

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064010.D
 Acq On : 18 Oct 2019 14:54
 Operator : VA/SY
 Sample : K5453-01
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT1496

Quant Time: Oct 19 02:52:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	112176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	216846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	225865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	75234	68.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.78%	
35) Dibromofluoromethane	7.92	113	69860	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	10.34	98	298839	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
62) 4-Bromofluorobenzene	12.64	95	92649	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

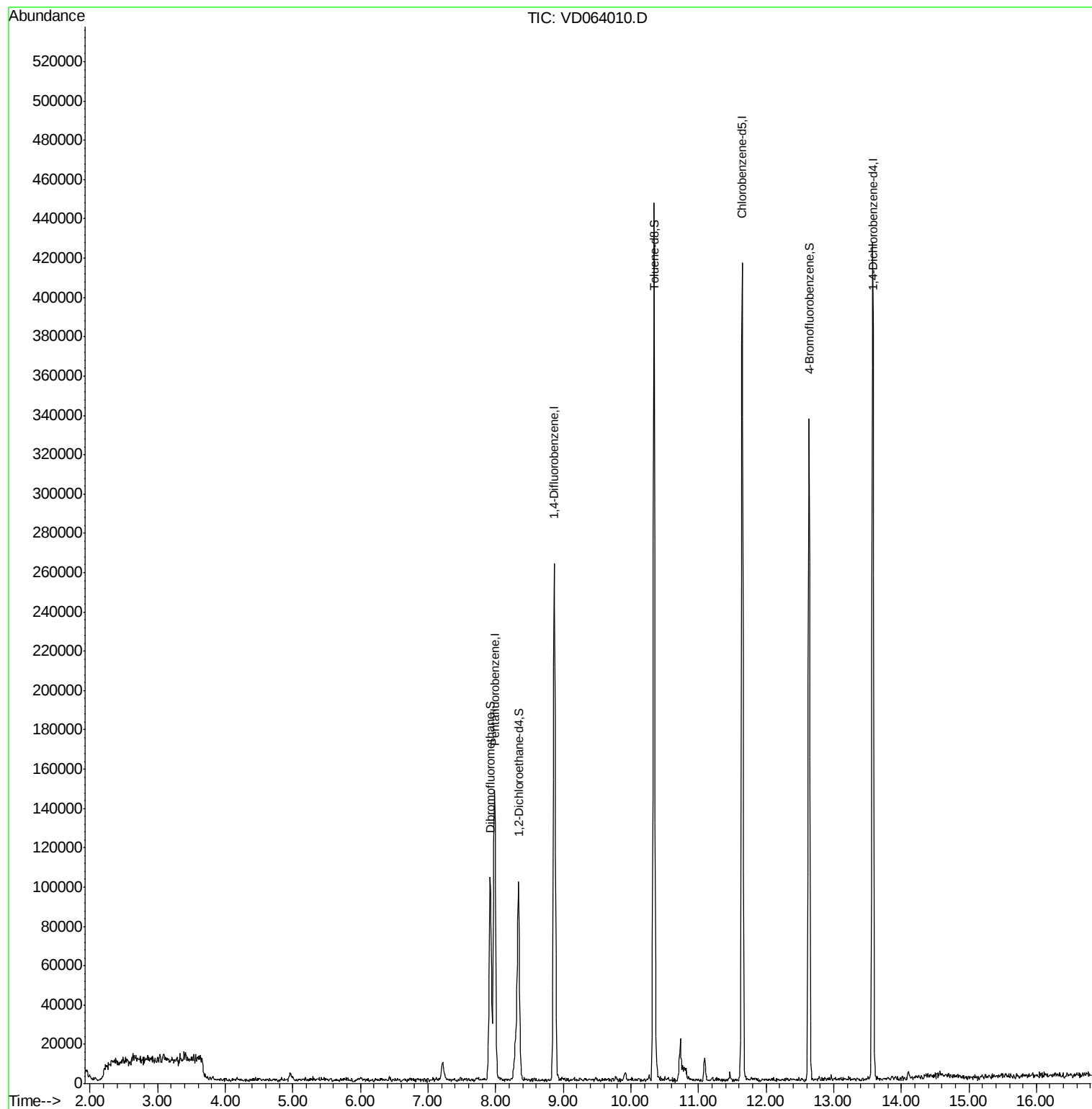
Target Compounds	Qvalue

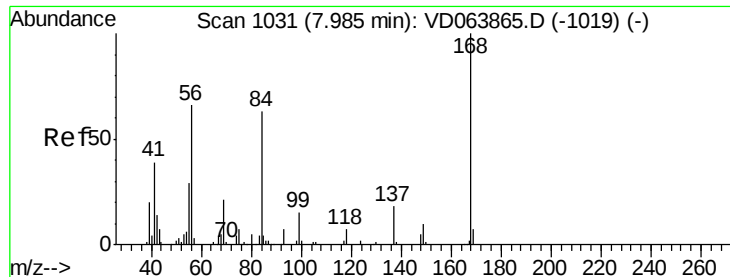
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064010.D

Acq: 18 Oct 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

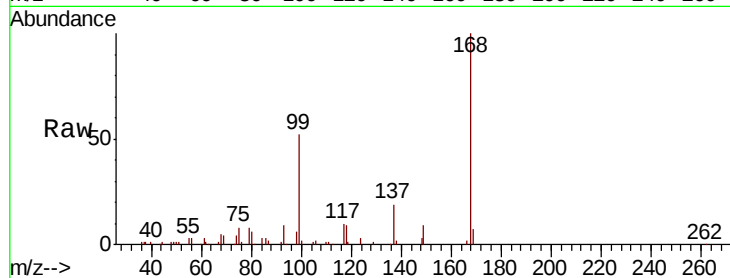
RT1496

Tot Ion:168 Resp: 112176

Ion Ratio Lower Upper

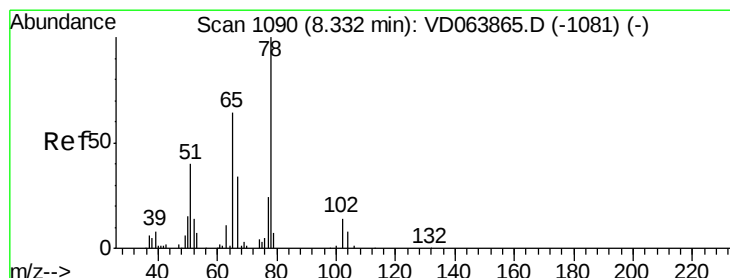
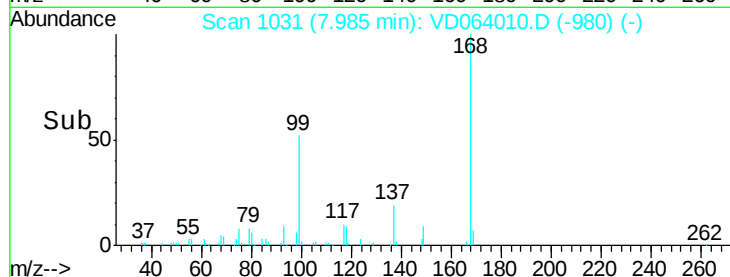
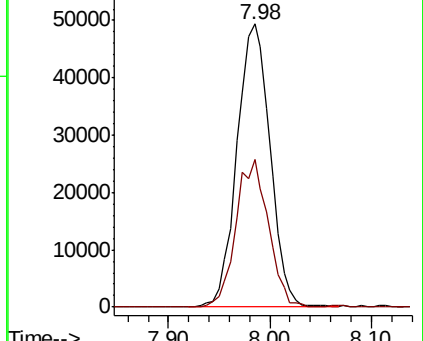
168 100

99 52.2 43.0 64.4



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: 68.888 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064010.D

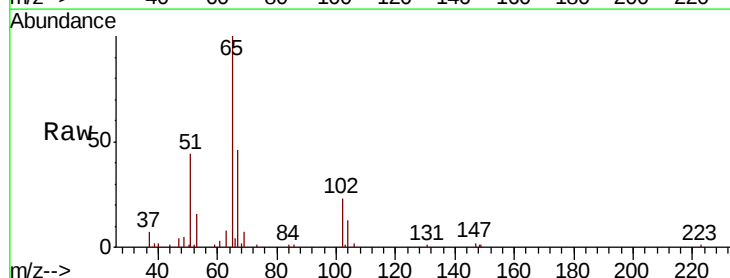
Acq: 18 Oct 2019 14:54

Tgt Ion: 65 Resp: 75234

Ion Ratio Lower Upper

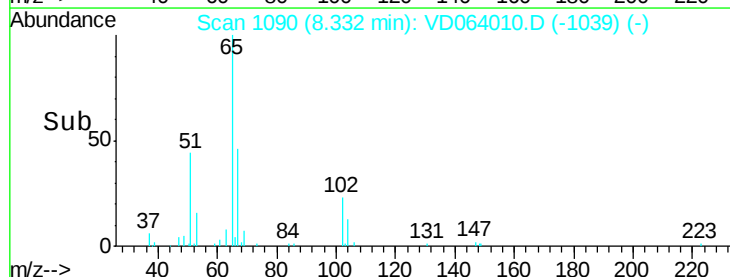
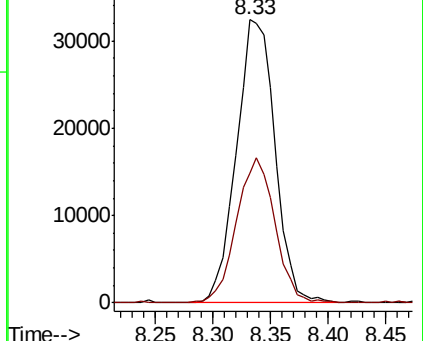
65 100

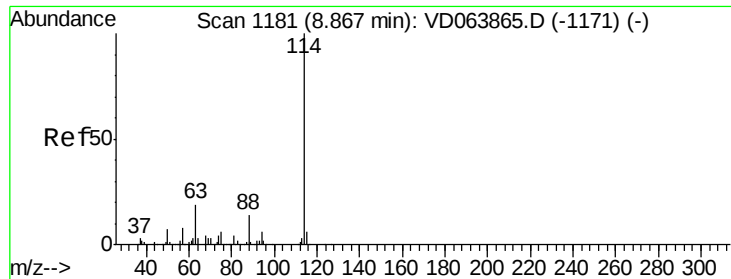
67 51.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

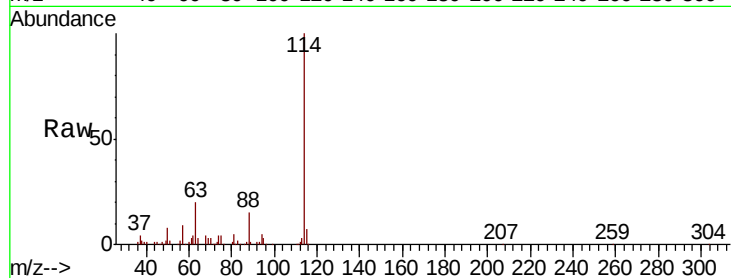




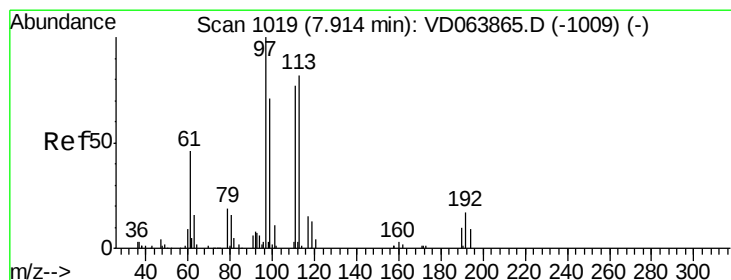
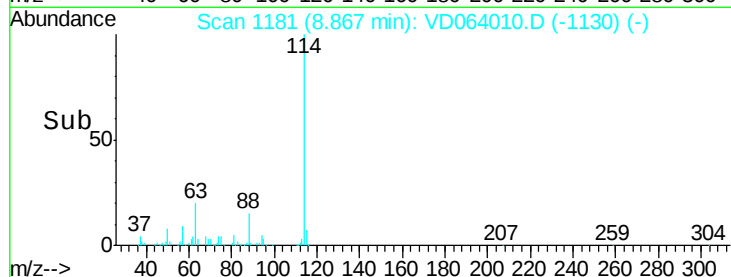
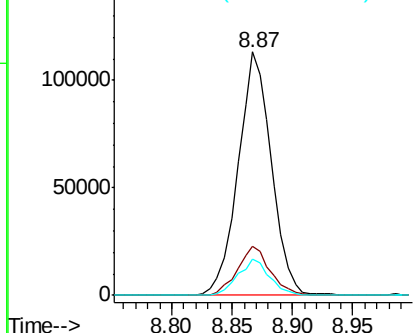
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064010.D
 Acq: 18 Oct 2019 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 RT1496

Tot Ion:114	Resp:	216846
Ion	Ratio	Lower Upper
114	100	
63	20.3	0.0 38.4
88	14.9	0.0 27.4

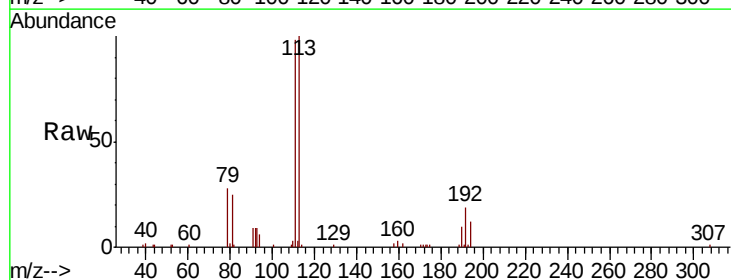


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

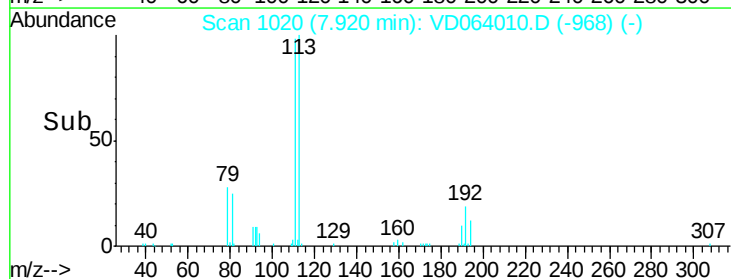
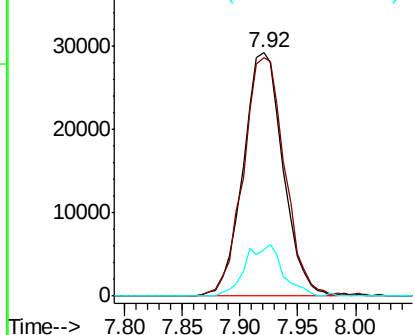


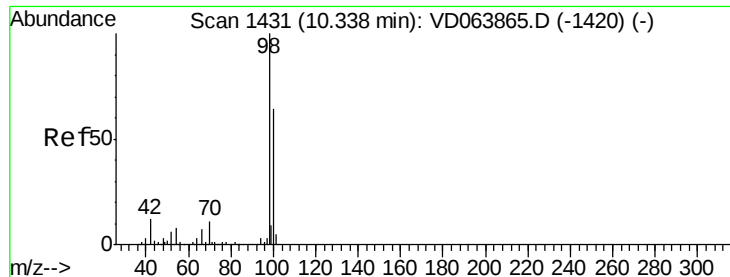
#35
 Dibromofluoromethane
 Concen: 52.716 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064010.D
 Acq: 18 Oct 2019 14:54

Tgt Ion:113	Resp:	69860
Ion	Ratio	Lower Upper
113	100	
111	102.1	82.6 123.8
192	20.0	17.1 25.7



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: 55.558 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064010.D

Acq: 18 Oct 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

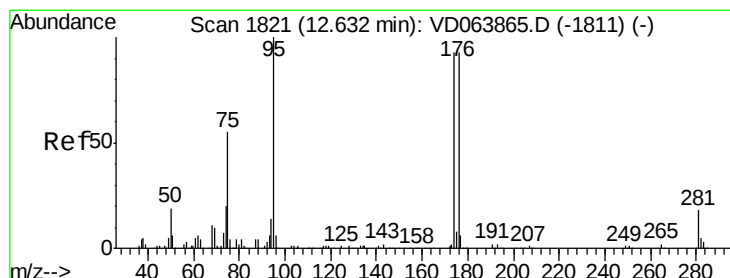
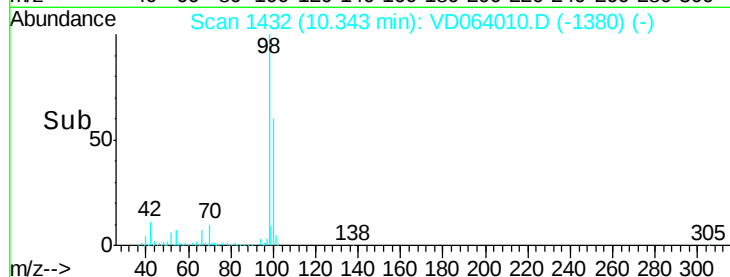
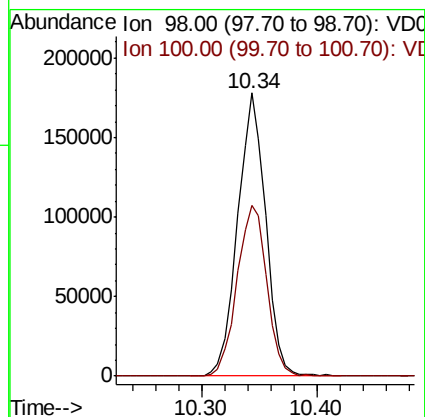
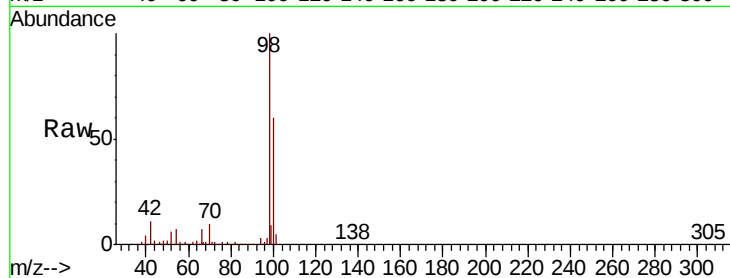
RT1496

Tot Ion: 98 Resp: 298839

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 49.568 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064010.D

Acq: 18 Oct 2019 14:54

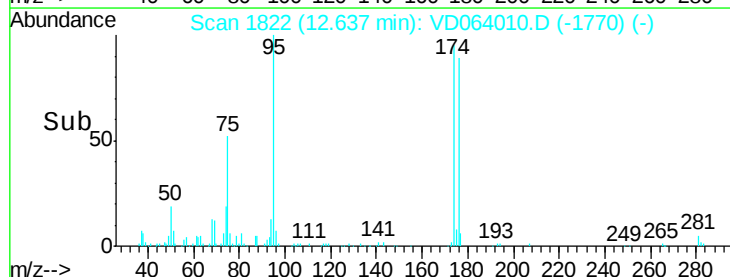
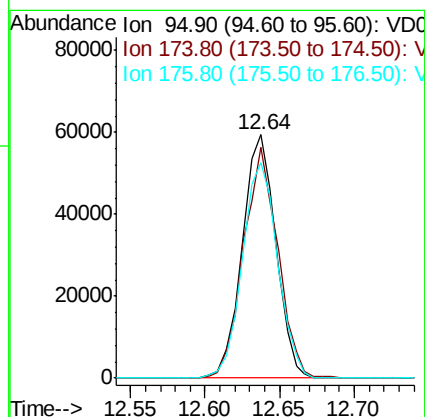
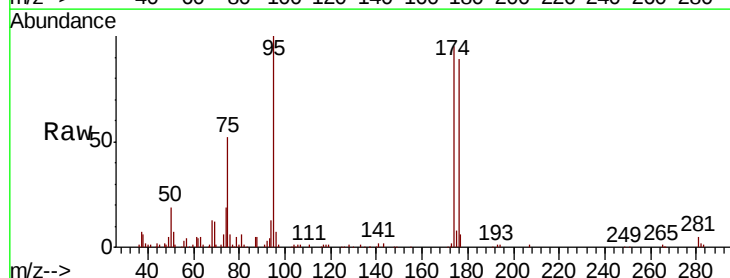
Tgt Ion: 95 Resp: 92649

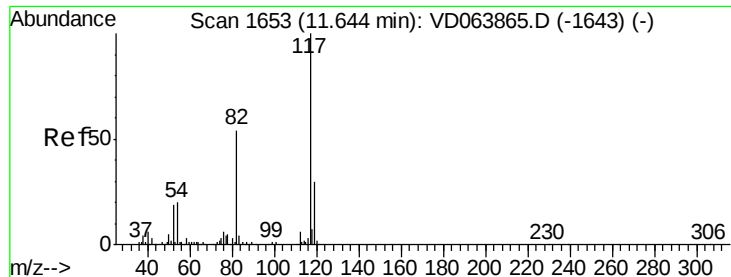
Ion Ratio Lower Upper

95 100

174 96.9 0.0 186.4

176 93.0 0.0 184.2

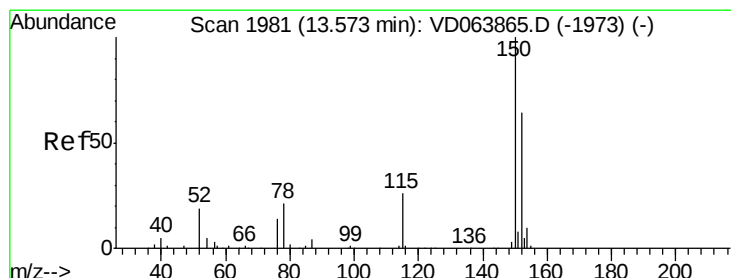
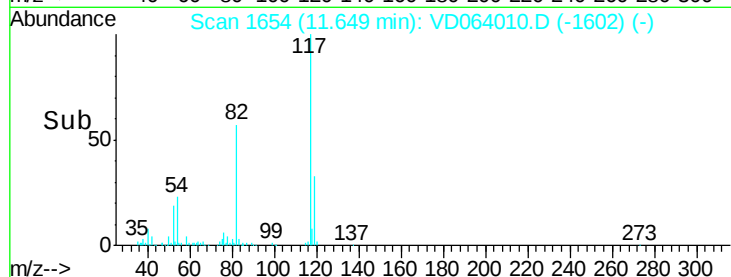
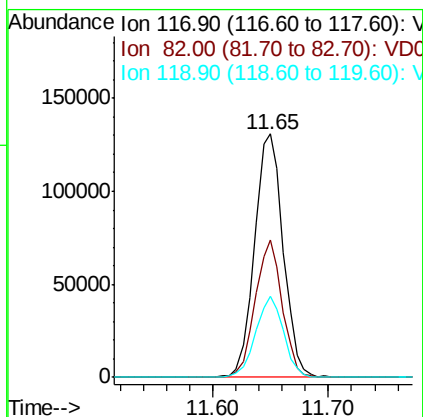
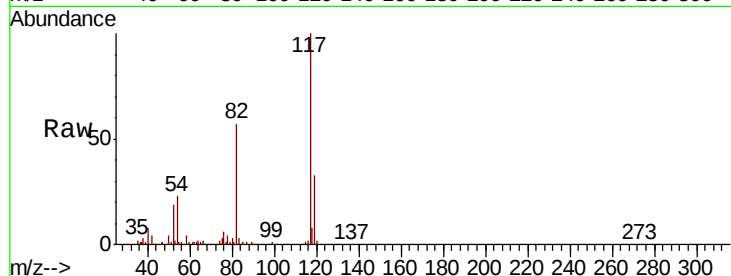




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :
RT1496

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	42.8	64.2
119	33.4	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	25.9	77.7
150	155.8	0.0	344.2

