

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078944.D
 Acq On : 16 May 2024 13:39
 Operator : RP/MD
 Sample : P2490-01
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978

Quant Time: May 17 06:29:34 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)

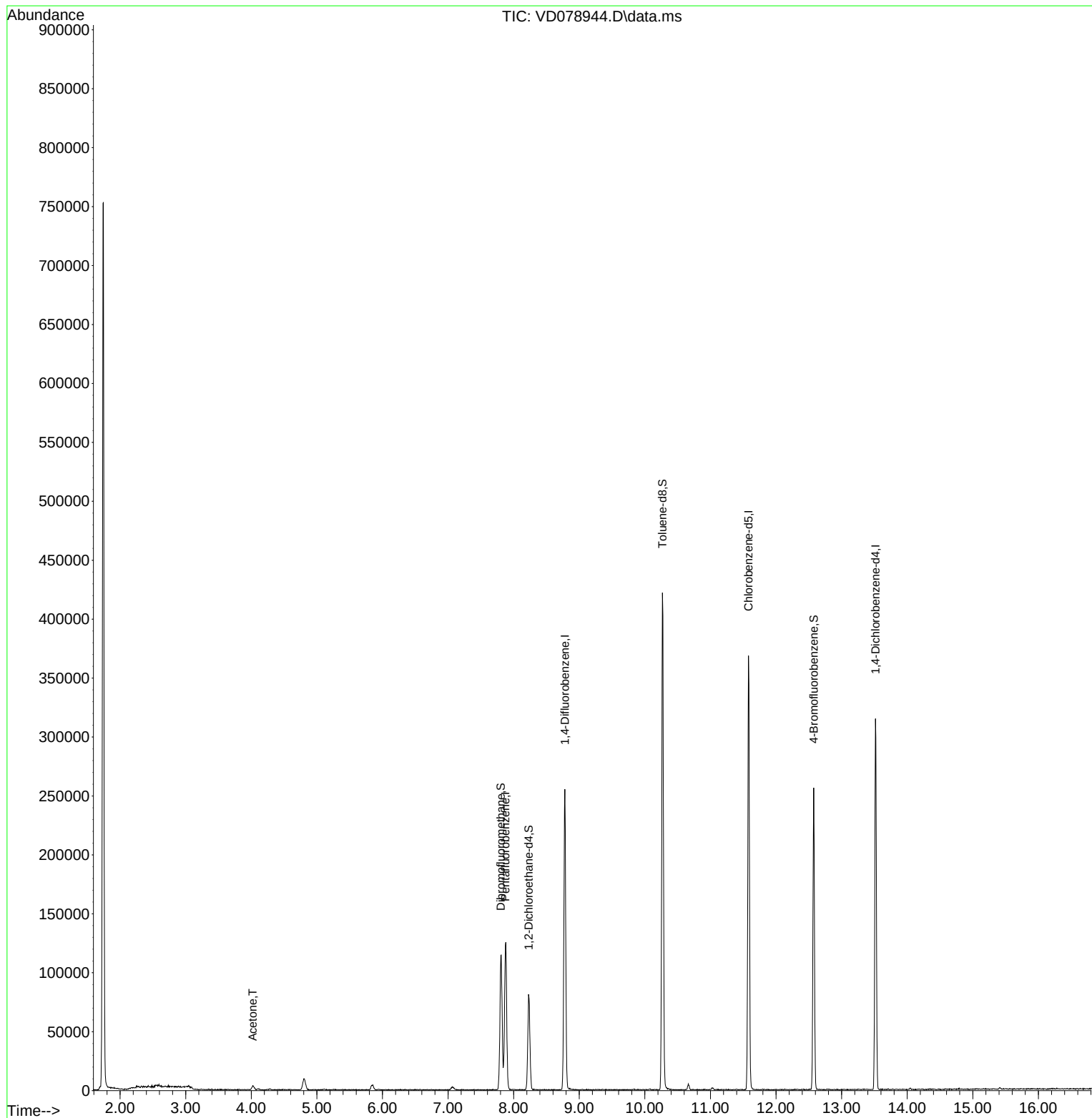
Internal Standards						
1) Pentafluorobenzene	7.875	168	100465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	236710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63475	67.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.720%	
35) Dibromofluoromethane	7.804	113	82789	52.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.269	98	299986	50.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.575	95	75174	45.301	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.600%	
Target Compounds						
16) Acetone	4.022	43	5451	36.278	ug/l	Qvalue 99

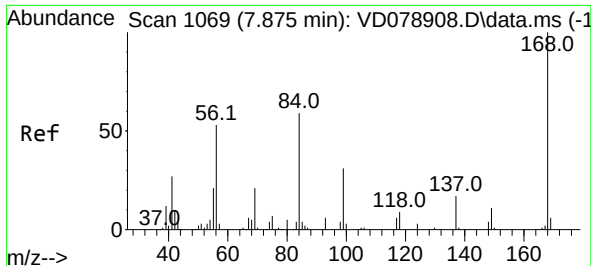
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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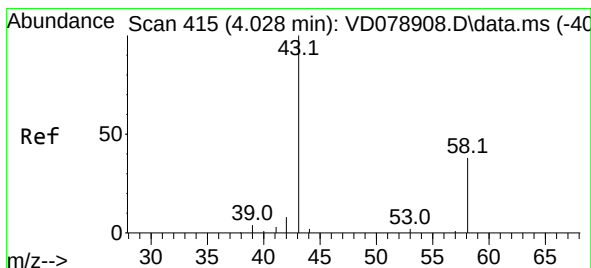
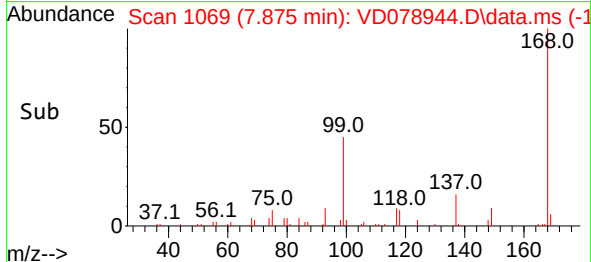
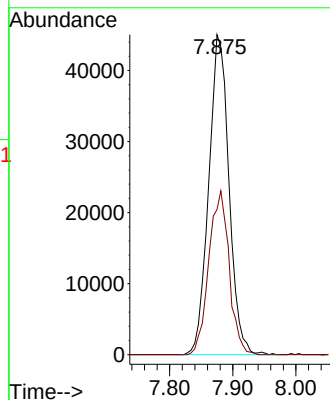
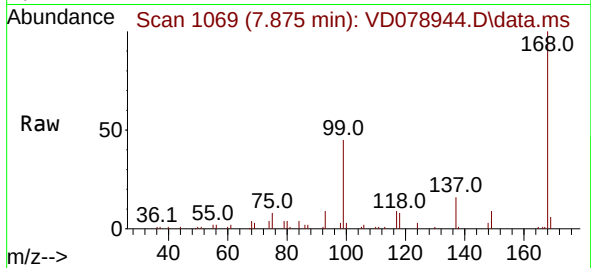




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

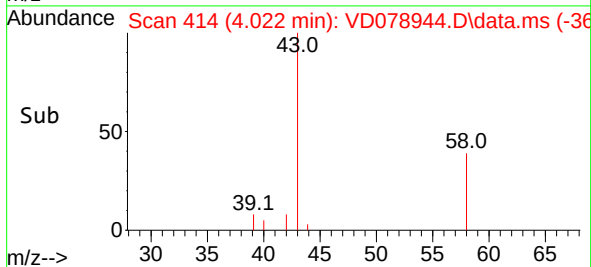
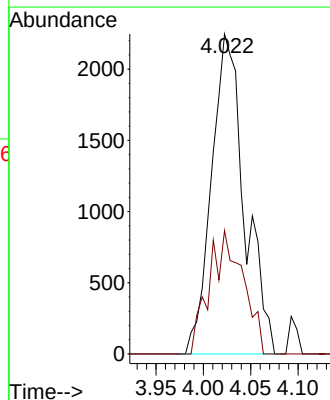
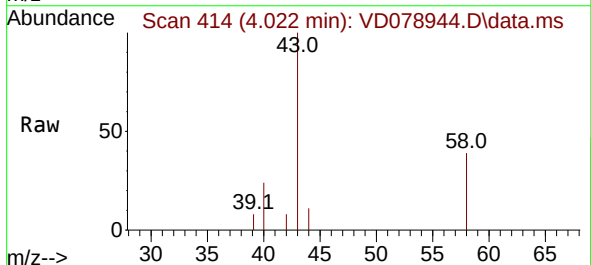
Instrument :
MSVOA_D
ClientSampleId :
72-11978

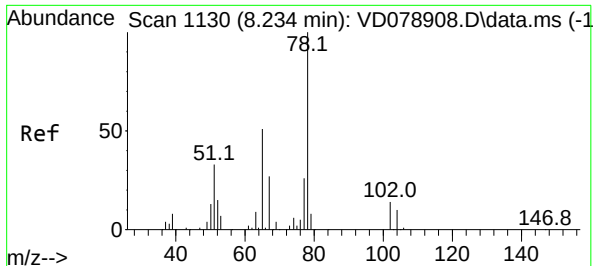
Tgt Ion:168 Resp: 100465
Ion Ratio Lower Upper
168 100
99 45.4 41.1 61.7



#16
Acetone
Concen: 36.278 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

Tgt Ion: 43 Resp: 5451
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6





#33

1,2-Dichloroethane-d4

Concen: 67.357 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078944.D

Acq: 16 May 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

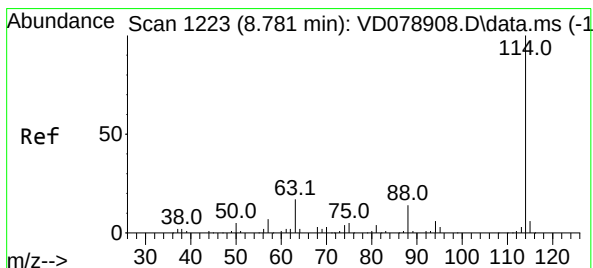
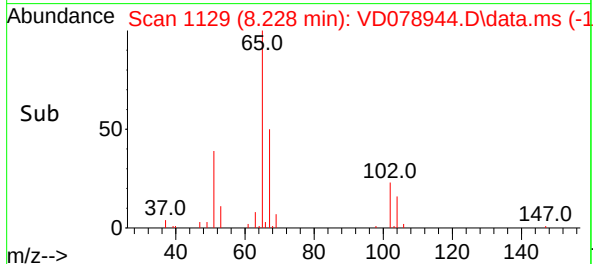
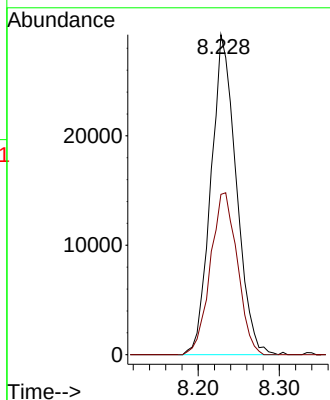
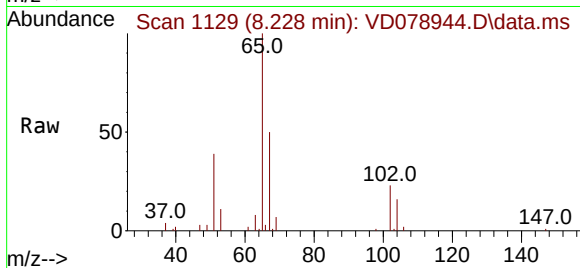
72-11978

Tgt Ion: 65 Resp: 63475

Ion Ratio Lower Upper

65 100

67 53.7 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078944.D

Acq: 16 May 2024 13:39

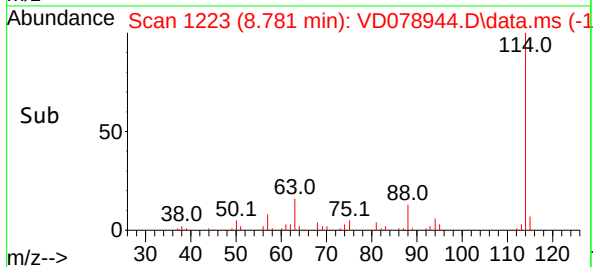
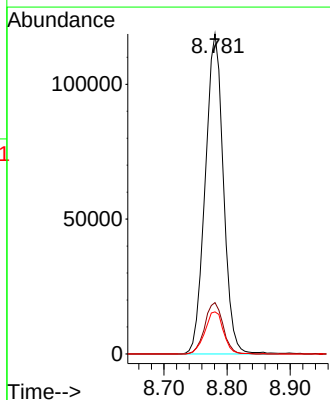
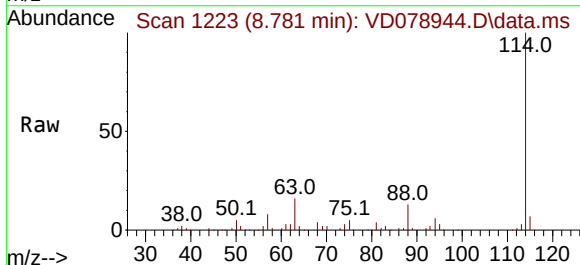
Tgt Ion: 114 Resp: 236710

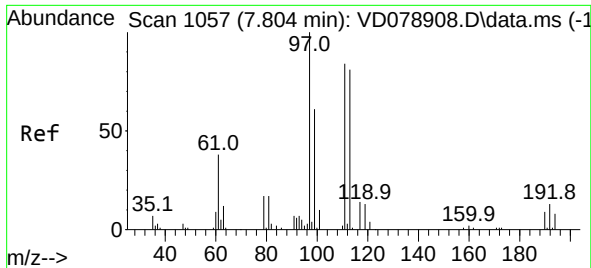
Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.0

88 13.2 0.0 27.2

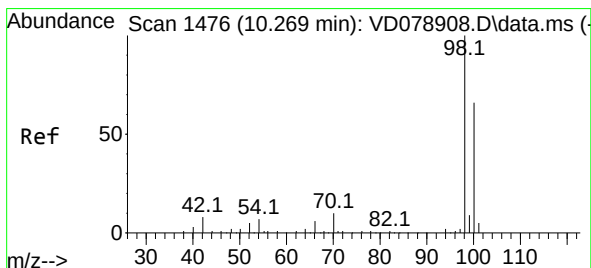
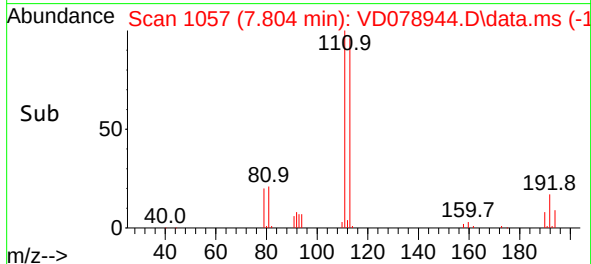
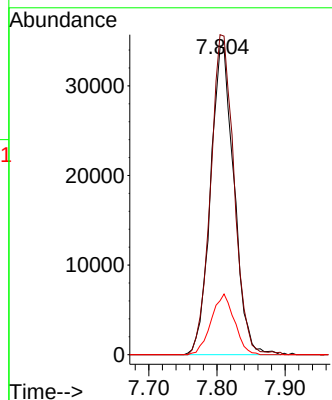
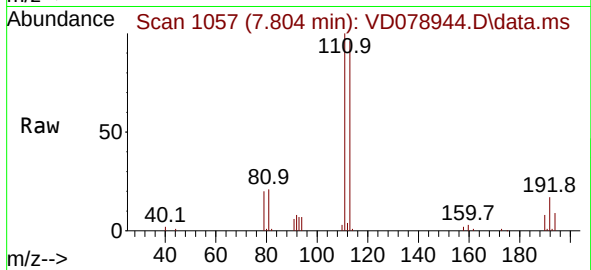




#35
Dibromofluoromethane
Concen: 52.541 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

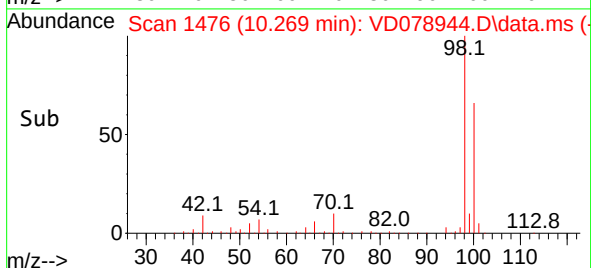
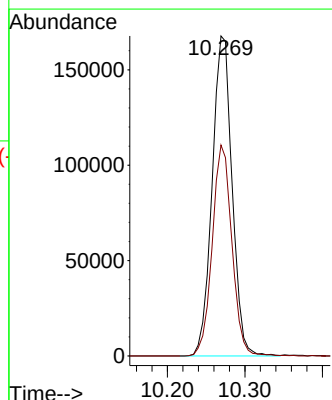
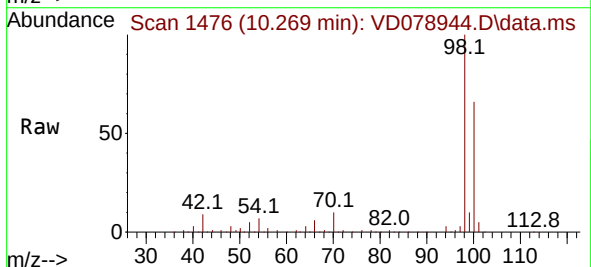
Instrument :
MSVOA_D
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72-11978

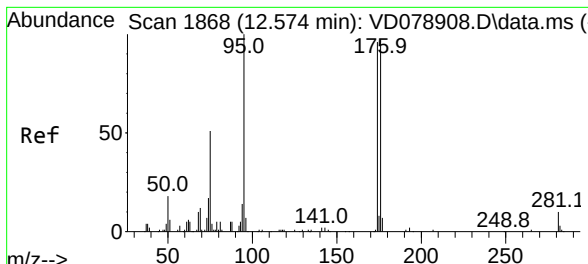
Tgt Ion:113 Resp: 82789
Ion Ratio Lower Upper
113 100
111 103.3 84.0 126.0
192 19.4 15.4 23.0



#50
Toluene-d8
Concen: 50.784 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

Tgt Ion: 98 Resp: 299986
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4

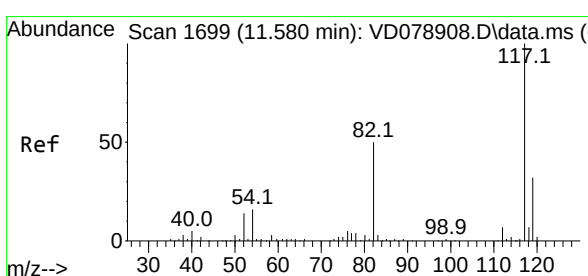
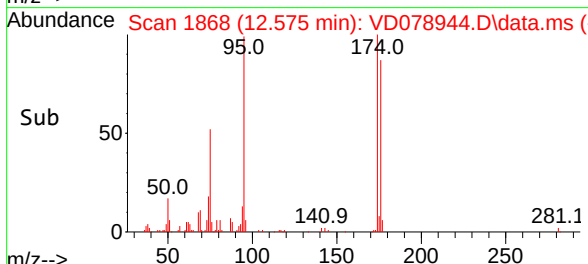
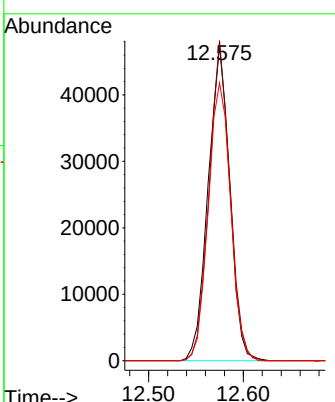
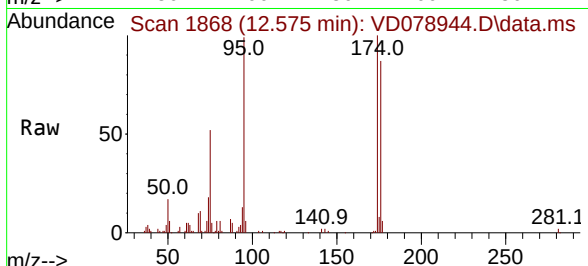




#62
 4-Bromofluorobenzene
 Concen: 45.301 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD078944.D
 Acq: 16 May 2024 13:39

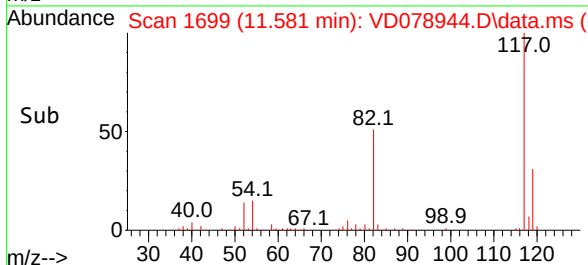
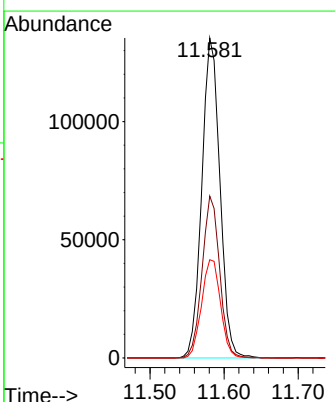
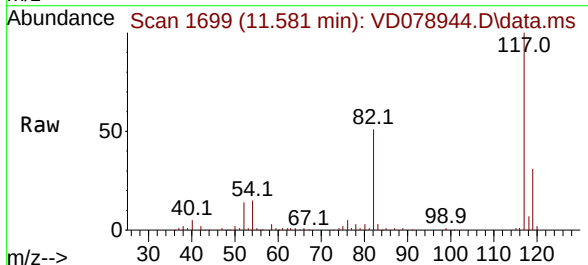
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 MSVOA_D
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 72-11978

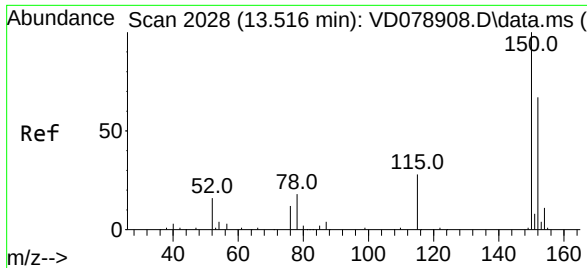
Tgt Ion:	95	Resp:	75174
Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	195.4
176	91.1	0.0	192.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078944.D
 Acq: 16 May 2024 13:39

Tgt Ion:	117	Resp:	229707
Ion	Ratio	Lower	Upper
117	100		
82	50.6	39.8	59.6
119	30.7	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: VD078944.D
 Acq: 16 May 2024 13:39

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978

Tgt Ion:152 Resp: 90827
 Ion Ratio Lower Upper
 152 100
 115 54.3 26.5 79.5
 150 158.8 0.0 341.6

