

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076475.D
 Acq On : 19 Jun 2023 17:44
 Operator : KP/SY
 Sample : 03289-05
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-12.0-14.0

Quant Time: Jun 20 05:27:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	15429	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	29640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	31541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15682	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	15606	100.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	201.900%#
35) Dibromofluoromethane	7.799	113	10877	61.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.540%
50) Toluene-d8	10.263	98	36451	54.585	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.180%
62) 4-Bromofluorobenzene	12.569	95	13291	61.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	122.660%

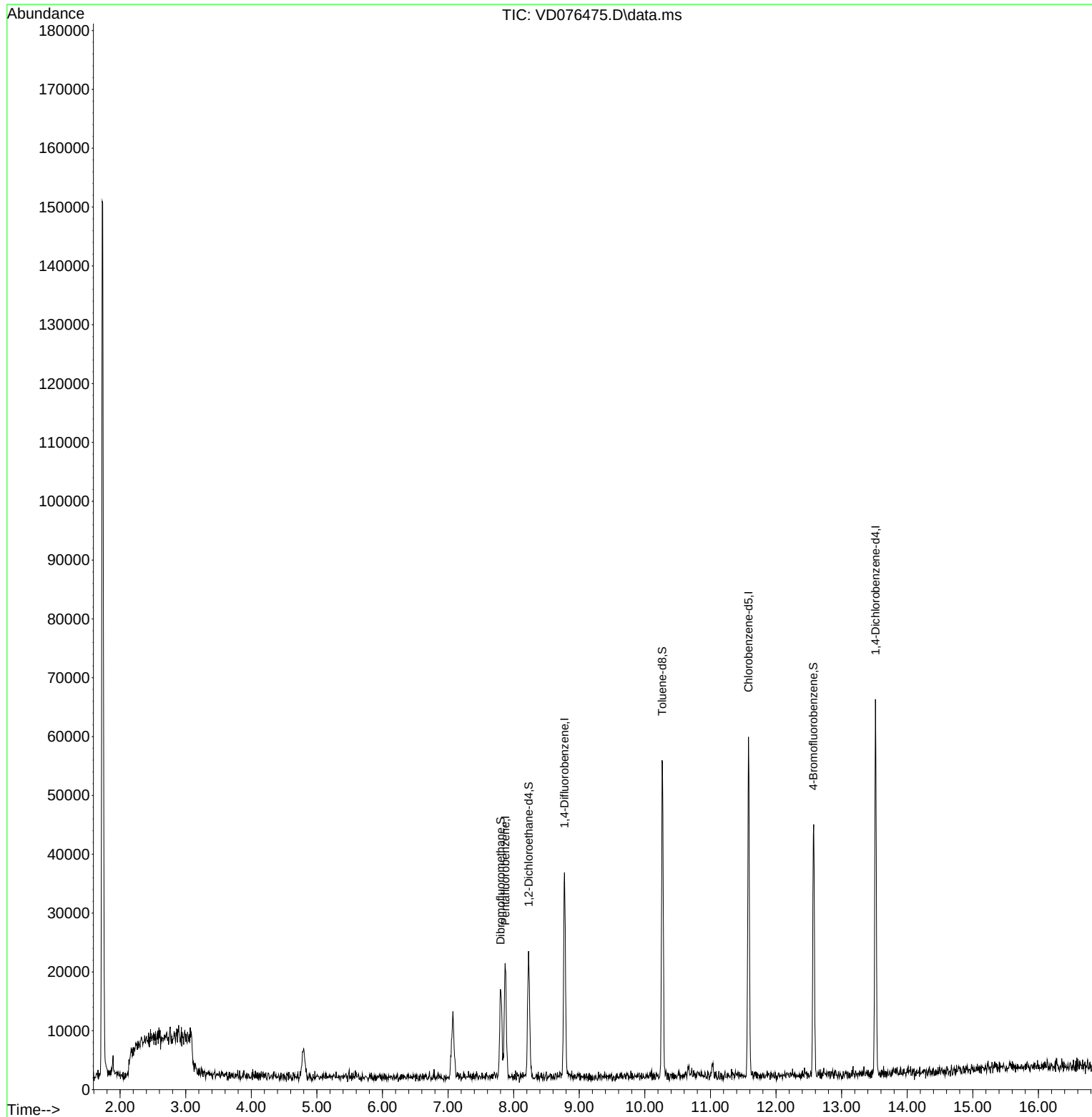
Target Compounds	Qvalue

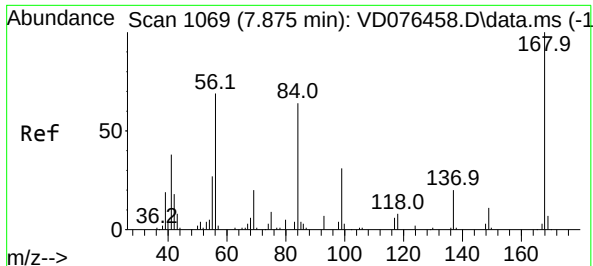
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
Data File : VD076475.D
Acq On : 19 Jun 2023 17:44
Operator : KP/SY
Sample : 03289-05
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-12.0-14.0

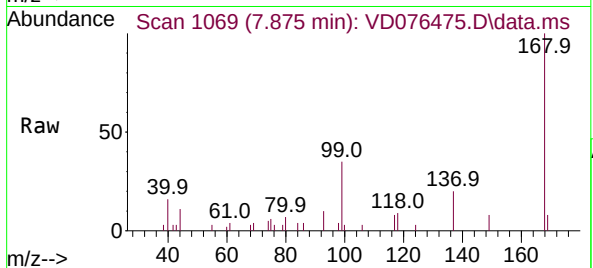
Quant Time: Jun 20 05:27:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration



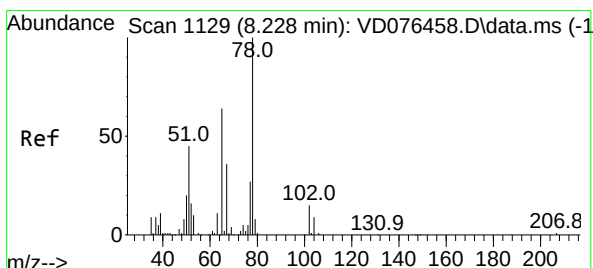
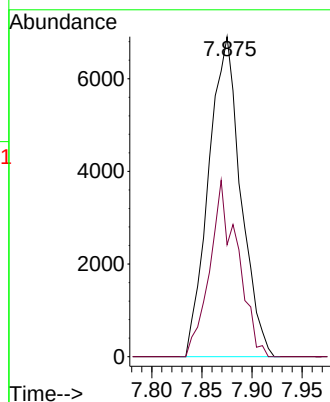
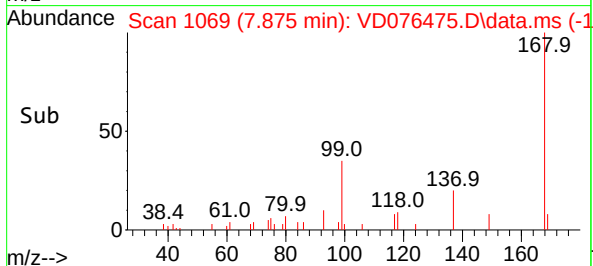


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076475.D
Acq: 19 Jun 2023 17:44

Instrument :
MSVOA_D
ClientSampleId :
SB-02-12.0-14.0

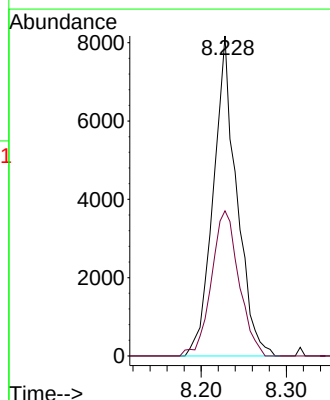
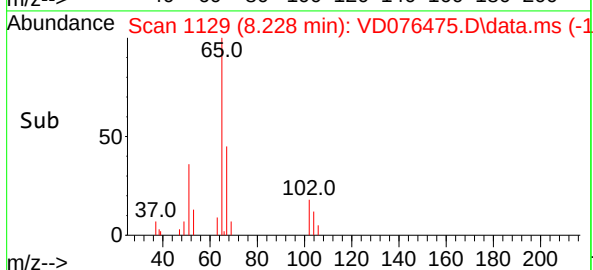
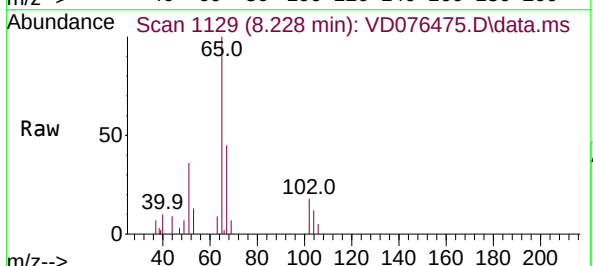


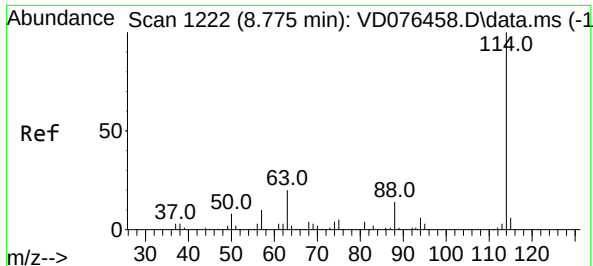
Tgt Ion:168 Resp: 15429
Ion Ratio Lower Upper
168 100
99 35.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 100.954 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076475.D
Acq: 19 Jun 2023 17:44

Tgt Ion: 65 Resp: 15606
Ion Ratio Lower Upper
65 100
67 53.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1114

Delta R.T. -0.000 min

Lab File: VD076475.D

Acq: 19 Jun 2023 17:44

Instrument :

MSVOA_D

ClientSampleId :

SB-02-12.0-14.0

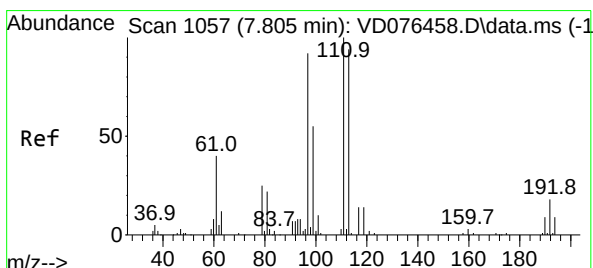
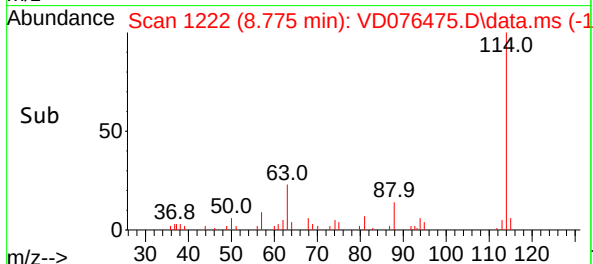
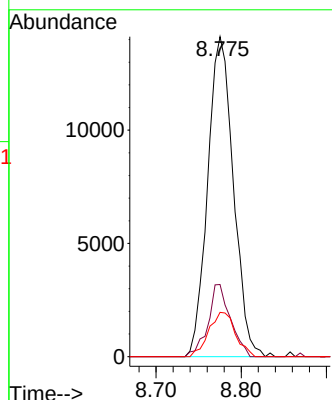
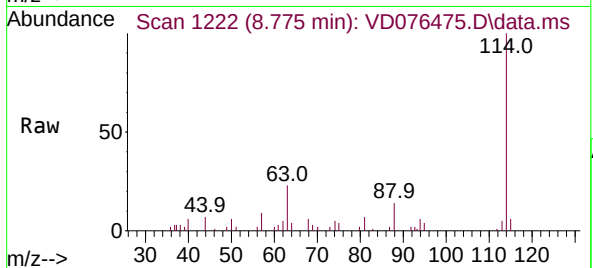
Tgt Ion:114 Resp: 29640

Ion Ratio Lower Upper

114 100

63 22.5 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 61.772 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076475.D

Acq: 19 Jun 2023 17:44

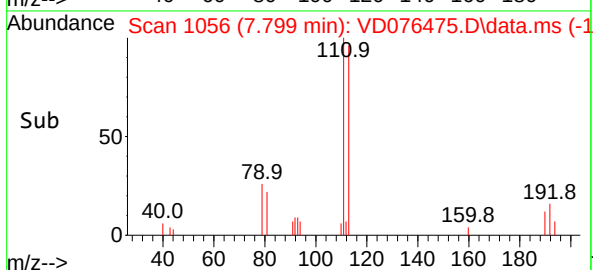
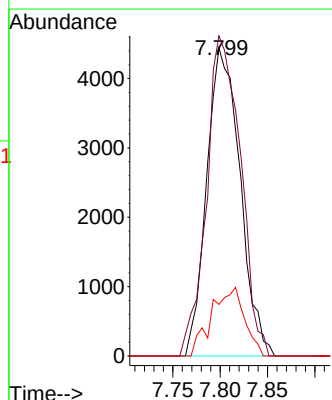
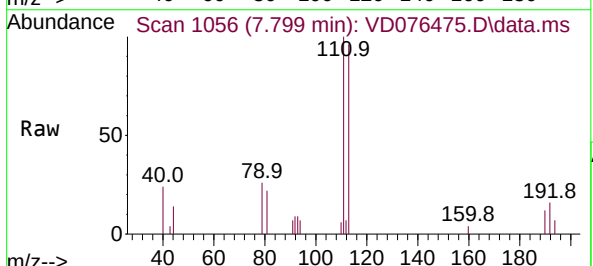
Tgt Ion:113 Resp: 10877

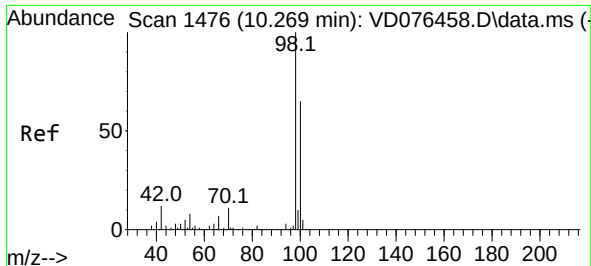
Ion Ratio Lower Upper

113 100

111 105.5 84.7 127.1

192 22.1 16.8 25.2

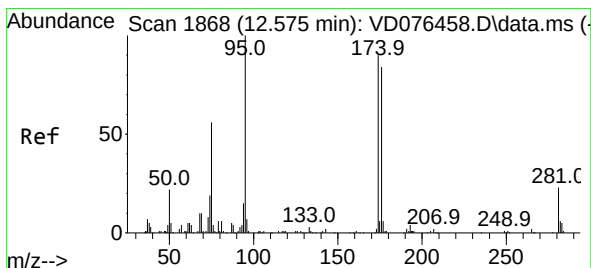
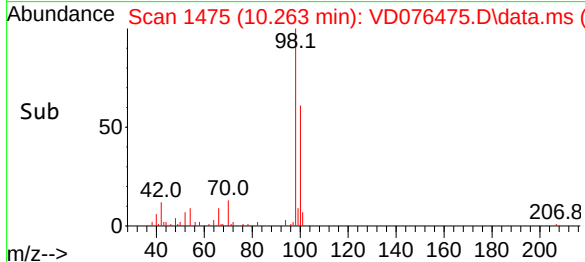
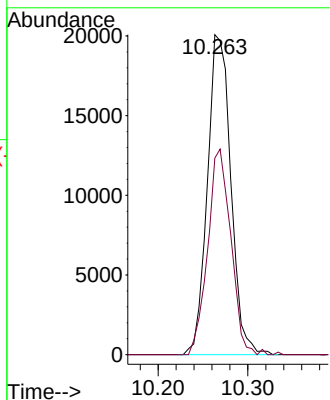
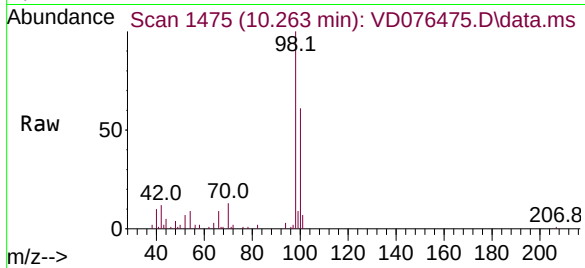




#50
Toluene-d8
Concen: 54.585 ug/l
RT: 10.263 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD076475.D
Acq: 19 Jun 2023 17:44

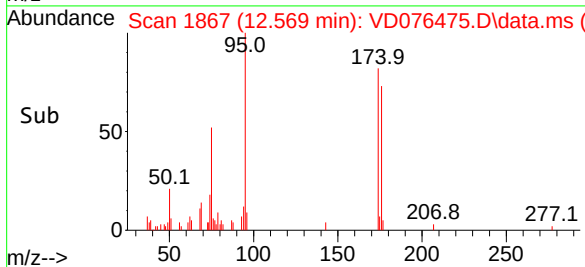
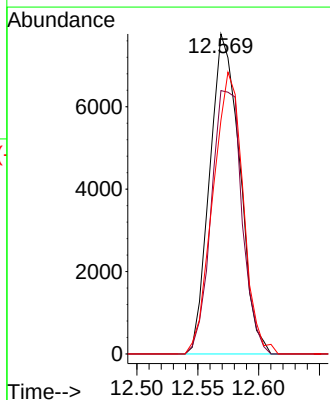
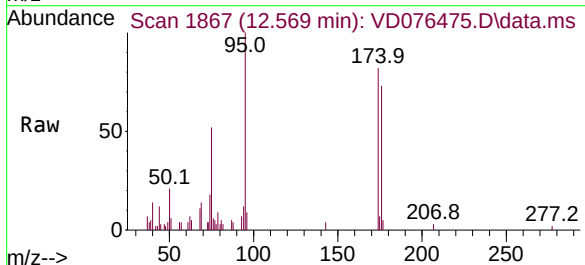
Instrument :
MSVOA_D
ClientSampleId :
SB-02-12.0-14.0

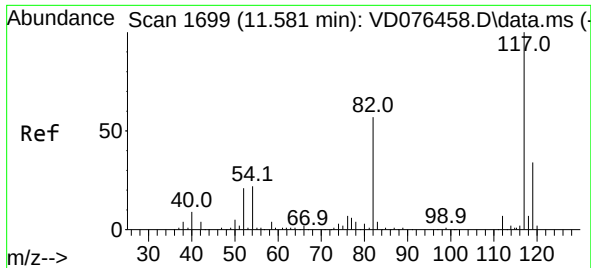
Tgt Ion: 98 Resp: 36451
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 61.327 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076475.D
Acq: 19 Jun 2023 17:44

Tgt Ion: 95 Resp: 13291
Ion Ratio Lower Upper
95 100
174 84.7 0.0 201.8
176 88.5 0.0 191.8

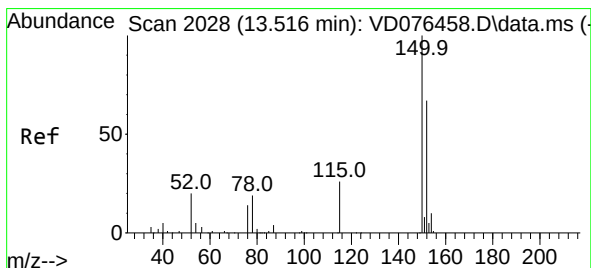
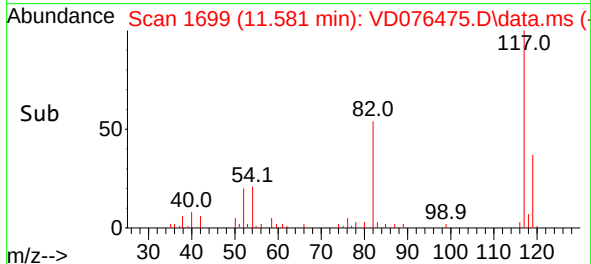
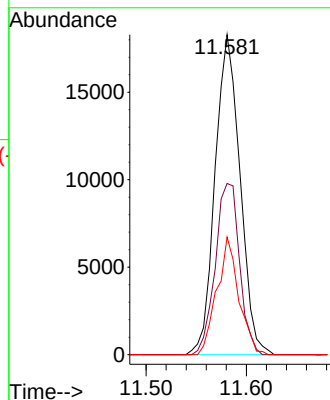
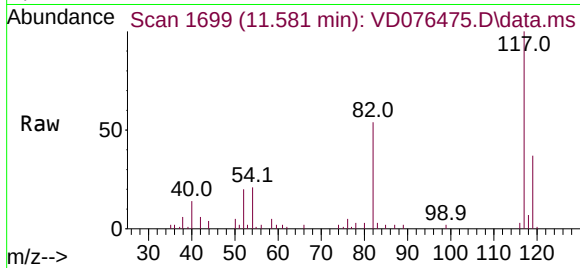




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076475.D
Acq: 19 Jun 2023 17:44

Instrument :
MSVOA_D
ClientSampleId :
SB-02-12.0-14.0

Tgt Ion:117	Resp:	31541
Ion Ratio	Lower	Upper
117	100	
82	53.5	38.3 57.5
119	36.8	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: VD076475.D
Acq: 19 Jun 2023 17:44

Tgt Ion:152	Resp:	15682
Ion Ratio	Lower	Upper
152	100	
115	55.7	27.1 81.3
150	168.7	0.0 353.6

