

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064456.D
 Acq On : 06 Dec 2019 14:01
 Operator : VA/SY
 Sample : K6187-01
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-BOT-N

Quant Time: Dec 06 23:05:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	700358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1008927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	900774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	421962	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	258449	40.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.54%	
35) Dibromofluoromethane	7.91	113	293803	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
50) Toluene-d8	10.34	98	1196491	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.64	95	381212	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

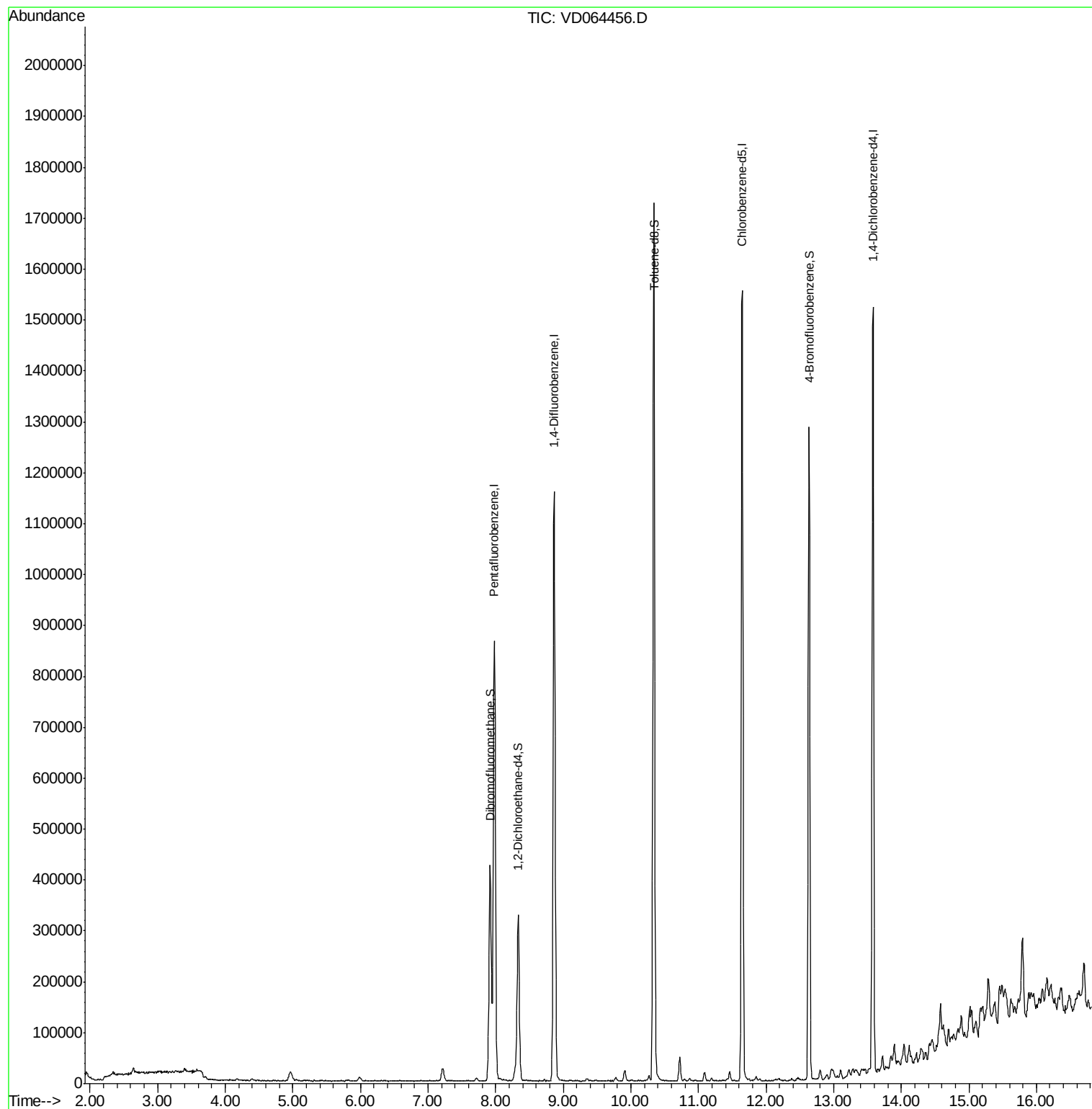
Target Compounds	Qvalue

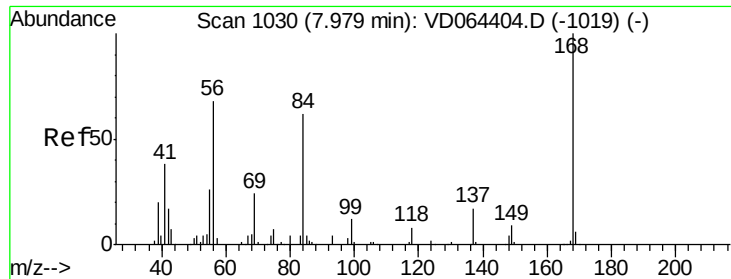
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064456.D

Acq: 06 Dec 2019 14:01

Instrument :

MSVOA_D

ClientSampleId :

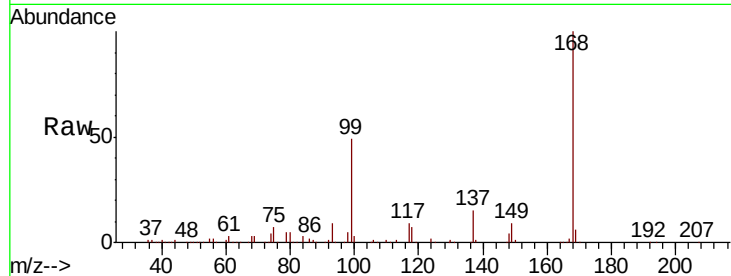
RPC-BOT-N

Tot Ion:168 Resp: 700358

Ion Ratio Lower Upper

168 100

99 48.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

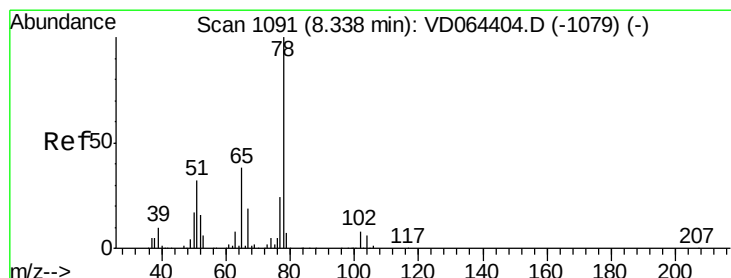
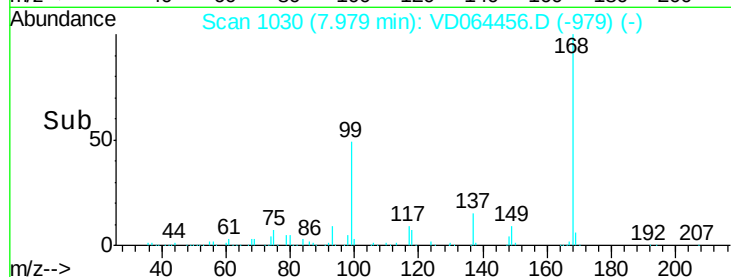
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.770 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064456.D

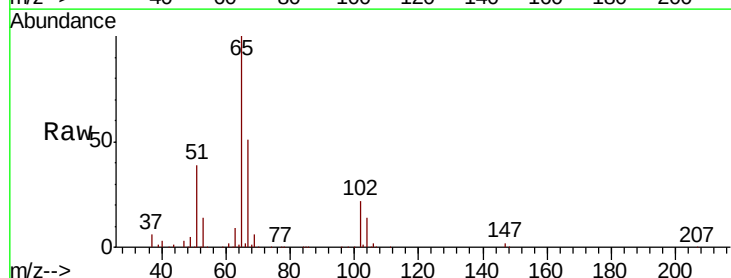
Acq: 06 Dec 2019 14:01

Tgt Ion: 65 Resp: 258449

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

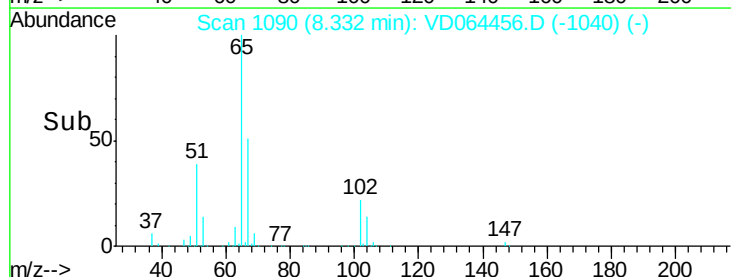
8.33

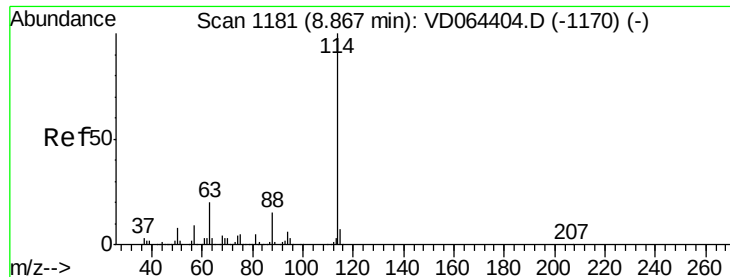
100000

50000

0

Time-->

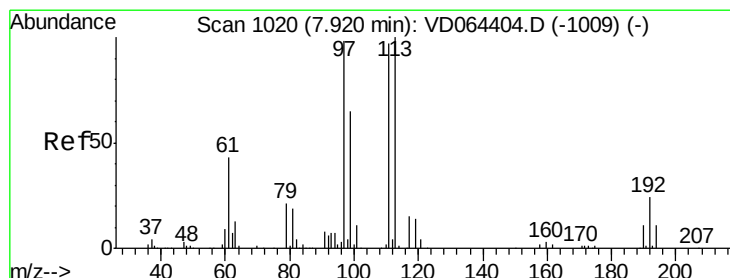
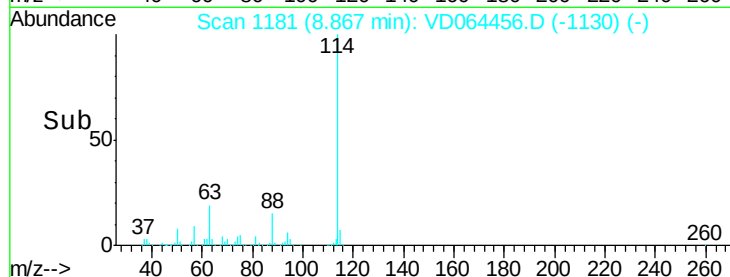
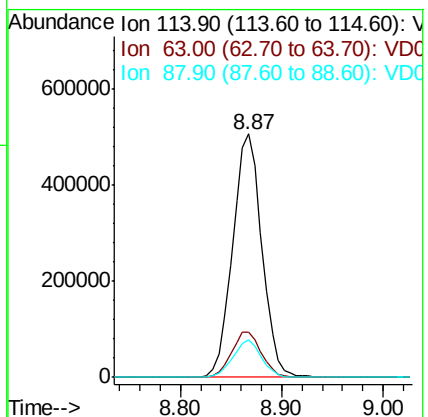
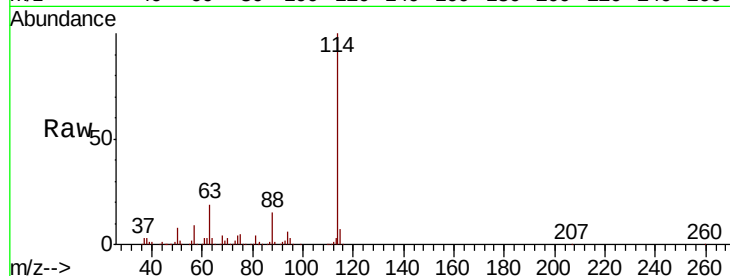




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

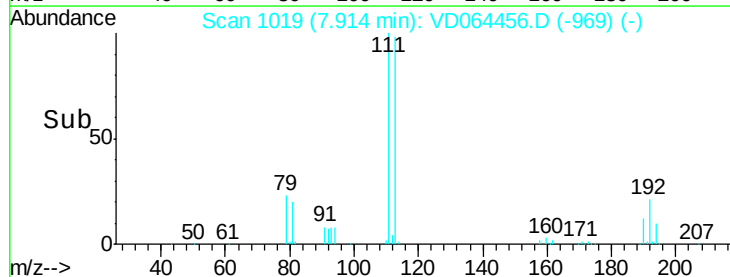
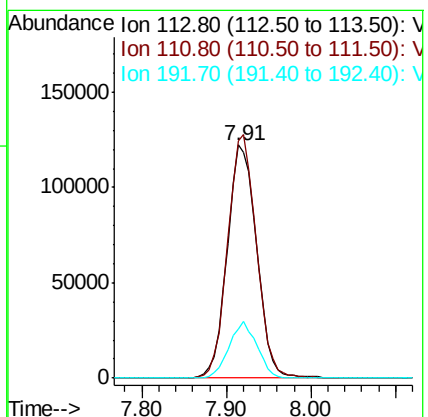
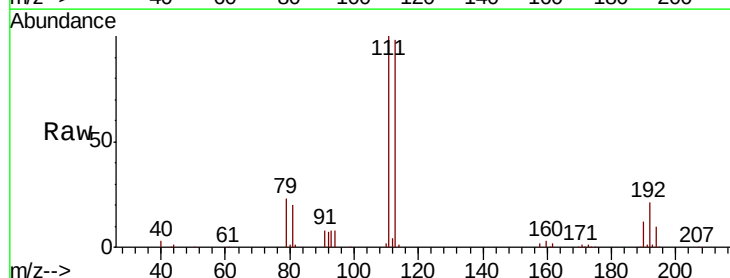
Instrument :
MSVOA_D
ClientSampleId :
RPC-BOT-N

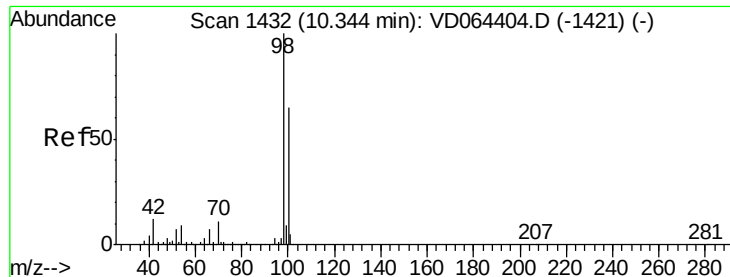
Tot Ion:114 Resp: 1008927
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.4 0.0 29.2



#35
Dibromofluoromethane
Concen: 46.219 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

Tgt Ion:113 Resp: 293803
Ion Ratio Lower Upper
113 100
111 101.6 79.4 119.2
192 23.0 18.6 28.0

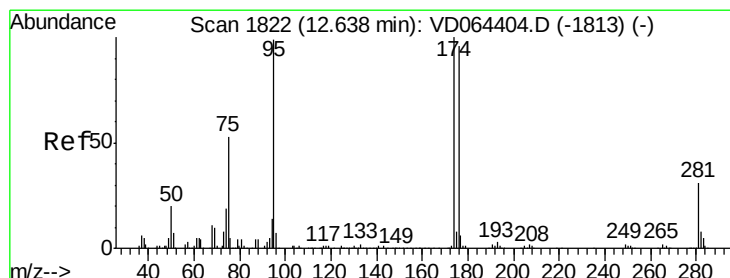
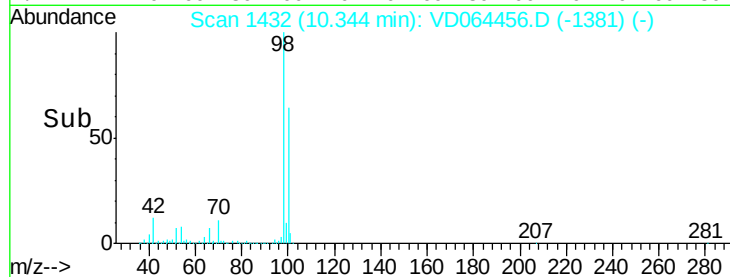
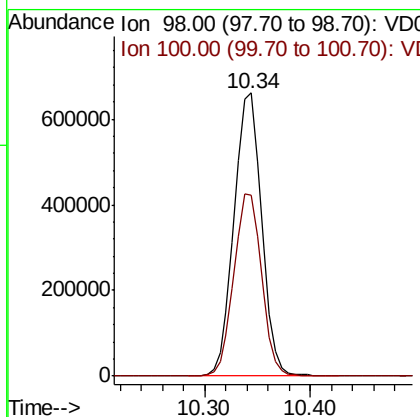
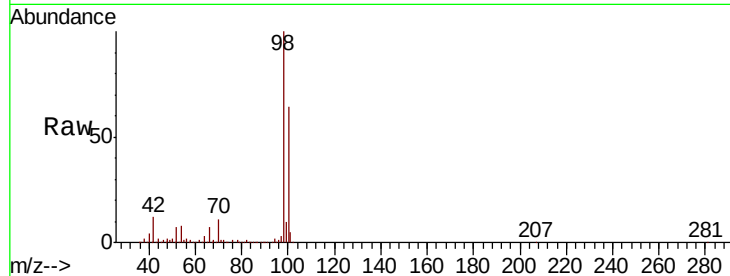




#50
Toluene-d8
Concen: 49.968 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

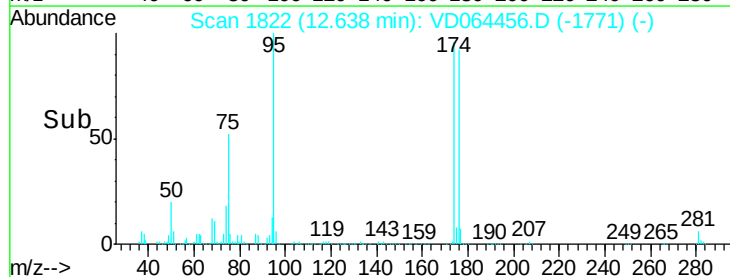
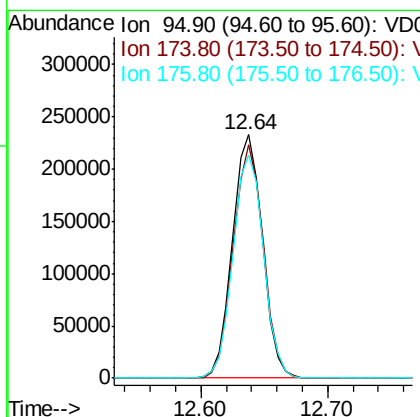
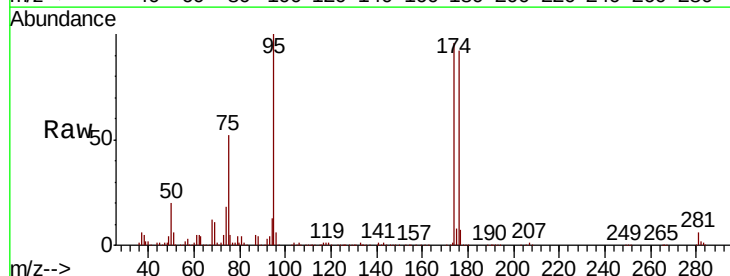
Instrument :
MSVOA_D
ClientSampleId :
RPC-BOT-N

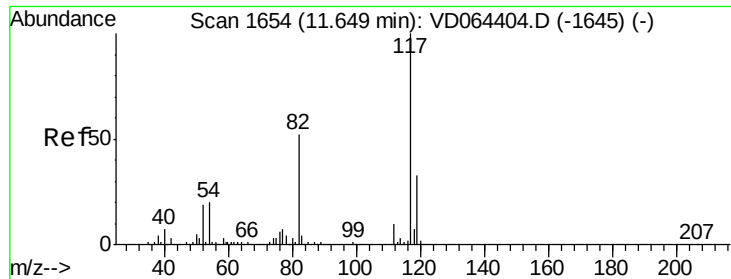
Tot Ion: 98 Resp: 1196491
Ion Ratio Lower Upper
98 100
100 64.9 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 49.538 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

Tgt Ion: 95 Resp: 381212
Ion Ratio Lower Upper
95 100
174 96.0 0.0 197.2
176 93.0 0.0 189.6

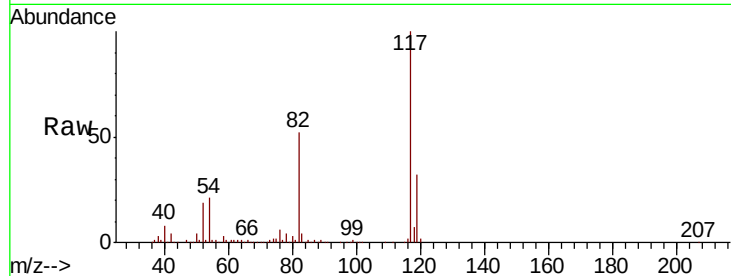




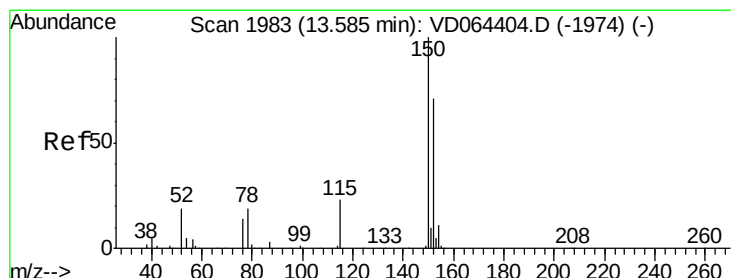
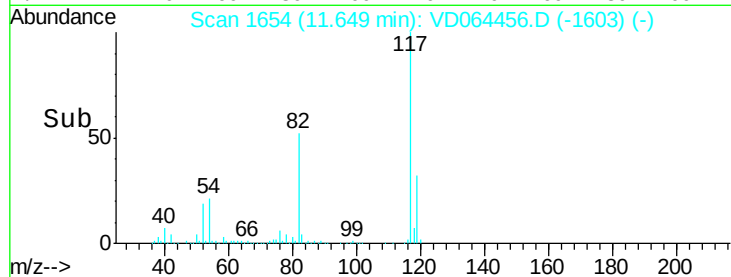
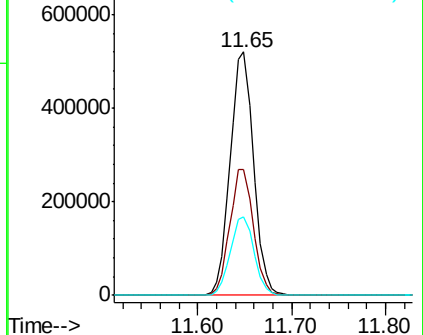
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

Instrument :
MSVOA_D
ClientSampleId :
RPC-BOT-N

Tot Ion:117 Resp: 900774
Ion Ratio Lower Upper
117 100
82 51.6 41.4 62.2
119 32.4 26.2 39.2

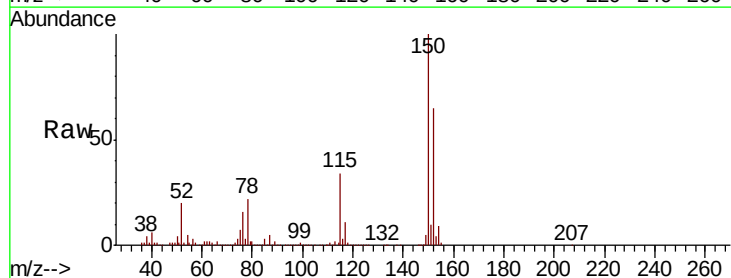


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

Tgt Ion:152 Resp: 421962
Ion Ratio Lower Upper
152 100
115 53.1 26.7 80.1
150 157.4 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

