

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078685.D
 Acq On : 15 Mar 2024 16:14
 Operator : RP/MD
 Sample : P1746-16RE
 Misc : 5.04G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0-DUPRE

Quant Time: Mar 16 05:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	61891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	111671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	88732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43179	74.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.880%
35) Dibromofluoromethane	7.810	113	46802	65.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.180%
50) Toluene-d8	10.269	98	132796	50.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.569	95	23514	30.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.800%

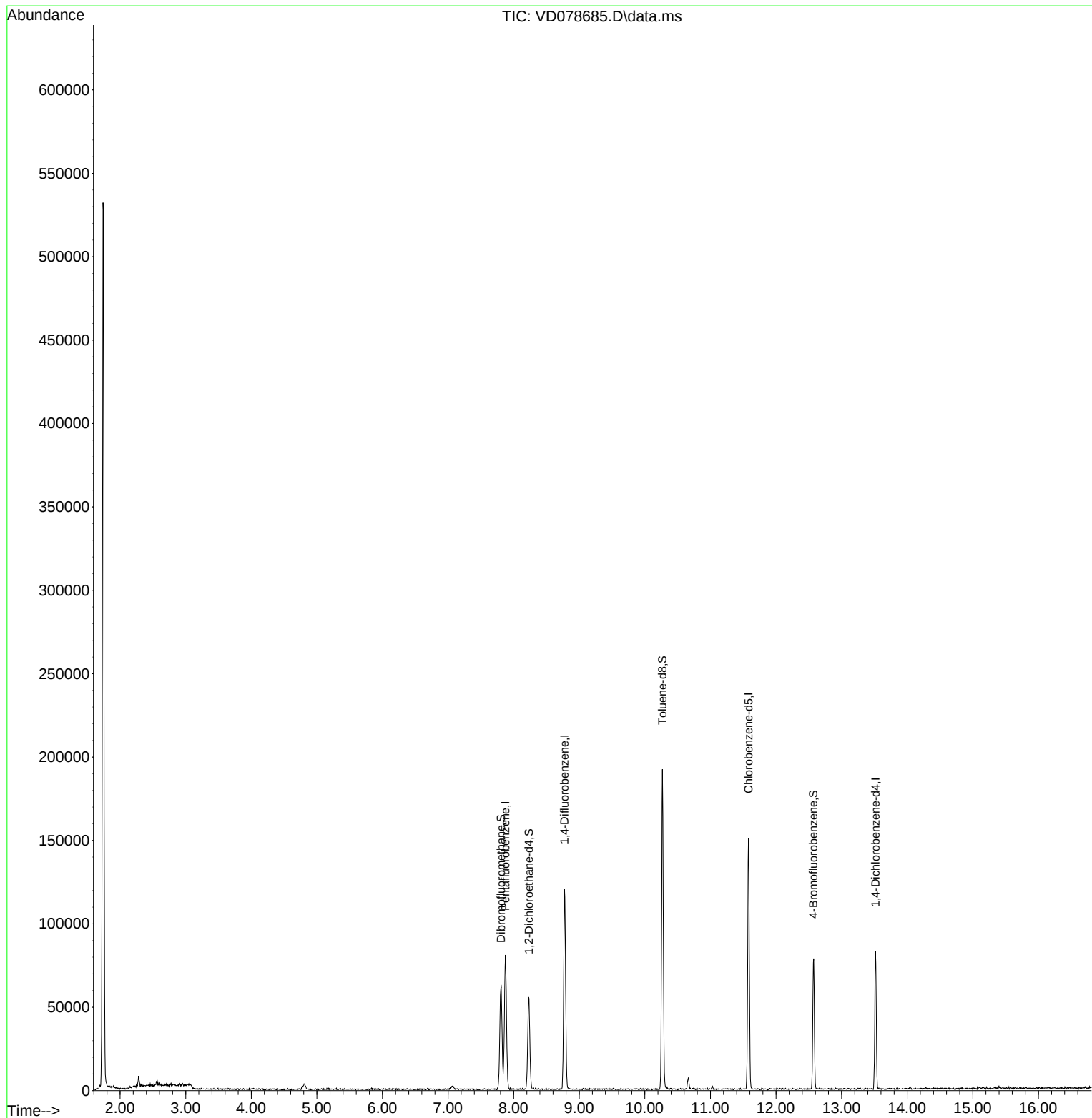
Target Compounds	Qvalue

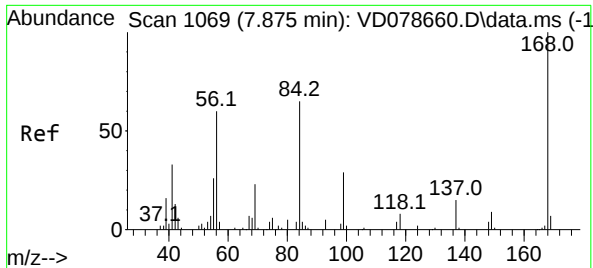
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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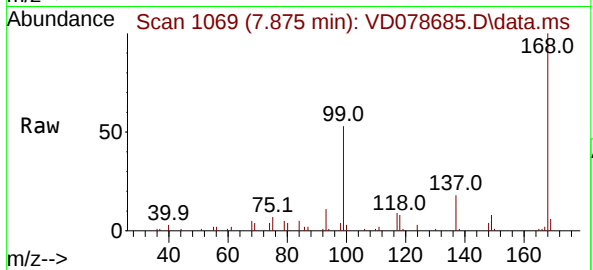
Quant Time: Mar 16 05:26:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
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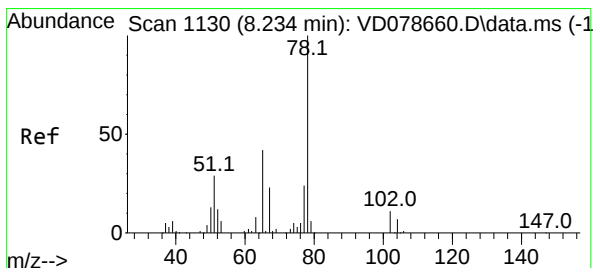
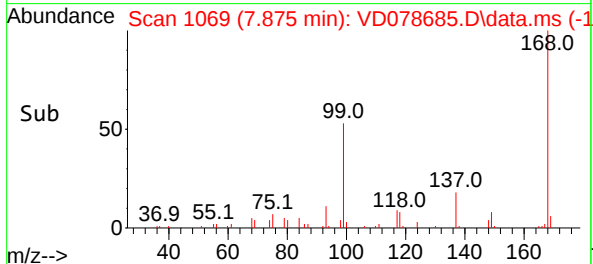
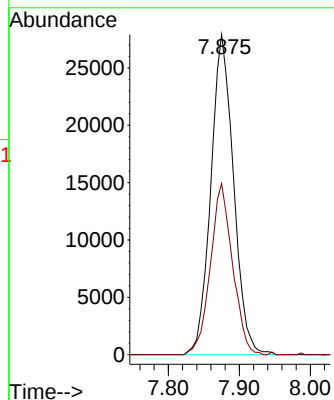


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078685.D
Acq: 15 Mar 2024 16:14

Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0-DUPRE

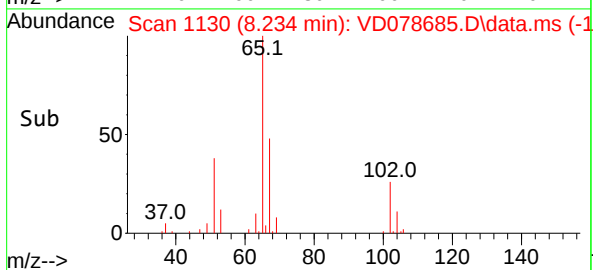
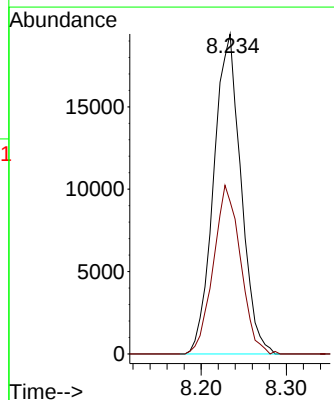
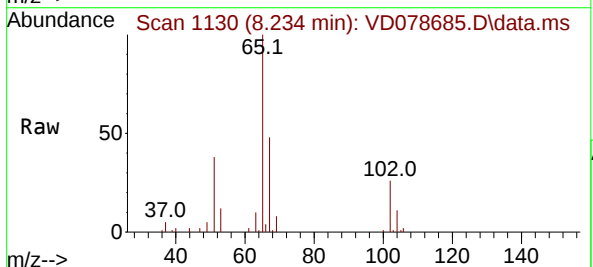


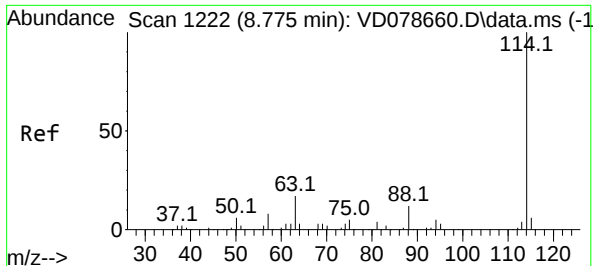
Tgt Ion:168 Resp: 61891
Ion Ratio Lower Upper
168 100
99 53.5 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 74.444 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078685.D
Acq: 15 Mar 2024 16:14

Tgt Ion: 65 Resp: 43179
Ion Ratio Lower Upper
65 100
67 52.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078685.D

Acq: 15 Mar 2024 16:14

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0-DUPRE

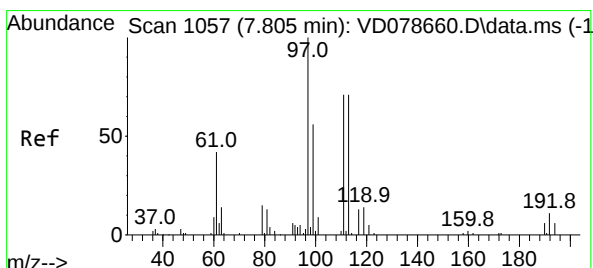
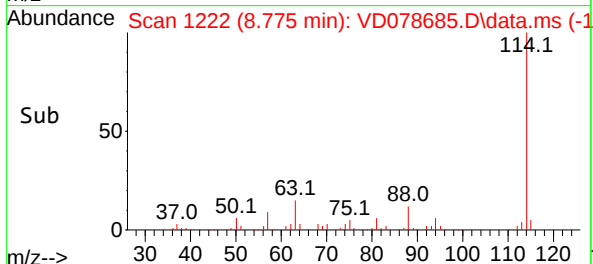
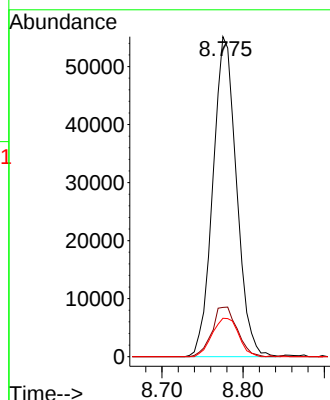
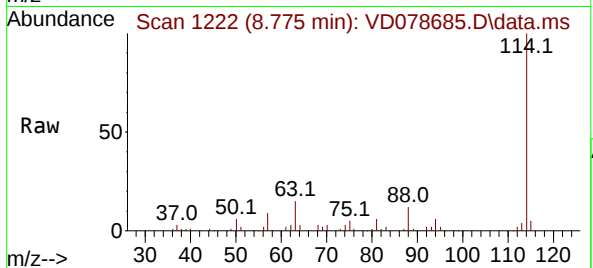
Tgt Ion:114 Resp: 111671

Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.4

88 12.0 0.0 24.6



#35

Dibromofluoromethane

Concen: 65.094 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078685.D

Acq: 15 Mar 2024 16:14

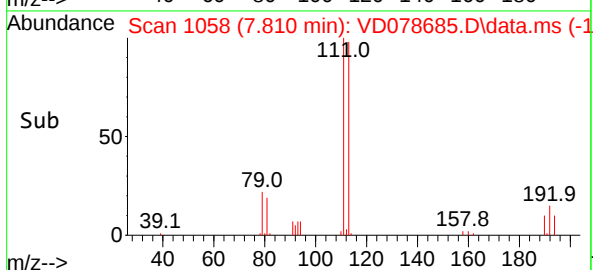
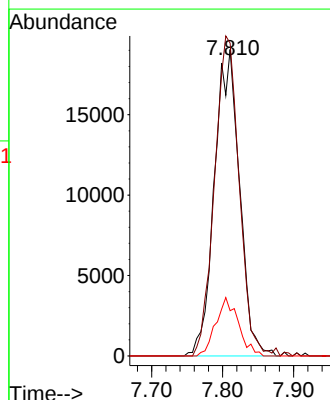
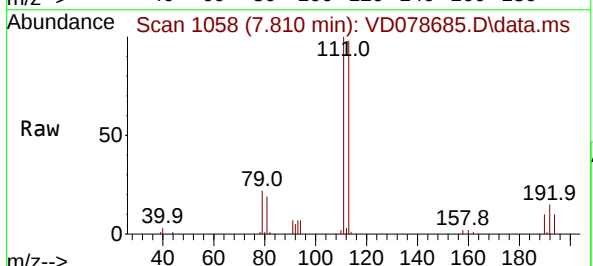
Tgt Ion:113 Resp: 46802

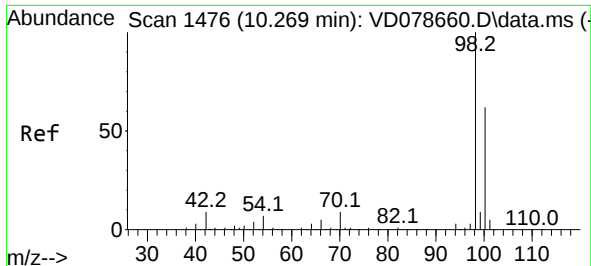
Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 17.2 15.4 23.0

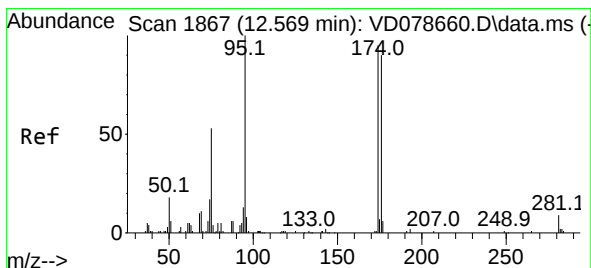
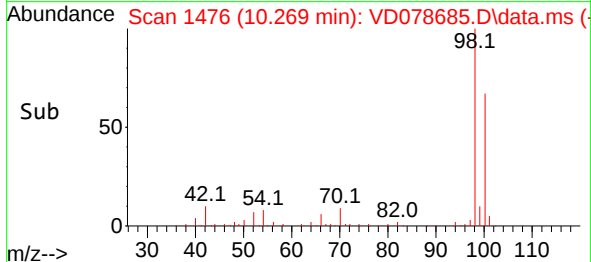
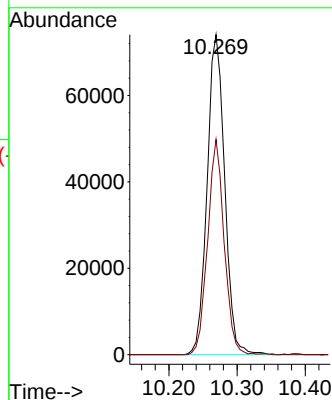
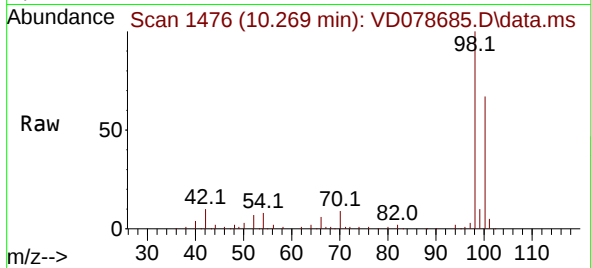




#50
Toluene-d8
Concen: 50.221 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078685.D
Acq: 15 Mar 2024 16:14

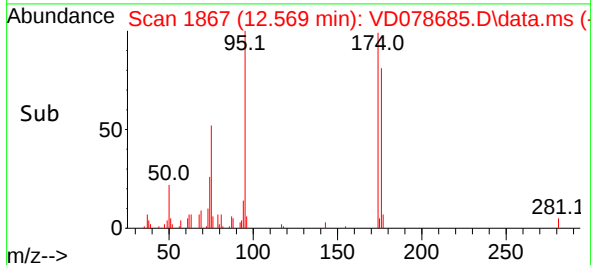
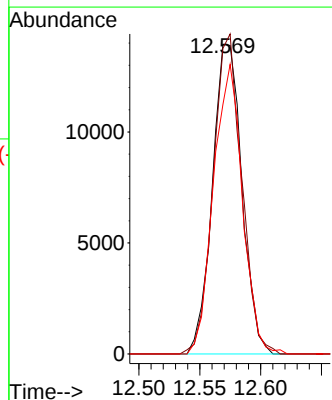
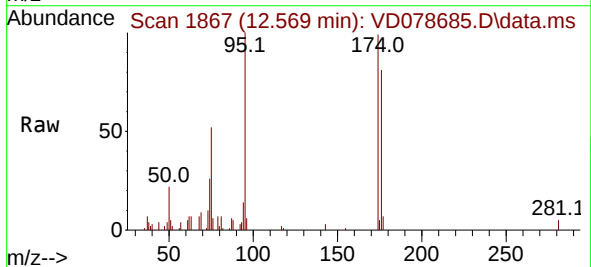
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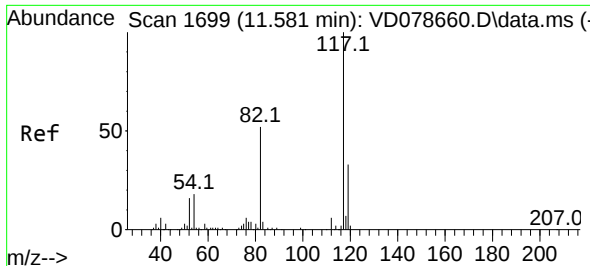
Tgt Ion: 98 Resp: 132796
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 30.396 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078685.D
Acq: 15 Mar 2024 16:14

Tgt Ion: 95 Resp: 23514
Ion Ratio Lower Upper
95 100
174 99.4 0.0 195.2
176 92.0 0.0 188.2

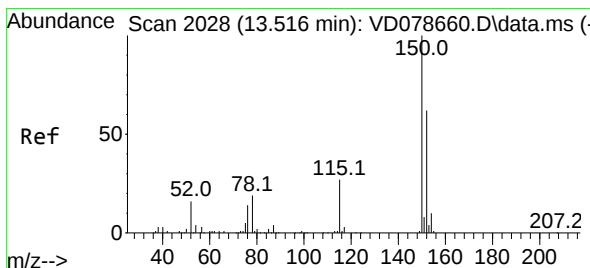
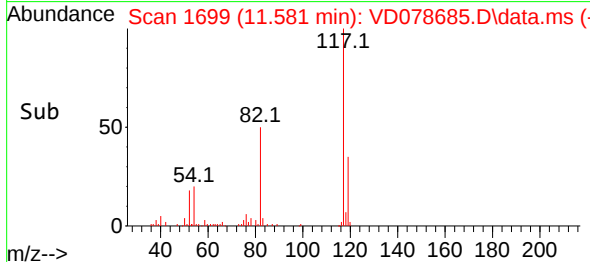
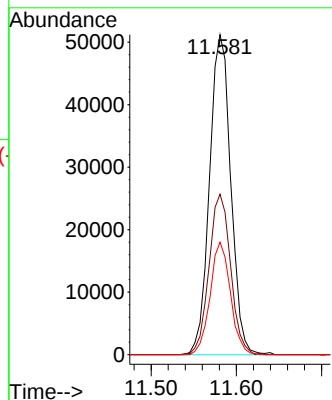
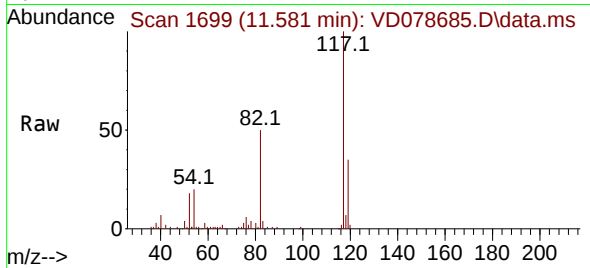




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078685.D
Acq: 15 Mar 2024 16:14

Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0-DUPRE

Tgt Ion:117	Resp:	88732
Ion Ratio	Lower	Upper
117	100	
82	50.2	41.4 62.2
119	35.2	26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078685.D
Acq: 15 Mar 2024 16:14

Tgt Ion:152	Resp:	22571
Ion Ratio	Lower	Upper
152	100	
115	54.0	27.1 81.2
150	157.9	0.0 350.2

