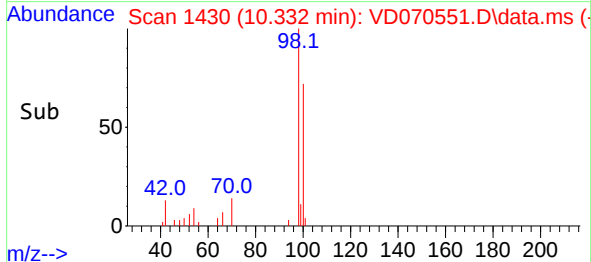
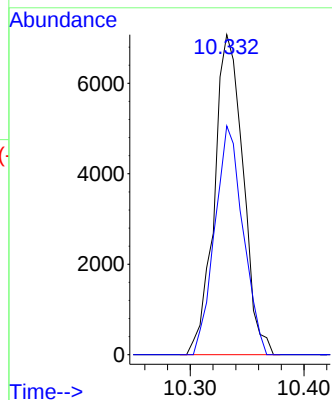
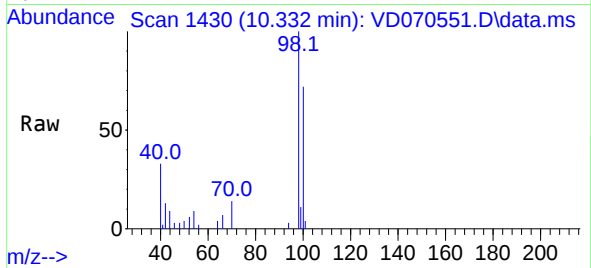




#50
Toluene-d8
Concen: 43.410 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

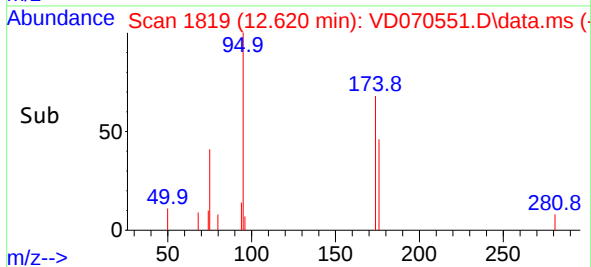
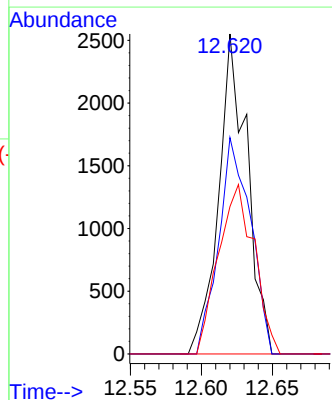
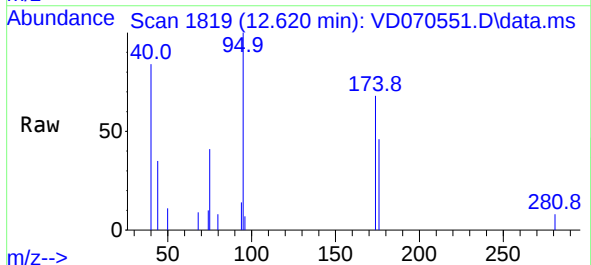
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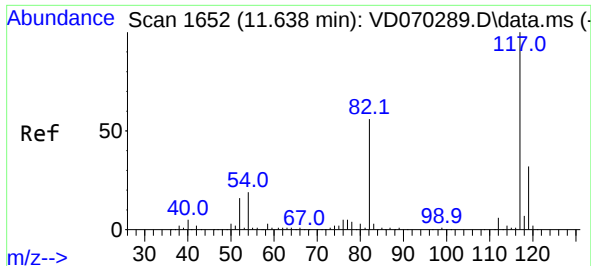
Tgt Ion: 98 Resp: 12435
Ion Ratio Lower Upper
98 100
100 70.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.660 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion: 95 Resp: 3570
Ion Ratio Lower Upper
95 100
174 75.4 0.0 140.6
176 66.2 0.0 137.4

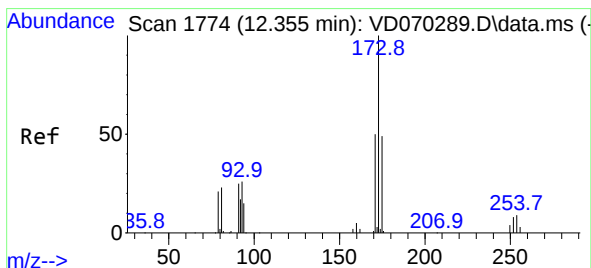
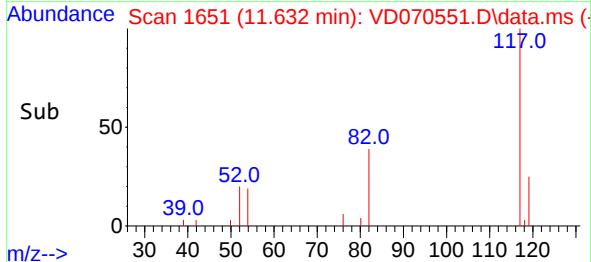
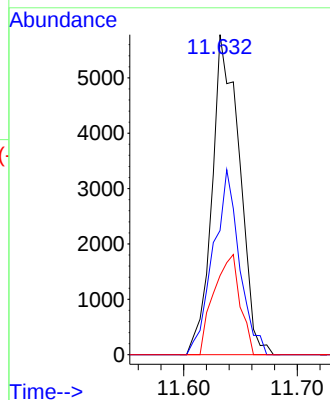
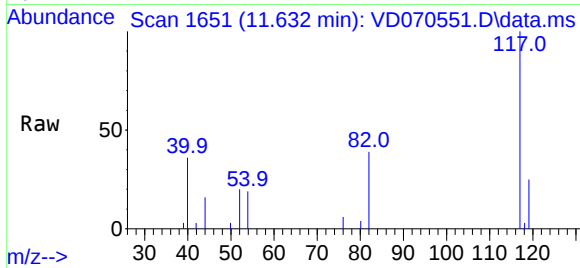




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

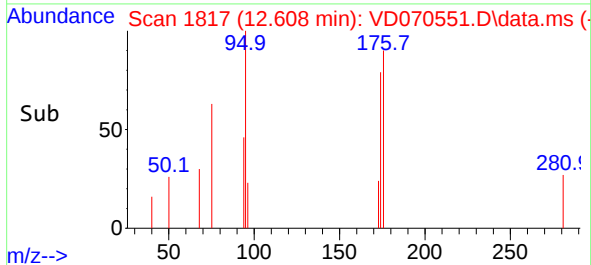
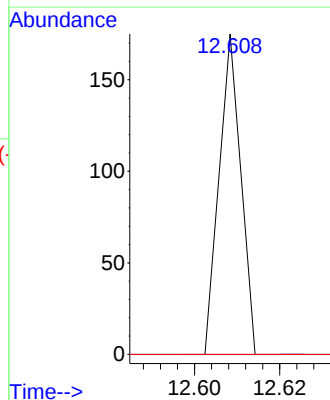
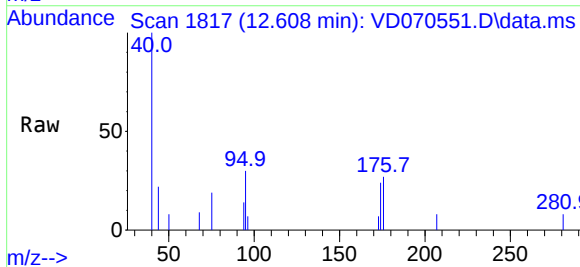
Instrument :
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EO-02-100121

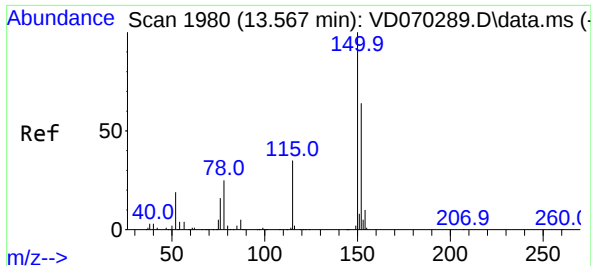
Tgt Ion:117 Resp: 9687
Ion Ratio Lower Upper
117 100
82 38.8 45.0 67.4#
119 24.7 25.2 37.8#



#71
Bromoform
Concen: 1.707 ug/l
RT: 12.608 min Scan# 1817
Delta R.T. 0.253 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion:173 Resp: 62
Ion Ratio Lower Upper
173 100
175 0.0 25.1 75.2#
254 0.0 0.1 0.1#

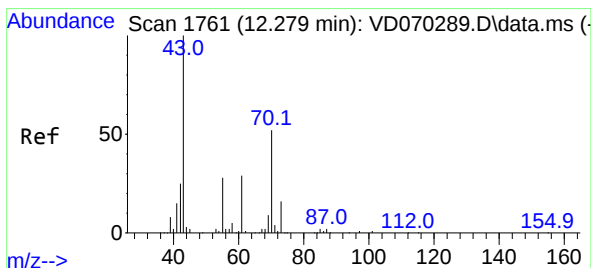
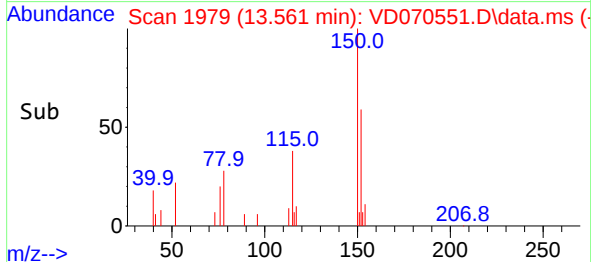
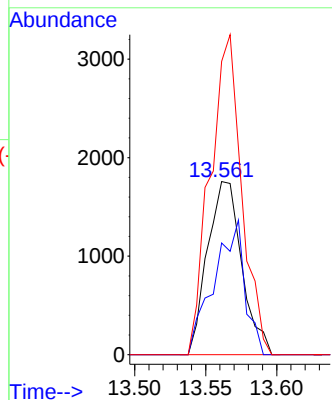
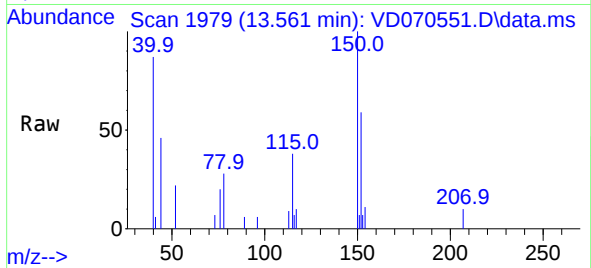




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

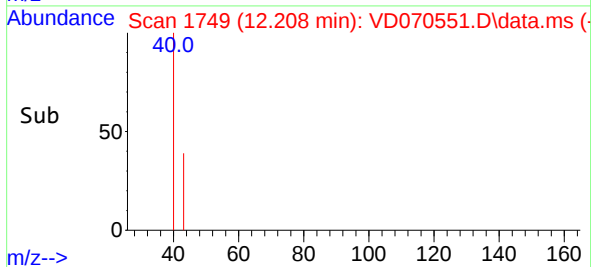
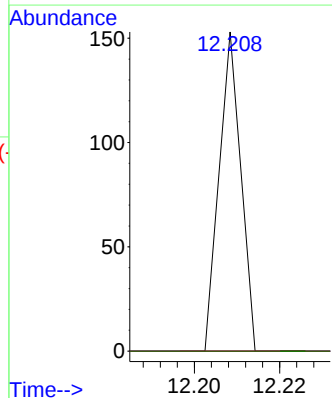
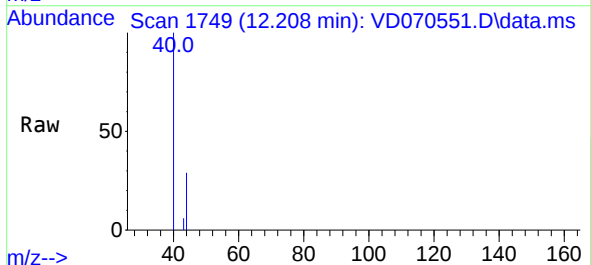
Instrument :
MSVOA_D
ClientSampleId :
EO-02-100121

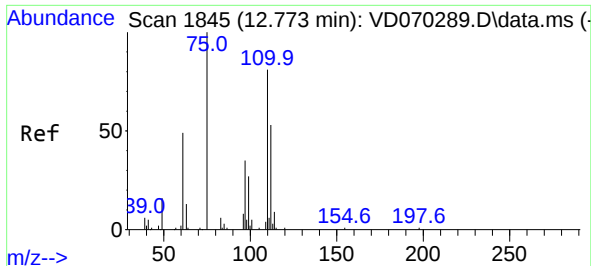
Tgt Ion:152 Resp: 2948
Ion Ratio Lower Upper
152 100
115 70.0 32.1 96.3
150 170.6 0.0 350.6



#74
N-ethyl acetate
Concen: 1.199 ug/l
RT: 12.208 min Scan# 1749
Delta R.T. -0.071 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.0#
55 0.0 22.8 34.2#
61 0.0 21.8 32.6#

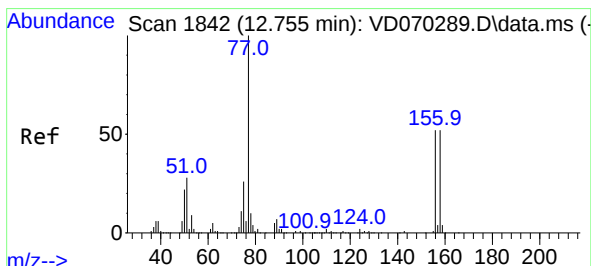
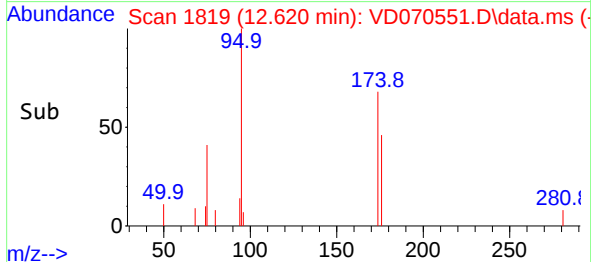
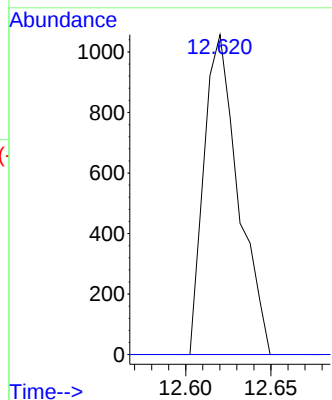
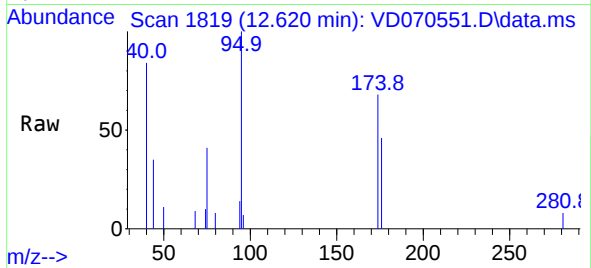




#76
1,2,3-Trichloropropane
Concen: 49.632 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

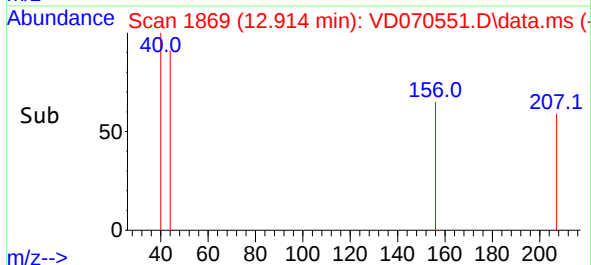
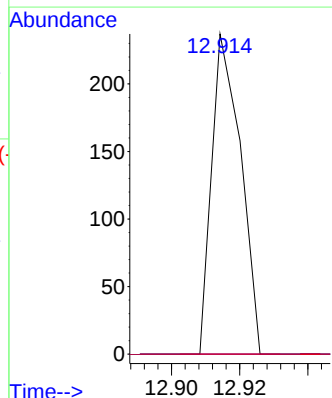
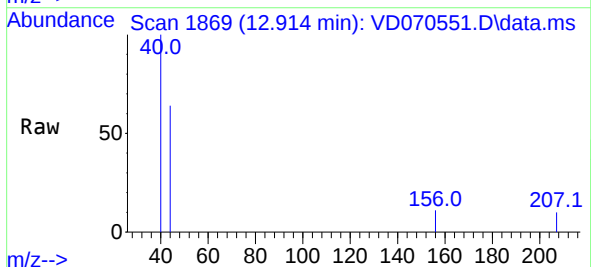
Instrument :
MSVOA_D
ClientSampleId :
EO-02-100121

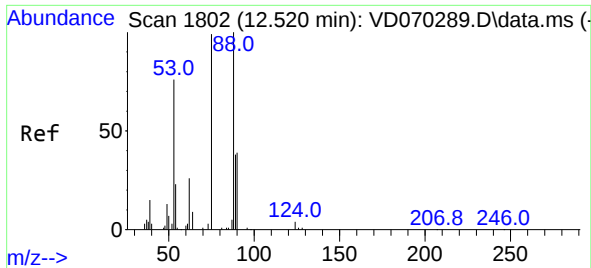
Tgt Ion: 75 Resp: 1480
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#



#77
Bromobenzene
Concen: 2.914 ug/l
RT: 12.914 min Scan# 1869
Delta R.T. 0.159 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

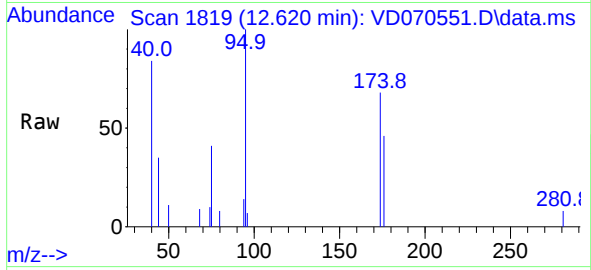
Tgt Ion: 156 Resp: 139
Ion Ratio Lower Upper
156 100
77 0.0 104.3 312.8#
158 0.0 49.4 148.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 124.358 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Instrument :
MSVOA_D
ClientSampleId :
EO-02-100121



Tgt Ion: 75 Resp: 1480
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#

