

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078935.D
 Acq On : 15 May 2024 17:38
 Operator : RP/MD
 Sample : P2490-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978

Quant Time: May 16 01:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

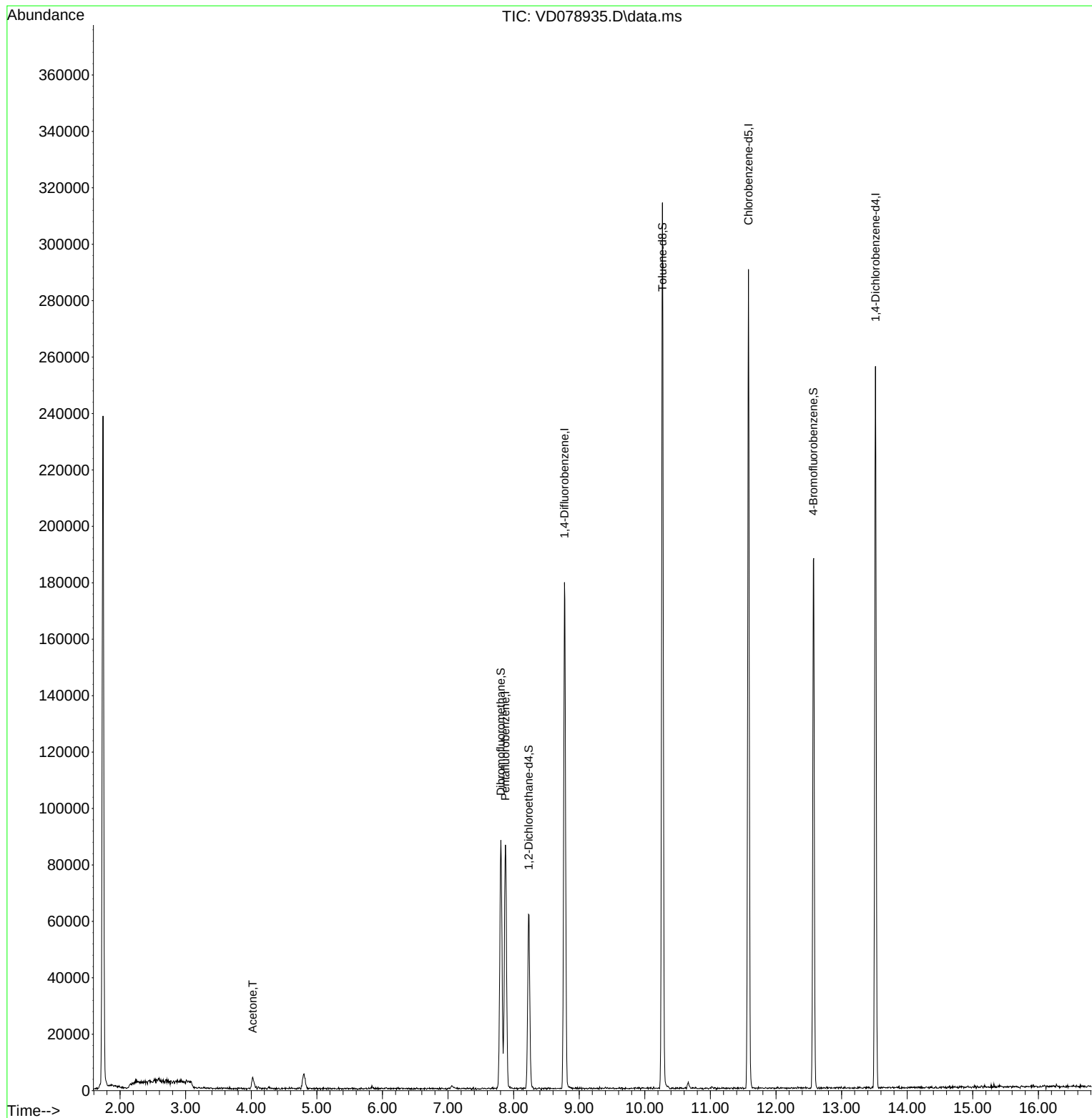
Internal Standards						
1) Pentafluorobenzene	7.875	168	72220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	170632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	72219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48450	71.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.040%	
35) Dibromofluoromethane	7.805	113	66068	58.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.340%	
50) Toluene-d8	10.269	98	224744	52.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.569	95	55919	46.747	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.500%	
Target Compounds						
16) Acetone	4.022	43	6428	59.512	ug/l	Qvalue # 80

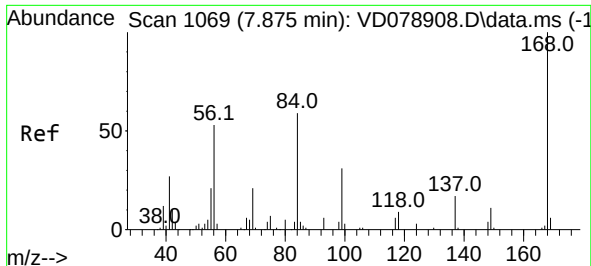
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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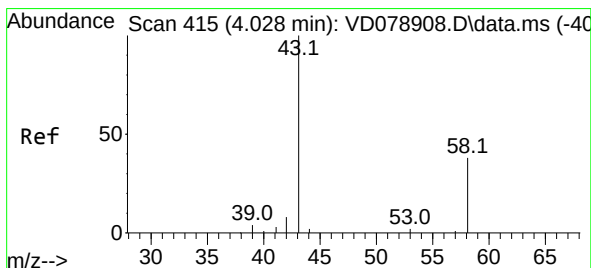
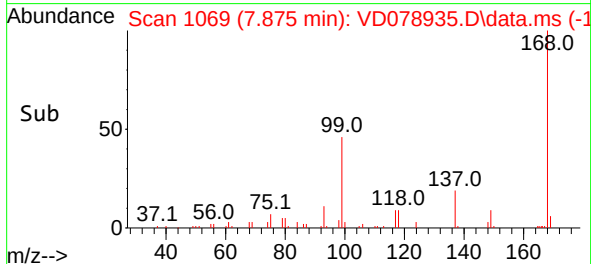
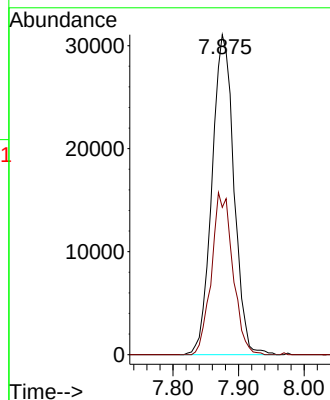
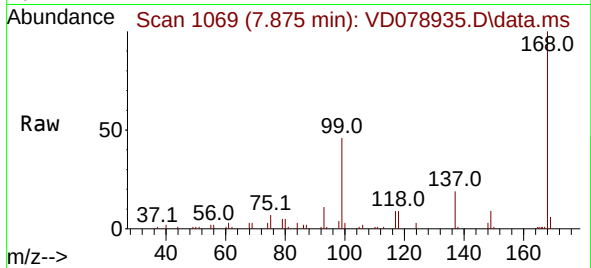




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

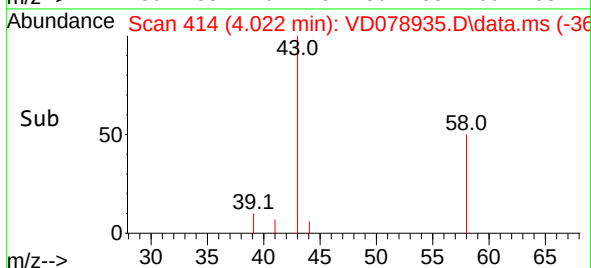
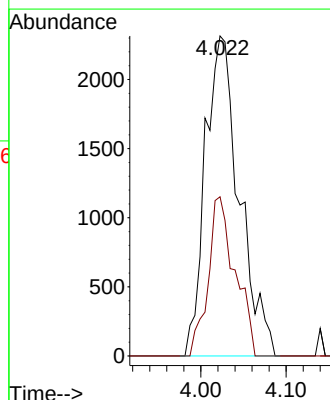
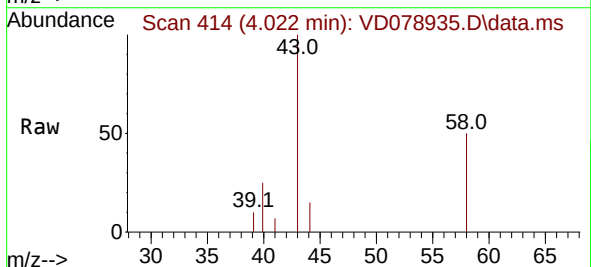
Instrument :
MSVOA_D
ClientSampleId :
72-11978

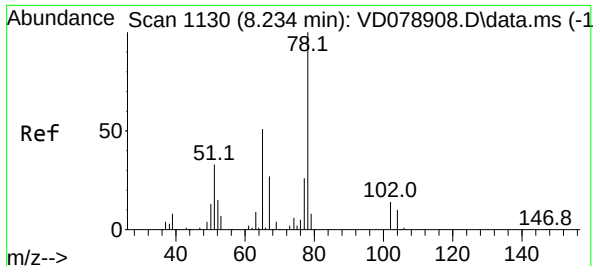
Tgt Ion:168 Resp: 72220
Ion Ratio Lower Upper
168 100
99 46.0 41.1 61.7



#16
Acetone
Concen: 59.512 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

Tgt Ion: 43 Resp: 6428
Ion Ratio Lower Upper
43 100
58 49.8 30.4 45.6#





#33

1,2-Dichloroethane-d4

Concen: 71.521 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078935.D

Acq: 15 May 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

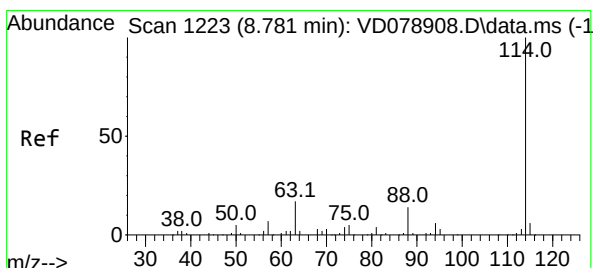
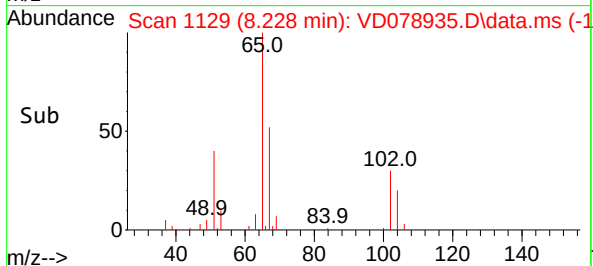
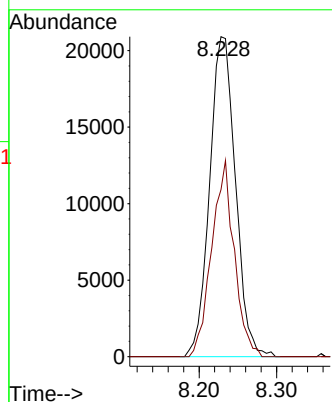
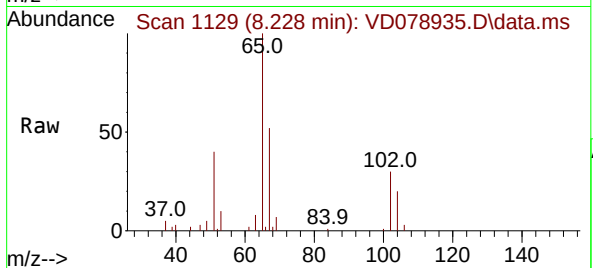
72-11978

Tgt Ion: 65 Resp: 48450

Ion Ratio Lower Upper

65 100

67 53.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.005 min

Lab File: VD078935.D

Acq: 15 May 2024 17:38

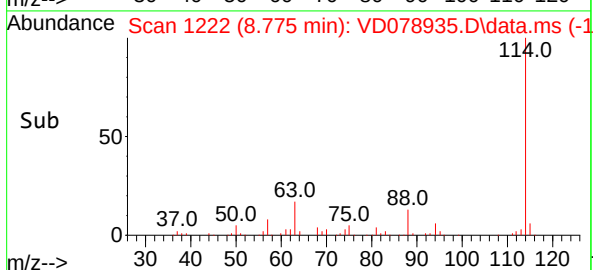
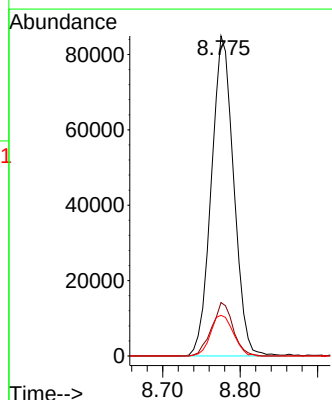
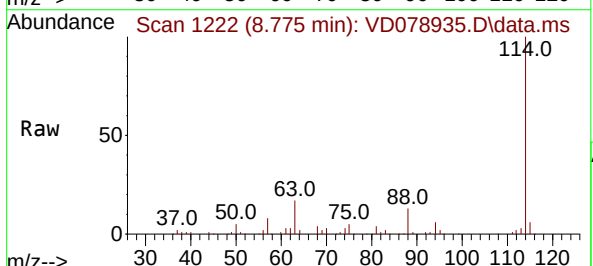
Tgt Ion: 114 Resp: 170632

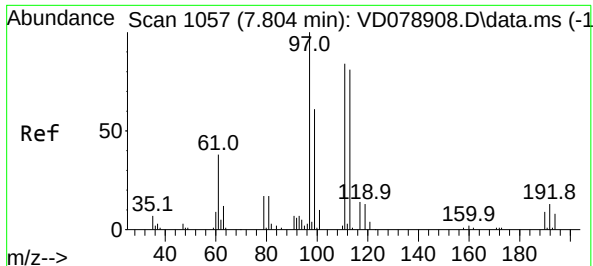
Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.0

88 12.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 58.167 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078935.D

Acq: 15 May 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

72-11978

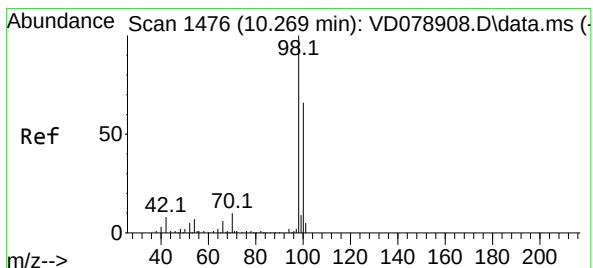
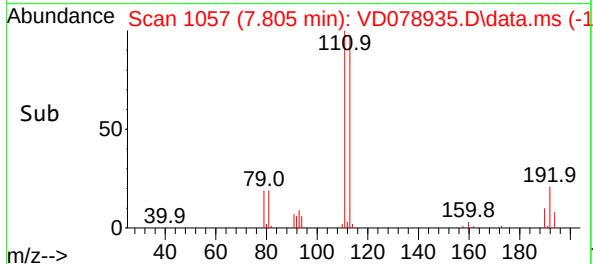
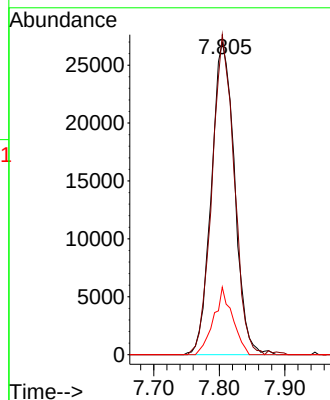
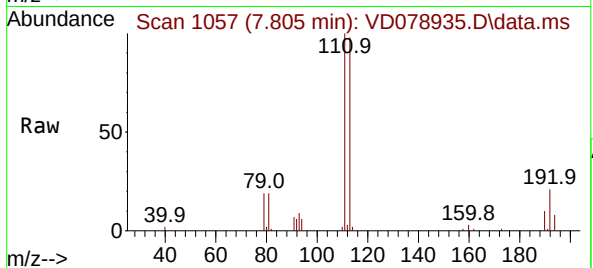
Tgt Ion:113 Resp: 66068

Ion Ratio Lower Upper

113 100

111 97.9 84.0 126.0

192 17.6 15.4 23.0



#50

Toluene-d8

Concen: 52.781 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078935.D

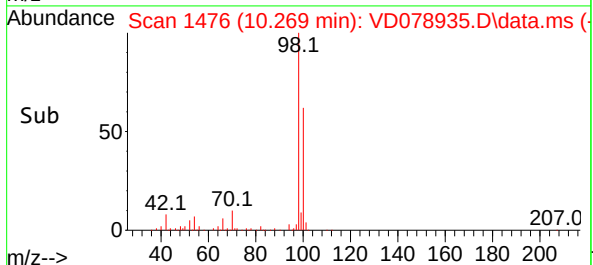
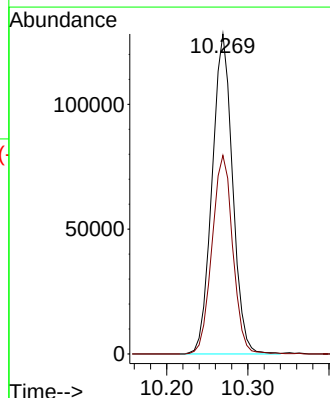
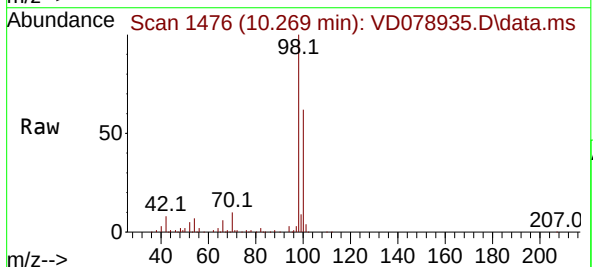
Acq: 15 May 2024 17:38

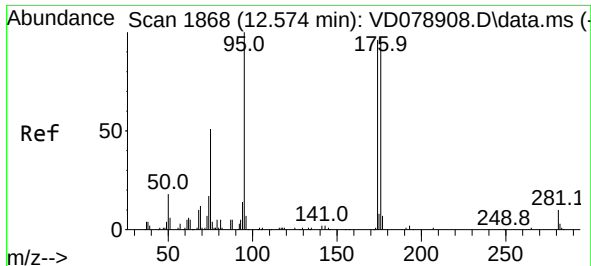
Tgt Ion: 98 Resp: 224744

Ion Ratio Lower Upper

98 100

100 62.9 51.6 77.4

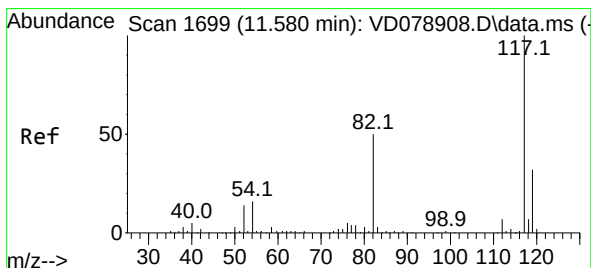
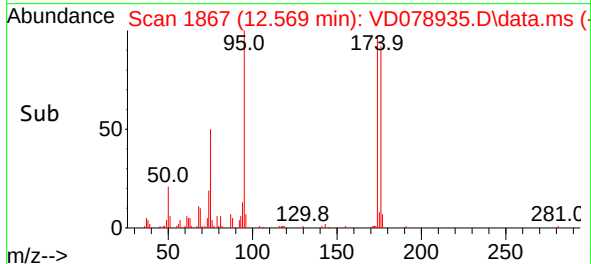
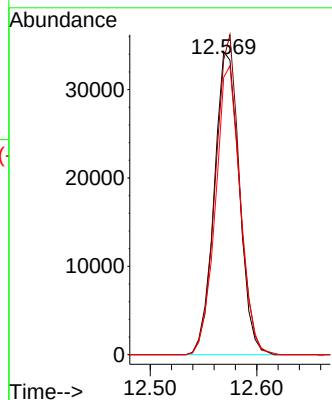
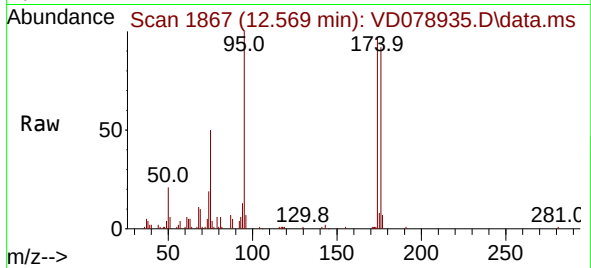




#62
4-Bromofluorobenzene
Concen: 46.747 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

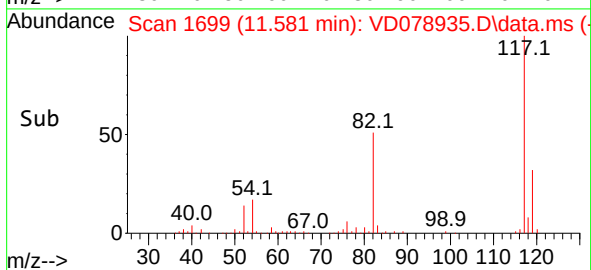
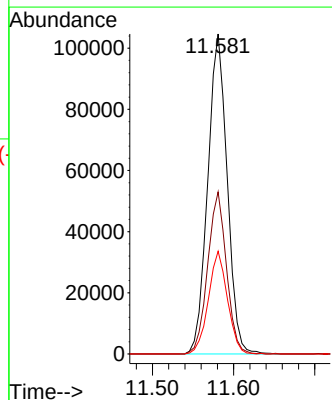
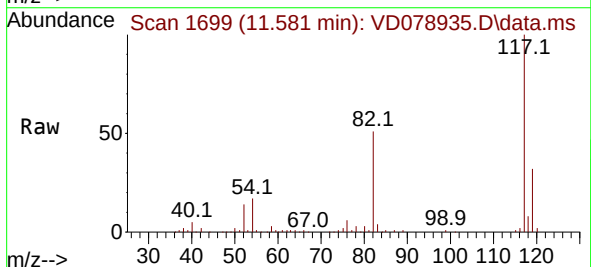
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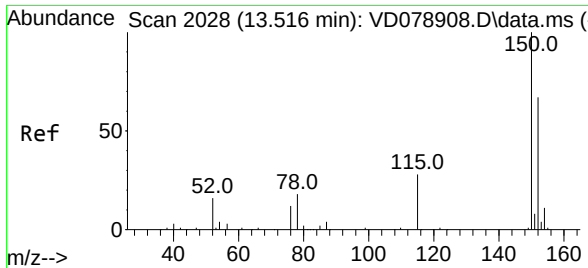
Tgt Ion: 95 Resp: 55919
Ion Ratio Lower Upper
95 100
174 101.8 0.0 195.4
176 94.2 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

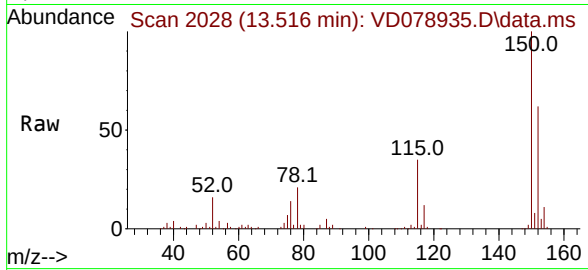
Tgt Ion: 117 Resp: 174055
Ion Ratio Lower Upper
117 100
82 50.6 39.8 59.6
119 32.1 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078935.D
 Acq: 15 May 2024 17:38

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978



Tgt Ion:	152	Resp:	72219
Ion	Ratio	Lower	Upper
152	100		
115	55.6	26.5	79.5
150	161.4	0.0	341.6

