

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077924.D
 Acq On : 16 Dec 2023 02:44
 Operator : RP/MD
 Sample : 05765-02
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-02-10-11

Quant Time: Dec 16 05:13:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

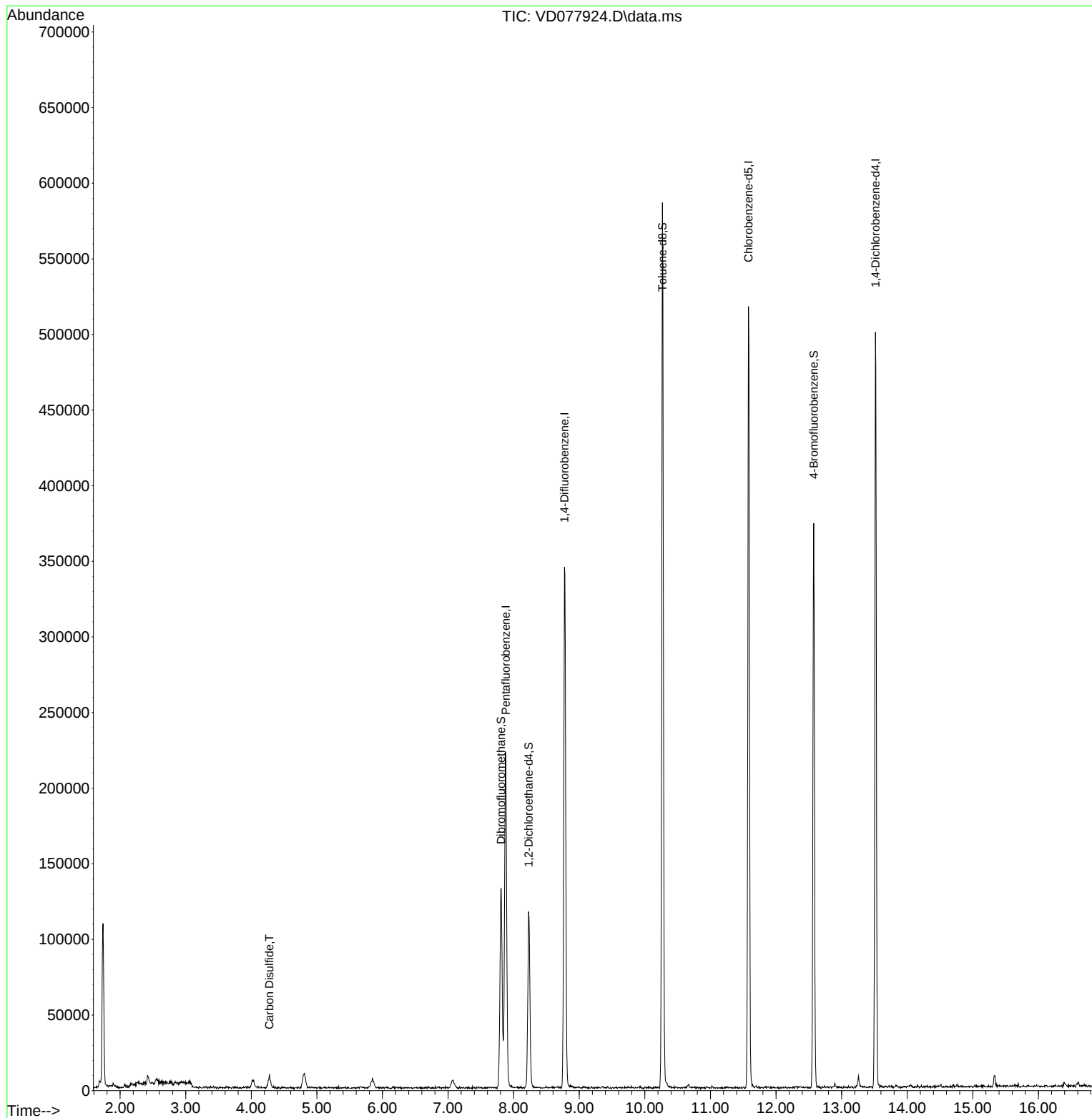
Internal Standards						
1) Pentafluorobenzene	7.881	168	165739	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	312787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	299611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88910	45.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.040%
35) Dibromofluoromethane	7.810	113	95452	43.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.140%
50) Toluene-d8	10.269	98	392600	44.740	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.480%
62) 4-Bromofluorobenzene	12.575	95	113452	43.244	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.480%
Target Compounds						
17) Carbon Disulfide	4.275	76	15097	2.240	ug/l	# 94

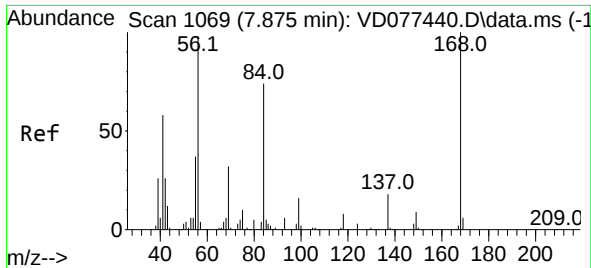
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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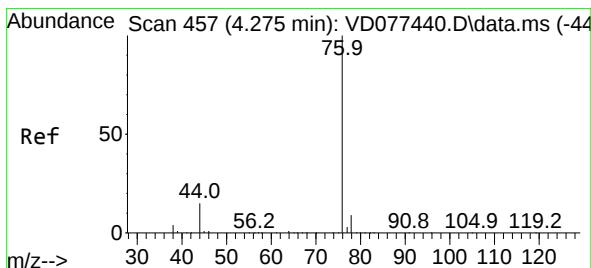
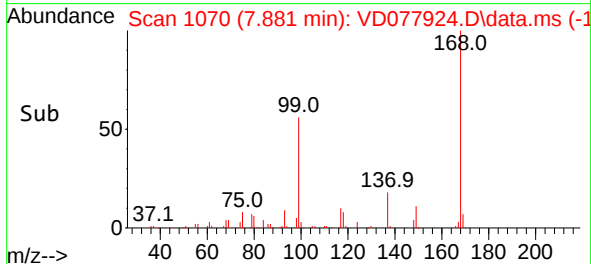
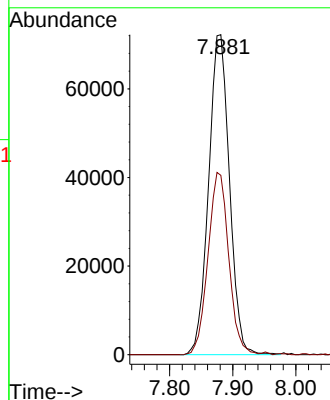
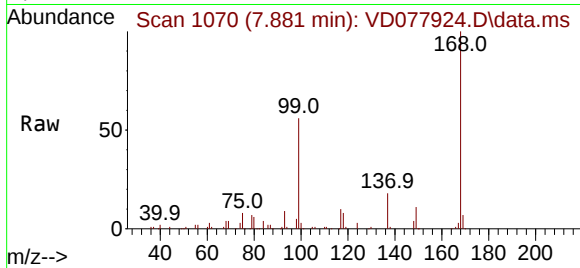




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077924.D
Acq: 16 Dec 2023 02:44

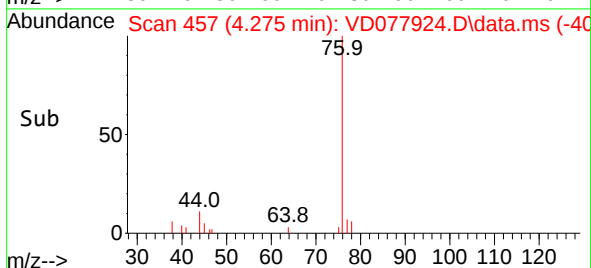
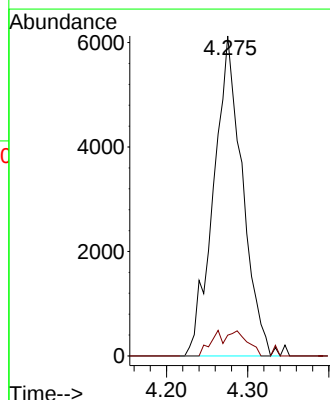
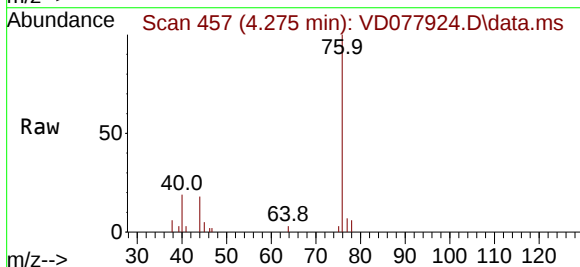
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-02-10-11

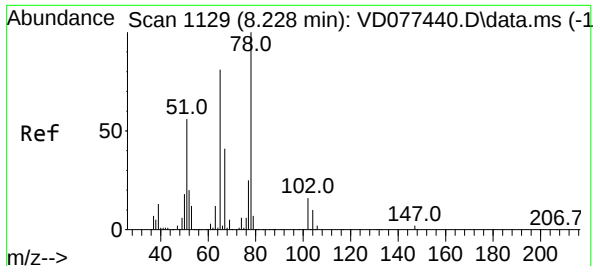
Tgt Ion:168 Resp: 165739
Ion Ratio Lower Upper
168 100
99 56.1 36.7 55.1#



#17
Carbon Disulfide
Concen: 2.240 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077924.D
Acq: 16 Dec 2023 02:44

Tgt Ion: 76 Resp: 15097
Ion Ratio Lower Upper
76 100
78 6.5 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 45.525 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077924.D

Acq: 16 Dec 2023 02:44

Instrument :

MSVOA_D

ClientSampleId :

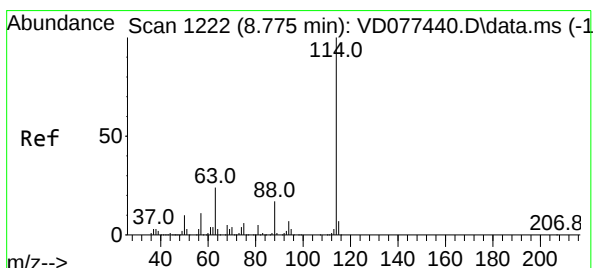
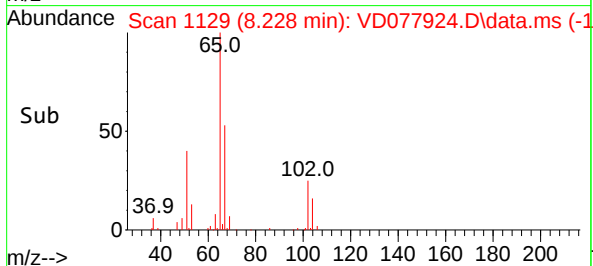
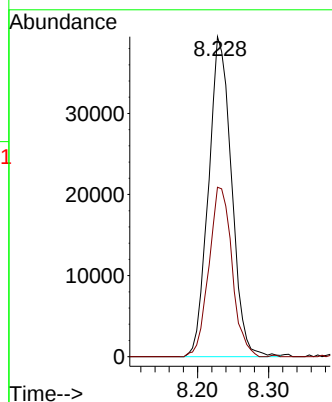
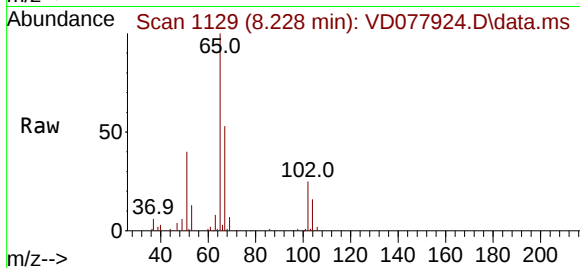
RT-SB-02-10-11

Tgt Ion: 65 Resp: 88910

Ion Ratio Lower Upper

65 100

67 53.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077924.D

Acq: 16 Dec 2023 02:44

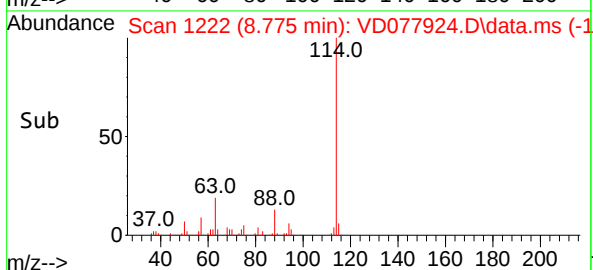
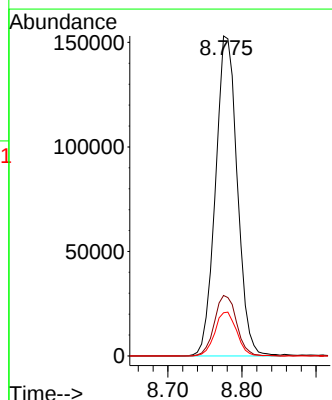
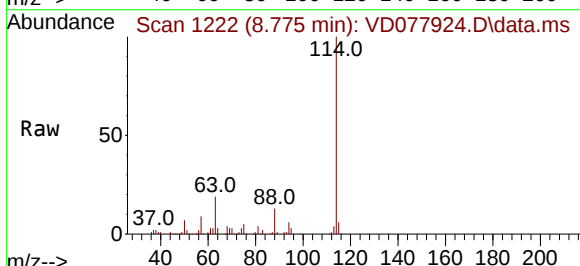
Tgt Ion: 114 Resp: 312787

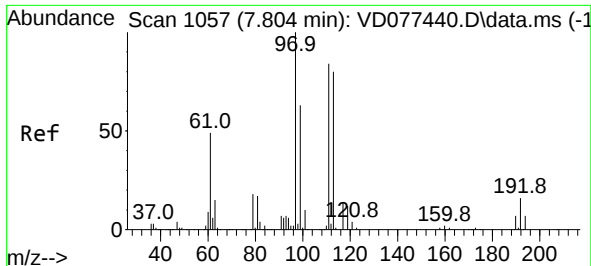
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.566 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077924.D

Acq: 16 Dec 2023 02:44

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-02-10-11

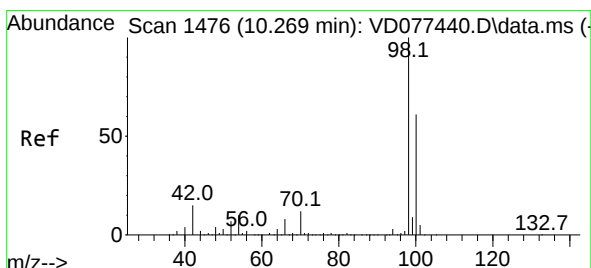
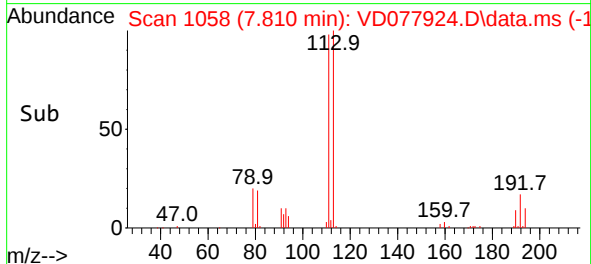
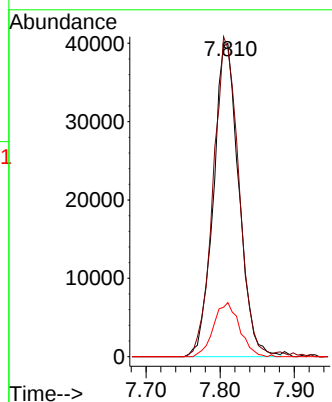
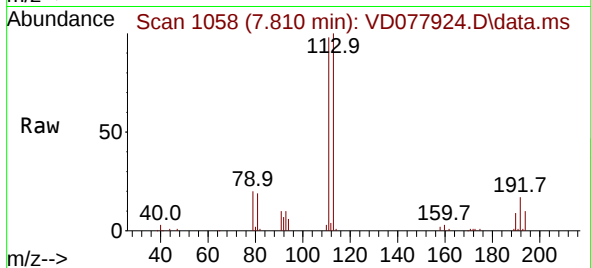
Tgt Ion:113 Resp: 95452

Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 17.5 16.8 25.2



#50

Toluene-d8

Concen: 44.740 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077924.D

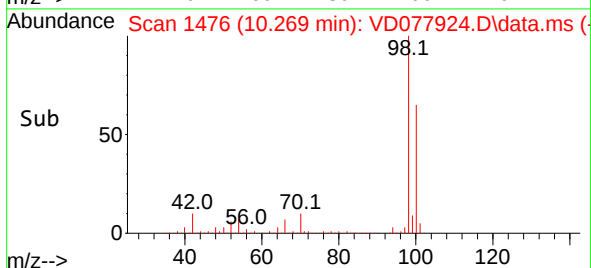
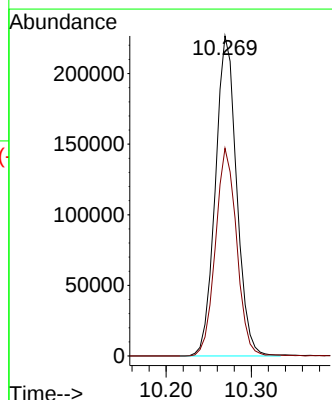
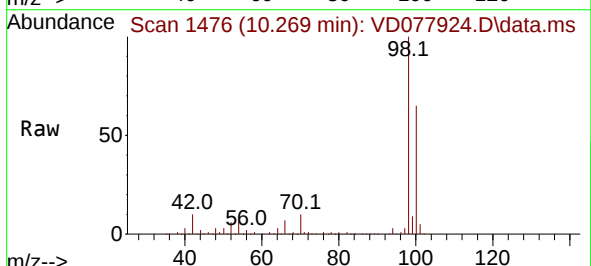
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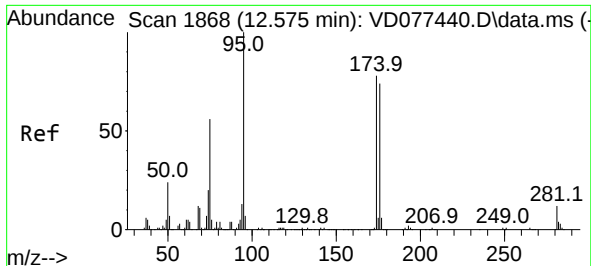
Tgt Ion: 98 Resp: 392600

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

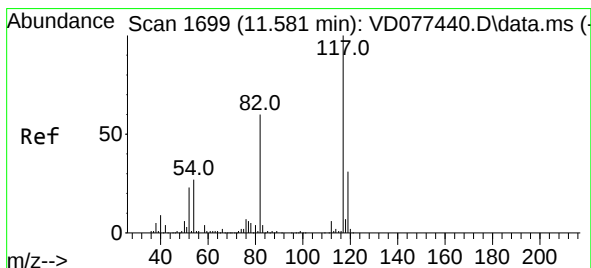
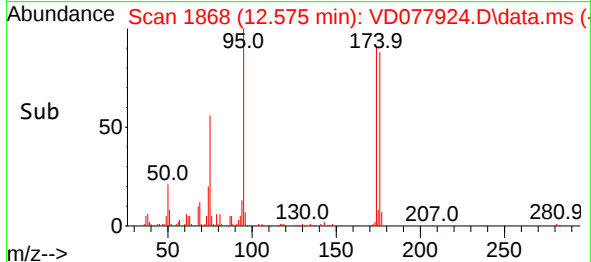
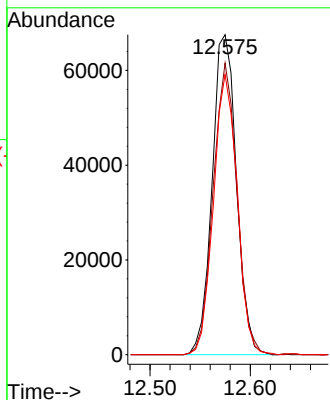
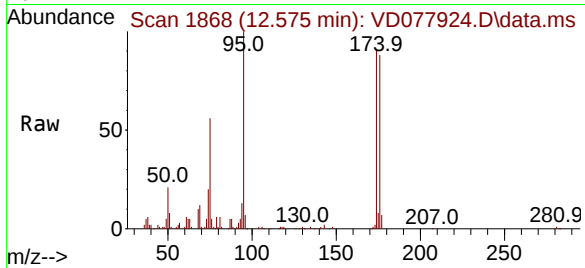




#62
4-Bromofluorobenzene
Concen: 43.244 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077924.D
Acq: 16 Dec 2023 02:44

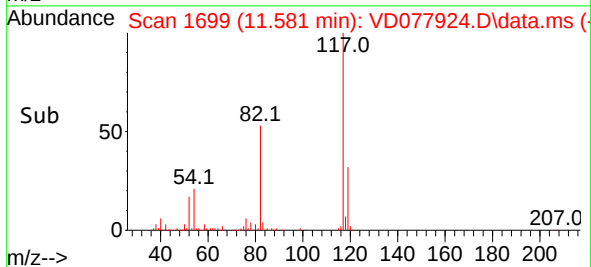
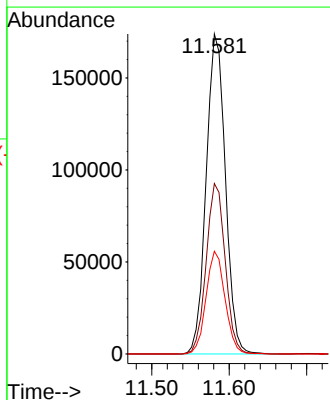
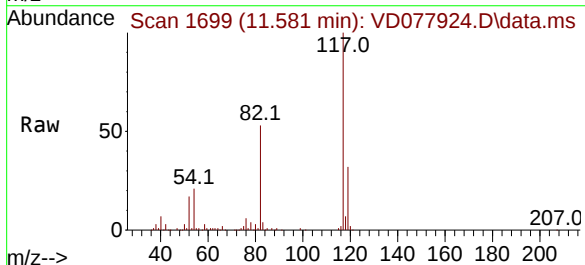
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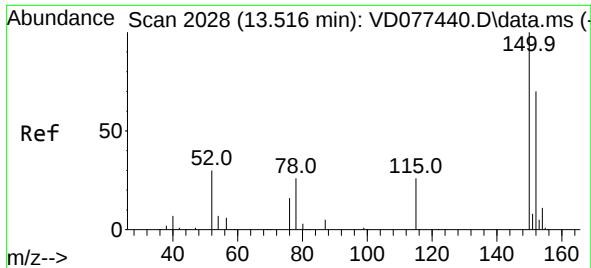
Tgt Ion:	95	Resp:	113452
Ion Ratio	Lower	Upper	
95	100		
174	89.1	0.0	201.8
176	85.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077924.D
Acq: 16 Dec 2023 02:44

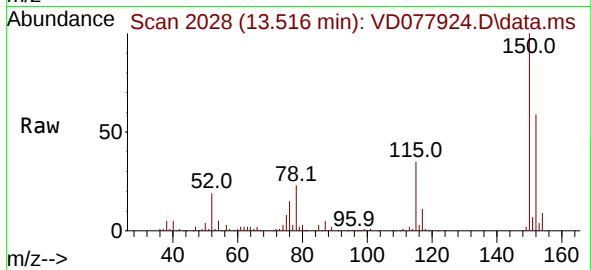
Tgt Ion:	117	Resp:	299611
Ion Ratio	Lower	Upper	
117	100		
82	53.3	38.3	57.5
119	32.1	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077924.D
 Acq: 16 Dec 2023 02:44

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-02-10-11



Tgt Ion:152 Resp: 131277
 Ion Ratio Lower Upper
 152 100
 115 55.7 27.1 81.3
 150 158.7 0.0 353.6

