

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078933.D
 Acq On : 15 May 2024 16:46
 Operator : RP/MD
 Sample : P2486-07
 Misc : 4.69G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WCS-TPL-VOC

Quant Time: May 16 01:26:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	92120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	230935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55888	64.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.360%
35) Dibromofluoromethane	7.810	113	80290	52.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.460%
50) Toluene-d8	10.269	98	301136	52.254	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.500%
62) 4-Bromofluorobenzene	12.569	95	76669	47.357	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.720%

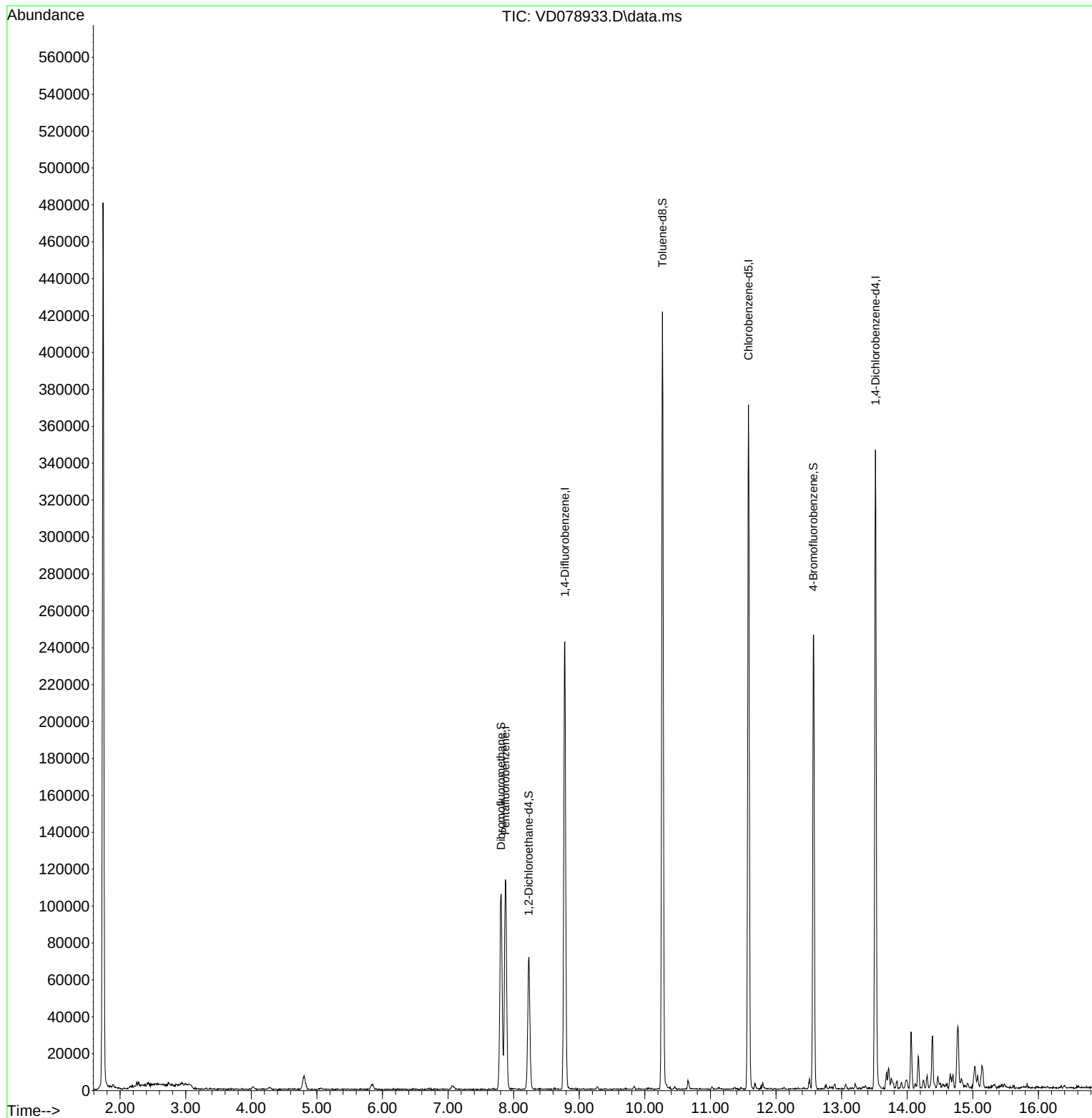
Target Compounds	Qvalue

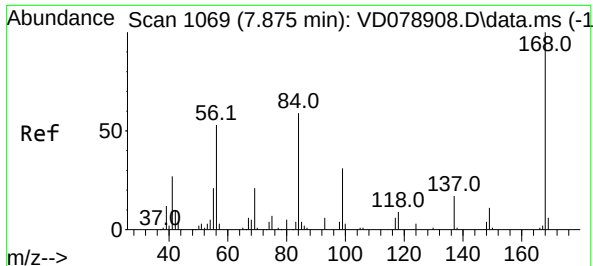
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
Data File : VD078933.D
Acq On : 15 May 2024 16:46
Operator : RP/MD
Sample : P2486-07
Misc : 4.69G/5ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL-VOC

Quant Time: May 16 01:26:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

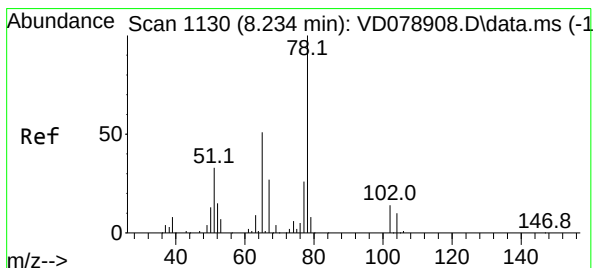
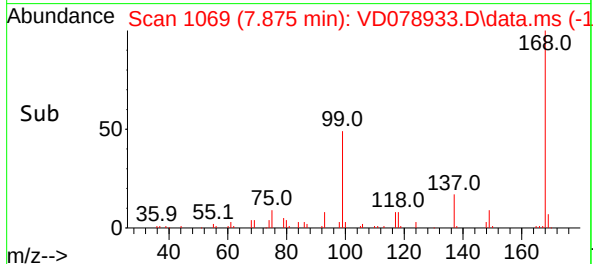
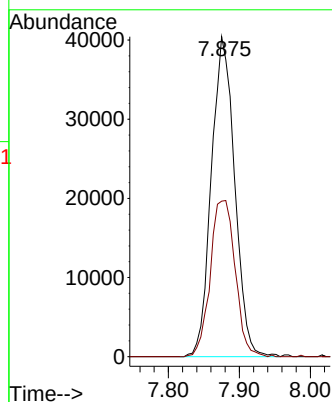
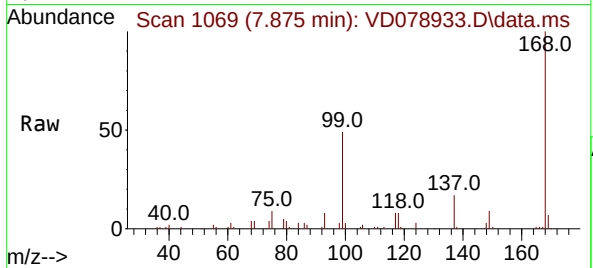




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078933.D
Acq: 15 May 2024 16:46

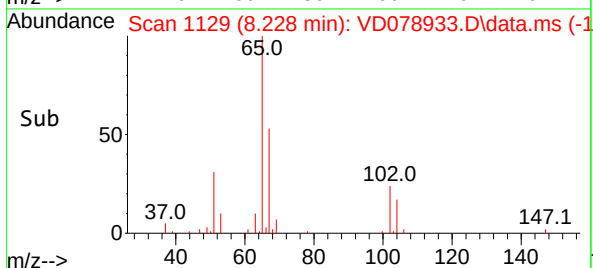
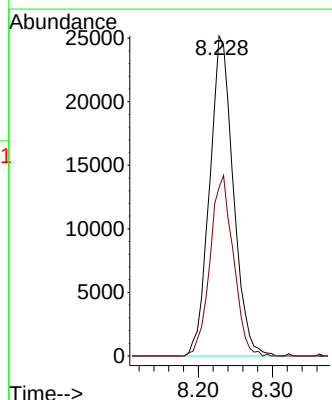
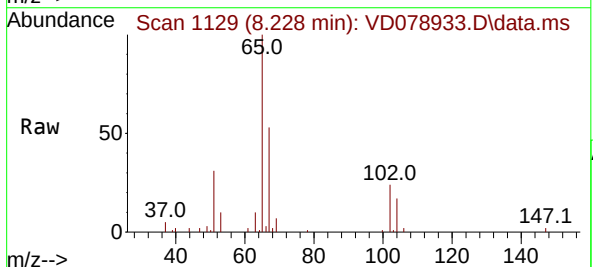
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL-VOC

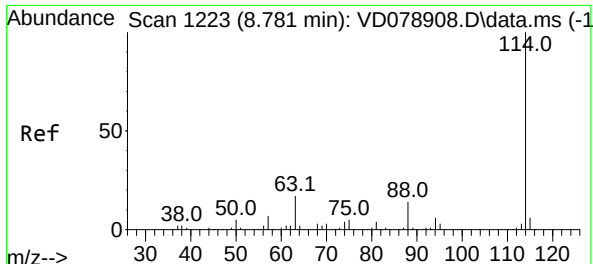
Tgt Ion:168 Resp: 92120
Ion Ratio Lower Upper
168 100
99 48.6 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 64.679 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078933.D
Acq: 15 May 2024 16:46

Tgt Ion: 65 Resp: 55888
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078933.D

Acq: 15 May 2024 16:46

Instrument :

MSVOA_D

ClientSampleId :

WCS-TPL-VOC

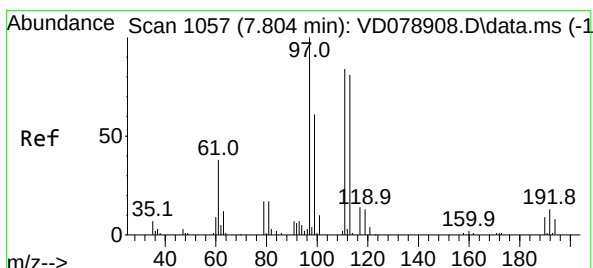
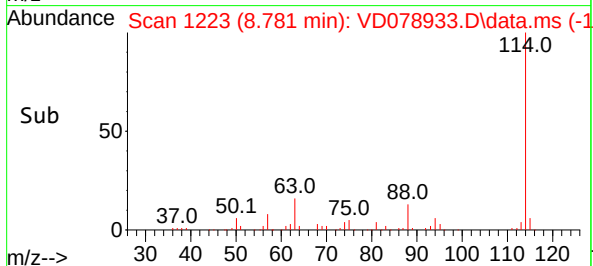
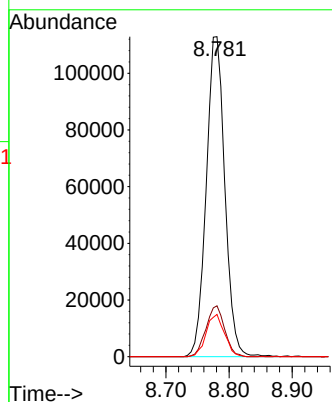
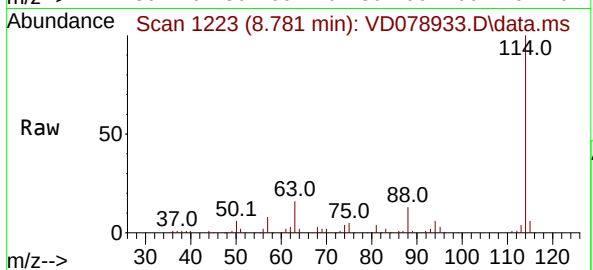
Tgt Ion:114 Resp: 230935

Ion Ratio Lower Upper

114 100

63 15.9 0.0 34.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.229 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078933.D

Acq: 15 May 2024 16:46

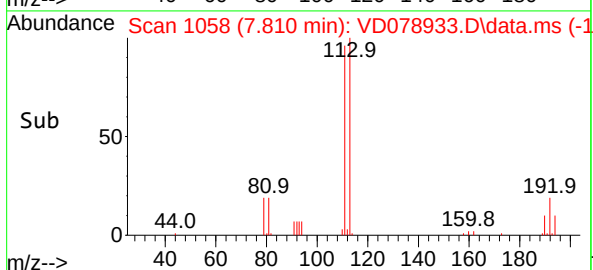
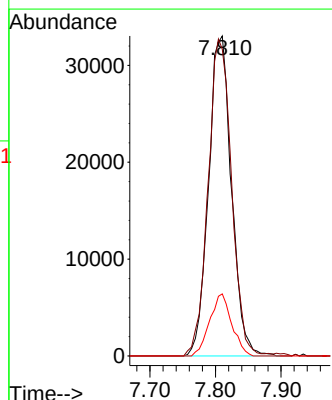
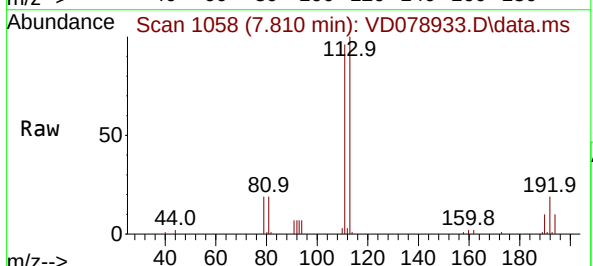
Tgt Ion:113 Resp: 80290

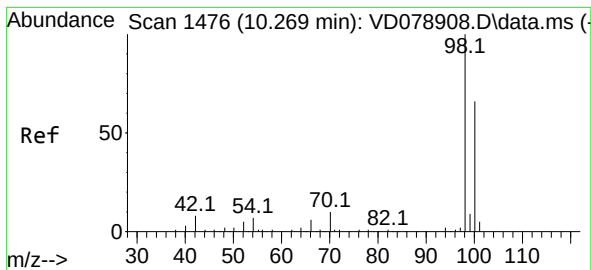
Ion Ratio Lower Upper

113 100

111 100.9 84.0 126.0

192 18.6 15.4 23.0

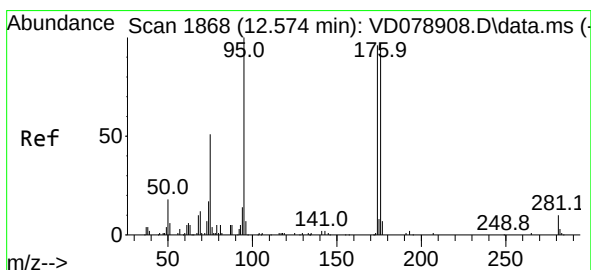
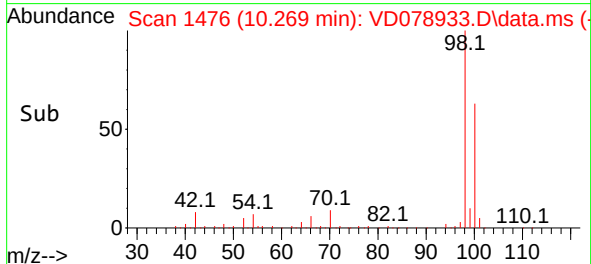
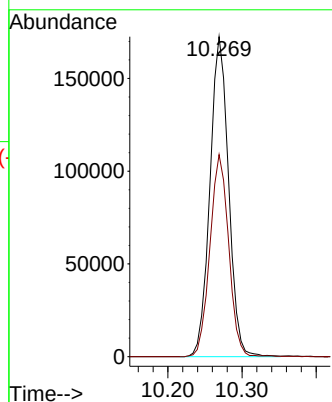
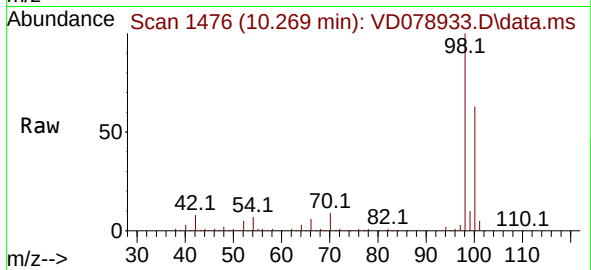




#50
Toluene-d8
Concen: 52.254 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078933.D
Acq: 15 May 2024 16:46

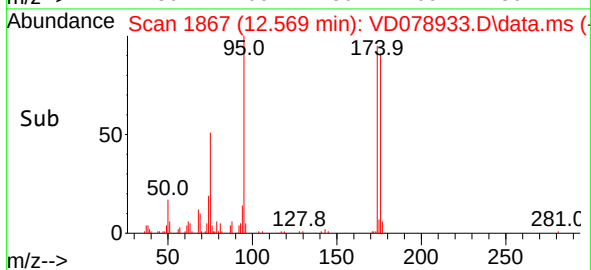
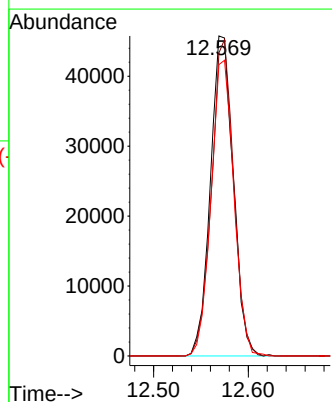
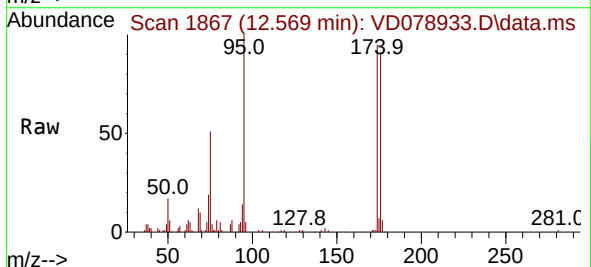
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL-VOC

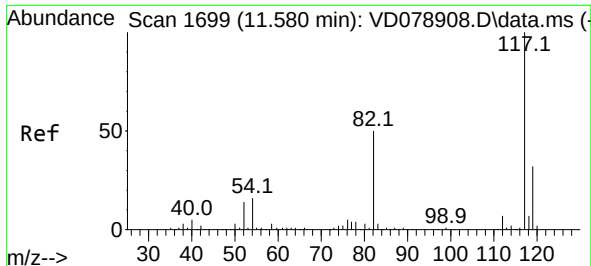
Tgt Ion: 98 Resp: 301136
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.357 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VD078933.D
Acq: 15 May 2024 16:46

Tgt Ion: 95 Resp: 76669
Ion Ratio Lower Upper
95 100
174 95.8 0.0 195.4
176 92.0 0.0 192.6

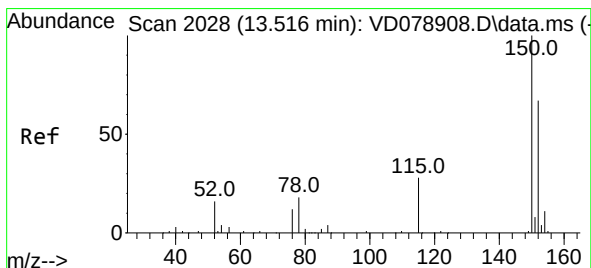
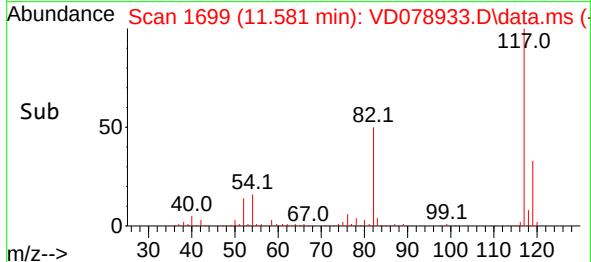
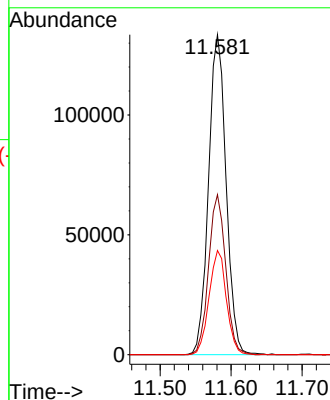
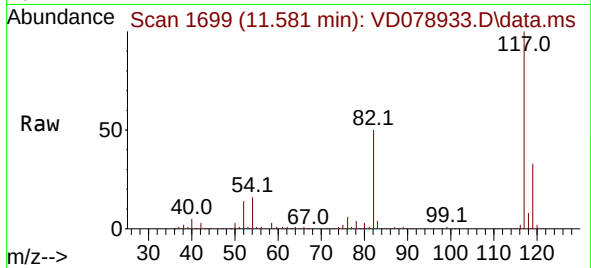




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078933.D
Acq: 15 May 2024 16:46

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL-VOC

Tgt Ion:117 Resp: 229810
Ion Ratio Lower Upper
117 100
82 50.0 39.8 59.6
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078933.D
Acq: 15 May 2024 16:46

Tgt Ion:152 Resp: 97823
Ion Ratio Lower Upper
152 100
115 55.3 26.5 79.5
150 161.2 0.0 341.6

