

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074601.D
 Acq On : 20 Oct 2022 16:51
 Operator : VA/SY
 Sample : N5219-02
 Misc : 6.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKYARD-BOTTOM-A

Quant Time: Oct 21 03:08:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	98673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	166160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	127563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	48577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44173	58.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.280%
35) Dibromofluoromethane	7.805	113	56661	61.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.620%
50) Toluene-d8	10.269	98	189791	57.067	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.140%
62) 4-Bromofluorobenzene	12.569	95	46921	49.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.000%

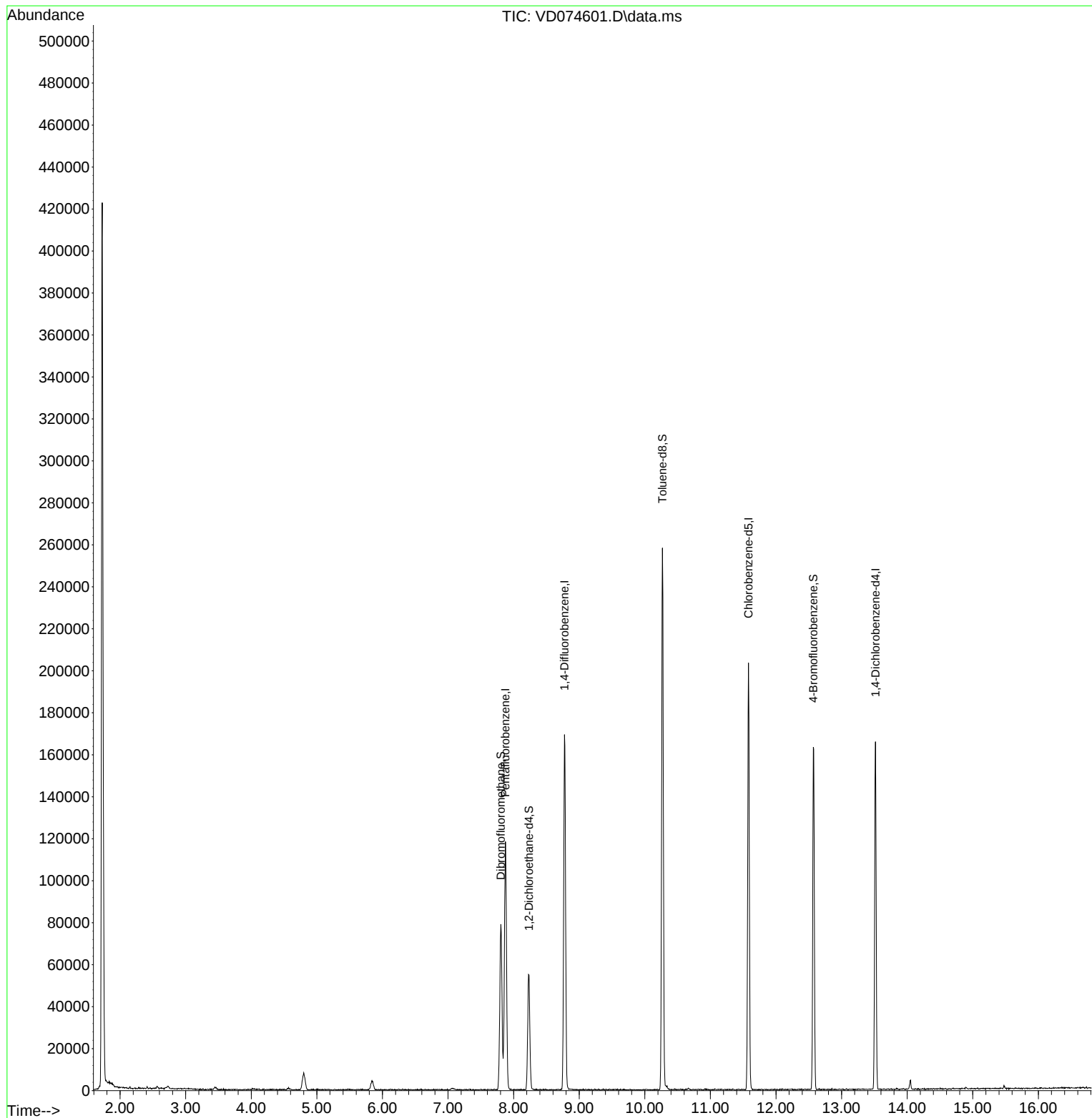
Target Compounds	Qvalue

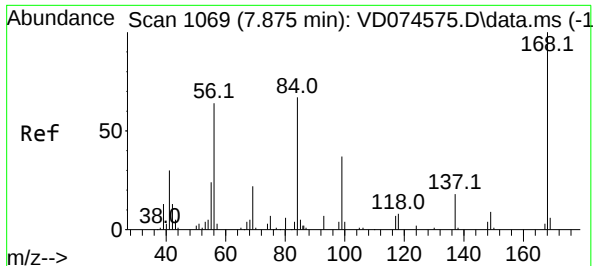
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
Data File : VD074601.D
Acq On : 20 Oct 2022 16:51
Operator : VA/SY
Sample : N5219-02
Misc : 6.35G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BACKYARD-BOTTOM-A

Quant Time: Oct 21 03:08:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

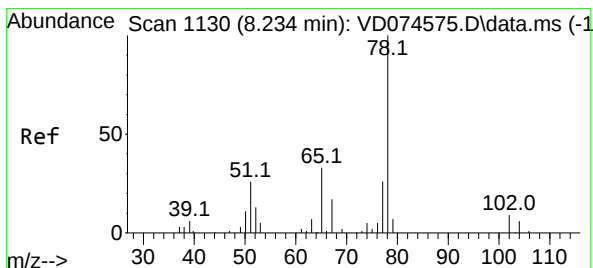
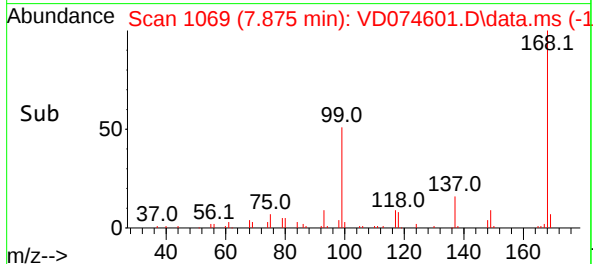
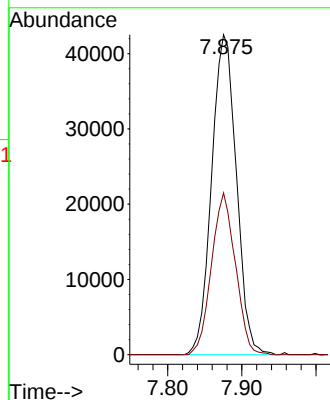
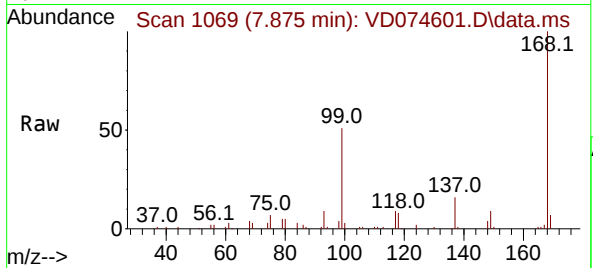




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074601.D
Acq: 20 Oct 2022 16:51

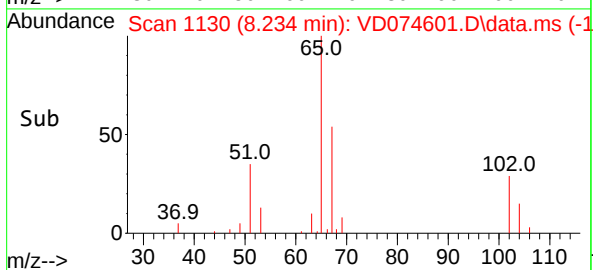
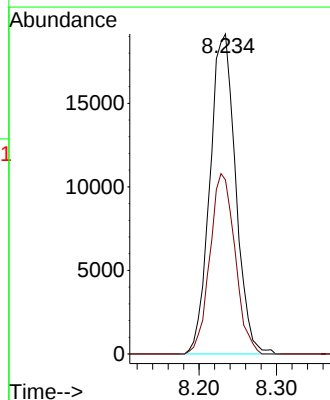
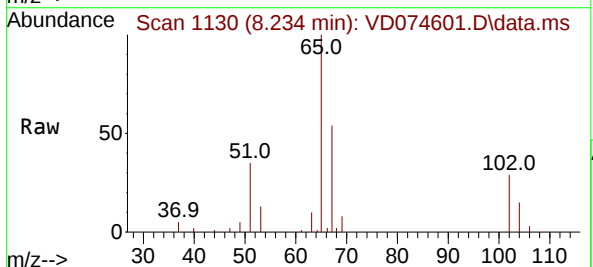
Instrument :
MSVOA_D
ClientSampleId :
BACKYARD-BOTTOM-A

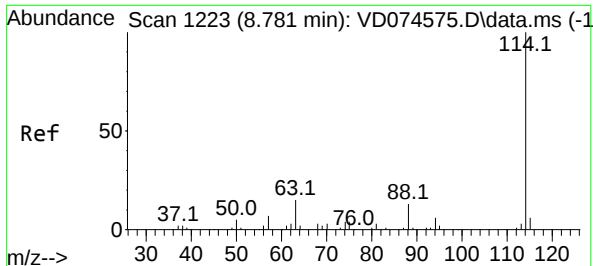
Tgt Ion:168 Resp: 98673
Ion Ratio Lower Upper
168 100
99 50.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 58.635 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074601.D
Acq: 20 Oct 2022 16:51

Tgt Ion: 65 Resp: 44173
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074601.D

Acq: 20 Oct 2022 16:51

Instrument :

MSVOA_D

ClientSampleId :

BACKYARD-BOTTOM-A

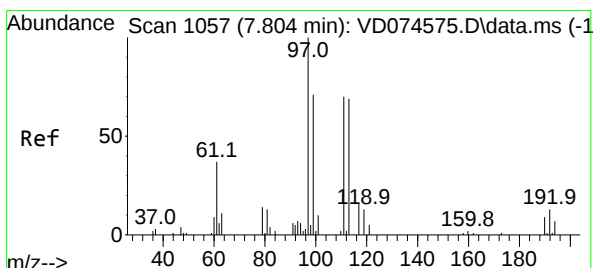
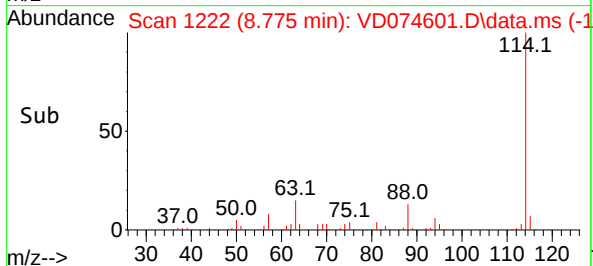
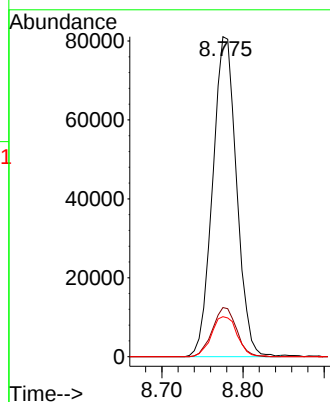
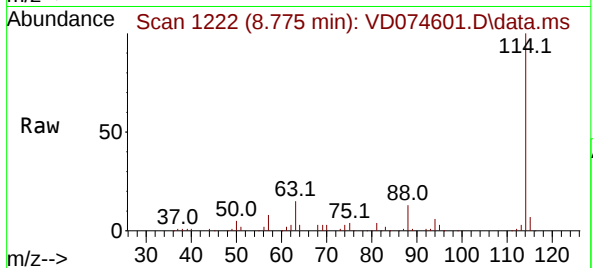
Tgt Ion:114 Resp: 166160

Ion Ratio Lower Upper

114 100

63 15.3 0.0 33.2

88 12.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 61.809 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074601.D

Acq: 20 Oct 2022 16:51

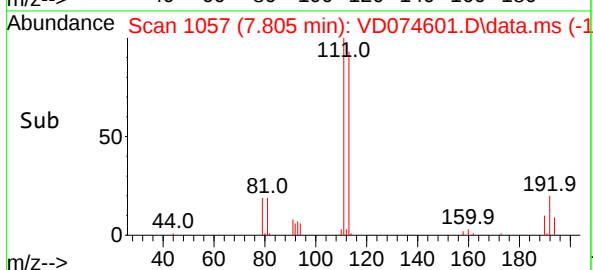
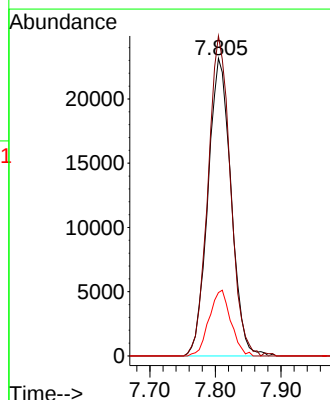
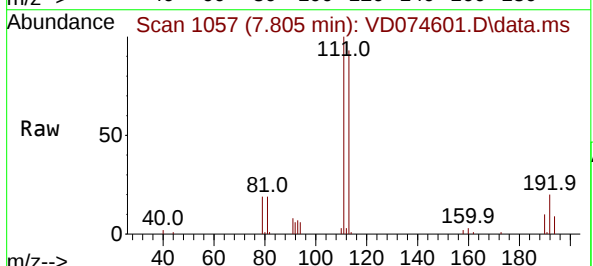
Tgt Ion:113 Resp: 56661

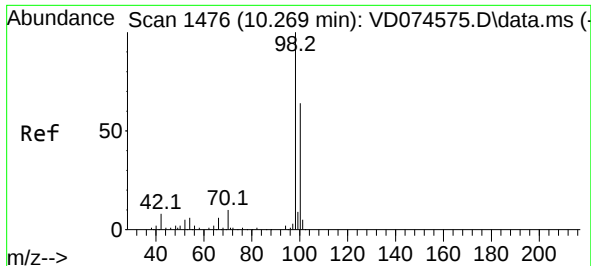
Ion Ratio Lower Upper

113 100

111 104.2 82.3 123.5

192 20.8 16.4 24.6

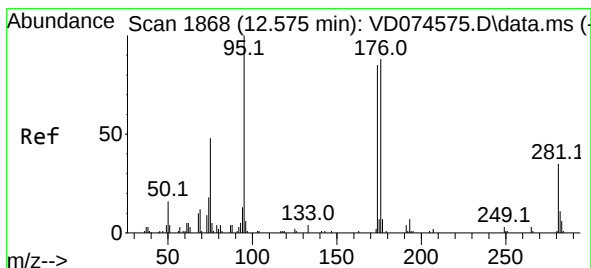
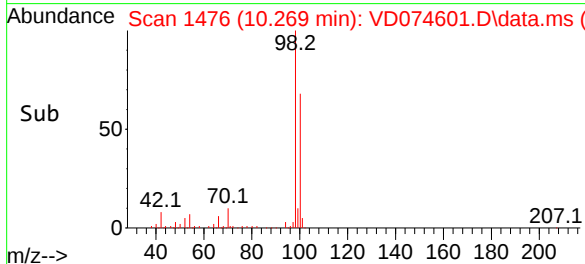
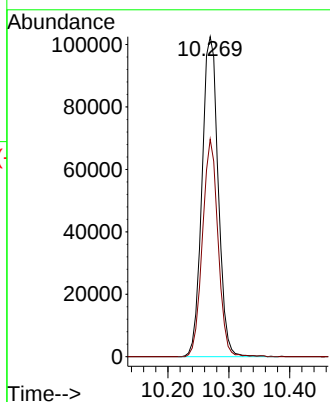
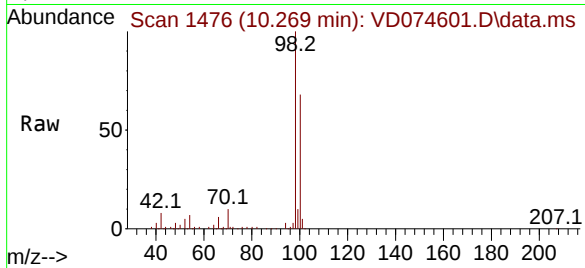




#50
Toluene-d8
Concen: 57.067 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074601.D
Acq: 20 Oct 2022 16:51

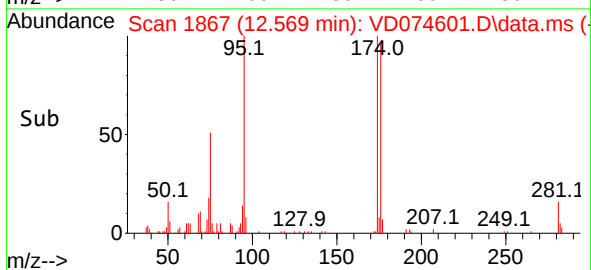
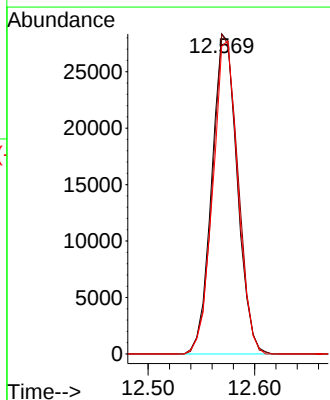
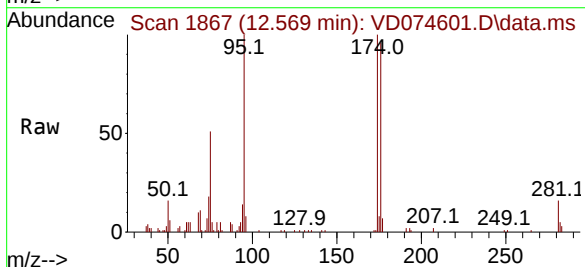
Instrument :
MSVOA_D
ClientSampleId :
BACKYARD-BOTTOM-A

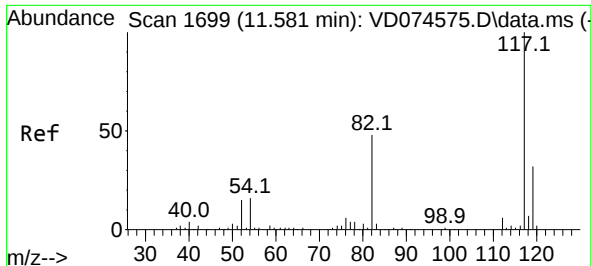
Tgt Ion: 98 Resp: 189791
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.003 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074601.D
Acq: 20 Oct 2022 16:51

Tgt Ion: 95 Resp: 46921
Ion Ratio Lower Upper
95 100
174 99.9 0.0 197.0
176 96.1 0.0 182.6

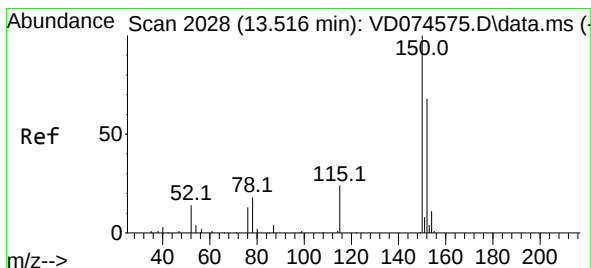
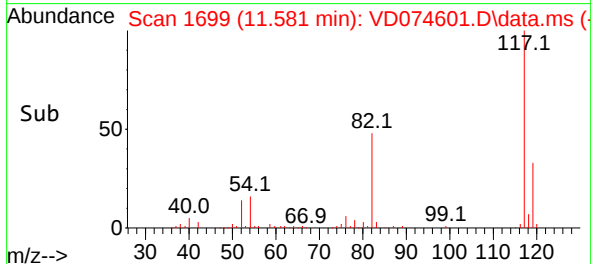
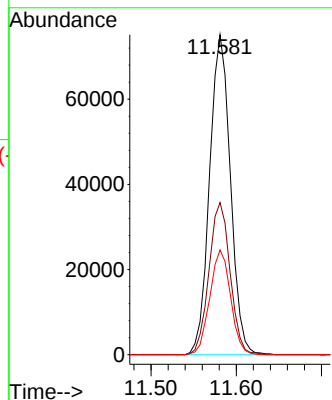
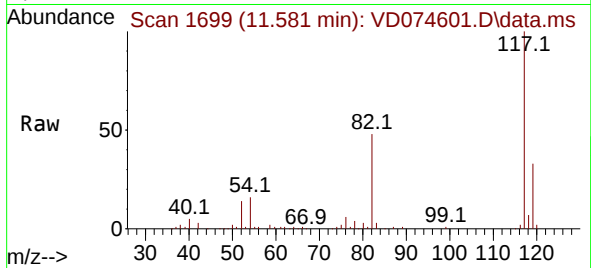




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074601.D
Acq: 20 Oct 2022 16:51

Instrument :
MSVOA_D
ClientSampleId :
BACKYARD-BOTTOM-A

Tgt Ion:117 Resp: 127563
Ion Ratio Lower Upper
117 100
82 47.6 41.6 62.4
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074601.D
Acq: 20 Oct 2022 16:51

Tgt Ion:152 Resp: 48577
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 155.6 0.0 348.2

