

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078483.D
 Acq On : 20 Feb 2024 15:09
 Operator : RP/MD
 Sample : P1530-02
 Misc : 4.17G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BROAD-GENERAL

Quant Time: Feb 21 05:24:16 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)

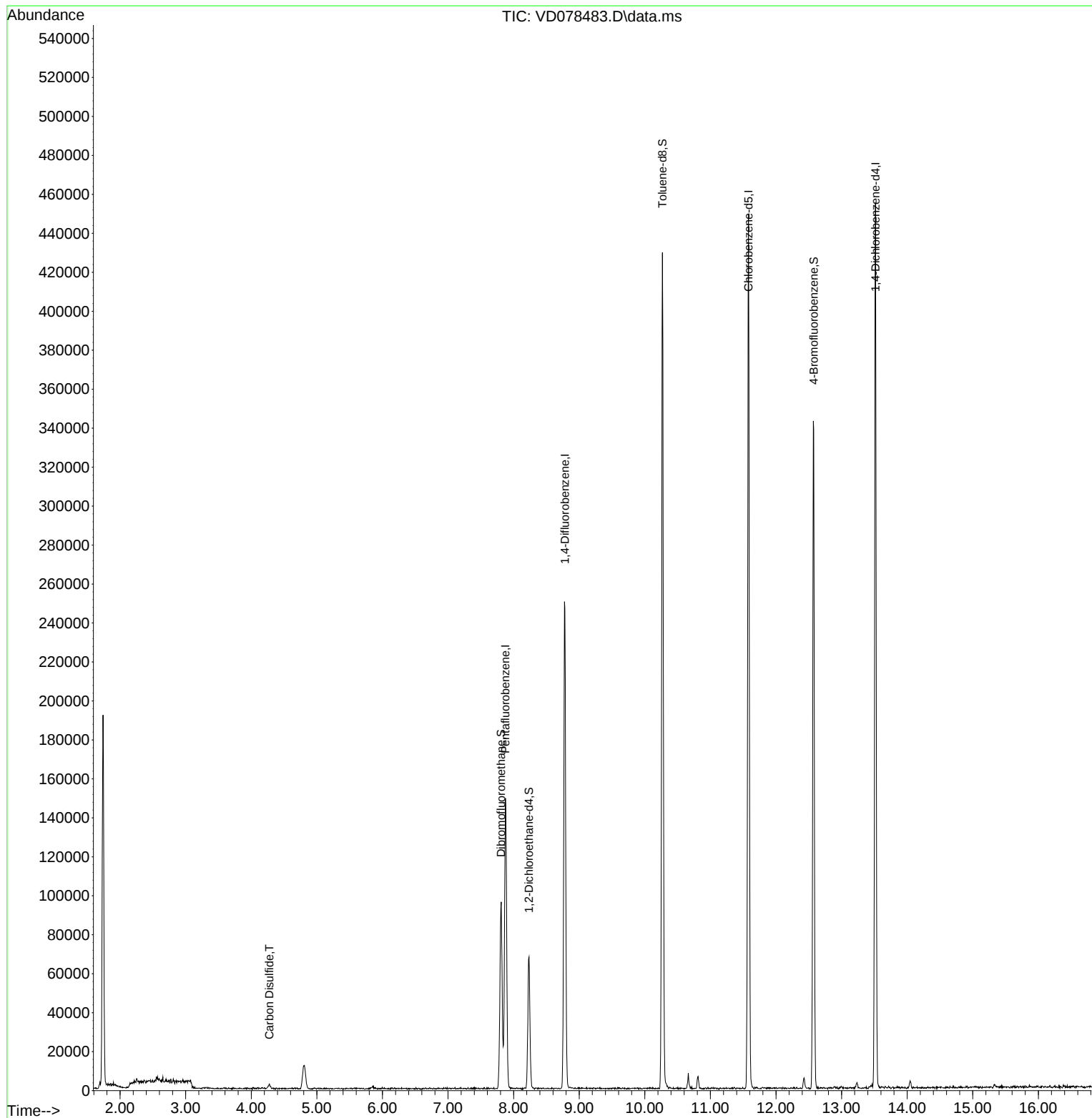
Internal Standards						
1) Pentafluorobenzene	7.875	168	113925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	231811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51382	41.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.420%
35) Dibromofluoromethane	7.810	113	70142	47.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.260%
50) Toluene-d8	10.269	98	297312	50.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.575	95	103600	60.438	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.880%
Target Compounds						
17) Carbon Disulfide	4.275	76	4255	1.018	ug/l	Qvalue 100

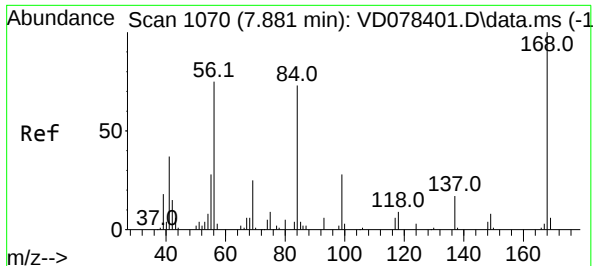
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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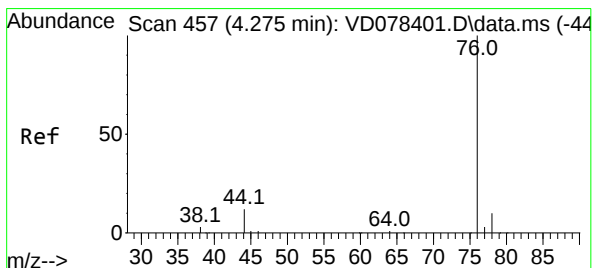
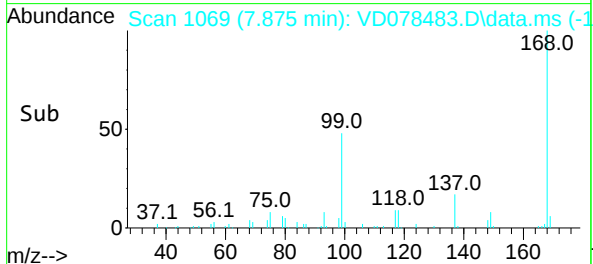
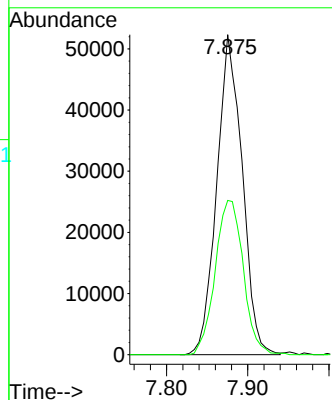
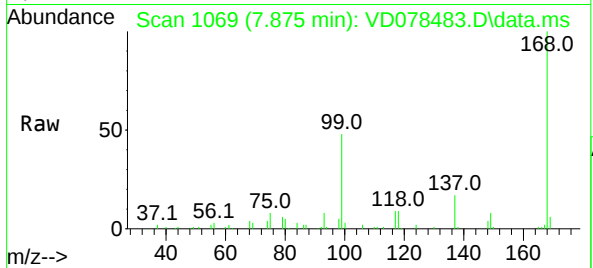




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078483.D
Acq: 20 Feb 2024 15:09

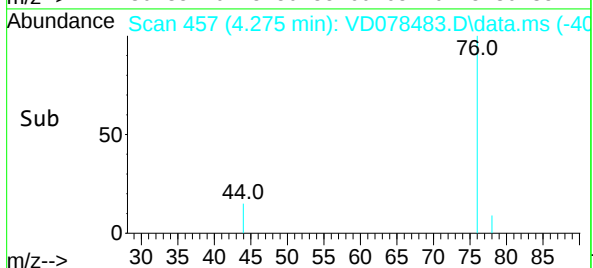
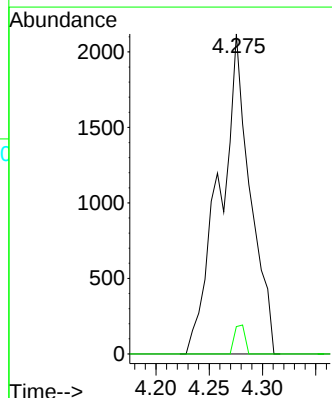
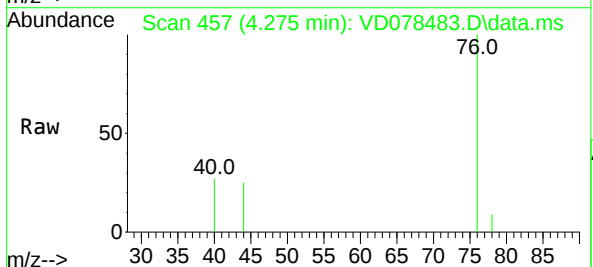
Instrument :
MSVOA_D
ClientSampleId :
BROAD-GENERAL

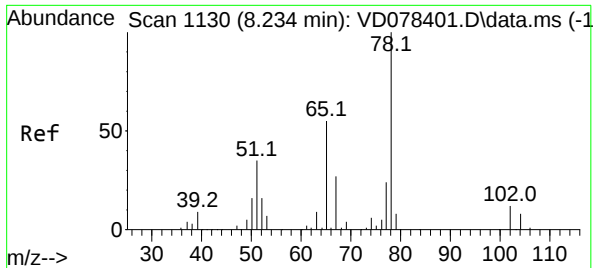
Tgt Ion:168 Resp: 113925
Ion Ratio Lower Upper
168 100
99 48.2 36.7 55.1



#17
Carbon Disulfide
Concen: 1.018 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078483.D
Acq: 20 Feb 2024 15:09

Tgt Ion: 76 Resp: 4255
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2





#33

1,2-Dichloroethane-d4

Concen: 41.713 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078483.D

Acq: 20 Feb 2024 15:09

Instrument :

MSVOA_D

ClientSampleId :

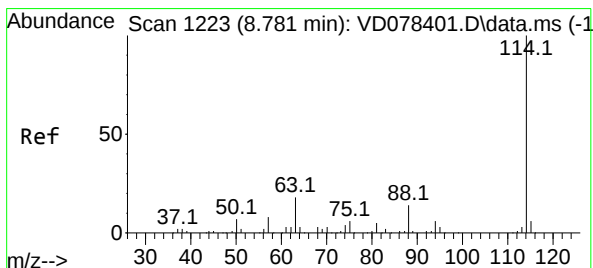
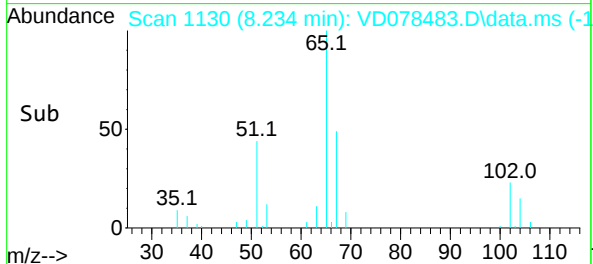
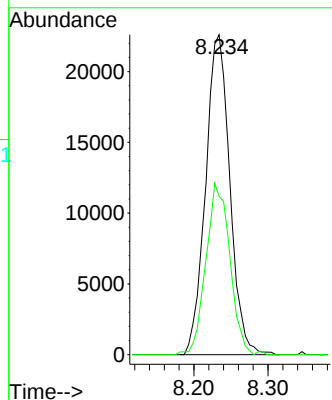
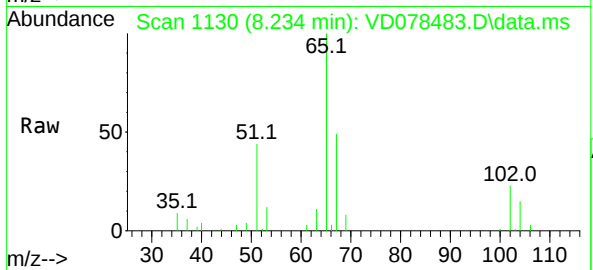
BROAD-GENERAL

Tgt Ion: 65 Resp: 51382

Ion Ratio Lower Upper

65 100

67 52.6 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: VD078483.D

Acq: 20 Feb 2024 15:09

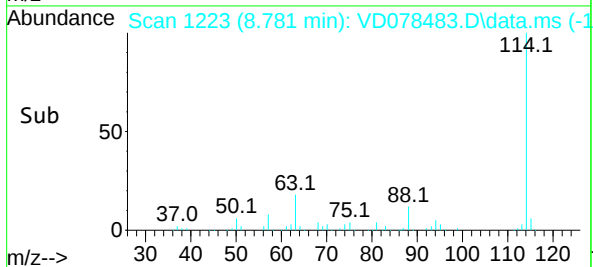
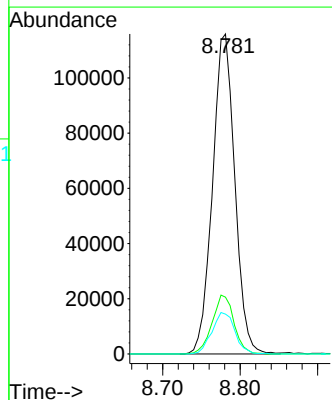
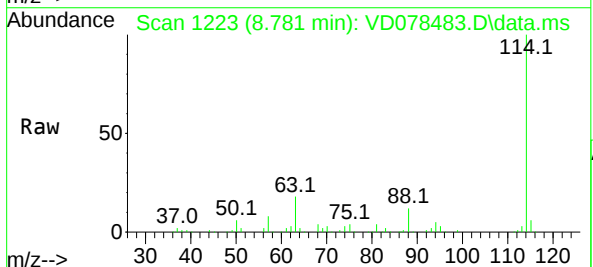
Tgt Ion:114 Resp: 231811

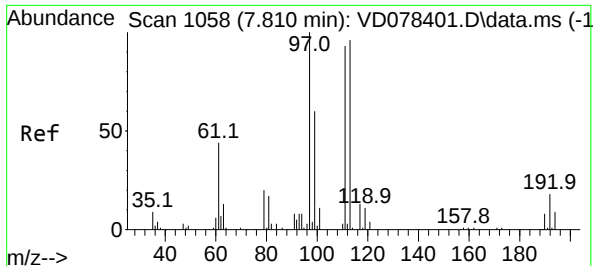
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 12.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.634 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078483.D

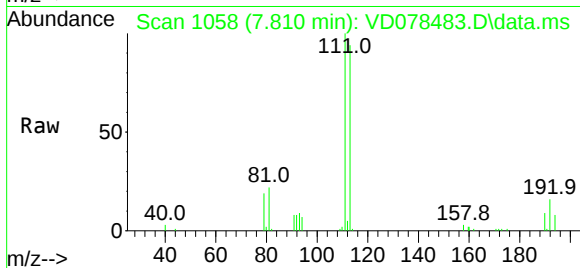
Acq: 20 Feb 2024 15:09

Instrument :

MSVOA_D

ClientSampleId :

BROAD-GENERAL



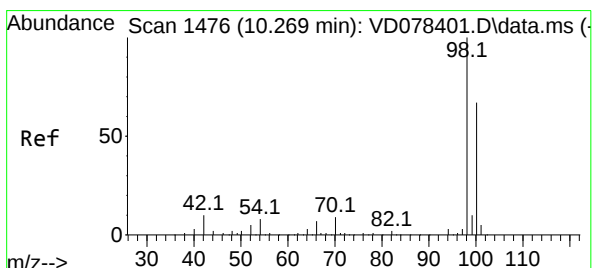
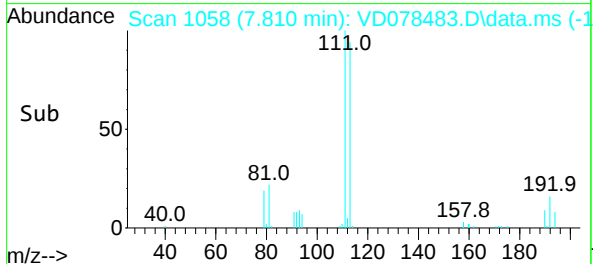
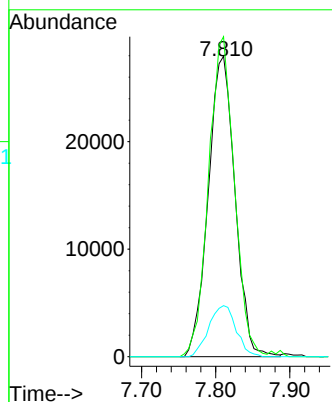
Tgt Ion:113 Resp: 70142

Ion Ratio Lower Upper

113 100

111 102.5 84.7 127.1

192 17.3 16.8 25.2



#50

Toluene-d8

Concen: 50.474 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078483.D

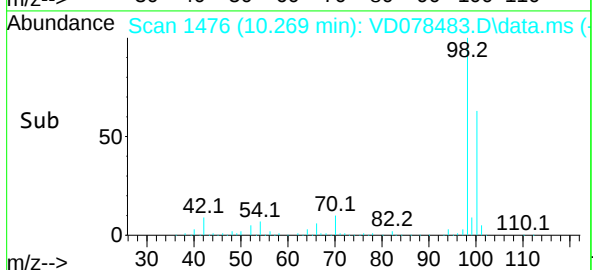
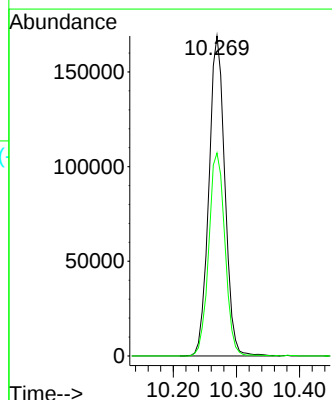
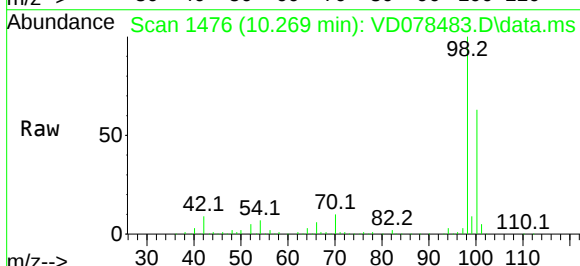
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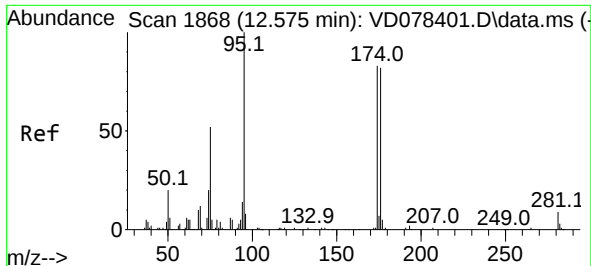
Tgt Ion: 98 Resp: 297312

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

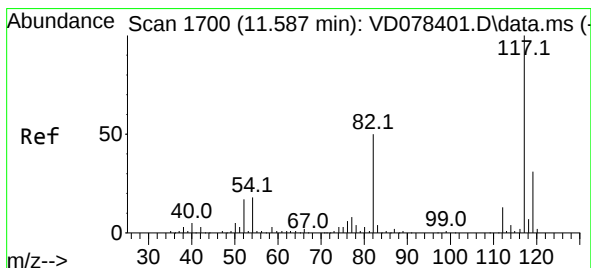
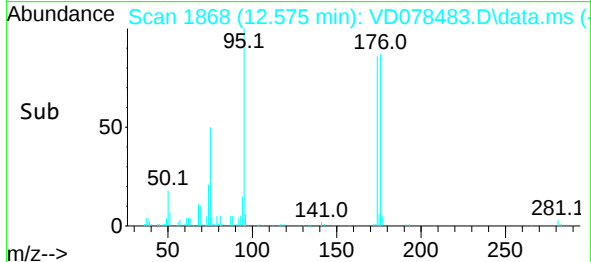
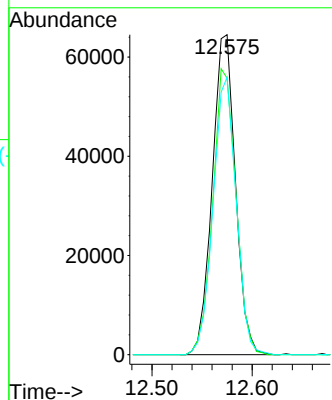
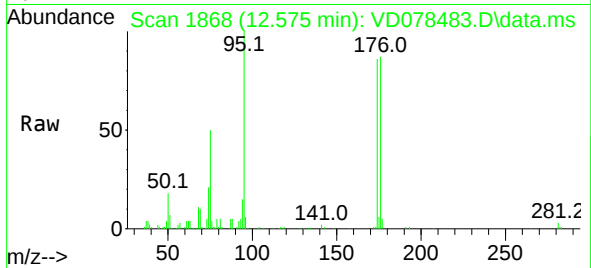




#62
4-Bromofluorobenzene
Concen: 60.438 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078483.D
Acq: 20 Feb 2024 15:09

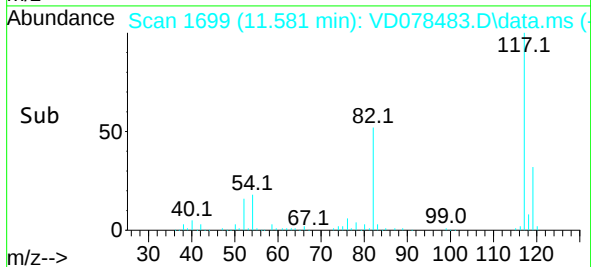
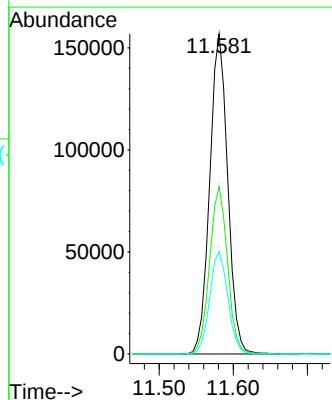
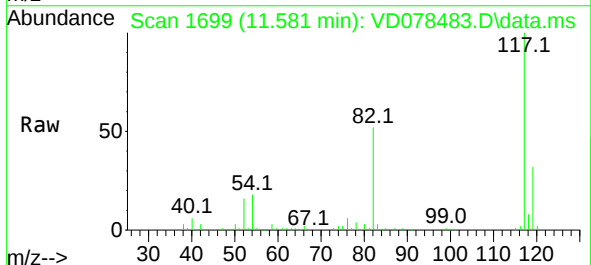
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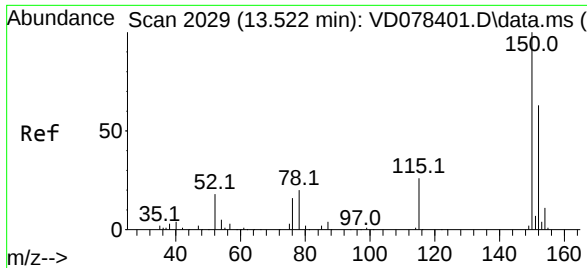
Tgt Ion: 95 Resp: 103600
Ion Ratio Lower Upper
95 100
174 89.4 0.0 201.8
176 86.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078483.D
Acq: 20 Feb 2024 15:09

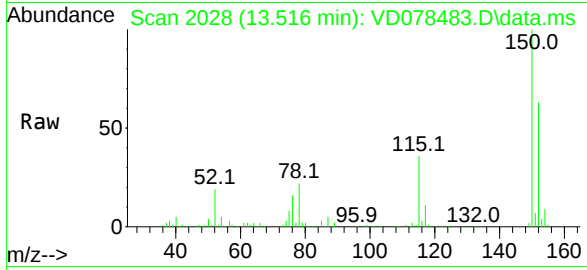
Tgt Ion: 117 Resp: 264251
Ion Ratio Lower Upper
117 100
82 52.3 38.3 57.5
119 32.0 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078483.D
 Acq: 20 Feb 2024 15:09

Instrument :
 MSVOA_D
 ClientSampleId :
 BROAD-GENERAL



Tgt Ion:152 Resp: 117981
 Ion Ratio Lower Upper
 152 100
 115 57.8 27.1 81.3
 150 161.1 0.0 353.6

