

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064457.D
 Acq On : 06 Dec 2019 14:30
 Operator : VA/SY
 Sample : K6187-02
 Misc : 5.31G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-BOT-S

Quant Time: Dec 06 23:09:08 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	723960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1058438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	970320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	467430	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	274378	41.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.74%	
35) Dibromofluoromethane	7.92	113	305600	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
50) Toluene-d8	10.34	98	1249597	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.64	95	416223	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

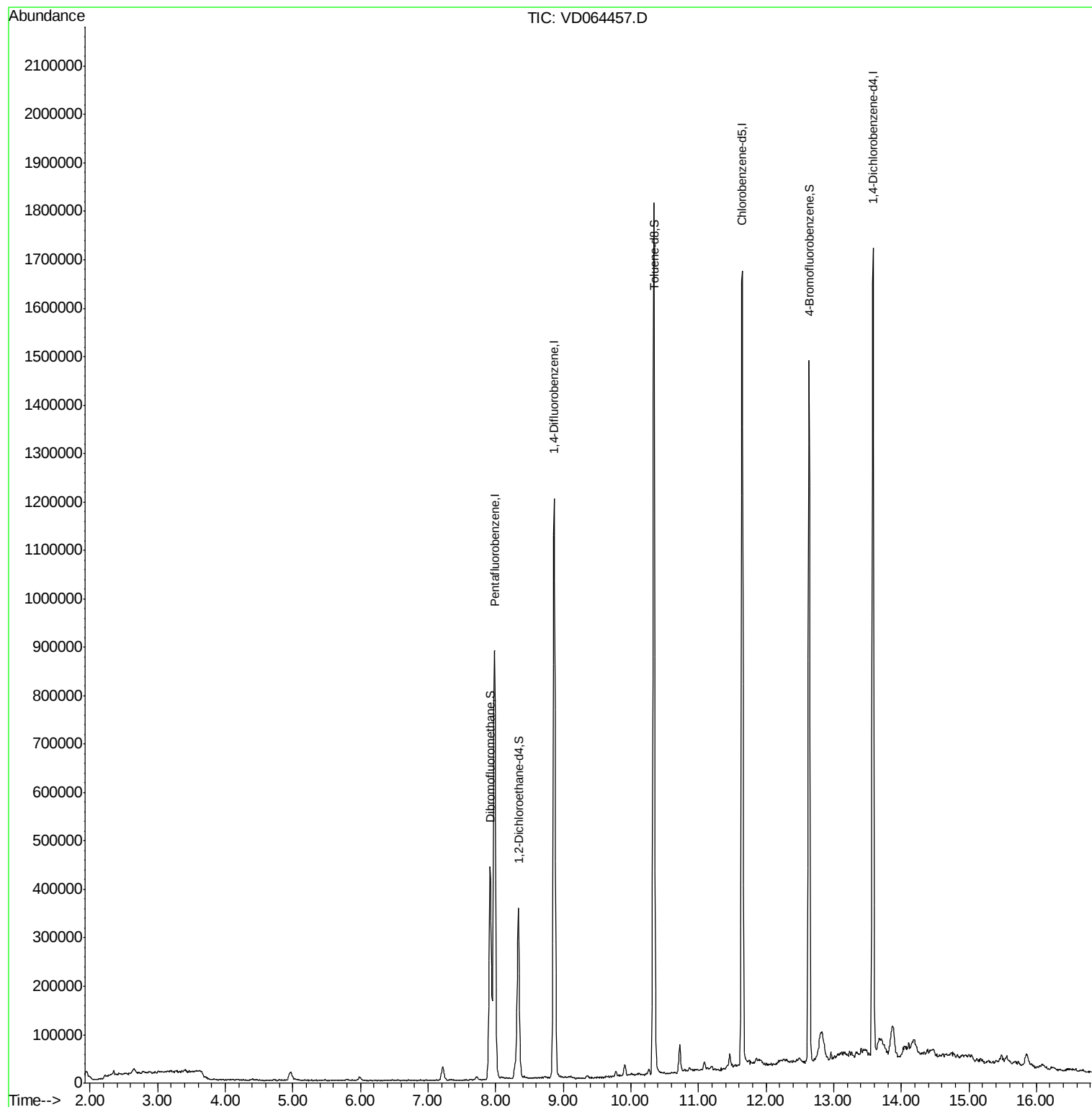
Target Compounds	Qvalue
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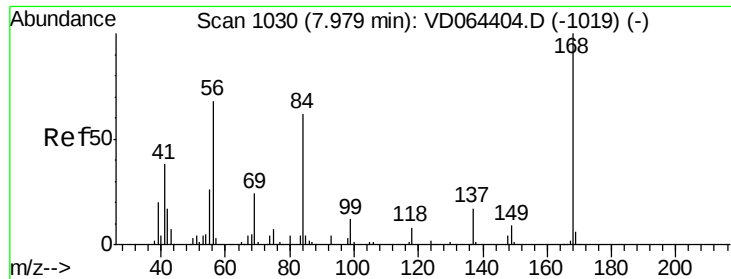
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064457.D

Acq: 06 Dec 2019 14:30

Instrument :

MSVOA_D

ClientSampleId :

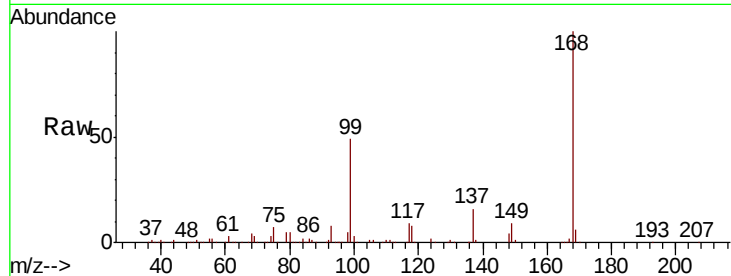
RPC-BOT-S

Tot Ion:168 Resp: 723960

Ion Ratio Lower Upper

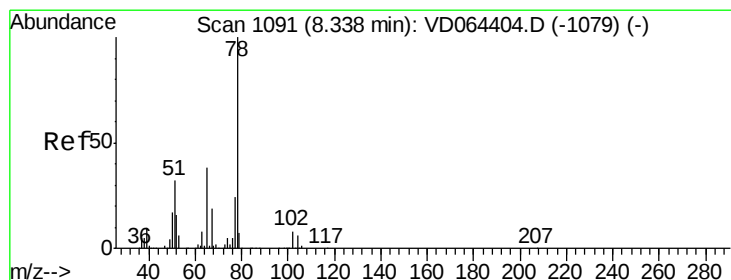
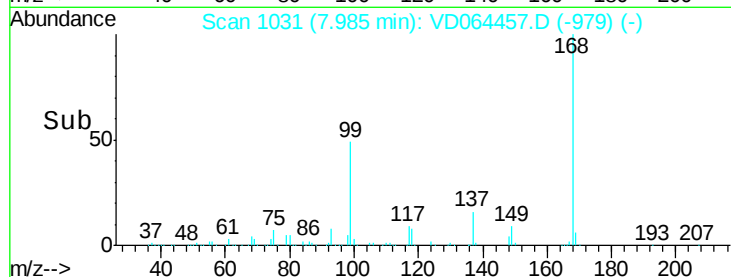
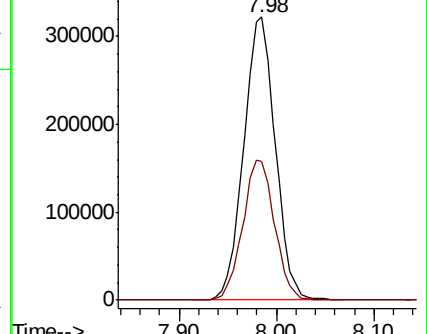
168 100

99 49.1 40.7 61.1



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: 41.871 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064457.D

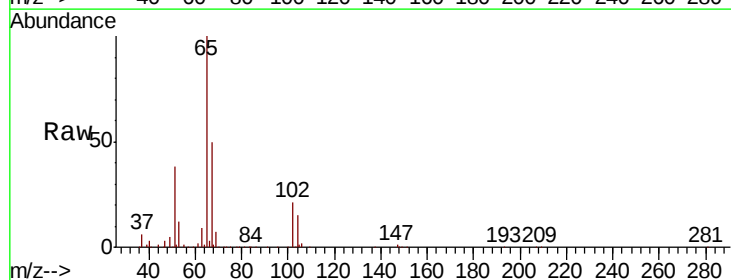
Acq: 06 Dec 2019 14:30

Tgt Ion: 65 Resp: 274378

Ion Ratio Lower Upper

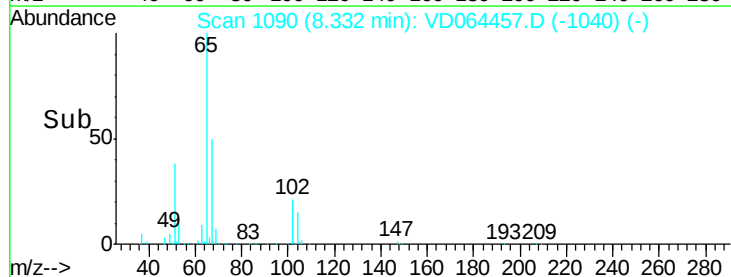
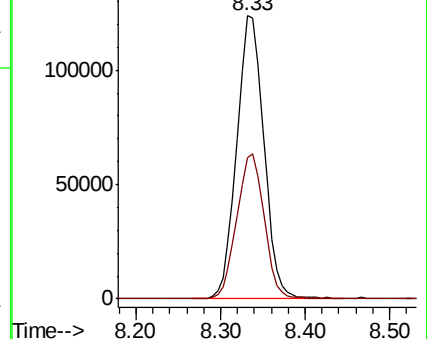
65 100

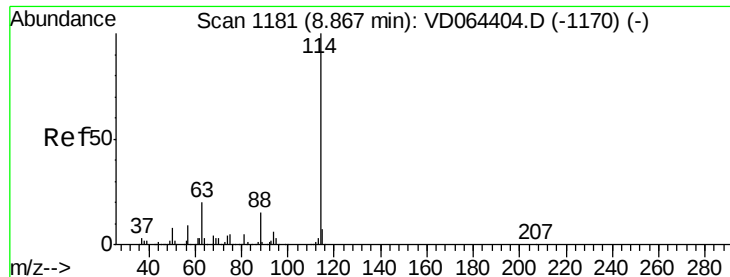
67 51.3 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

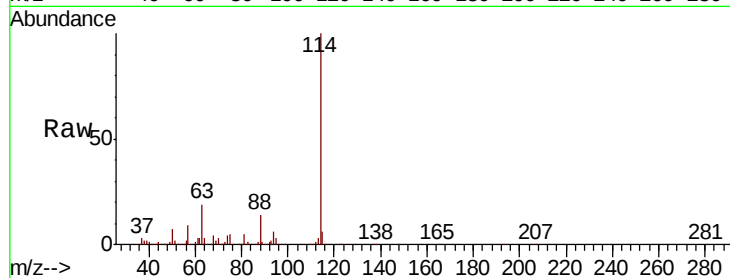




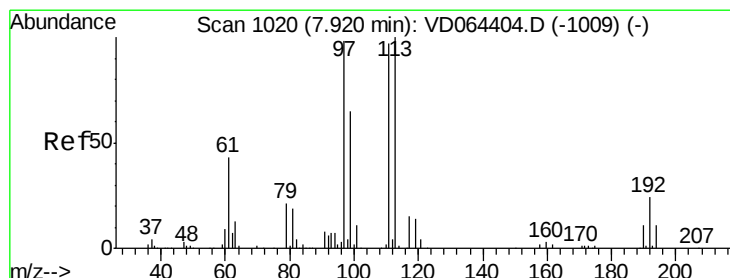
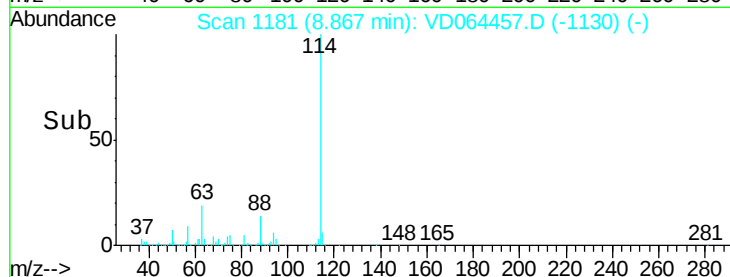
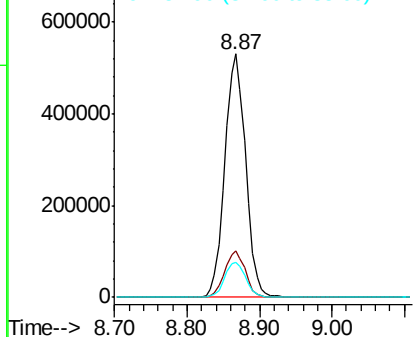
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064457.D
 Acq: 06 Dec 2019 14:30

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-BOT-S

Tot Ion:114 Resp: 1058438
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 14.4 0.0 29.2

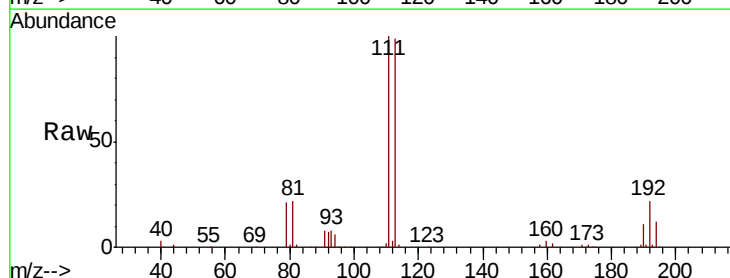


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

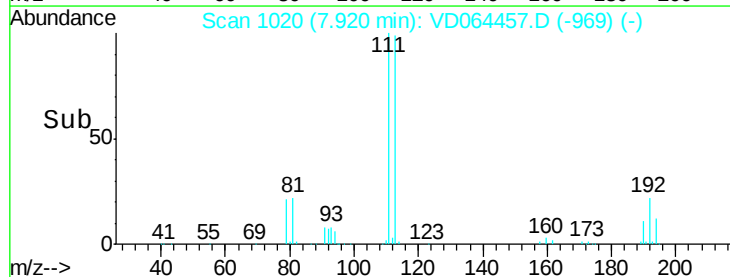
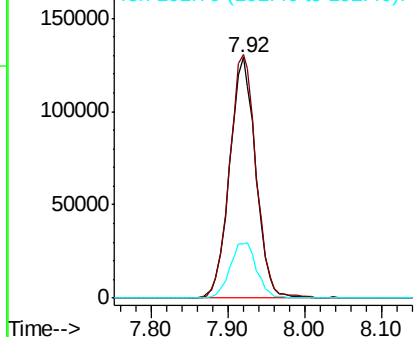


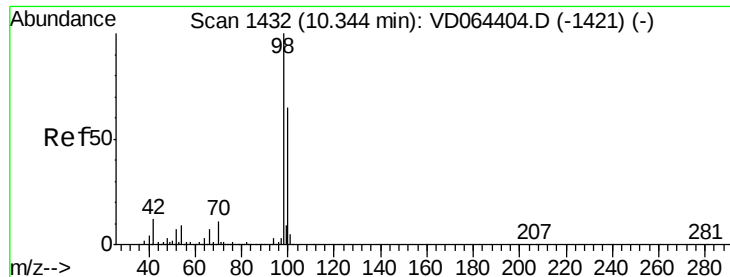
#35
 Dibromofluoromethane
 Concen: 45.826 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064457.D
 Acq: 06 Dec 2019 14:30

Tgt Ion:113 Resp: 305600
 Ion Ratio Lower Upper
 113 100
 111 102.7 79.4 119.2
 192 23.5 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

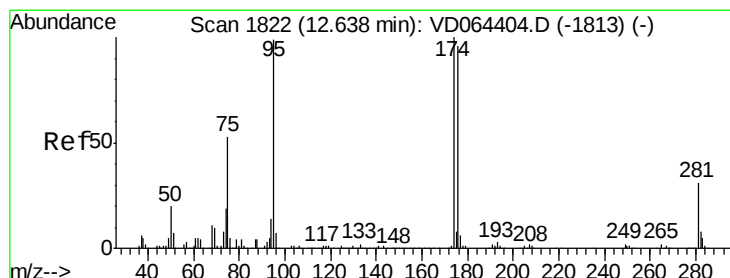
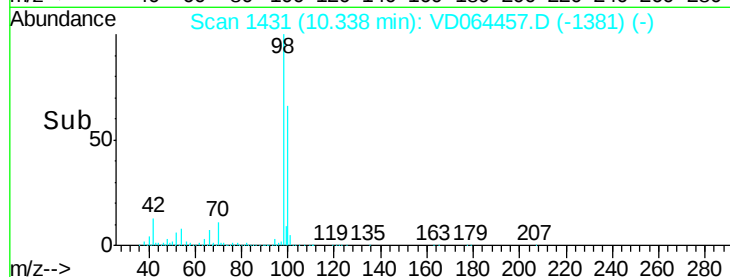
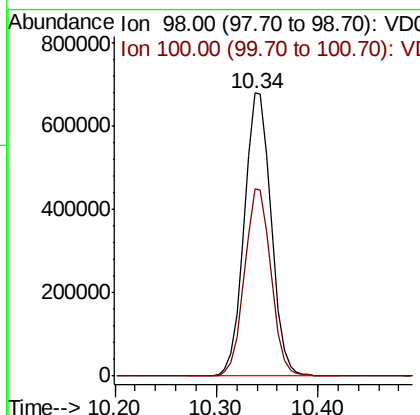
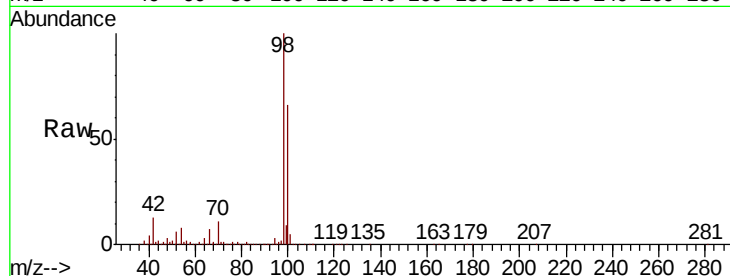




#50
Toluene-d8
Concen: 49.745 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064457.D
Acq: 06 Dec 2019 14:30

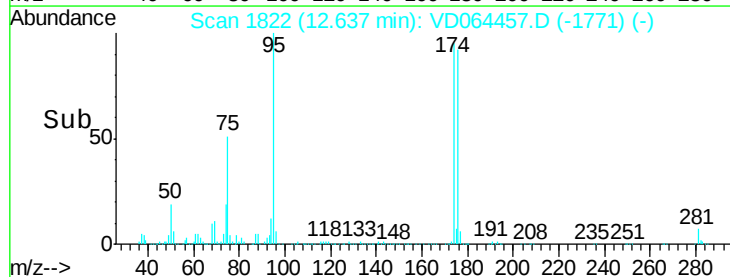
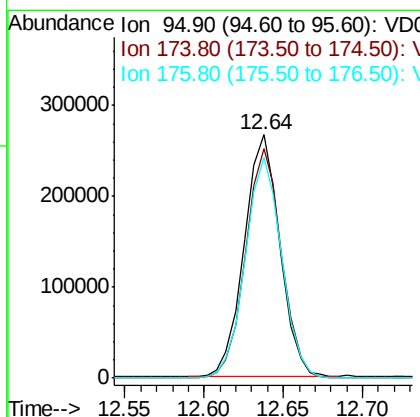
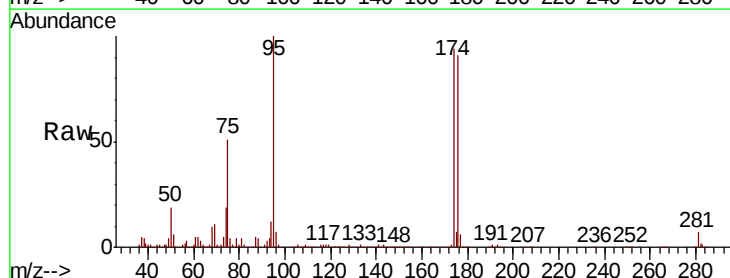
Instrument :
MSVOA_D
ClientSampleId :
RPC-BOT-S

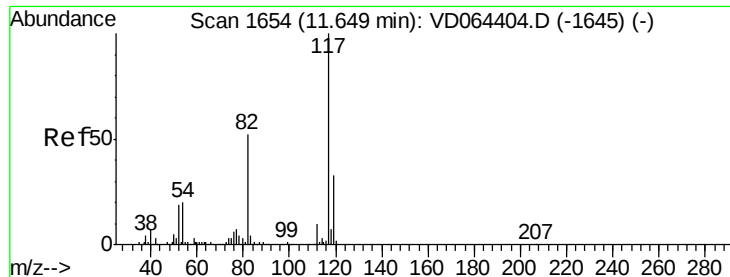
Tot Ion: 98 Resp: 1249597
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 51.558 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064457.D
Acq: 06 Dec 2019 14:30

Tgt Ion: 95 Resp: 416223
Ion Ratio Lower Upper
95 100
174 95.6 0.0 197.2
176 93.1 0.0 189.6

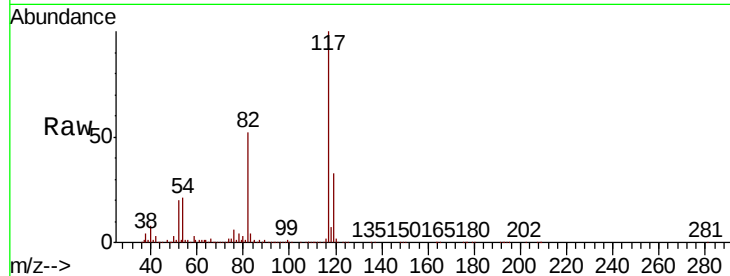




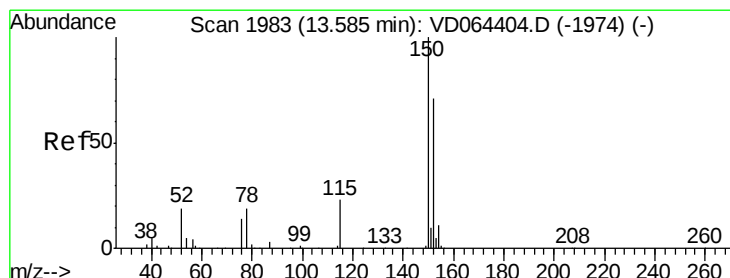
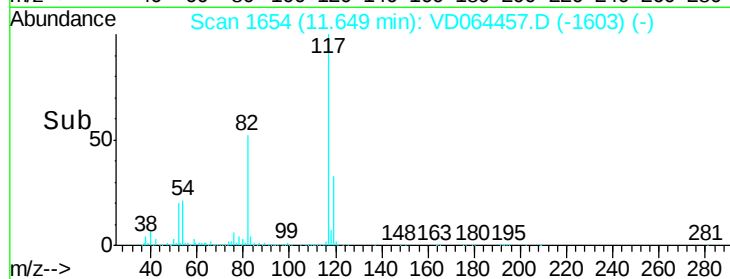
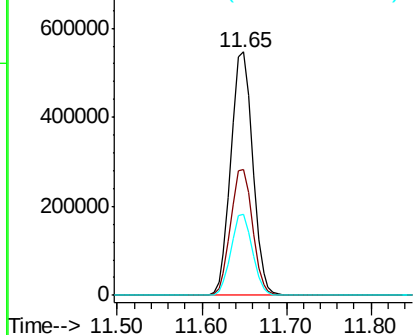
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064457.D
Acq: 06 Dec 2019 14:30

Instrument :
MSVOA_D
ClientSampleId :
RPC-BOT-S

Tot Ion:117 Resp: 970320
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.2
119 33.1 26.2 39.2

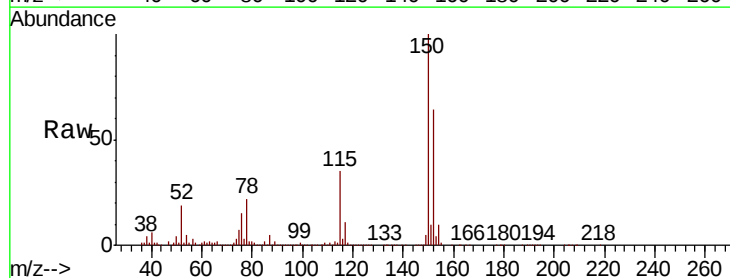


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064457.D
Acq: 06 Dec 2019 14:30

Tgt Ion:152 Resp: 467430
Ion Ratio Lower Upper
152 100
115 55.1 26.7 80.1
150 157.8 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

