

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074558.D
 Acq On : 18 Oct 2022 11:41
 Operator : VA/SY
 Sample : VD1018SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 19 01:29:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

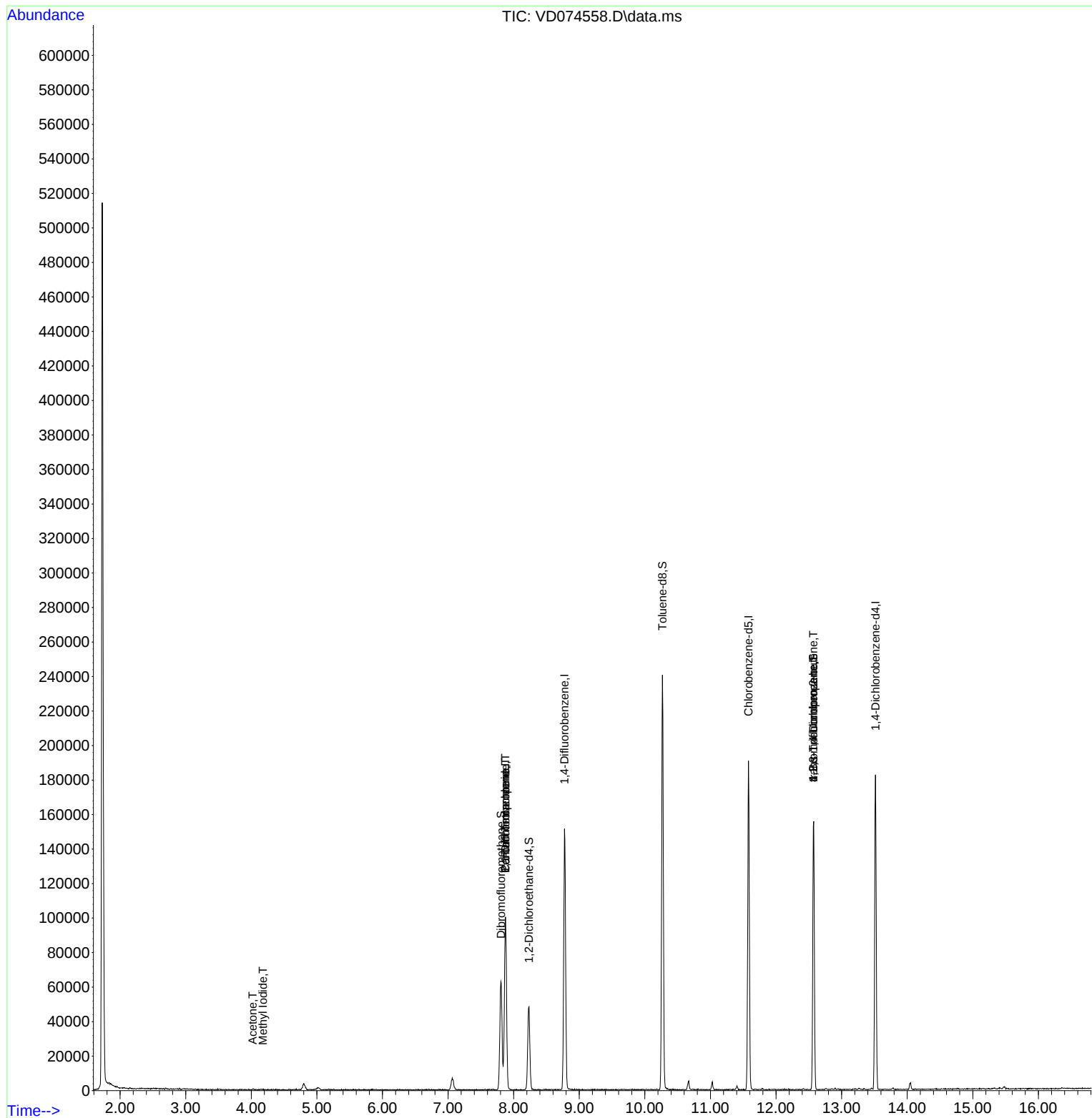
Internal Standards						
1) Pentafluorobenzene	7.875	168	83643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	145443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	118240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	53095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38129	52.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.920%	
35) Dibromofluoromethane	7.810	113	46459	53.207	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.420%	
50) Toluene-d8	10.269	98	174512	52.330	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	12.569	95	45327	43.623	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.240%	
Target Compounds						Qvalue
10) Methyl Iodide	4.175	142	297	5.499	ug/l #	43
11) Tert butyl alcohol	5.028	59	751	Below Cal	#	84
16) Acetone	4.022	43	258	1.661	ug/l #	37
20) Methylene Chloride	4.804	84	3124	Below Cal	#	88
36) 1,1-Dichloropropene	7.875	75	5846	4.188	ug/l #	46
38) Carbon Tetrachloride	7.875	117	8152	6.316	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	22846	50.349	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	22846	127.715	ug/l #	17

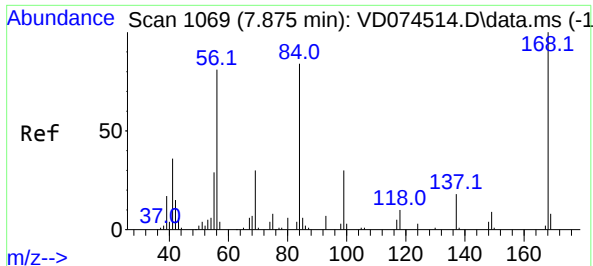
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

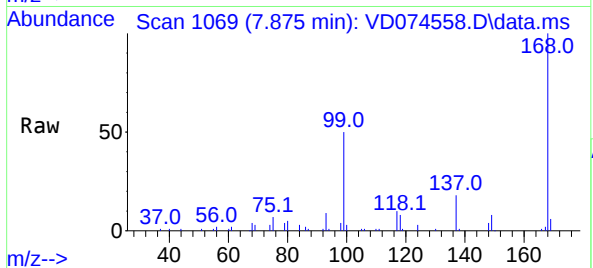
Quant Time: Oct 19 01:29:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration



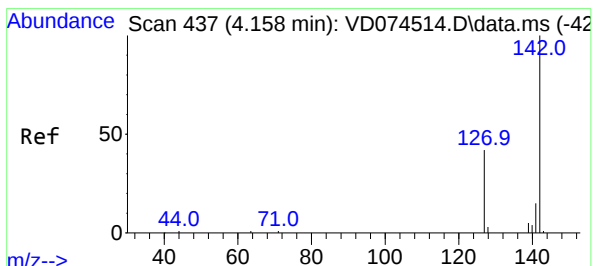
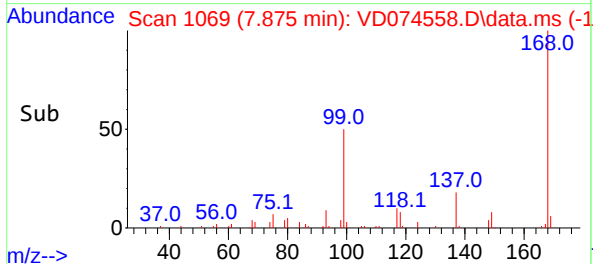
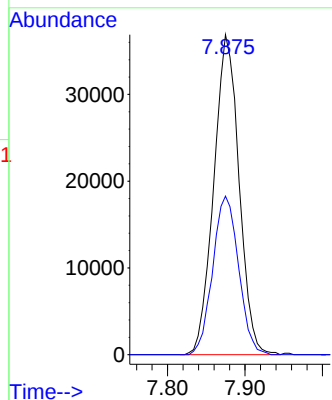


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :

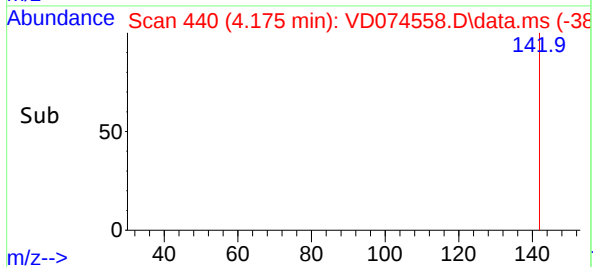
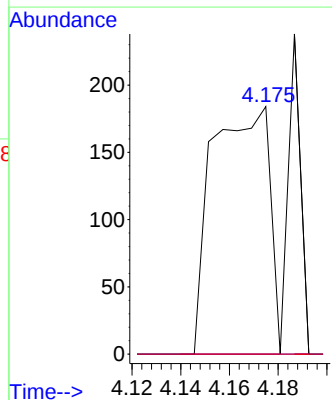
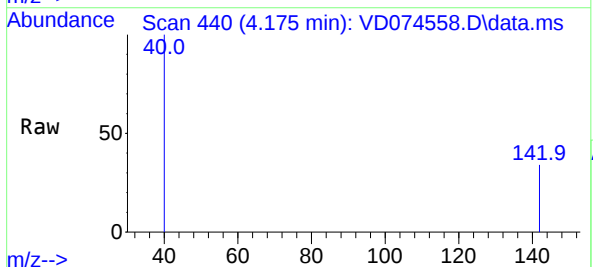


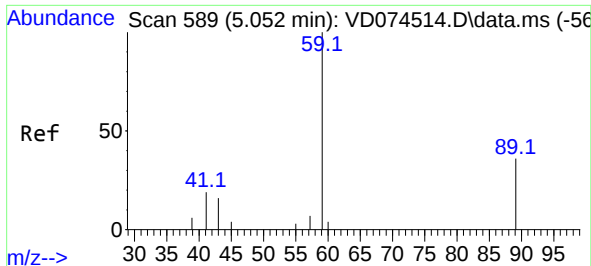
Tgt Ion:168 Resp: 83643
Ion Ratio Lower Upper
168 100
99 49.6 40.9 61.3



#10
Methyl Iodide
Concen: 5.499 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.017 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

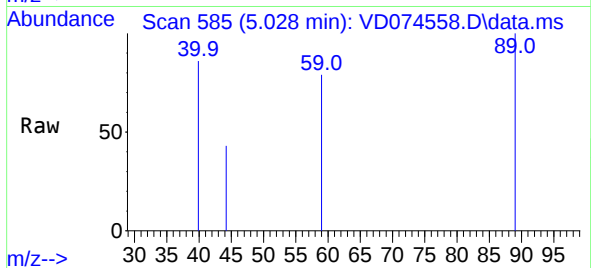
Tgt Ion:142 Resp: 297
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



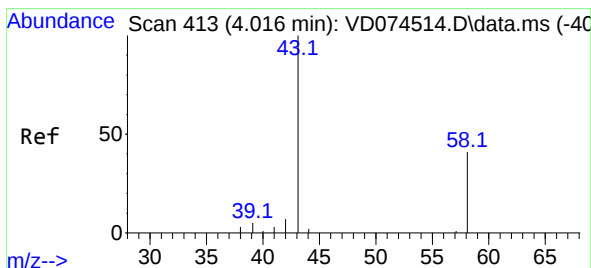
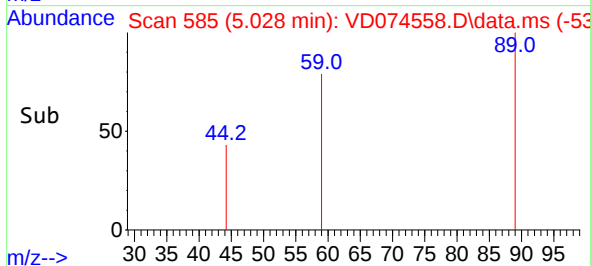
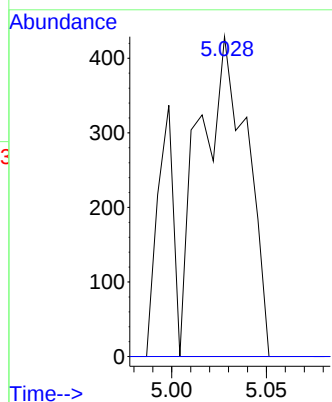


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :

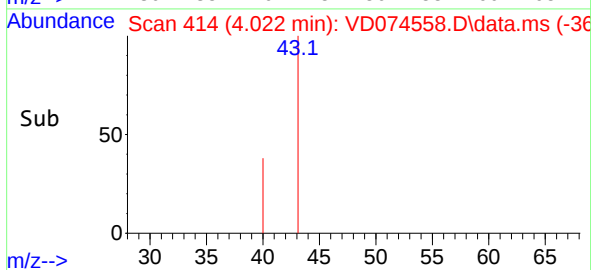
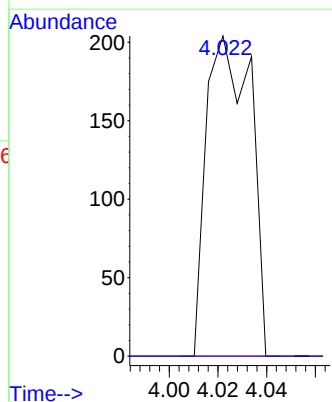
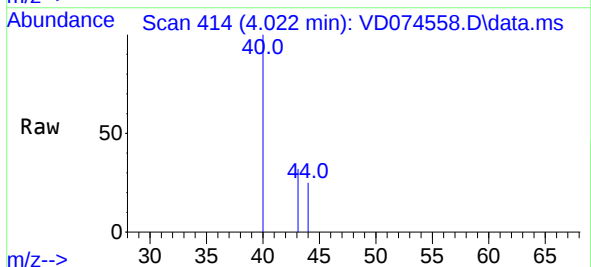


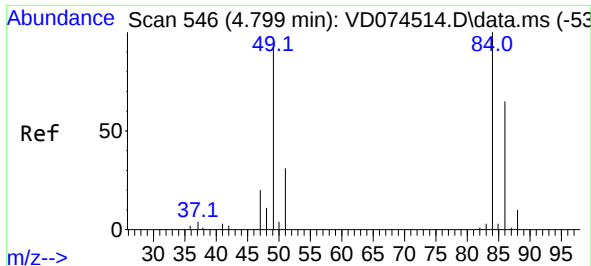
Tgt Ion: 59 Resp: 751
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.661 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

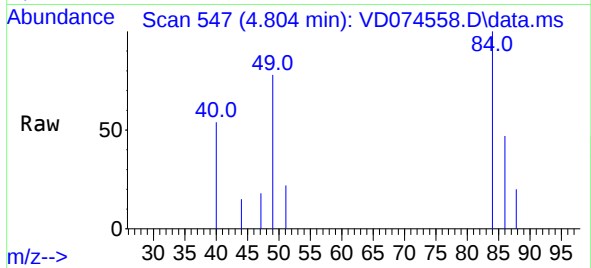
Tgt Ion: 43 Resp: 258
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



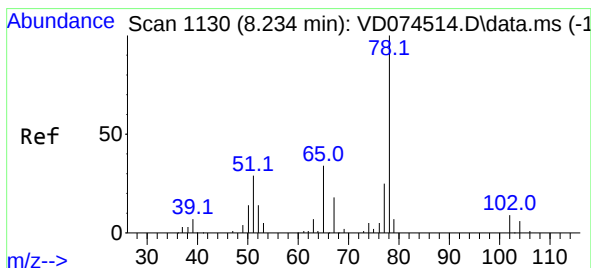
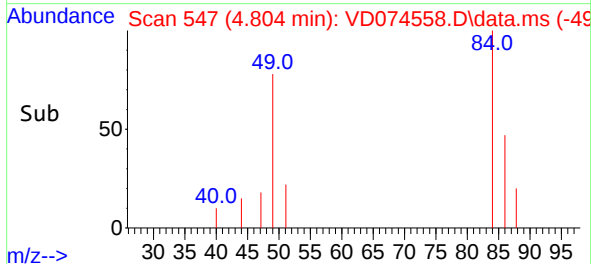
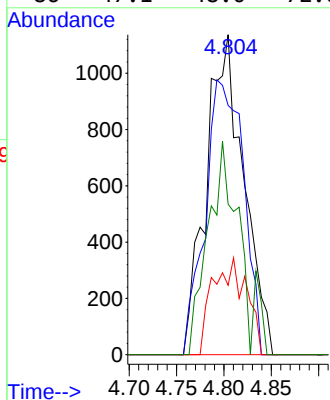


#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 54
Delta R.T. 0.005 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :

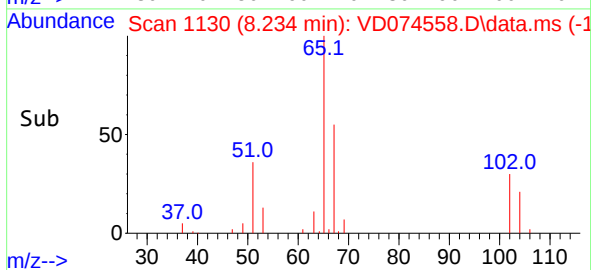
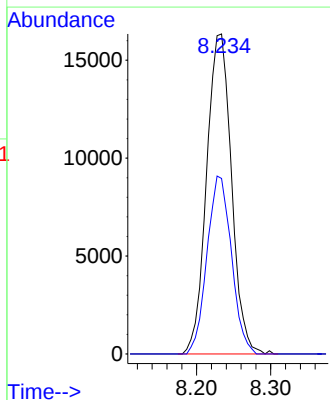
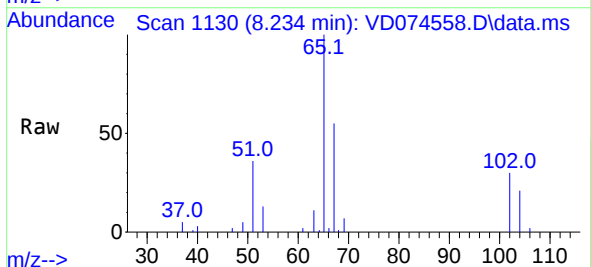


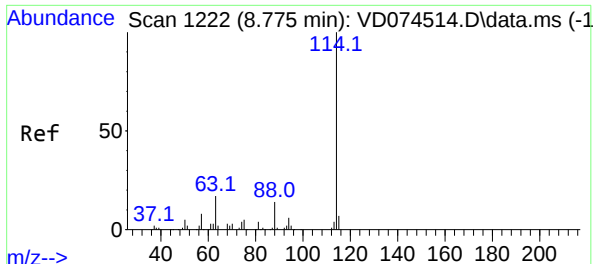
Tgt Ion: 84 Resp: 3124
Ion Ratio Lower Upper
84 100
49 77.9 68.0 102.0
51 21.7 23.2 34.8#
86 47.1 48.0 72.0#



#33
1,2-Dichloroethane-d4
Concen: 52.960 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Tgt Ion: 65 Resp: 38129
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074558.D

Acq: 18 Oct 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

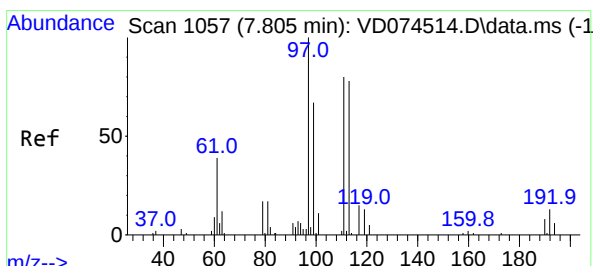
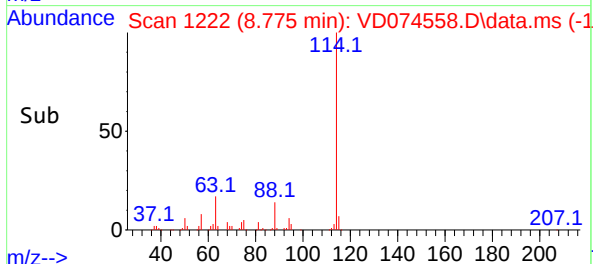
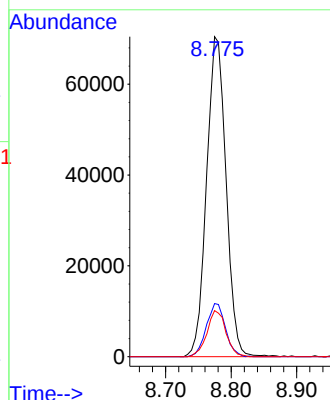
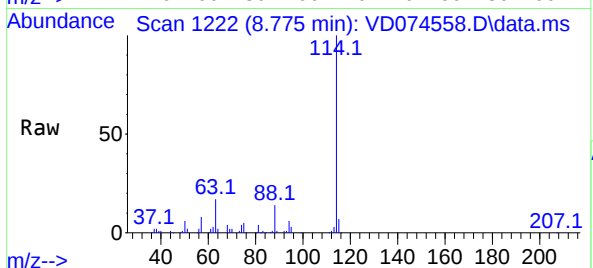
Tgt Ion:114 Resp: 145443

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.207 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074558.D

Acq: 18 Oct 2022 11:41

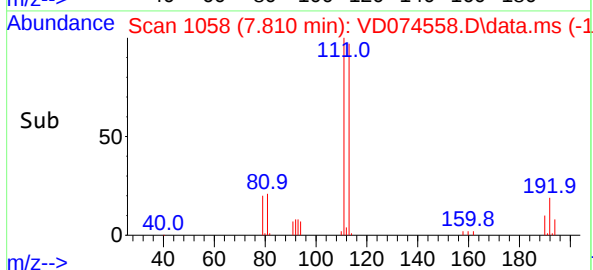
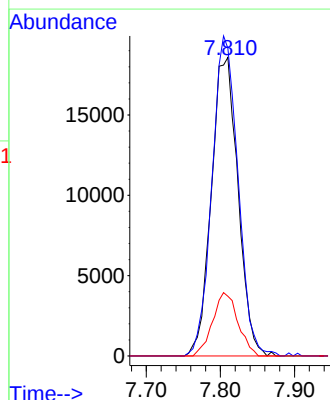
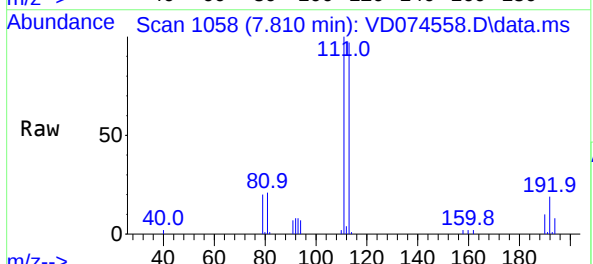
Tgt Ion:113 Resp: 46459

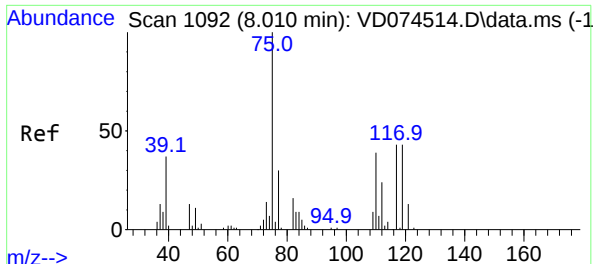
Ion Ratio Lower Upper

113 100

111 104.6 82.3 123.5

192 20.1 16.4 24.6

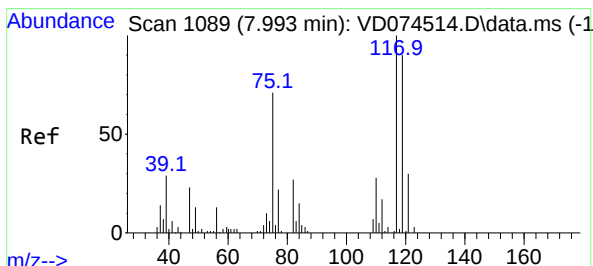
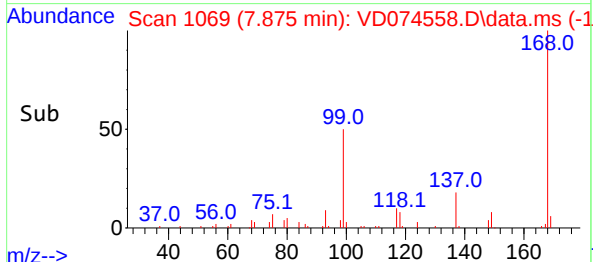
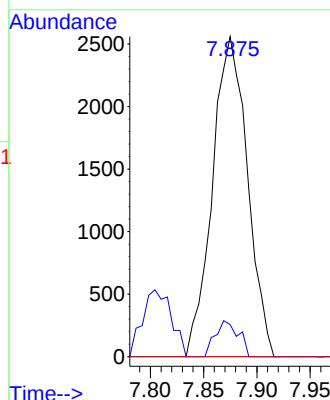
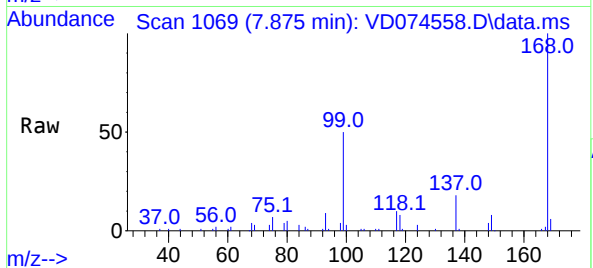




#36
1,1-Dichloropropene
Concen: 4.188 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

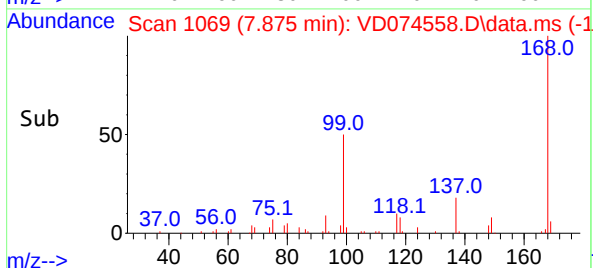
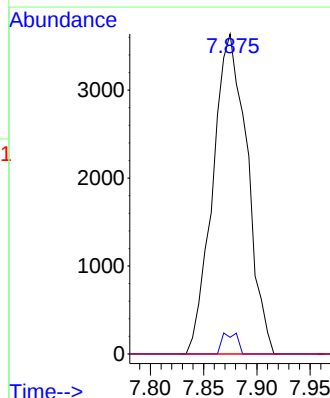
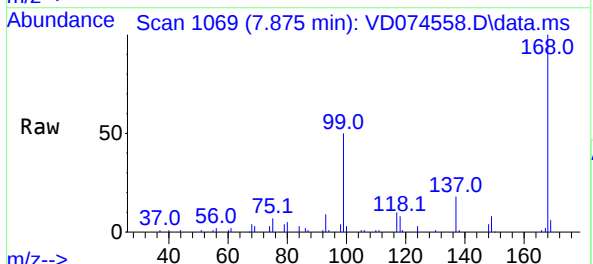
Instrument :
MSVOA_D
ClientSampleId :

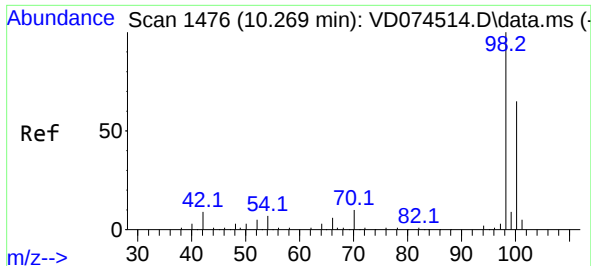
Tgt Ion: 75 Resp: 5846
Ion Ratio Lower Upper
75 100
110 7.4 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.316 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Tgt Ion: 117 Resp: 8152
Ion Ratio Lower Upper
117 100
119 5.2 73.1 109.7#
121 0.0 25.0 37.6#

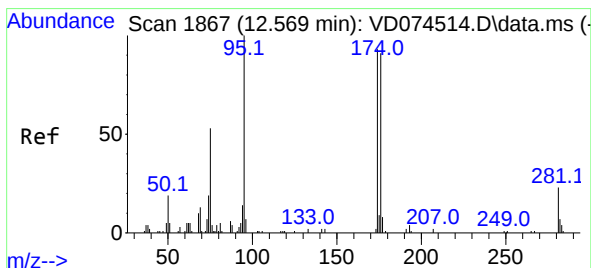
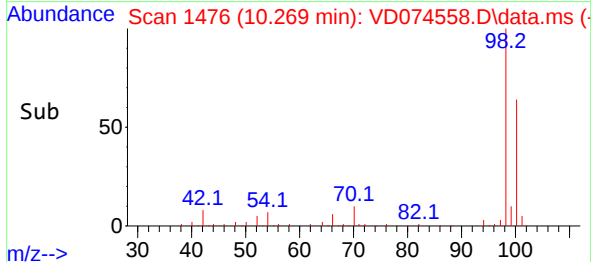
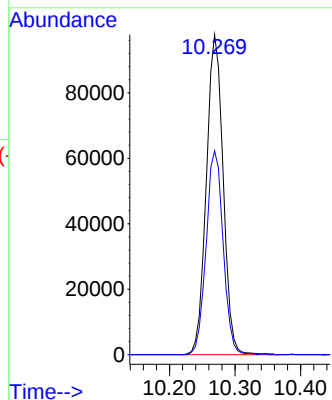
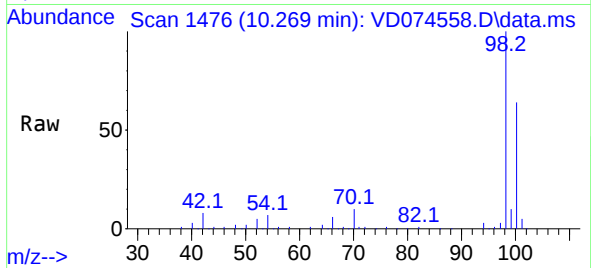




#50
Toluene-d8
Concen: 52.330 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

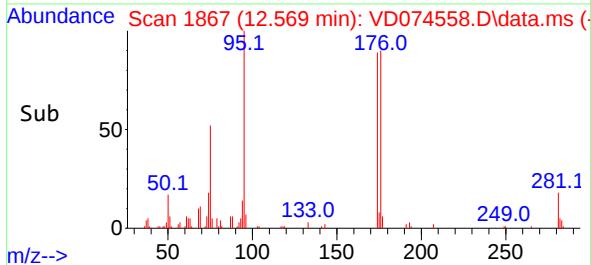
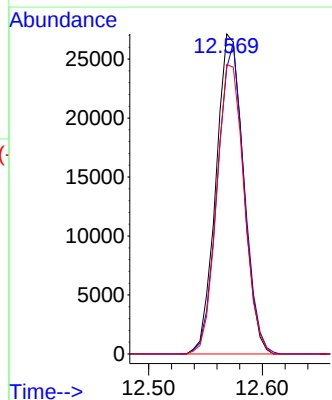
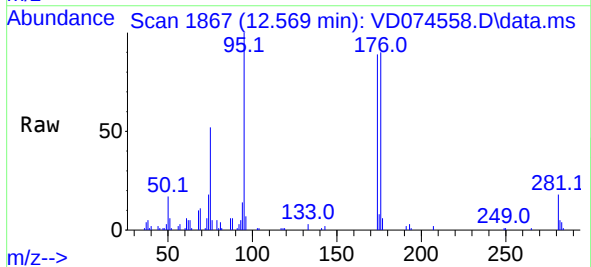
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MSVOA_D
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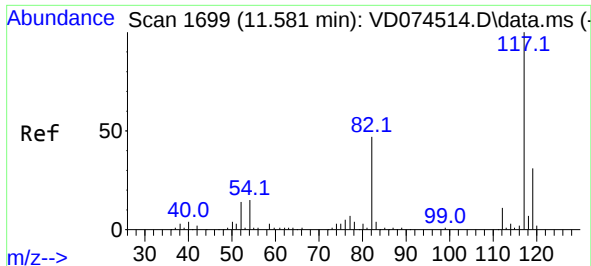
Tgt Ion: 98 Resp: 174512
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.623 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Tgt Ion: 95 Resp: 45327
Ion Ratio Lower Upper
95 100
174 94.8 0.0 197.0
176 90.4 0.0 182.6

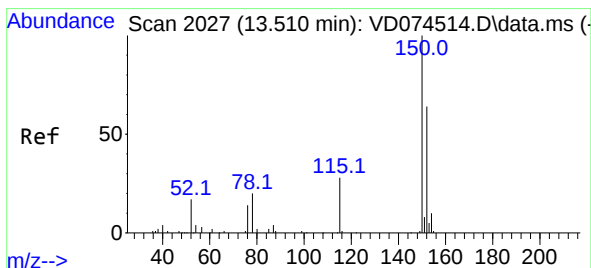
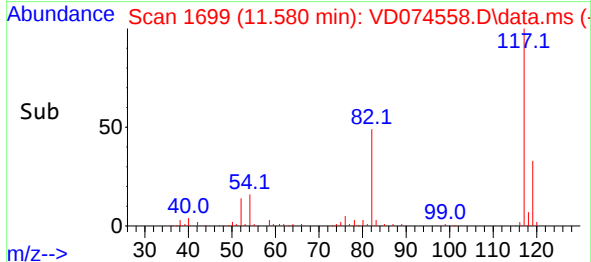
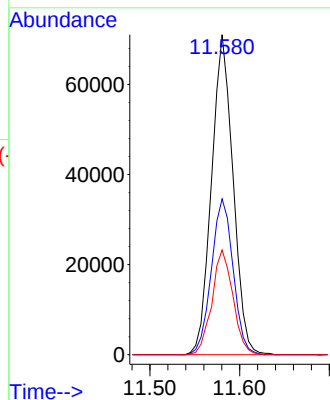
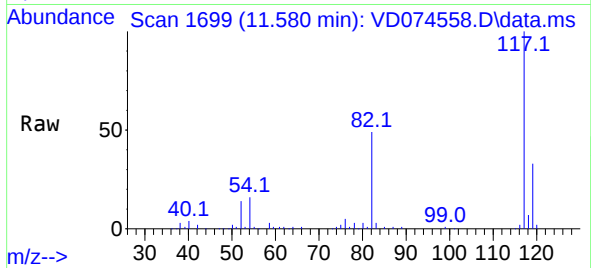




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

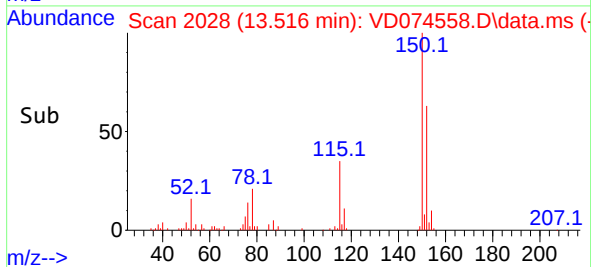
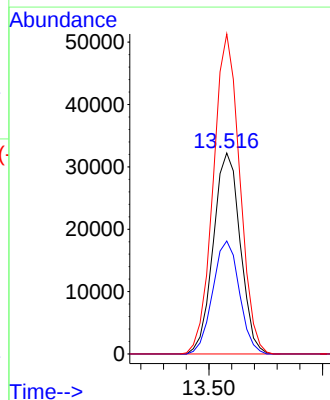
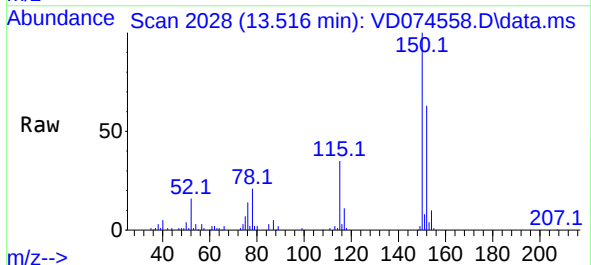
Instrument :
MSVOA_D
ClientSampleId :

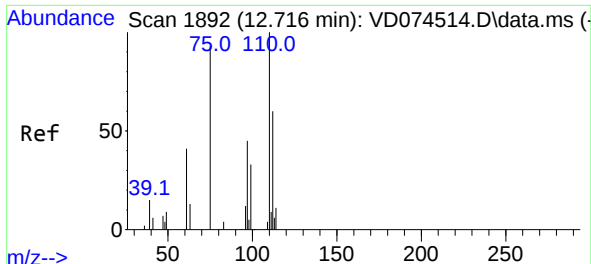
Tgt Ion:117 Resp: 118240
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Tgt Ion:152 Resp: 53095
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 156.6 0.0 348.2

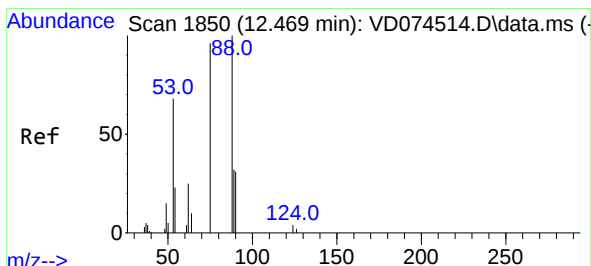
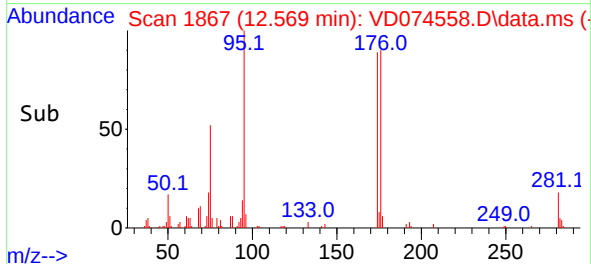
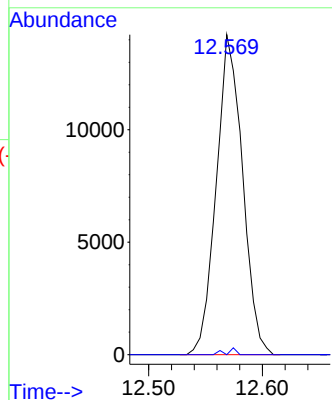
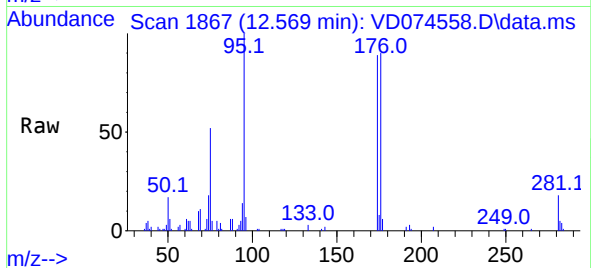




#76
1,2,3-Trichloropropane
Concen: 50.349 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 22846
Ion Ratio Lower Upper
75 100
77 0.8 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.715 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Tgt Ion: 75 Resp: 22846
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

