

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077009.D
 Acq On : 14 Aug 2023 19:01
 Operator : JC/SY
 Sample : 03973-07
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-11.5-12.0

Quant Time: Aug 15 04:51:01 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	7.869	168	2739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	6951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	5968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	2372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2511	116.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 232.420%#	
35) Dibromofluoromethane	7.799	113	2231	59.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.400%	
50) Toluene-d8	10.263	98	7024	58.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.040%	
62) 4-Bromofluorobenzene	12.575	95	1932	46.044	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.080%	

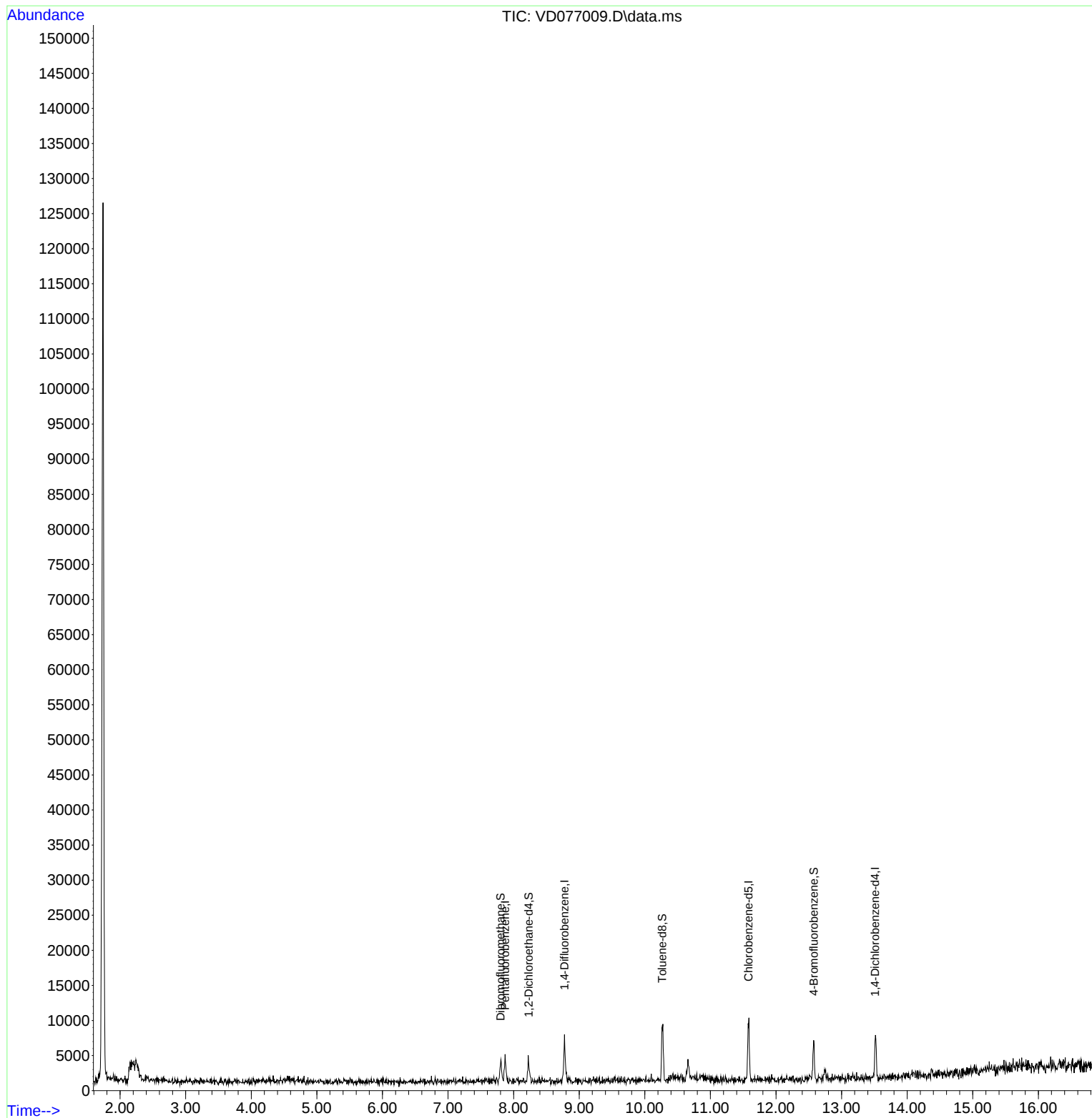
Target Compounds	Qvalue

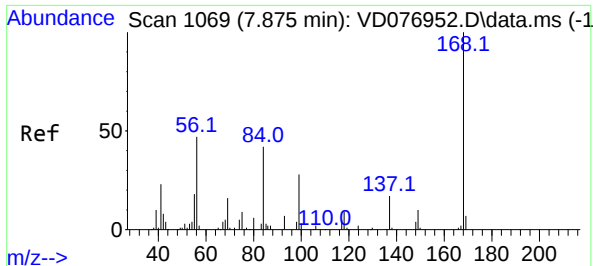
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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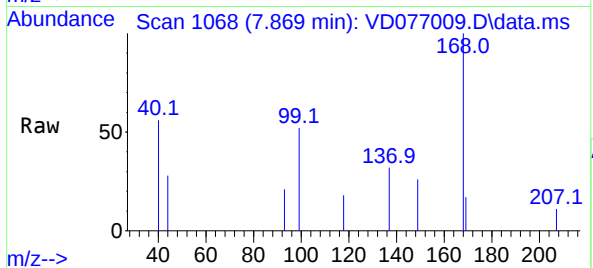
Quant Time: Aug 15 04:51:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
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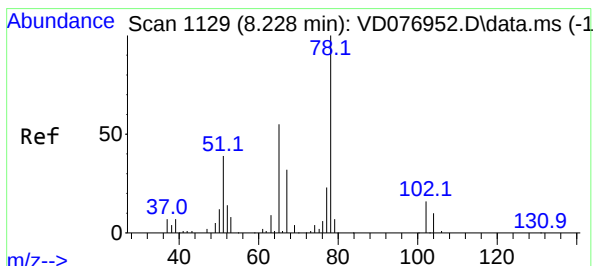
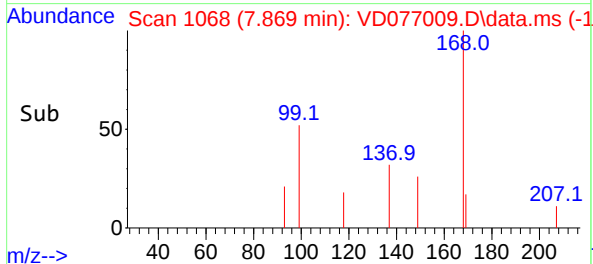
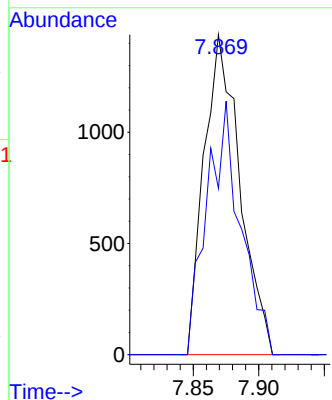


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD077009.D
Acq: 14 Aug 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
SB-04-11.5-12.0

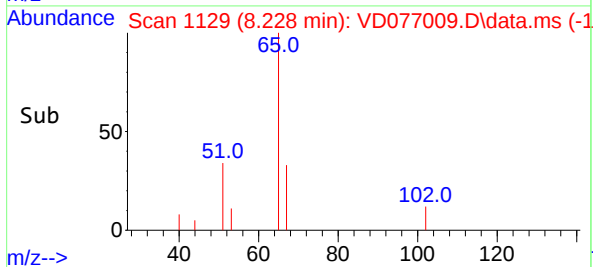
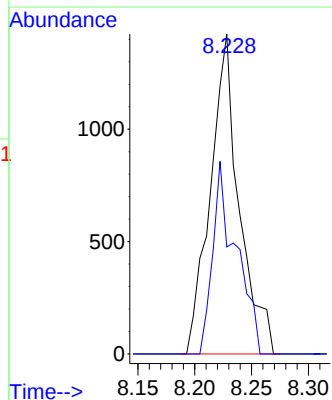
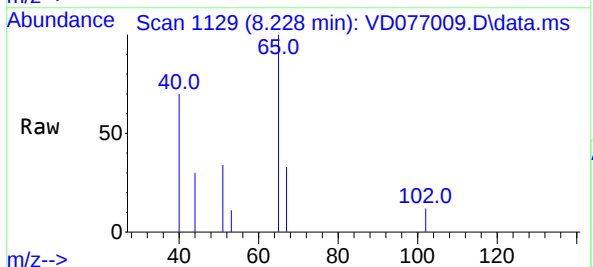


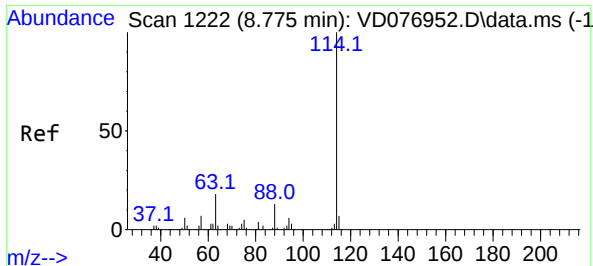
Tgt Ion:168 Resp: 2739
Ion Ratio Lower Upper
168 100
99 52.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 116.213 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077009.D
Acq: 14 Aug 2023 19:01

Tgt Ion: 65 Resp: 2511
Ion Ratio Lower Upper
65 100
67 48.5 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: VD077009.D

Acq: 14 Aug 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

SB-04-11.5-12.0

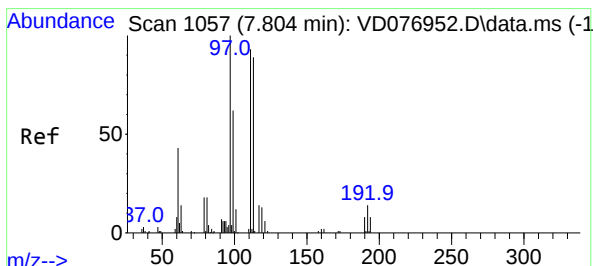
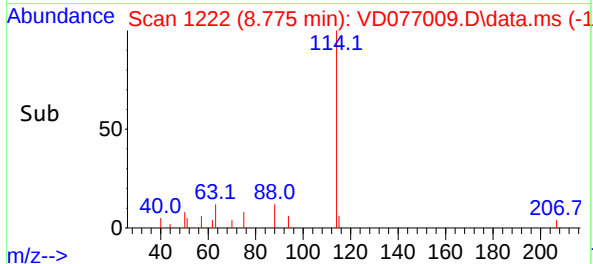
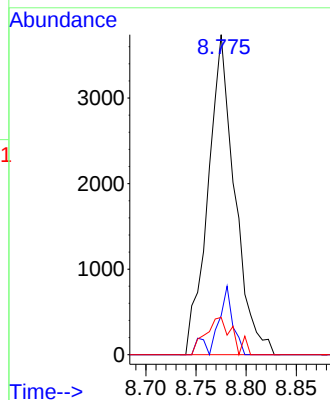
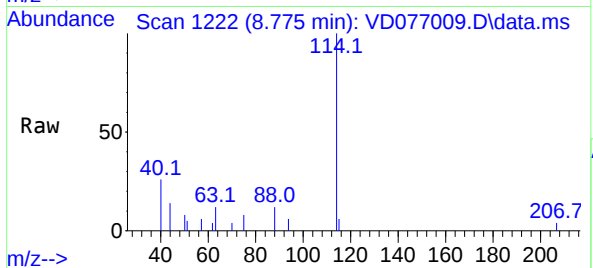
Tgt Ion:114 Resp: 6951

Ion Ratio Lower Upper

114 100

63 12.2 0.0 33.4

88 11.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 59.701 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VD077009.D

Acq: 14 Aug 2023 19:01

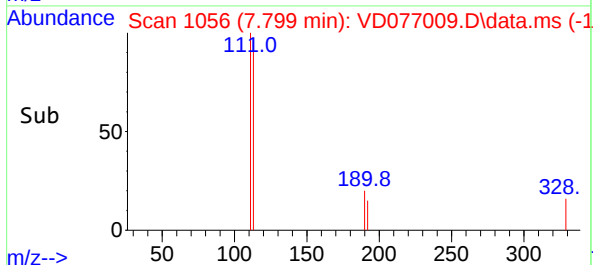
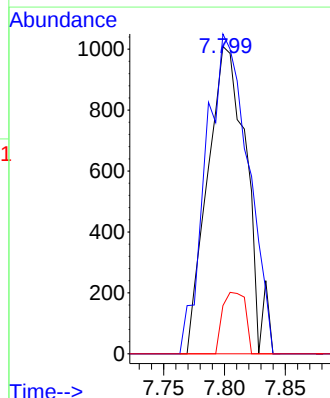
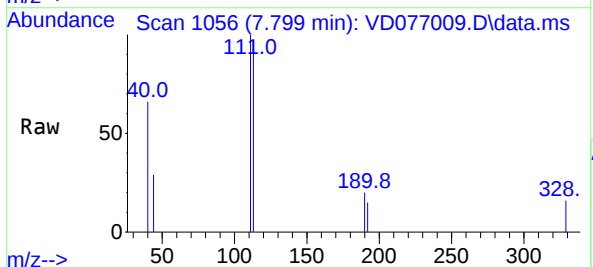
Tgt Ion:113 Resp: 2231

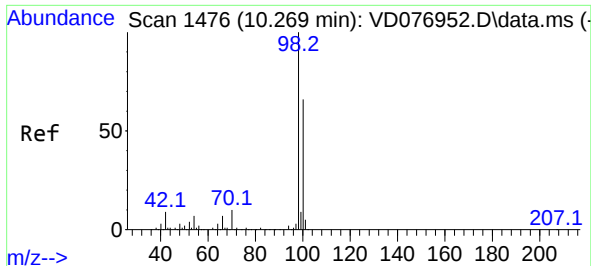
Ion Ratio Lower Upper

113 100

111 113.4 84.7 127.1

192 11.8 16.8 25.2#

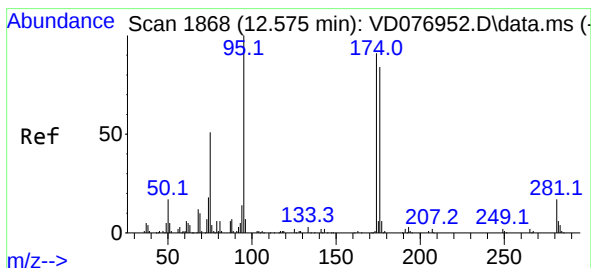
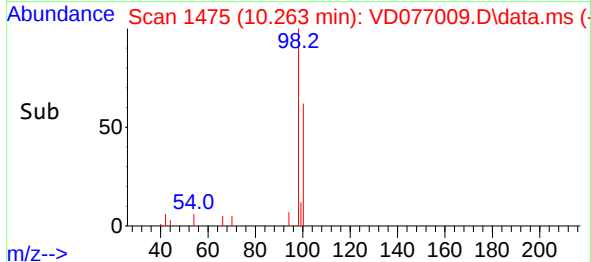
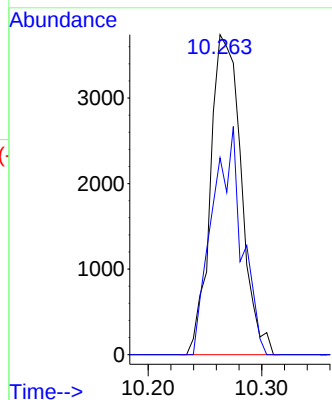
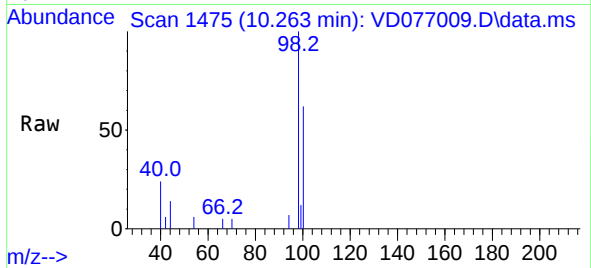




#50
Toluene-d8
Concen: 58.520 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD077009.D
Acq: 14 Aug 2023 19:01

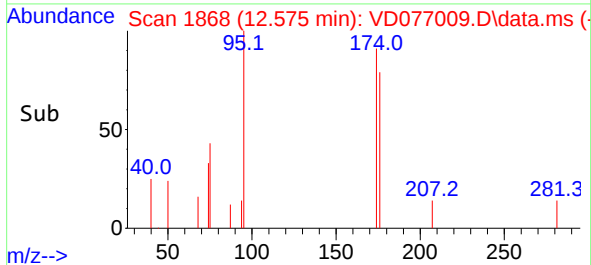
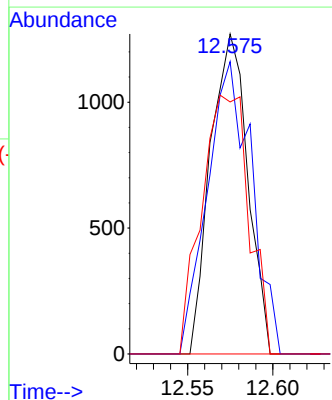
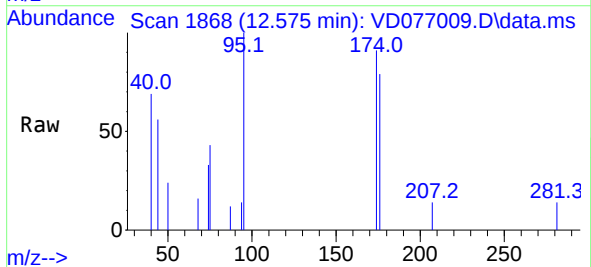
Instrument :
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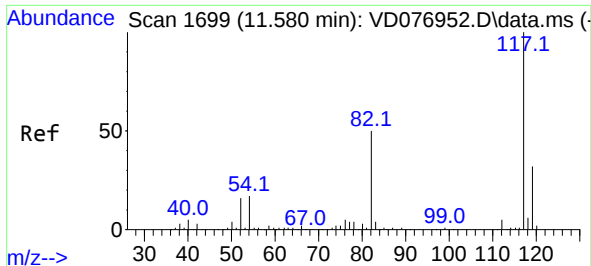
Tgt Ion: 98 Resp: 7024
Ion Ratio Lower Upper
98 100
100 69.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.044 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077009.D
Acq: 14 Aug 2023 19:01

Tgt Ion: 95 Resp: 1932
Ion Ratio Lower Upper
95 100
174 107.8 0.0 201.8
176 102.5 0.0 191.8

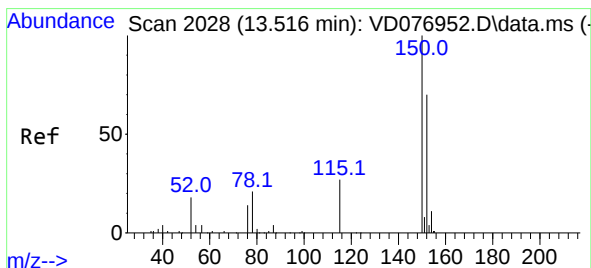
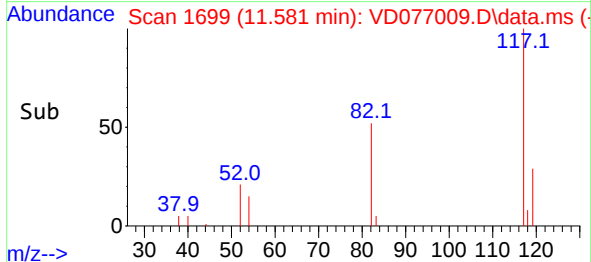
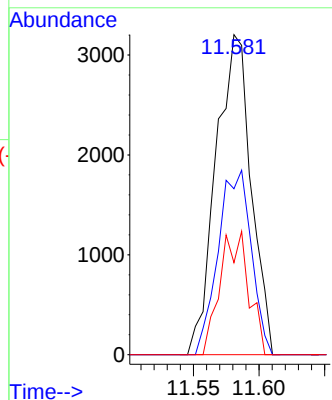
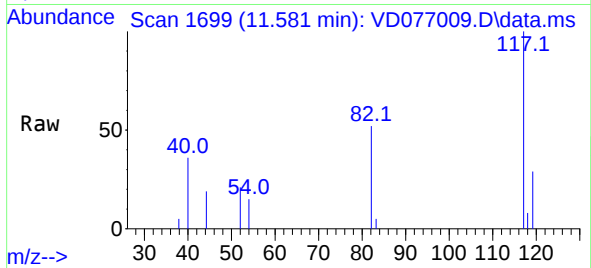




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077009.D
Acq: 14 Aug 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
SB-04-11.5-12.0

Tgt Ion:117	Resp:	5968
Ion Ratio	Lower	Upper
117	100	
82	51.8	38.3 57.5
119	28.7	25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD077009.D
Acq: 14 Aug 2023 19:01

Tgt Ion:152	Resp:	2372
Ion Ratio	Lower	Upper
152	100	
115	55.1	27.1 81.3
150	154.1	0.0 353.6

