

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078500.D
 Acq On : 21 Feb 2024 15:46
 Operator : RP/MD
 Sample : P1538-05
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241100-COMPOSITE-35N-N-4-05

Quant Time: Feb 22 00:05:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

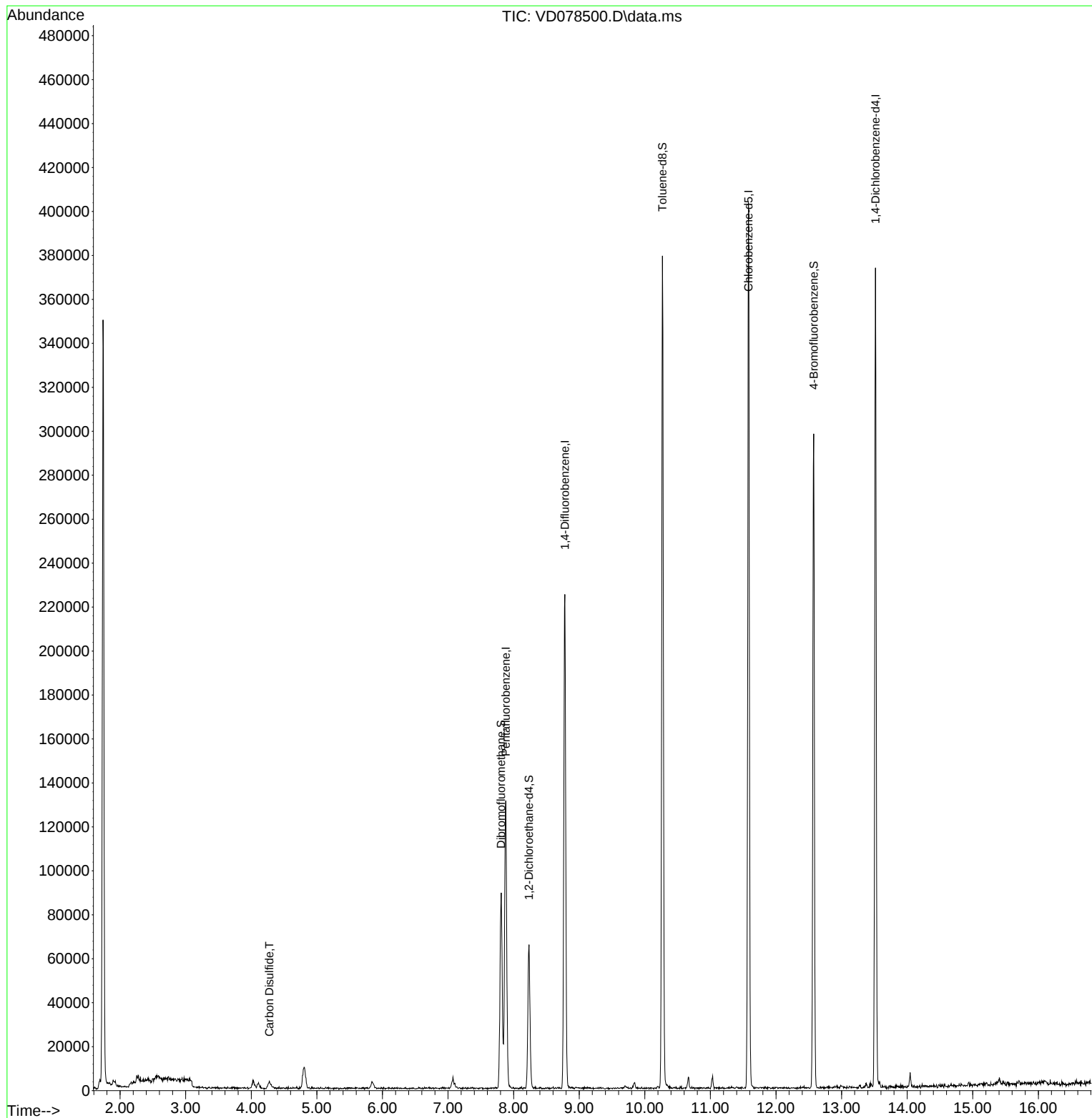
Internal Standards						
1) Pentafluorobenzene	7.881	168	100655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	209180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50824	46.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.400%
35) Dibromofluoromethane	7.810	113	65288	49.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.269	98	265789	50.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.575	95	90030	58.204	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	116.400%
Target Compounds						
17) Carbon Disulfide	4.275	76	5990	1.622	ug/l	Qvalue # 73

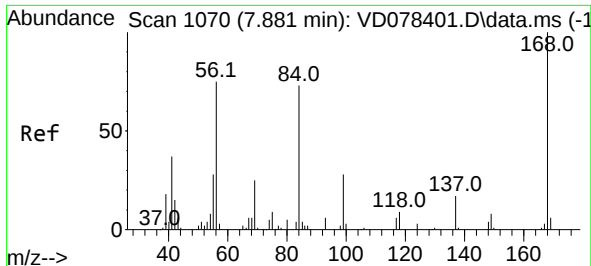
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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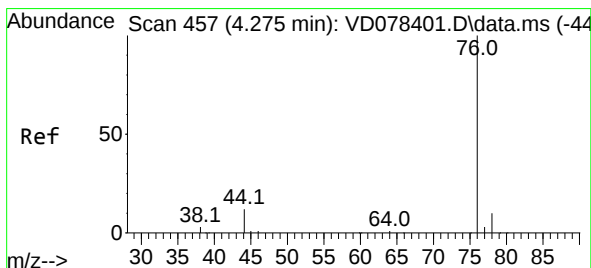
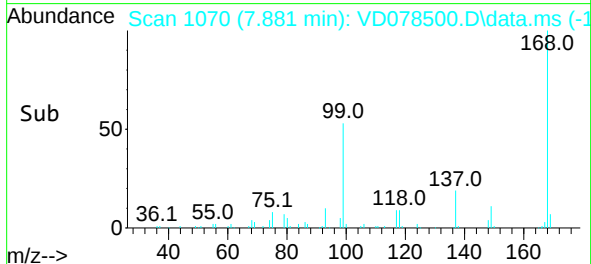
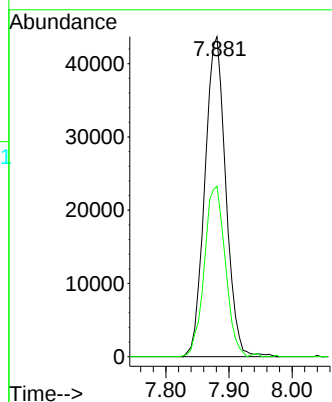
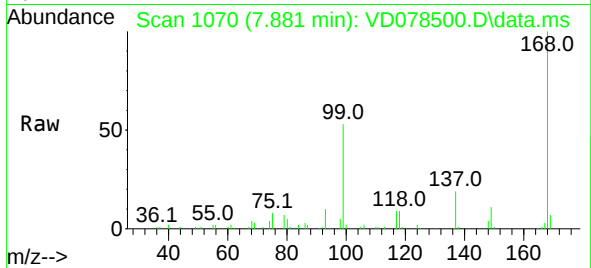




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

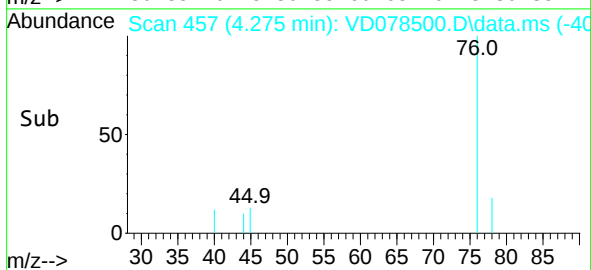
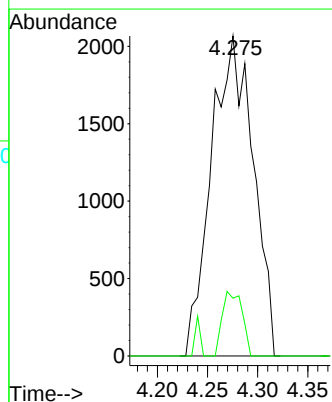
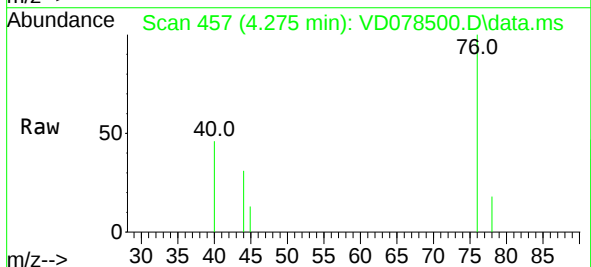
Instrument :
MSVOA_D
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05

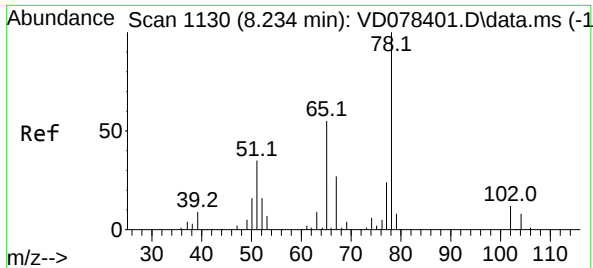
Tgt Ion:168 Resp: 100655
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#17
Carbon Disulfide
Concen: 1.622 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Tgt Ion: 76 Resp: 5990
Ion Ratio Lower Upper
76 100
78 18.0 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 46.699 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078500.D

Acq: 21 Feb 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

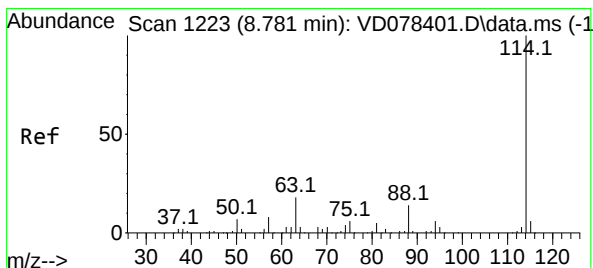
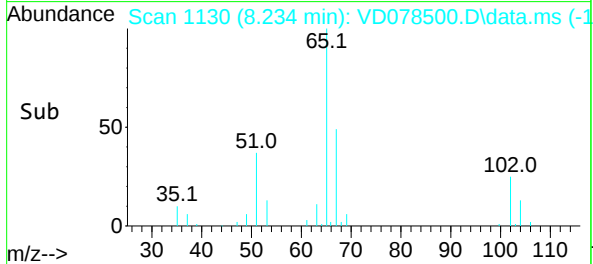
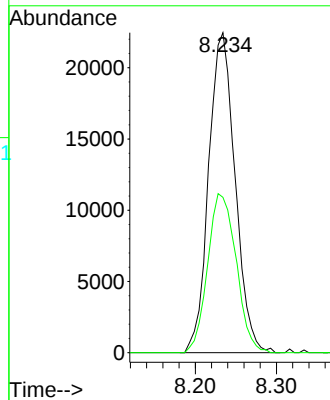
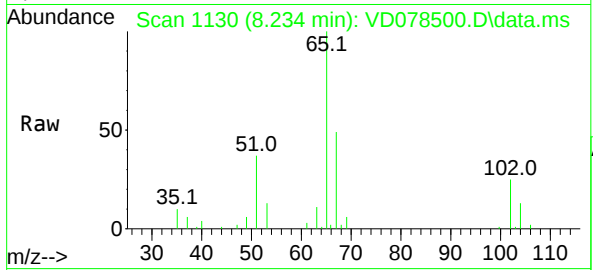
20241100-COMPOSITE-35N-N-4-05

Tgt Ion: 65 Resp: 50824

Ion Ratio Lower Upper

65 100

67 53.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078500.D

Acq: 21 Feb 2024 15:46

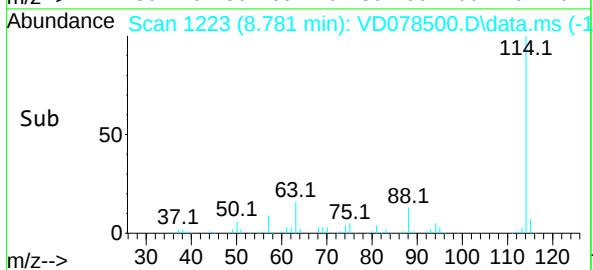
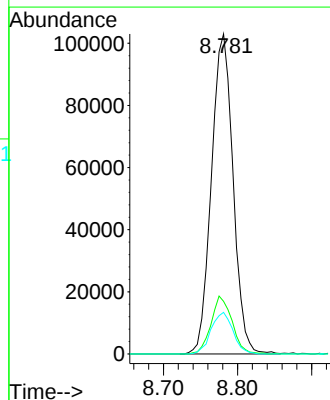
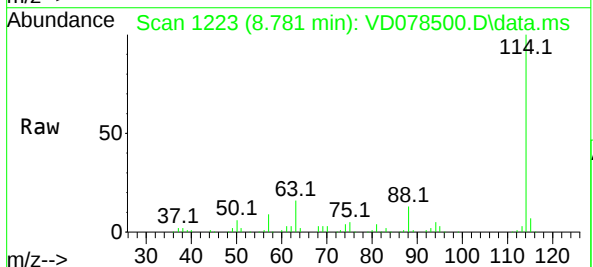
Tgt Ion: 114 Resp: 209180

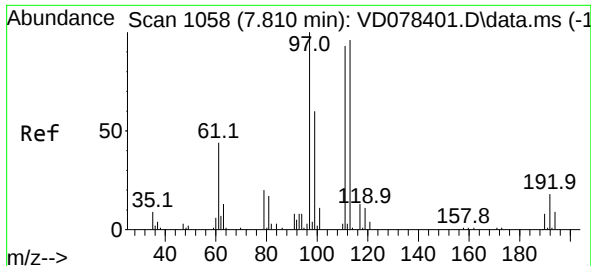
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.135 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078500.D

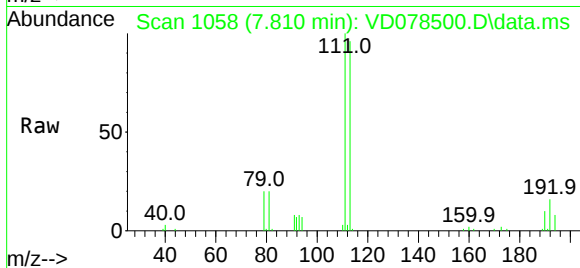
Acq: 21 Feb 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

20241100-COMPOSITE-35N-N-4-05



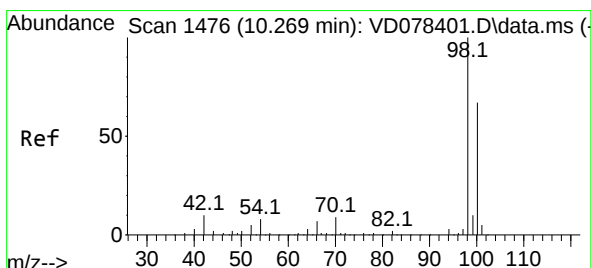
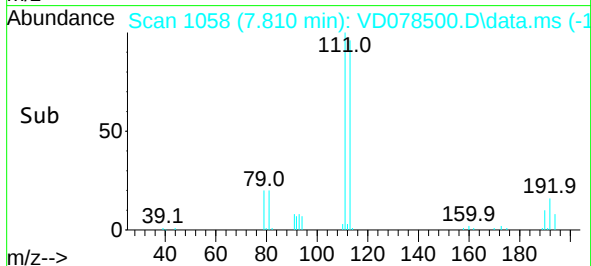
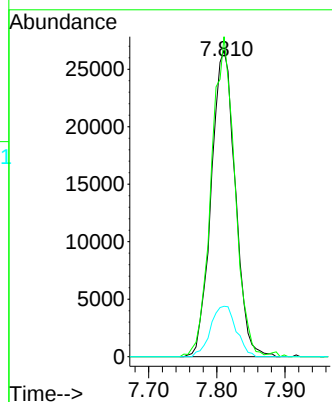
Tgt Ion:113 Resp: 65288

Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 17.5 16.8 25.2



#50

Toluene-d8

Concen: 50.004 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078500.D

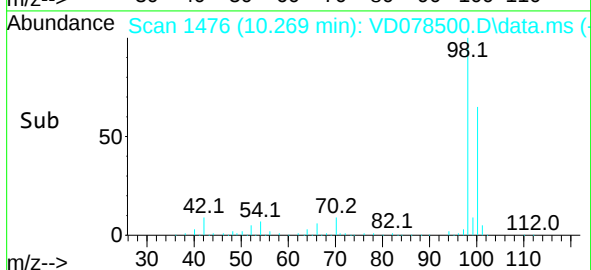
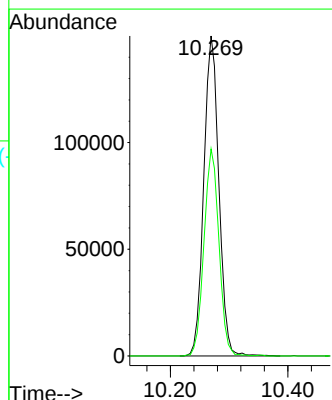
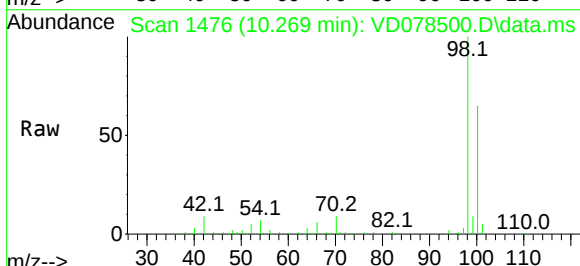
Acq: 21 Feb 2024 15:46

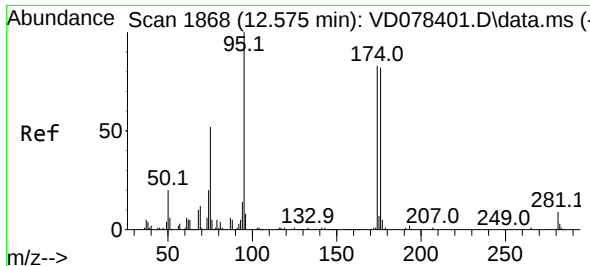
Tgt Ion: 98 Resp: 265789

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

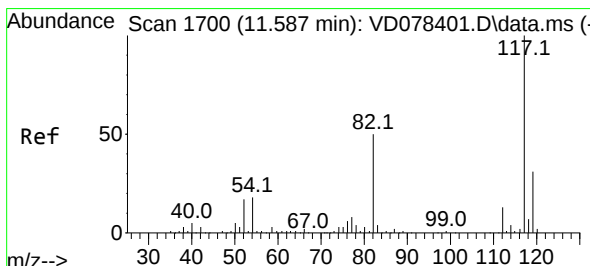
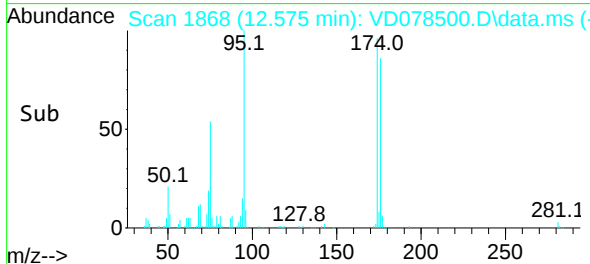
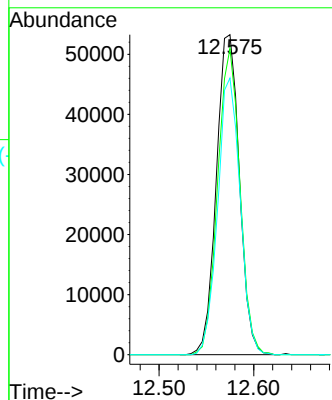
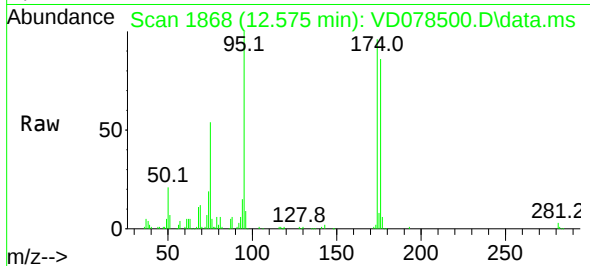




#62
4-Bromofluorobenzene
Concen: 58.204 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

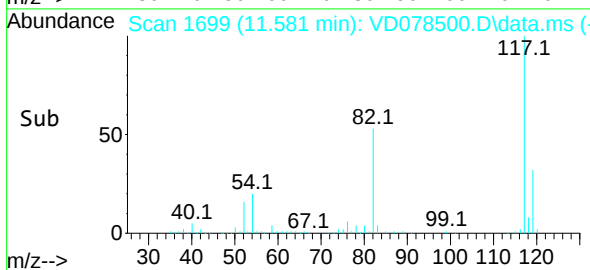
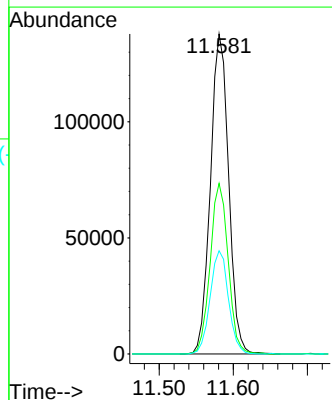
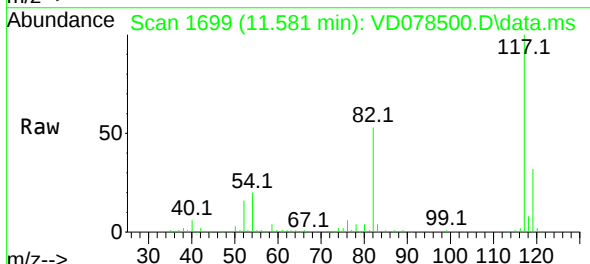
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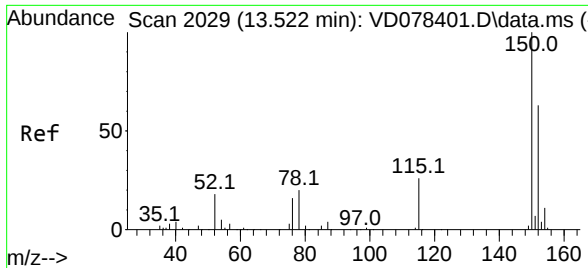
Tgt Ion:	95	Resp:	90030
Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	201.8
176	84.5	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

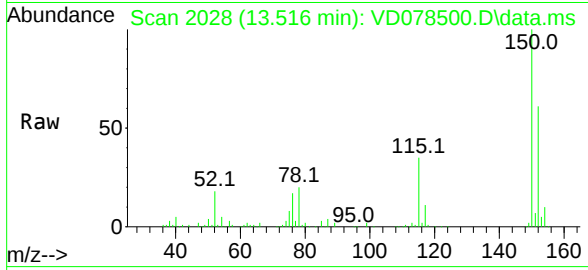
Tgt Ion:	117	Resp:	235304
Ion	Ratio	Lower	Upper
117	100		
82	53.3	38.3	57.5
119	32.3	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05



Tgt Ion:	152	Resp:	100830
Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.1	81.3
150	157.6	0.0	353.6

