

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078095.D
 Acq On : 28 Dec 2023 16:25
 Operator : RP/MD
 Sample : 06034-01
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-122723

Quant Time: Dec 28 22:27:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	18253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	29546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	31520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15885	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	11761	72.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.840%
35) Dibromofluoromethane	7.811	113	10917	57.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.860%
50) Toluene-d8	10.269	98	36027	53.857	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.720%
62) 4-Bromofluorobenzene	12.575	95	12289	57.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.200%

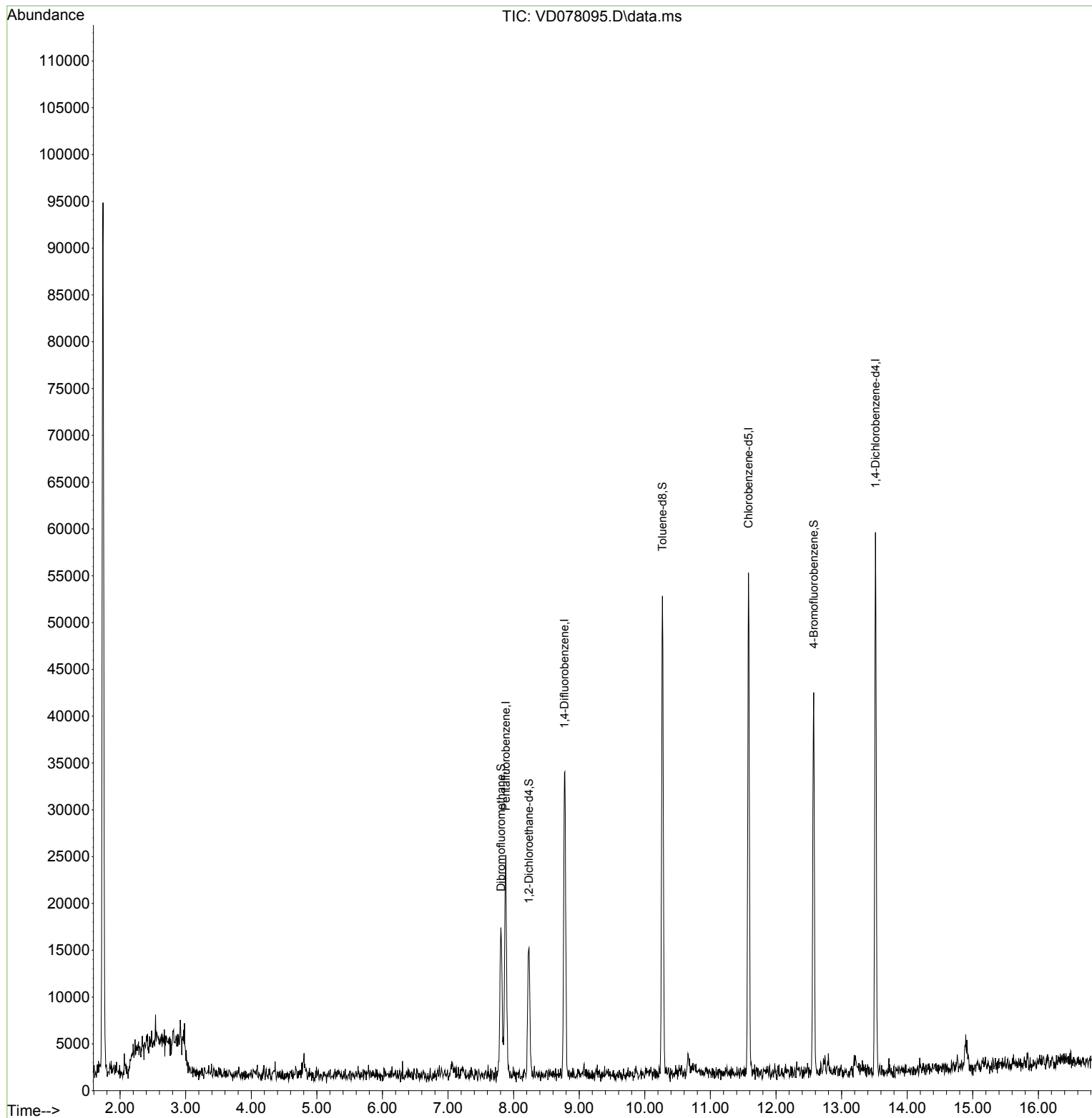
Target Compounds	Qvalue

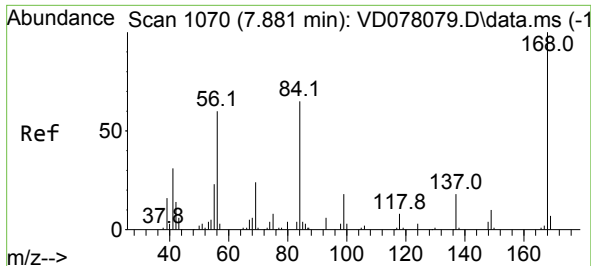
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
Data File : VD078095.D
Acq On : 28 Dec 2023 16:25
Operator : RP/MD
Sample : 06034-01
Misc : 5.03G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-03-122723

Quant Time: Dec 28 22:27:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

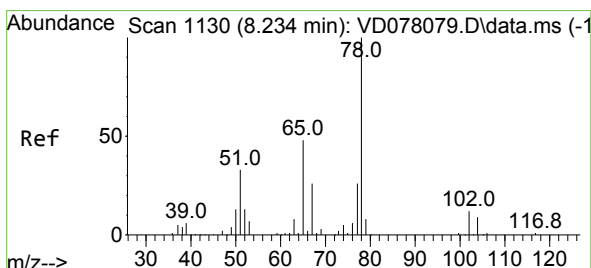
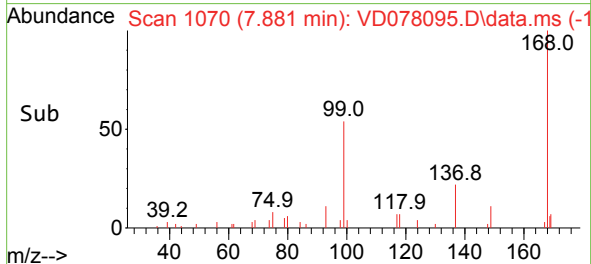
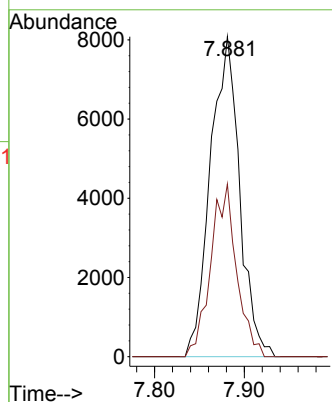
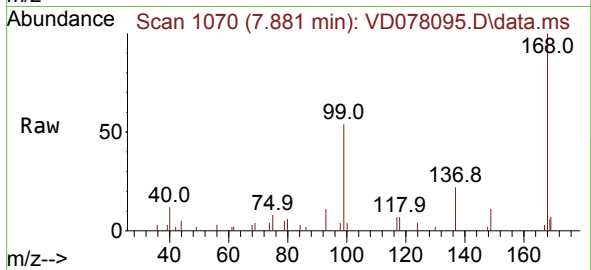




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078095.D
Acq: 28 Dec 2023 16:25

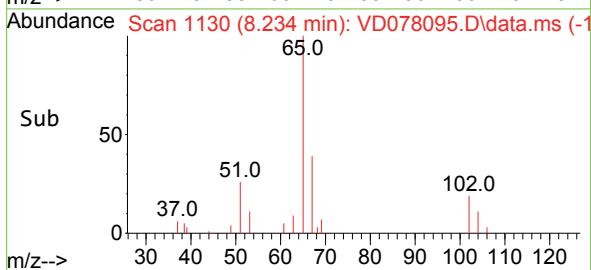
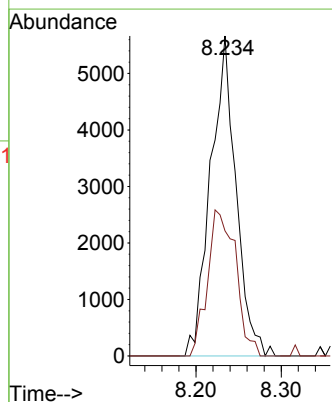
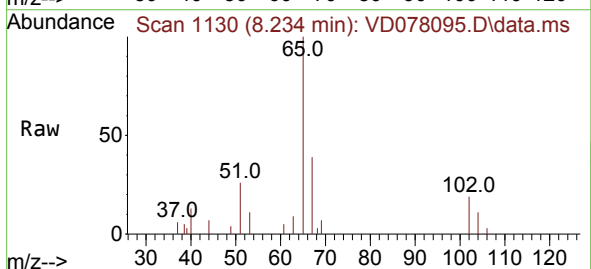
Instrument :
MSVOA_D
ClientSampleId :
EO-03-122723

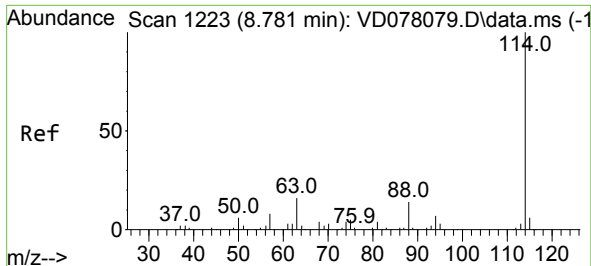
Tgt Ion:168 Resp: 18253
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 72.415 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078095.D
Acq: 28 Dec 2023 16:25

Tgt Ion: 65 Resp: 11761
Ion Ratio Lower Upper
65 100
67 50.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD078095.D

Acq: 28 Dec 2023 16:25

Instrument :

MSVOA_D

ClientSampleId :

EO-03-122723

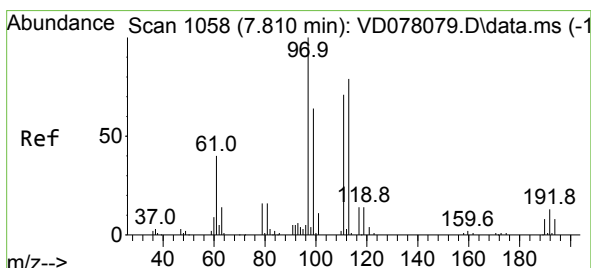
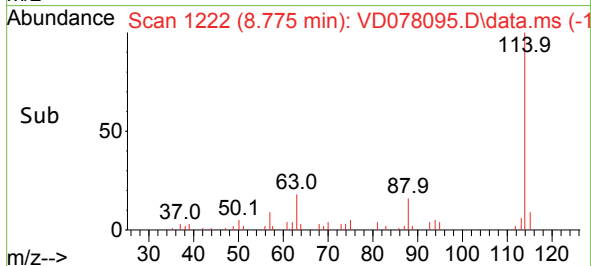
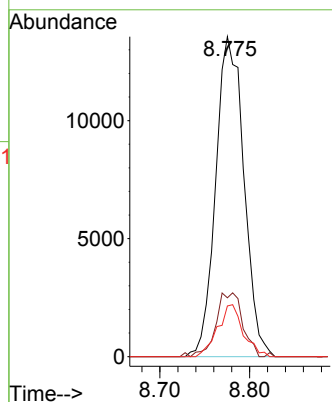
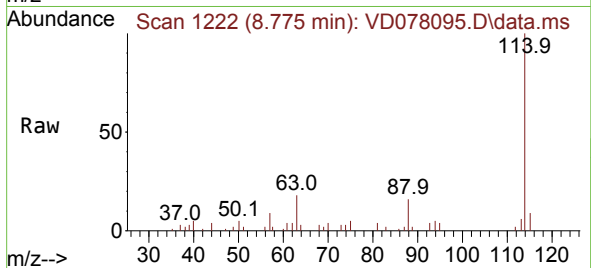
Tgt Ion:114 Resp: 29546

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 15.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 57.425 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078095.D

Acq: 28 Dec 2023 16:25

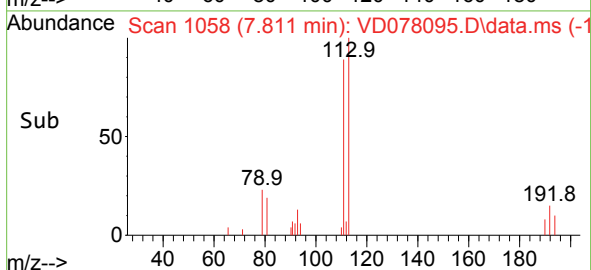
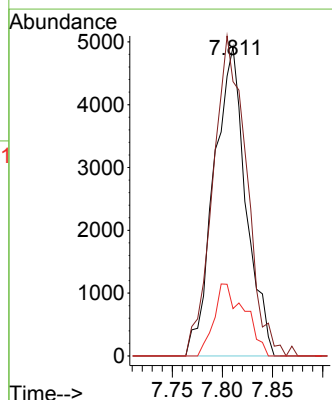
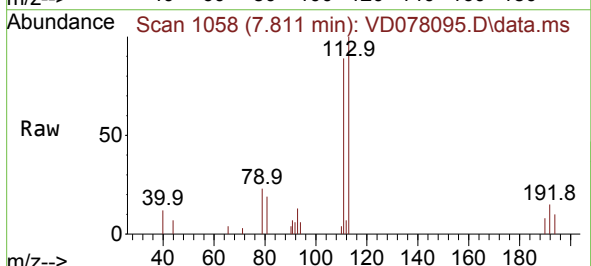
Tgt Ion:113 Resp: 10917

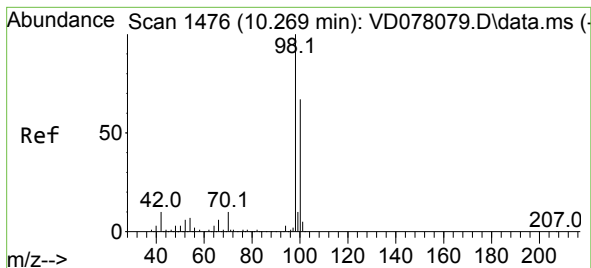
Ion Ratio Lower Upper

113 100

111 108.8 84.7 127.1

192 22.5 16.8 25.2

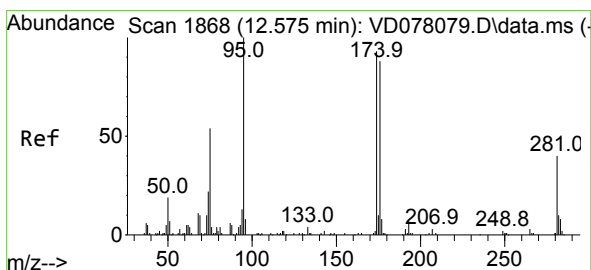
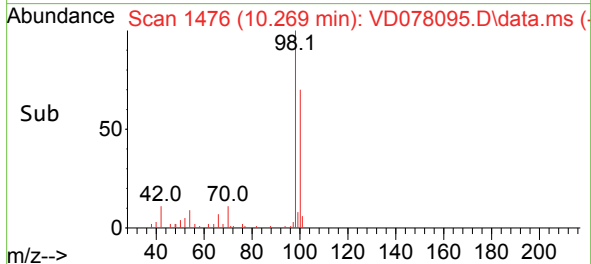
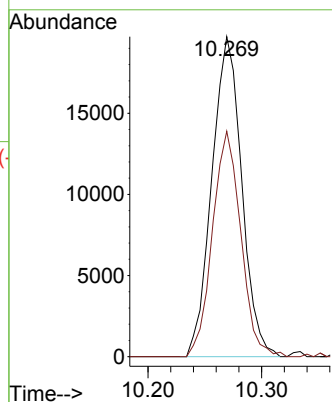
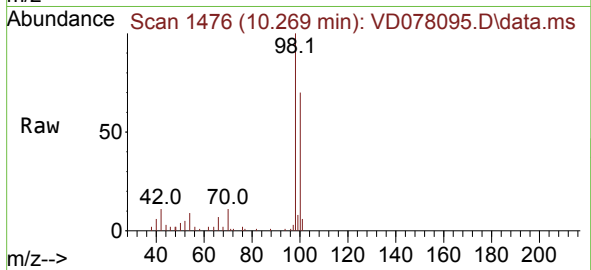




#50
Toluene-d8
Concen: 53.857 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078095.D
Acq: 28 Dec 2023 16:25

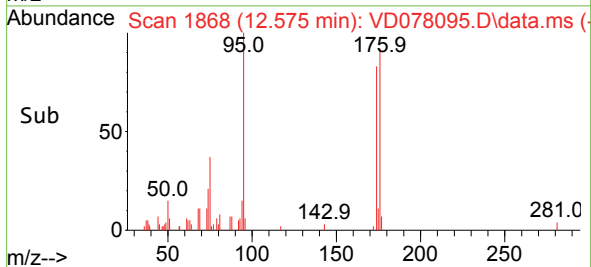
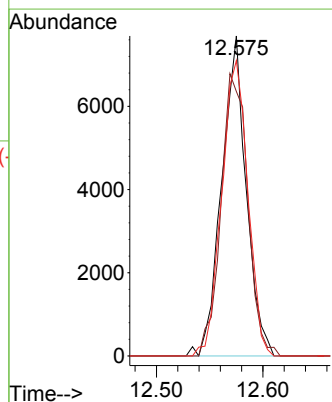
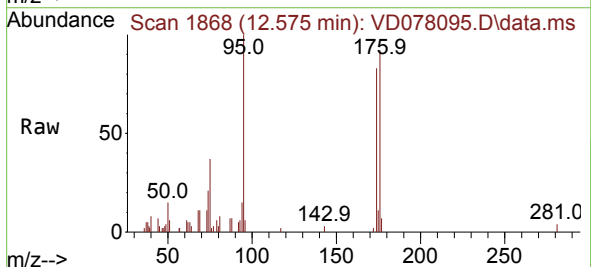
Instrument :
MSVOA_D
ClientSampleId :
EO-03-122723

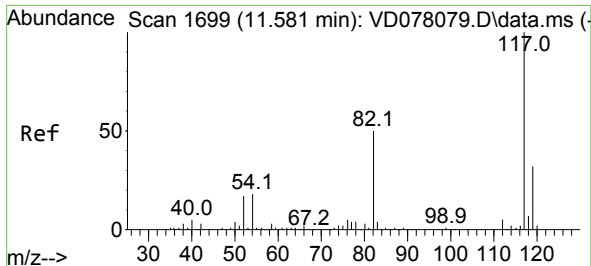
Tgt Ion: 98 Resp: 36027
Ion Ratio Lower Upper
98 100
100 66.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.096 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078095.D
Acq: 28 Dec 2023 16:25

Tgt Ion: 95 Resp: 12289
Ion Ratio Lower Upper
95 100
174 96.3 0.0 201.8
176 98.4 0.0 191.8

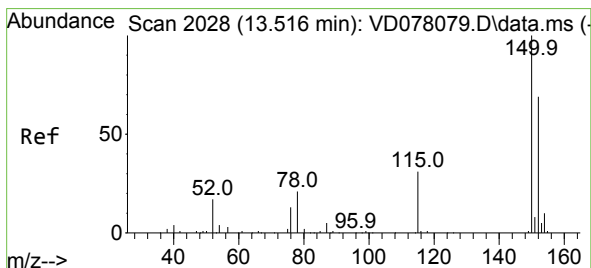
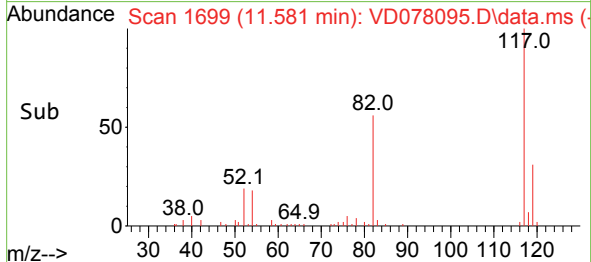
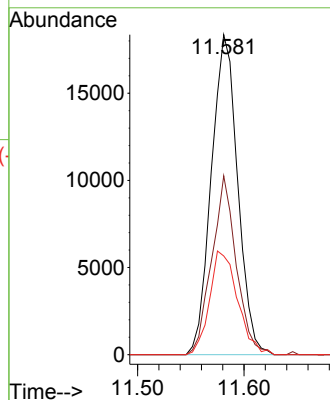
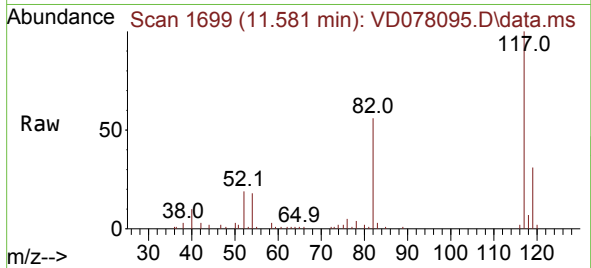




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078095.D
Acq: 28 Dec 2023 16:25

Instrument :
MSVOA_D
ClientSampleId :
EO-03-122723

Tgt Ion:117 Resp: 31520
Ion Ratio Lower Upper
117 100
82 55.9 38.3 57.5
119 30.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078095.D
Acq: 28 Dec 2023 16:25

Tgt Ion:152 Resp: 15885
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 153.7 0.0 353.6

