

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066004.D
 Acq On : 22 Jul 2020 16:21
 Operator : VA/SY
 Sample : L3354-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACK-YARD

Quant Time: Jul 23 01:27:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	280240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	416594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	374494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159434	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	108576	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	7.92	113	116493	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
50) Toluene-d8	10.34	98	399552	42.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.90%	
62) 4-Bromofluorobenzene	12.64	95	126032	38.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.24%	

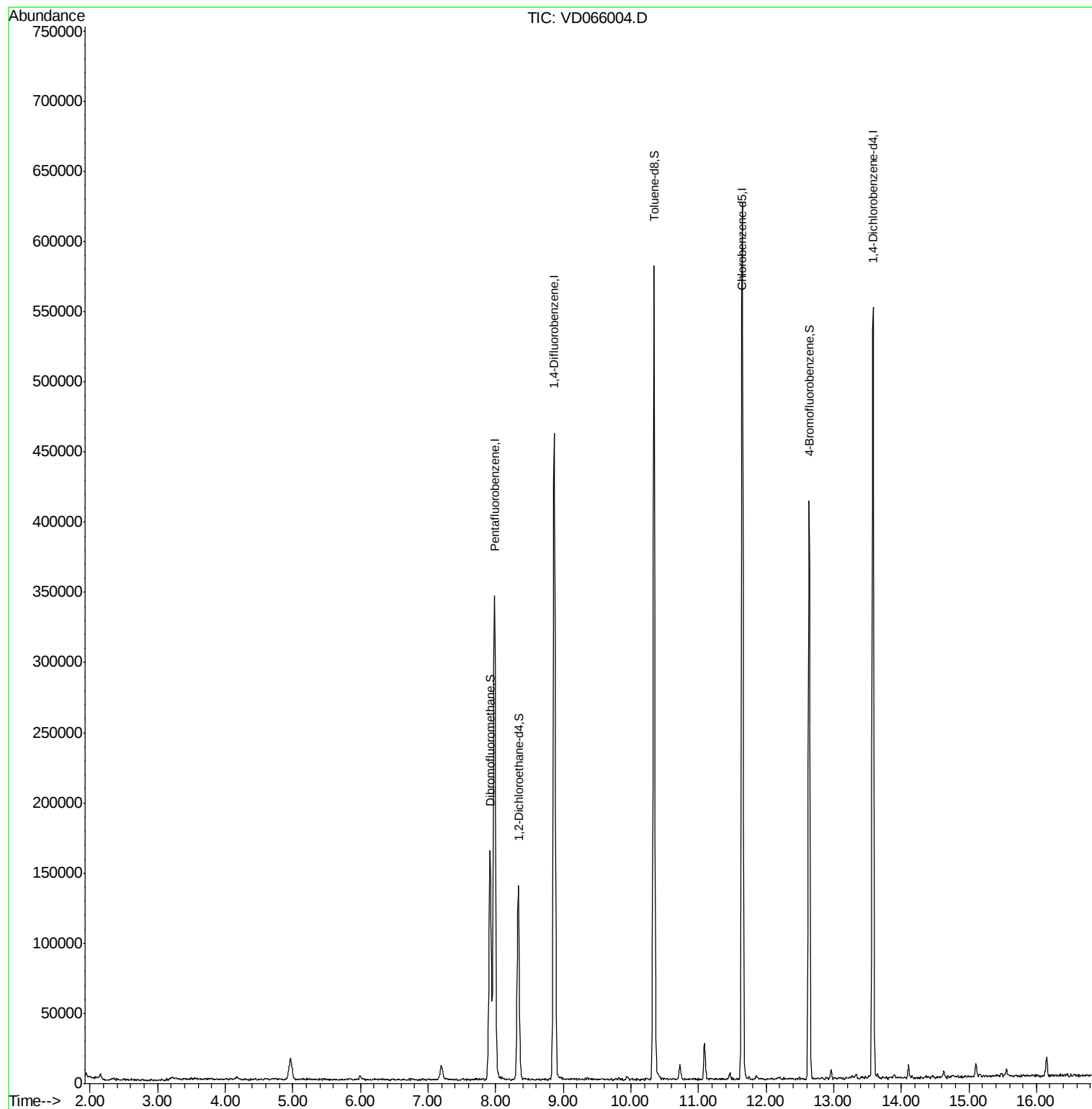
Target Compounds	Qvalue

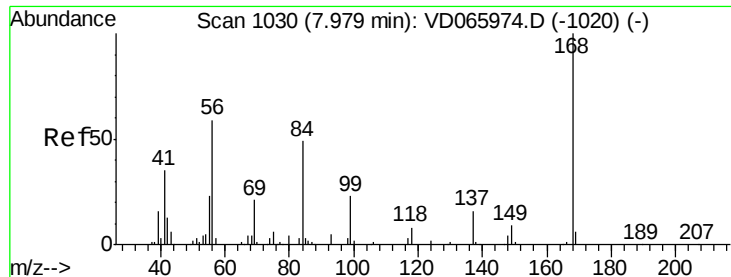
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066004.D

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Instrument :

MSVOA_D

ClientSampleId :

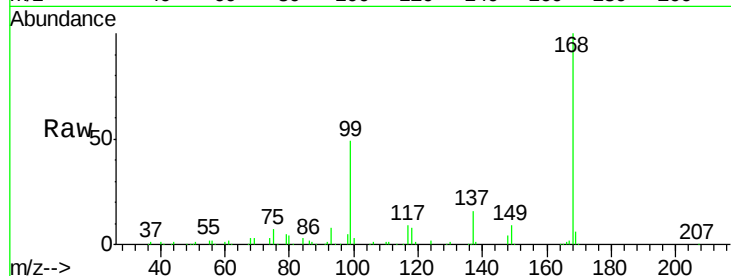
BACK-YARD

Tot Ion:168 Resp: 280240

Ion Ratio Lower Upper

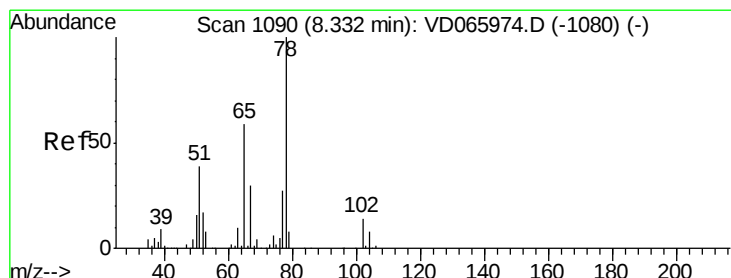
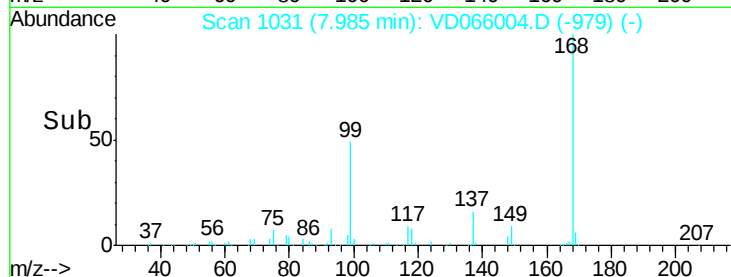
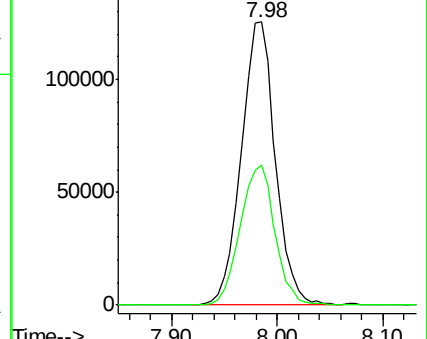
168 100

99 49.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.615 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD066004.D

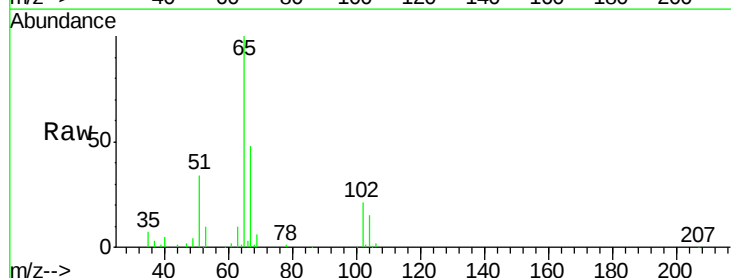
Acq: 22 Jul 2020 16:21

Tgt Ion: 65 Resp: 108576

Ion Ratio Lower Upper

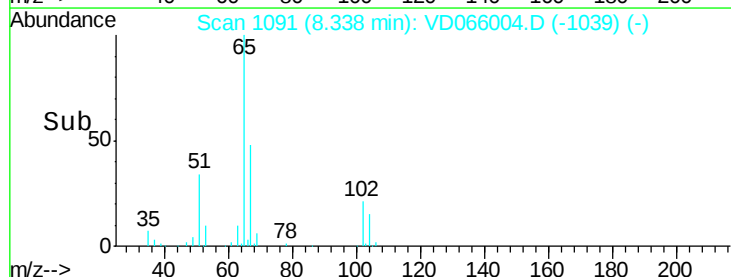
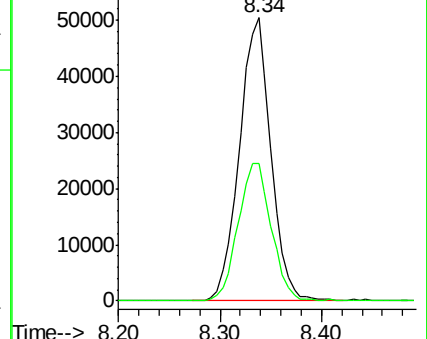
65 100

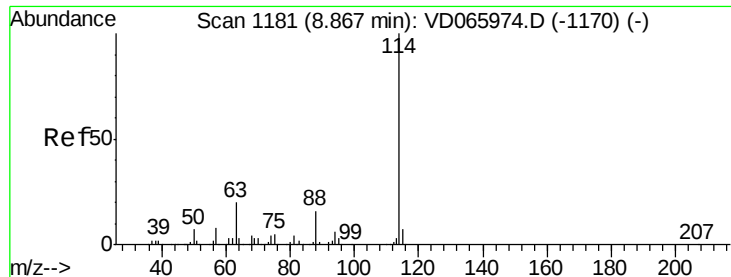
67 50.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

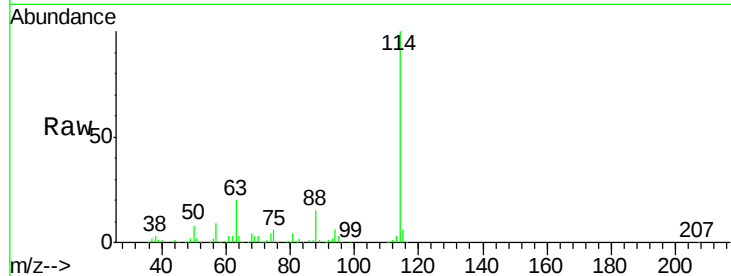




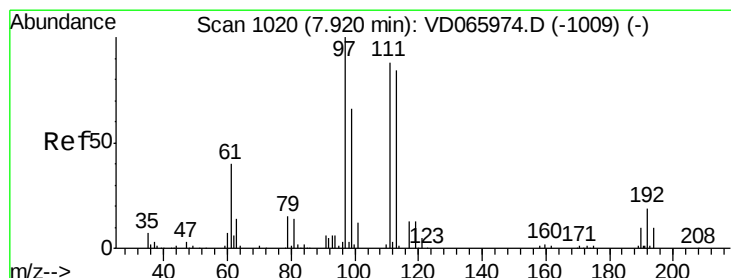
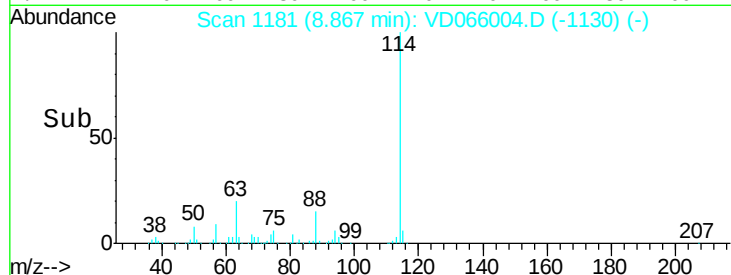
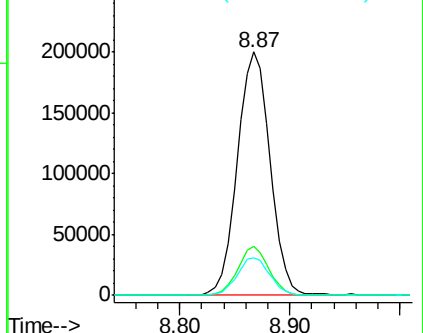
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066004.D
 Acq: 22 Jul 2020 16:21

Instrument :
 MSVOA_D
 ClientSampleId :
 BACK-YARD

Tot Ion:114 Resp: 416594
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.3 0.0 31.2

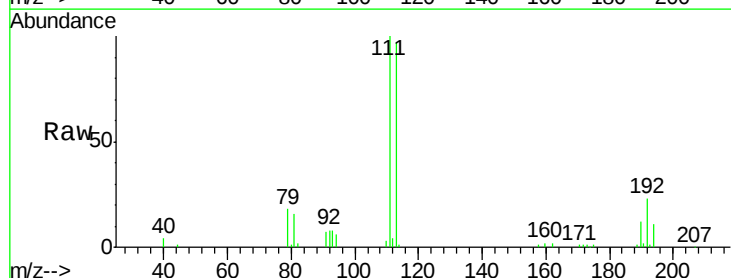


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

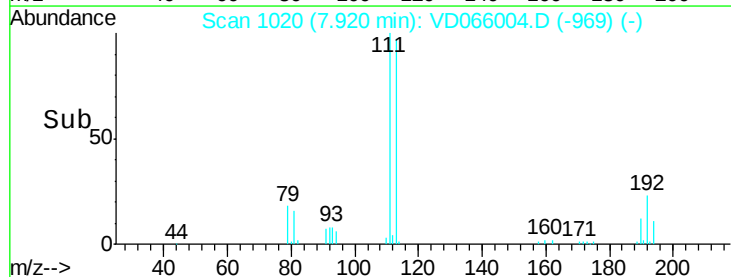
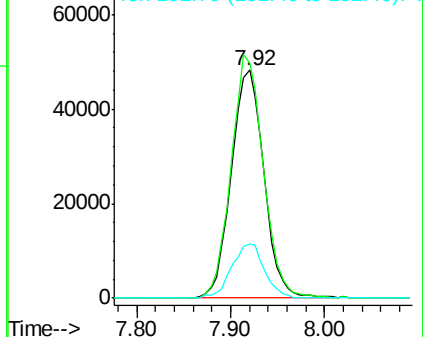


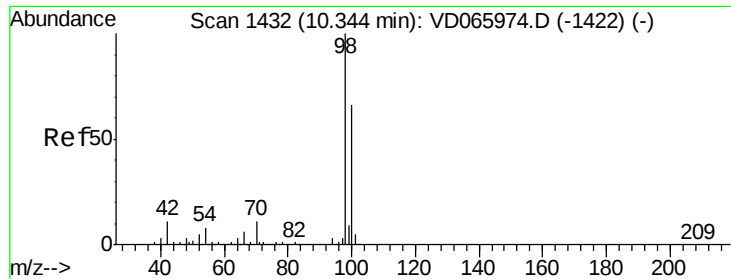
#35
 Dibromofluoromethane
 Concen: 46.103 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066004.D
 Acq: 22 Jul 2020 16:21

Tgt Ion:113 Resp: 116493
 Ion Ratio Lower Upper
 113 100
 111 105.2 83.2 124.8
 192 23.8 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

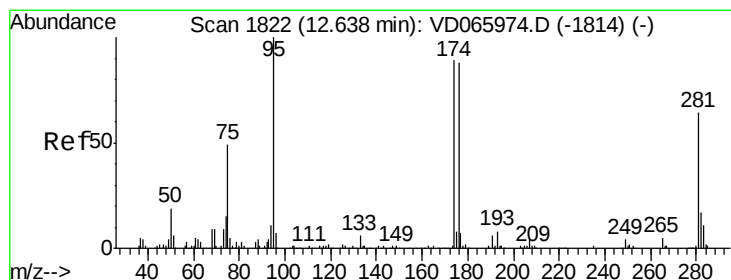
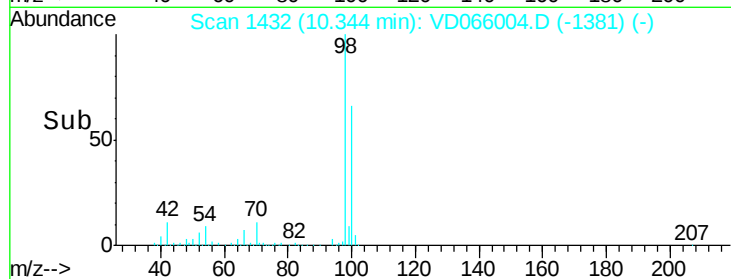
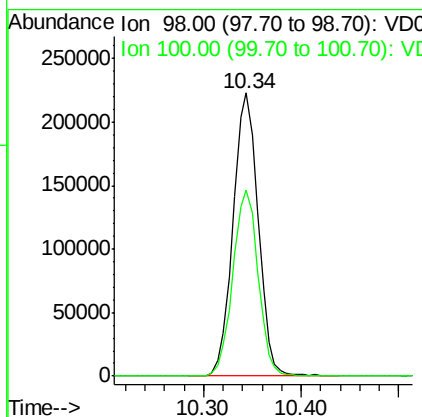
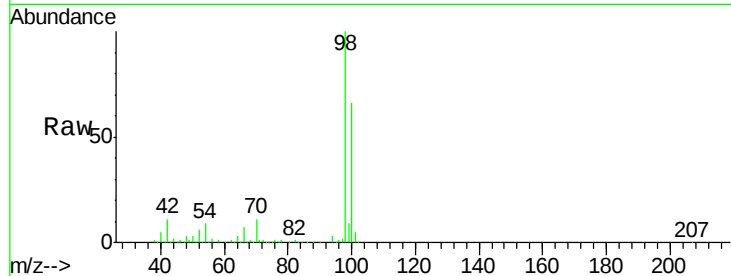




#50
Toluene-d8
Concen: 42.447 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

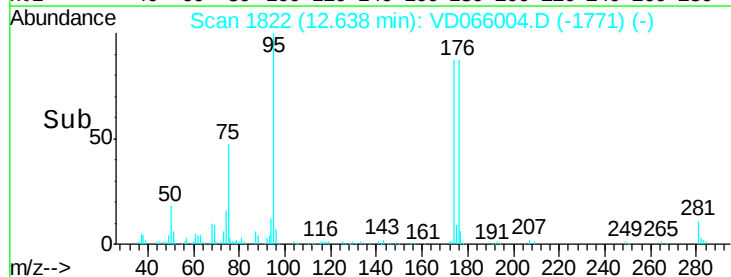
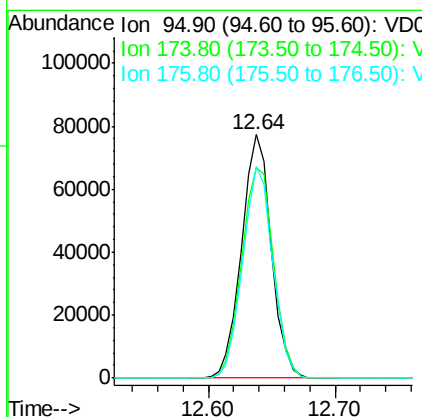
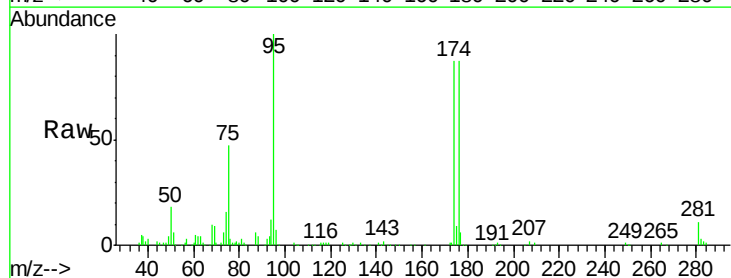
Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

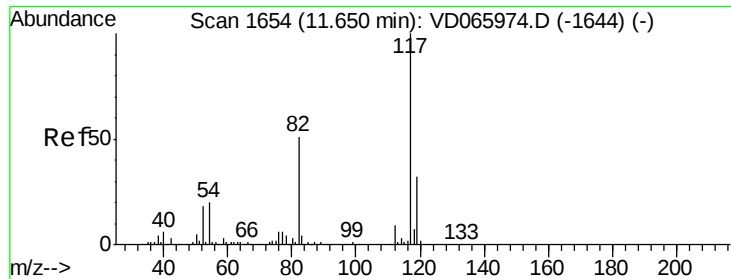
Tot Ion: 98 Resp: 399552
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 38.615 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion: 95 Resp: 126032
Ion Ratio Lower Upper
95 100
174 93.1 0.0 178.8
176 87.8 0.0 172.6

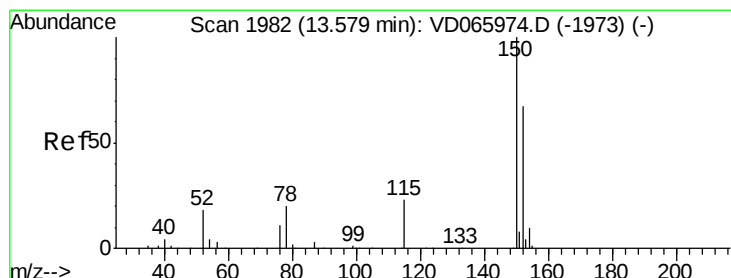
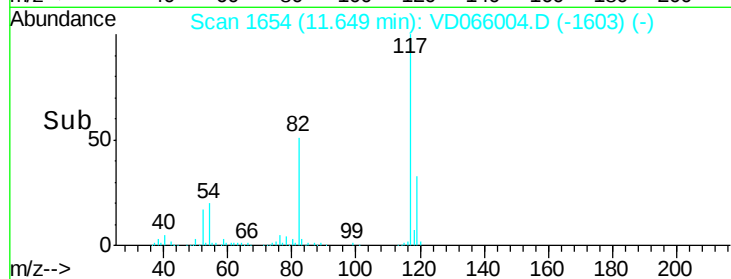
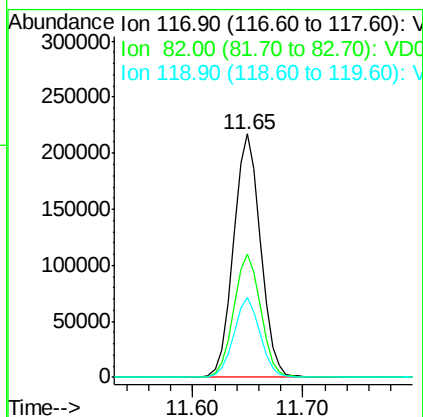
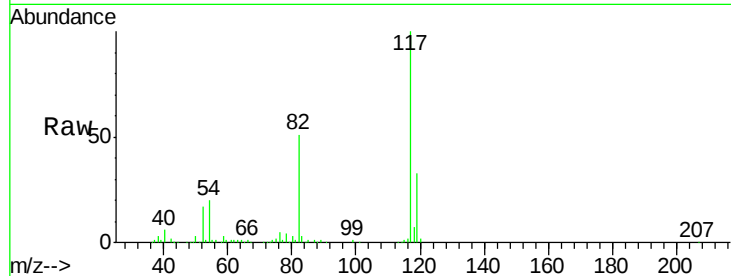




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

Tot Ion:117 Resp: 374494
Ion Ratio Lower Upper
117 100
82 50.7 41.1 61.7
119 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion:152 Resp: 159434
Ion Ratio Lower Upper
152 100
115 56.0 27.9 83.7
150 158.4 0.0 348.2

