

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064035.D
 Acq On : 23 Oct 2019 21:58
 Operator : VA/SY
 Sample : K5501-06
 Misc : 6.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 186-72-(2.2)

Quant Time: Oct 24 07:05:03 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	128280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	247431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	269898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	123285	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	76256	61.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.12%	
35) Dibromofluoromethane	7.92	113	77677	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	10.34	98	346103	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	
62) 4-Bromofluorobenzene	12.64	95	100036	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

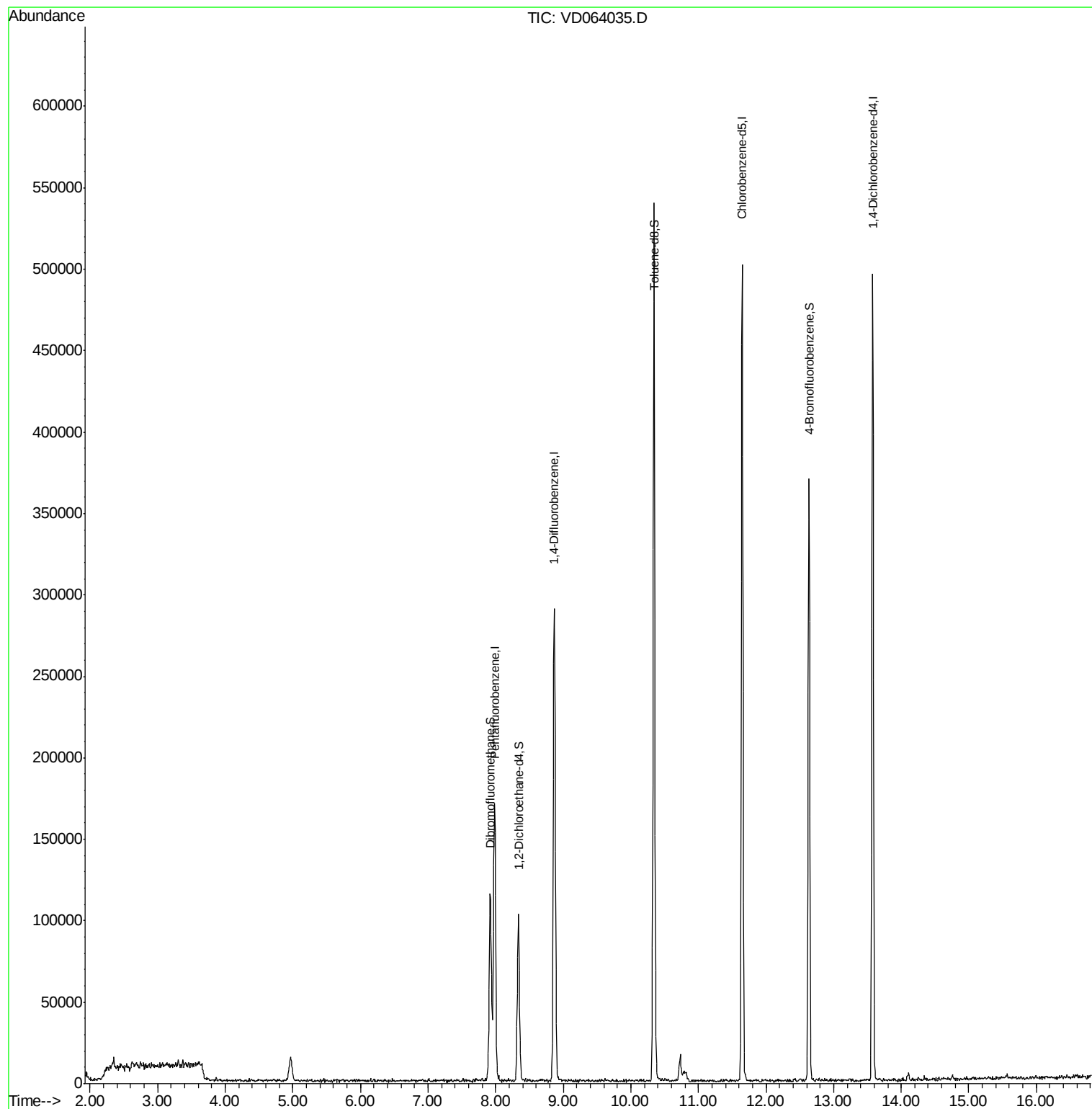
Target Compounds	Qvalue

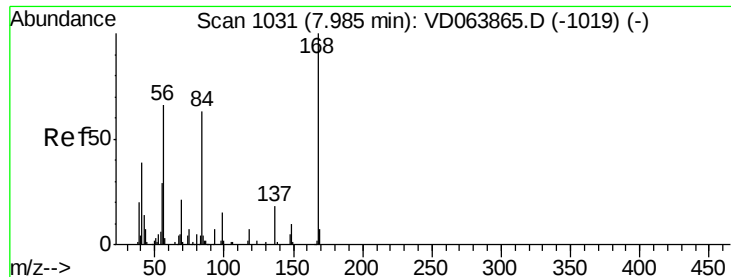
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064035.D

Acq: 23 Oct 2019 21:58

Instrument :

MSVOA_D

ClientSampleId :

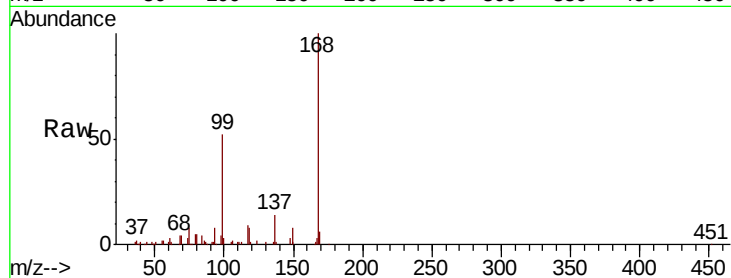
186-72-(2.2)

Tot Ion:168 Resp: 128280

Ion Ratio Lower Upper

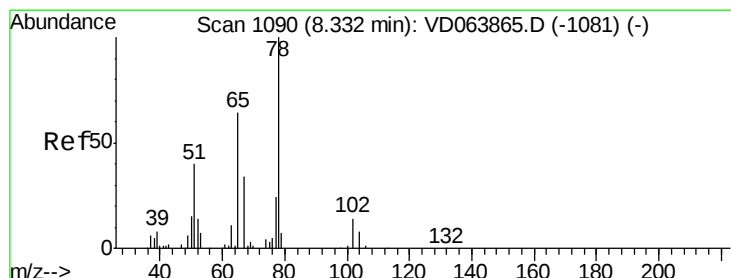
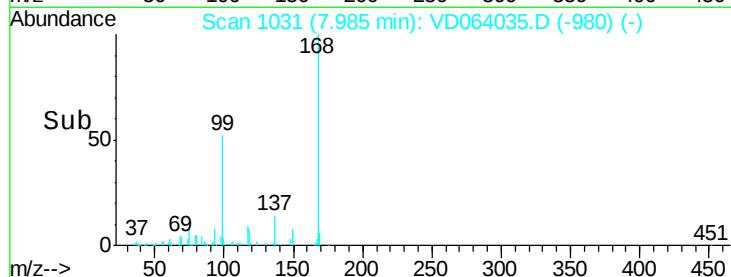
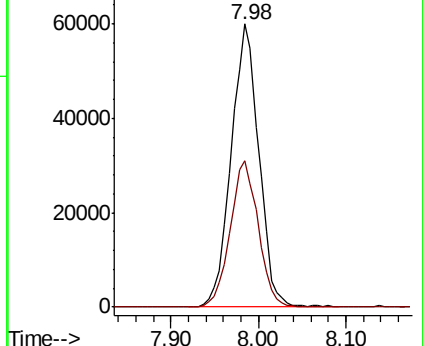
168 100

99 51.6 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: 61.058 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064035.D

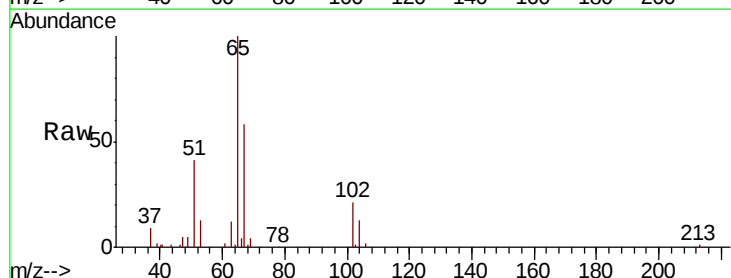
Acq: 23 Oct 2019 21:58

Tgt Ion: 65 Resp: 76256

Ion Ratio Lower Upper

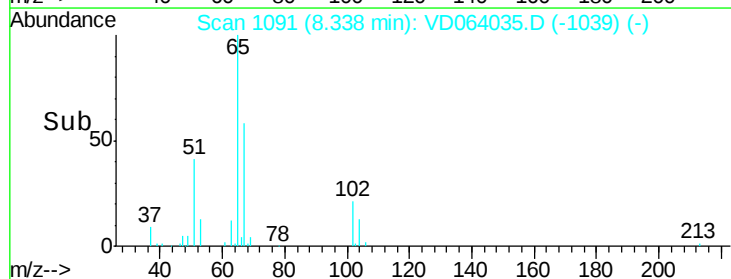
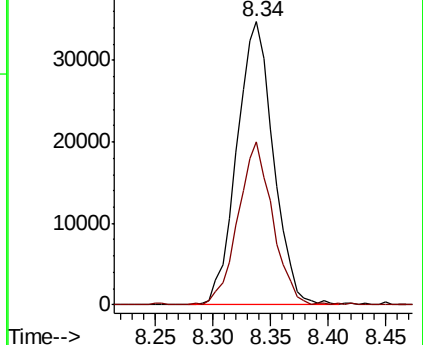
65 100

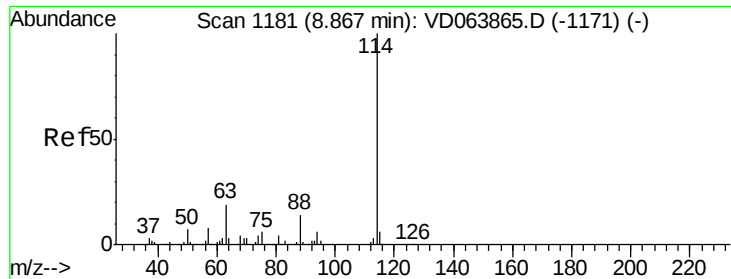
67 54.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

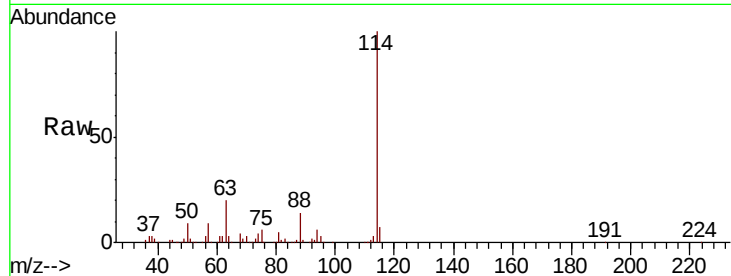




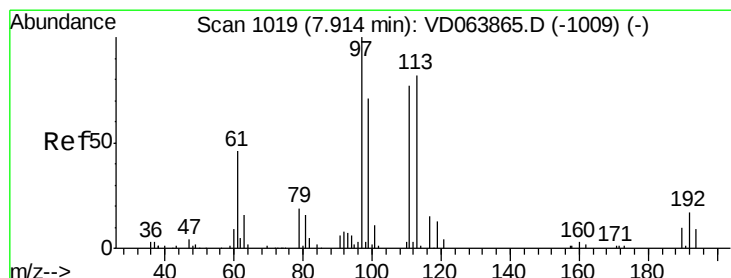
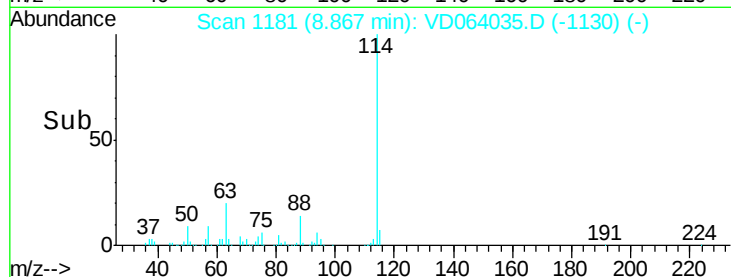
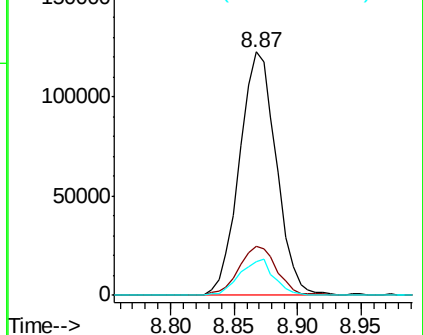
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064035.D
 Acq: 23 Oct 2019 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 186-72-(2.2)

Tot Ion:114 Resp: 247431
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.4
 88 14.1 0.0 27.4

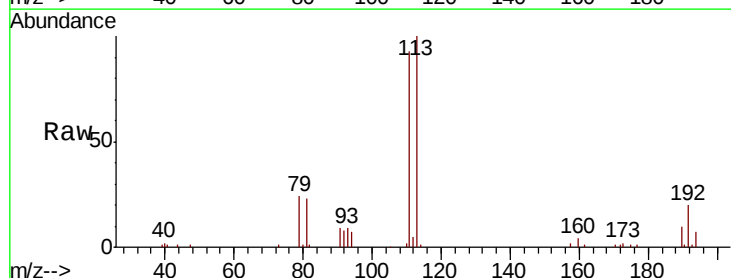


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

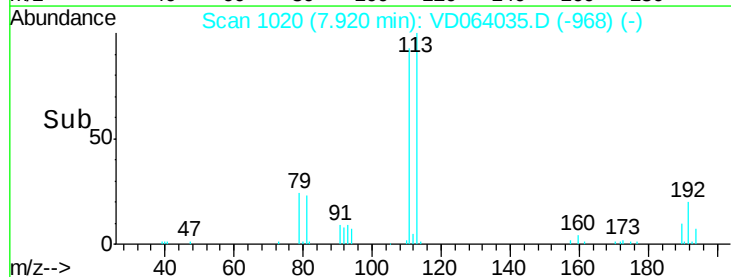
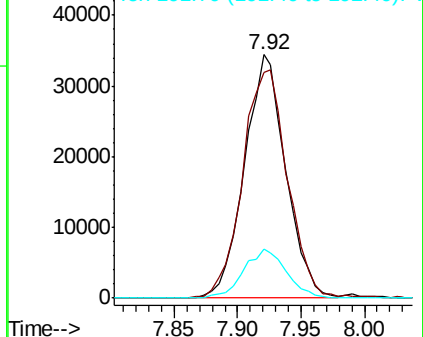


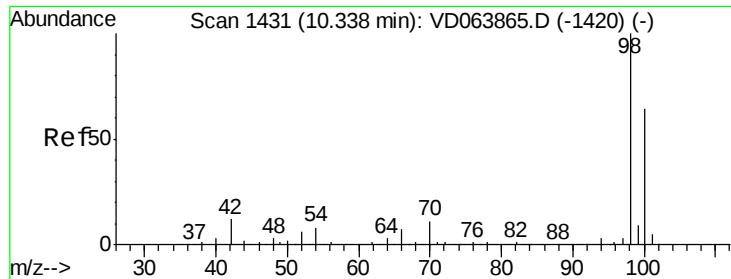
#35
 Dibromofluoromethane
 Concen: 51.369 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064035.D
 Acq: 23 Oct 2019 21:58

Tgt Ion:113 Resp: 77677
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 123.8
 192 20.6 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

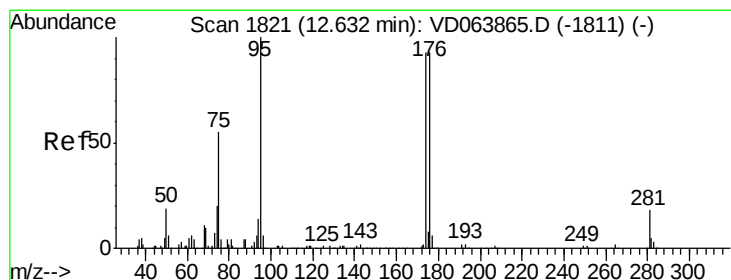
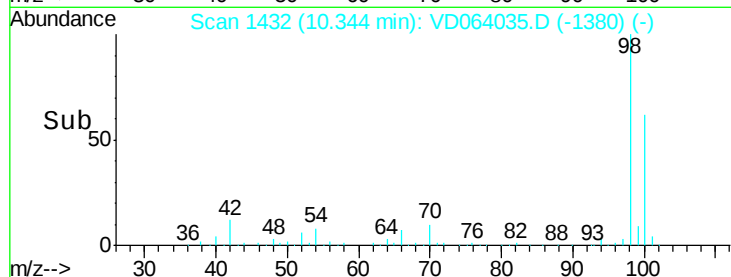
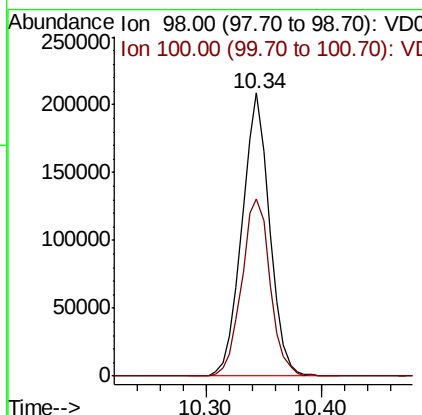
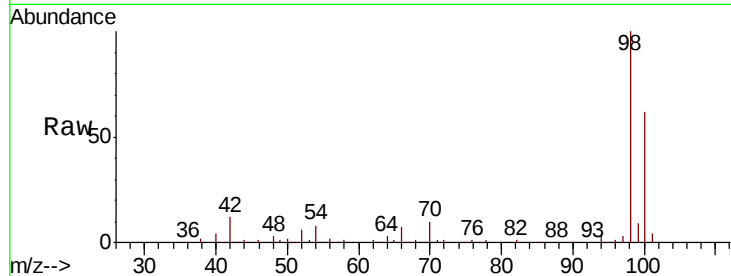




#50
Toluene-d8
Concen: 56.392 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064035.D
Acq: 23 Oct 2019 21:58

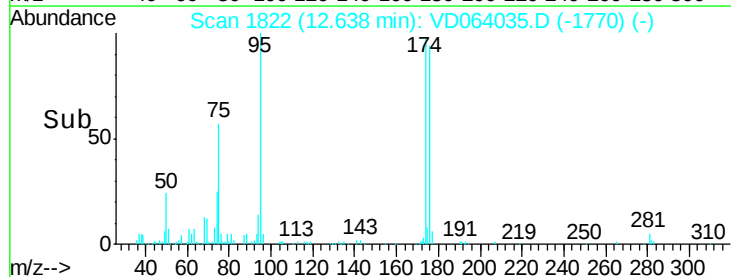
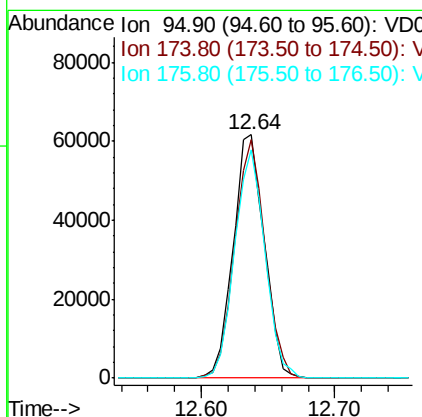
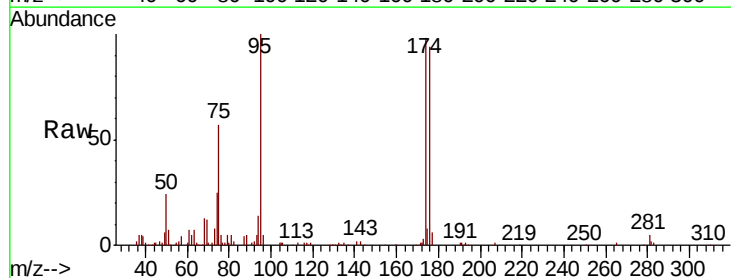
Instrument :
MSVOA_D
ClientSampleId :
186-72-(2.2)

Tot Ion: 98 Resp: 346103
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.904 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064035.D
Acq: 23 Oct 2019 21:58

Tgt Ion: 95 Resp: 100036
Ion Ratio Lower Upper
95 100
174 95.6 0.0 186.4
176 91.3 0.0 184.2

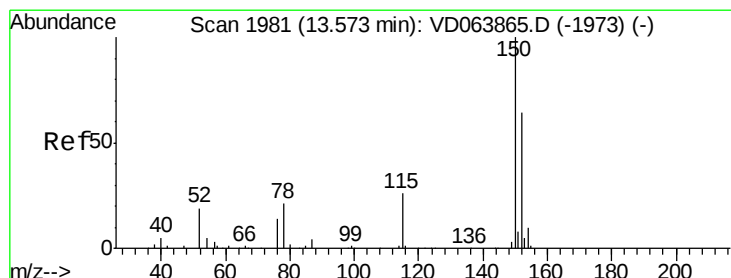
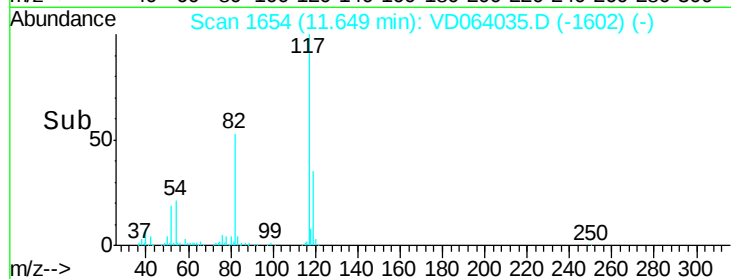
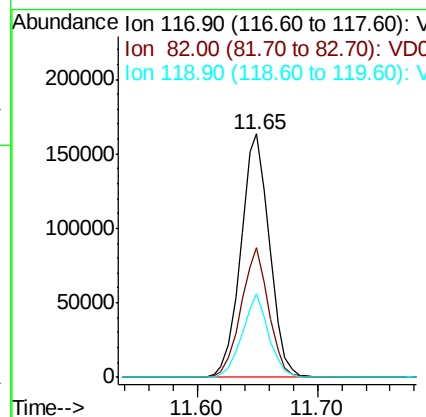
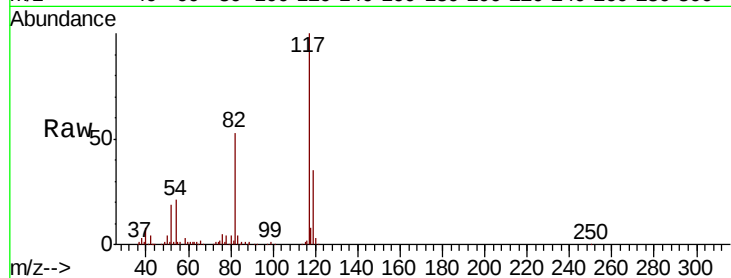




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064035.D
Acq: 23 Oct 2019 21:58

Instrument :
MSVOA_D
ClientSampleId :
186-72-(2.2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.8	64.2
119	34.5	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: VD064035.D
Acq: 23 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	25.9	77.7
150	159.8	0.0	344.2

