

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072792.D
 Acq On : 04 May 2022 16:52
 Operator : VA/SY
 Sample : N2677-09
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6,7

Quant Time: May 05 01:38:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

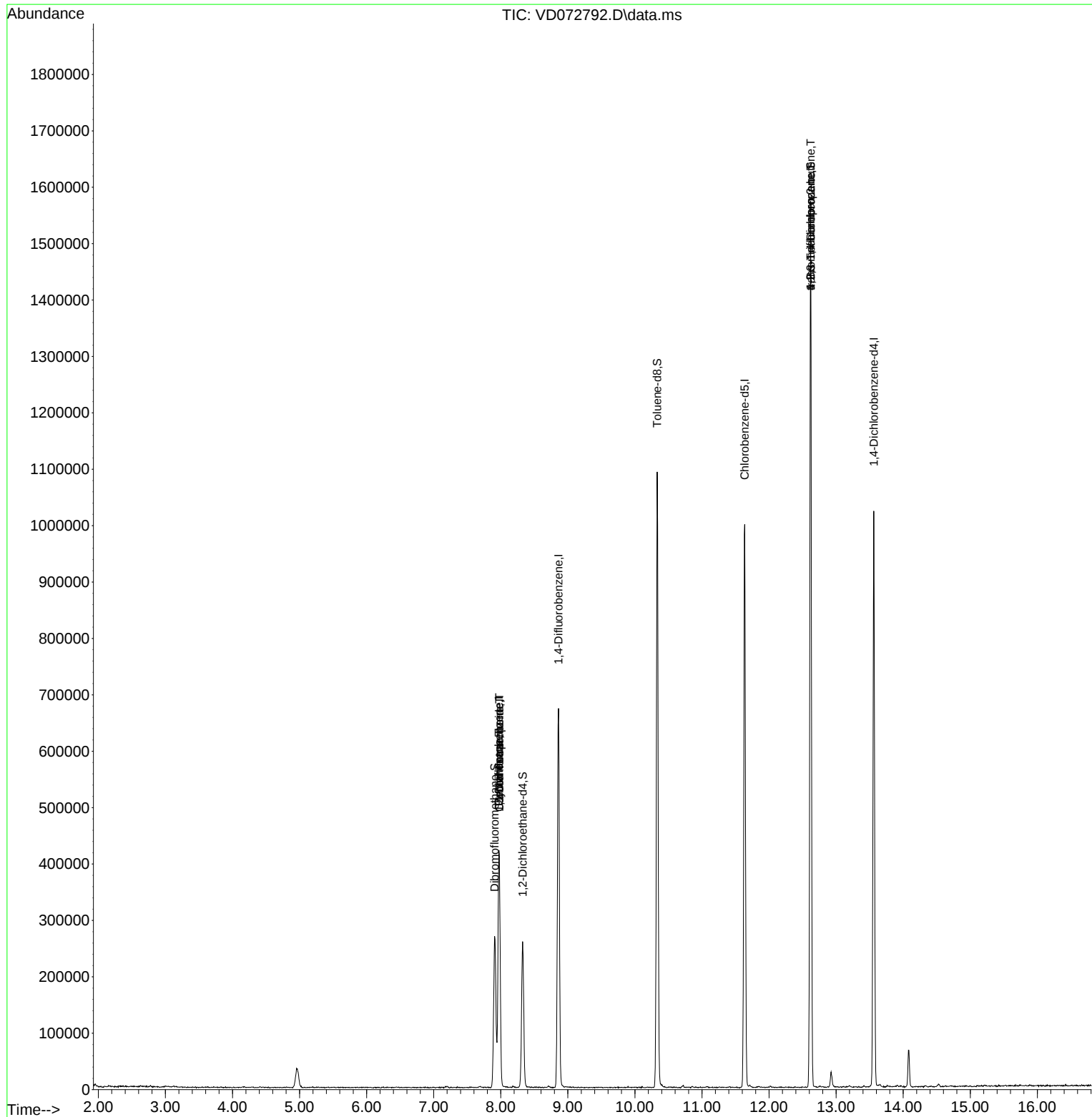
Internal Standards						
1) Pentafluorobenzene	7.973	168	305705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	576550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	567672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202659	51.070	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.140%		
35) Dibromofluoromethane	7.908	113	195640	48.316	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 96.640%		
50) Toluene-d8	10.332	98	712145	49.030	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 98.060%		
62) 4-Bromofluorobenzene	12.620	95	278752	51.469	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 102.940%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	774	Below Cal	#	73
16) Acetone	4.162	43	1862	Below Cal	#	89
18) Methyl Acetate	4.709	43	112	Below Cal	#	55
20) Methylene Chloride	4.967	84	26572	Below Cal		89
31) Cyclohexane	7.973	56	7387	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	26930	4.090	ug/l #	50
38) Carbon Tetrachloride	7.979	117	34361	5.027	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	154630	53.796	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	154630	123.709	ug/l #	8

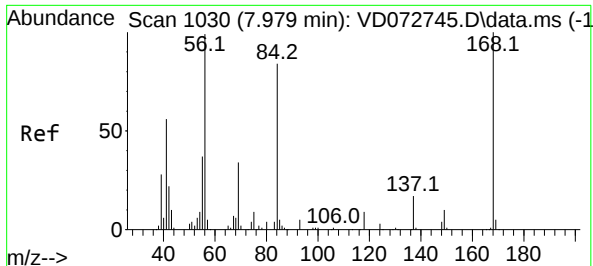
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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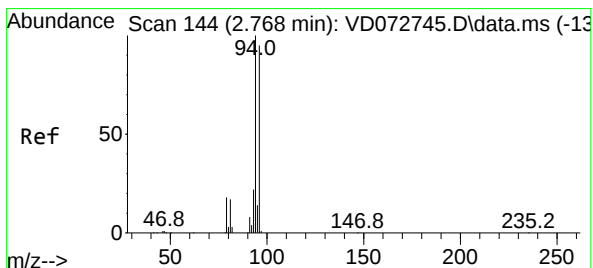
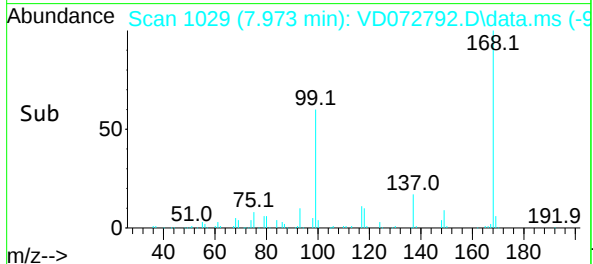
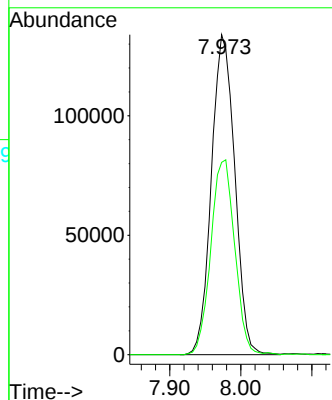
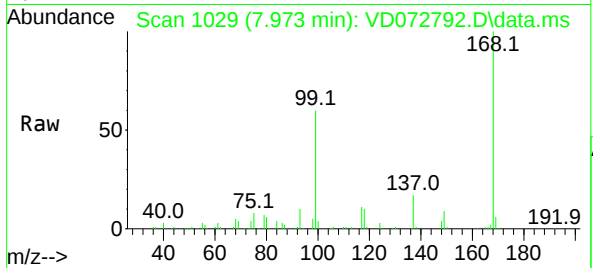




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

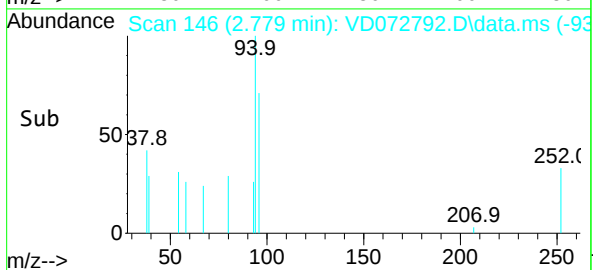
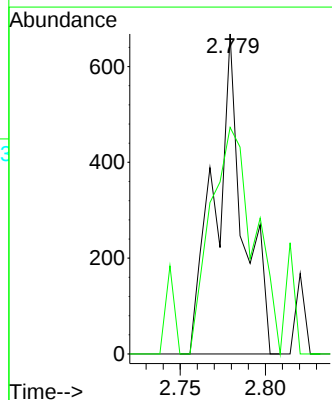
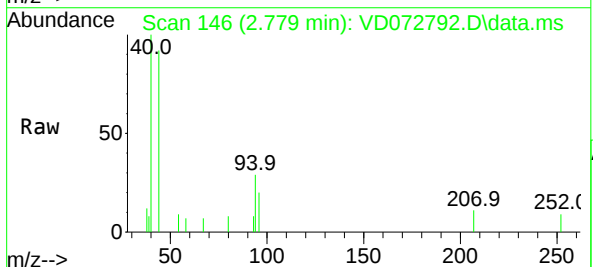
Instrument :
MSVOA_D
ClientSampleId :
SB-6,7

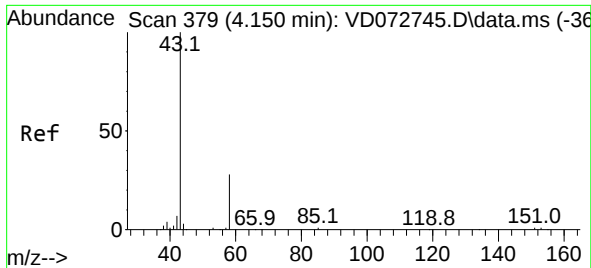
Tgt Ion:168 Resp: 305705
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

Tgt Ion: 94 Resp: 774
Ion Ratio Lower Upper
94 100
96 70.8 77.6 116.4#

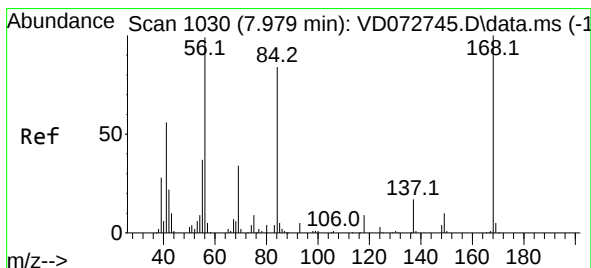
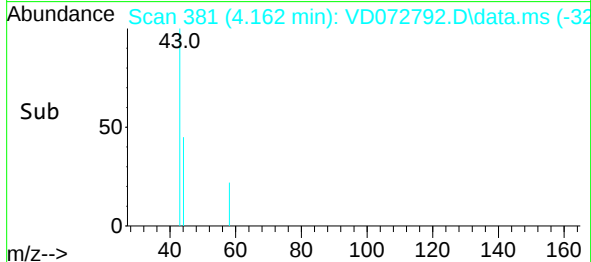
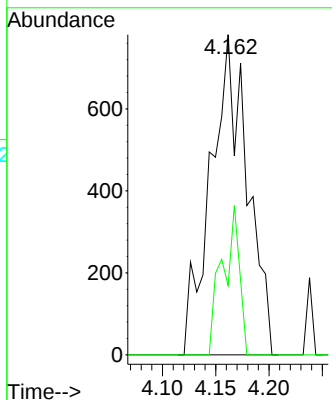
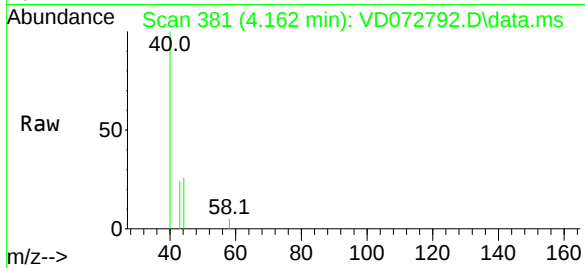




#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

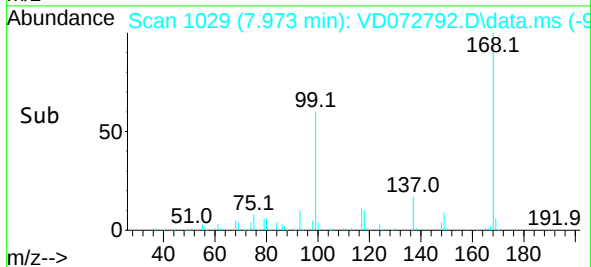
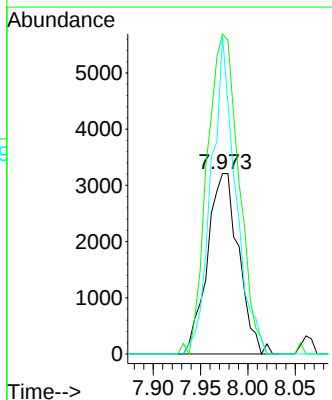
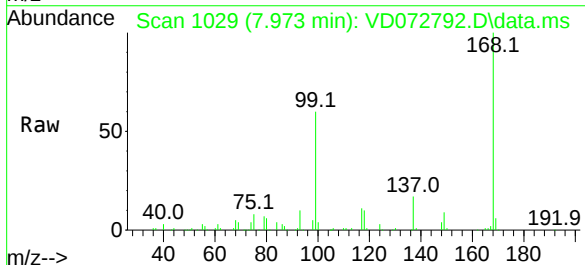
Instrument :
MSVOA_D
ClientSampleId :
SB-6,7

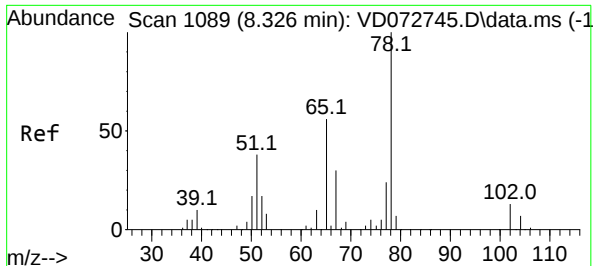
Tgt Ion: 43 Resp: 1862
Ion Ratio Lower Upper
43 100
58 21.6 22.1 33.1#



#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

Tgt Ion: 56 Resp: 7387
Ion Ratio Lower Upper
56 100
69 177.3 25.4 38.2#
84 175.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.070 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072792.D

Acq: 04 May 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

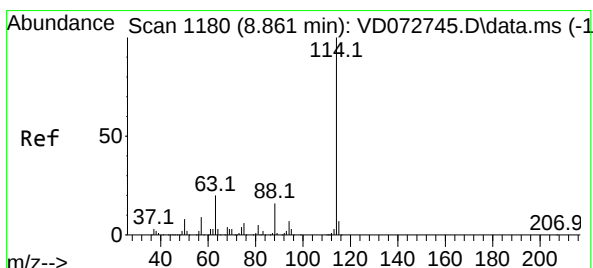
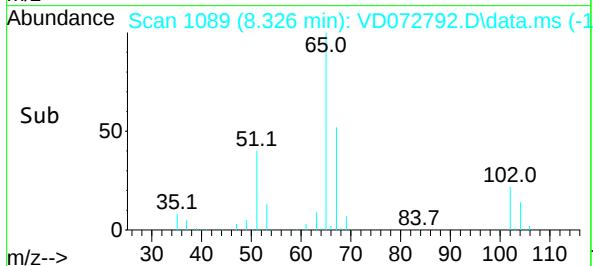
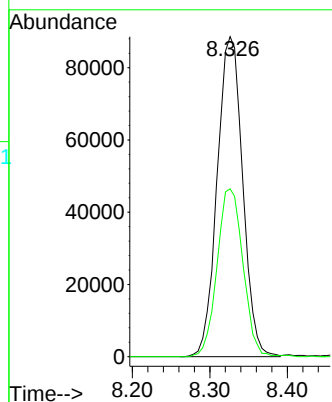
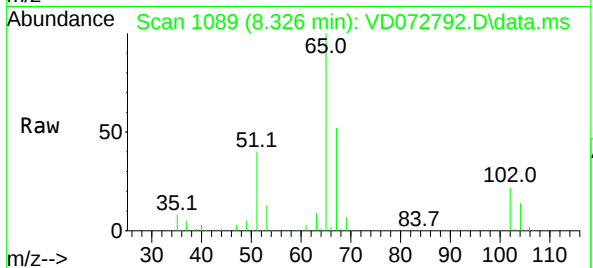
SB-6,7

Tgt Ion: 65 Resp: 202659

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072792.D

Acq: 04 May 2022 16:52

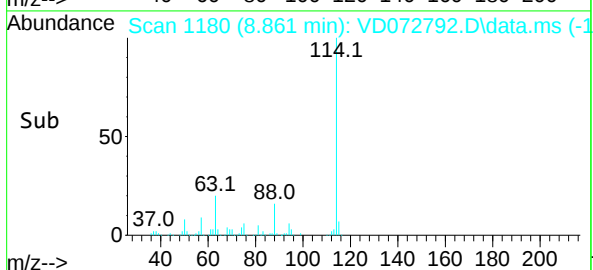
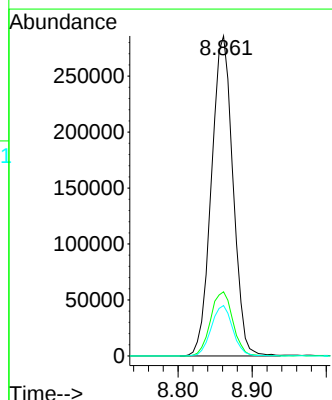
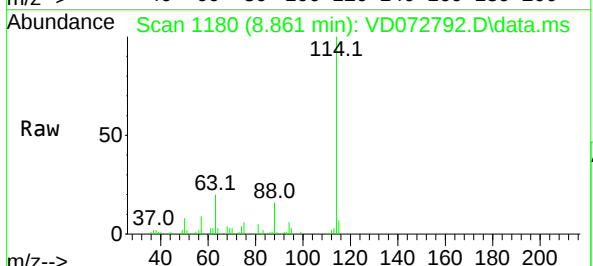
Tgt Ion: 114 Resp: 576550

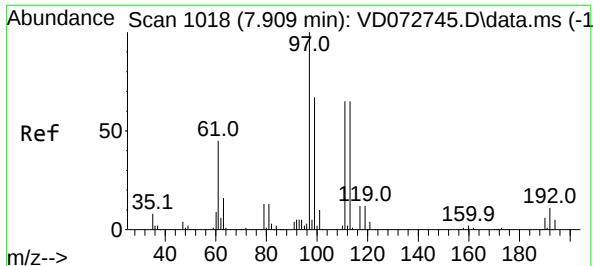
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.316 ug/l

RT: 7.908 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD072792.D

Acq: 04 May 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

SB-6,7

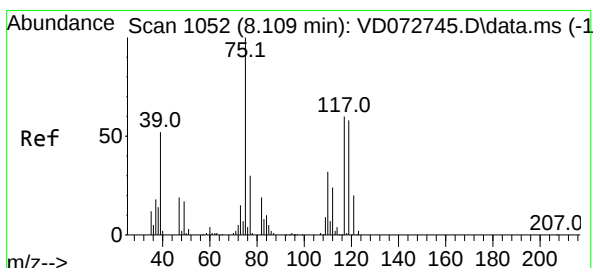
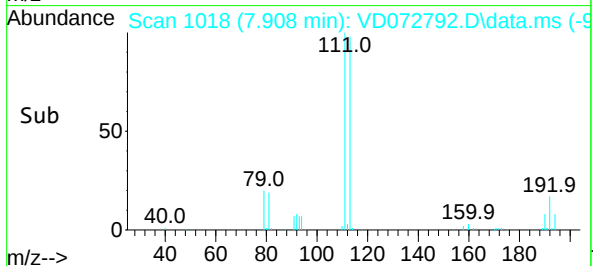
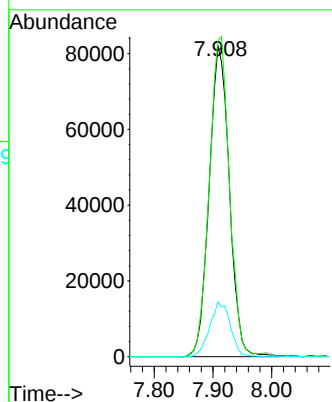
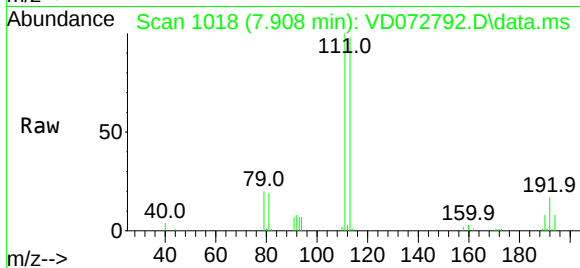
Tgt Ion:113 Resp: 195640

Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.090 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD072792.D

Acq: 04 May 2022 16:52

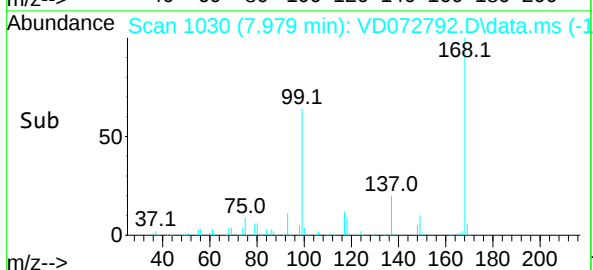
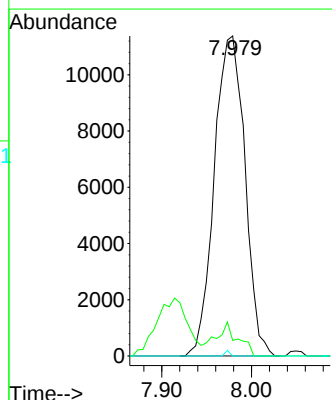
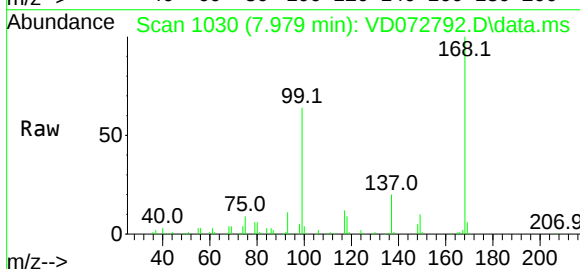
Tgt Ion: 75 Resp: 26930

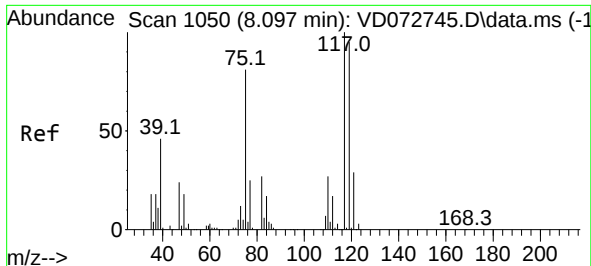
Ion Ratio Lower Upper

75 100

110 7.7 16.4 49.1#

77 0.3 24.2 36.2#

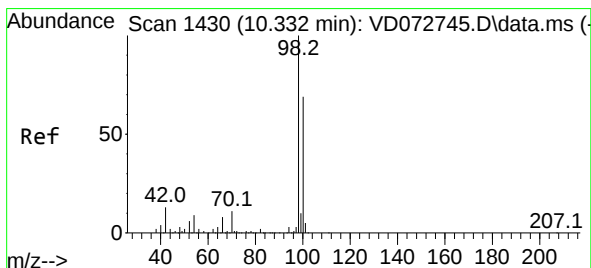
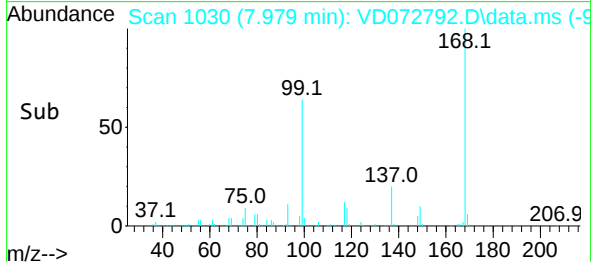
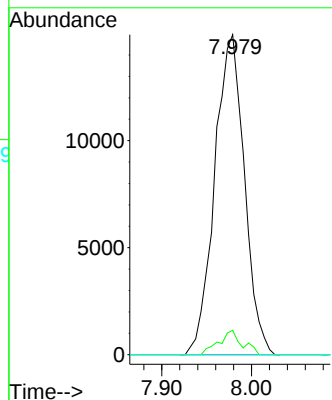
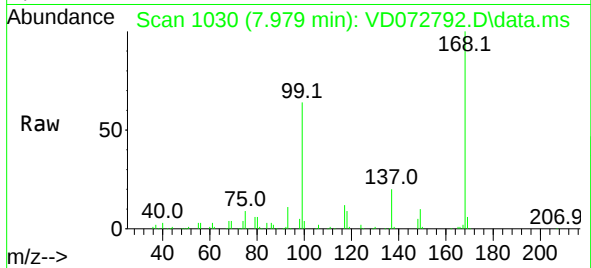




#38
Carbon Tetrachloride
Concen: 5.027 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

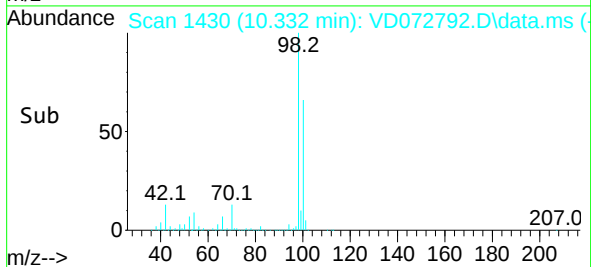
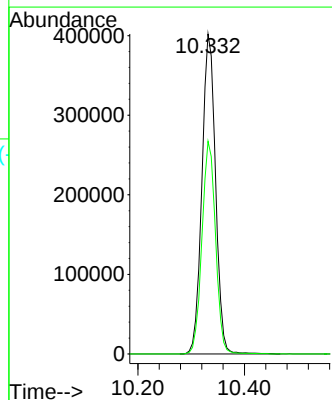
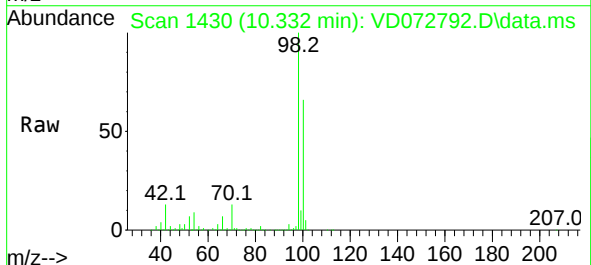
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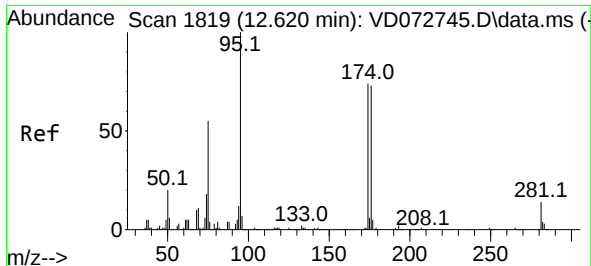
Tgt Ion:117 Resp: 34361
Ion Ratio Lower Upper
117 100
119 7.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.030 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

Tgt Ion: 98 Resp: 712145
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

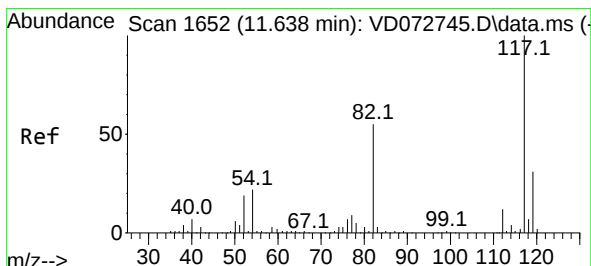
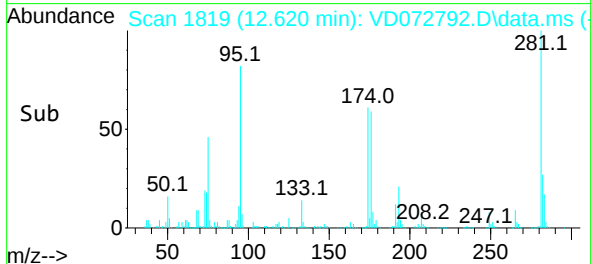
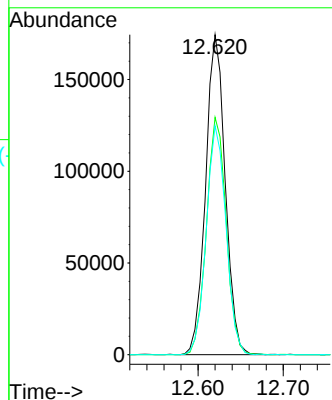
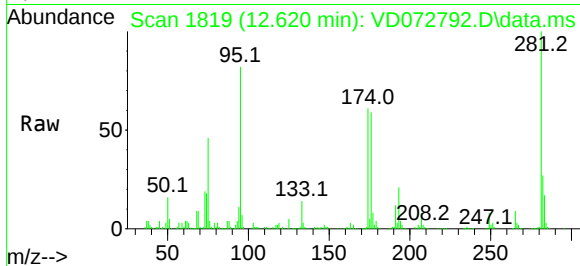




#62
4-Bromofluorobenzene
Concen: 51.469 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

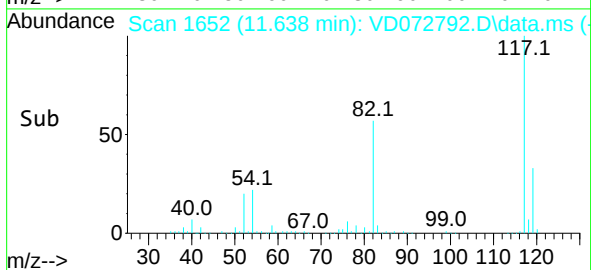
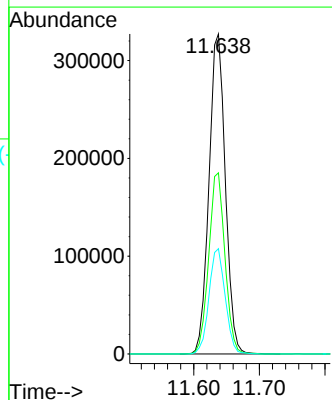
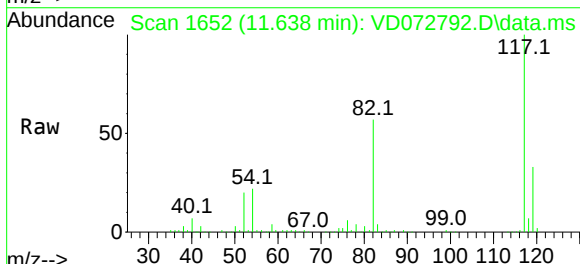
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MSVOA_D
ClientSampleId :
SB-6,7

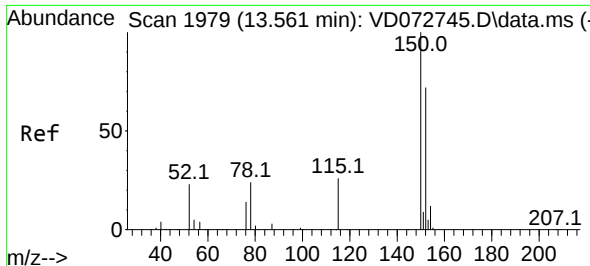
Tgt Ion: 95 Resp: 278752
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 71.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

Tgt Ion: 117 Resp: 567672
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.9 26.6 40.0

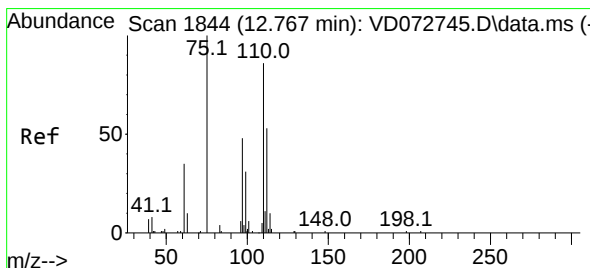
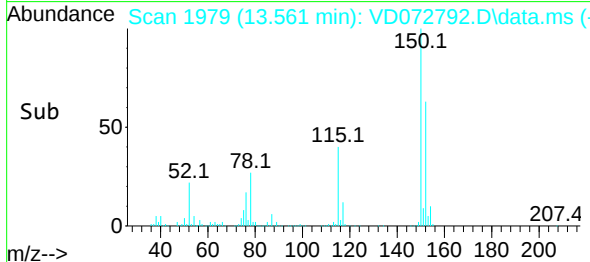
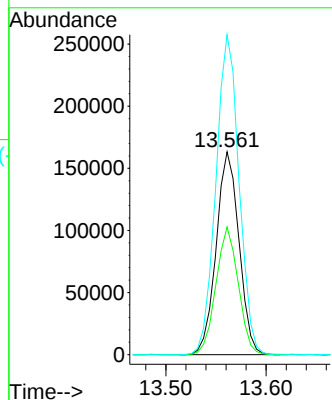
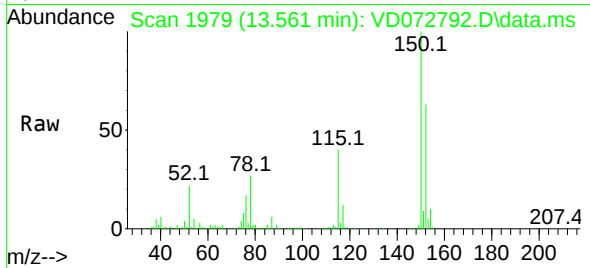




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072792.D
 Acq: 04 May 2022 16:52

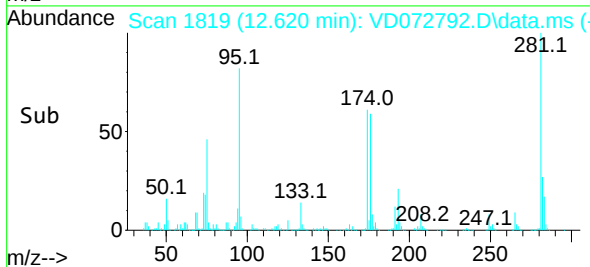
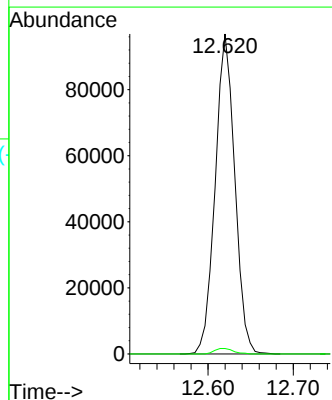
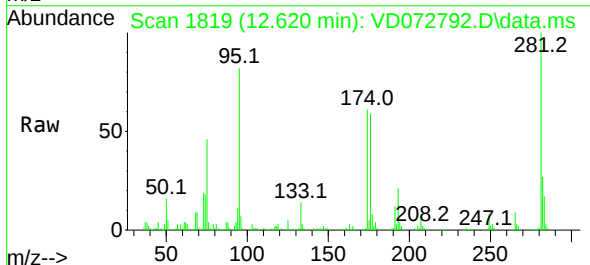
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6,7

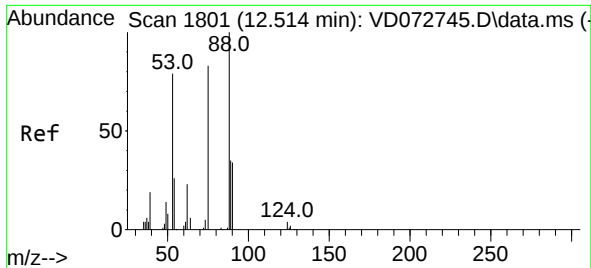
Tgt Ion:152 Resp: 257777
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.3 93.8
 150 160.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 53.796 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072792.D
 Acq: 04 May 2022 16:52

Tgt Ion: 75 Resp: 154630
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.709 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072792.D
 Acq: 04 May 2022 16:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6,7

Tgt Ion: 75 Resp: 154630
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 1.9 33.9 50.9#

