

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064460.D
 Acq On : 06 Dec 2019 15:56
 Operator : VA/SY
 Sample : K6187-05
 Misc : 5.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-WALL-N

Quant Time: Dec 06 23:16:37 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	706925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1029000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	923827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	416733	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	264212	41.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.58%	
35) Dibromofluoromethane	7.92	113	299285	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
50) Toluene-d8	10.34	98	1202503	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.64	95	384984	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

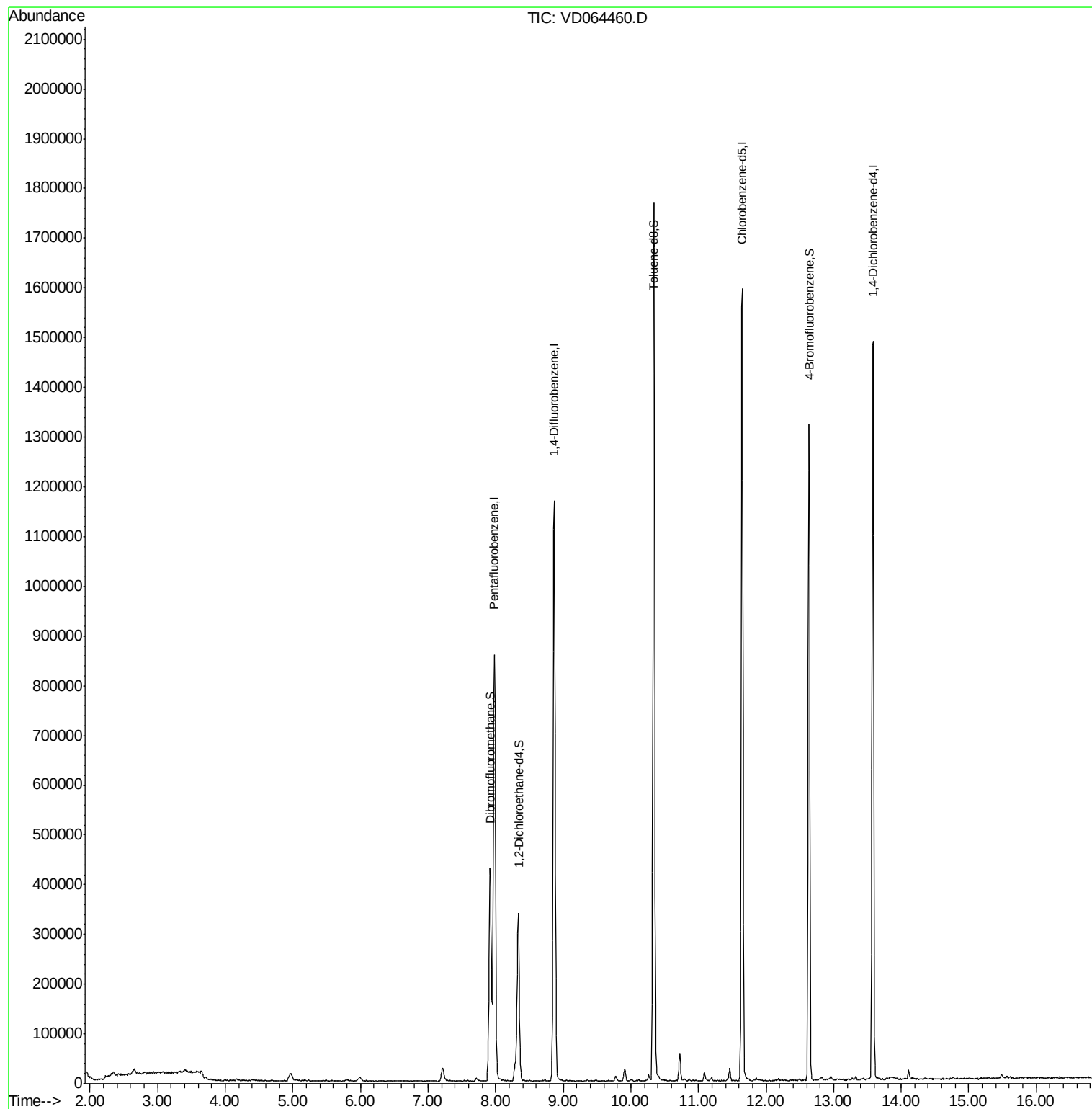
Target Compounds	Qvalue

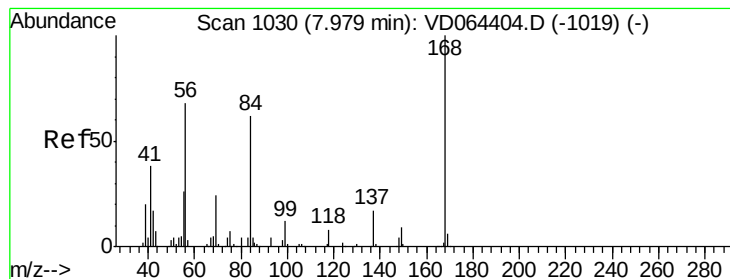
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064460.D

Acq: 06 Dec 2019 15:56

Instrument :

MSVOA_D

ClientSampleId :

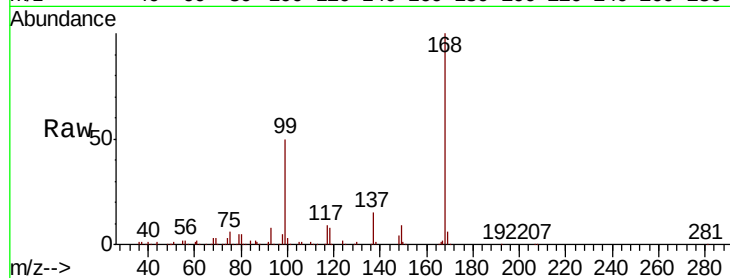
RPC-WALL-N

Tot Ion:168 Resp: 706925

Ion Ratio Lower Upper

168 100

99 49.6 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

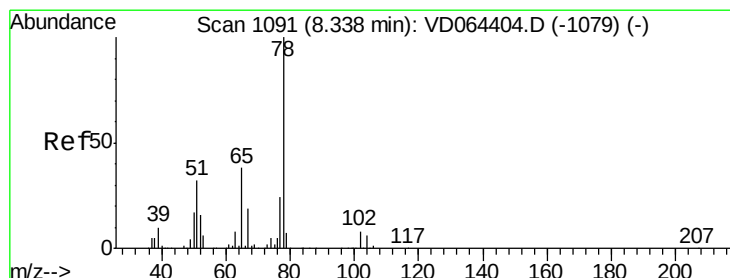
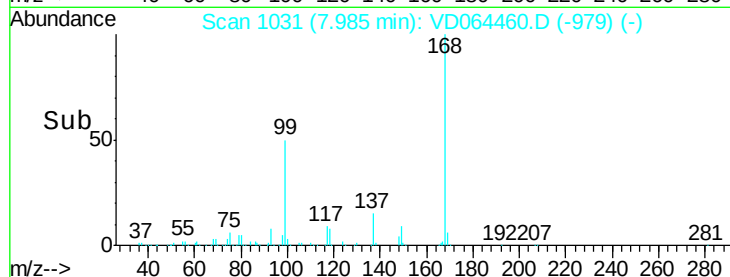
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.291 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064460.D

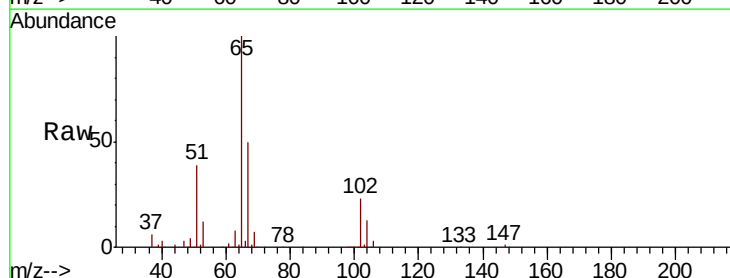
Acq: 06 Dec 2019 15:56

Tgt Ion: 65 Resp: 264212

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

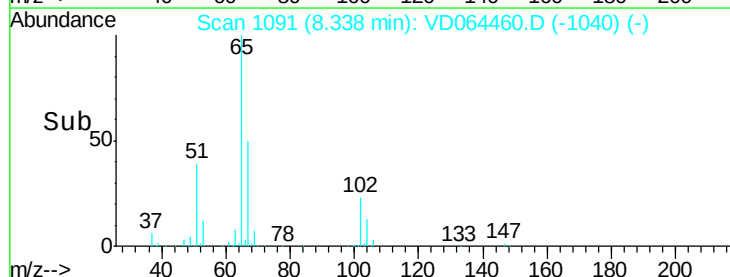
8.34

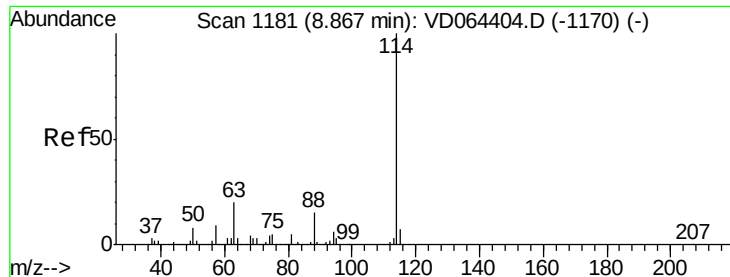
100000

50000

0

Time-->

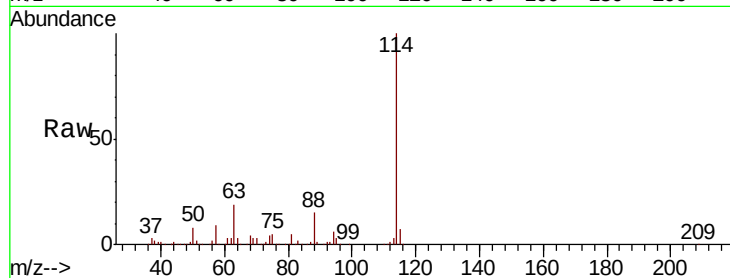




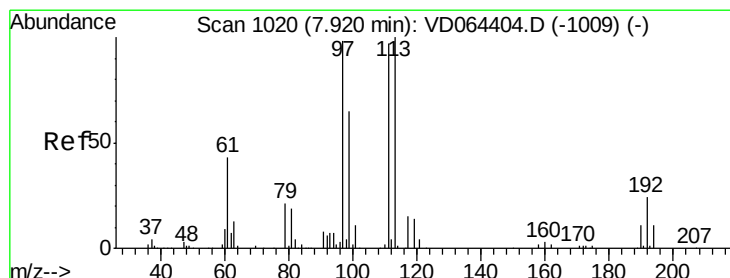
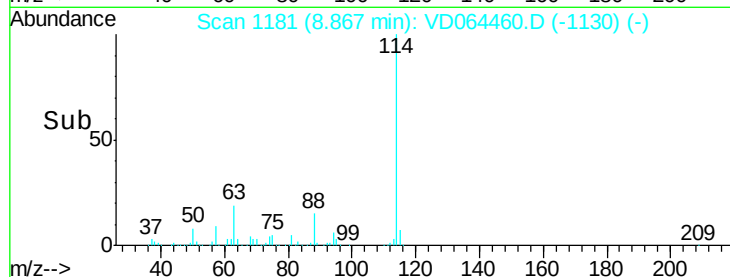
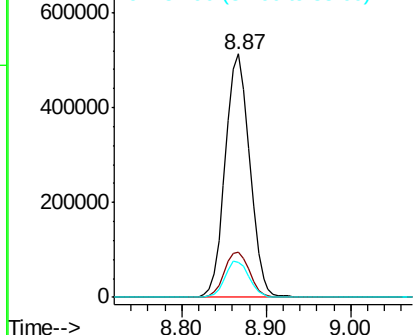
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Instrument :
MSVOA_D
ClientSampleId :
RPC-WALL-N

Tot Ion:114 Resp: 1029000
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 14.5 0.0 29.2

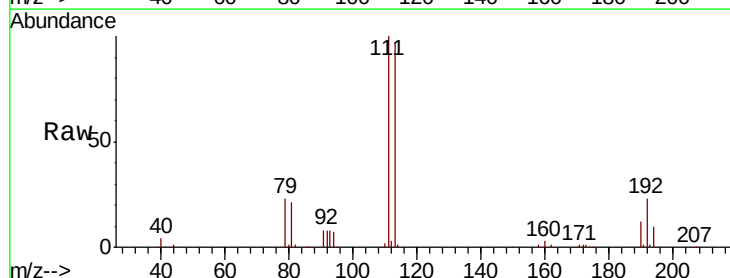


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

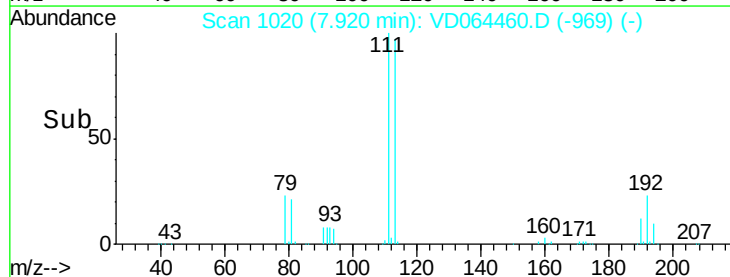
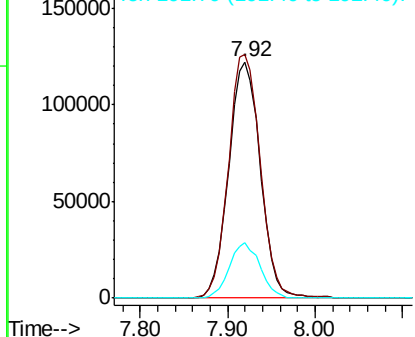


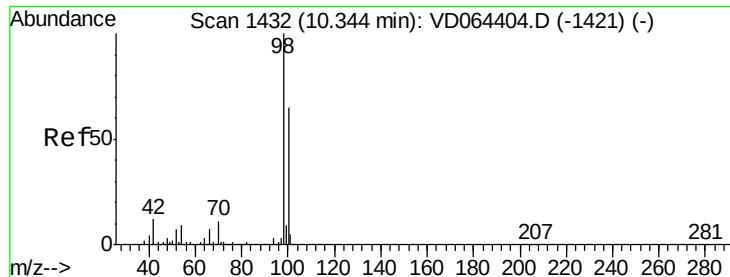
#35
Dibromofluoromethane
Concen: 46.163 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Tgt Ion:113 Resp: 299285
Ion Ratio Lower Upper
113 100
111 103.8 79.4 119.2
192 22.8 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

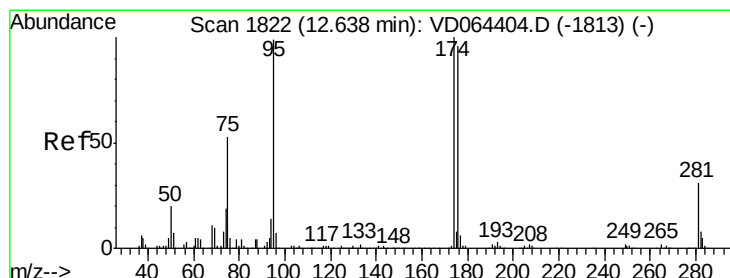
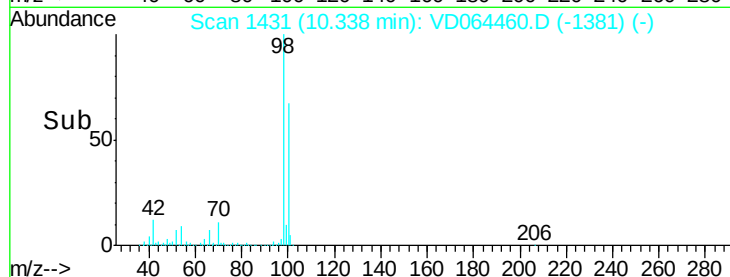
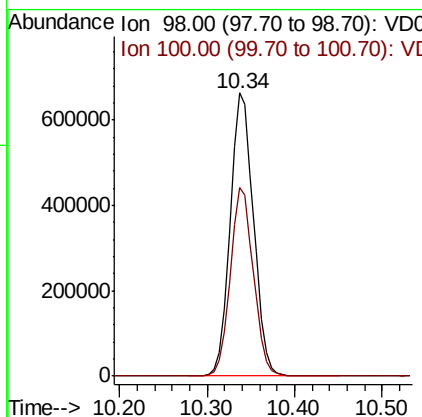
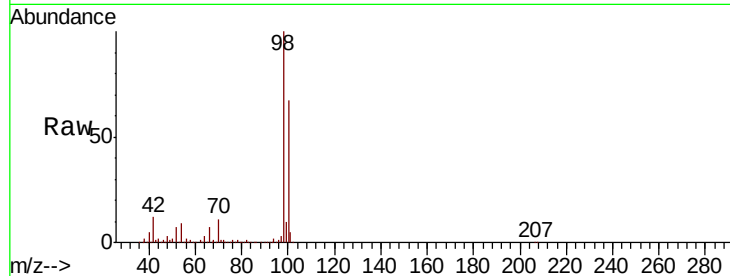




#50
Toluene-d8
Concen: 49.239 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

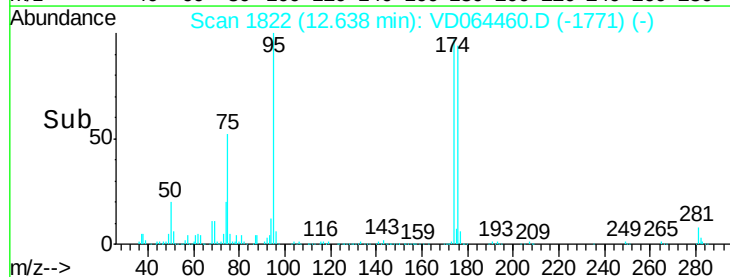
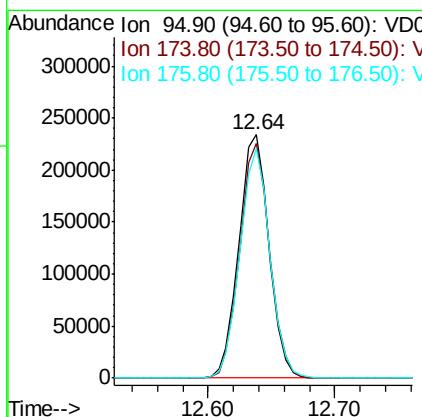
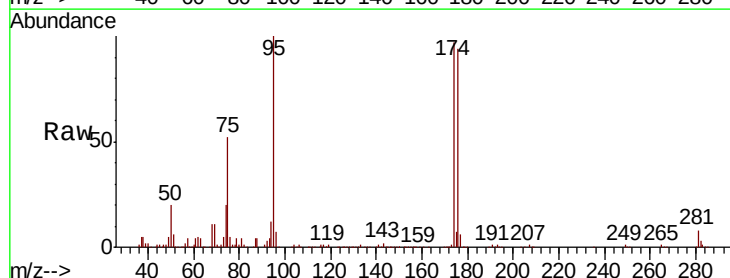
Instrument :
MSVOA_D
ClientSampleId :
RPC-WALL-N

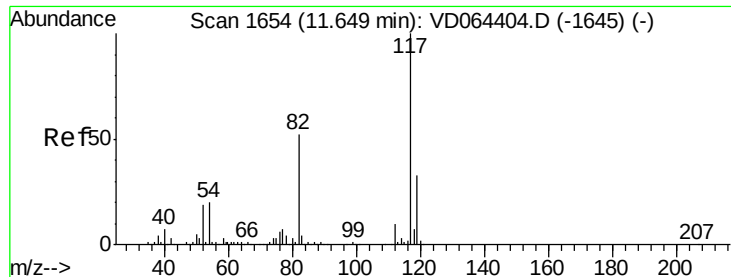
Tot Ion: 98 Resp: 1202503
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 49.052 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Tgt Ion: 95 Resp: 384984
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.2
176 93.9 0.0 189.6

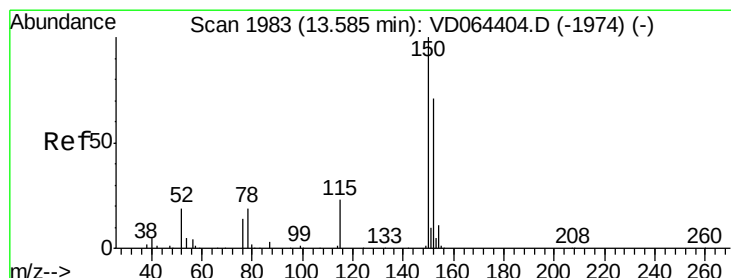
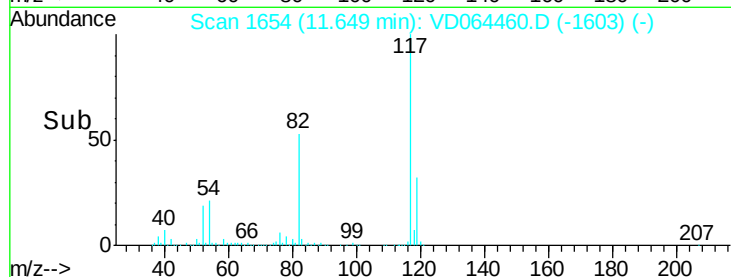
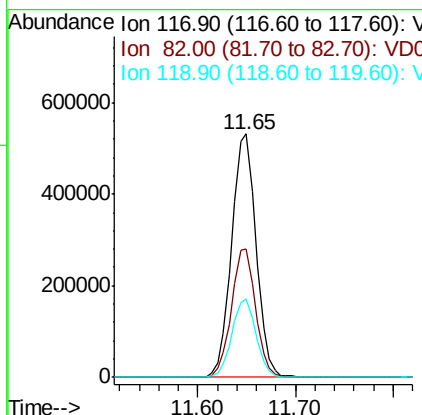
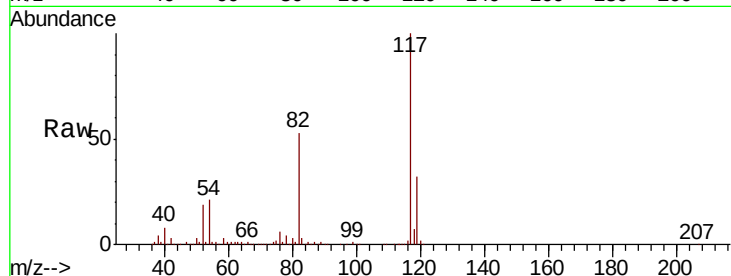




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Instrument :
MSVOA_D
ClientSampleId :
RPC-WALL-N

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.4	62.2
119	32.5	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.7	80.1
150	157.3	0.0	347.2

