

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078193.D
 Acq On : 22 Jan 2024 13:14
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jan 23 05:28:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:12:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	165804	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	334830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81268	42.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.880%
35) Dibromofluoromethane	7.810	113	99448	45.129	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.260%
50) Toluene-d8	10.275	98	406211	46.554	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.575	95	124061	49.028	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.060%

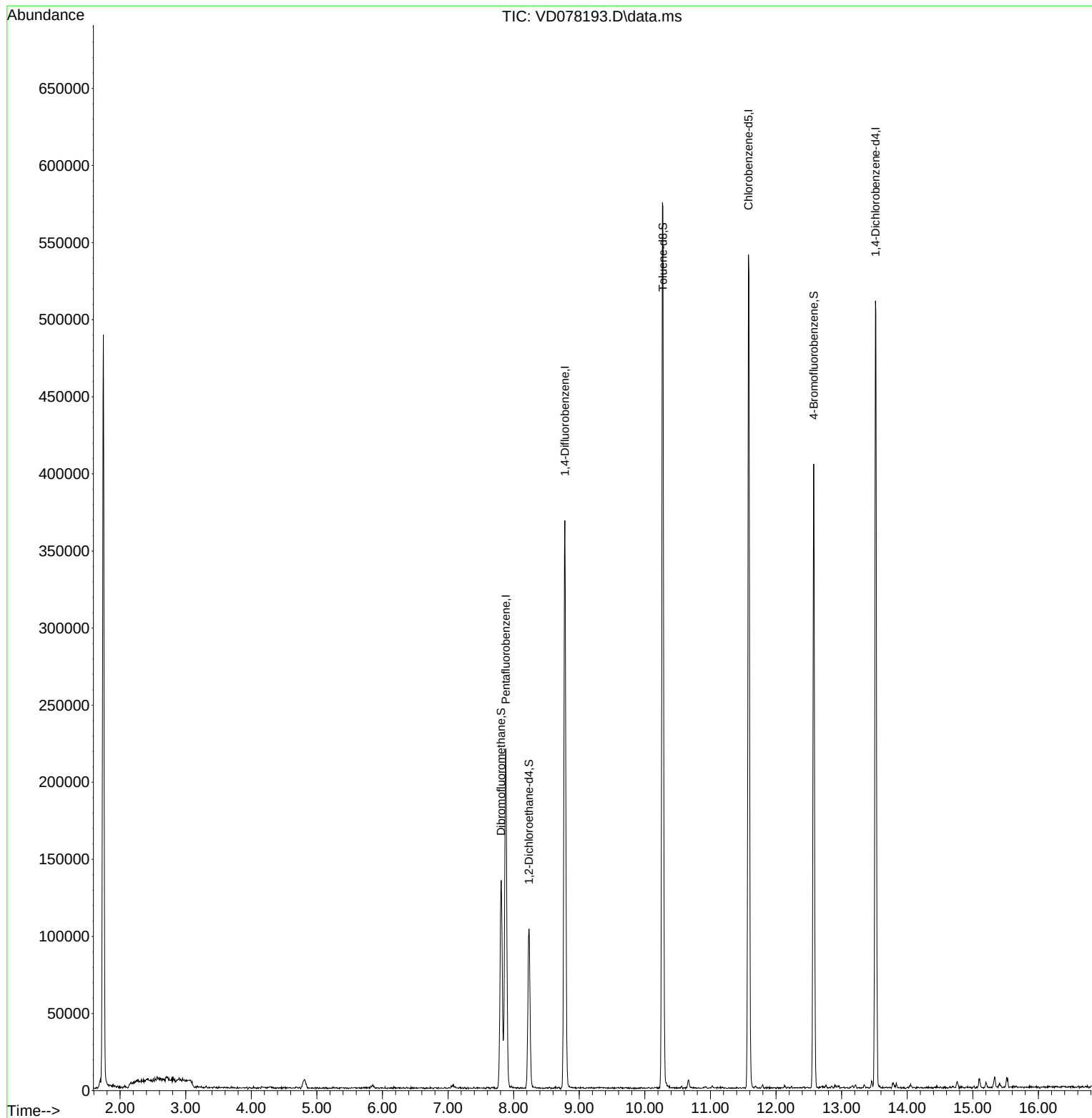
Target Compounds	Qvalue

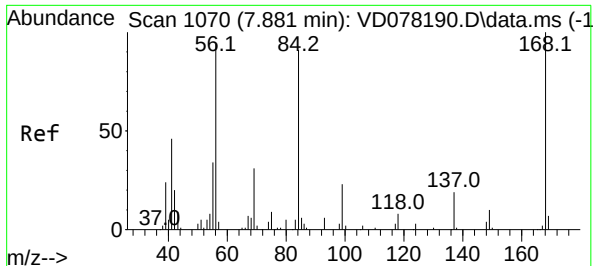
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
Data File : VD078193.D
Acq On : 22 Jan 2024 13:14
Operator : RP/MD
Sample : VIBLK
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Jan 23 05:28:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:12:01 2024
Response via : Initial Calibration

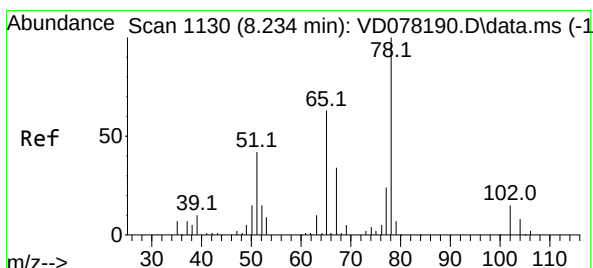
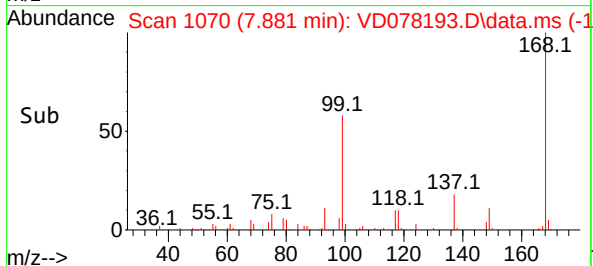
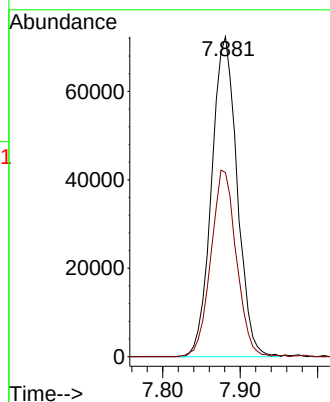
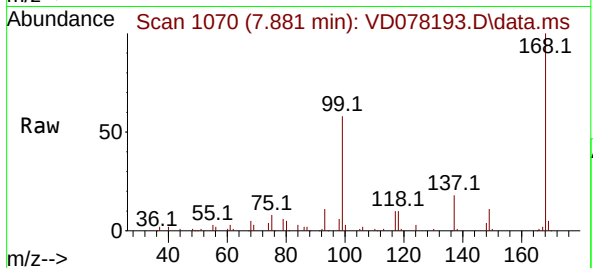




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078193.D
Acq: 22 Jan 2024 13:14

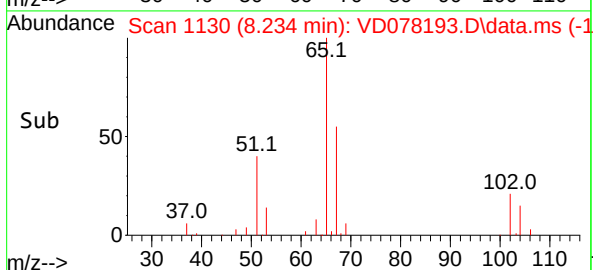
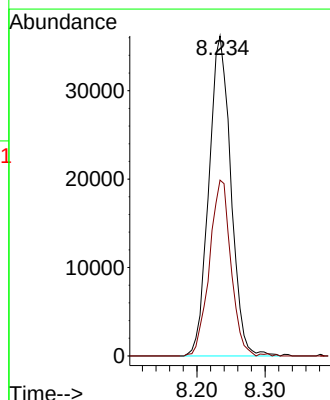
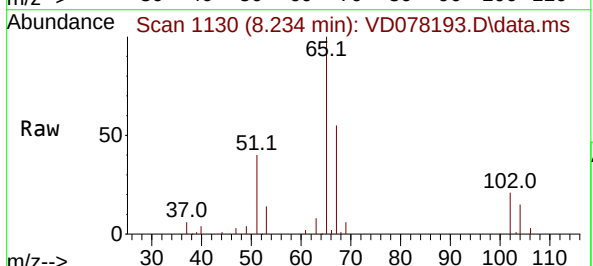
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

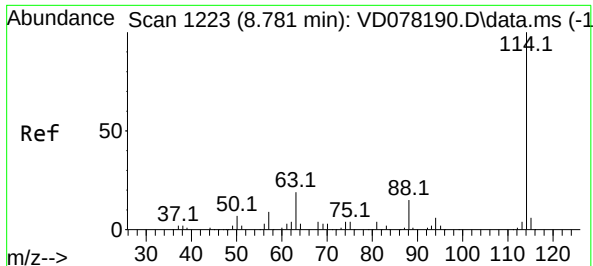
Tgt Ion:168 Resp: 165804
Ion Ratio Lower Upper
168 100
99 57.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 42.935 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078193.D
Acq: 22 Jan 2024 13:14

Tgt Ion: 65 Resp: 81268
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0

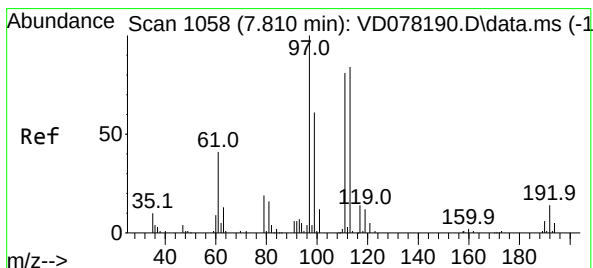
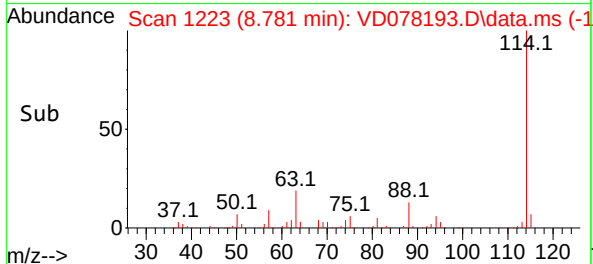
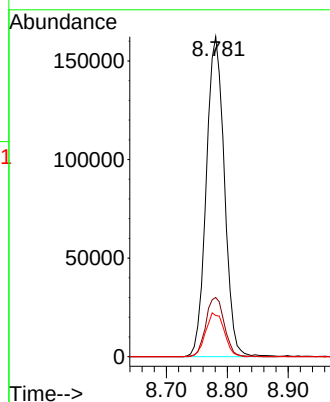
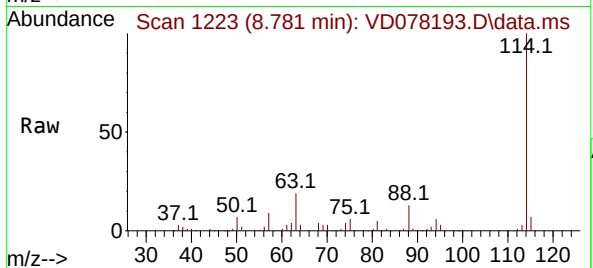




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078193.D
Acq: 22 Jan 2024 13:14

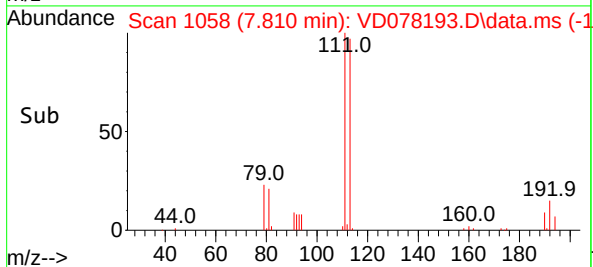
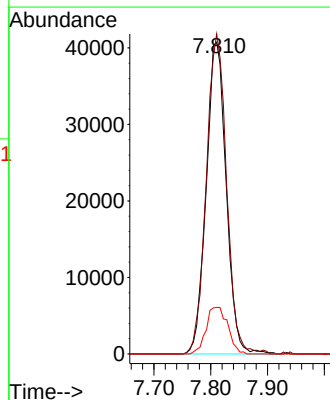
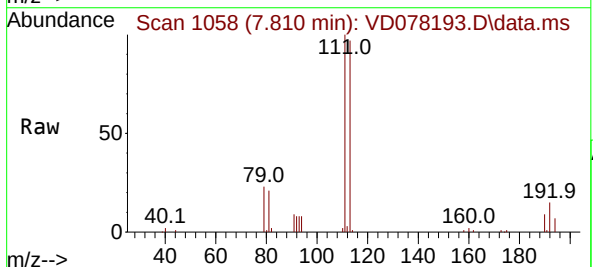
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

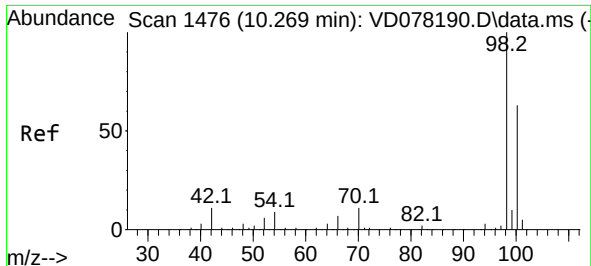
Tgt Ion:114 Resp: 334830
Ion Ratio Lower Upper
114 100
63 18.5 0.0 33.4
88 12.8 0.0 26.2



#35
Dibromofluoromethane
Concen: 45.129 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078193.D
Acq: 22 Jan 2024 13:14

Tgt Ion:113 Resp: 99448
Ion Ratio Lower Upper
113 100
111 103.8 84.7 127.1
192 16.2 16.8 25.2#

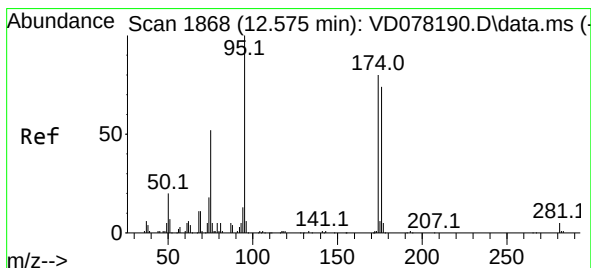
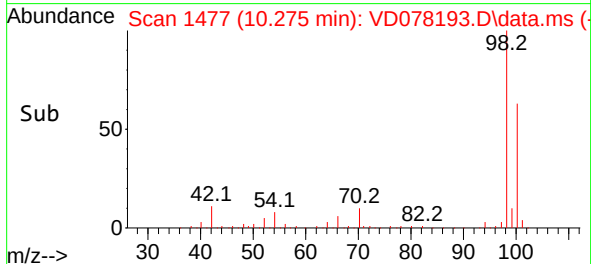
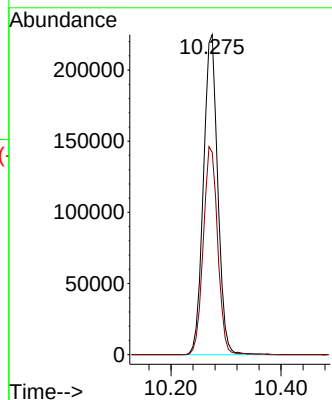
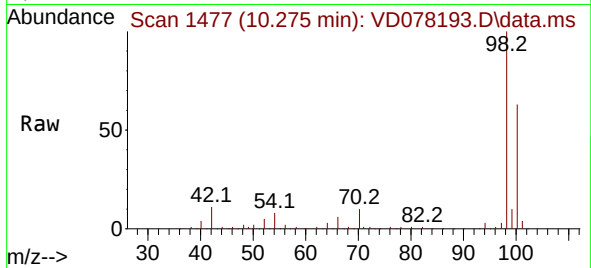




#50
Toluene-d8
Concen: 46.554 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD078193.D
Acq: 22 Jan 2024 13:14

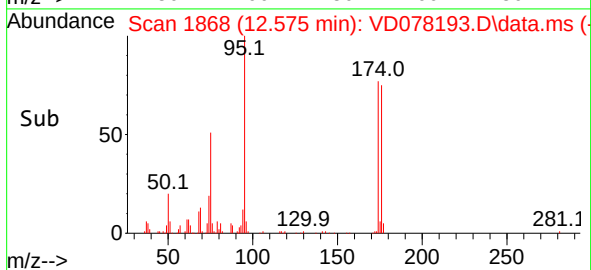
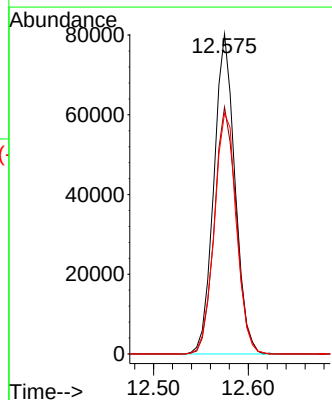
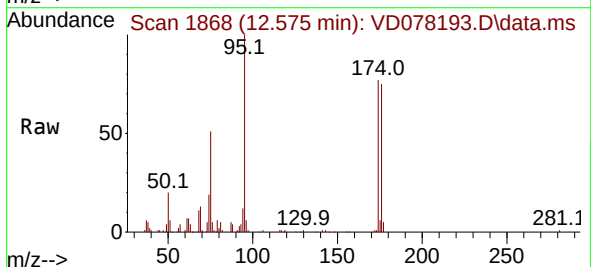
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

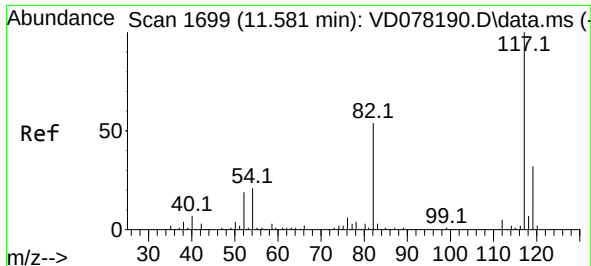
Tgt Ion: 98 Resp: 406211
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.028 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078193.D
Acq: 22 Jan 2024 13:14

Tgt Ion: 95 Resp: 124061
Ion Ratio Lower Upper
95 100
174 80.2 0.0 201.8
176 79.0 0.0 191.8

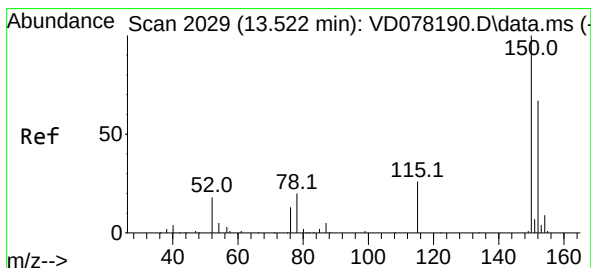
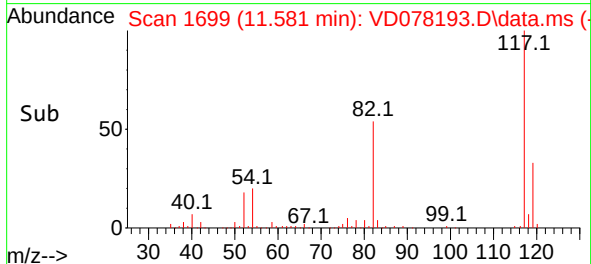
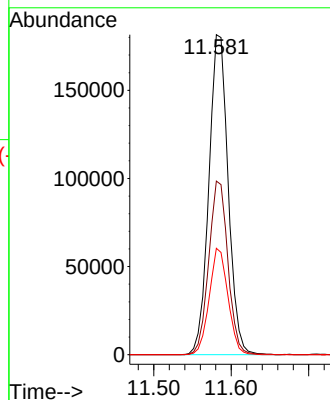
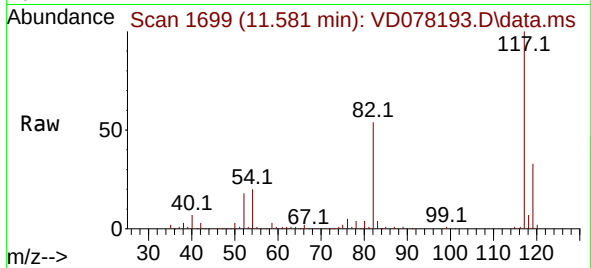




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078193.D
Acq: 22 Jan 2024 13:14

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 313782
Ion Ratio Lower Upper
117 100
82 54.2 38.3 57.5
119 33.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078193.D
Acq: 22 Jan 2024 13:14

Tgt Ion:152 Resp: 135756
Ion Ratio Lower Upper
152 100
115 58.4 27.1 81.3
150 156.5 0.0 353.6

