

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064465.D
 Acq On : 06 Dec 2019 18:20
 Operator : VA/SY
 Sample : K6187-07
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-WALL-W

Quant Time: Dec 06 23:43:27 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	263898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	402665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	397254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	198127	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	146409	61.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.58%	
35) Dibromofluoromethane	7.92	113	130050	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.34	98	473187	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.64	95	171282	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.54%	

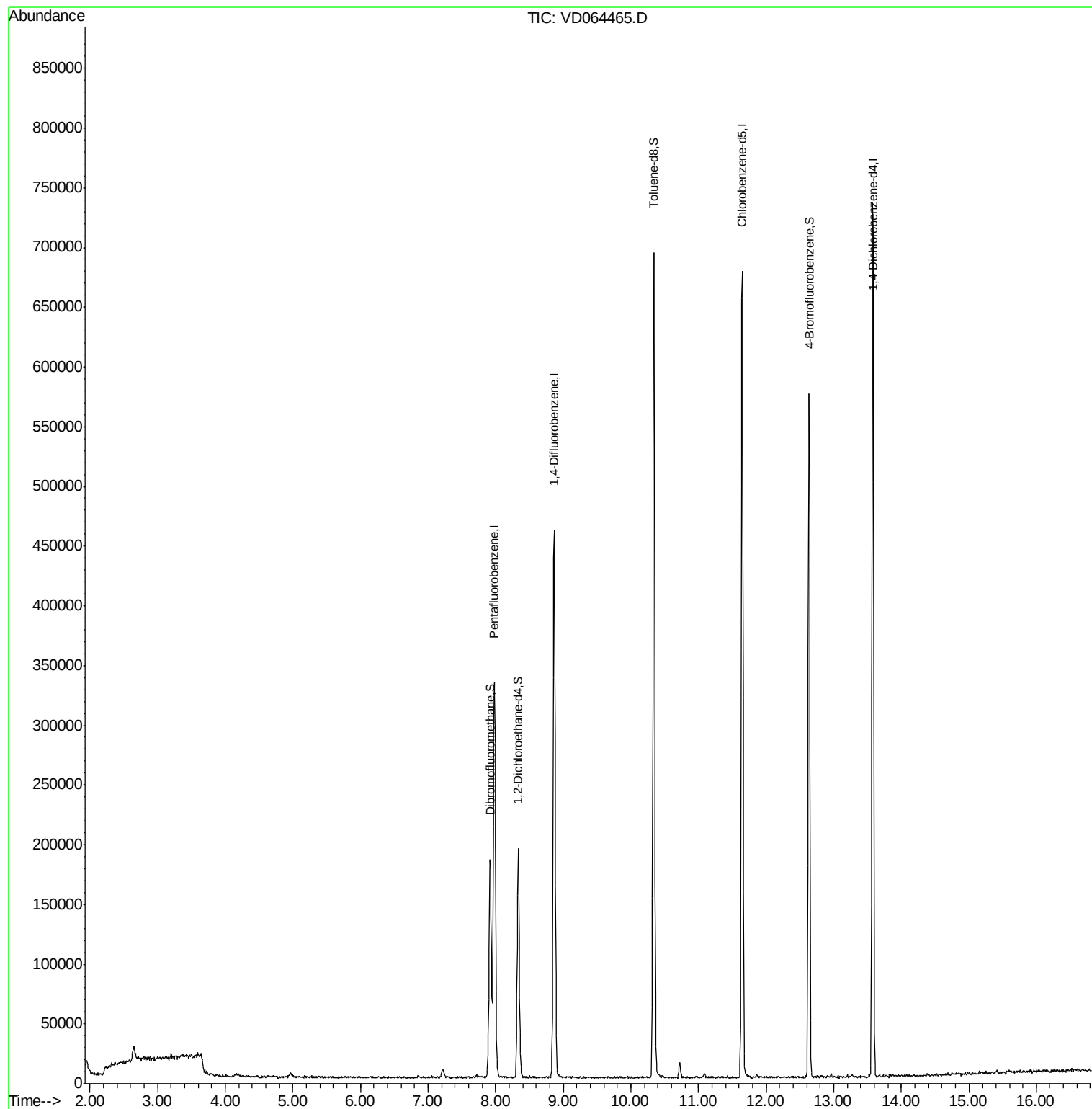
Target Compounds	Qvalue
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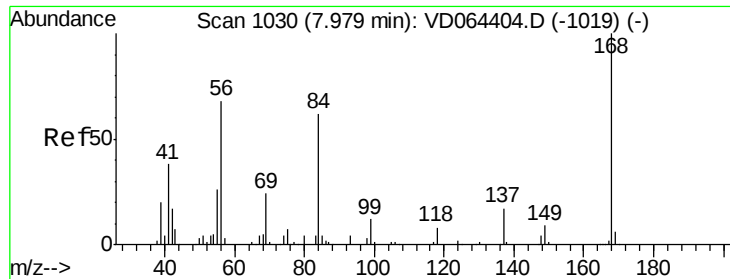
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064465.D

Acq: 06 Dec 2019 18:20

Instrument :

MSVOA_D

ClientSampleId :

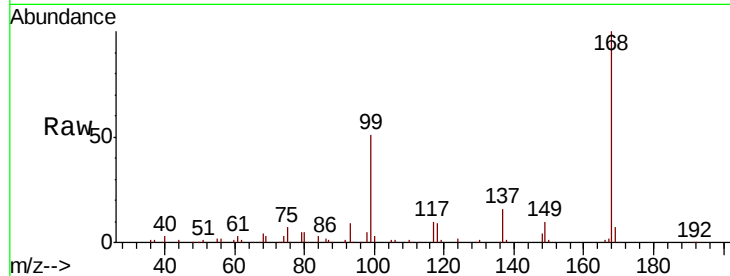
RPC-WALL-W

Tot Ion:168 Resp: 263898

Ion Ratio Lower Upper

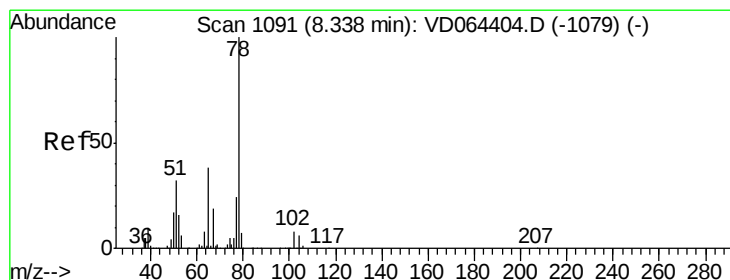
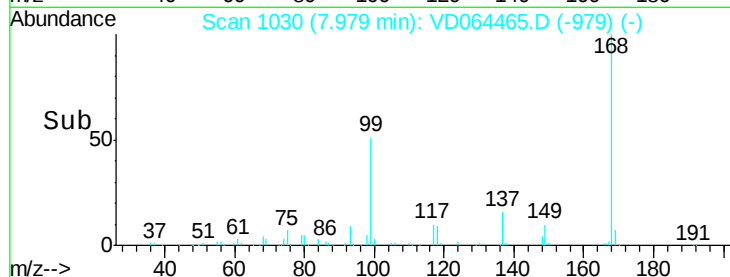
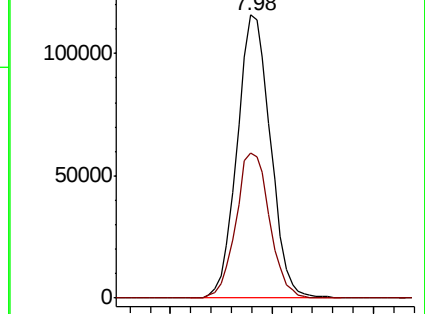
168 100

99 51.2 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: 61.293 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064465.D

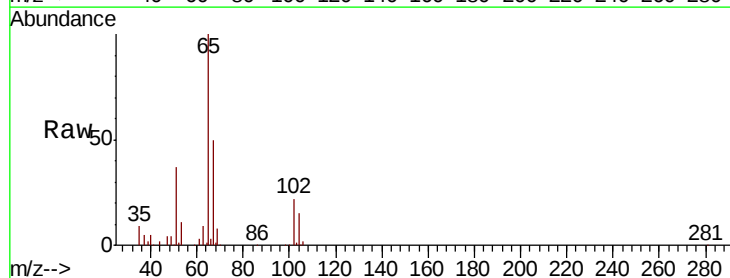
Acq: 06 Dec 2019 18:20

Tgt Ion: 65 Resp: 146409

Ion Ratio Lower Upper

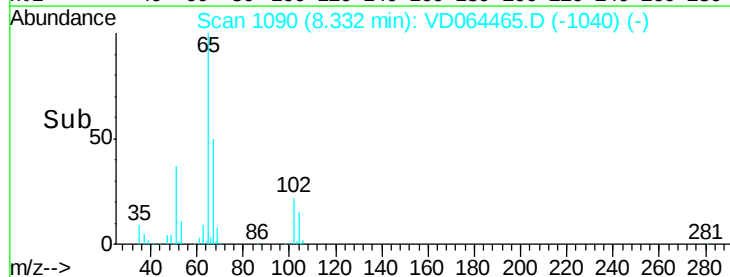
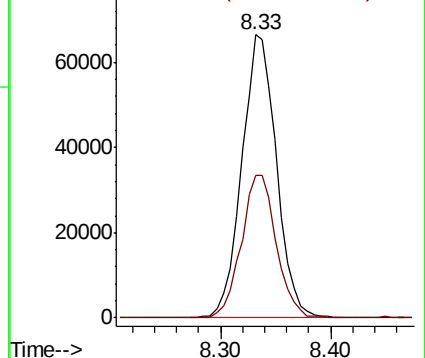
65 100

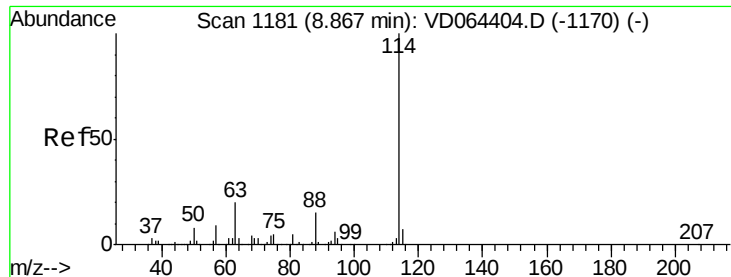
67 50.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

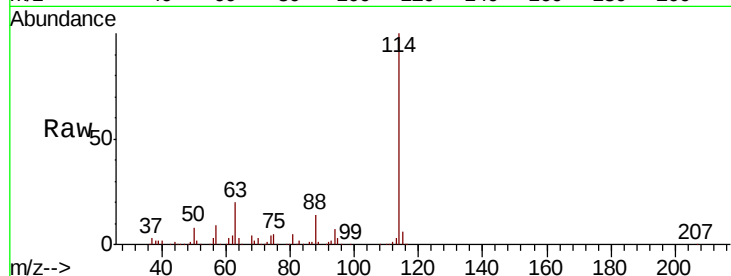




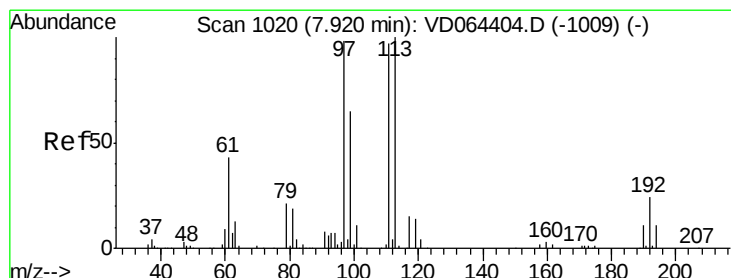
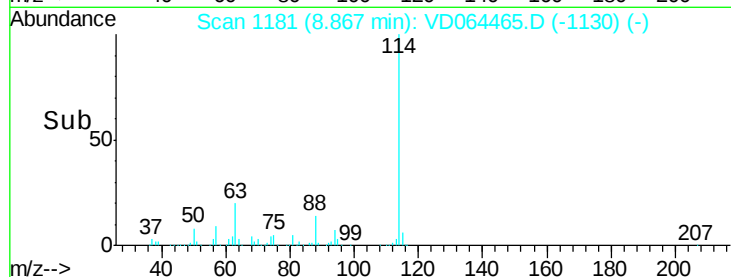
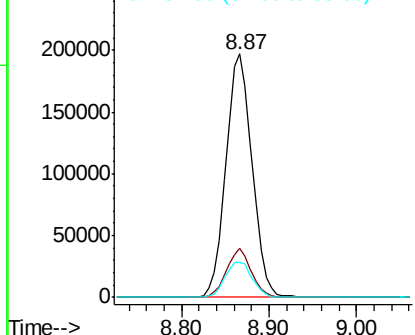
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064465.D
 Acq: 06 Dec 2019 18:20

Instrument :
 MSVOA_D
 ClientSampleId :
 RPC-WALL-W

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	14.5	0.0	29.2

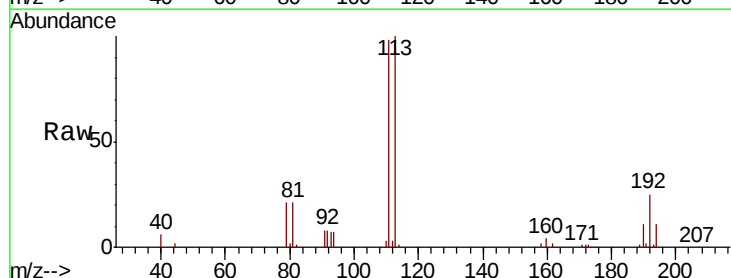


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

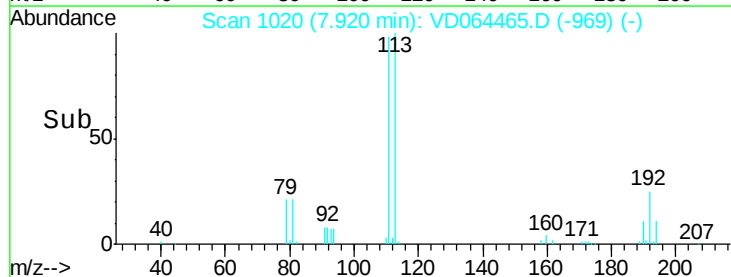
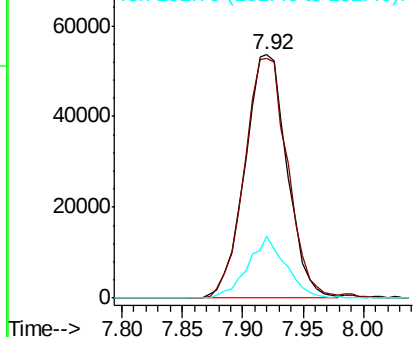


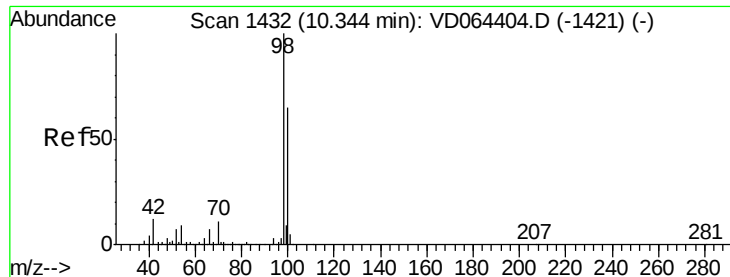
#35
 Dibromofluoromethane
 Concen: 51.261 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064465.D
 Acq: 06 Dec 2019 18:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	79.4	119.2
192	22.5	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: 49.514 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064465.D

Acq: 06 Dec 2019 18:20

Instrument :

MSVOA_D

ClientSampleId :

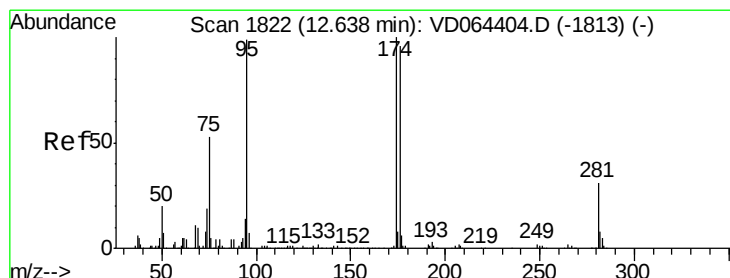
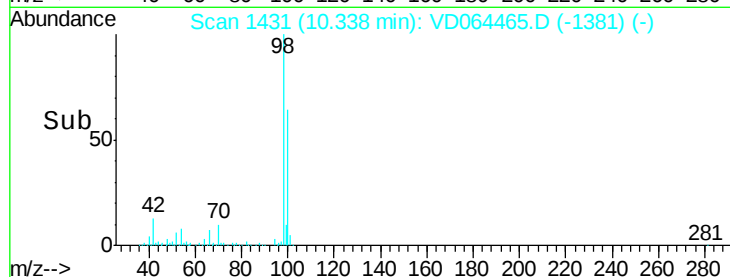
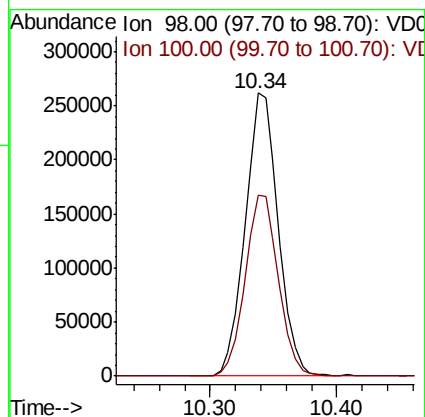
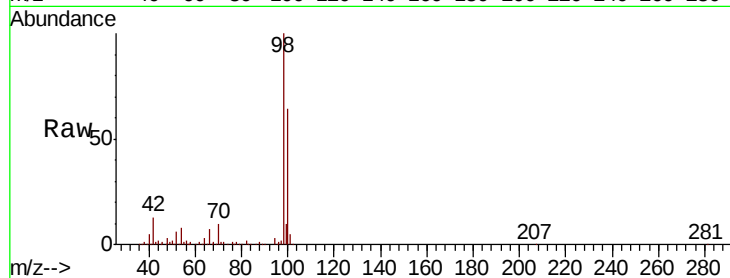
RPC-WALL-W

Tot Ion: 98 Resp: 473187

Ion Ratio Lower Upper

98 100

100 64.7 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 55.770 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064465.D

Acq: 06 Dec 2019 18:20

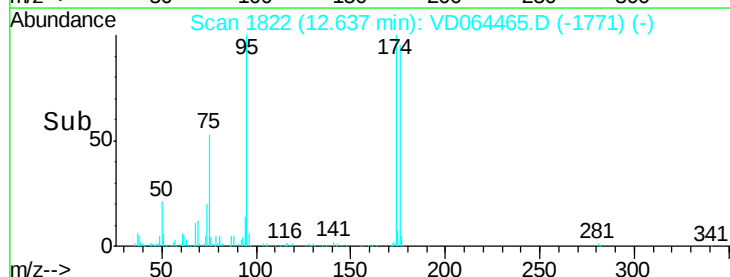
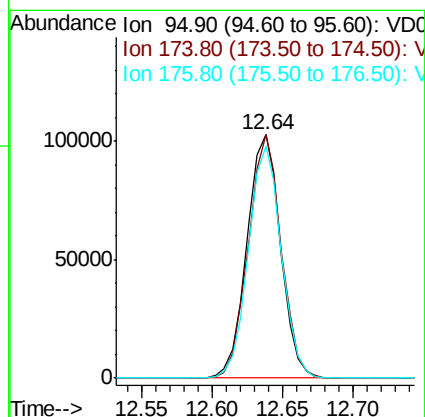
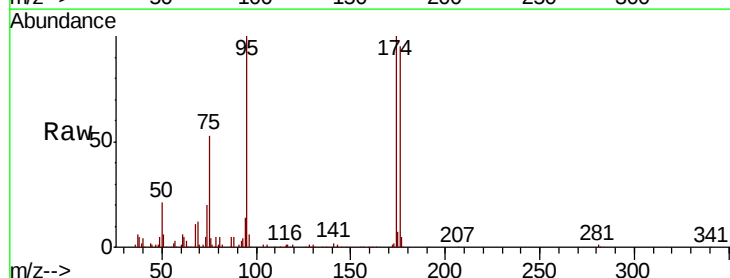
Tgt Ion: 95 Resp: 171282

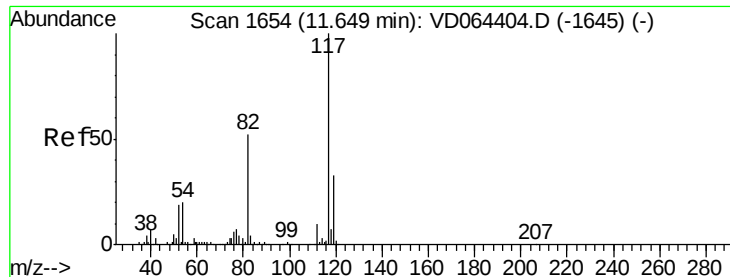
Ion Ratio Lower Upper

95 100

174 98.0 0.0 197.2

176 93.8 0.0 189.6

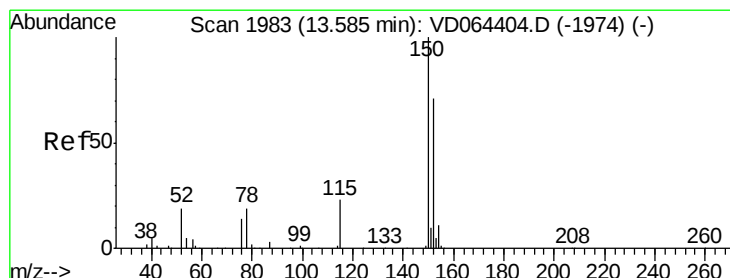
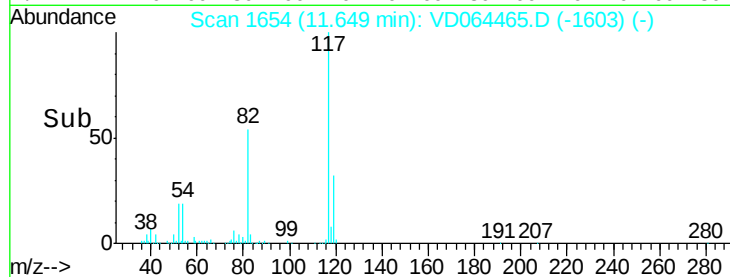
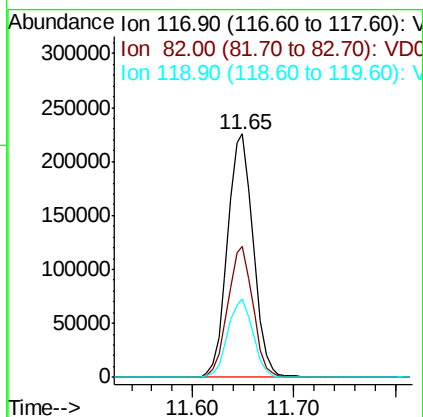
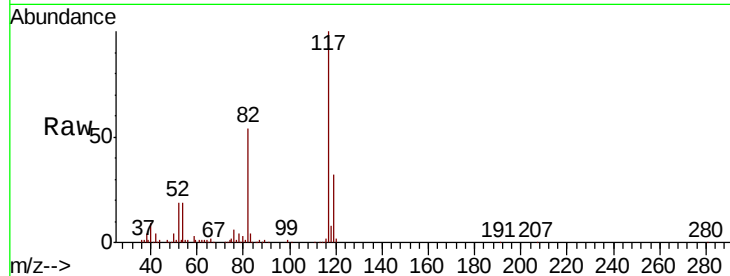




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064465.D
Acq: 06 Dec 2019 18:20

Instrument :
MSVOA_D
ClientSampleId :
RPC-WALL-W

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.4	62.2
119	32.3	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: VD064465.D
Acq: 06 Dec 2019 18:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	26.7	80.1
150	158.9	0.0	347.2

