

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078148.D
 Acq On : 11 Jan 2024 13:16
 Operator : RP/MD
 Sample : P1104-07
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-VOC

Quant Time: Jan 12 00:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	123530	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	254645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	248359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63389	48.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.480%
35) Dibromofluoromethane	7.810	113	79511	43.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.640%
50) Toluene-d8	10.269	98	318973	51.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.575	95	93264	43.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.060%

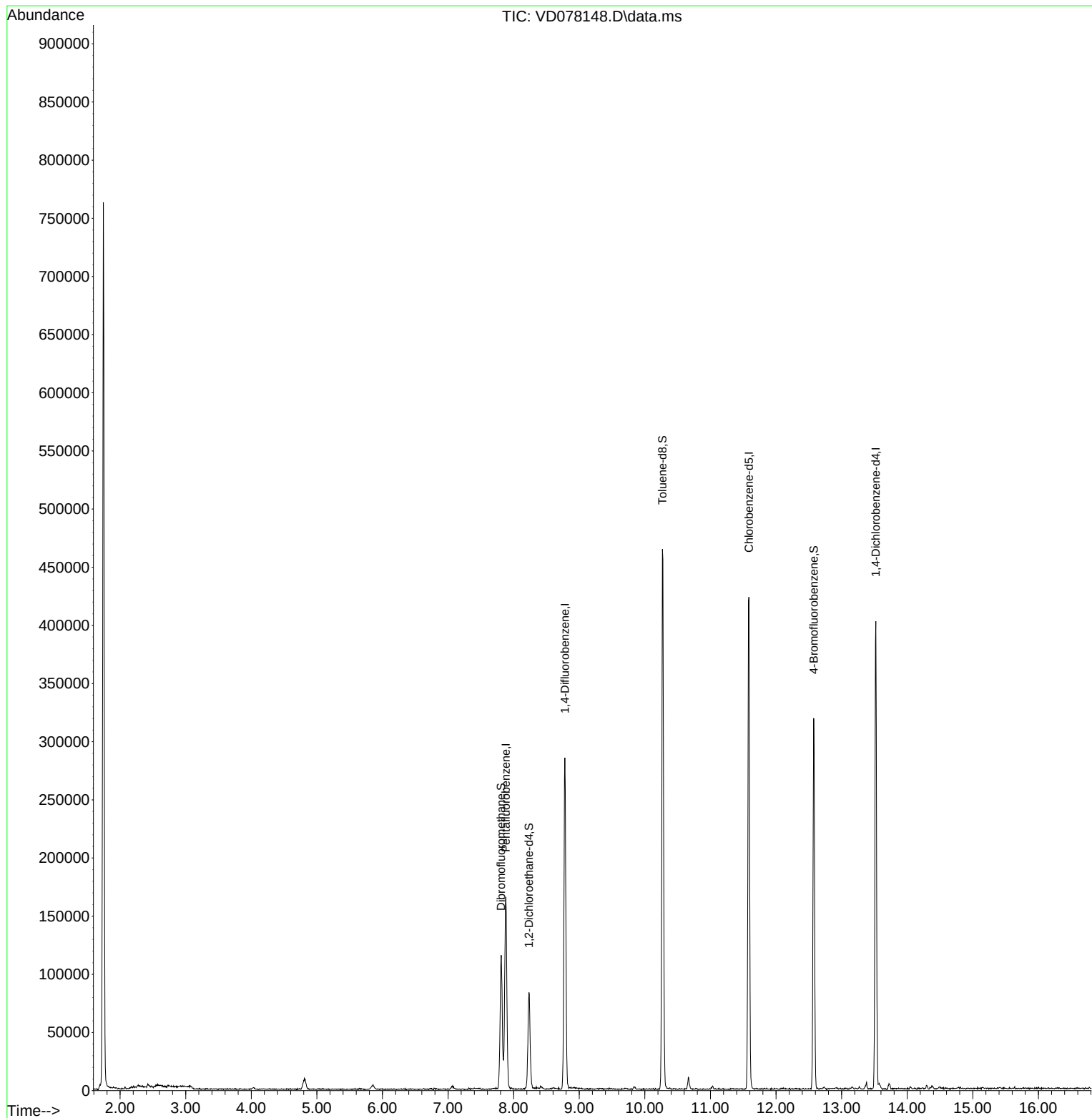
Target Compounds Qvalue

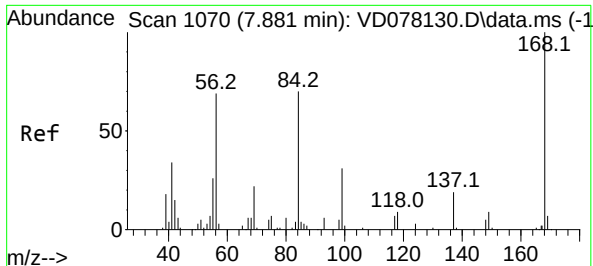
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
Data File : VD078148.D
Acq On : 11 Jan 2024 13:16
Operator : RP/MD
Sample : P1104-07
Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

Quant Time: Jan 12 00:37:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration

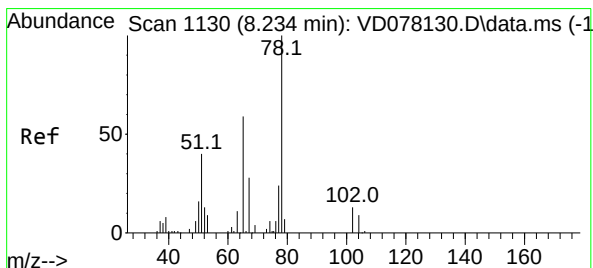
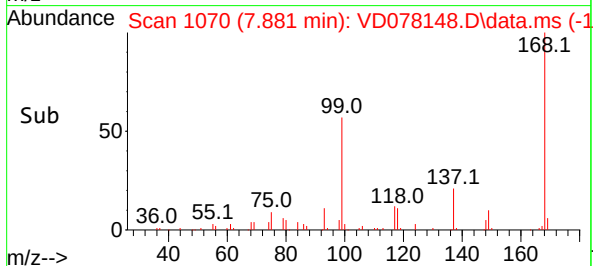
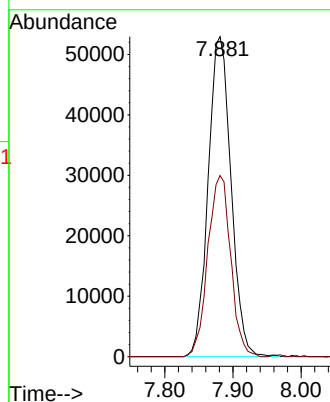
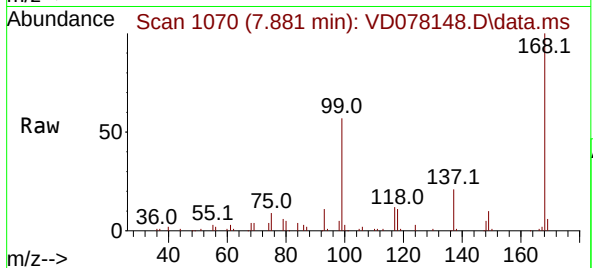




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

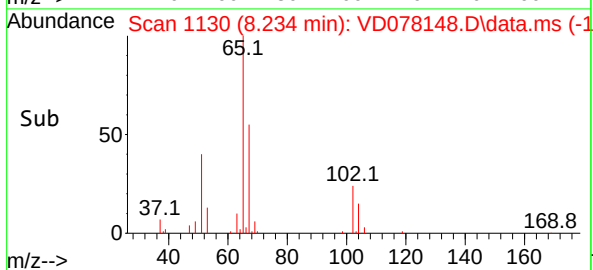
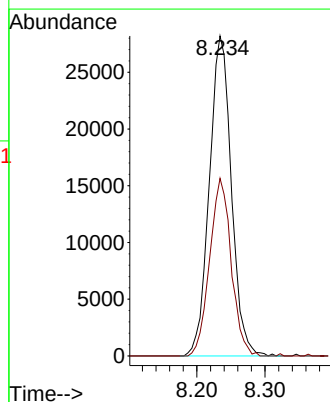
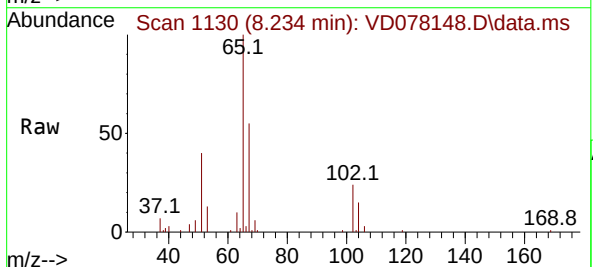
Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

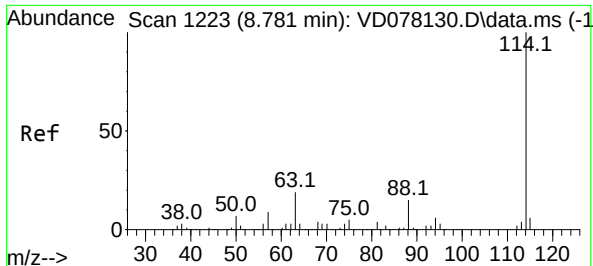
Tgt Ion:168 Resp: 123530
Ion Ratio Lower Upper
168 100
99 56.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 48.742 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

Tgt Ion: 65 Resp: 63389
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078148.D

Acq: 11 Jan 2024 13:16

Instrument :

MSVOA_D

ClientSampleId :

TP-2-VOC

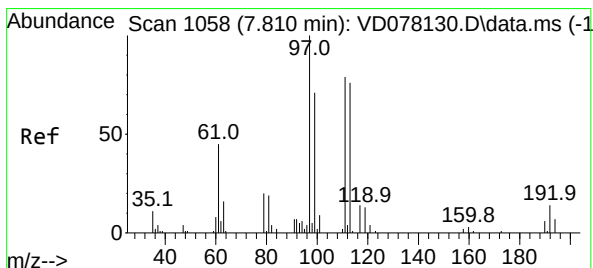
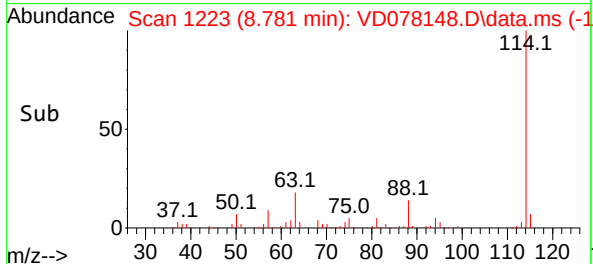
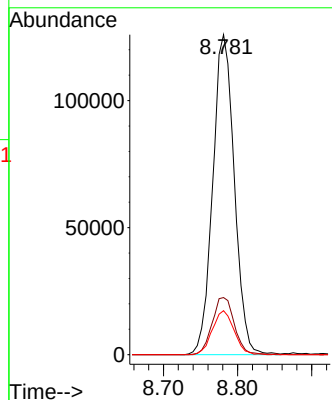
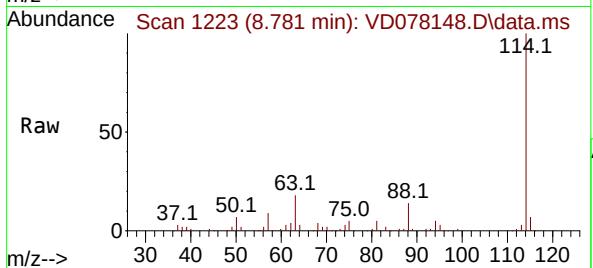
Tgt Ion:114 Resp: 254645

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.325 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078148.D

Acq: 11 Jan 2024 13:16

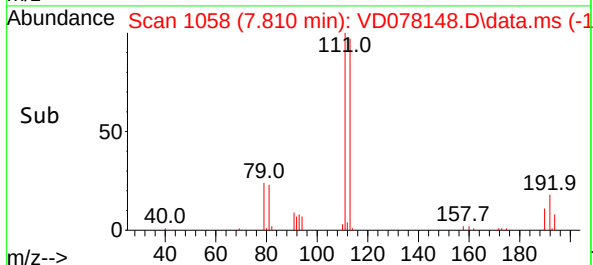
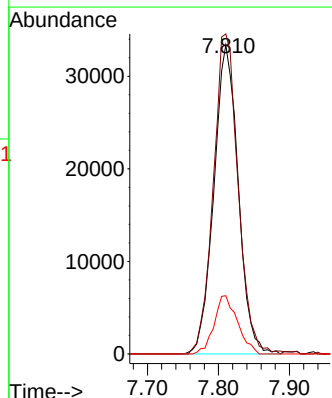
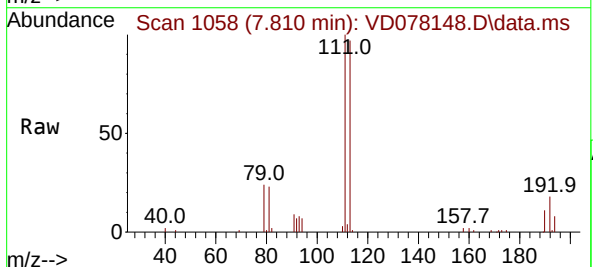
Tgt Ion:113 Resp: 79511

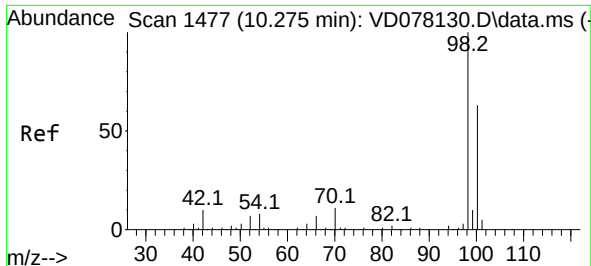
Ion Ratio Lower Upper

113 100

111 105.6 84.7 127.1

192 18.0 16.8 25.2

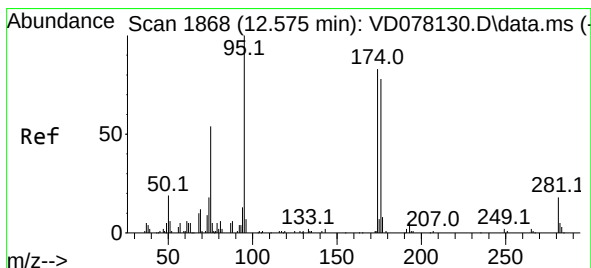
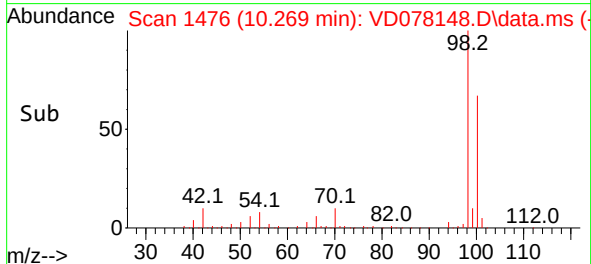
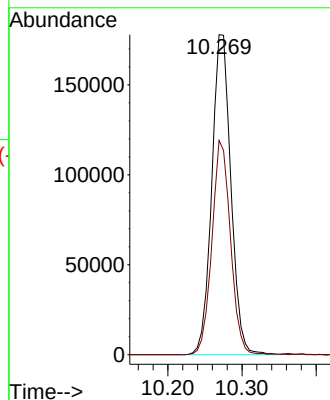
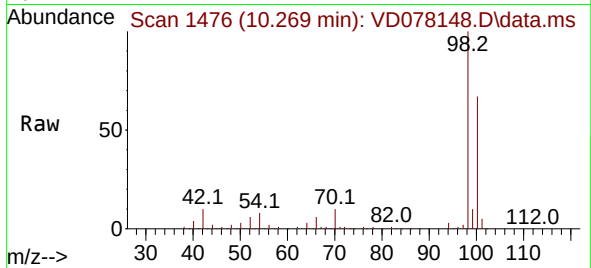




#50
Toluene-d8
Concen: 51.825 ug/l
RT: 10.269 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

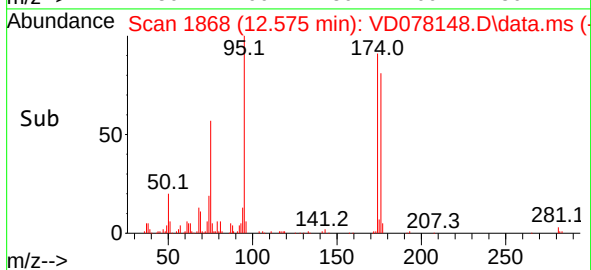
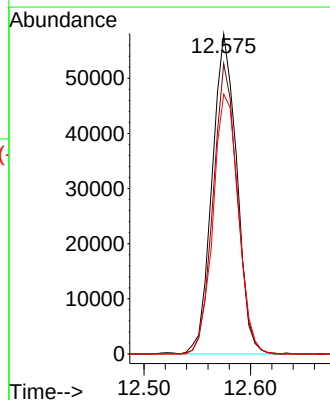
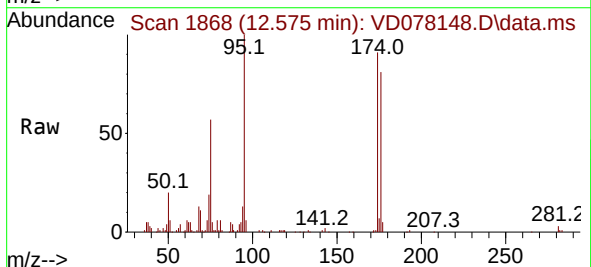
Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

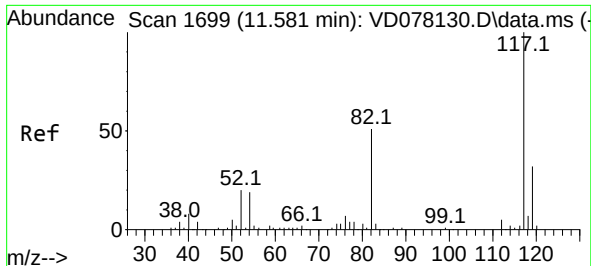
Tgt Ion: 98 Resp: 318973
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.530 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

Tgt Ion: 95 Resp: 93264
Ion Ratio Lower Upper
95 100
174 88.0 0.0 201.8
176 83.8 0.0 191.8

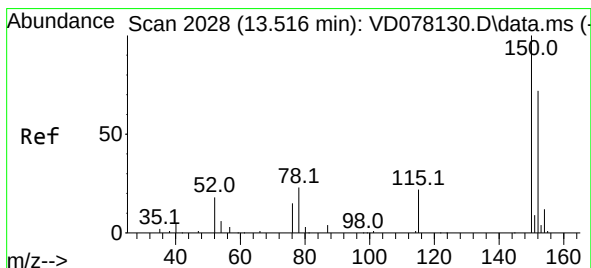
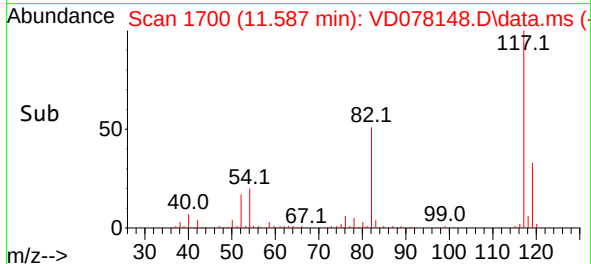
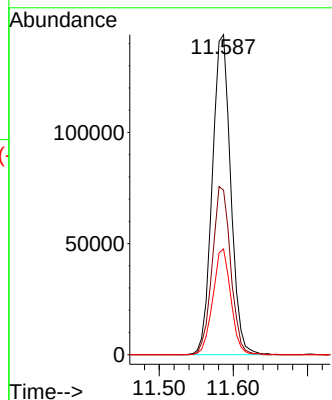
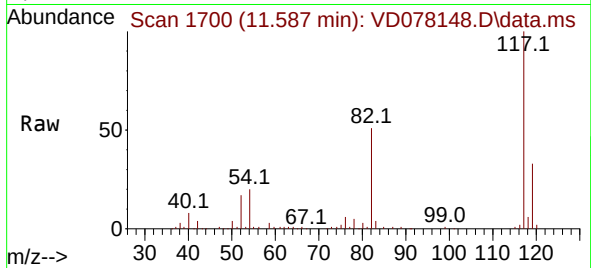




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

Tgt Ion:117 Resp: 248359
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 33.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

Tgt Ion:152 Resp: 106400
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 157.7 0.0 353.6

