

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078946.D
 Acq On : 16 May 2024 14:34
 Operator : RP/MD
 Sample : P2491-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-277

Quant Time: May 17 06:10:24 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	104802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	241911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	232391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61671	62.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.460%
35) Dibromofluoromethane	7.805	113	82572	51.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.560%
50) Toluene-d8	10.269	98	303761	50.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.575	95	73888	43.569	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.140%

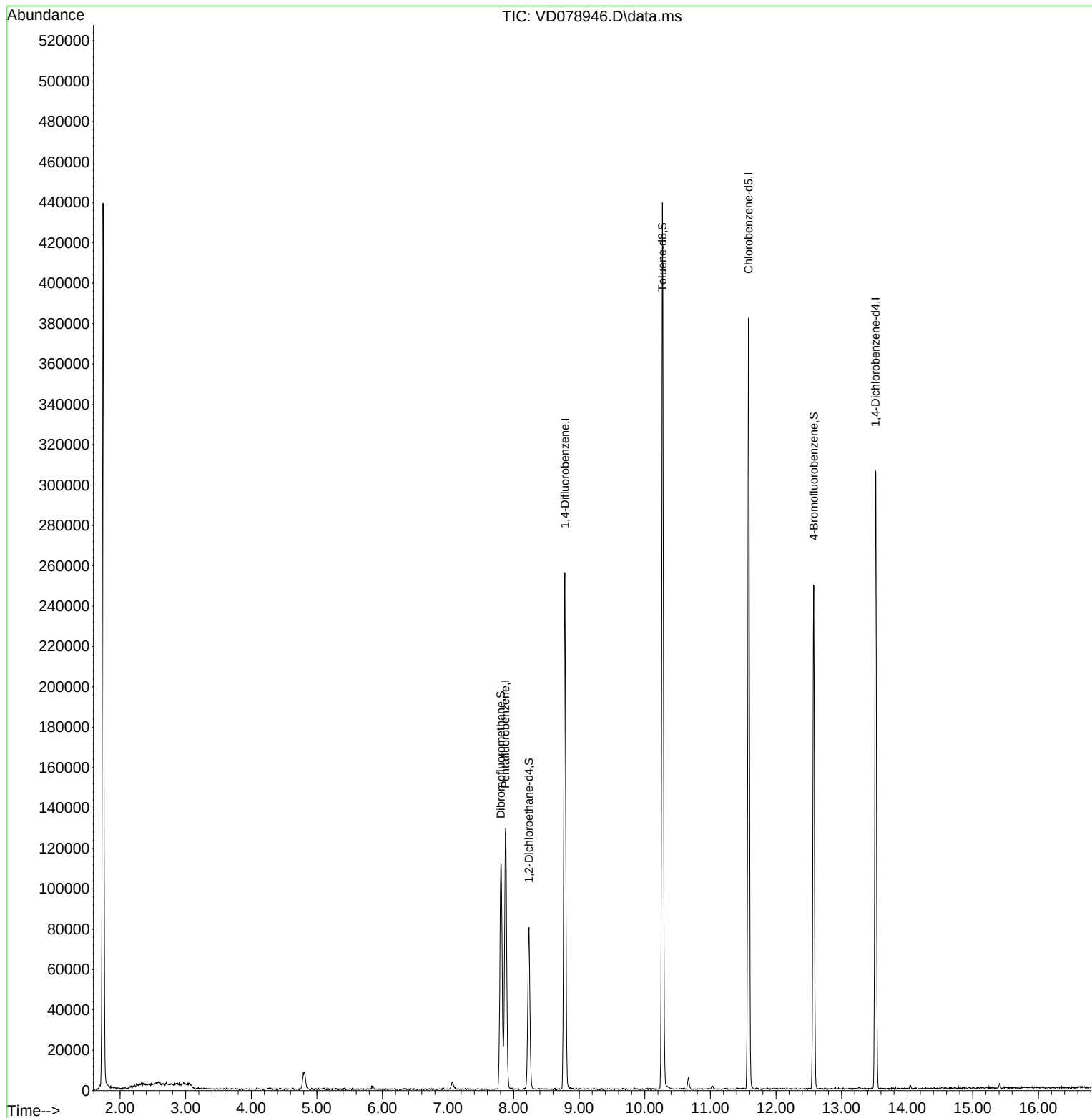
Target Compounds	Qvalue

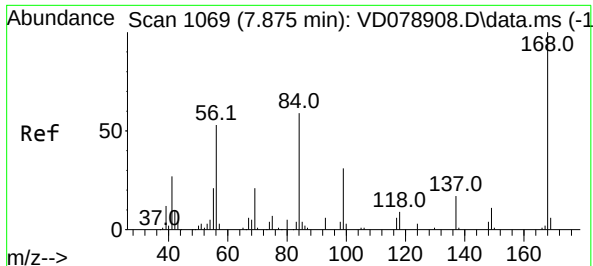
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
Data File : VD078946.D
Acq On : 16 May 2024 14:34
Operator : RP/MD
Sample : P2491-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-277

Quant Time: May 17 06:10:24 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

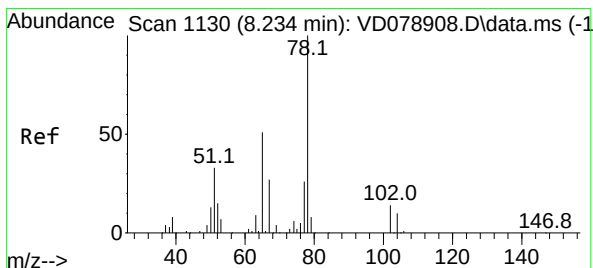
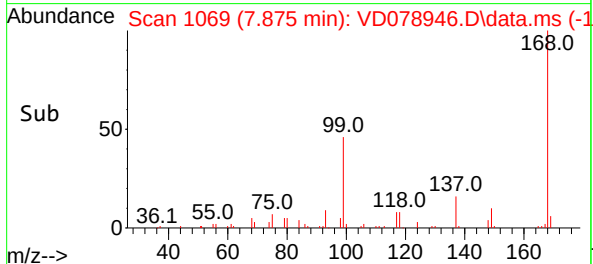
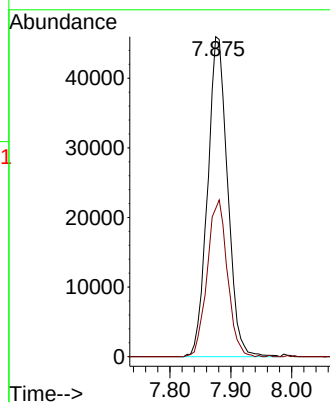
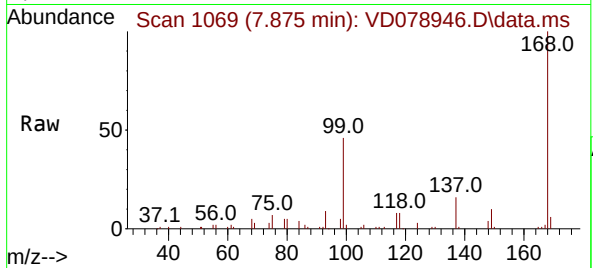




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

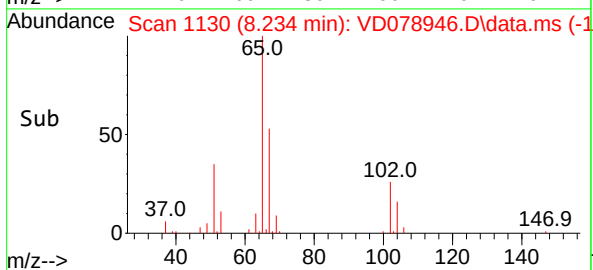
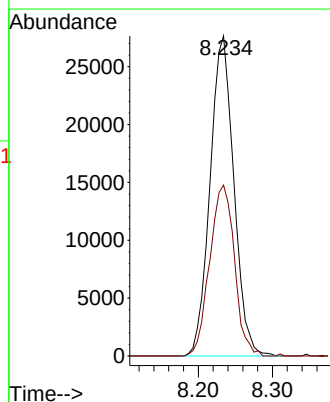
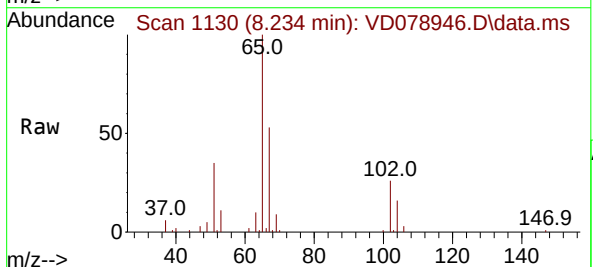
Instrument :
MSVOA_D
ClientSampleId :
VNJ-277

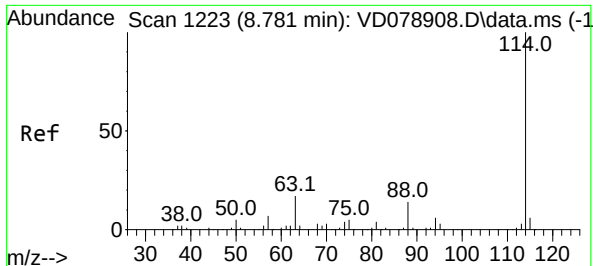
Tgt Ion:168 Resp: 104802
Ion Ratio Lower Upper
168 100
99 46.3 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 62.735 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

Tgt Ion: 65 Resp: 61671
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078946.D

Acq: 16 May 2024 14:34

Instrument :

MSVOA_D

ClientSampleId :

VNJ-277

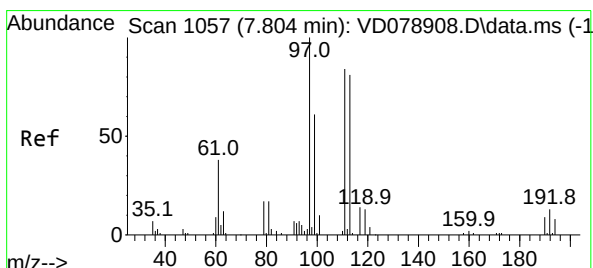
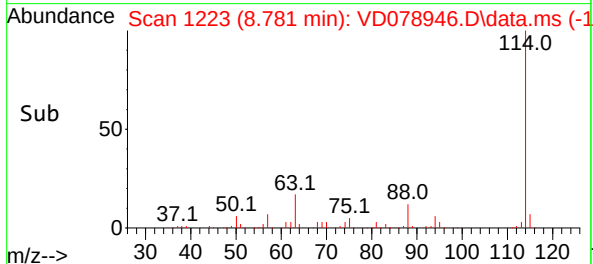
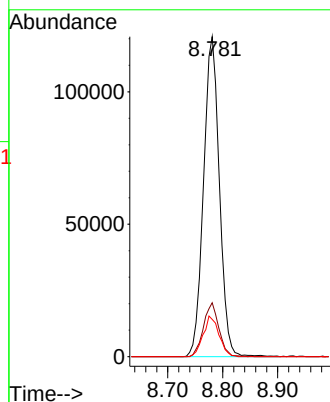
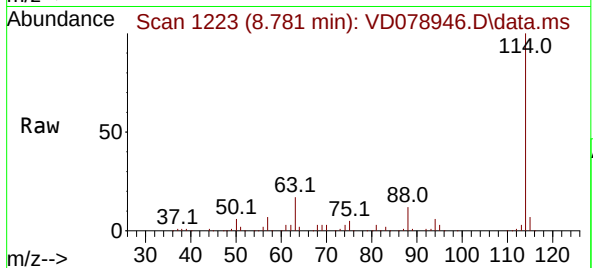
Tgt Ion:114 Resp: 241911

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

88 11.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.277 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078946.D

Acq: 16 May 2024 14:34

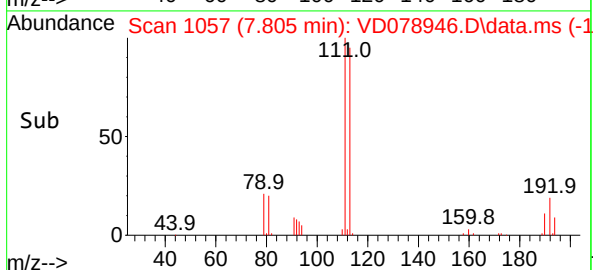
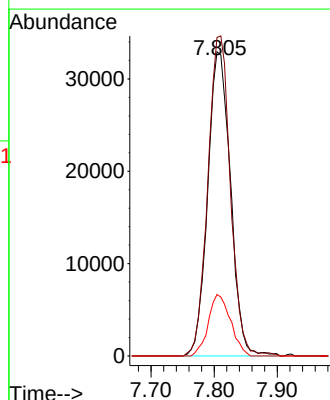
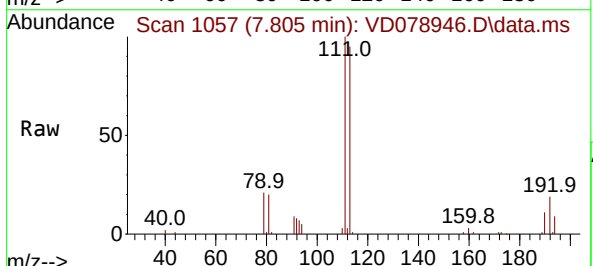
Tgt Ion:113 Resp: 82572

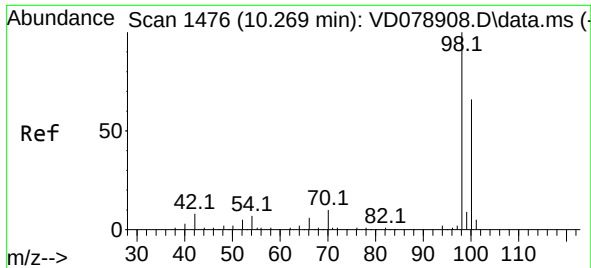
Ion Ratio Lower Upper

113 100

111 103.9 84.0 126.0

192 19.7 15.4 23.0

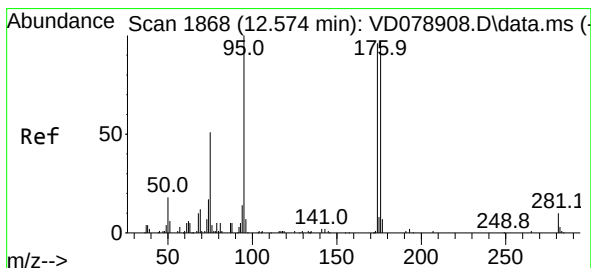
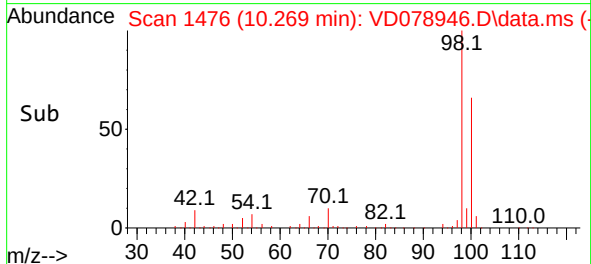
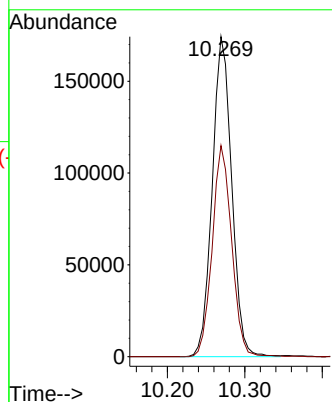
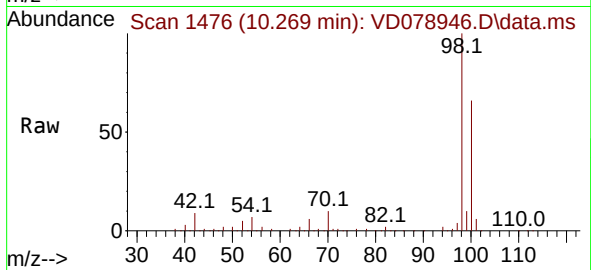




#50
Toluene-d8
Concen: 50.318 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

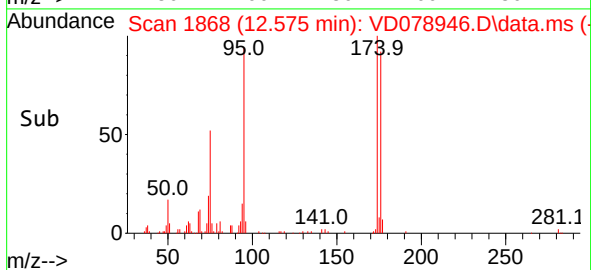
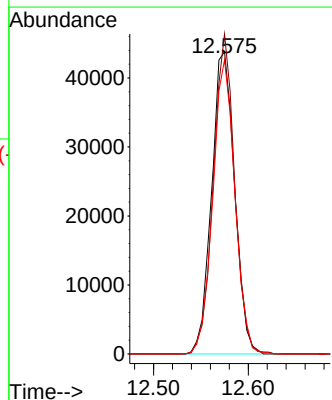
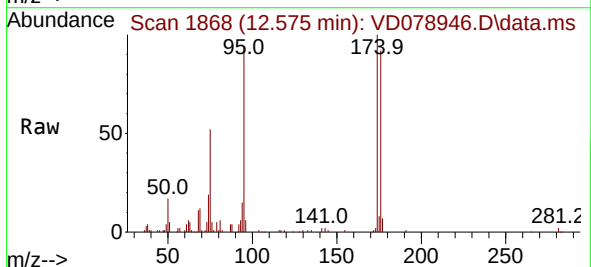
Instrument :
MSVOA_D
ClientSampleId :
VNJ-277

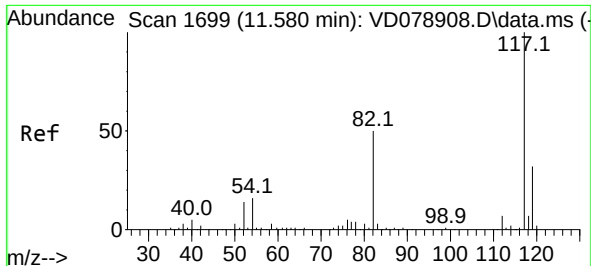
Tgt Ion: 98 Resp: 303761
Ion Ratio Lower Upper
98 100
100 65.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.569 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

Tgt Ion: 95 Resp: 73888
Ion Ratio Lower Upper
95 100
174 98.0 0.0 195.4
176 93.2 0.0 192.6

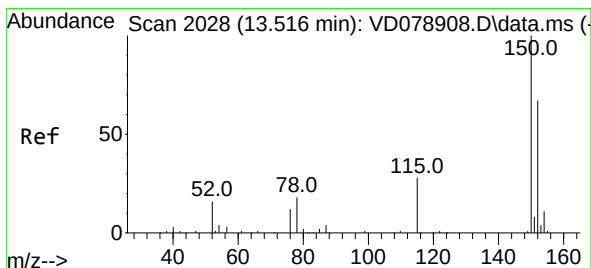
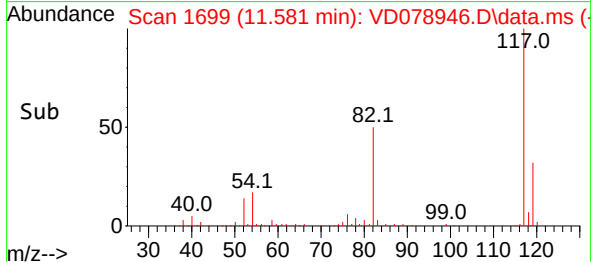
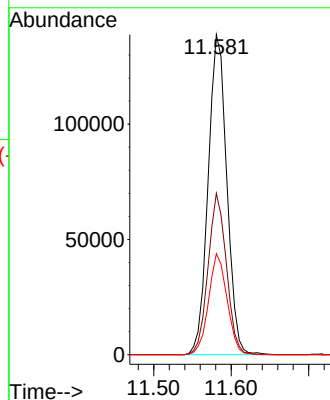
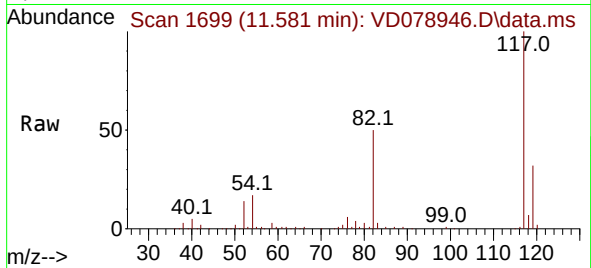




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

Instrument :
MSVOA_D
ClientSampleId :
VNJ-277

Tgt Ion:117 Resp: 232391
Ion Ratio Lower Upper
117 100
82 50.4 39.8 59.6
119 31.6 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: VD078946.D
Acq: 16 May 2024 14:34

Tgt Ion:152 Resp: 90192
Ion Ratio Lower Upper
152 100
115 53.2 26.5 79.5
150 155.0 0.0 341.6

