

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072772.D
 Acq On : 03 May 2022 17:17
 Operator : VA/SY
 Sample : N2659-01
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 22L097-A

Quant Time: May 04 01:27:09 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)

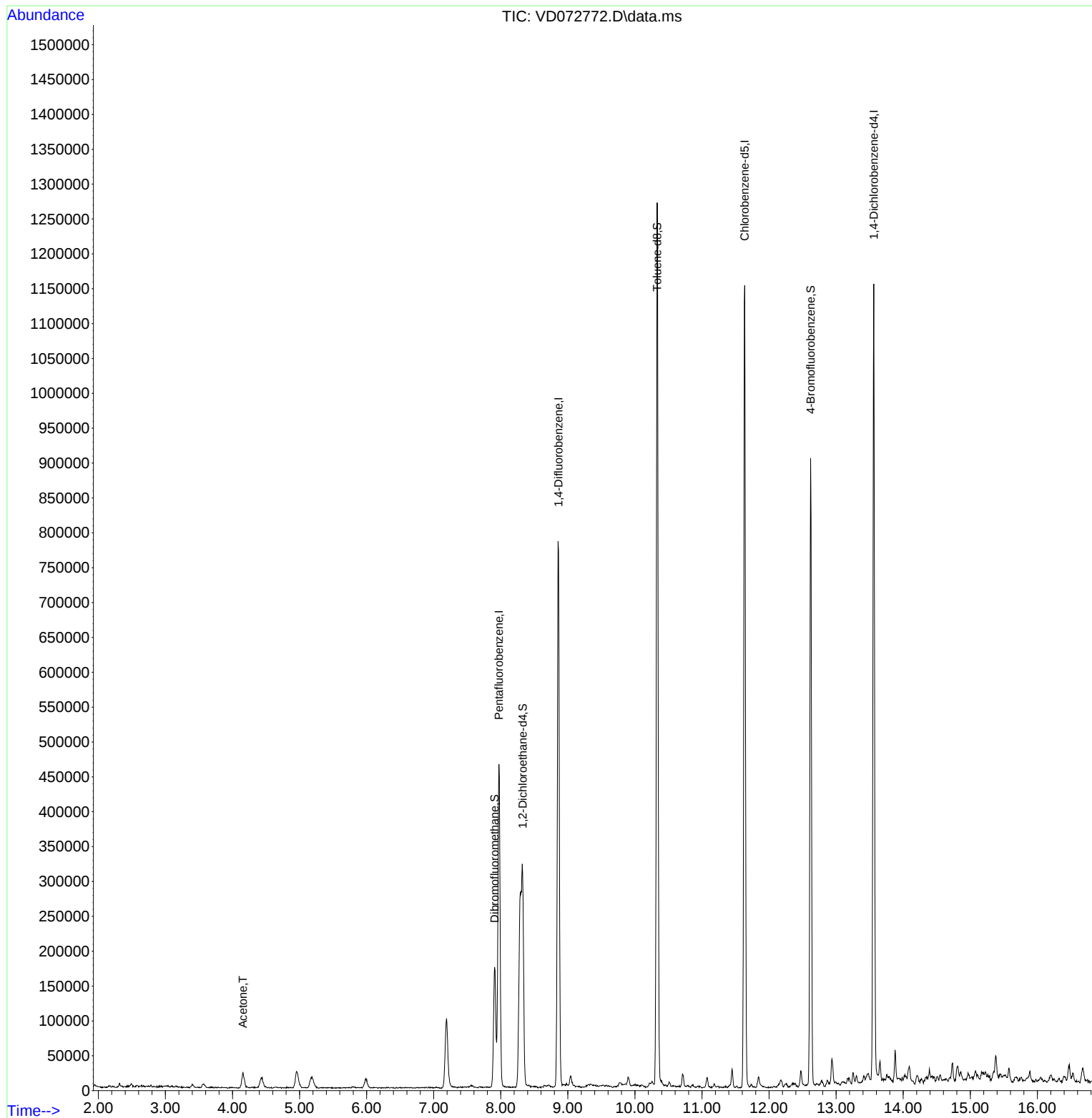
Internal Standards						
1) Pentafluorobenzene	7.973	168	328164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	669301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	649392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	292240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227739	53.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.920%
35) Dibromofluoromethane	7.908	113	125061	26.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.220%#
50) Toluene-d8	10.332	98	817281	48.470	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.620	95	291879	46.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.840%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	37246	34.708	ug/l #	86

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

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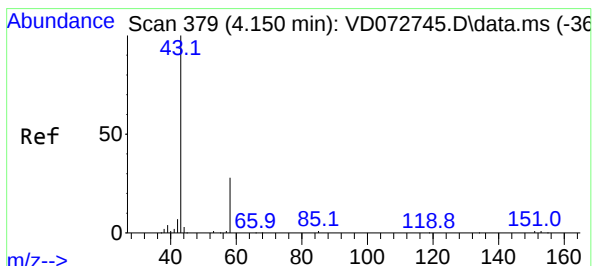
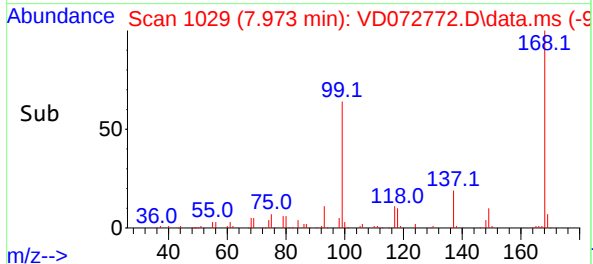
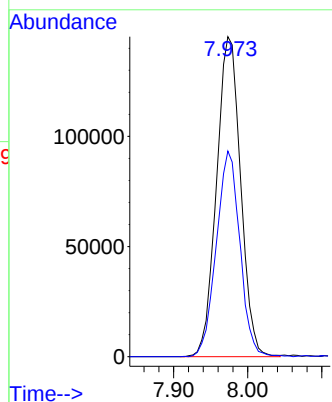
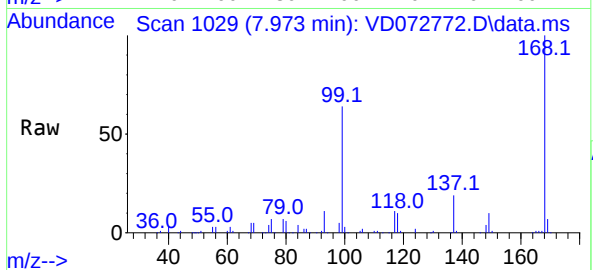




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072772.D
Acq: 03 May 2022 17:17

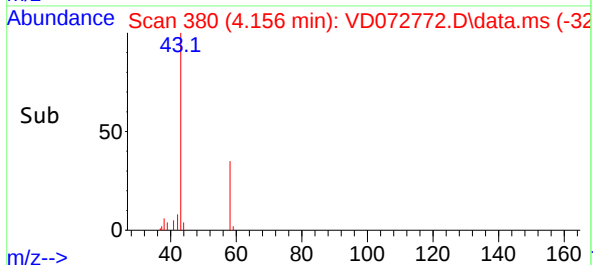
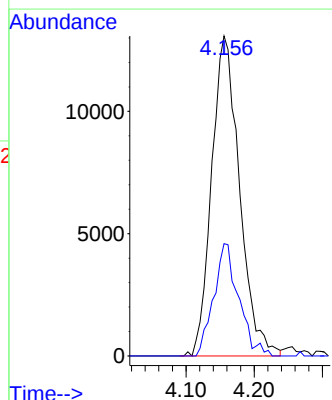
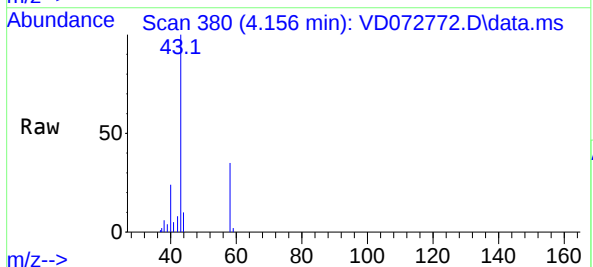
Instrument :
MSVOA_D
ClientSampleId :
22L097-A

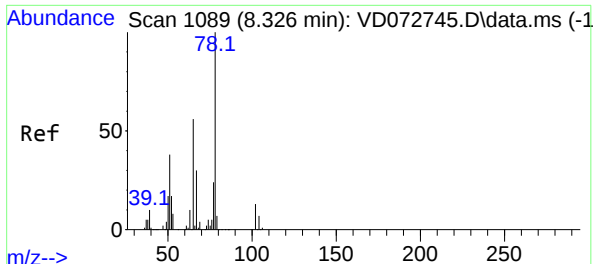
Tgt Ion:168 Resp: 328164
Ion Ratio Lower Upper
168 100
99 64.3 49.8 74.6



#16
Acetone
Concen: 34.708 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072772.D
Acq: 03 May 2022 17:17

Tgt Ion: 43 Resp: 37246
Ion Ratio Lower Upper
43 100
58 35.1 22.1 33.1#

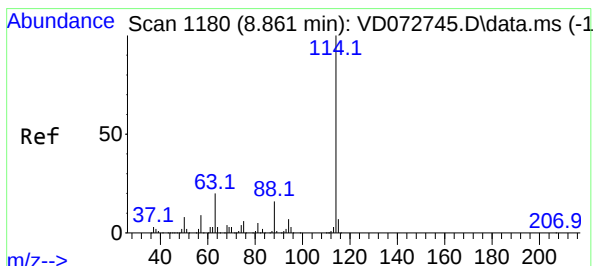
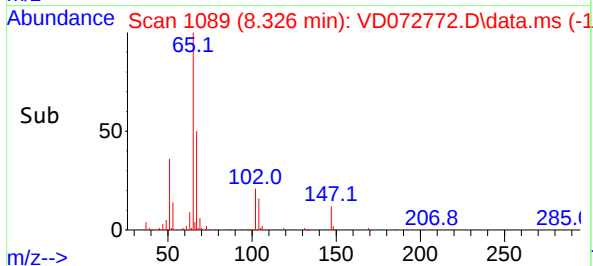
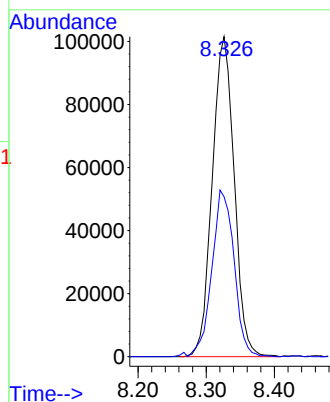
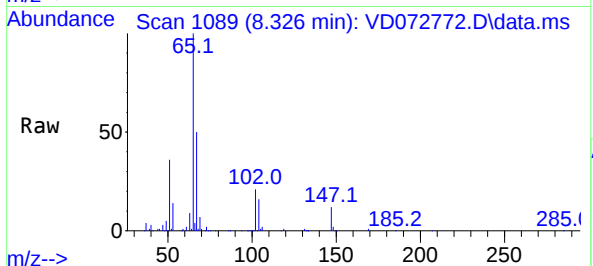




#33
1,2-Dichloroethane-d4
Concen: 53.462 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072772.D
Acq: 03 May 2022 17:17

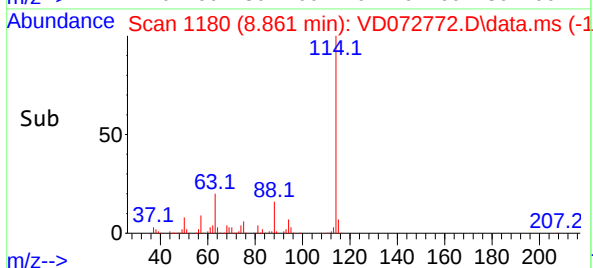
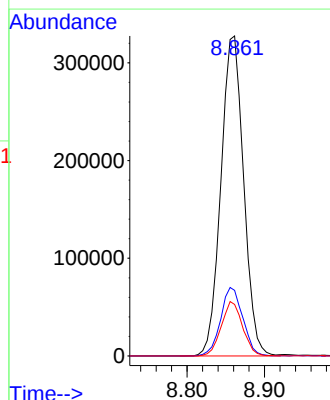
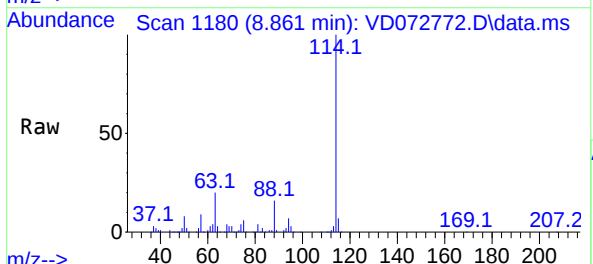
Instrument :
MSVOA_D
ClientSampleId :
22L097-A

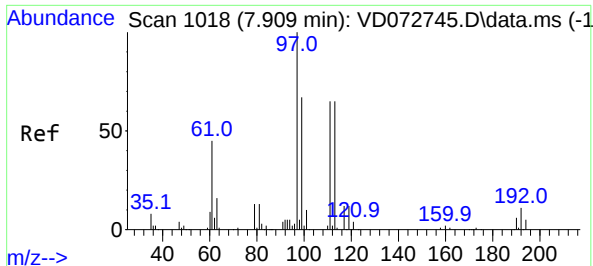
Tgt Ion: 65 Resp: 227739
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072772.D
Acq: 03 May 2022 17:17

Tgt Ion:114 Resp: 669301
Ion Ratio Lower Upper
114 100
63 20.5 0.0 46.6
88 16.1 0.0 33.2

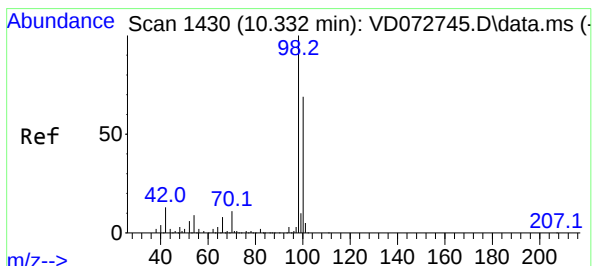
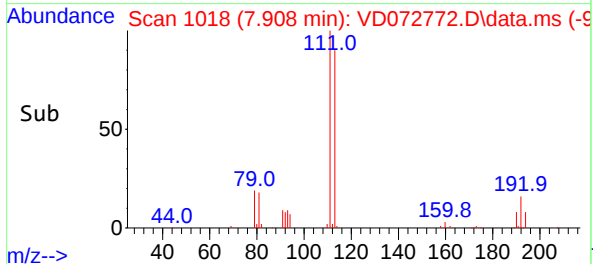
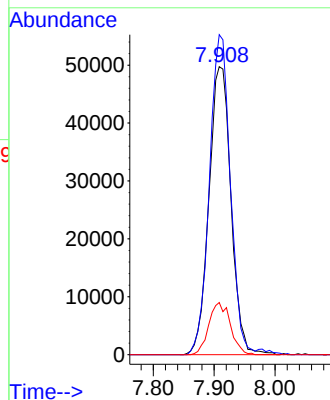
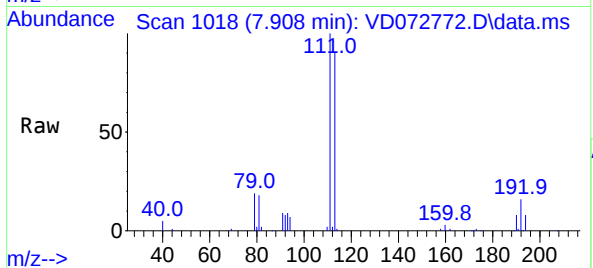




#35
Dibromofluoromethane
Concen: 26.605 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072772.D
Acq: 03 May 2022 17:17

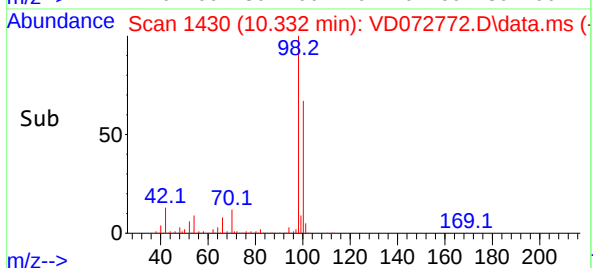
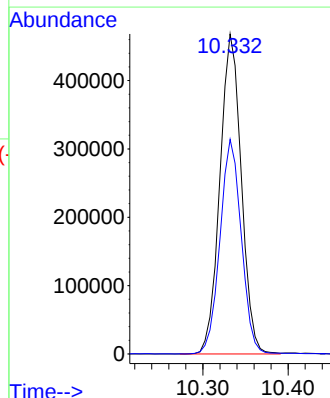
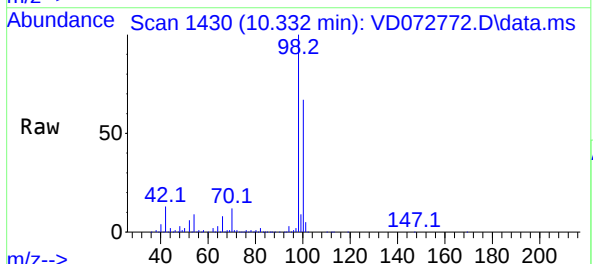
Instrument :
MSVOA_D
ClientSampleId :
22L097-A

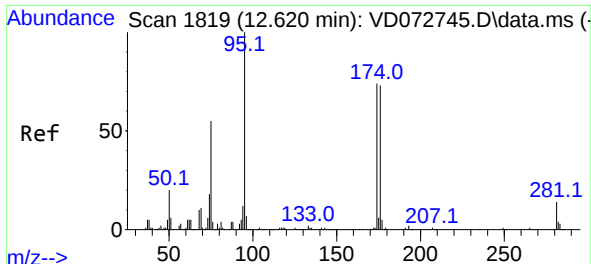
Tgt Ion:113 Resp: 125061
Ion Ratio Lower Upper
113 100
111 105.2 83.8 125.6
192 17.7 14.6 21.8



#50
Toluene-d8
Concen: 48.470 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072772.D
Acq: 03 May 2022 17:17

Tgt Ion: 98 Resp: 817281
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6

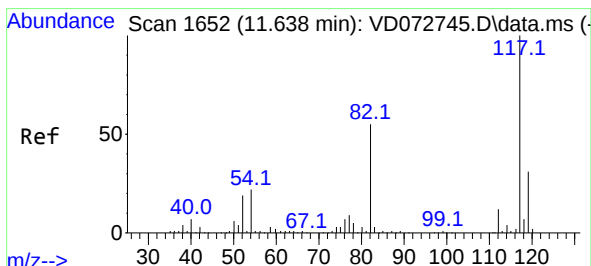
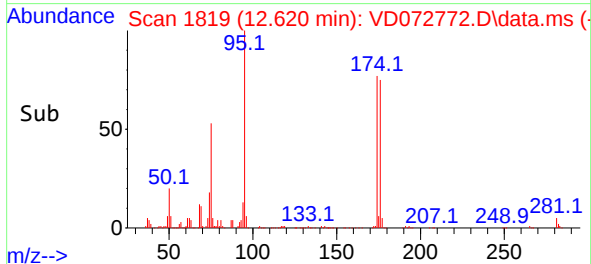
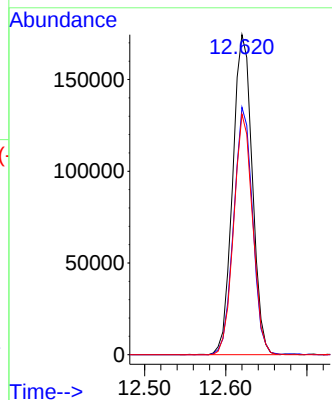
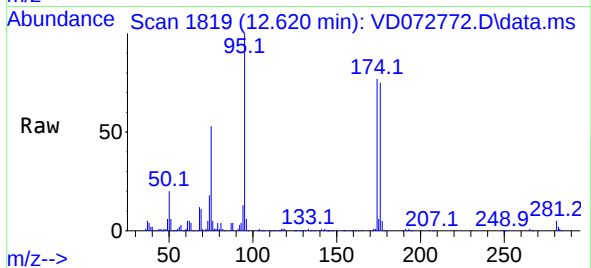




#62
4-Bromofluorobenzene
Concen: 46.425 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072772.D
Acq: 03 May 2022 17:17

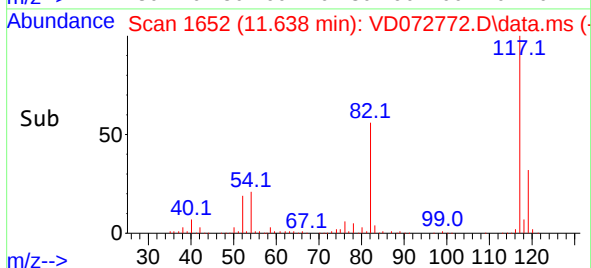
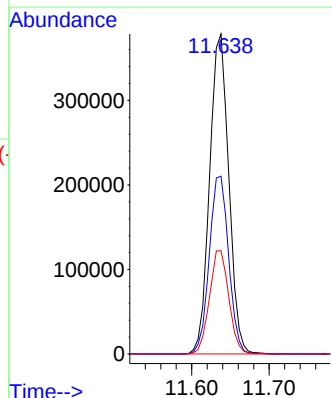
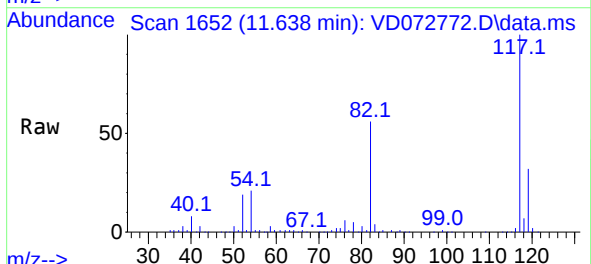
Instrument :
MSVOA_D
ClientSampleId :
22L097-A

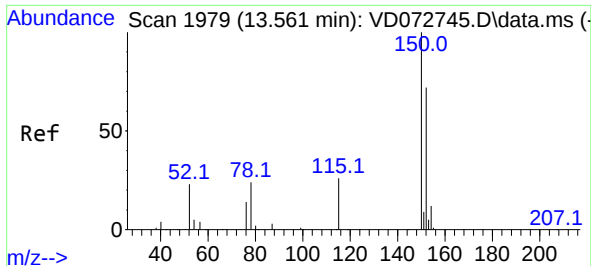
Tgt Ion: 95 Resp: 291879
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 72.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072772.D
Acq: 03 May 2022 17:17

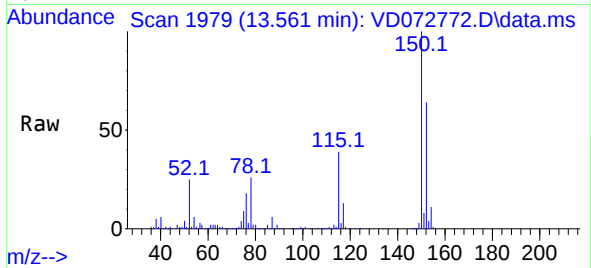
Tgt Ion: 117 Resp: 649392
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.3 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072772.D
 Acq: 03 May 2022 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 22L097-A



Tgt Ion:152 Resp: 292240

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.3	93.8
150	156.8	0.0	348.6

