

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078986.D
 Acq On : 22 May 2024 18:20
 Operator : RP/MD
 Sample : P2518-07
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-MH-LL

Quant Time: May 23 06:07:09 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)

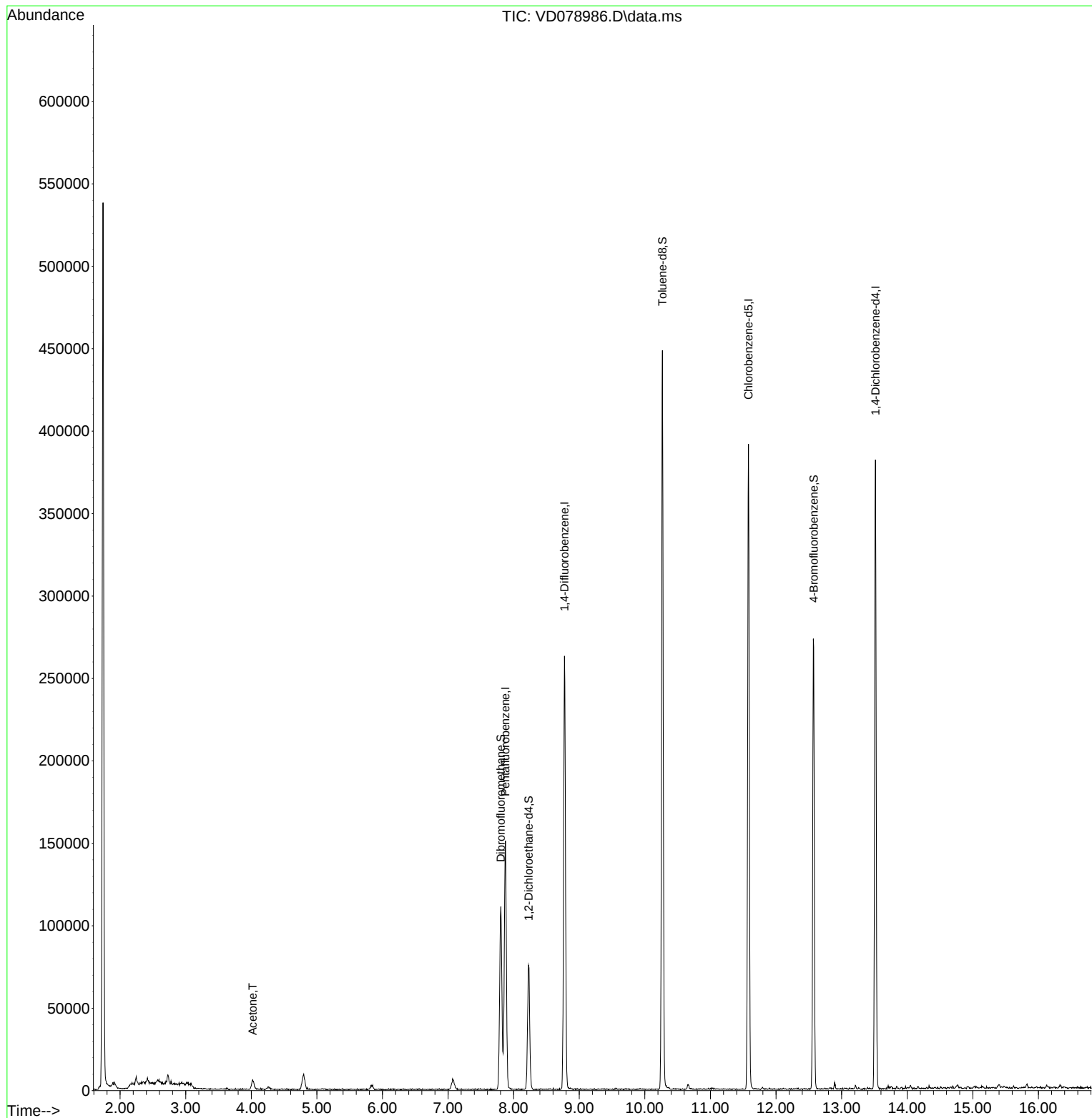
Internal Standards						
1) Pentafluorobenzene	7.875	168	115355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	245300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	241597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60046	55.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.980%	
35) Dibromofluoromethane	7.805	113	82193	50.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.680%	
50) Toluene-d8	10.269	98	313617	51.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.575	95	82486	47.966	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.940%	
Target Compounds						
16) Acetone	4.022	43	9643	55.893	ug/l	Qvalue 98

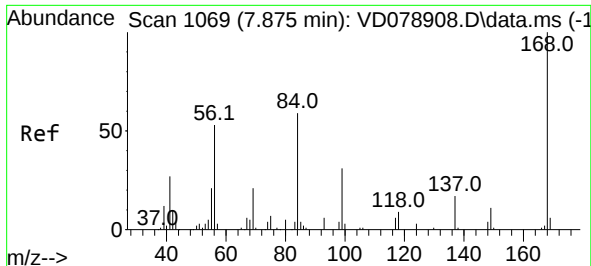
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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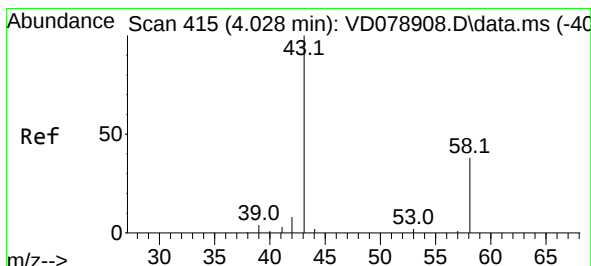
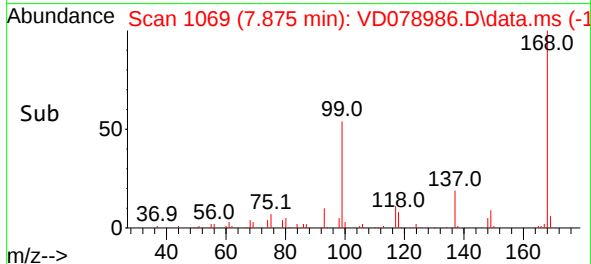
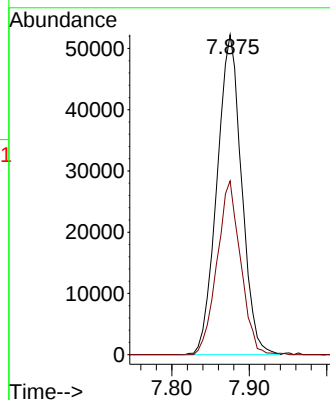
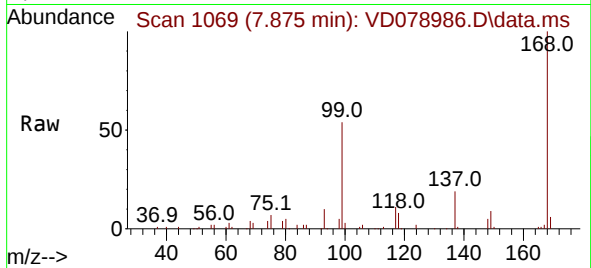




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

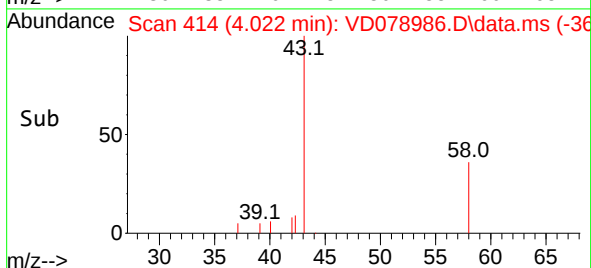
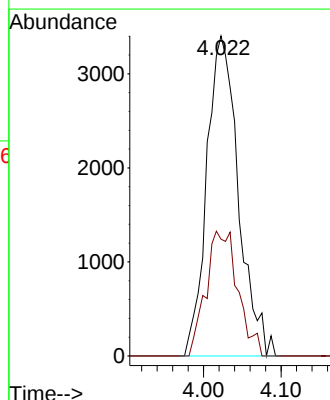
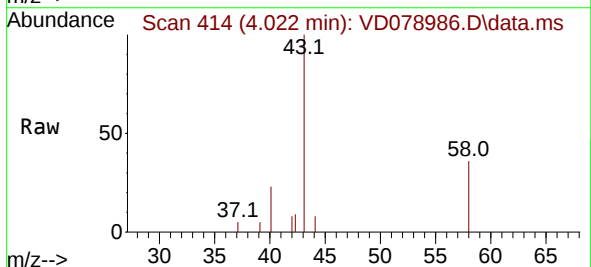
Instrument :
MSVOA_D
ClientSampleId :
VOC-MH-LL

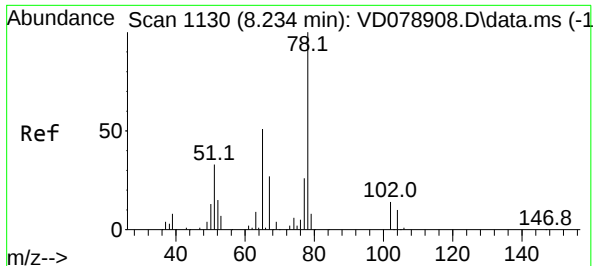
Tgt Ion:168 Resp: 115355
Ion Ratio Lower Upper
168 100
99 54.3 41.1 61.7



#16
Acetone
Concen: 55.893 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

Tgt Ion: 43 Resp: 9643
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6





#33

1,2-Dichloroethane-d4

Concen: 55.494 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078986.D

Acq: 22 May 2024 18:20

Instrument :

MSVOA_D

ClientSampleId :

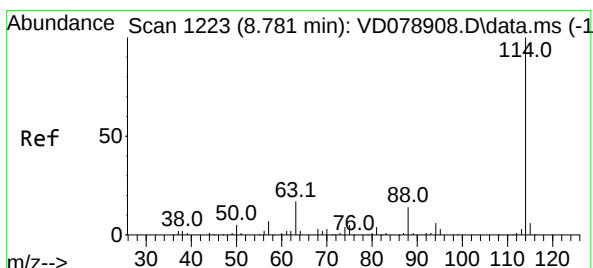
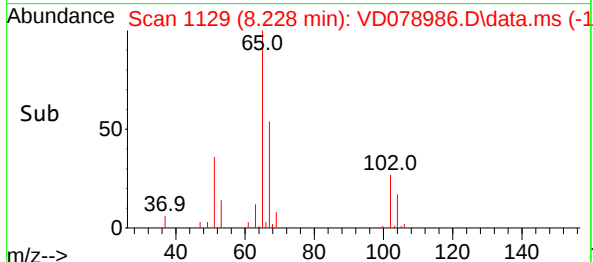
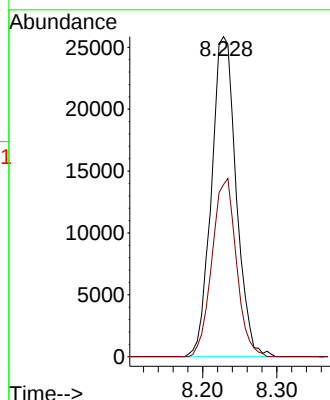
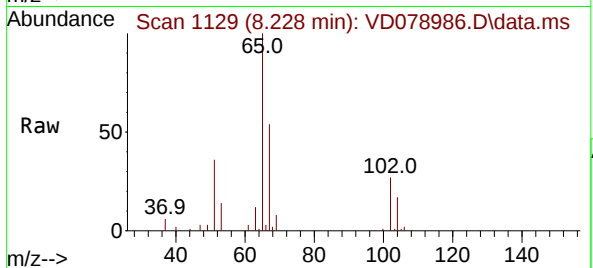
VOC-MH-LL

Tgt Ion: 65 Resp: 60046

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078986.D

Acq: 22 May 2024 18:20

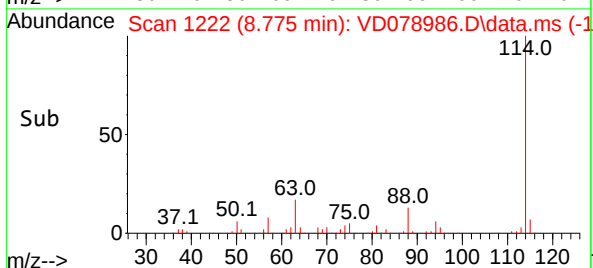
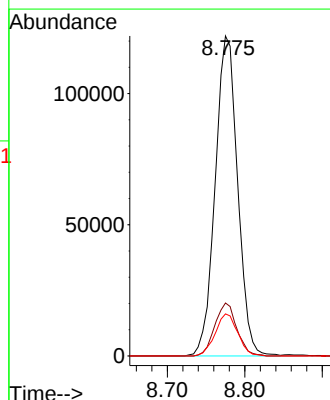
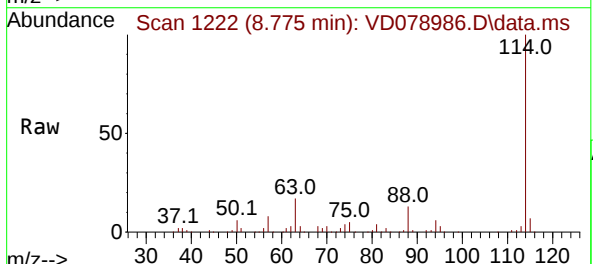
Tgt Ion: 114 Resp: 245300

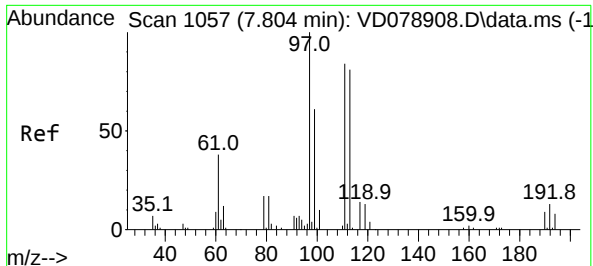
Ion Ratio Lower Upper

114 100

63 16.5 0.0 34.0

88 13.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.336 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078986.D

Acq: 22 May 2024 18:20

Instrument :

MSVOA_D

ClientSampleId :

VOC-MH-LL

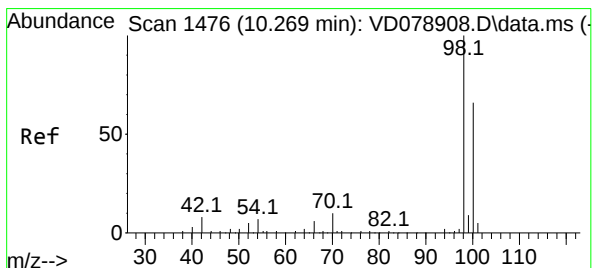
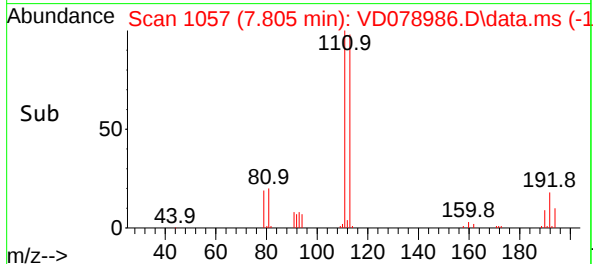
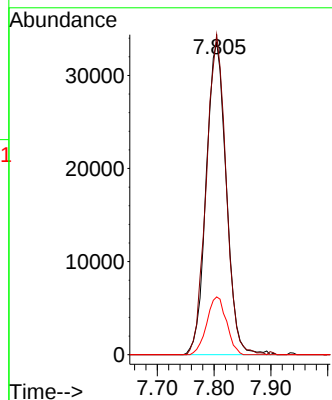
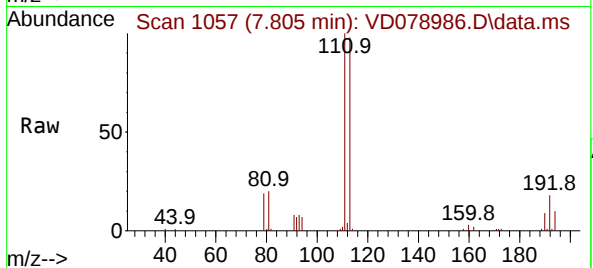
Tgt Ion:113 Resp: 82193

Ion Ratio Lower Upper

113 100

111 101.0 84.0 126.0

192 18.1 15.4 23.0



#50

Toluene-d8

Concen: 51.233 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078986.D

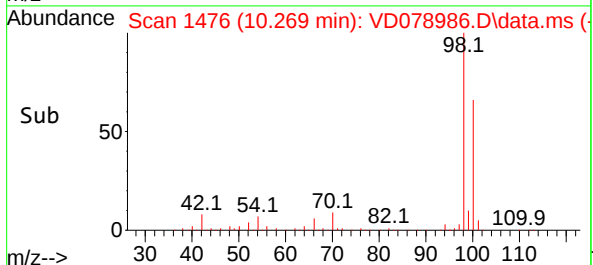
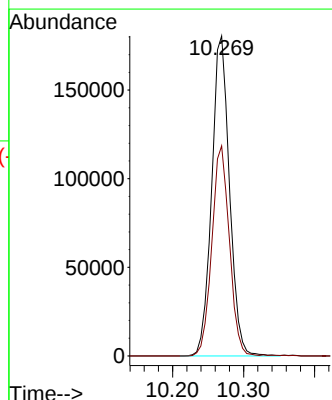
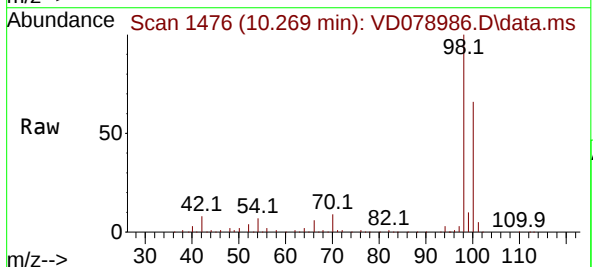
Acq: 22 May 2024 18:20

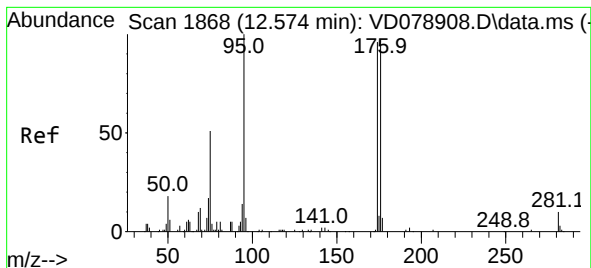
Tgt Ion: 98 Resp: 313617

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4

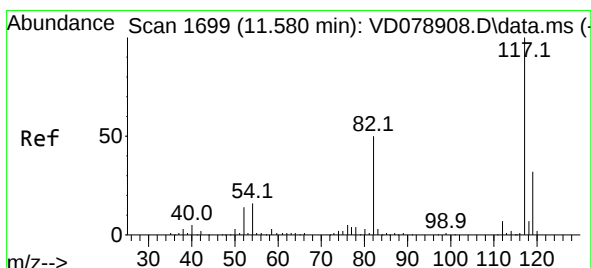
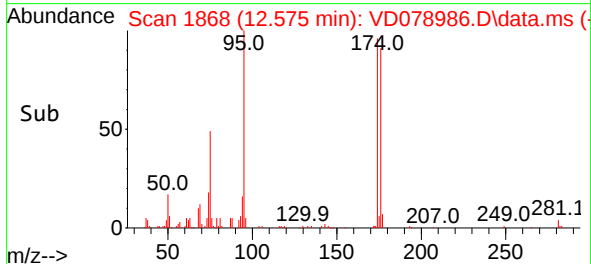
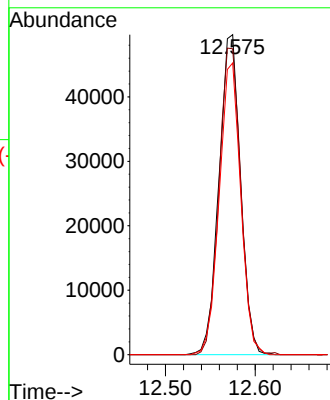
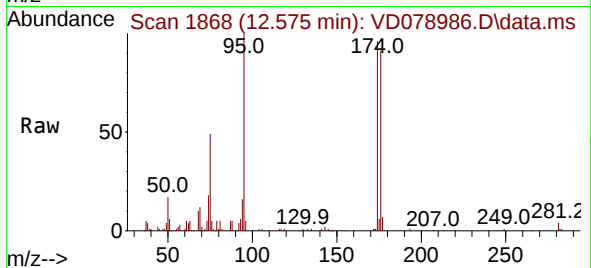




#62
4-Bromofluorobenzene
Concen: 47.966 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

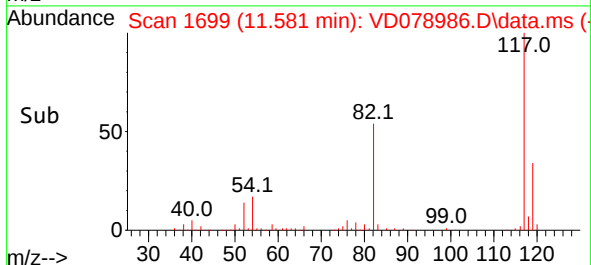
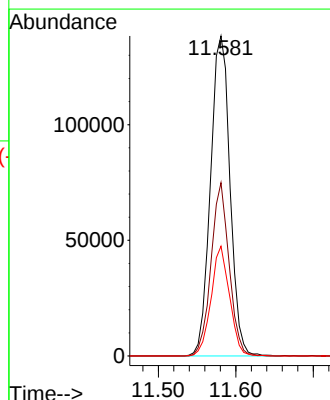
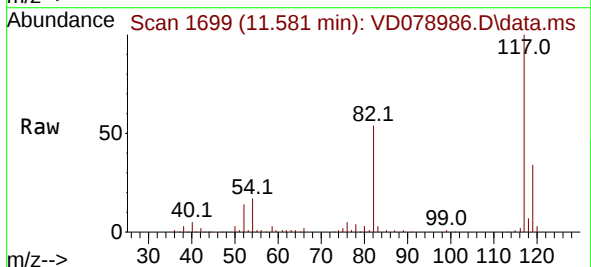
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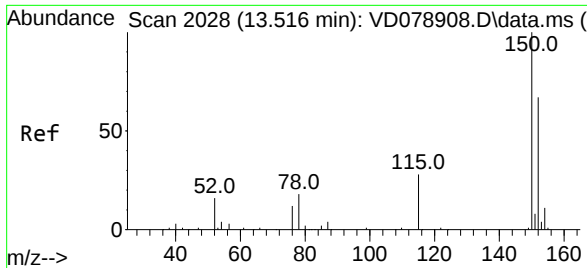
Tgt Ion: 95 Resp: 82486
Ion Ratio Lower Upper
95 100
174 97.9 0.0 195.4
176 91.2 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

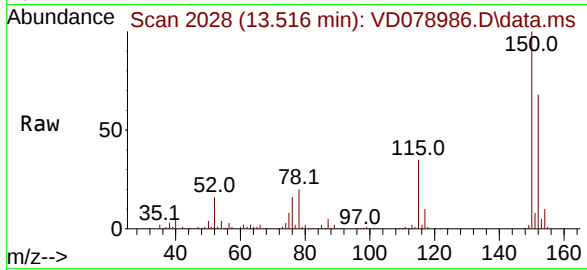
Tgt Ion: 117 Resp: 241597
Ion Ratio Lower Upper
117 100
82 54.2 39.8 59.6
119 34.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078986.D
 Acq: 22 May 2024 18:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-MH-LL



Tgt Ion:	152	Resp:	110353
Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.5	79.5
150	155.3	0.0	341.6

