

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076874.D
 Acq On : 31 Jul 2023 15:03
 Operator : KP/SY
 Sample : 03797-04
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HANOVER-ST-2

Quant Time: Aug 01 02:11:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	195421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	369330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91565	47.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.799	113	115537	49.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.269	98	441771	53.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.575	95	118353	44.064	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.120%

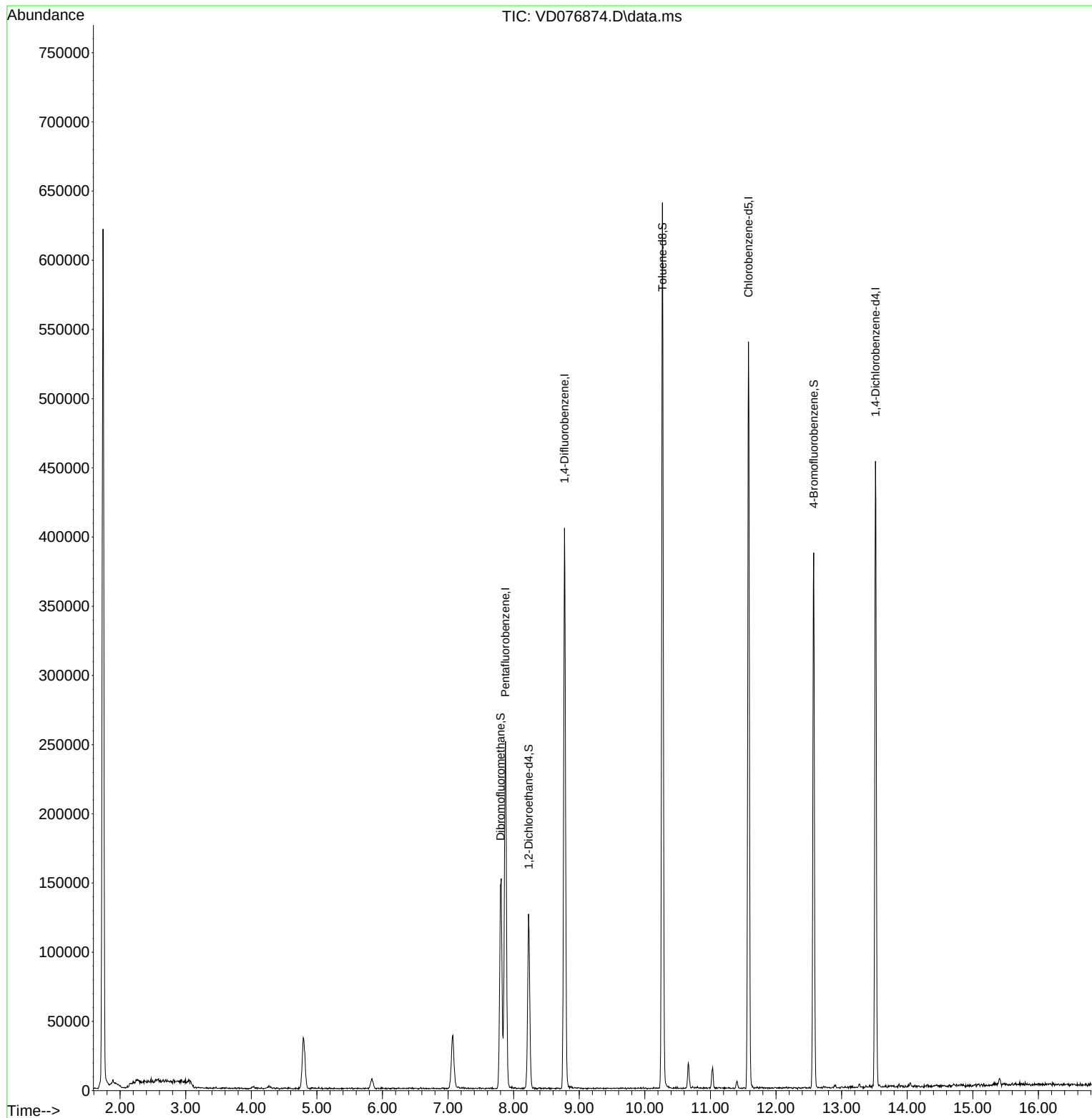
Target Compounds	Qvalue

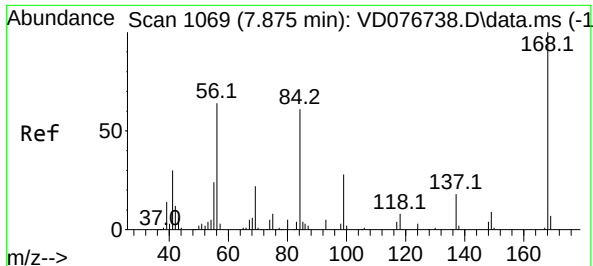
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
Data File : VD076874.D
Acq On : 31 Jul 2023 15:03
Operator : KP/SY
Sample : 03797-04
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-2

Quant Time: Aug 01 02:11:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

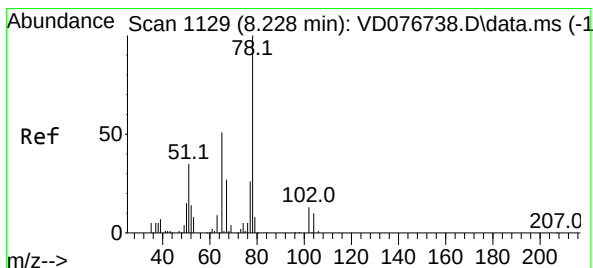
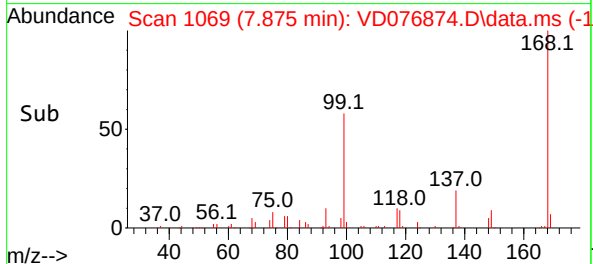
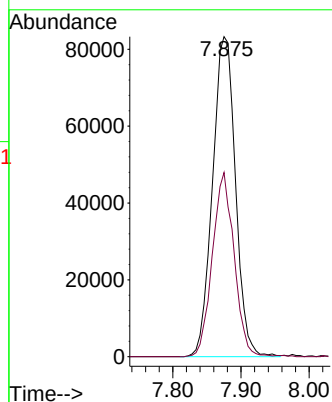
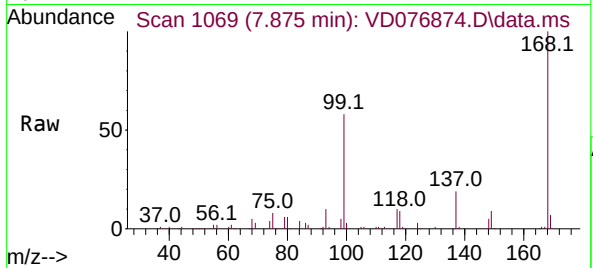




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076874.D
Acq: 31 Jul 2023 15:03

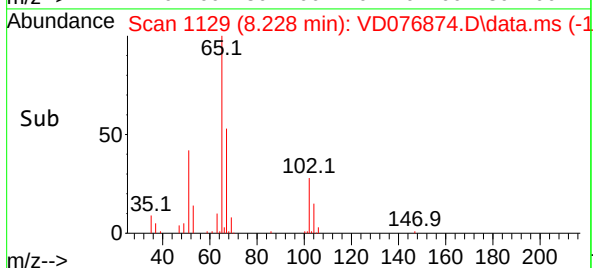
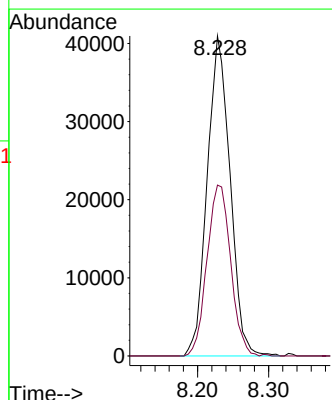
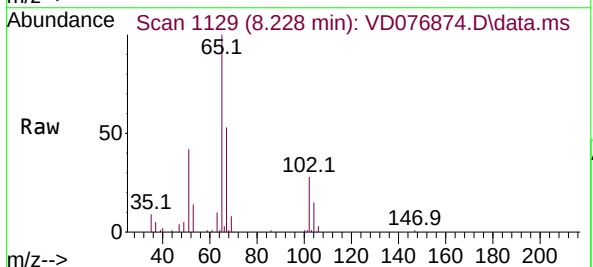
Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-2

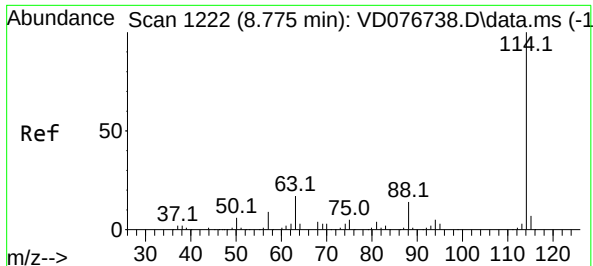
Tgt Ion:168 Resp: 195421
Ion Ratio Lower Upper
168 100
99 57.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 47.042 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076874.D
Acq: 31 Jul 2023 15:03

Tgt Ion: 65 Resp: 91565
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076874.D

Acq: 31 Jul 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

HANOVER-ST-2

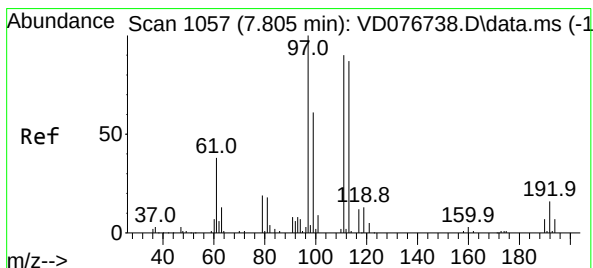
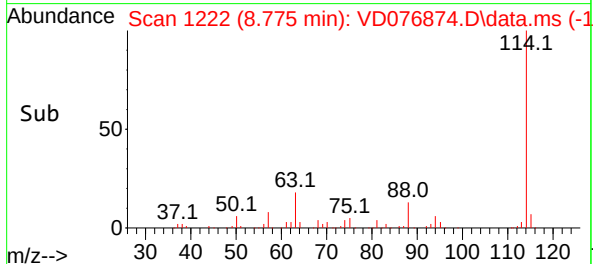
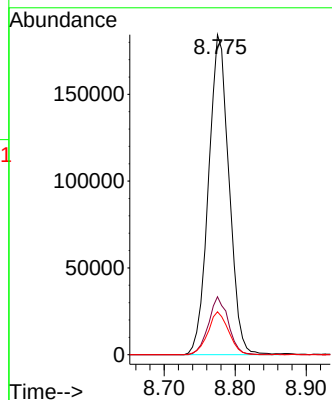
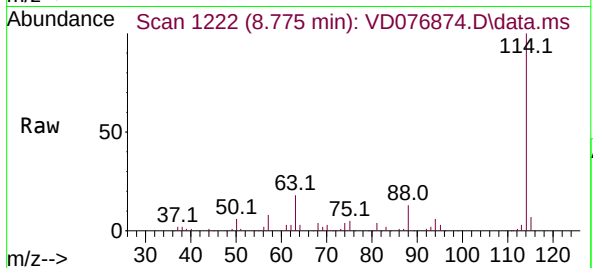
Tgt Ion:114 Resp: 369330

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.781 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076874.D

Acq: 31 Jul 2023 15:03

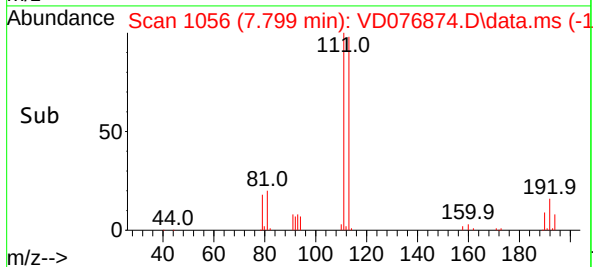
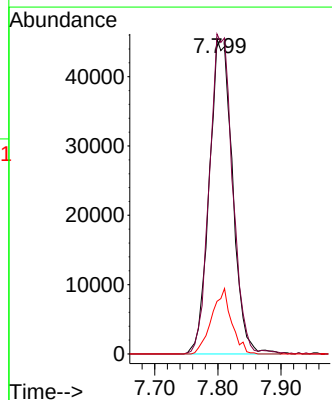
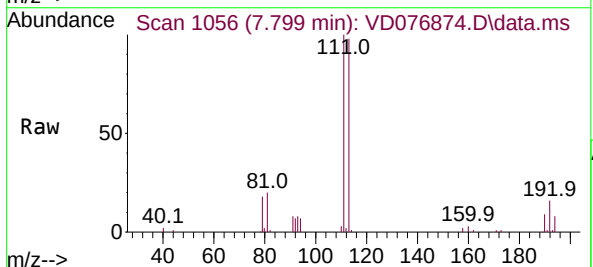
Tgt Ion:113 Resp: 115537

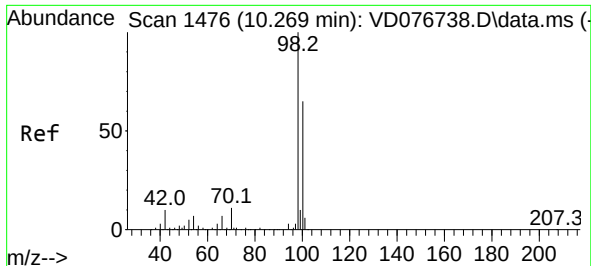
Ion Ratio Lower Upper

113 100

111 101.1 84.7 127.1

192 17.8 16.8 25.2

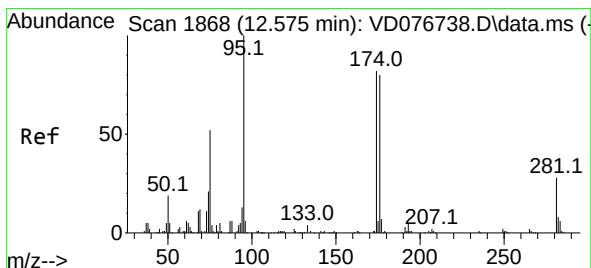
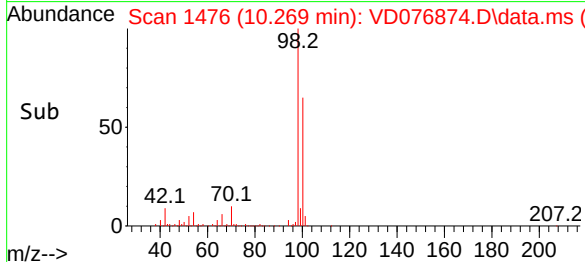
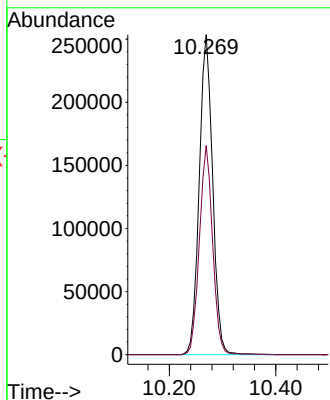
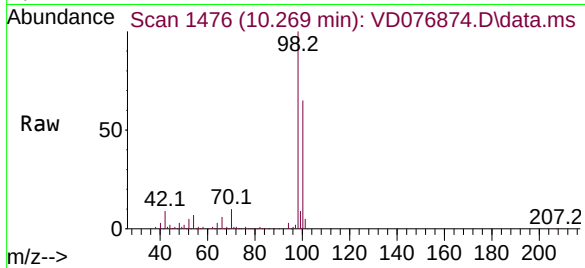




#50
Toluene-d8
Concen: 53.208 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076874.D
Acq: 31 Jul 2023 15:03

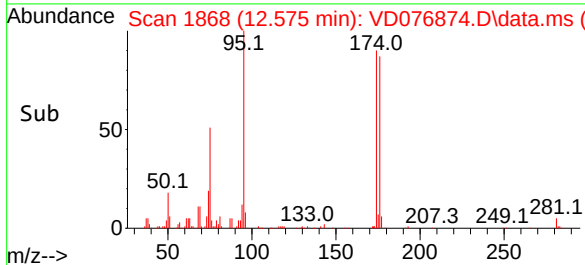
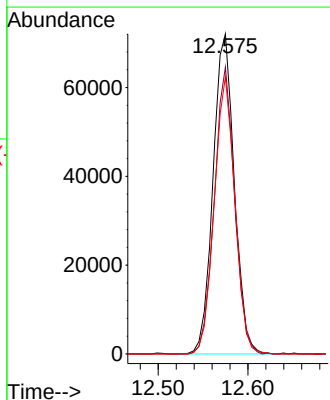
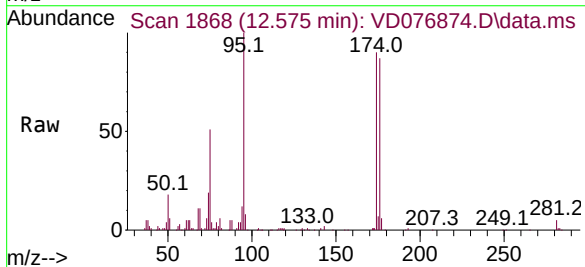
Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-2

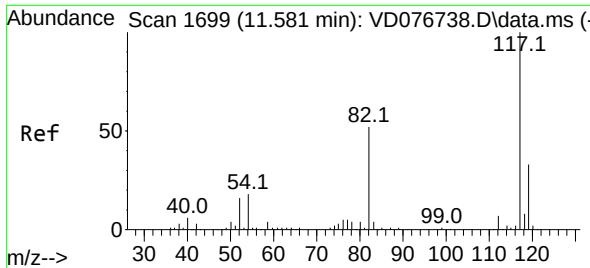
Tgt Ion: 98 Resp: 441771
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.064 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076874.D
Acq: 31 Jul 2023 15:03

Tgt Ion: 95 Resp: 118353
Ion Ratio Lower Upper
95 100
174 85.9 0.0 201.8
176 84.0 0.0 191.8

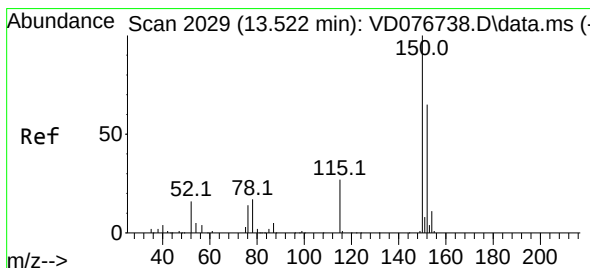
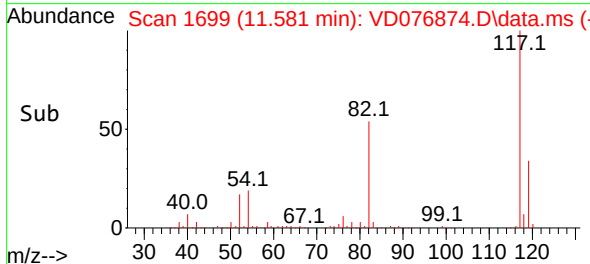
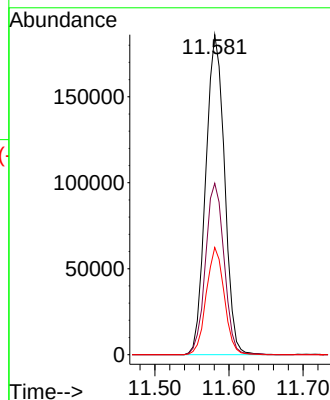
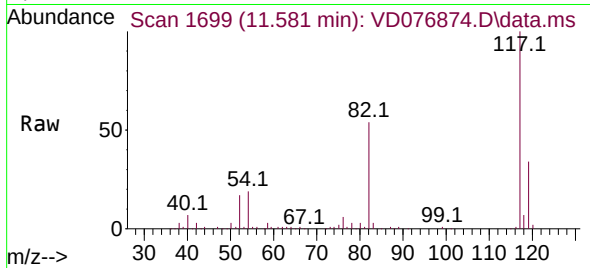




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076874.D
Acq: 31 Jul 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-2

Tgt Ion:117 Resp: 327162
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 33.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076874.D
Acq: 31 Jul 2023 15:03

Tgt Ion:152 Resp: 121868
Ion Ratio Lower Upper
152 100
115 56.5 27.1 81.3
150 157.5 0.0 353.6

