

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072775.D
 Acq On : 03 May 2022 18:44
 Operator : VA/SY
 Sample : N2659-04
 Misc : 5.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 22L097-D

Quant Time: May 04 01:27:56 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)

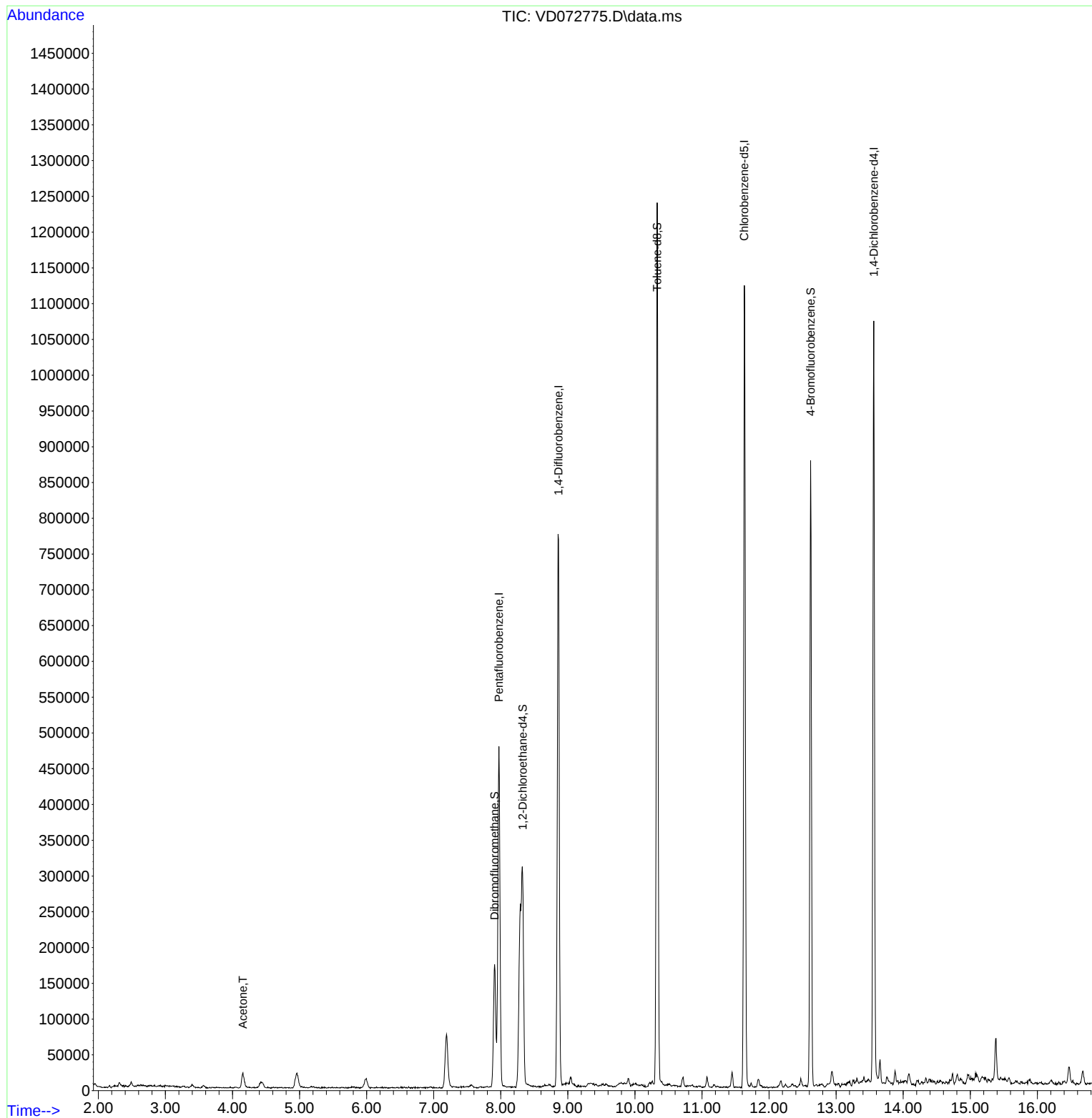
Internal Standards						
1) Pentafluorobenzene	7.973	168	337235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	644977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	228602	52.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.440%
35) Dibromofluoromethane	7.908	113	126660	27.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	54.380%
50) Toluene-d8	10.332	98	798005	47.762	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.620	95	286972	46.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.120%
Target Compounds						
16) Acetone	4.156	43	34798	30.213	ug/l	Qvalue 93

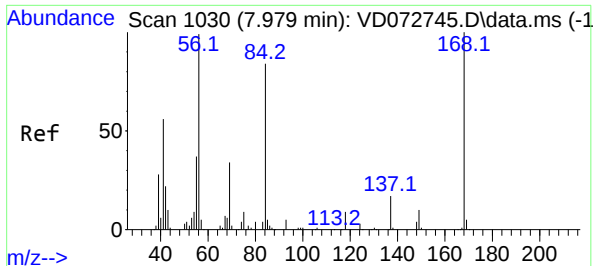
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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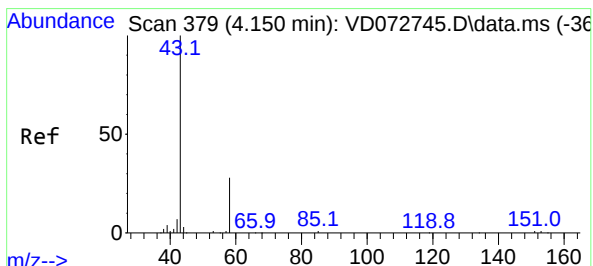
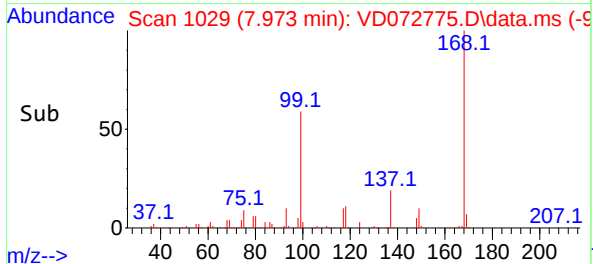
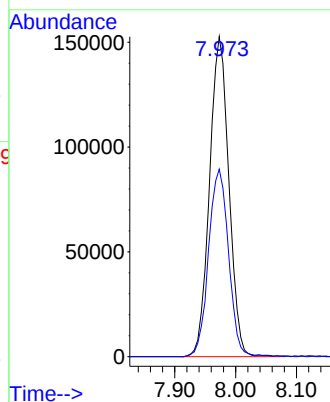
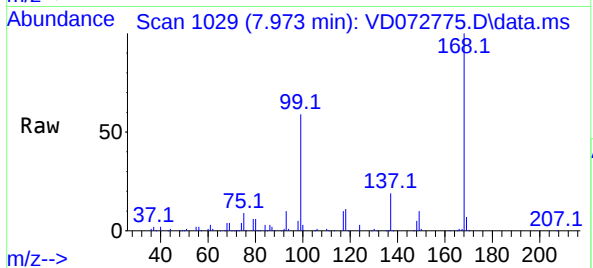




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072775.D
Acq: 03 May 2022 18:44

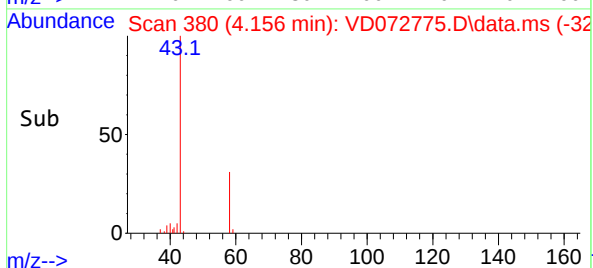
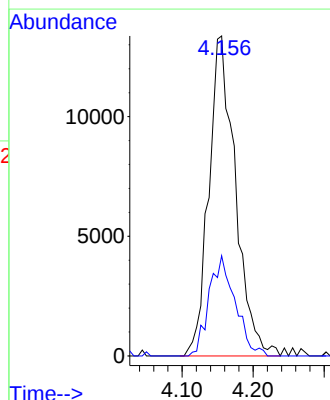
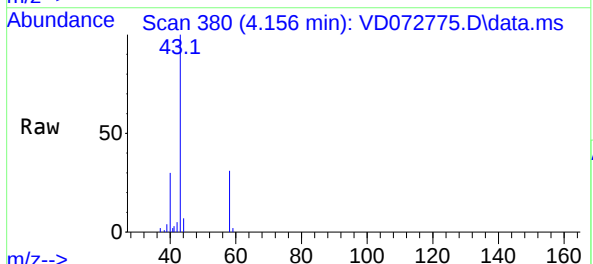
Instrument :
MSVOA_D
ClientSampleId :
22L097-D

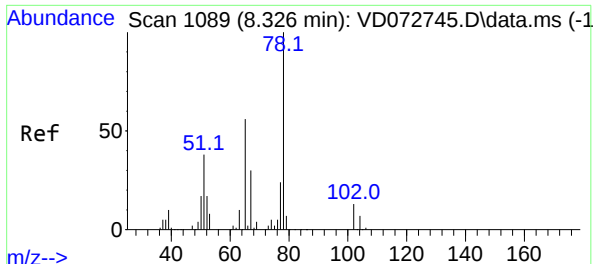
Tgt Ion:168 Resp: 337235
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#16
Acetone
Concen: 30.213 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072775.D
Acq: 03 May 2022 18:44

Tgt Ion: 43 Resp: 34798
Ion Ratio Lower Upper
43 100
58 31.3 22.1 33.1

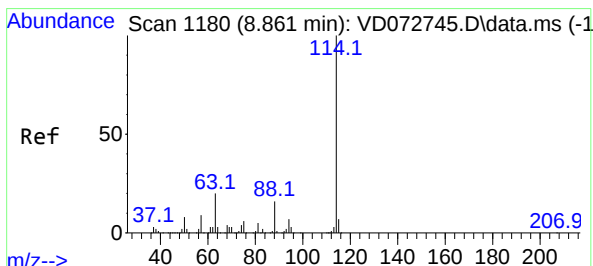
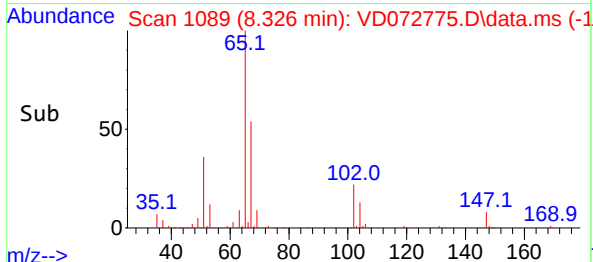
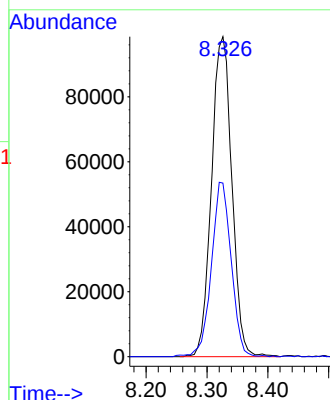
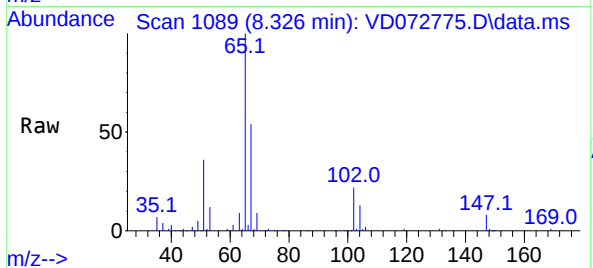




#33
1,2-Dichloroethane-d4
Concen: 52.221 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072775.D
Acq: 03 May 2022 18:44

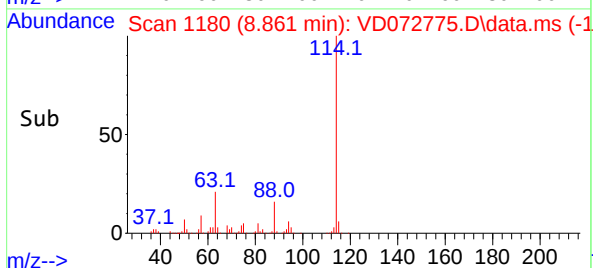
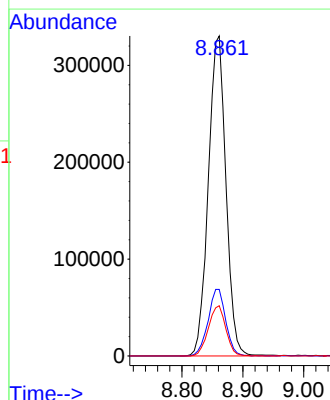
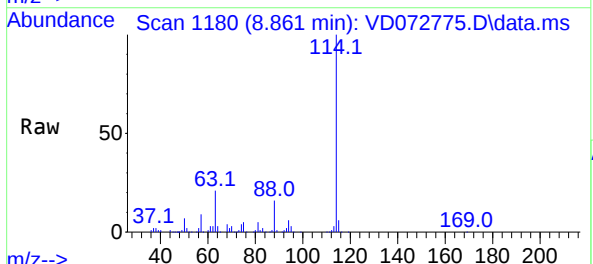
Instrument :
MSVOA_D
ClientSampleId :
22L097-D

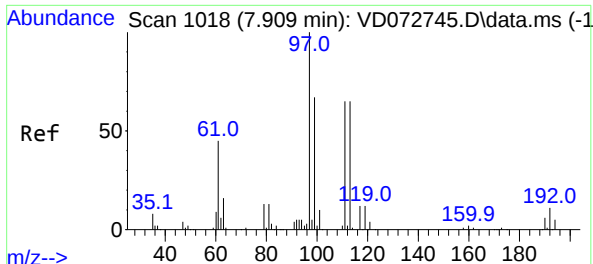
Tgt Ion: 65 Resp: 228602
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072775.D
Acq: 03 May 2022 18:44

Tgt Ion: 114 Resp: 663209
Ion Ratio Lower Upper
114 100
63 20.8 0.0 46.6
88 15.7 0.0 33.2

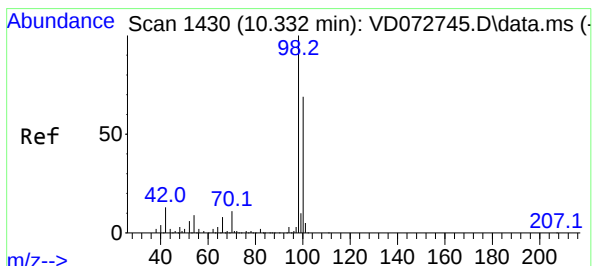
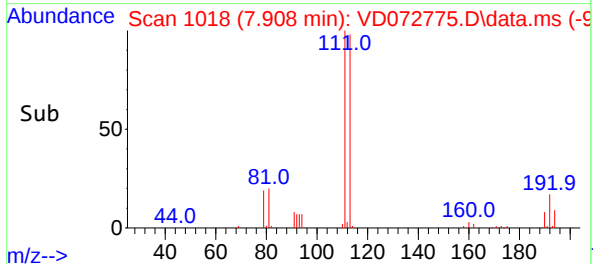
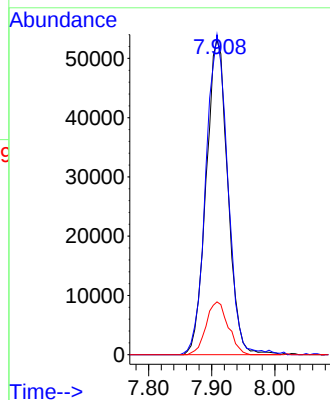
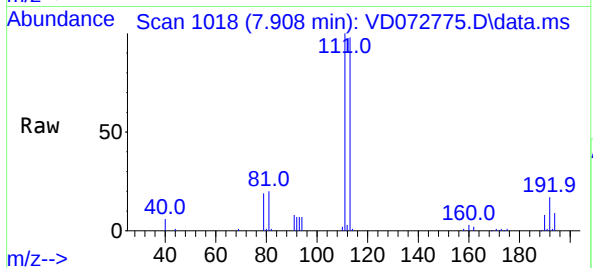




#35
Dibromofluoromethane
Concen: 27.193 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072775.D
Acq: 03 May 2022 18:44

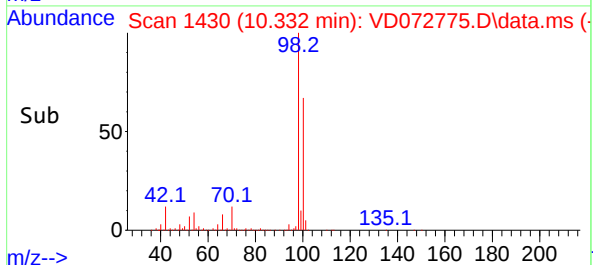
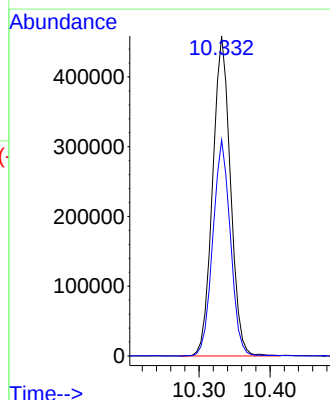
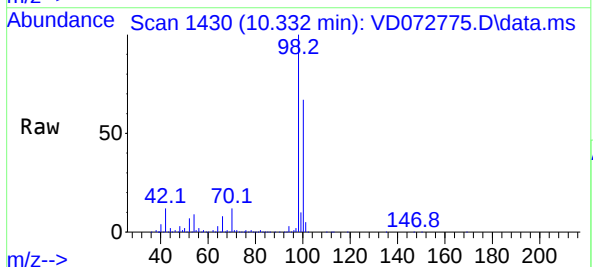
Instrument :
MSVOA_D
ClientSampleId :
22L097-D

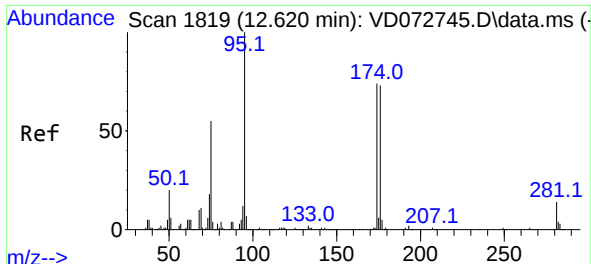
Tgt Ion:113 Resp: 126660
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.1 14.6 21.8



#50
Toluene-d8
Concen: 47.762 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072775.D
Acq: 03 May 2022 18:44

Tgt Ion: 98 Resp: 798005
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

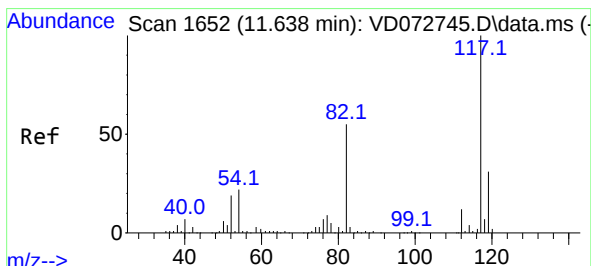
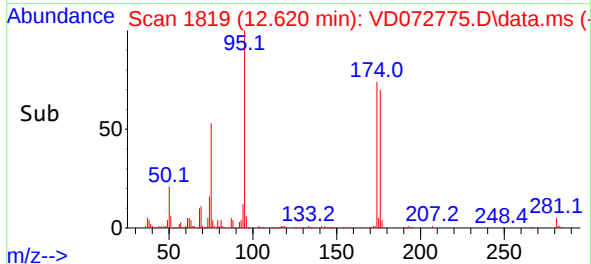
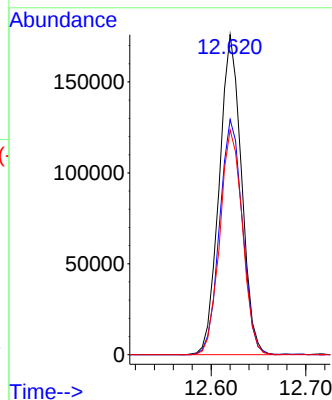
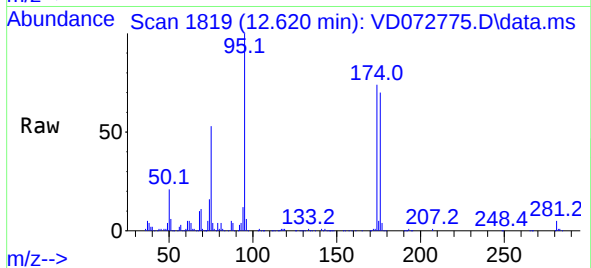




#62
4-Bromofluorobenzene
Concen: 46.063 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072775.D
Acq: 03 May 2022 18:44

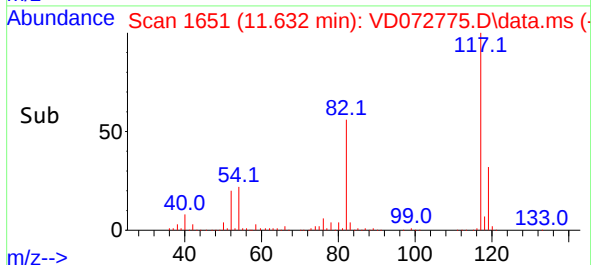
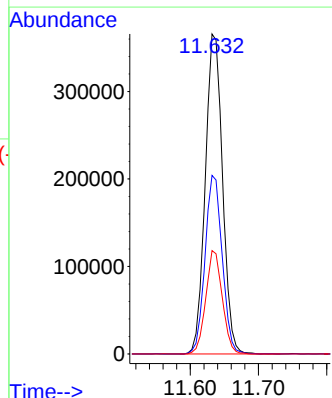
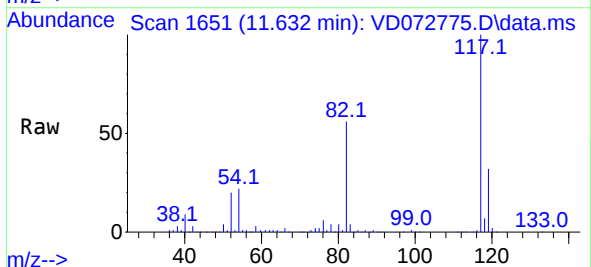
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ClientSampleId :
22L097-D

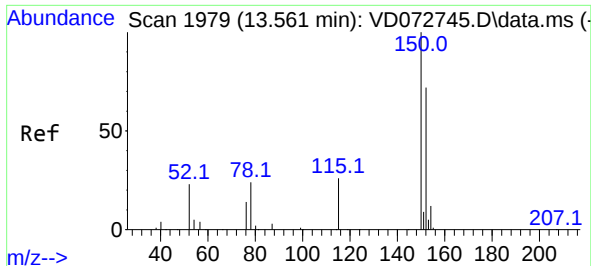
Tgt Ion: 95 Resp: 286972
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 71.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072775.D
Acq: 03 May 2022 18:44

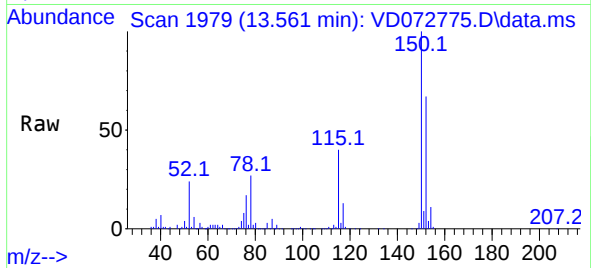
Tgt Ion: 117 Resp: 644977
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.3 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072775.D
 Acq: 03 May 2022 18:44

Instrument :
 MSVOA_D
 ClientSampleId :
 22L097-D



Tgt Ion:152 Resp: 278162

Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.3	93.8
150	154.4	0.0	348.6

