

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072808.D
 Acq On : 05 May 2022 14:18
 Operator : VA/SY
 Sample : N2672-01
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 01

Quant Time: May 06 03:48:48 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)

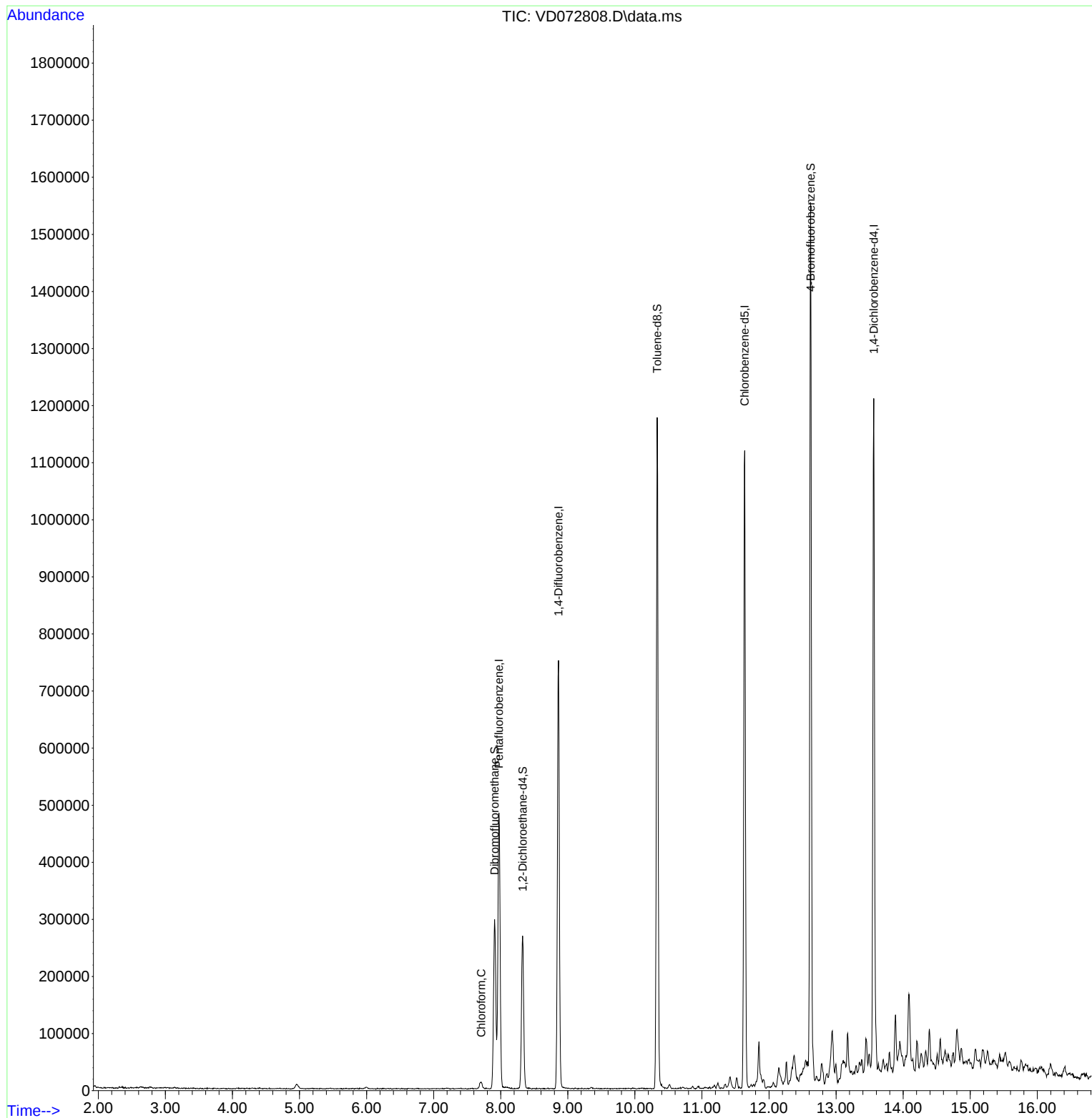
Internal Standards						
1) Pentafluorobenzene	7.973	168	347116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	631330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	634131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	311143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212558	47.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.340%
35) Dibromofluoromethane	7.908	113	216244	48.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.540%
50) Toluene-d8	10.332	98	775035	48.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.620	95	314924	53.103	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.200%
Target Compounds						
					Qvalue	
30) Chloroform	7.708	83	11050	1.169	ug/l	98

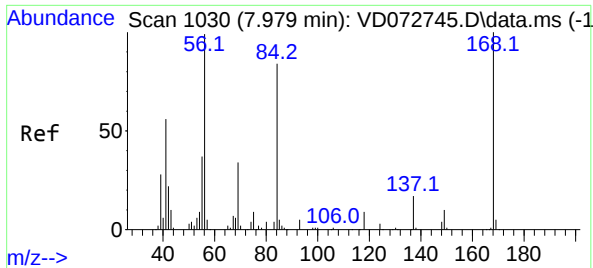
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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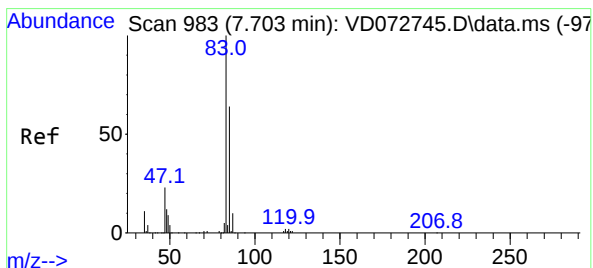
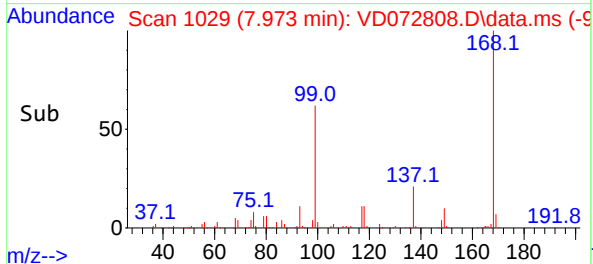
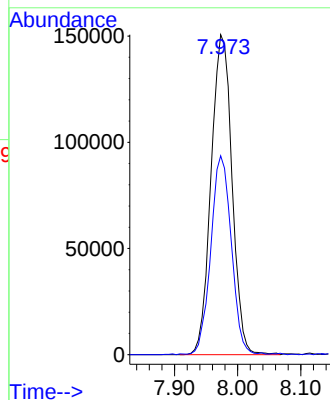
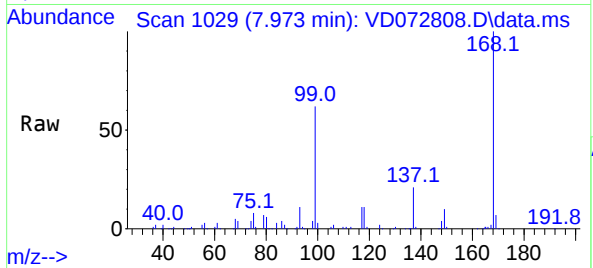




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

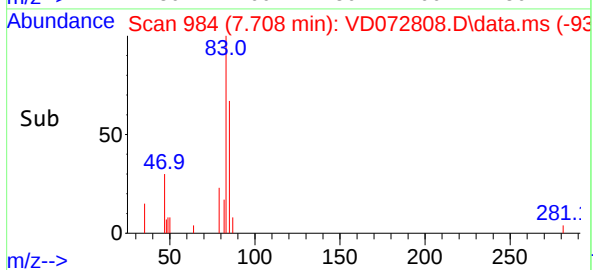
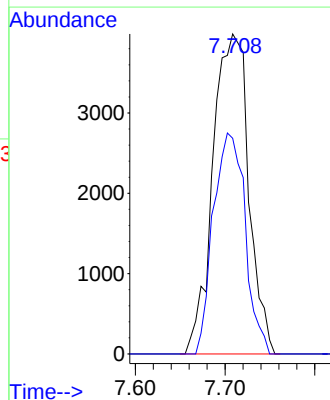
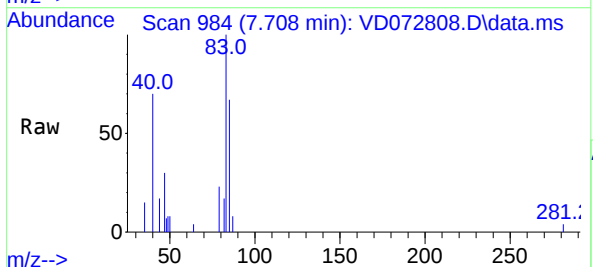
Instrument :
MSVOA_D
ClientSampleId :
01

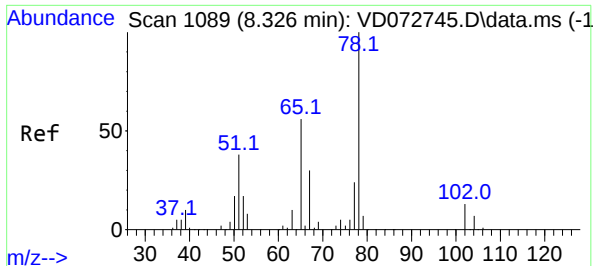
Tgt Ion:168 Resp: 347116
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#30
Chloroform
Concen: 1.169 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.005 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

Tgt Ion: 83 Resp: 11050
Ion Ratio Lower Upper
83 100
85 67.4 52.7 79.1

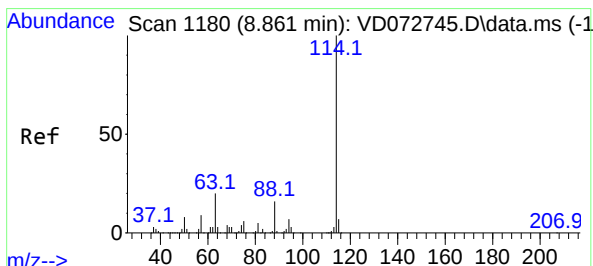
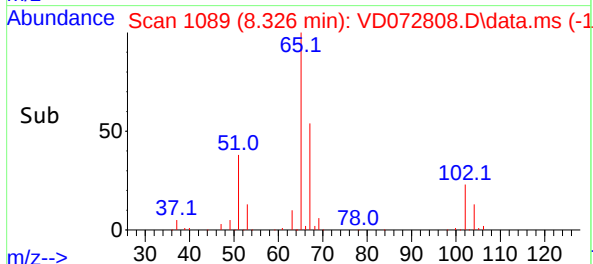
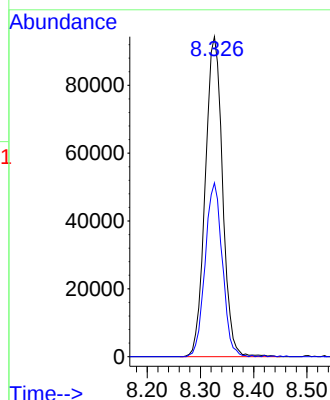
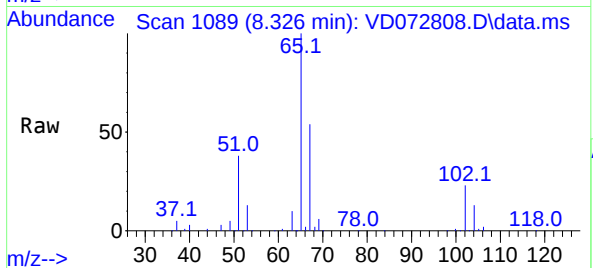




#33
1,2-Dichloroethane-d4
Concen: 47.174 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

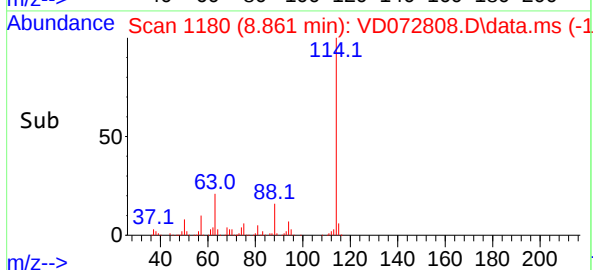
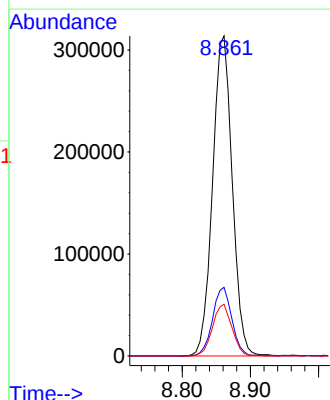
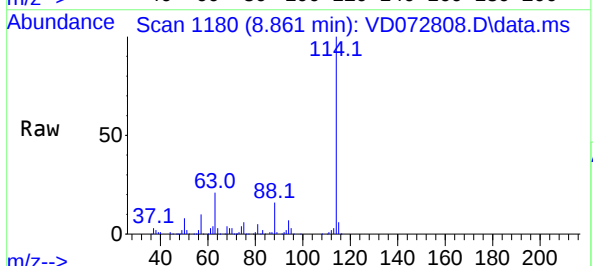
Instrument :
MSVOA_D
ClientSampleId :
01

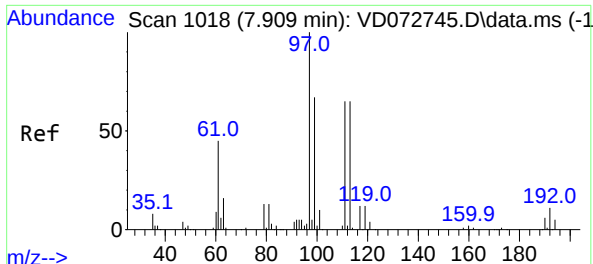
Tgt Ion: 65 Resp: 212558
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

Tgt Ion: 114 Resp: 631330
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.6
88 16.2 0.0 33.2

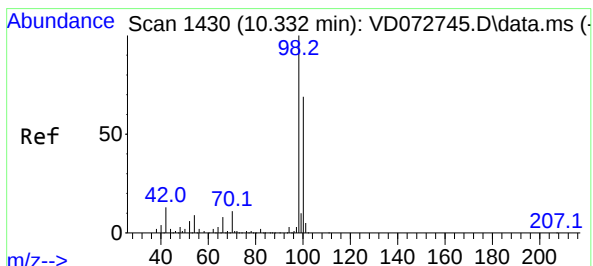
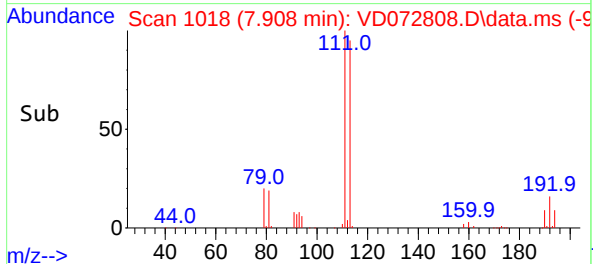
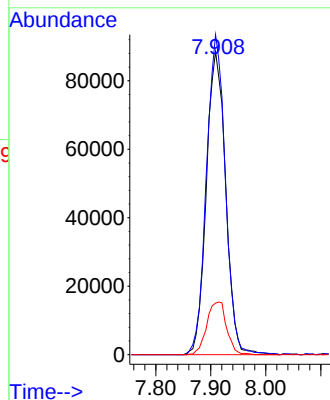
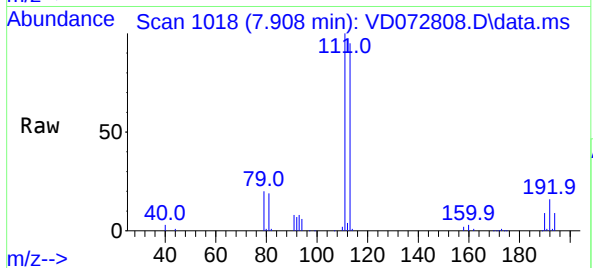




#35
Dibromofluoromethane
Concen: 48.771 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

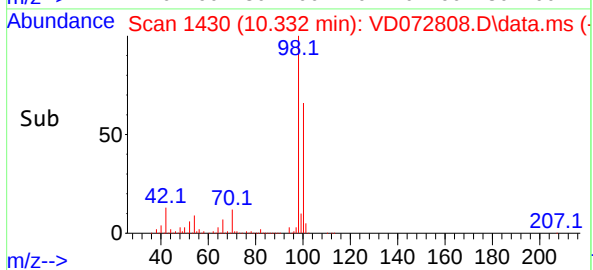
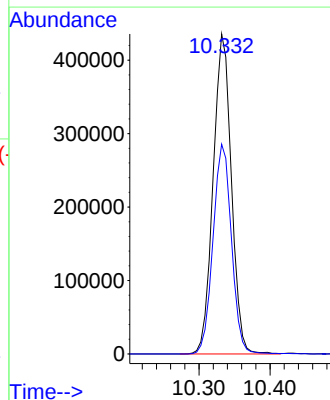
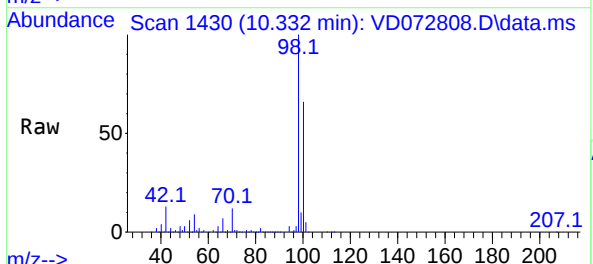
Instrument :
MSVOA_D
ClientSampleId :
01

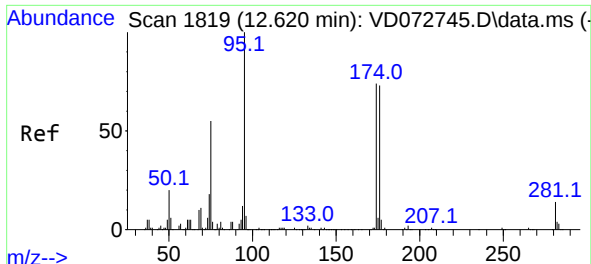
Tgt Ion:113 Resp: 216244
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 17.9 14.6 21.8



#50
Toluene-d8
Concen: 48.730 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

Tgt Ion: 98 Resp: 775035
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

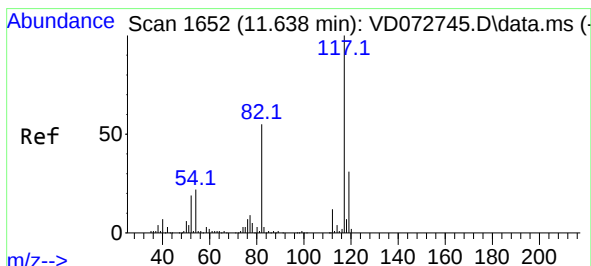
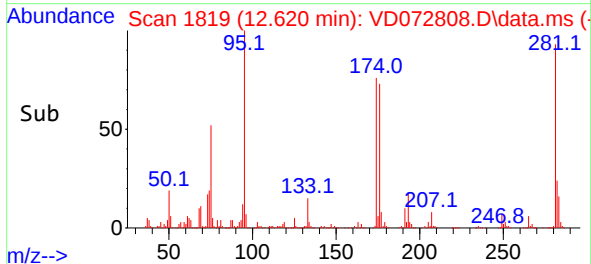
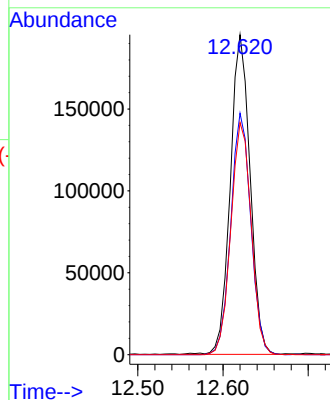
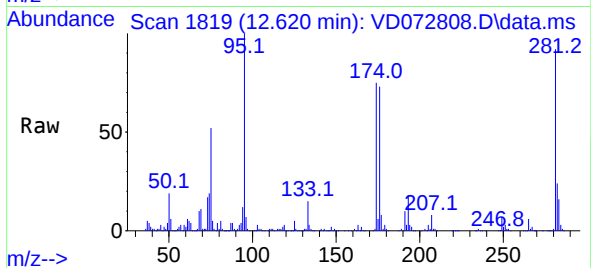




#62
4-Bromofluorobenzene
Concen: 53.103 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

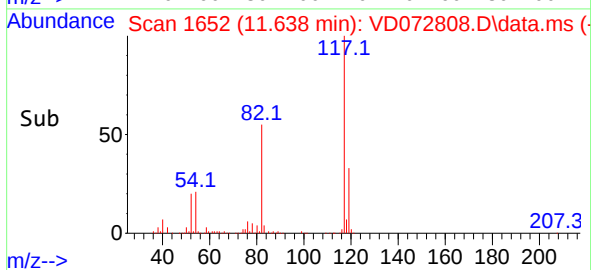
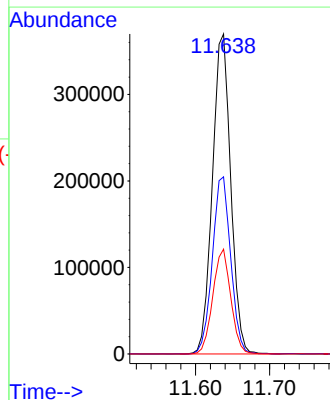
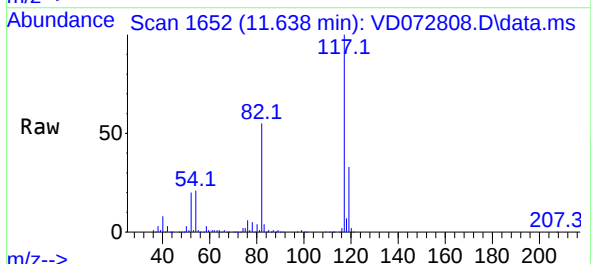
Instrument :
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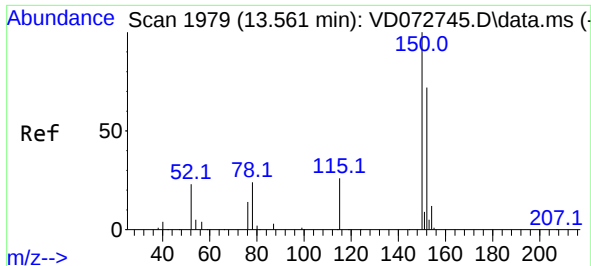
Tgt Ion: 95 Resp: 314924
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 74.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

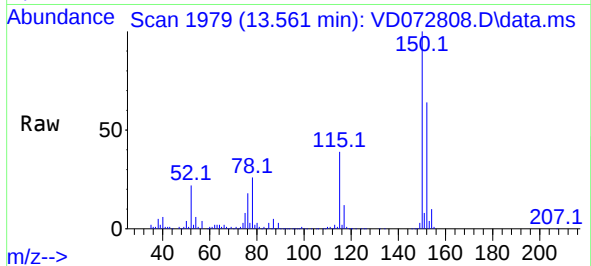
Tgt Ion: 117 Resp: 634131
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.7 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072808.D
 Acq: 05 May 2022 14:18

Instrument :
 MSVOA_D
 ClientSampleId :
 01



Tgt Ion:152 Resp: 311143
 Ion Ratio Lower Upper
 152 100
 115 60.3 31.3 93.8
 150 154.7 0.0 348.6

