

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078982.D
 Acq On : 22 May 2024 16:27
 Operator : RP/MD
 Sample : P2512-07
 Misc : 5.42G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WCS-TPI-VOC

Quant Time: May 23 06:05:49 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)

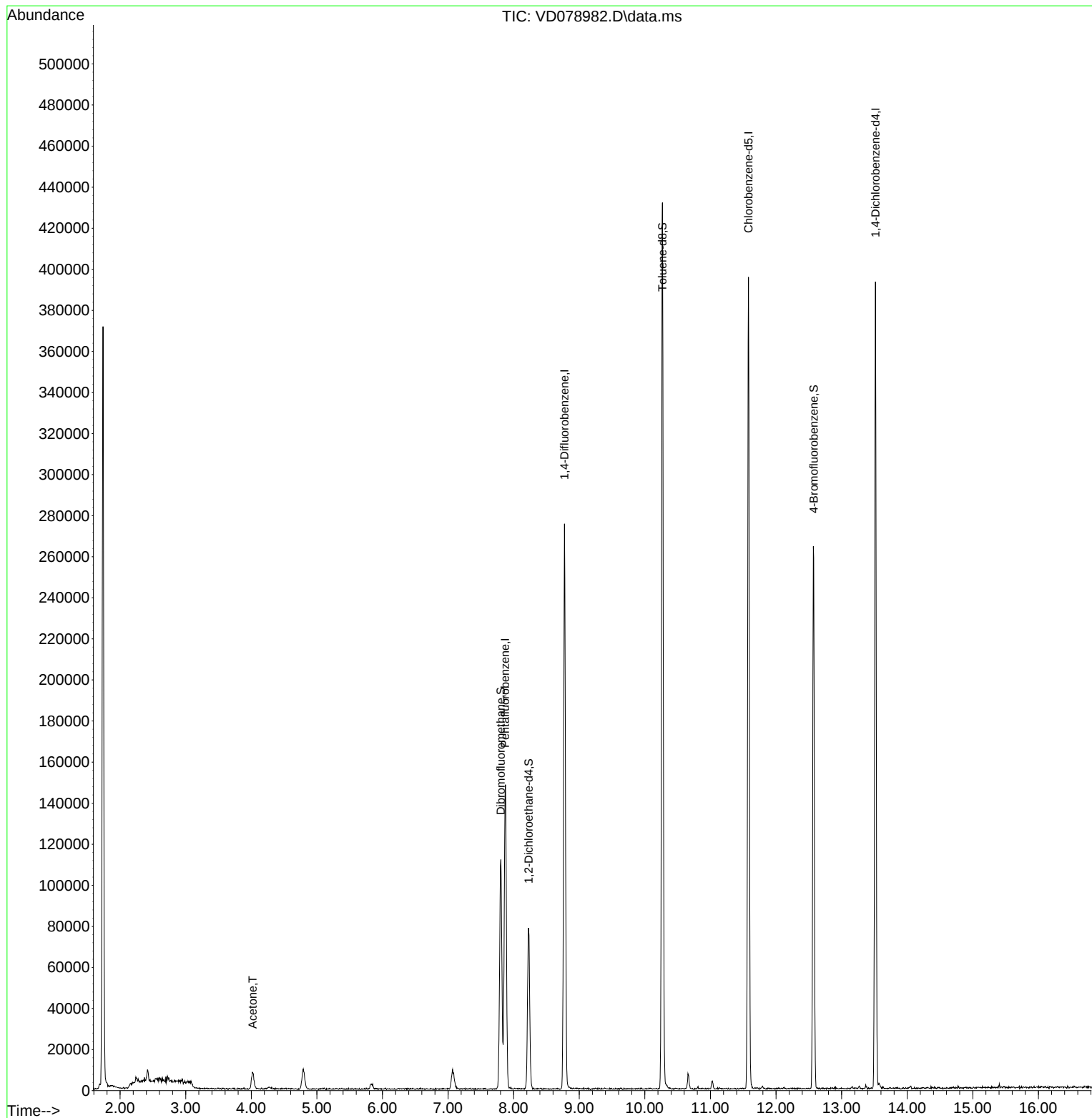
Internal Standards						
1) Pentafluorobenzene	7.869	168	121706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	250939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	241308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62684	54.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.820%	
35) Dibromofluoromethane	7.805	113	81050	48.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.040%	
50) Toluene-d8	10.269	98	311722	49.779	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.575	95	80583	45.807	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.620%	
Target Compounds						
16) Acetone	4.022	43	14032	77.089	ug/l	Qvalue # 86

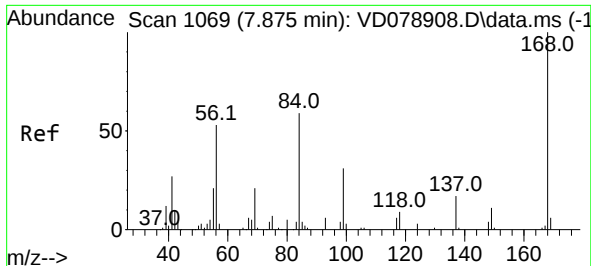
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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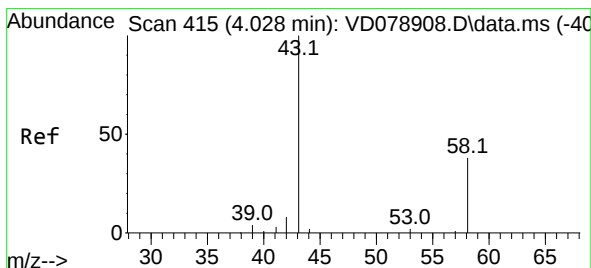
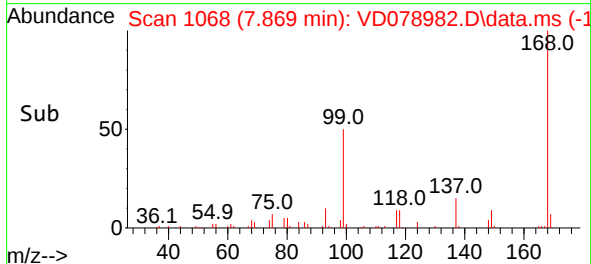
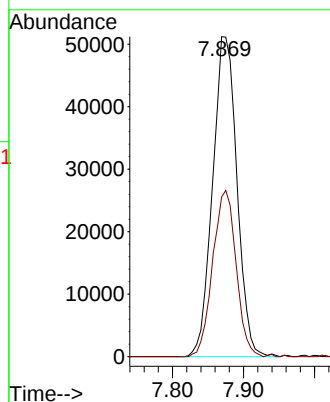
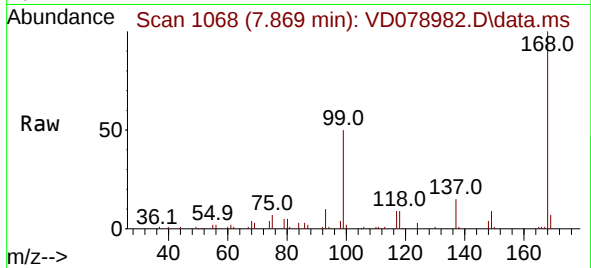




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078982.D
Acq: 22 May 2024 16:27

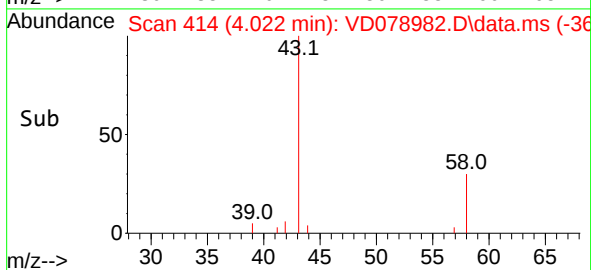
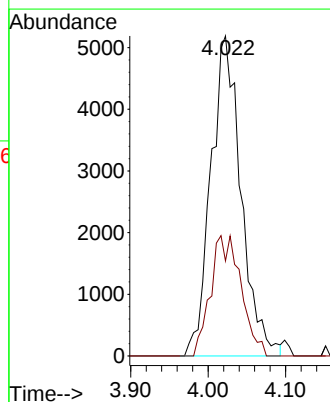
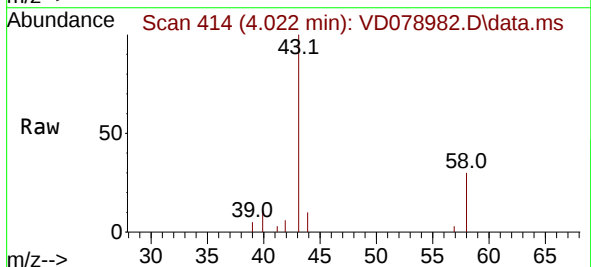
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPI-VOC

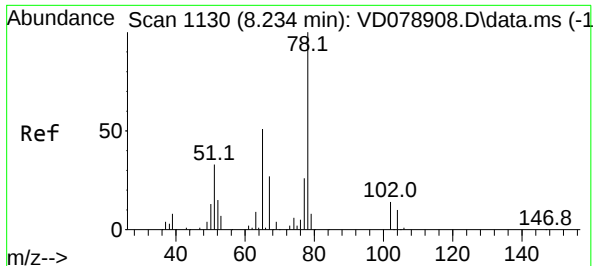
Tgt Ion:168 Resp: 121706
Ion Ratio Lower Upper
168 100
99 49.9 41.1 61.7



#16
Acetone
Concen: 77.089 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078982.D
Acq: 22 May 2024 16:27

Tgt Ion: 43 Resp: 14032
Ion Ratio Lower Upper
43 100
58 29.7 30.4 45.6#





#33

1,2-Dichloroethane-d4

Concen: 54.909 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078982.D

Acq: 22 May 2024 16:27

Instrument :

MSVOA_D

ClientSampleId :

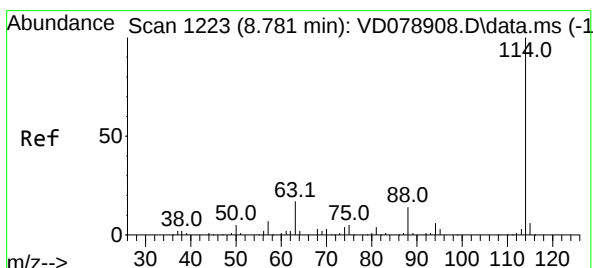
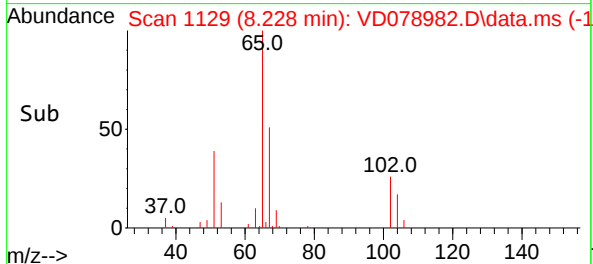
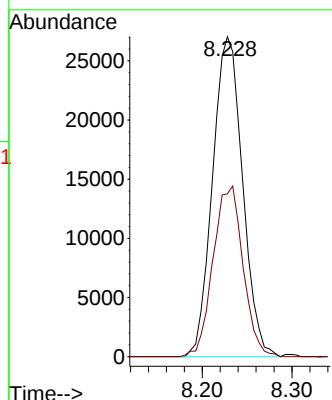
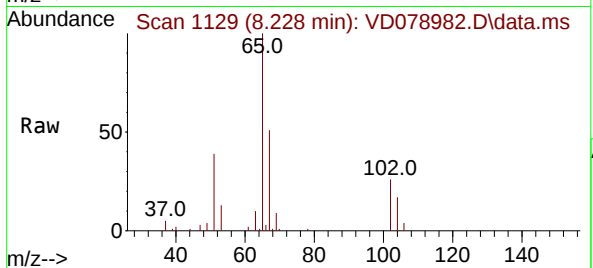
WCS-TPI-VOC

Tgt Ion: 65 Resp: 62684

Ion Ratio Lower Upper

65 100

67 53.2 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: VD078982.D

Acq: 22 May 2024 16:27

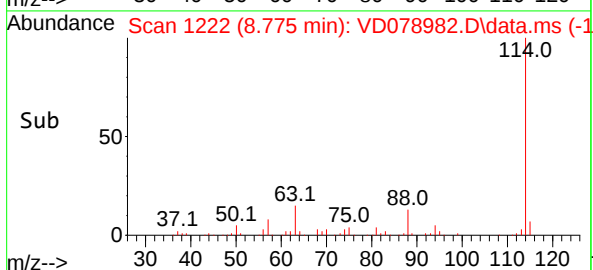
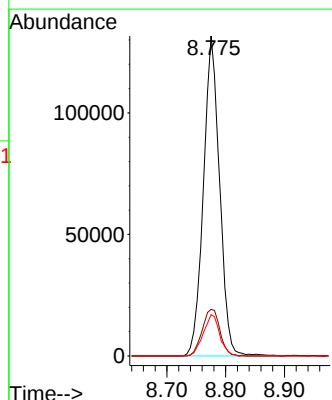
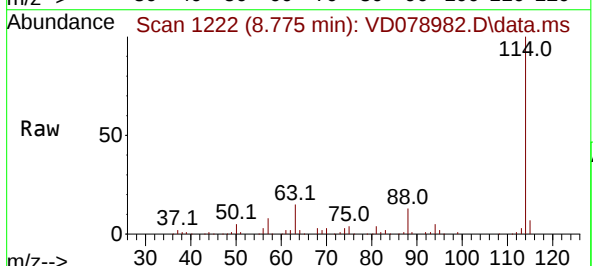
Tgt Ion: 114 Resp: 250939

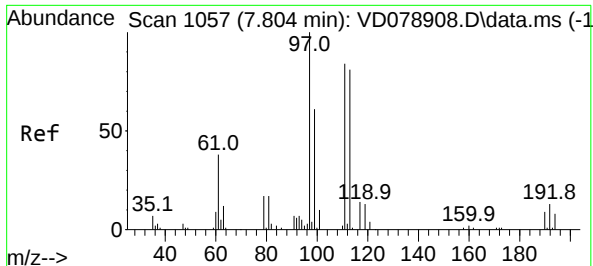
Ion Ratio Lower Upper

114 100

63 14.6 0.0 34.0

88 12.9 0.0 27.2

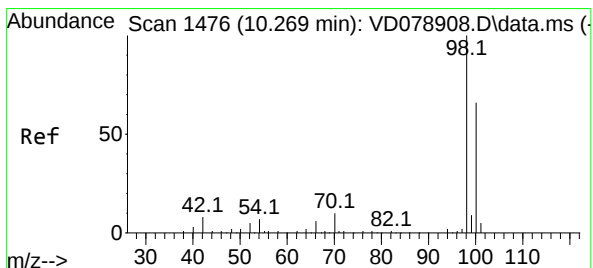
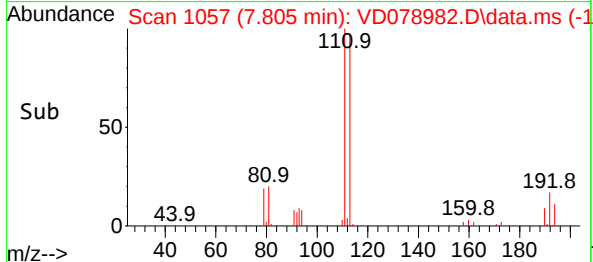
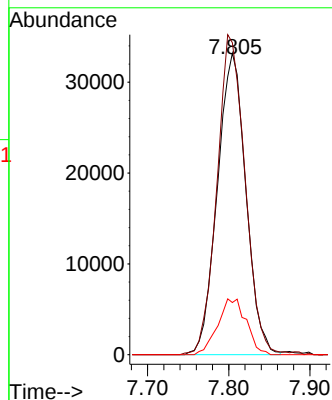
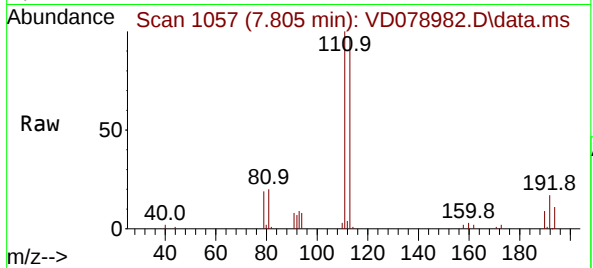




#35
Dibromofluoromethane
Concen: 48.521 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078982.D
Acq: 22 May 2024 16:27

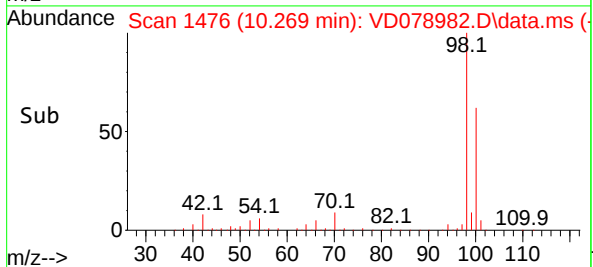
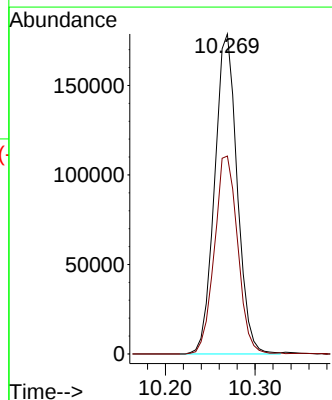
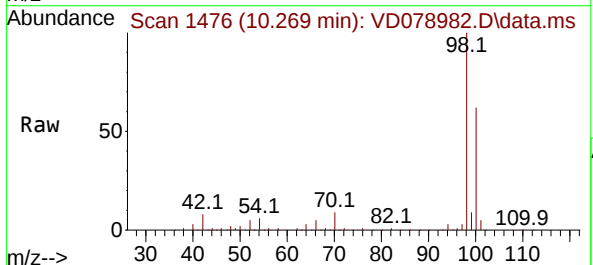
Instrument :
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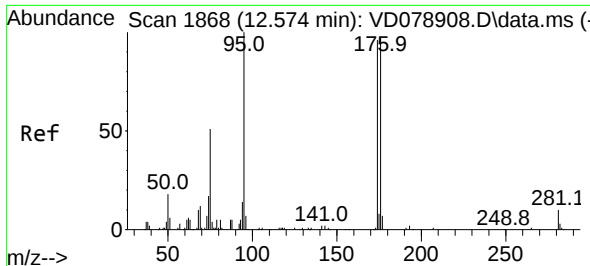
Tgt Ion:113 Resp: 81050
Ion Ratio Lower Upper
113 100
111 104.8 84.0 126.0
192 18.5 15.4 23.0



#50
Toluene-d8
Concen: 49.779 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078982.D
Acq: 22 May 2024 16:27

Tgt Ion: 98 Resp: 311722
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

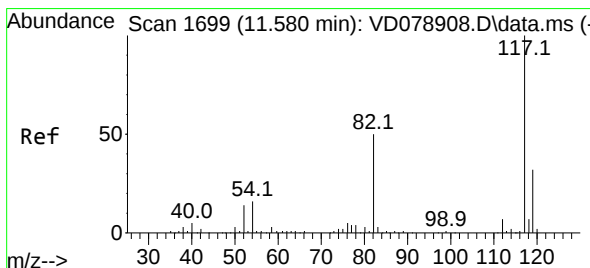
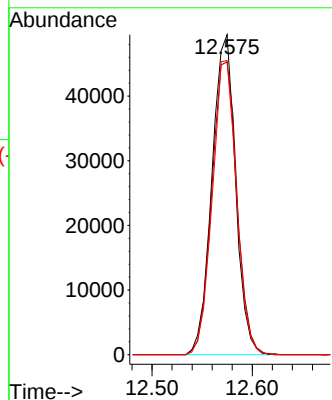
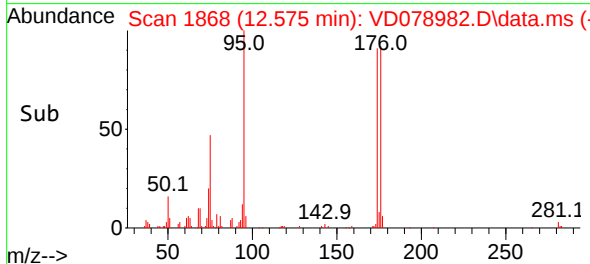
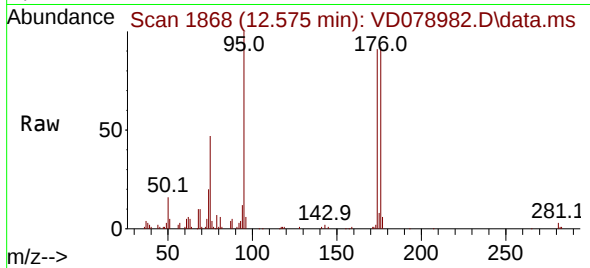




#62
4-Bromofluorobenzene
Concen: 45.807 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078982.D
Acq: 22 May 2024 16:27

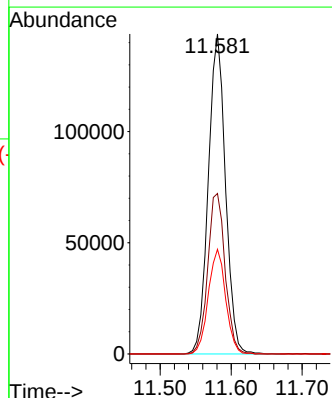
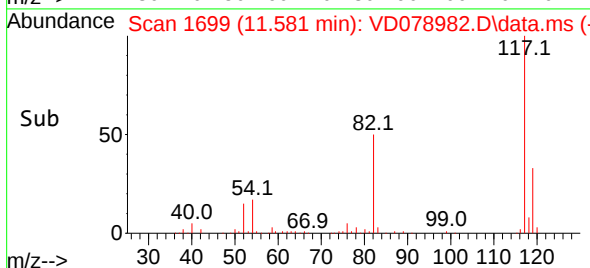
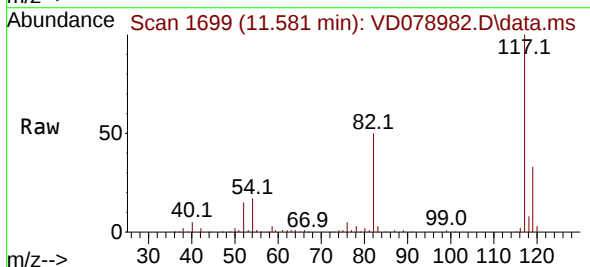
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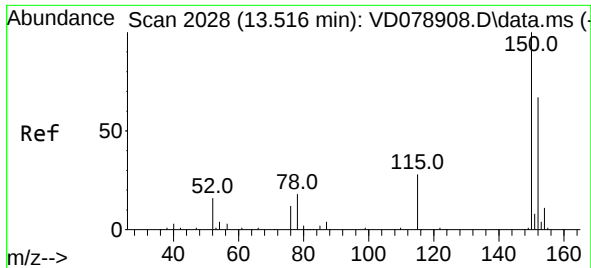
Tgt Ion: 95 Resp: 80583
Ion Ratio Lower Upper
95 100
174 98.0 0.0 195.4
176 94.1 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078982.D
Acq: 22 May 2024 16:27

Tgt Ion: 117 Resp: 241308
Ion Ratio Lower Upper
117 100
82 50.1 39.8 59.6
119 32.7 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: VD078982.D

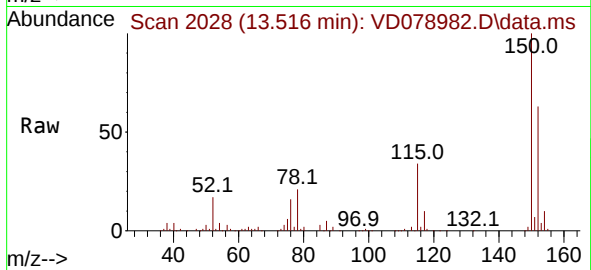
Acq: 22 May 2024 16:27

Instrument :

MSVOA_D

ClientSampleId :

WCS-TPI-VOC



Tgt Ion:152 Resp: 106317

Ion Ratio Lower Upper

152 100

115 54.8 26.5 79.5

150 159.9 0.0 341.6

