

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078147.D
 Acq On : 11 Jan 2024 12:49
 Operator : RP/MD
 Sample : P1104-03
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-VOC

Quant Time: Jan 12 00:36:45 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	7.875	168	118516	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	238819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	230113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	96018	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63930	51.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.480%
35) Dibromofluoromethane	7.811	113	76113	44.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.440%
50) Toluene-d8	10.269	98	298852	51.774	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.575	95	86642	43.119	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.240%

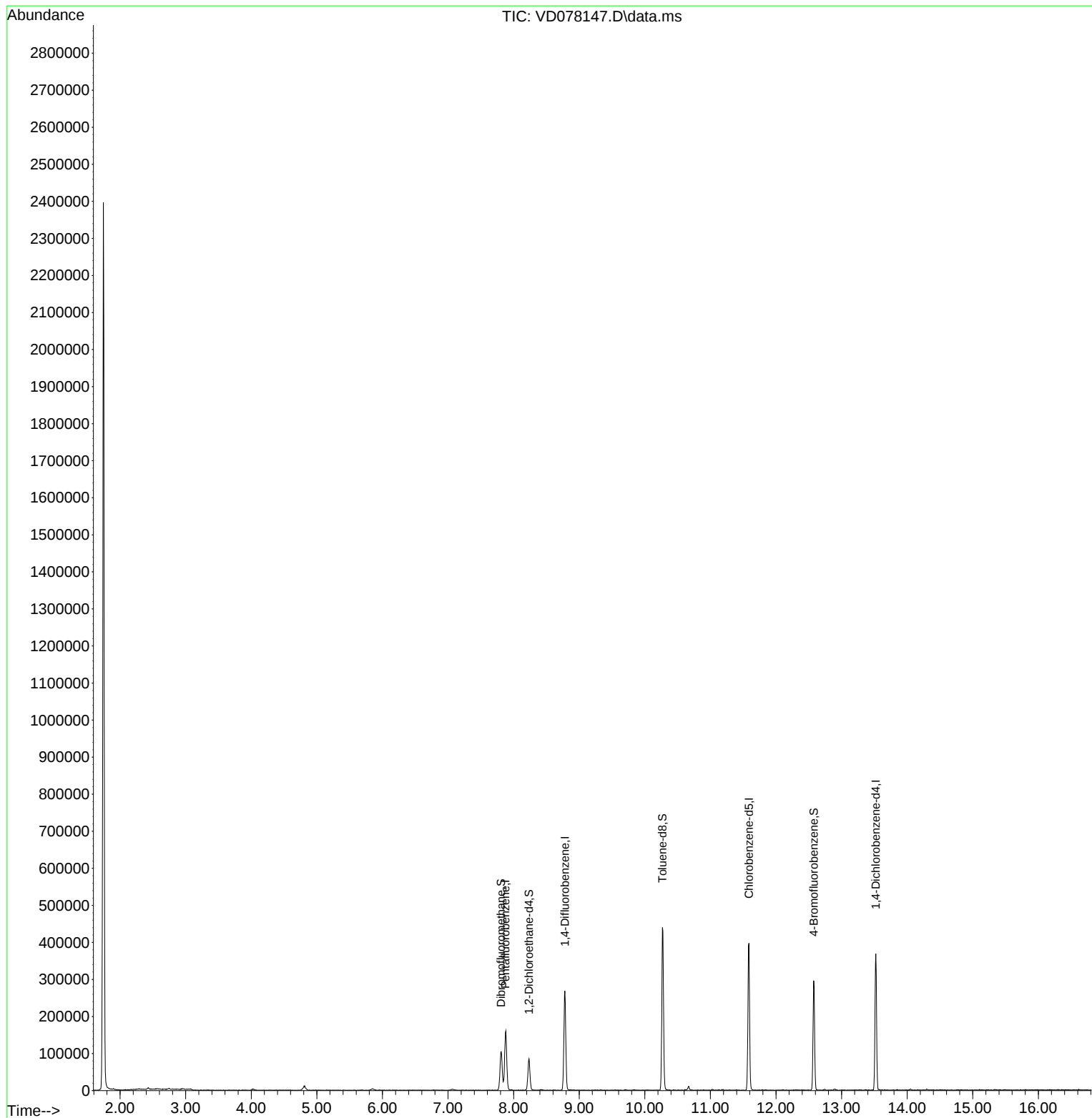
Target Compounds	Qvalue

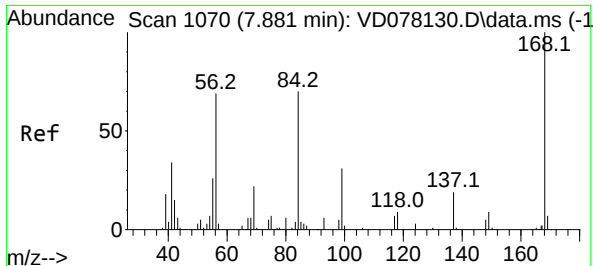
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
Data File : VD078147.D
Acq On : 11 Jan 2024 12:49
Operator : RP/MD
Sample : P1104-03
Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

Quant Time: Jan 12 00:36:45 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

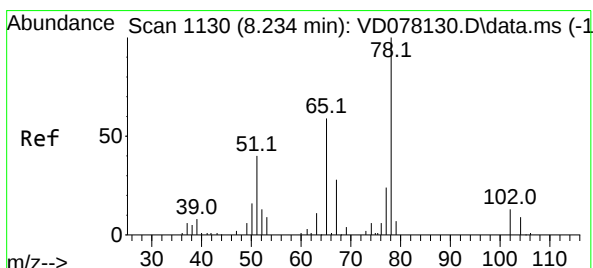
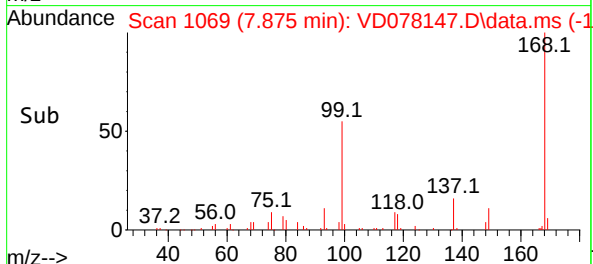
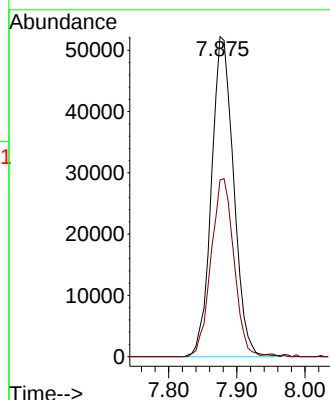
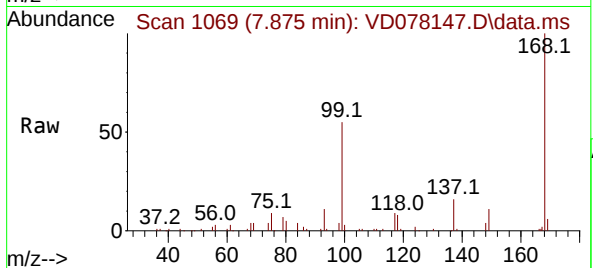




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

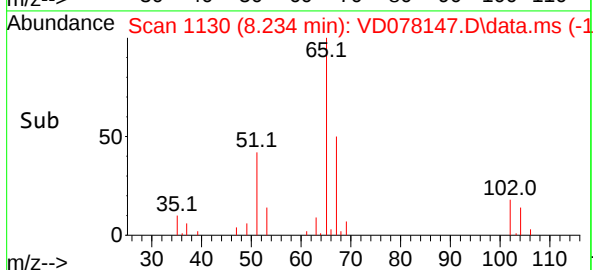
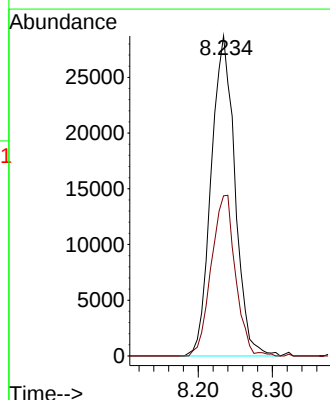
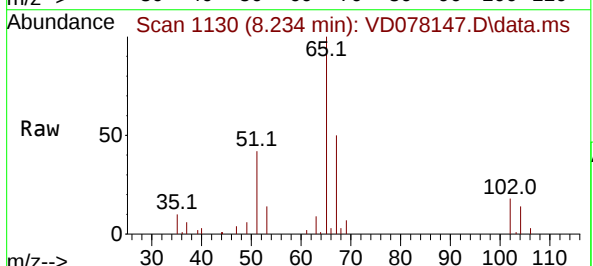
Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

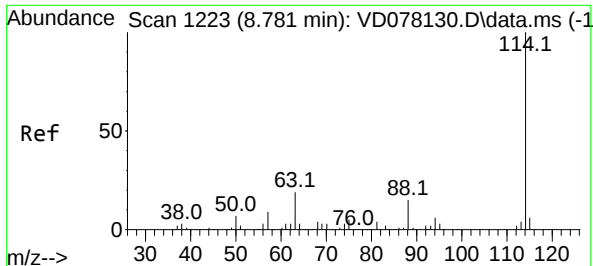
Tgt Ion:168 Resp: 118516
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 51.238 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

Tgt Ion: 65 Resp: 63930
Ion Ratio Lower Upper
65 100
67 51.0 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: VD078147.D

Acq: 11 Jan 2024 12:49

Instrument :

MSVOA_D

ClientSampleId :

TP-1-VOC

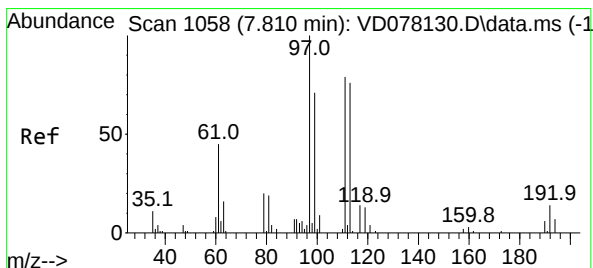
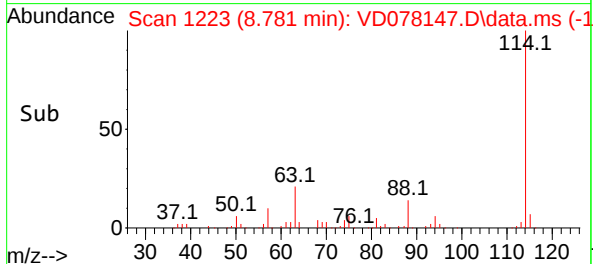
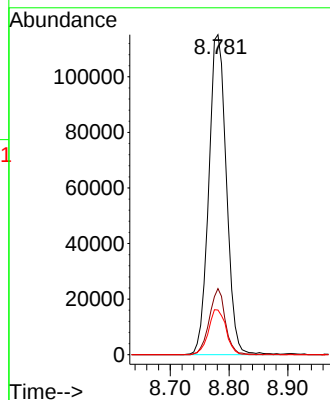
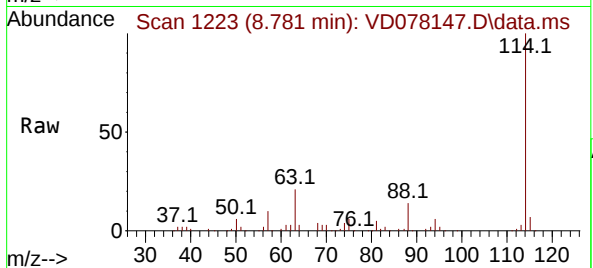
Tgt Ion:114 Resp: 238819

Ion Ratio Lower Upper

114 100

63 20.6 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.222 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078147.D

Acq: 11 Jan 2024 12:49

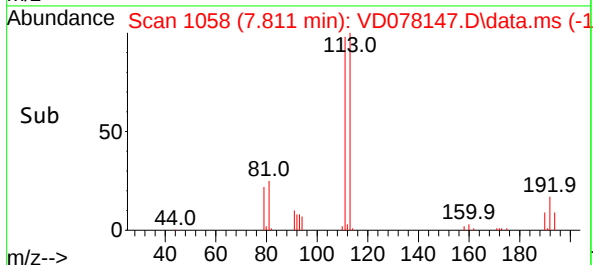
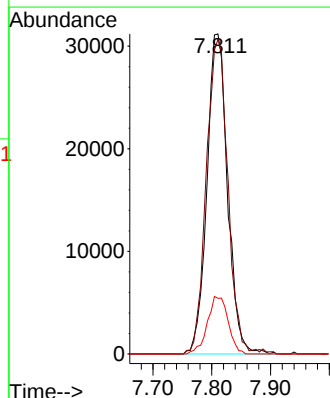
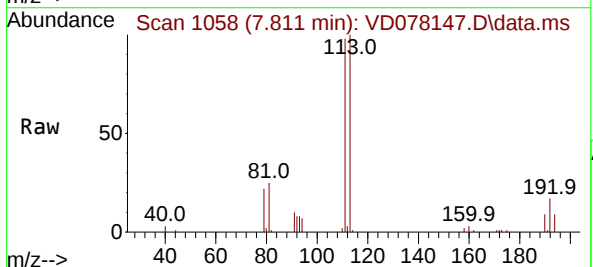
Tgt Ion:113 Resp: 76113

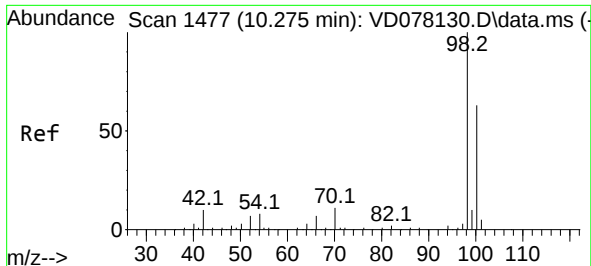
Ion Ratio Lower Upper

113 100

111 101.8 84.7 127.1

192 18.0 16.8 25.2

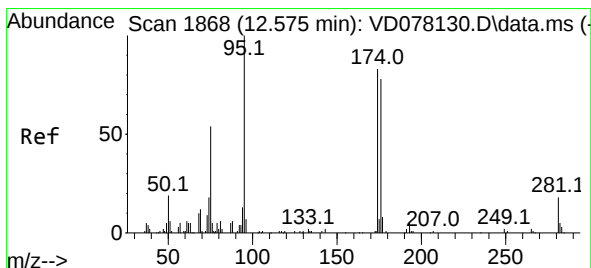
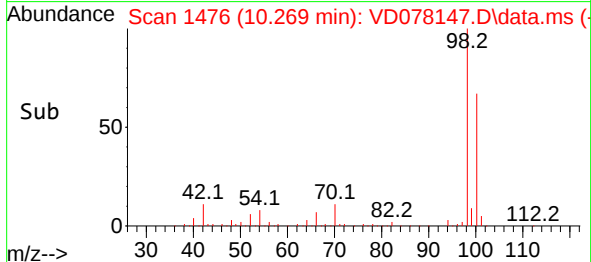
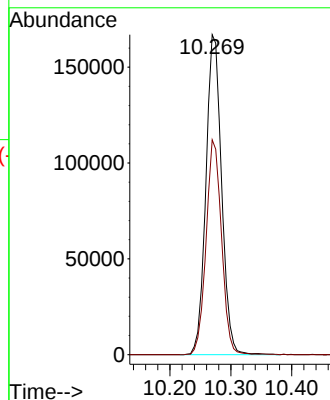
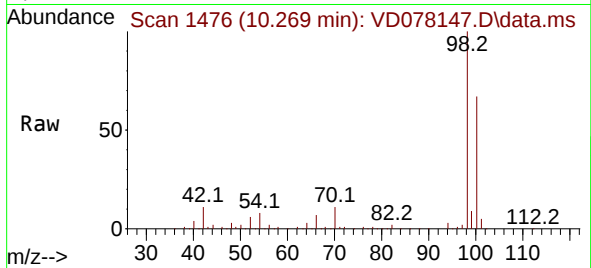




#50
Toluene-d8
Concen: 51.774 ug/l
RT: 10.269 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

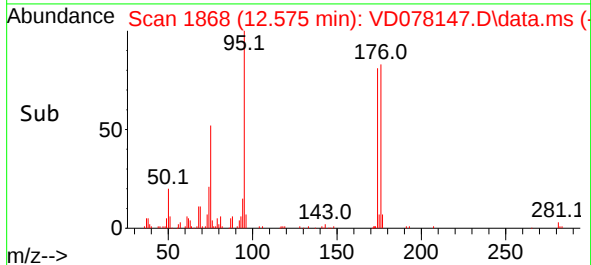
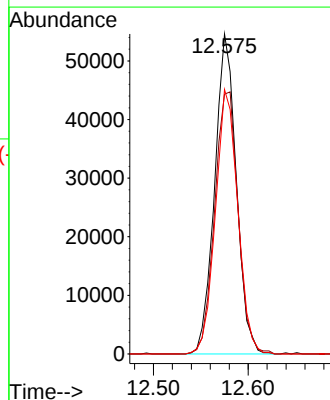
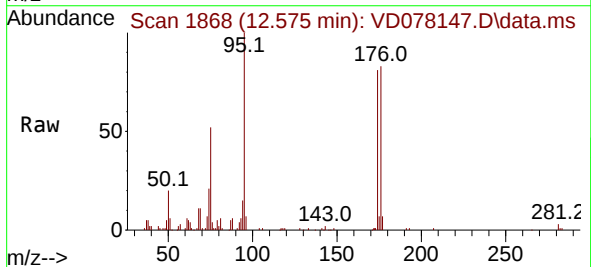
Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

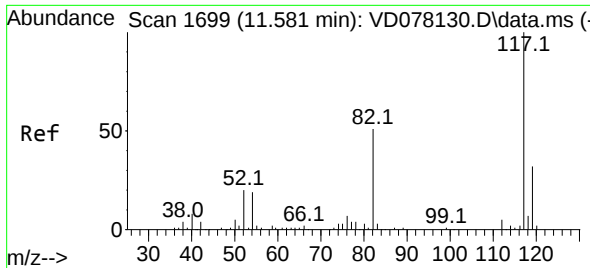
Tgt Ion: 98 Resp: 298852
Ion Ratio Lower Upper
98 100
100 66.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.119 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

Tgt Ion: 95 Resp: 86642
Ion Ratio Lower Upper
95 100
174 88.9 0.0 201.8
176 85.3 0.0 191.8

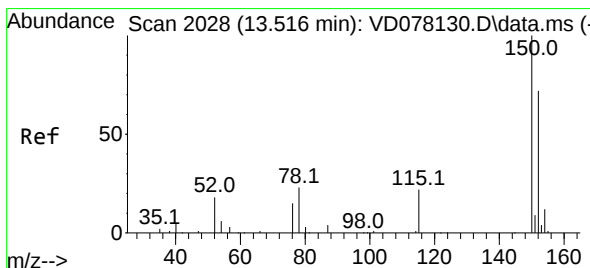
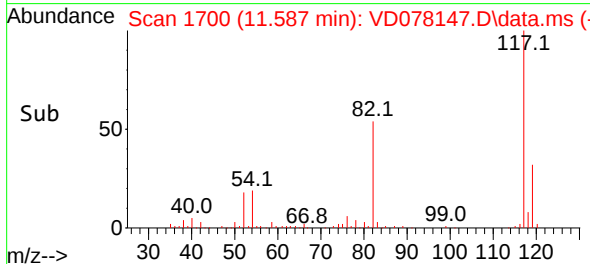
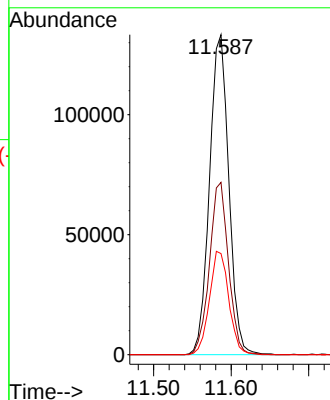
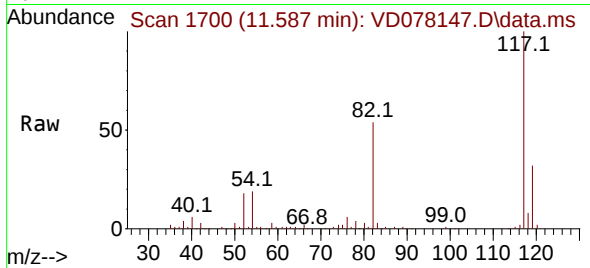




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

Tgt Ion:117 Resp: 230113
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 31.6 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: VD078147.D
Acq: 11 Jan 2024 12:49

Tgt Ion:152 Resp: 96018
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 165.5 0.0 353.6

