

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071527.D
 Acq On : 29 Dec 2021 14:29
 Operator : VA/SY
 Sample : M5235-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-122321

Quant Time: Dec 29 15:29:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

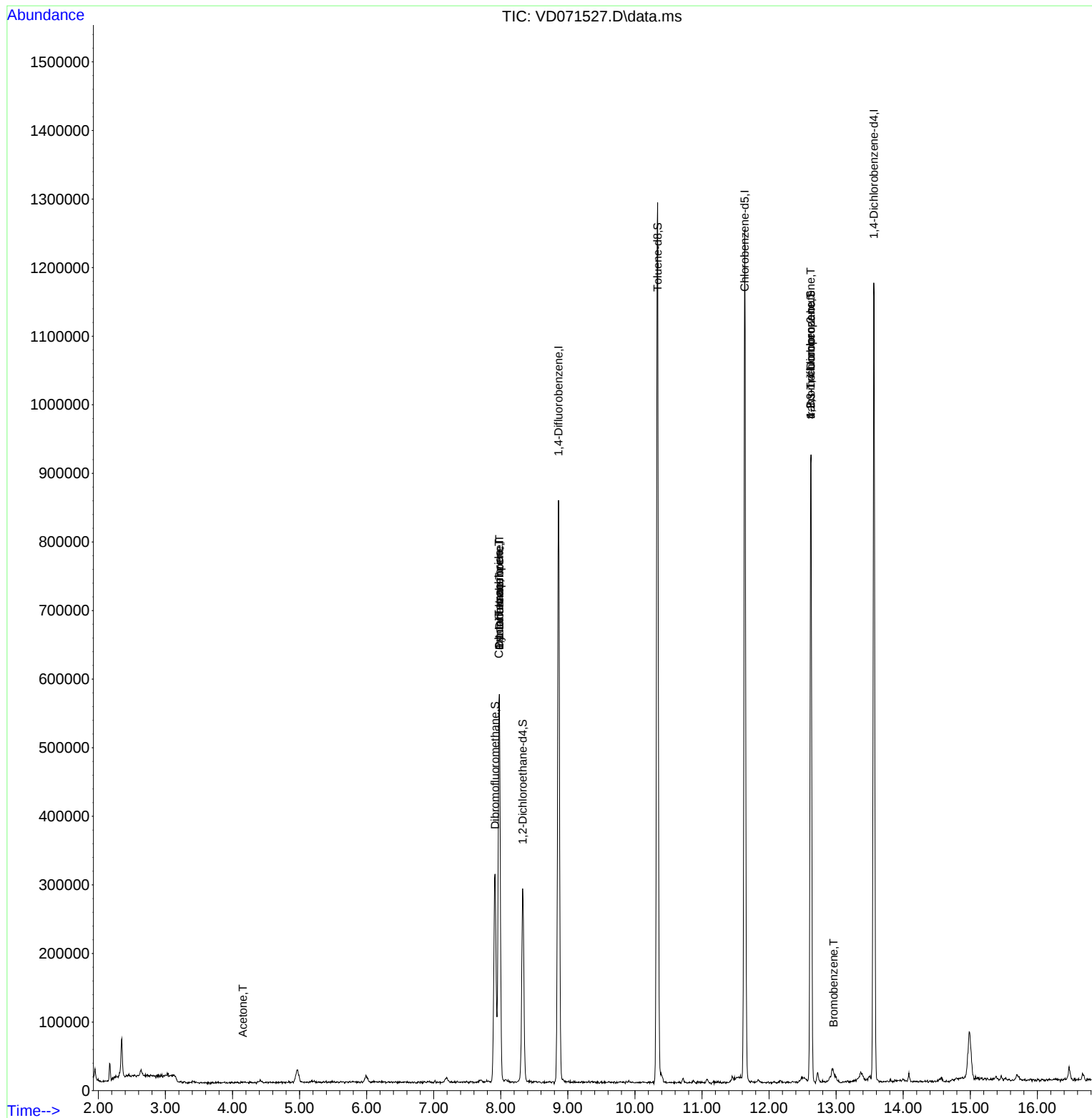
Internal Standards						
1) Pentafluorobenzene	7.979	168	386310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	673155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	630406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	282487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223364	43.536	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.080%		
35) Dibromofluoromethane	7.914	113	211526	46.755	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.520%		
50) Toluene-d8	10.338	98	847480	49.570	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.140%		
62) 4-Bromofluorobenzene	12.620	95	286271	47.120	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.240%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.208	59	918	Below Cal		96
16) Acetone	4.156	43	1524	1.183 ug/l #		40
20) Methylene Chloride	4.961	84	12163	Below Cal #		79
31) Cyclohexane	7.979	56	11551	1.325 ug/l #		41
36) 1,1-Dichloropropene	7.979	75	38177	5.282 ug/l #		49
38) Carbon Tetrachloride	7.973	117	43613	6.116 ug/l #		16
76) 1,2,3-Trichloropropane	12.620	75	165377	49.271 ug/l #		1
77) Bromobenzene	12.961	156	15994	3.300 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.620	75	165377	139.218 ug/l #		18

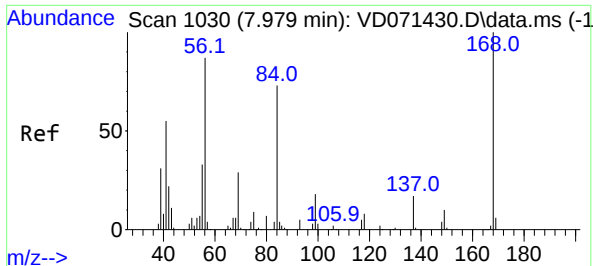
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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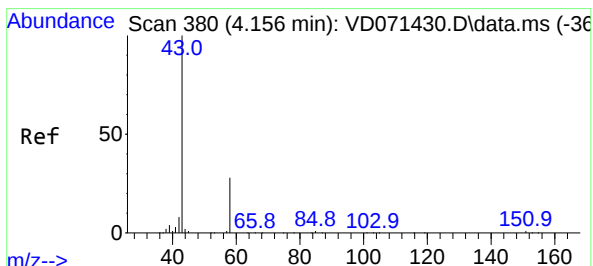
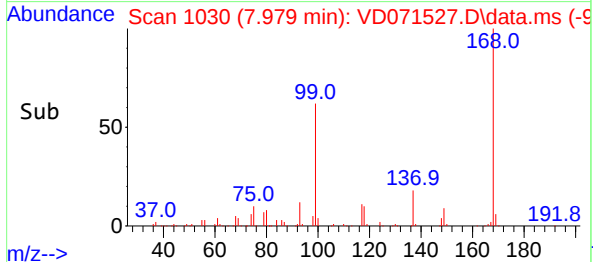
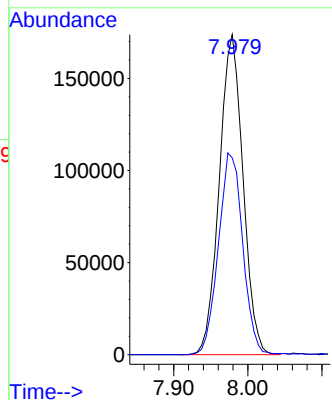
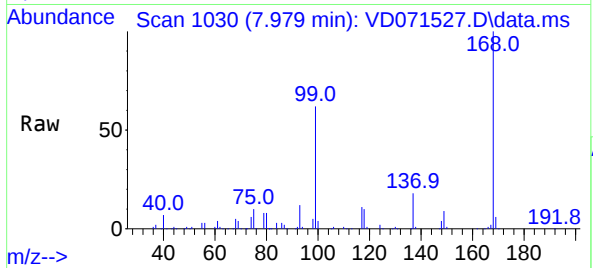




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

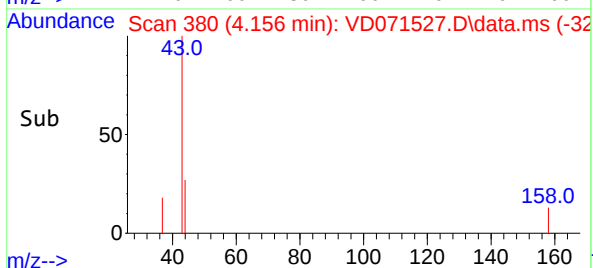
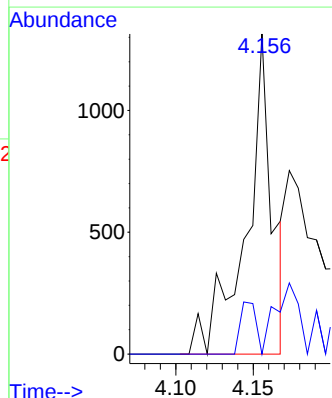
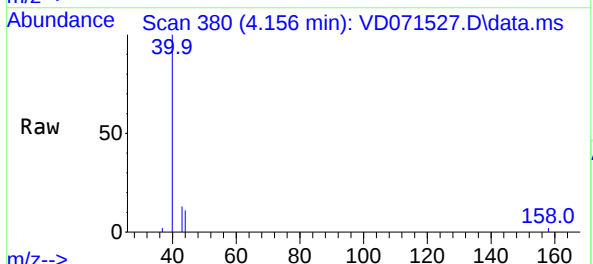
Instrument :
MSVOA_D
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HD-02-122321

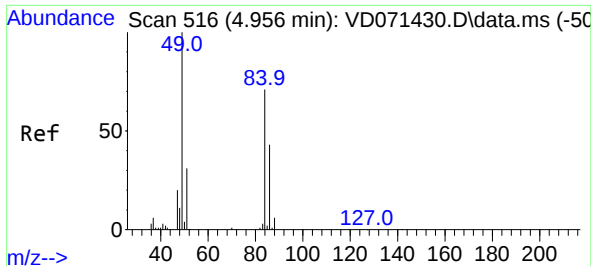
Tgt Ion:168 Resp: 386310
Ion Ratio Lower Upper
168 100
99 61.5 46.6 69.8



#16
Acetone
Concen: 1.183 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

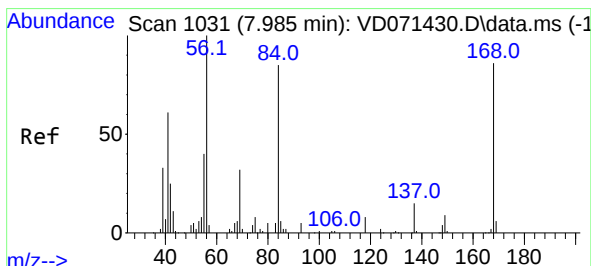
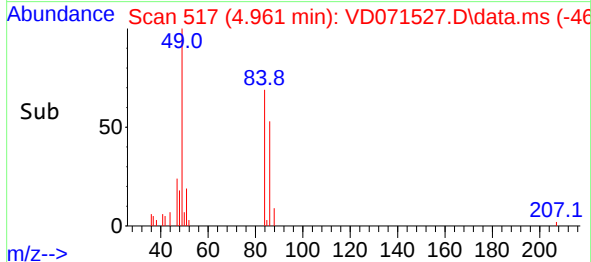
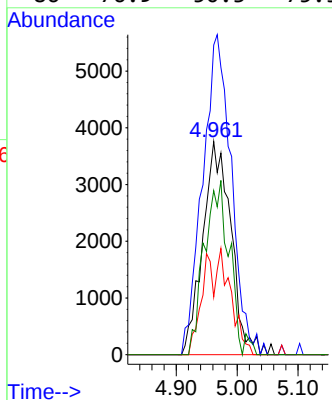
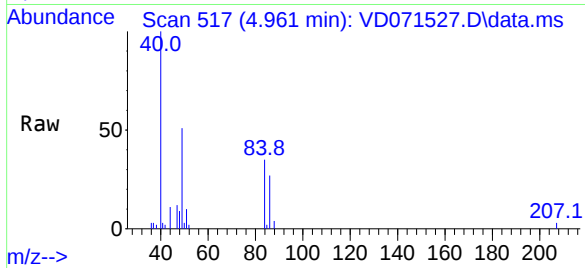




#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

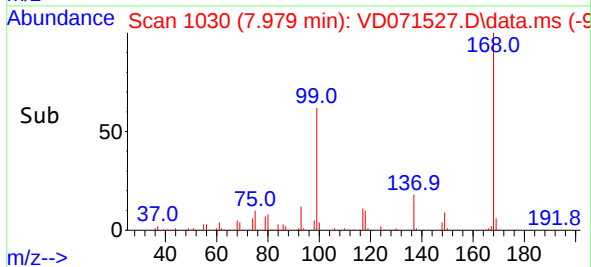
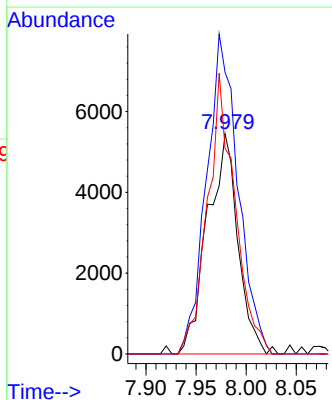
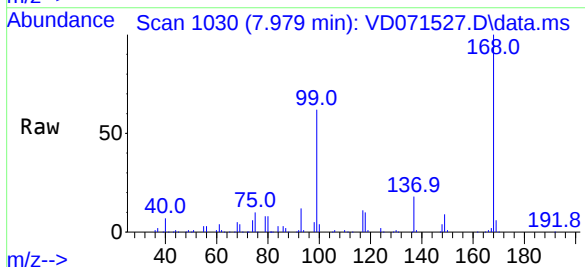
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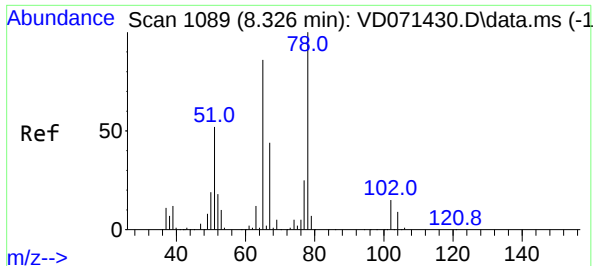
Tgt Ion: 84 Resp: 12163
Ion Ratio Lower Upper
84 100
49 145.2 95.8 143.6#
51 27.1 30.9 46.3#
86 76.9 50.3 75.5#



#31
Cyclohexane
Concen: 1.325 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

Tgt Ion: 56 Resp: 11551
Ion Ratio Lower Upper
56 100
69 128.0 25.9 38.9#
84 93.3 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 43.536 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071527.D

Acq: 29 Dec 2021 14:29

Instrument :

MSVOA_D

ClientSampleId :

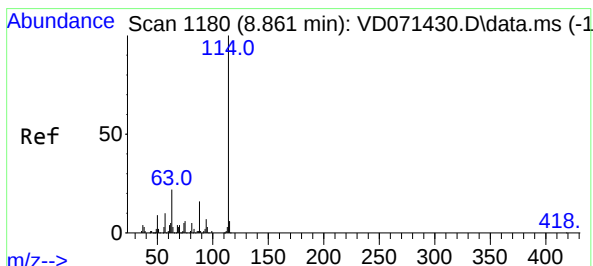
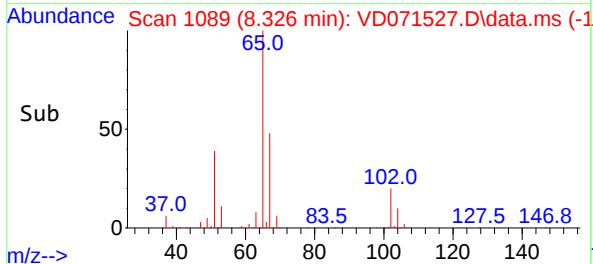
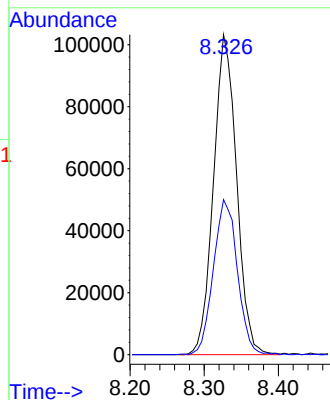
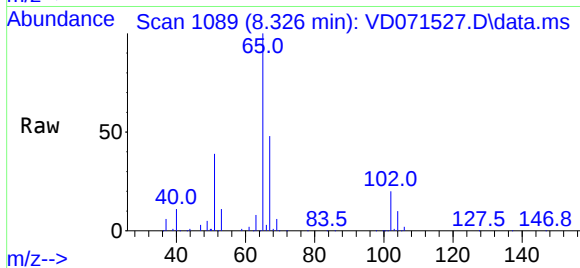
HD-02-122321

Tgt Ion: 65 Resp: 223364

Ion Ratio Lower Upper

65 100

67 50.4 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071527.D

Acq: 29 Dec 2021 14:29

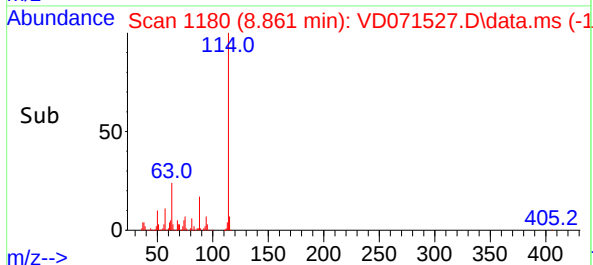
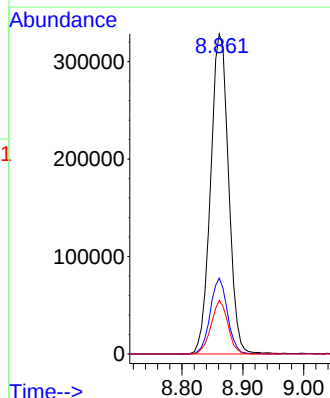
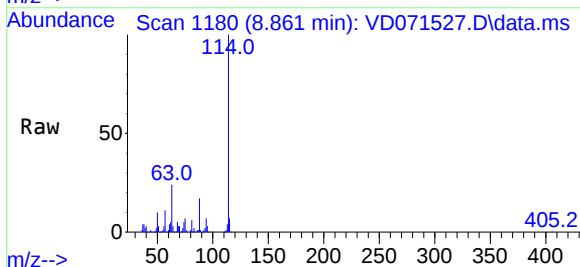
Tgt Ion: 114 Resp: 673155

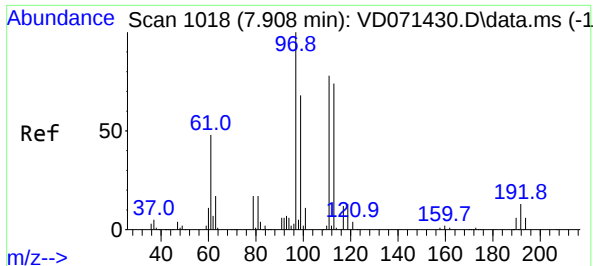
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.8

88 16.7 0.0 32.8

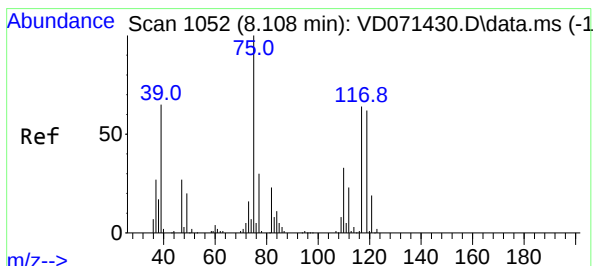
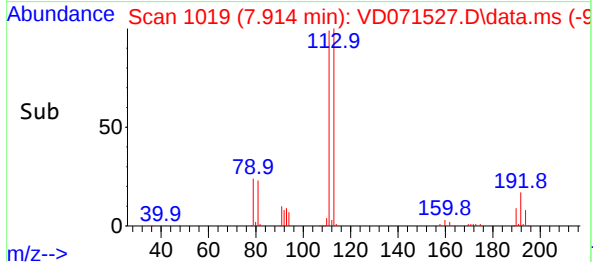
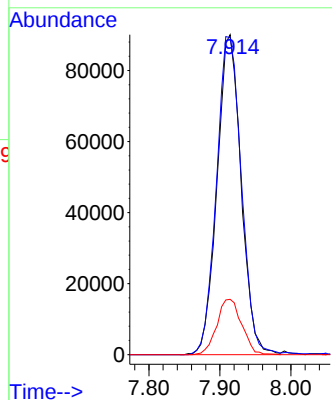
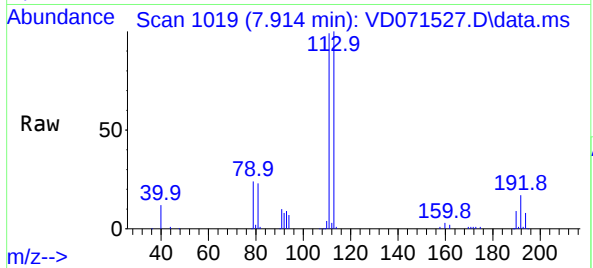




#35
Dibromofluoromethane
Concen: 46.755 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

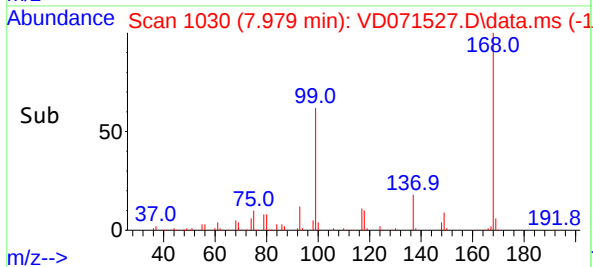
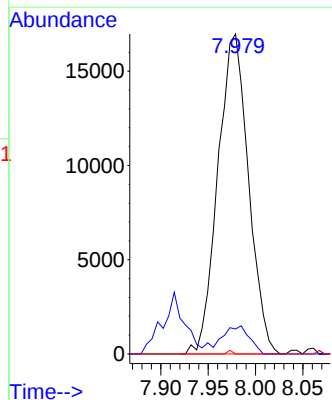
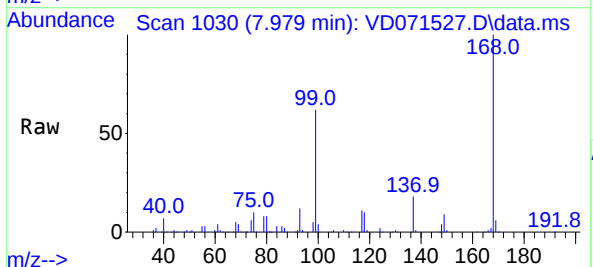
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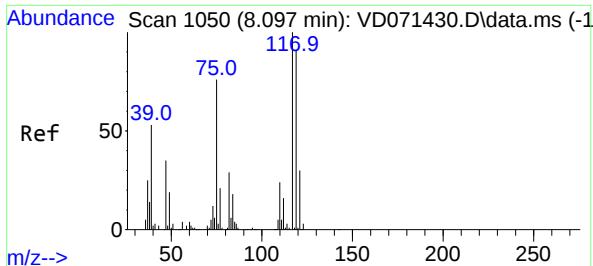
Tgt Ion:113 Resp: 211526
Ion Ratio Lower Upper
113 100
111 103.5 82.0 123.0
192 17.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.282 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

Tgt Ion: 75 Resp: 38177
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.4#
77 0.2 24.8 37.2#

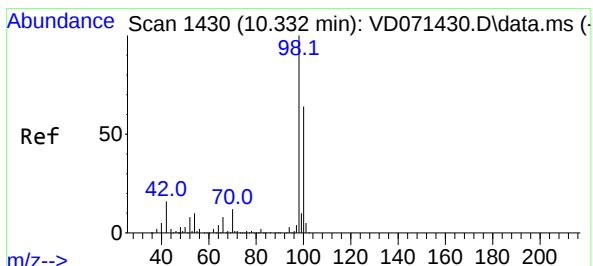
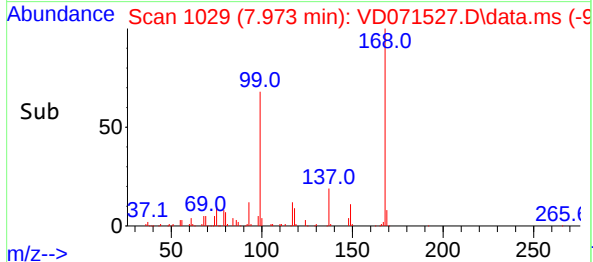
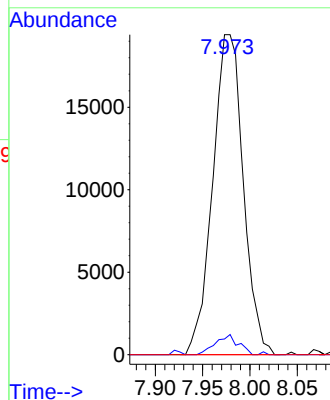
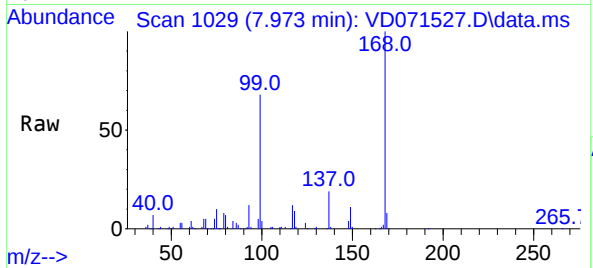




#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

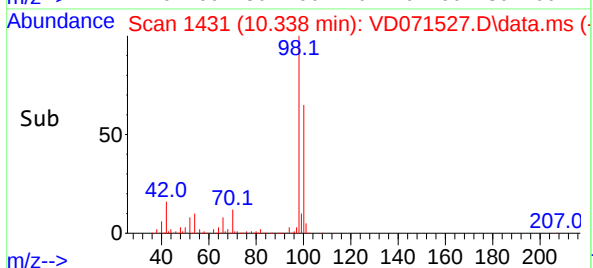
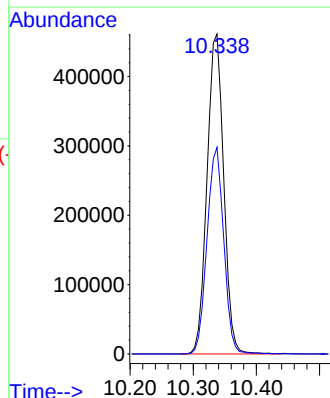
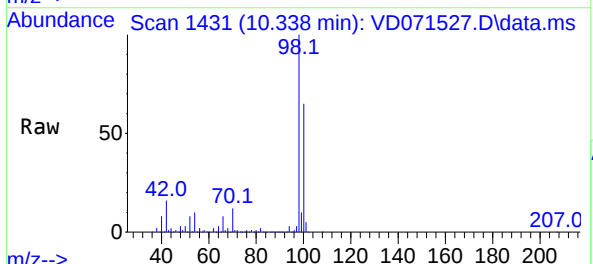
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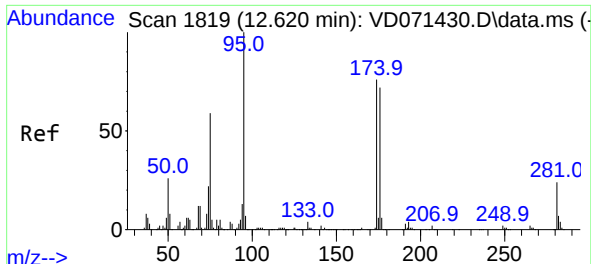
Tgt Ion:117 Resp: 43613
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.570 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

Tgt Ion: 98 Resp: 847480
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

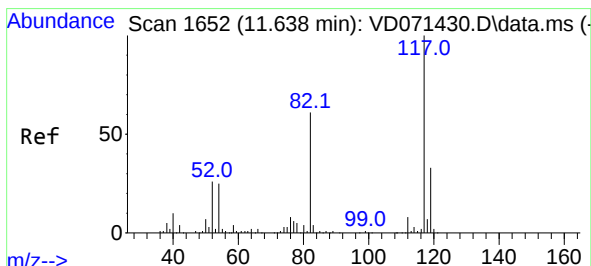
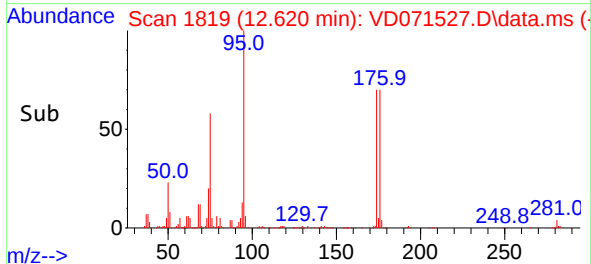
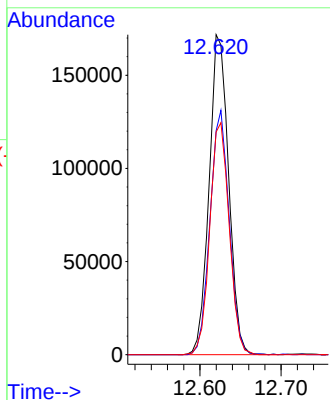
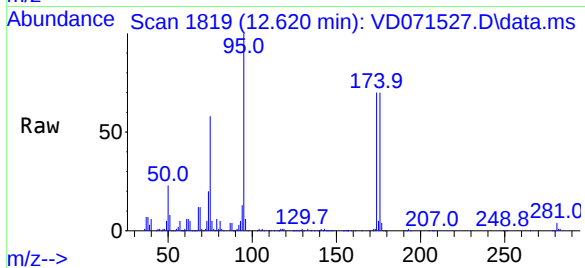




#62
4-Bromofluorobenzene
Concen: 47.120 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

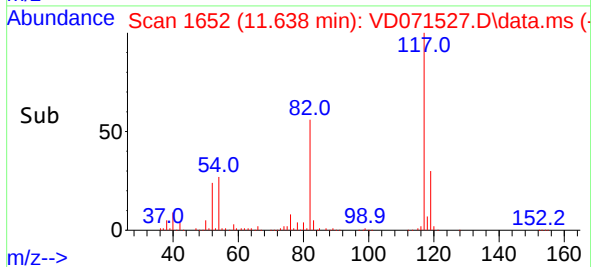
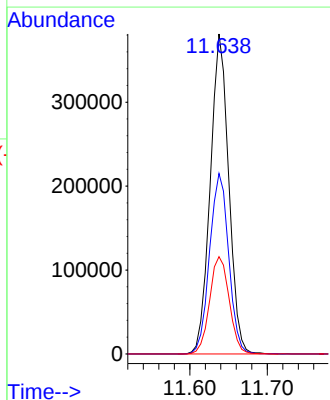
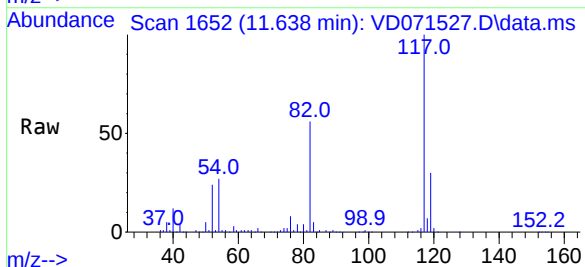
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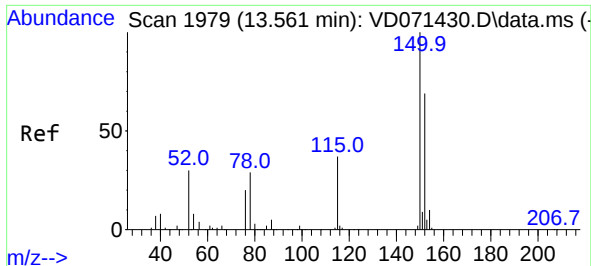
Tgt Ion: 95 Resp: 286271
Ion Ratio Lower Upper
95 100
174 75.2 0.0 159.4
176 72.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

Tgt Ion: 117 Resp: 630406
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 30.4 26.2 39.4

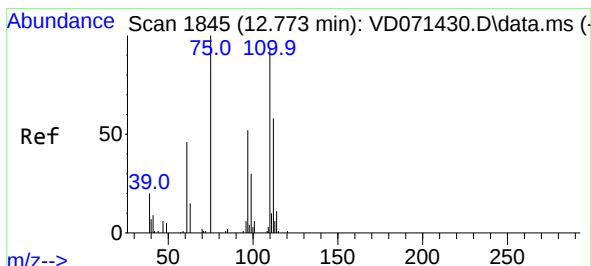
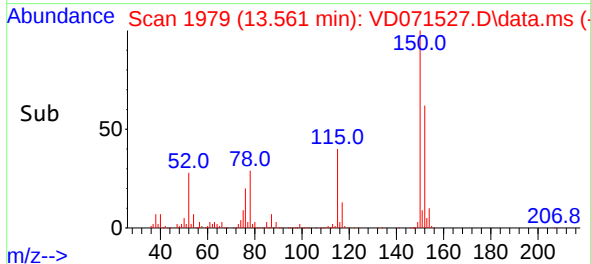
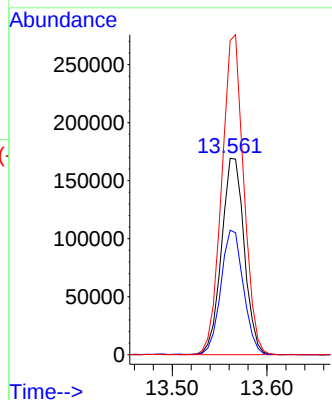
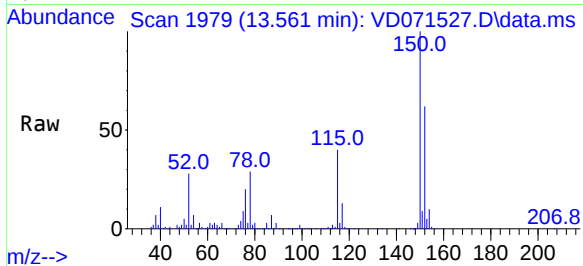




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

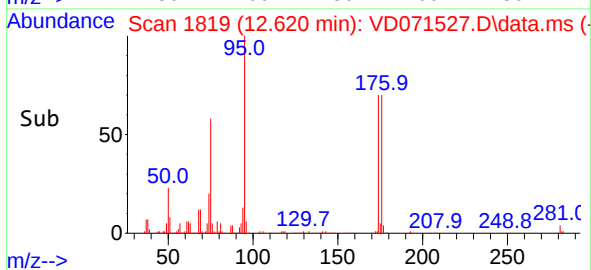
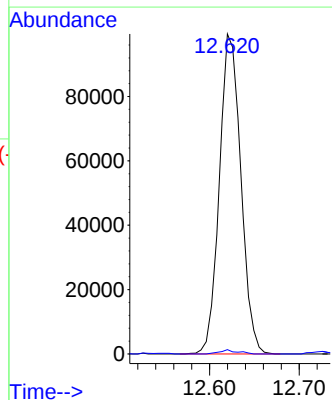
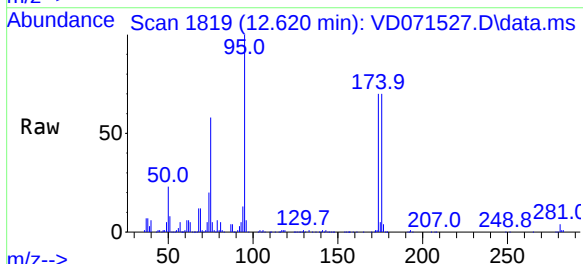
Instrument :
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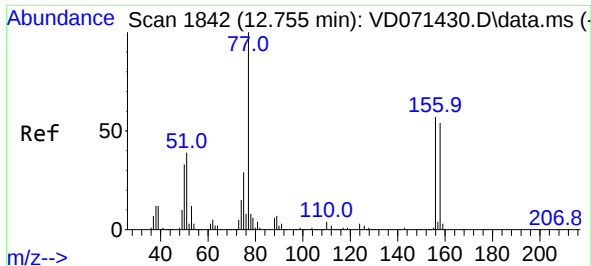
Tgt Ion:152 Resp: 282487
Ion Ratio Lower Upper
152 100
115 63.1 29.8 89.3
150 157.7 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 49.271 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

Tgt Ion: 75 Resp: 165377
Ion Ratio Lower Upper
75 100
77 1.1 158.4 475.3#

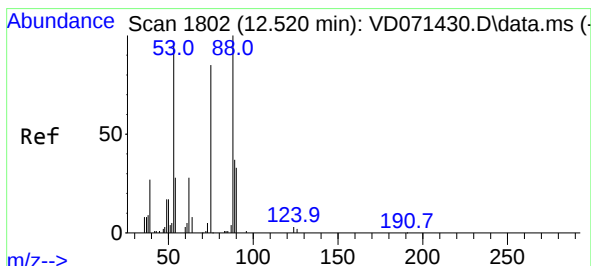
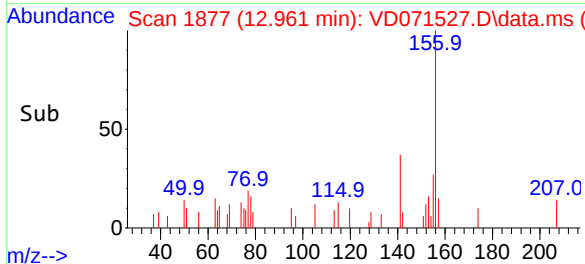
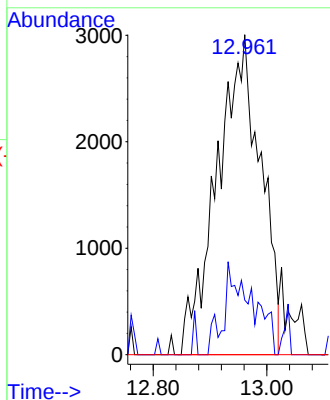
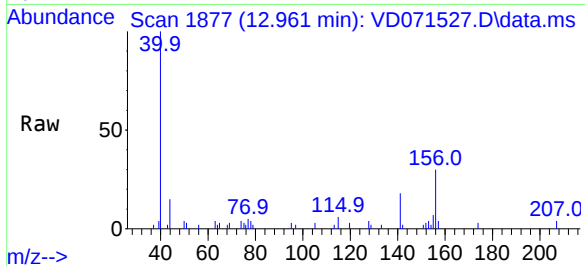




#77
Bromobenzene
Concen: 3.300 ug/l
RT: 12.961 min Scan# 1819
Delta R.T. 0.212 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

Instrument :
MSVOA_D
ClientSampleId :
HD-02-122321

Tgt Ion:156 Resp: 15994
Ion Ratio Lower Upper
156 100
77 0.0 96.6 289.8#
158 0.0 49.1 147.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.218 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071527.D
Acq: 29 Dec 2021 14:29

Tgt Ion: 75 Resp: 165377
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.2 34.5 51.7#

