

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077007.D
 Acq On : 14 Aug 2023 18:04
 Operator : JC/SY
 Sample : 03973-03
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-16.5-17.0

Quant Time: Aug 15 04:50:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	17681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	35566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	39449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	19955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11474	82.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.520%#
35) Dibromofluoromethane	7.810	113	11990	62.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.420%
50) Toluene-d8	10.269	98	38248	62.279	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	124.560%
62) 4-Bromofluorobenzene	12.575	95	15120	70.426	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	140.860%

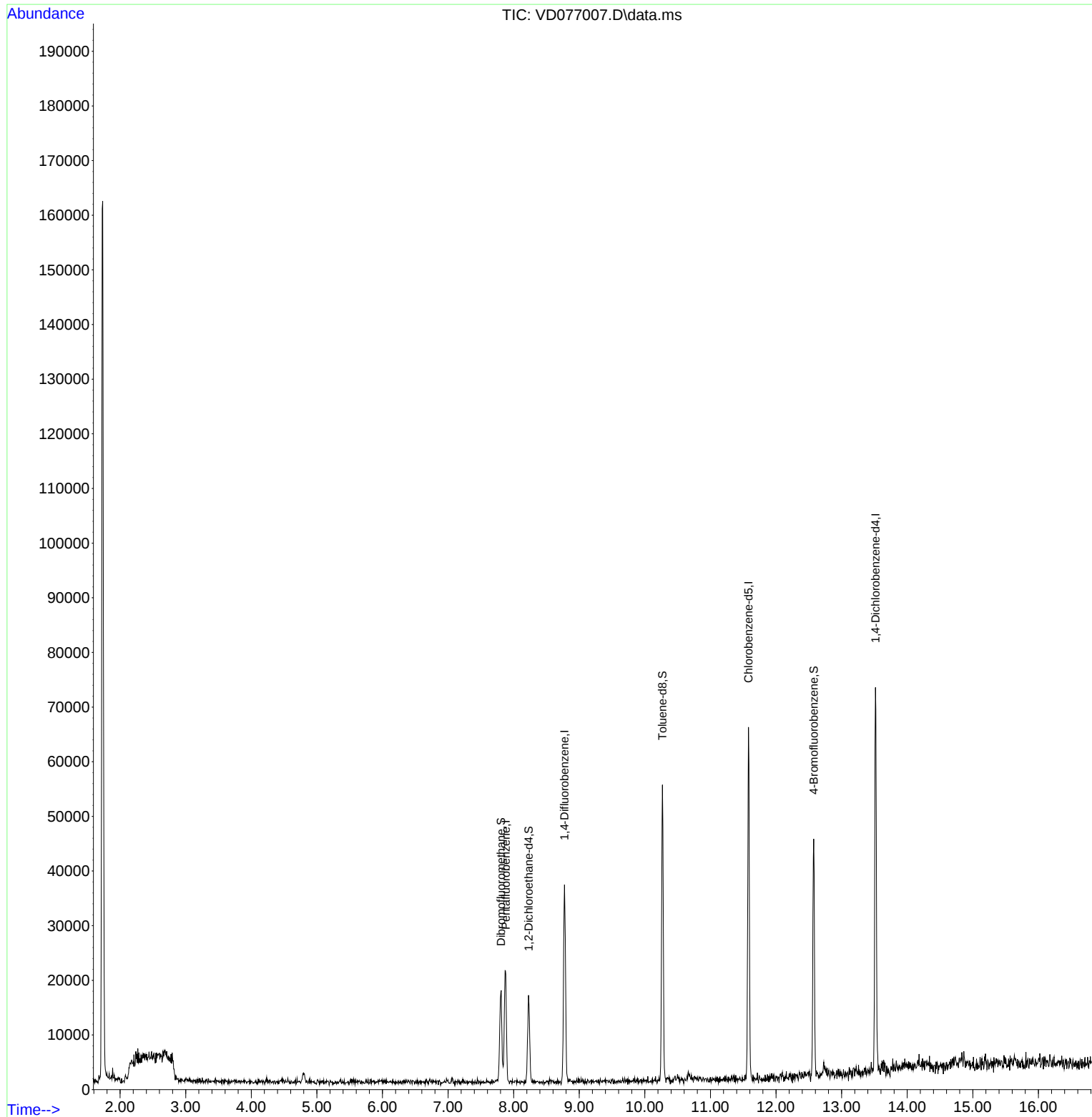
Target Compounds	Qvalue

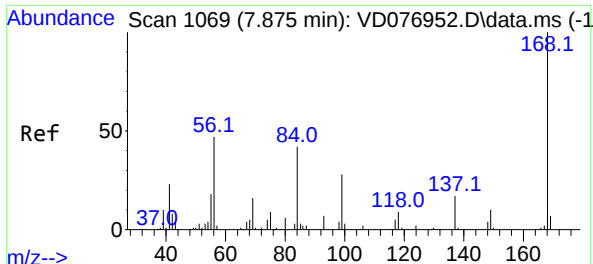
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
Data File : VD077007.D
Acq On : 14 Aug 2023 18:04
Operator : JC/SY
Sample : 03973-03
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-16.5-17.0

Quant Time: Aug 15 04:50:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 09 07:25:36 2023
Response via : Initial Calibration

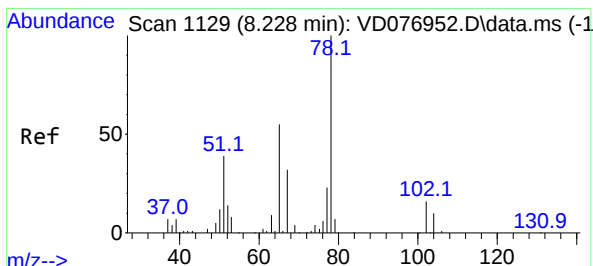
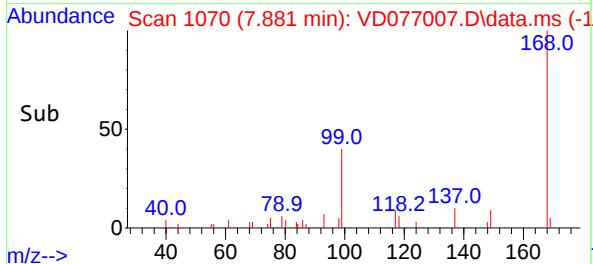
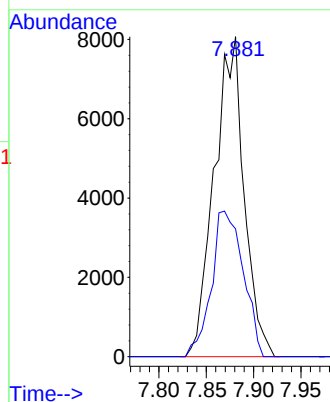
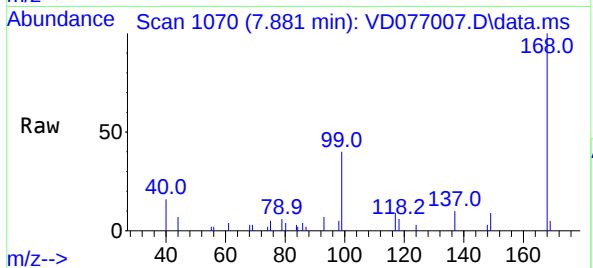




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077007.D
Acq: 14 Aug 2023 18:04

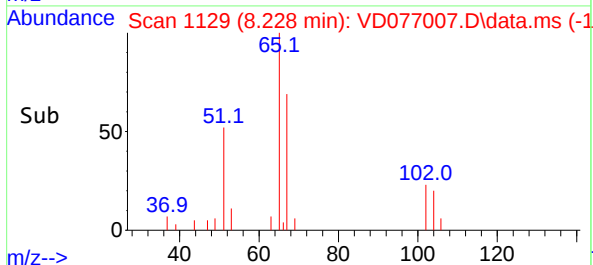
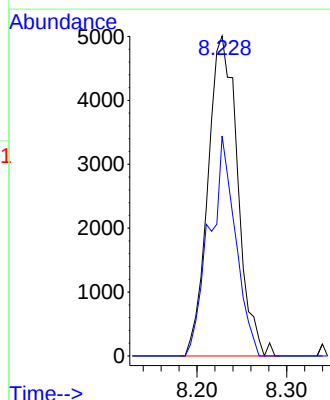
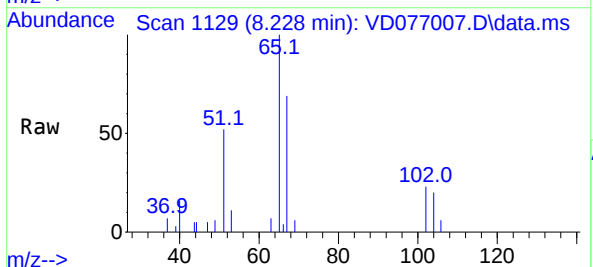
Instrument :
MSVOA_D
ClientSampleId :
SB-02-16.5-17.0

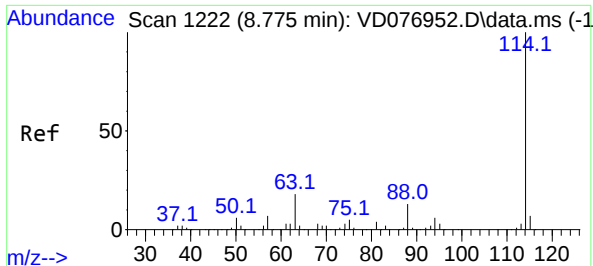
Tgt Ion:168 Resp: 17681
Ion Ratio Lower Upper
168 100
99 40.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 82.264 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077007.D
Acq: 14 Aug 2023 18:04

Tgt Ion: 65 Resp: 11474
Ion Ratio Lower Upper
65 100
67 60.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077007.D

Acq: 14 Aug 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

SB-02-16.5-17.0

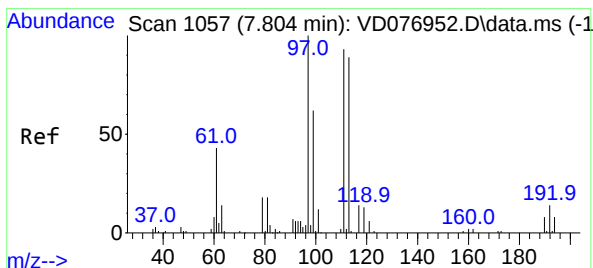
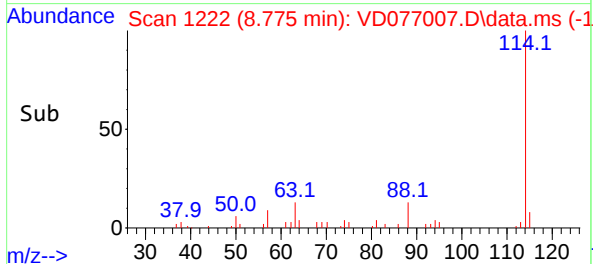
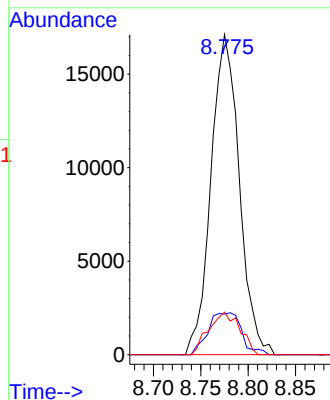
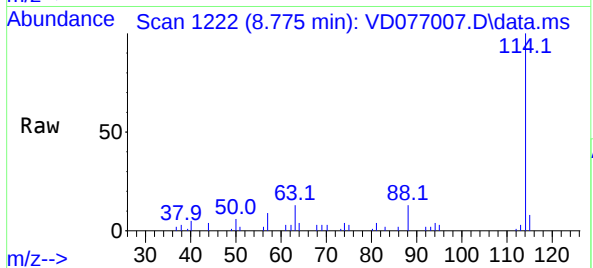
Tgt Ion:114 Resp: 35566

Ion Ratio Lower Upper

114 100

63 12.7 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 62.707 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077007.D

Acq: 14 Aug 2023 18:04

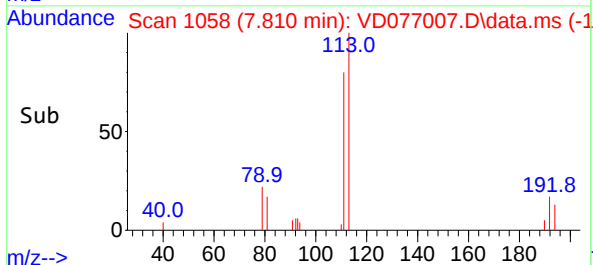
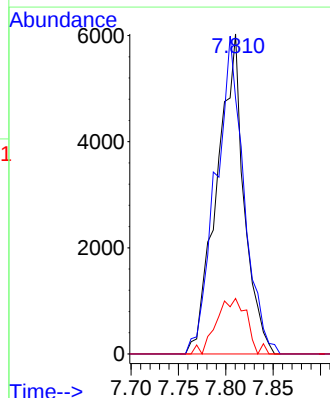
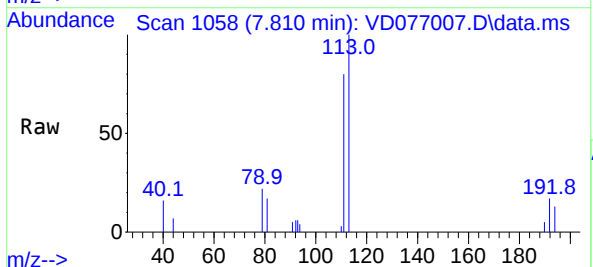
Tgt Ion:113 Resp: 11990

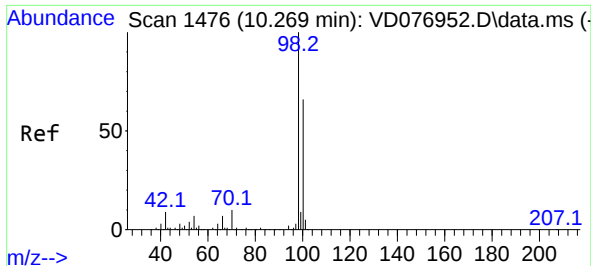
Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 19.7 16.8 25.2

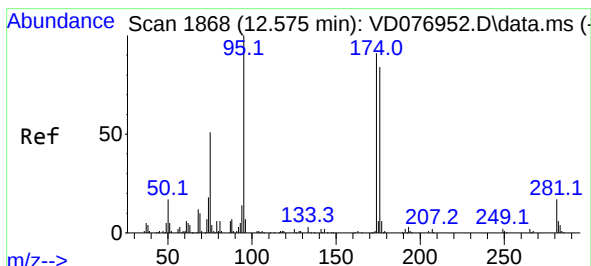
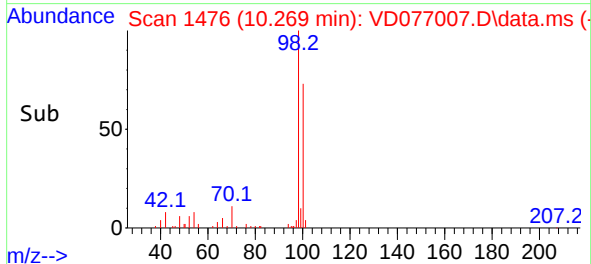
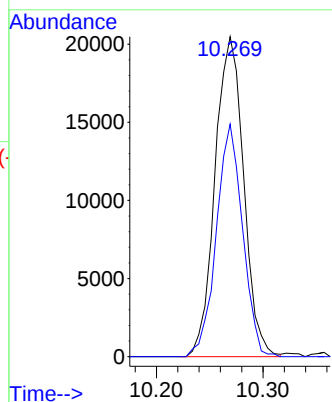
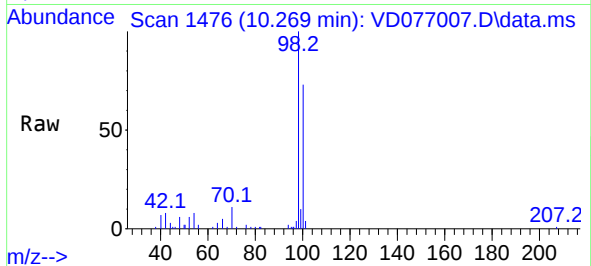




#50
Toluene-d8
Concen: 62.279 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077007.D
Acq: 14 Aug 2023 18:04

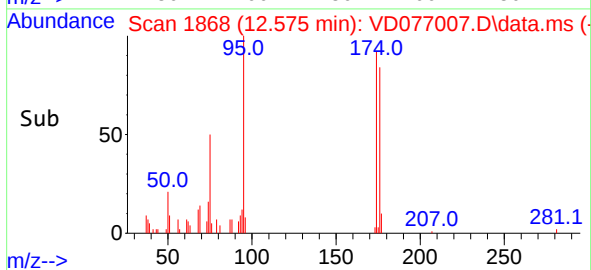
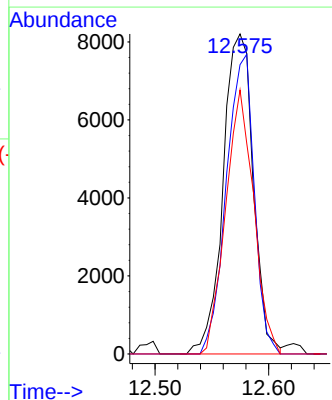
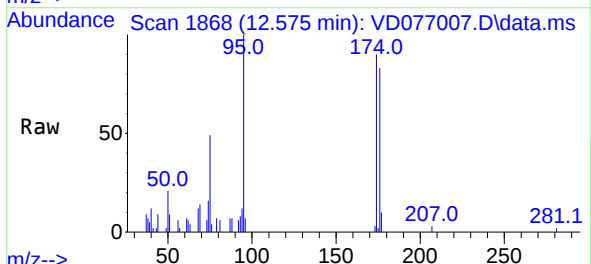
Instrument :
MSVOA_D
ClientSampleId :
SB-02-16.5-17.0

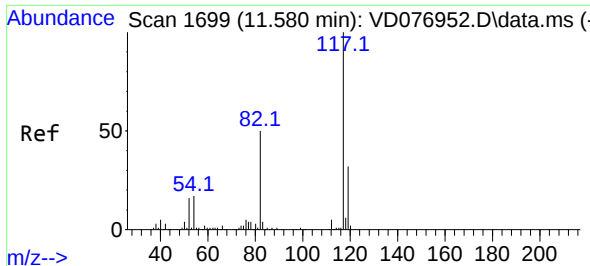
Tgt Ion: 98 Resp: 38248
Ion Ratio Lower Upper
98 100
100 66.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 70.426 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077007.D
Acq: 14 Aug 2023 18:04

Tgt Ion: 95 Resp: 15120
Ion Ratio Lower Upper
95 100
174 86.3 0.0 201.8
176 76.7 0.0 191.8

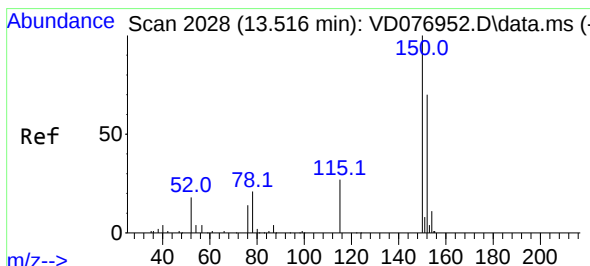
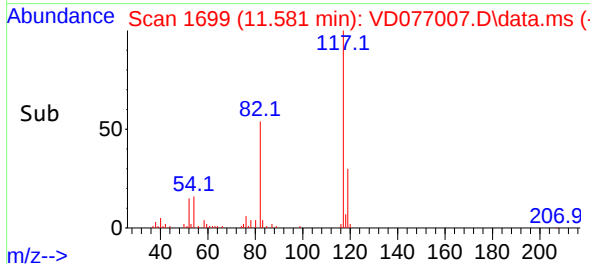
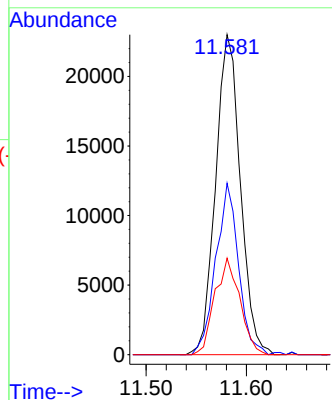
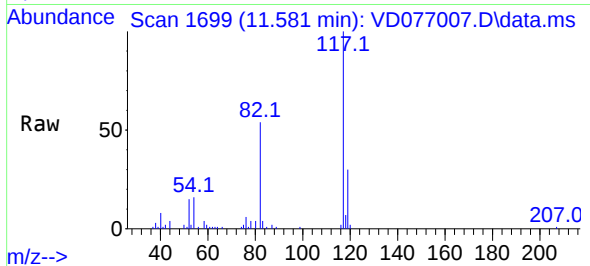




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077007.D
Acq: 14 Aug 2023 18:04

Instrument :
MSVOA_D
ClientSampleId :
SB-02-16.5-17.0

Tgt Ion:	117	Resp:	39449
Ion	Ratio	Lower	Upper
117	100		
82	53.5	38.3	57.5
119	30.2	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: VD077007.D
Acq: 14 Aug 2023 18:04

Tgt Ion:	152	Resp:	19955
Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.1	81.3
150	157.2	0.0	353.6

