

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064458.D
 Acq On : 06 Dec 2019 14:58
 Operator : VA/SY
 Sample : K6187-03
 Misc : 5.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-BOT-W

Quant Time: Dec 07 00:50:51 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	181752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	270250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	265613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142536	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	99590	60.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.08%	
35) Dibromofluoromethane	7.92	113	87780	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.34	98	321046	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.64	95	122979	59.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.32%	

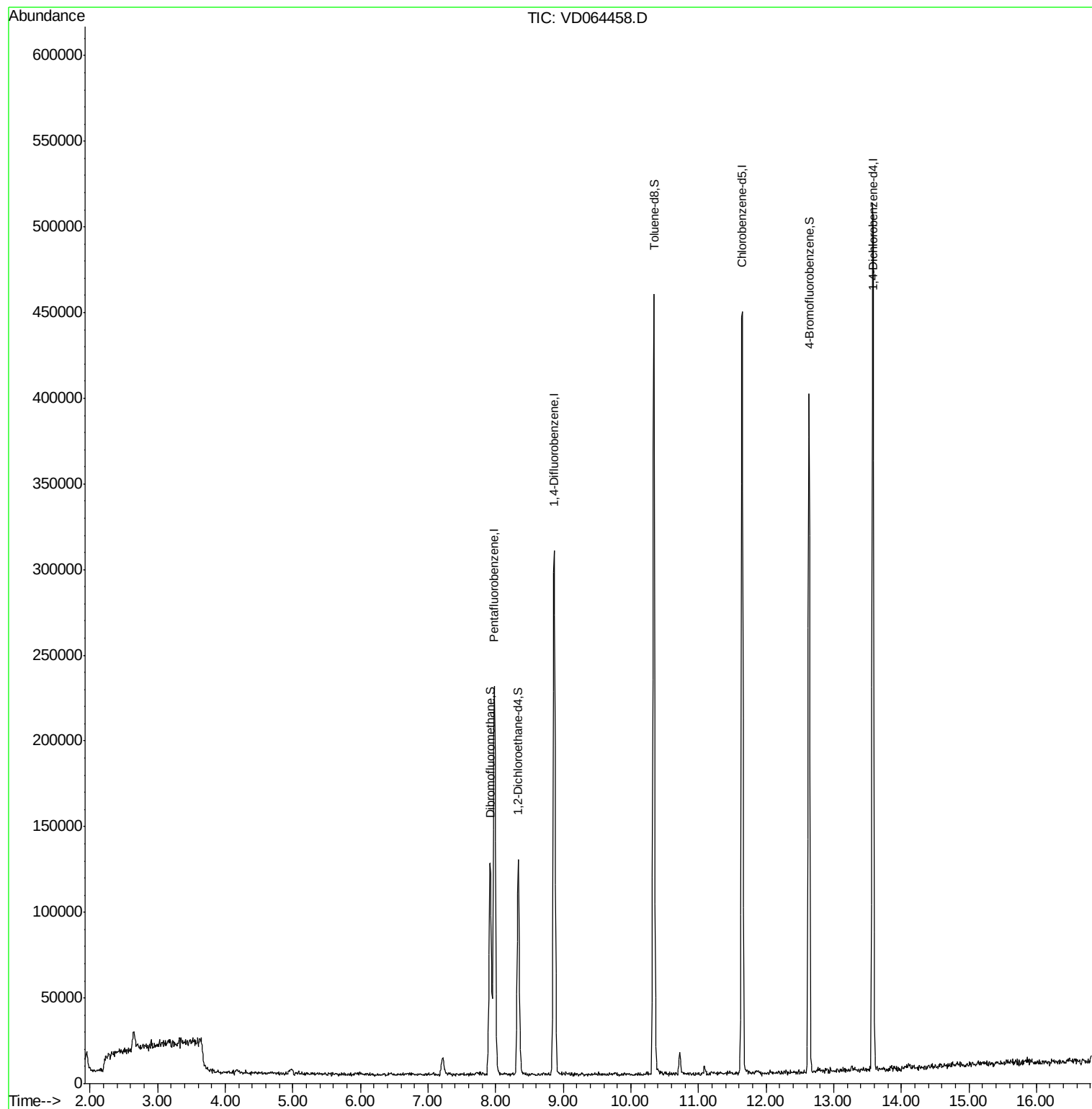
Target Compounds	Qvalue

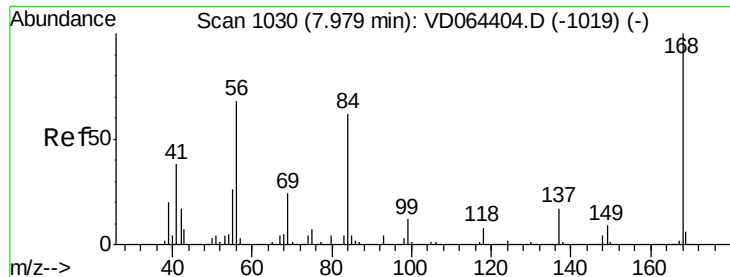
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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QLast Update : Fri Nov 29 07:18:03 2019
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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: VD064458.D

Acq: 06 Dec 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

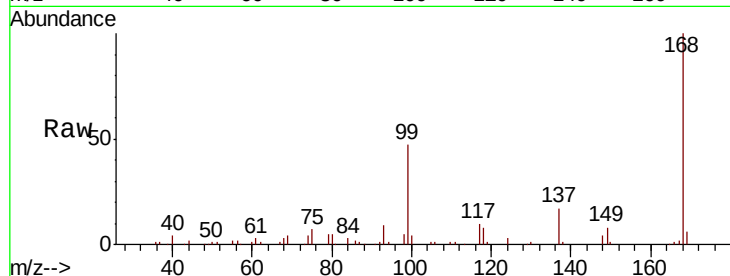
RPC-BOT-W

Tot Ion:168 Resp: 181752

Ion Ratio Lower Upper

168 100

99 47.0 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

80000

60000

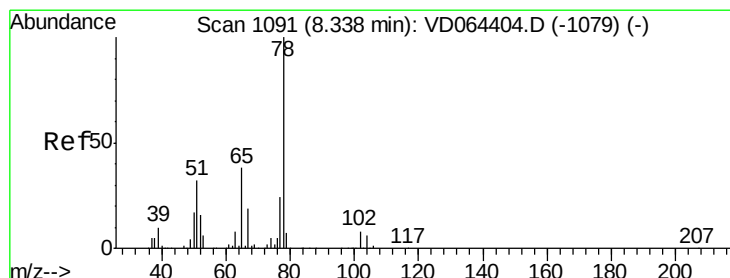
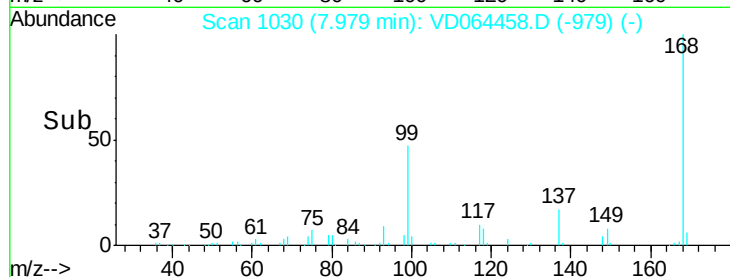
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 60.537 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064458.D

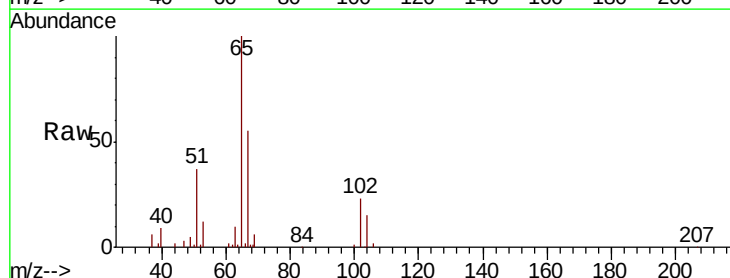
Acq: 06 Dec 2019 14:58

Tgt Ion: 65 Resp: 99590

Ion Ratio Lower Upper

65 100

67 51.8 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

50000

40000

30000

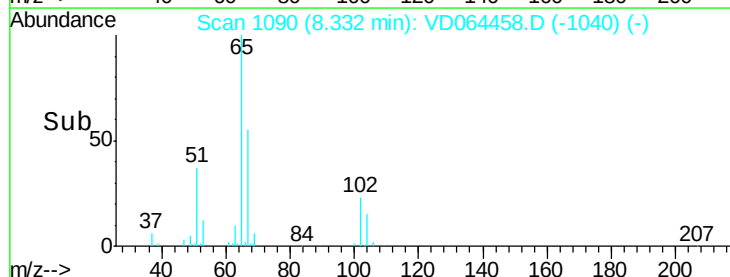
20000

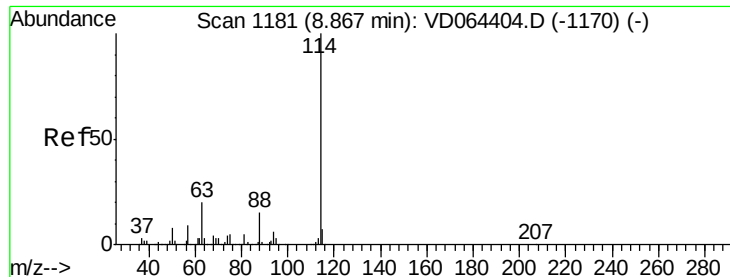
10000

0

Time-->

8.20 8.30 8.40

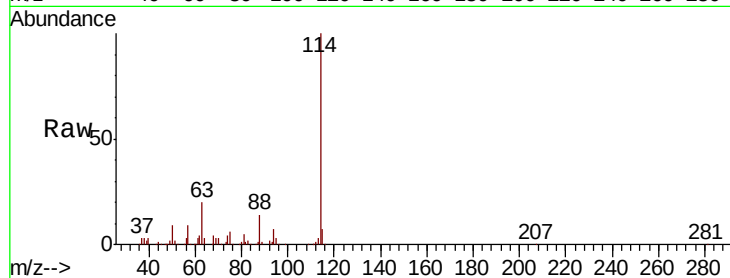




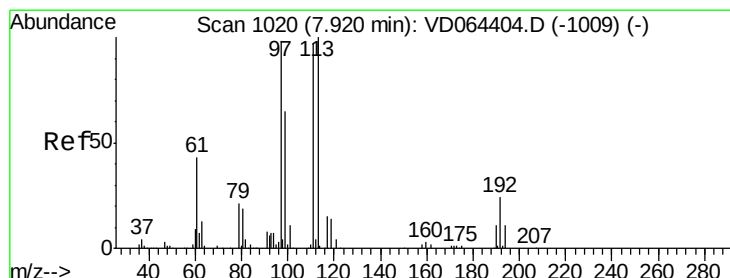
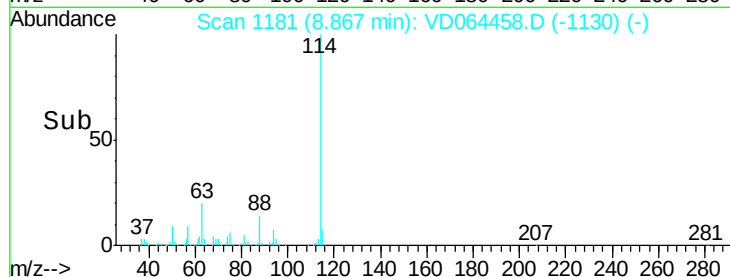
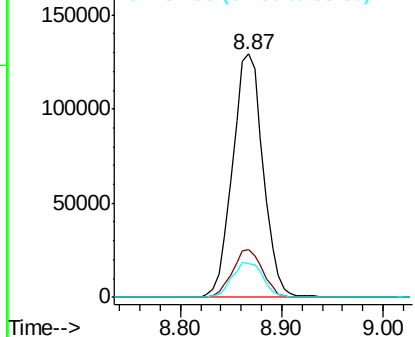
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064458.D
 Acq: 06 Dec 2019 14:58

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-BOT-W

Tot Ion:114 Resp: 270250
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 14.1 0.0 29.2

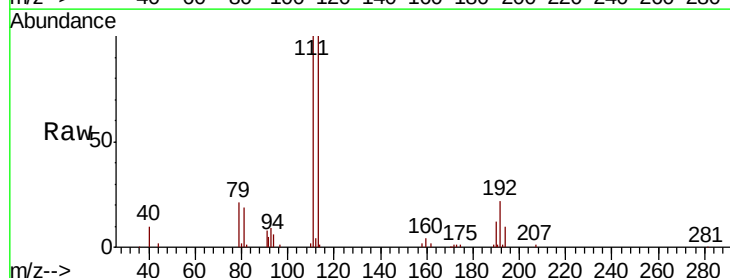


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

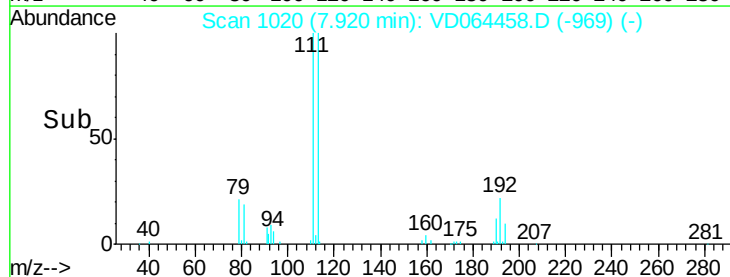
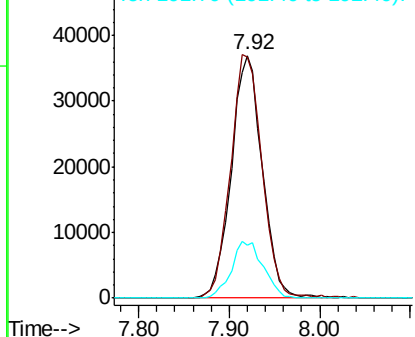


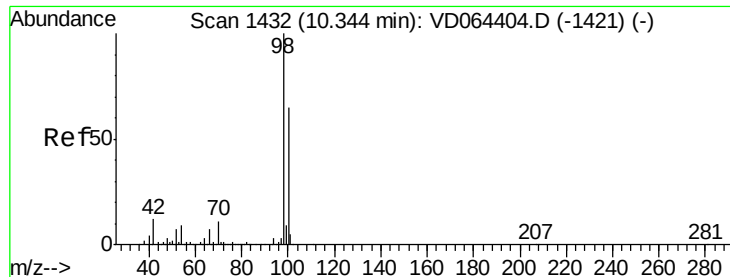
#35
 Dibromofluoromethane
 Concen: 51.553 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064458.D
 Acq: 06 Dec 2019 14:58

Tgt Ion:113 Resp: 87780
 Ion Ratio Lower Upper
 113 100
 111 101.9 79.4 119.2
 192 24.0 18.6 28.0



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: 50.055 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064458.D

Acq: 06 Dec 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

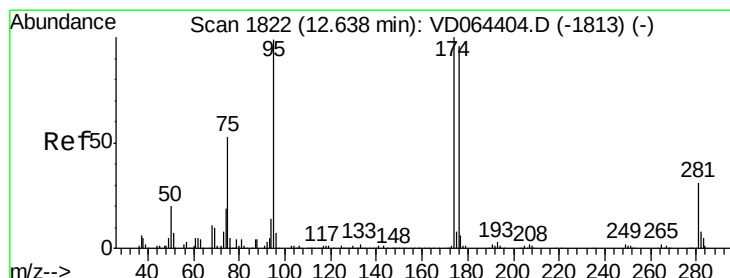
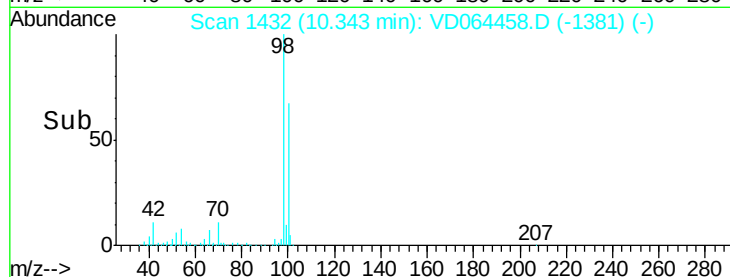
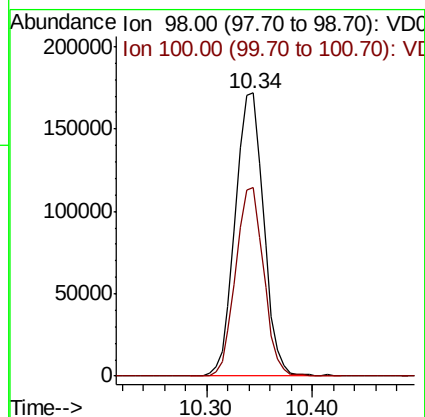
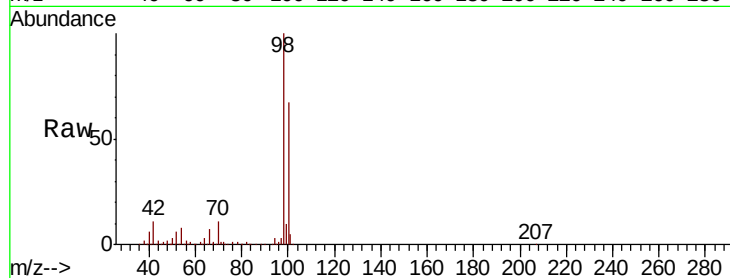
RPC-BOT-W

Tot Ion: 98 Resp: 321046

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 59.662 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064458.D

Acq: 06 Dec 2019 14:58

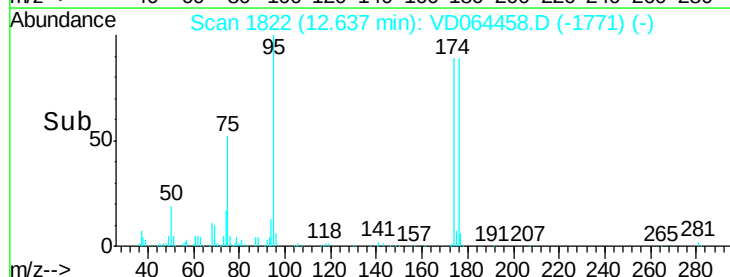
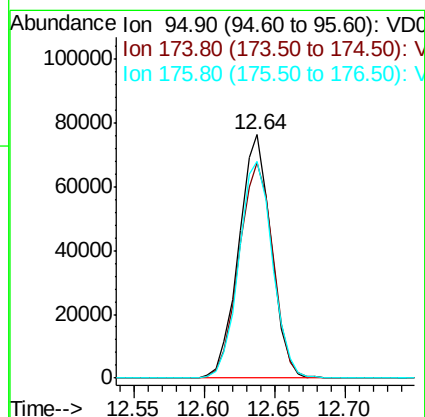
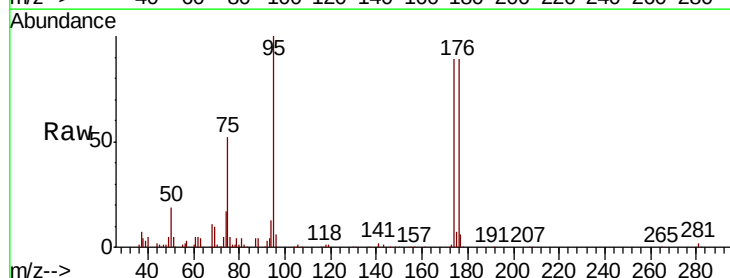
Tgt Ion: 95 Resp: 122979

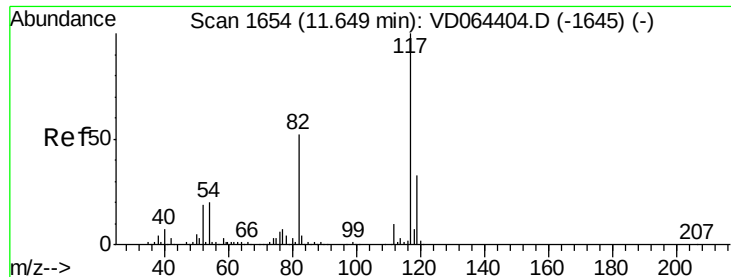
Ion Ratio Lower Upper

95 100

174 92.9 0.0 197.2

176 91.9 0.0 189.6

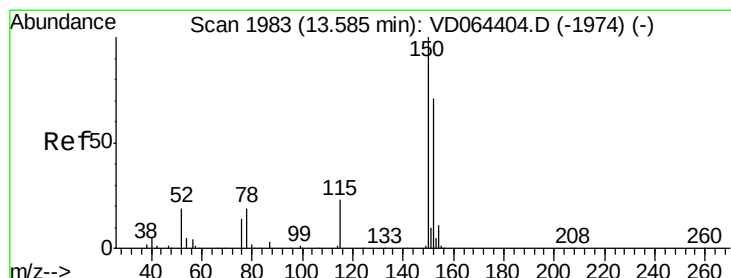
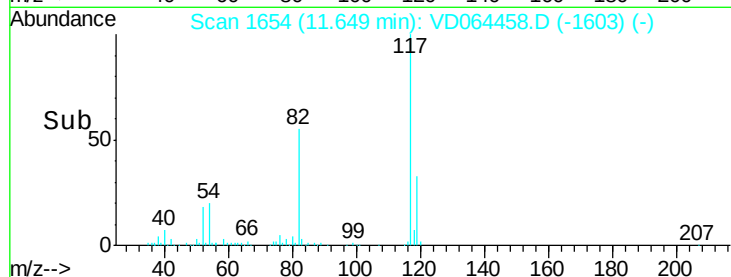
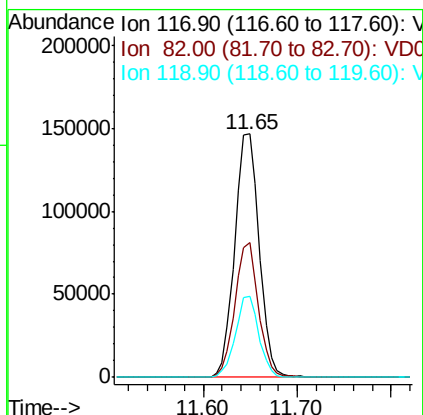
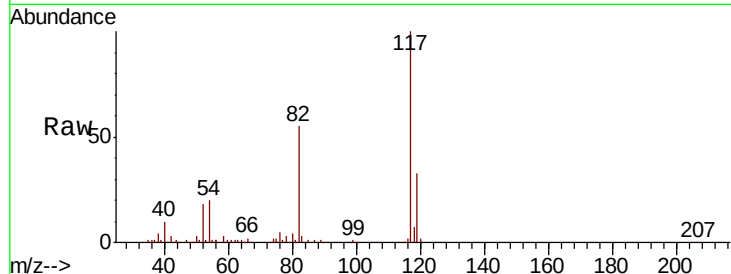




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064458.D
Acq: 06 Dec 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :
RPC-BOT-W

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.4	62.2
119	33.4	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064458.D
Acq: 06 Dec 2019 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.7	80.1
150	154.2	0.0	347.2

