

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072809.D
 Acq On : 05 May 2022 14:47
 Operator : VA/SY
 Sample : N2672-02
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 02

Quant Time: May 06 03:49:03 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)

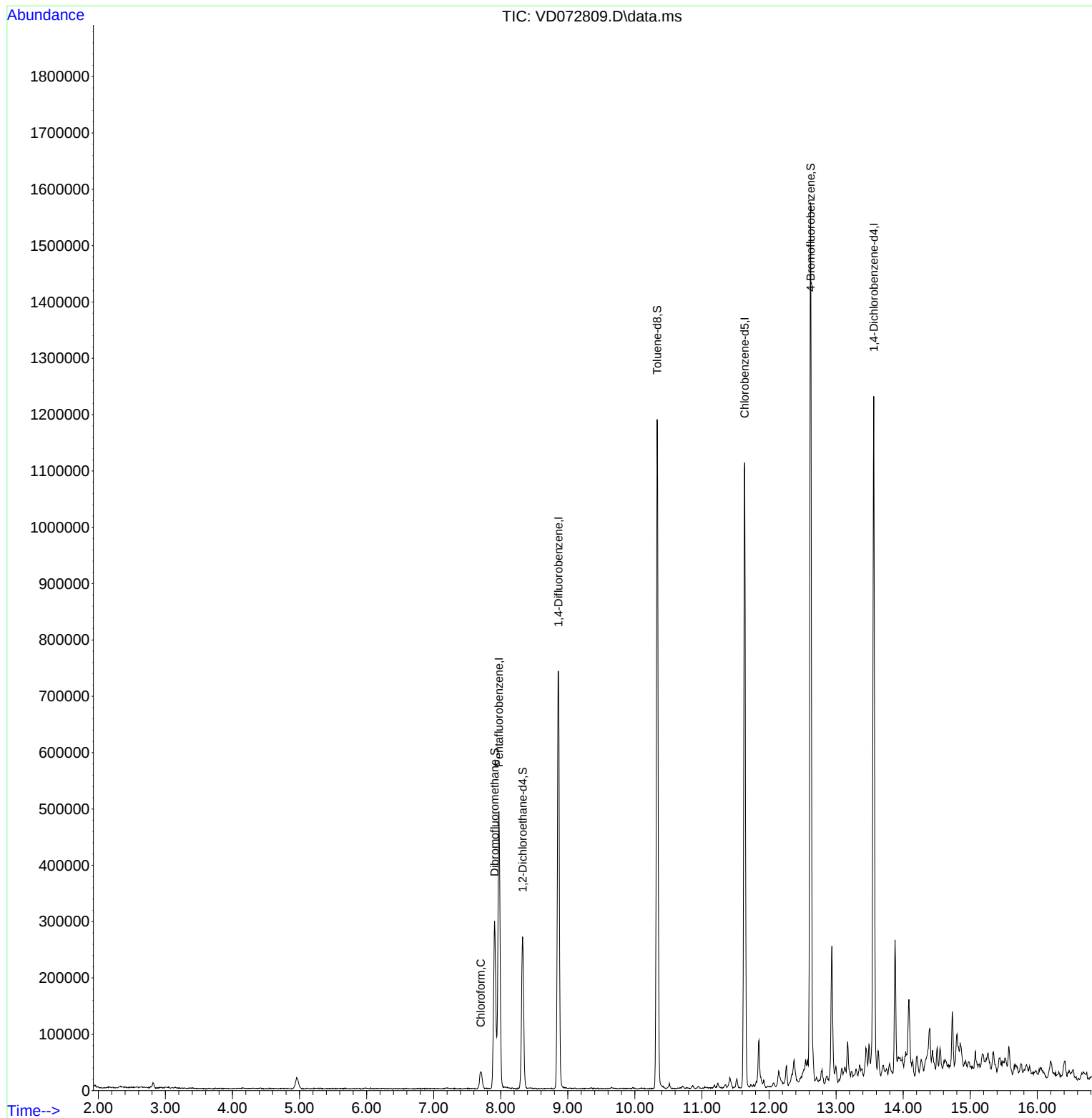
Internal Standards						
1) Pentafluorobenzene	7.973	168	341932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	635484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	640025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	303133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	210563	47.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.880%
35) Dibromofluoromethane	7.908	113	211453	47.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.760%
50) Toluene-d8	10.332	98	779730	48.704	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.620	95	314333	52.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.320%
Target Compounds						
					Qvalue	
30) Chloroform	7.703	83	29642	3.184	ug/l	97

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

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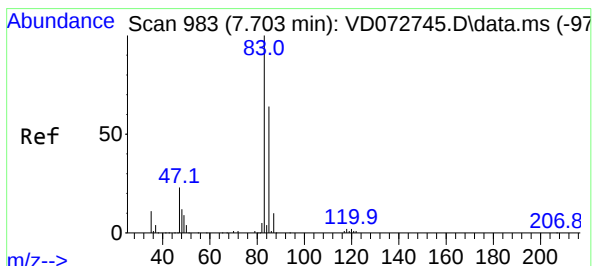
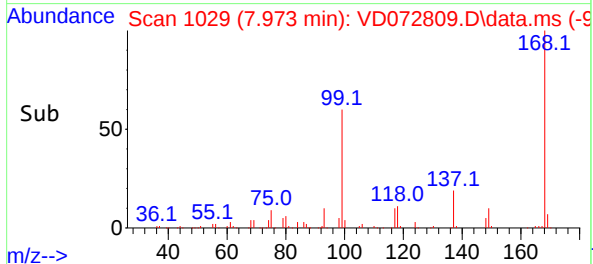
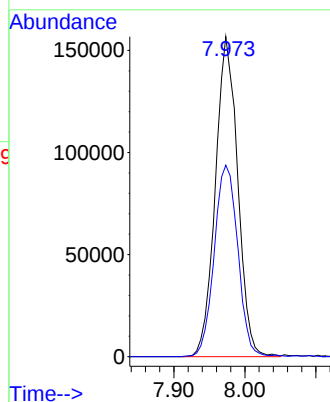
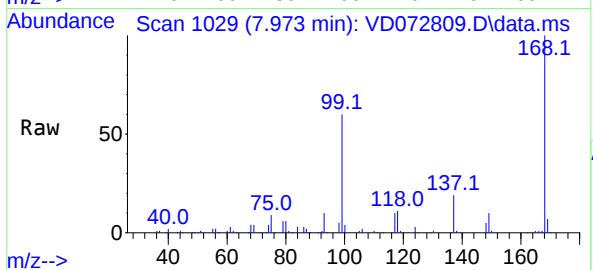




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

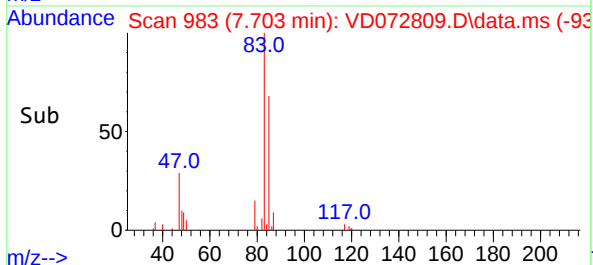
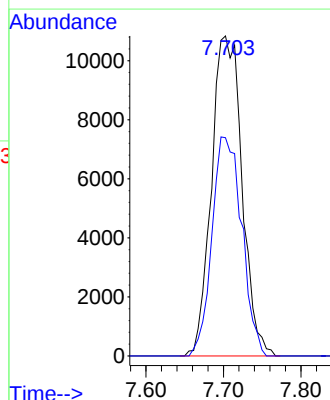
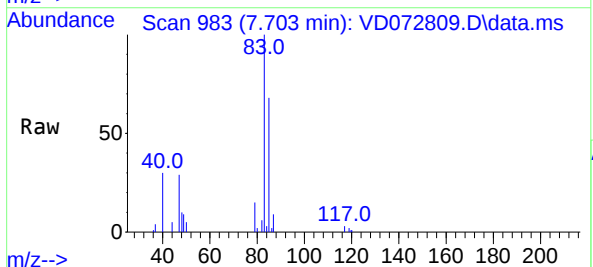
Instrument :
MSVOA_D
ClientSampleId :
02

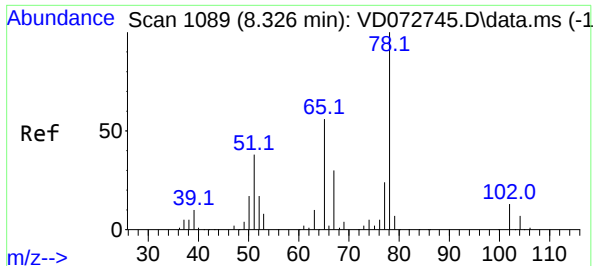
Tgt Ion:168 Resp: 341932
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#30
Chloroform
Concen: 3.184 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

Tgt Ion: 83 Resp: 29642
Ion Ratio Lower Upper
83 100
85 68.2 52.7 79.1

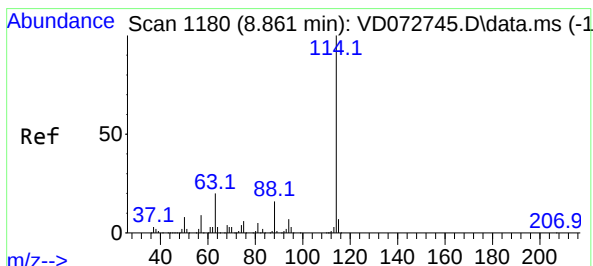
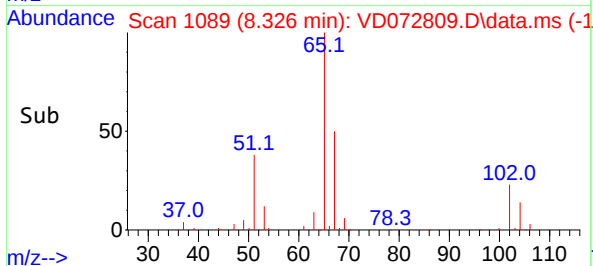
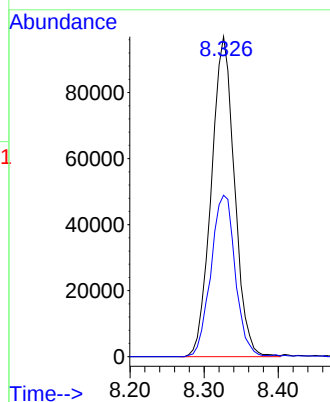
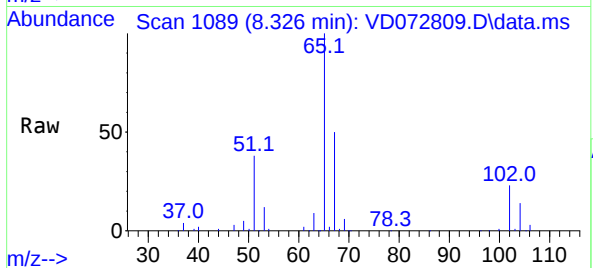




#33
1,2-Dichloroethane-d4
Concen: 47.440 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

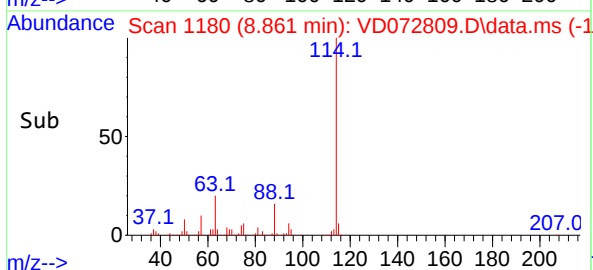
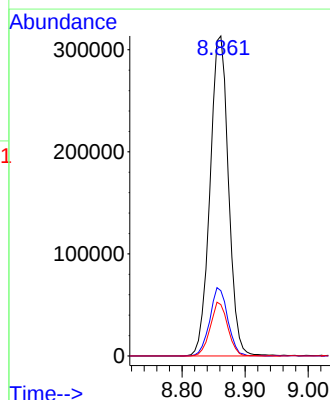
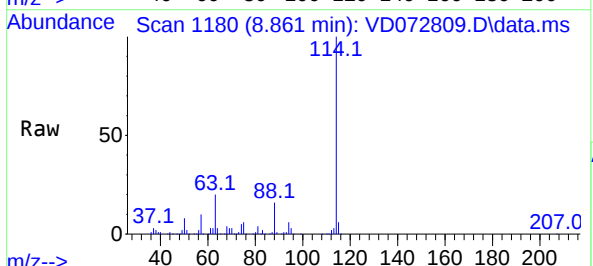
Instrument :
MSVOA_D
ClientSampleId :
02

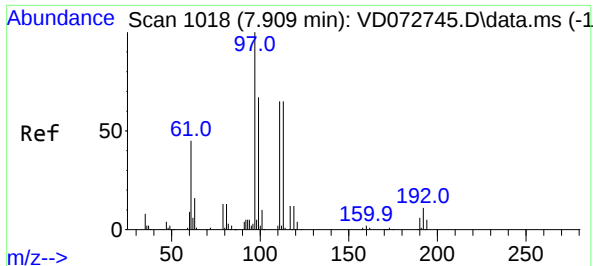
Tgt Ion: 65 Resp: 210563
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

Tgt Ion: 114 Resp: 635484
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 16.1 0.0 33.2

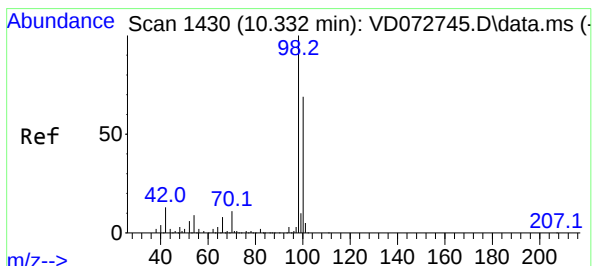
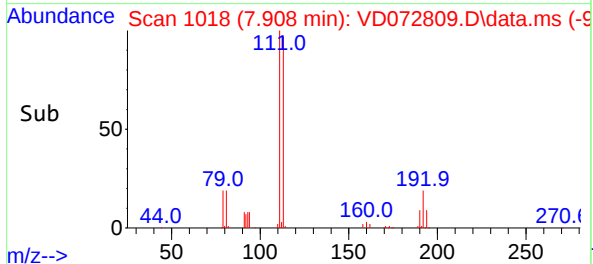
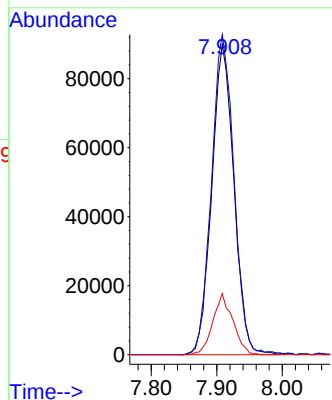
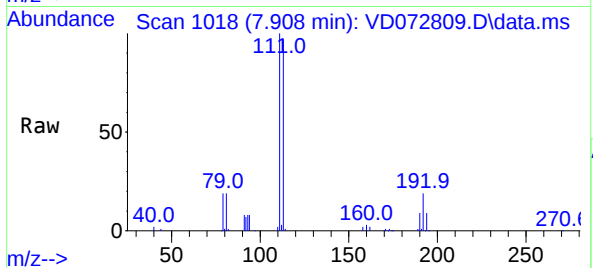




#35
Dibromofluoromethane
Concen: 47.378 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

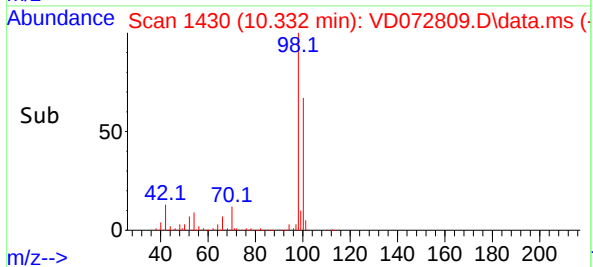
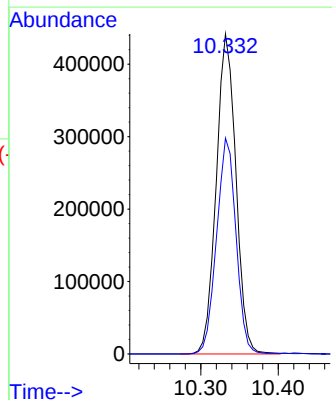
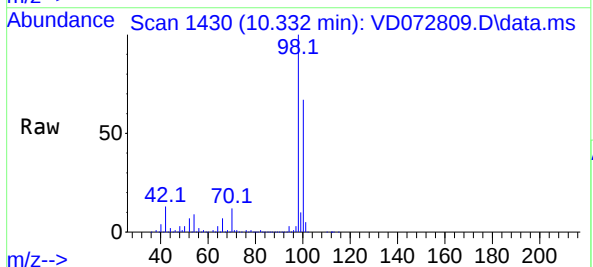
Instrument :
MSVOA_D
ClientSampleId :
02

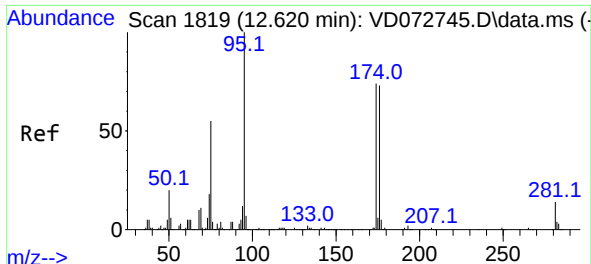
Tgt Ion:113 Resp: 211453
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 17.8 14.6 21.8



#50
Toluene-d8
Concen: 48.704 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

Tgt Ion: 98 Resp: 779730
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6

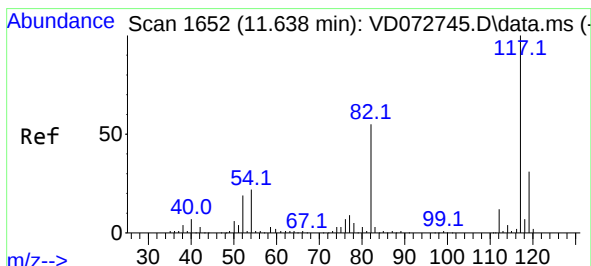
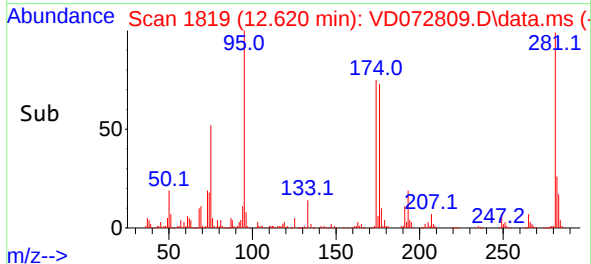
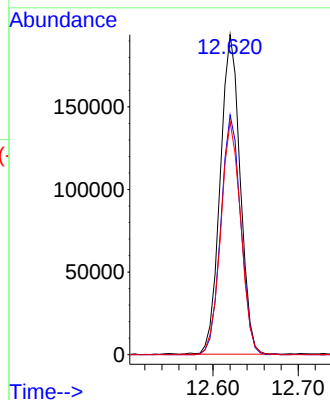
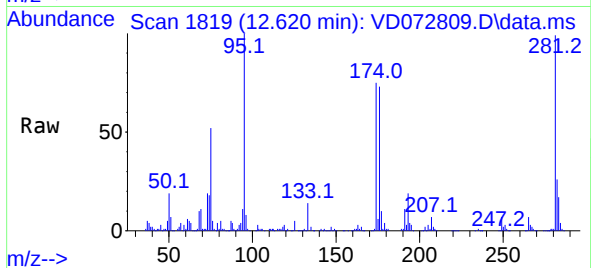




#62
4-Bromofluorobenzene
Concen: 52.657 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

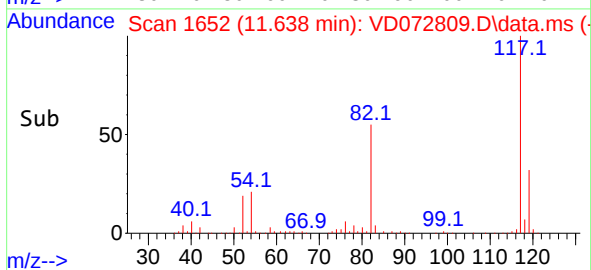
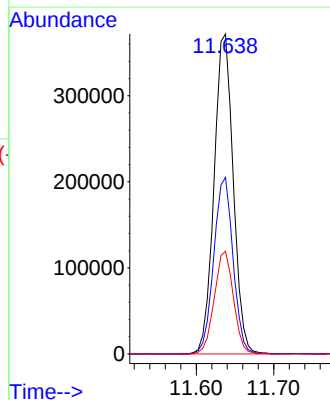
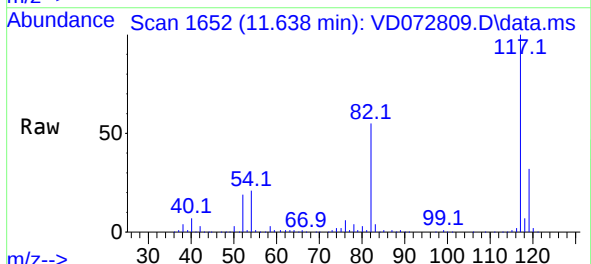
Instrument :
MSVOA_D
ClientSampleId :
02

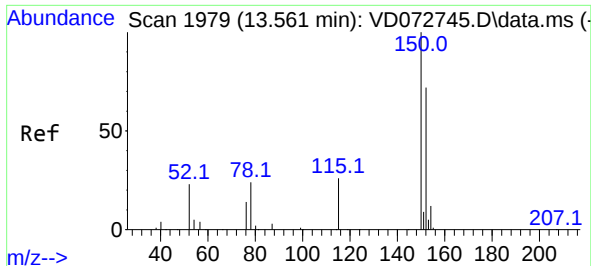
Tgt Ion: 95 Resp: 314333
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 73.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

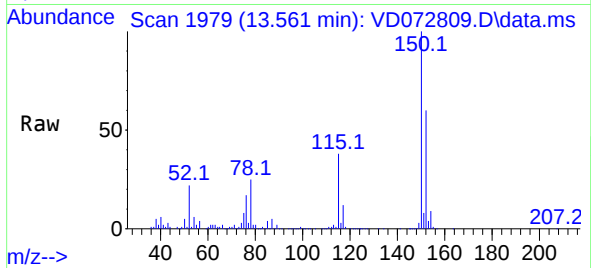
Tgt Ion: 117 Resp: 640025
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 32.1 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072809.D
 Acq: 05 May 2022 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 02



Tgt Ion:152 Resp: 303133

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.3	93.8
150	158.6	0.0	348.6

