

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074065.D
 Acq On : 12 Aug 2022 16:19
 Operator : VA/SY
 Sample : N4121-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Aug 12 23:48:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

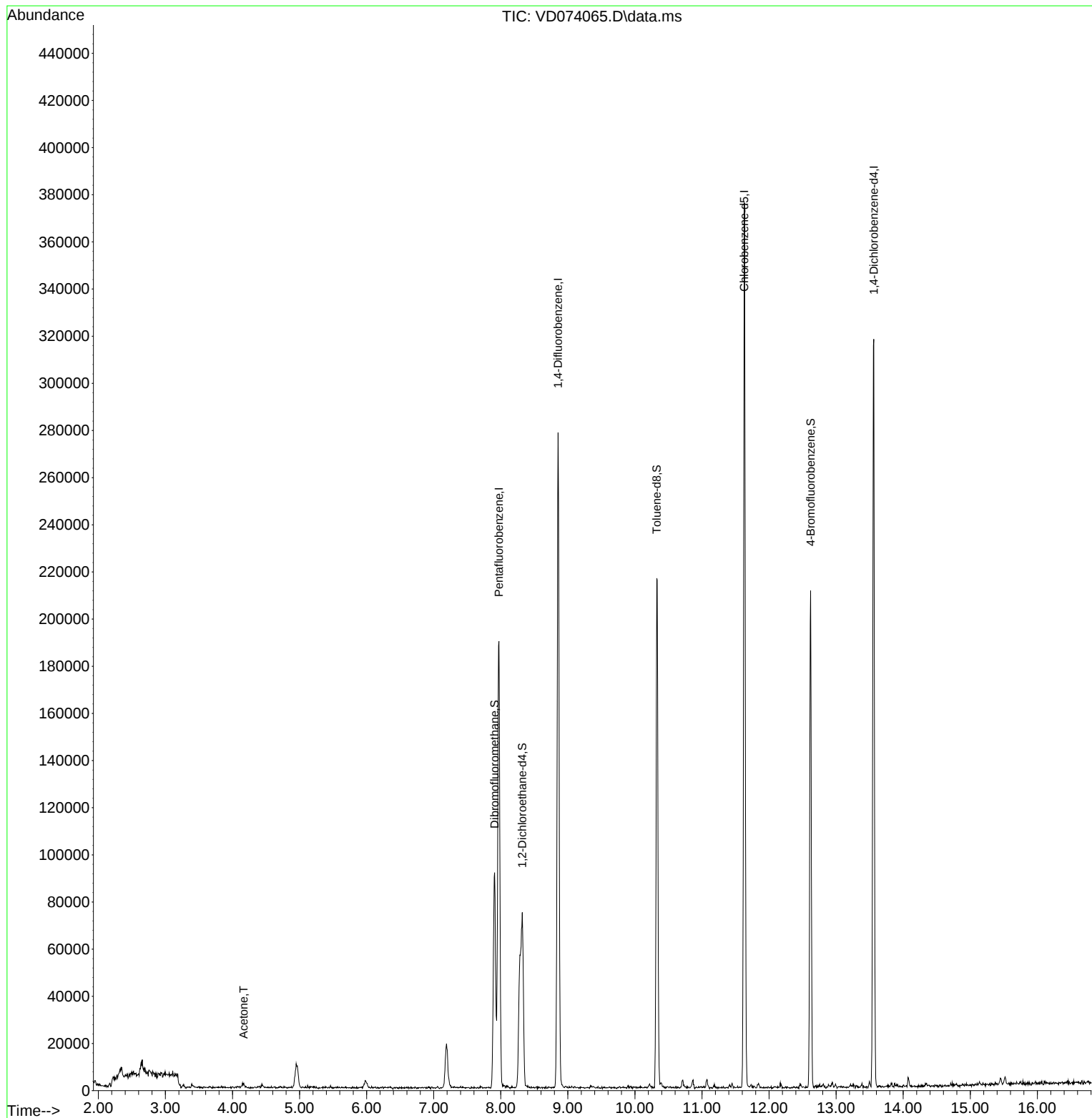
Internal Standards							
1) Pentafluorobenzene		7.973	168	135862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.855	114	233791	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.632	117	204146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.561	152	82714	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.320	65	55089	51.662	ug/l	0.00
Spiked Amount 50.000		Range 50 - 163		Recovery = 103.320%			
35) Dibromofluoromethane		7.908	113	63324	40.780	ug/l	0.00
Spiked Amount 50.000		Range 54 - 147		Recovery = 81.560%			
50) Toluene-d8		10.326	98	147067	34.441	ug/l	0.00
Spiked Amount 50.000		Range 49 - 140		Recovery = 68.880%			
62) 4-Bromofluorobenzene		12.620	95	63798	33.410	ug/l	0.00
Spiked Amount 50.000		Range 25 - 144		Recovery = 66.820%			
Target Compounds							
16) Acetone		4.167	43	3446	15.852	ug/l	Qvalue # 65

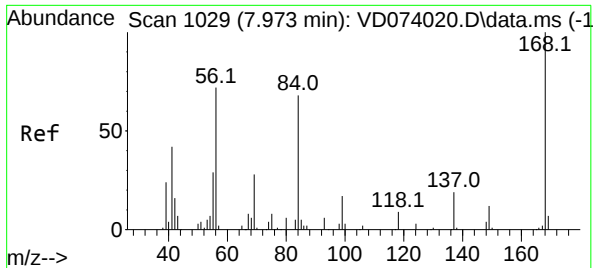
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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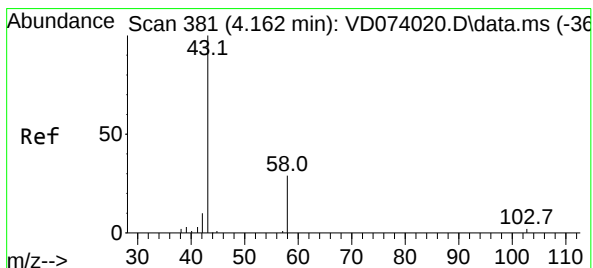
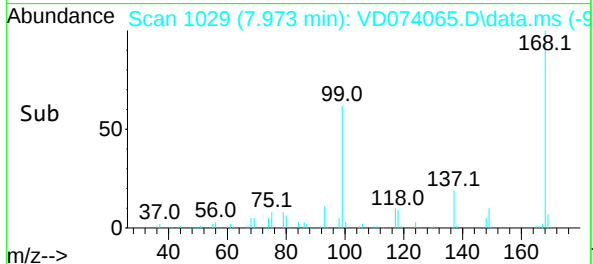
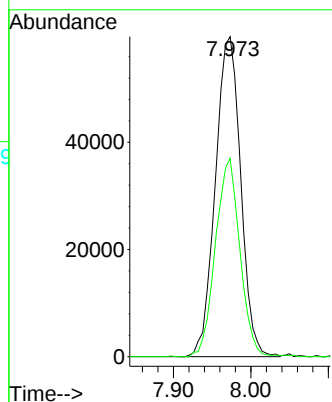
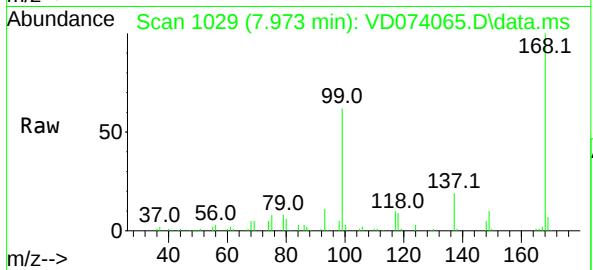




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074065.D
Acq: 12 Aug 2022 16:19

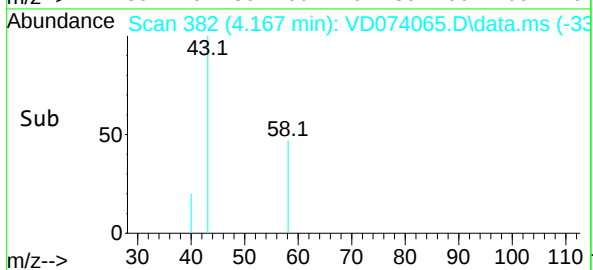
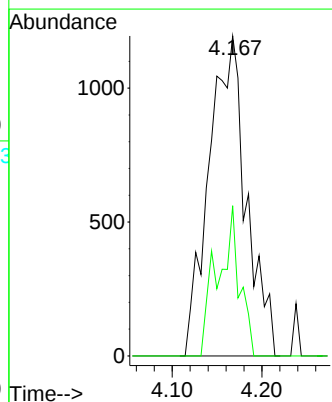
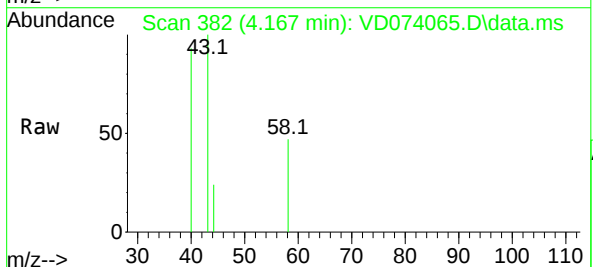
Instrument :
MSVOA_D
ClientSampleId :
VOC

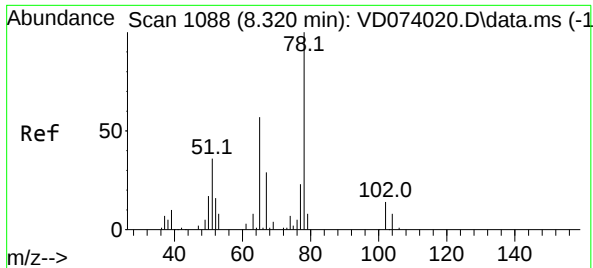
Tgt Ion:168 Resp: 135862
Ion Ratio Lower Upper
168 100
99 61.9 48.3 72.5



#16
Acetone
Concen: 15.852 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.005 min
Lab File: VD074065.D
Acq: 12 Aug 2022 16:19

Tgt Ion: 43 Resp: 3446
Ion Ratio Lower Upper
43 100
58 46.9 22.8 34.2#

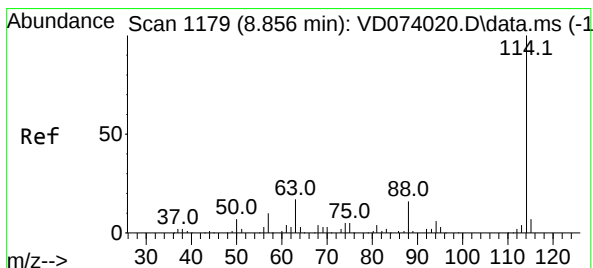
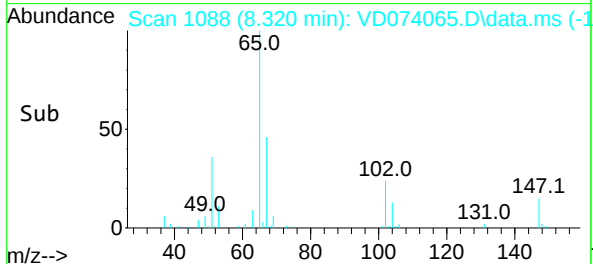
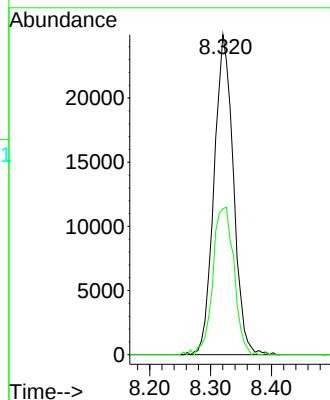
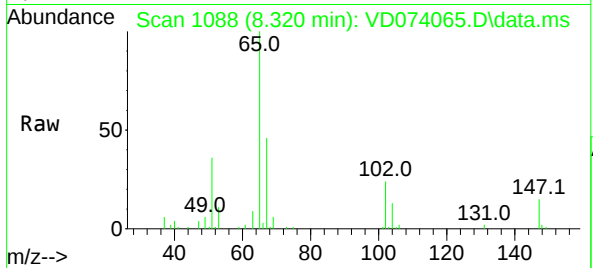




#33
 1,2-Dichloroethane-d4
 Concen: 51.662 ug/l
 RT: 8.320 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: VD074065.D
 Acq: 12 Aug 2022 16:19

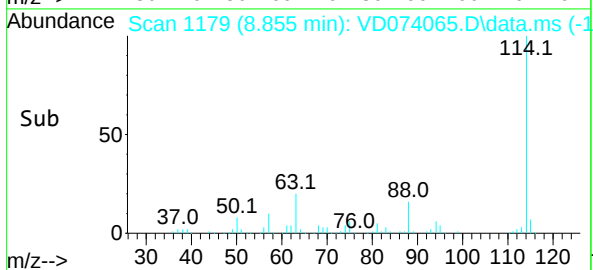
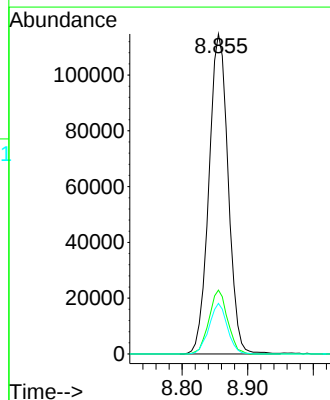
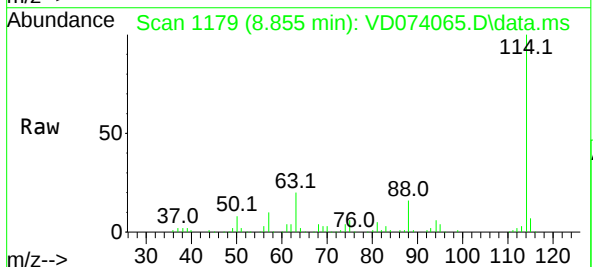
Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

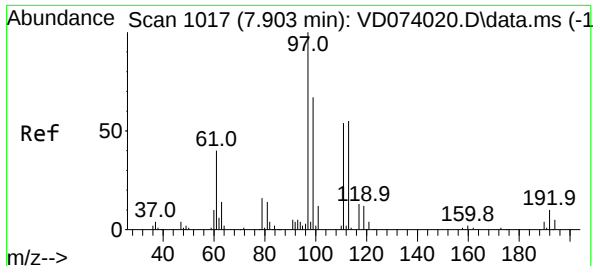
Tgt Ion: 65 Resp: 55089
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 113.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VD074065.D
 Acq: 12 Aug 2022 16:19

Tgt Ion: 114 Resp: 233791
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.0
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 40.780 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.005 min

Lab File: VD074065.D

Acq: 12 Aug 2022 16:19

Instrument :

MSVOA_D

ClientSampleId :

VOC

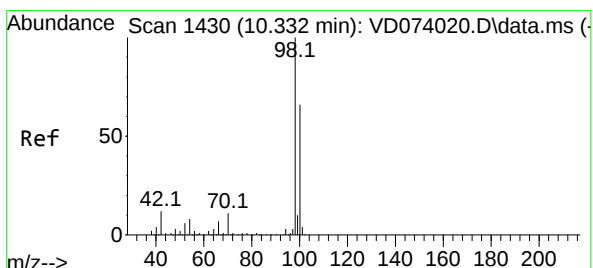
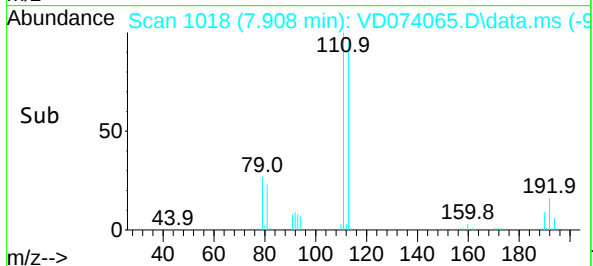
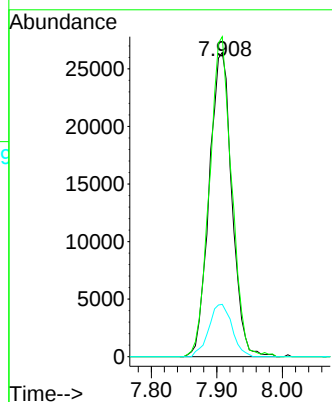
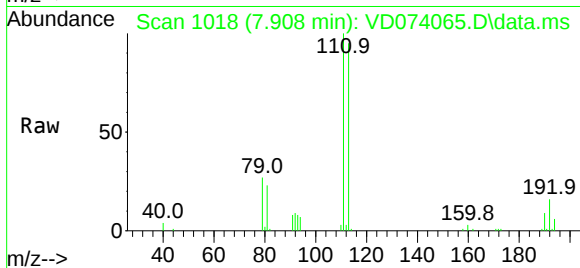
Tgt Ion:113 Resp: 63324

Ion Ratio Lower Upper

113 100

111 103.7 80.0 120.0

192 17.6 14.2 21.4



#50

Toluene-d8

Concen: 34.441 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD074065.D

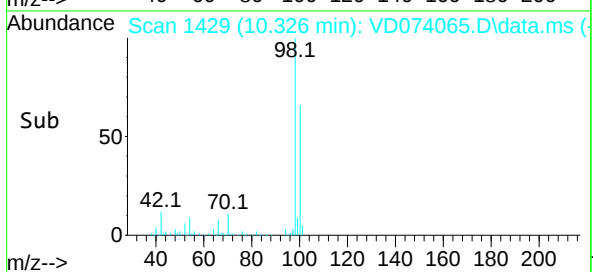
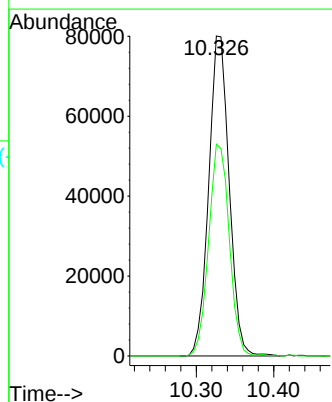
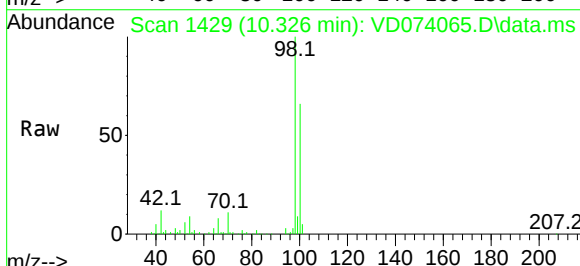
Acq: 12 Aug 2022 16:19

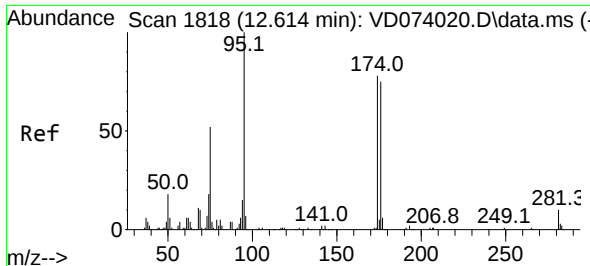
Tgt Ion: 98 Resp: 147067

Ion Ratio Lower Upper

98 100

100 66.7 51.3 76.9

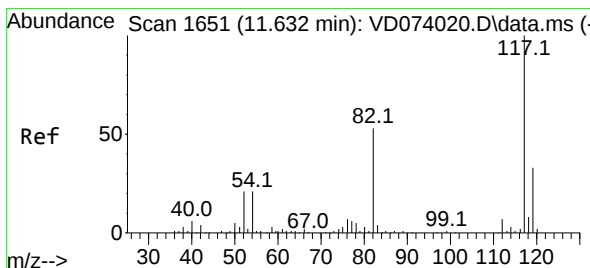
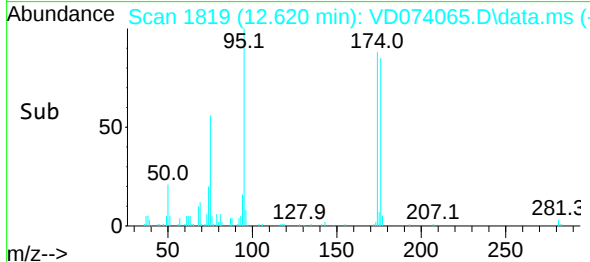
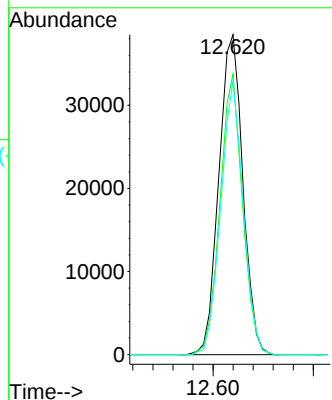
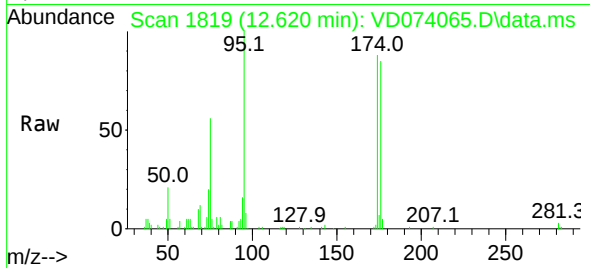




#62
4-Bromofluorobenzene
Concen: 33.410 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074065.D
Acq: 12 Aug 2022 16:19

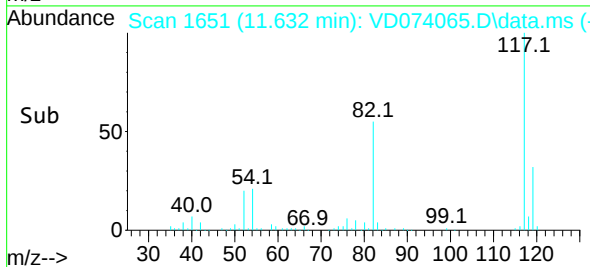
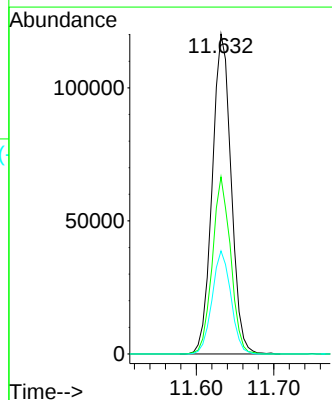
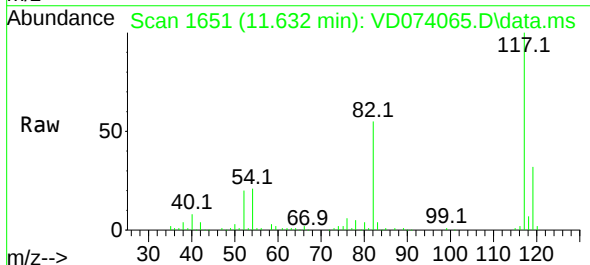
Instrument :
MSVOA_D
ClientSampleId :
VOC

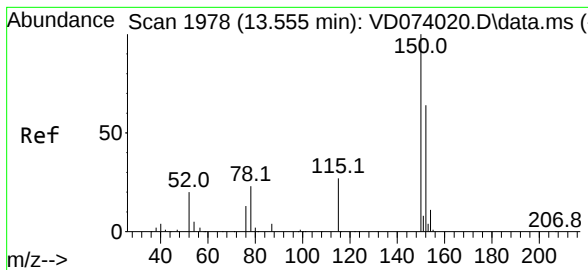
Tgt Ion: 95 Resp: 63798
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.6
176 80.4 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074065.D
Acq: 12 Aug 2022 16:19

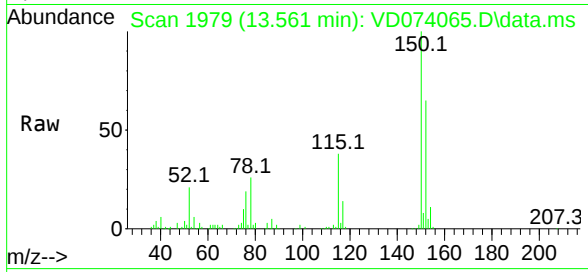
Tgt Ion: 117 Resp: 204146
Ion Ratio Lower Upper
117 100
82 55.3 42.7 64.1
119 32.2 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074065.D
 Acq: 12 Aug 2022 16:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC



Tgt Ion:	152	Resp:	82714
Ion Ratio	Lower	Upper	
152	100		
115	61.0	29.9	89.8
150	158.3	0.0	342.8

