

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064007.D
 Acq On : 18 Oct 2019 13:29
 Operator : VA/SY
 Sample : K5420-11
 Misc : 5.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Oct 19 02:48:04 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	178455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	333309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	328028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156759	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	98041	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
35) Dibromofluoromethane	7.92	113	101105	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	10.34	98	435777	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.64	95	136000	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

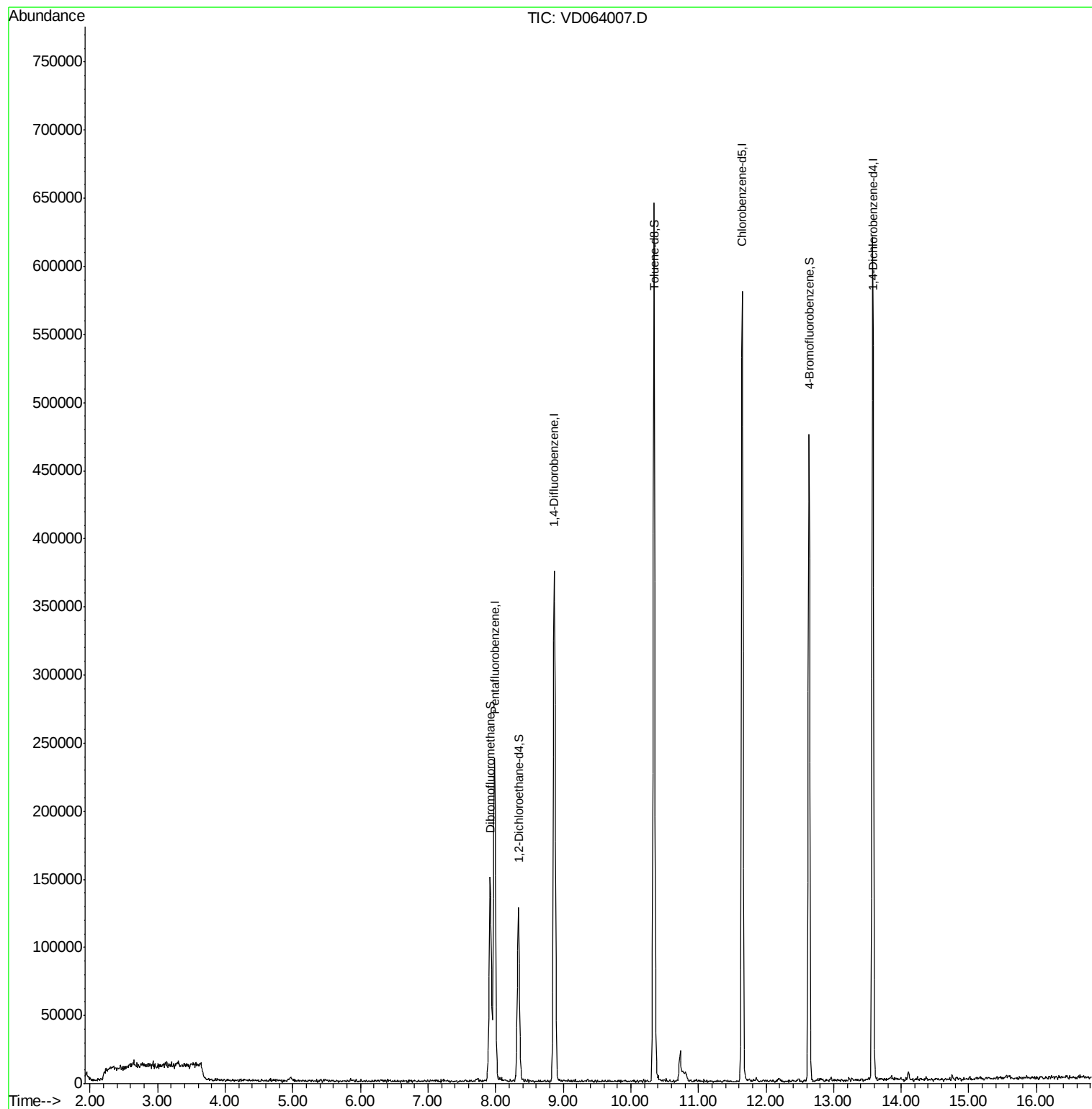
Target Compounds	Qvalue

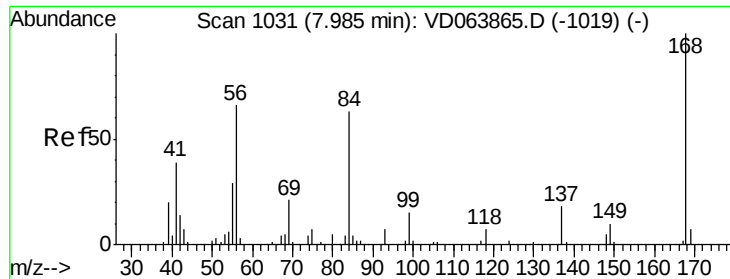
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064007.D

Acq: 18 Oct 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

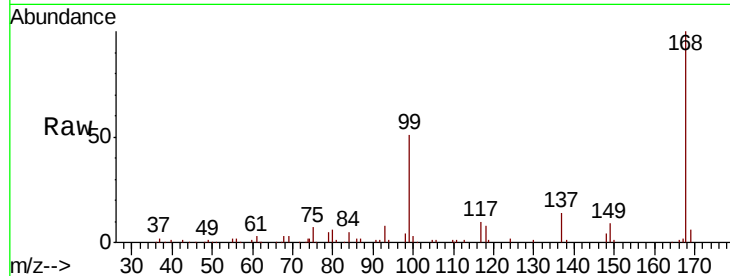
TP-6

Tot Ion:168 Resp: 178455

Ion Ratio Lower Upper

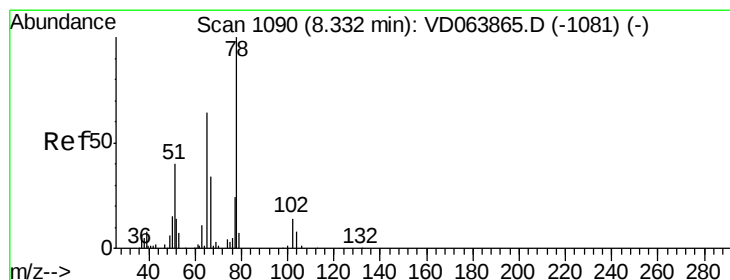
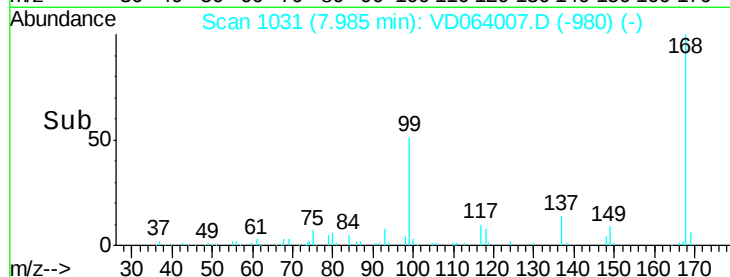
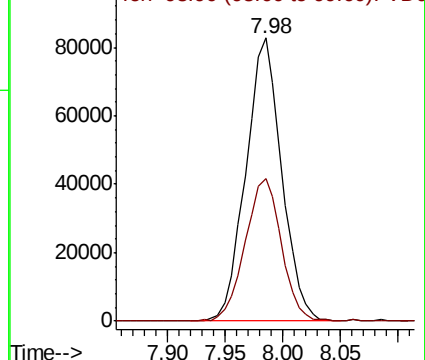
168 100

99 50.5 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: 56.430 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064007.D

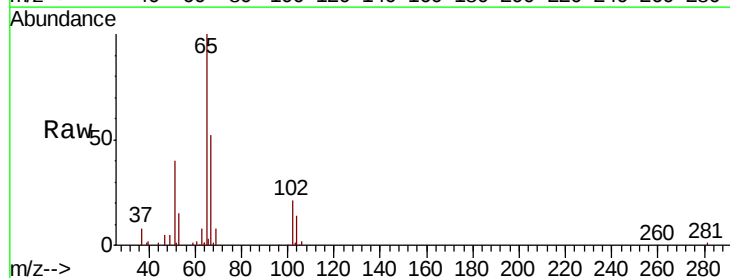
Acq: 18 Oct 2019 13:29

Tgt Ion: 65 Resp: 98041

Ion Ratio Lower Upper

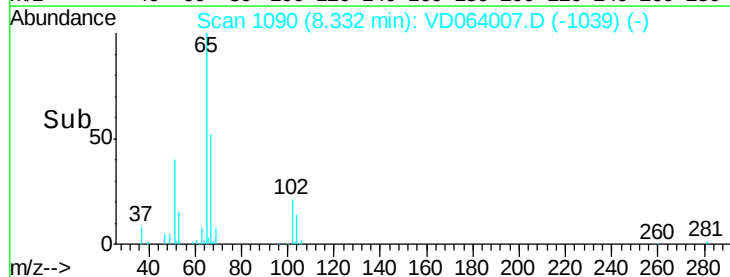
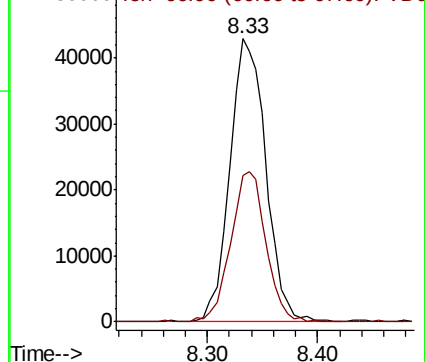
65 100

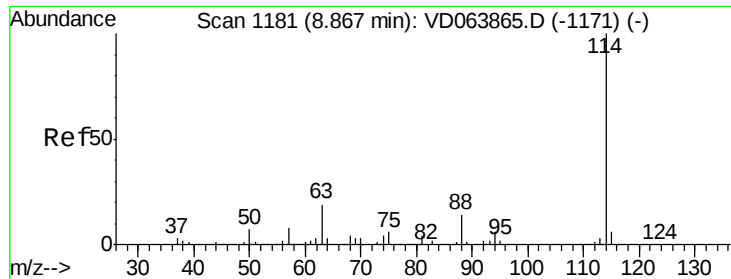
67 51.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

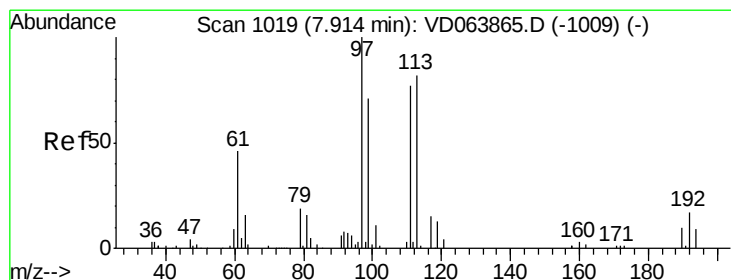
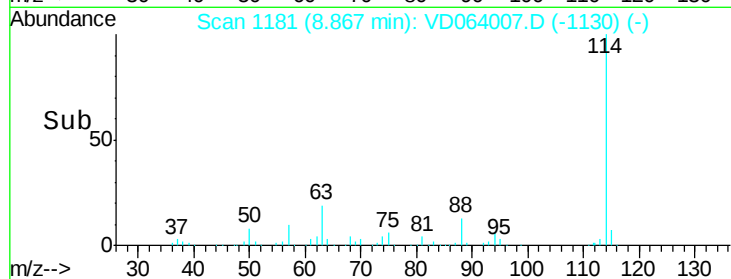
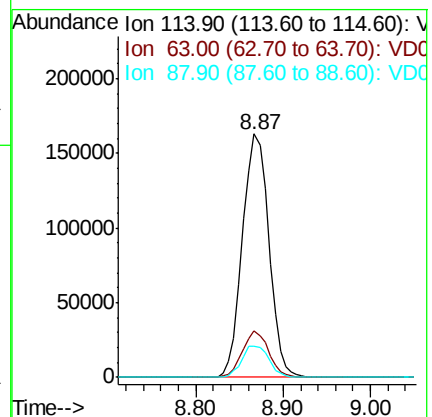
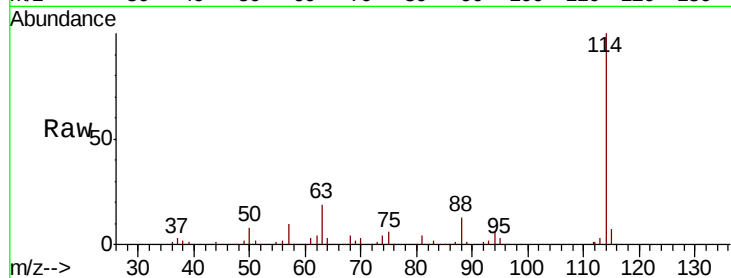




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064007.D
Acq: 18 Oct 2019 13:29

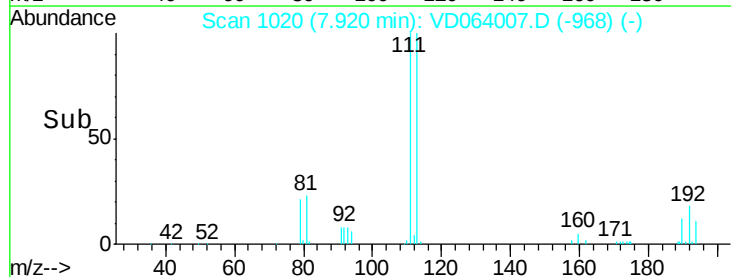
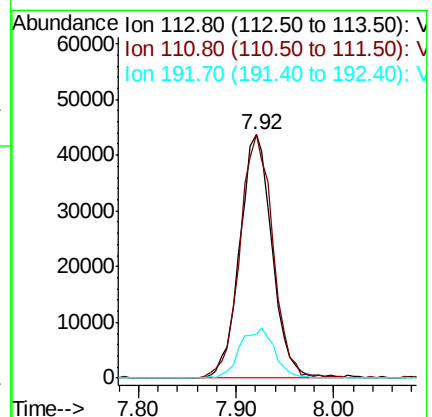
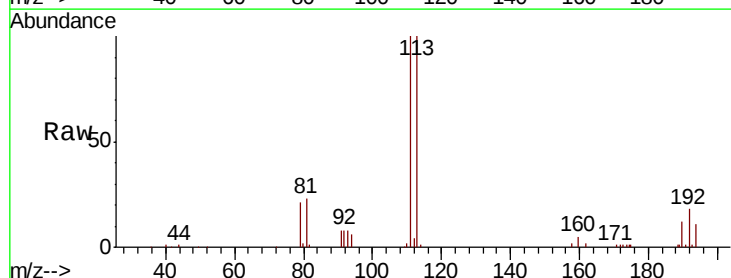
Instrument :
MSVOA_D
ClientSampleId :
TP-6

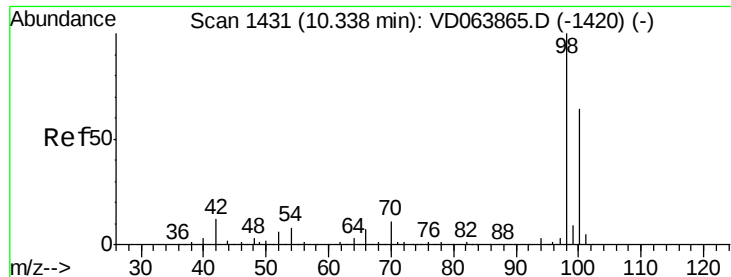
Tot Ion:114 Resp: 333309
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 13.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.635 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD064007.D
Acq: 18 Oct 2019 13:29

Tgt Ion:113 Resp: 101105
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 22.0 17.1 25.7

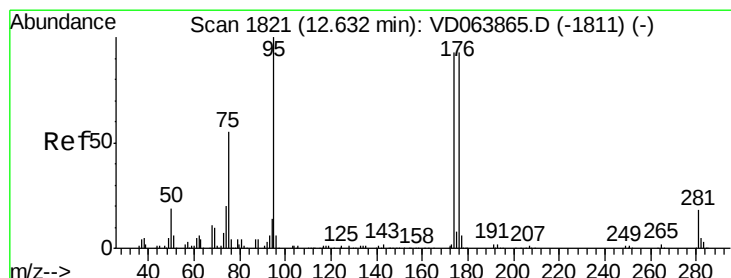
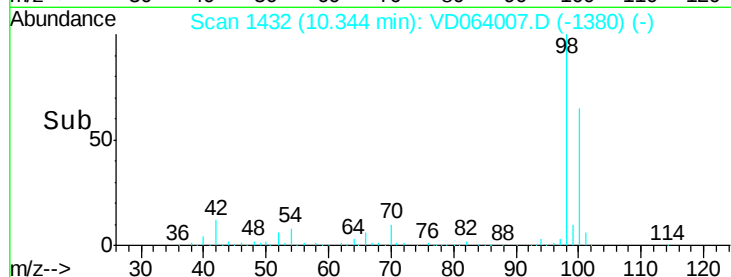
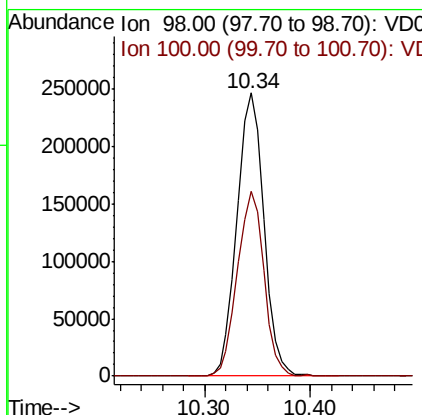
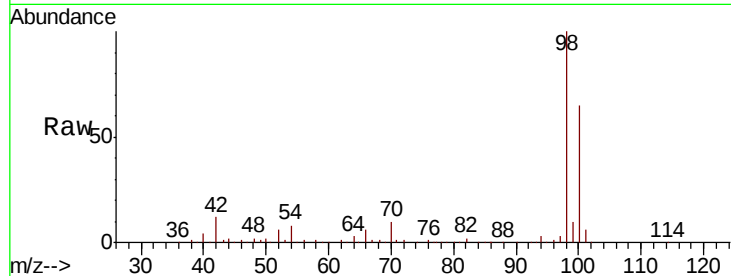




#50
Toluene-d8
Concen: 52.709 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064007.D
Acq: 18 Oct 2019 13:29

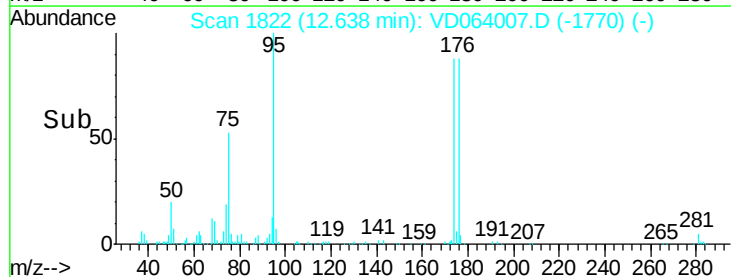
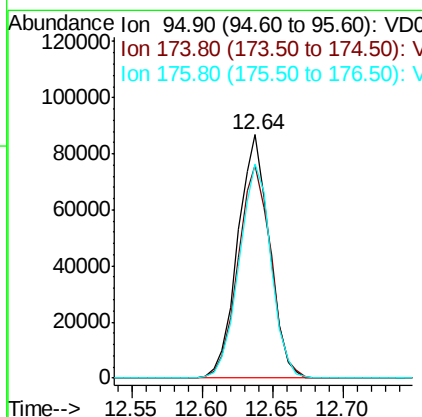
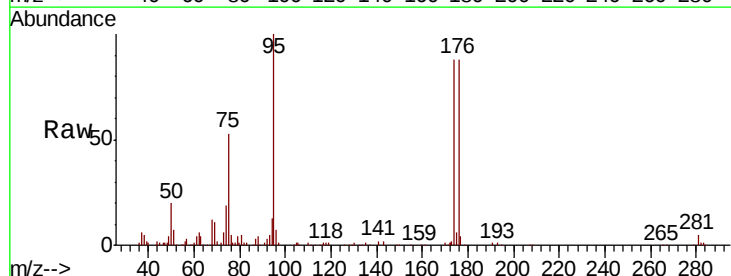
Instrument :
MSVOA_D
ClientSampled :
TP-6

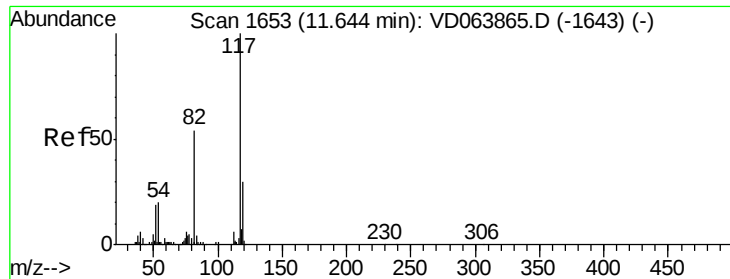
Tot Ion: 98 Resp: 435777
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.337 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064007.D
Acq: 18 Oct 2019 13:29

Tgt Ion: 95 Resp: 136000
Ion Ratio Lower Upper
95 100
174 91.3 0.0 186.4
176 88.6 0.0 184.2

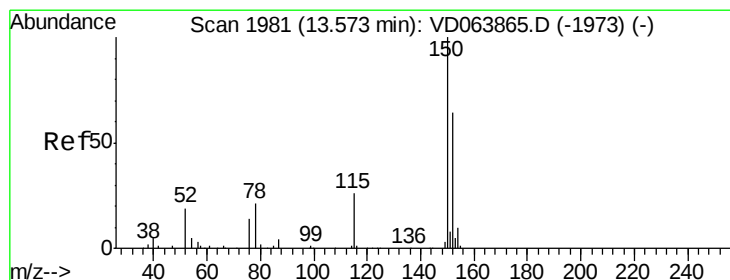
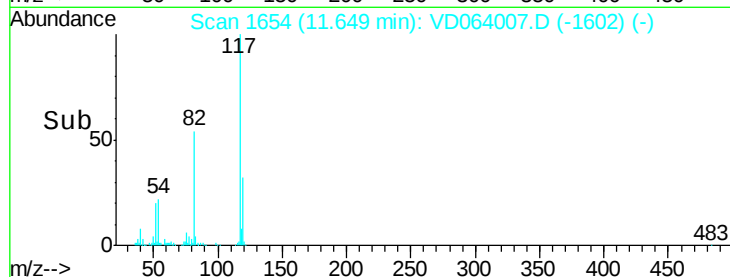
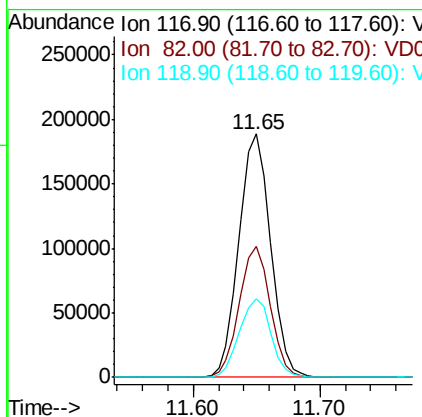
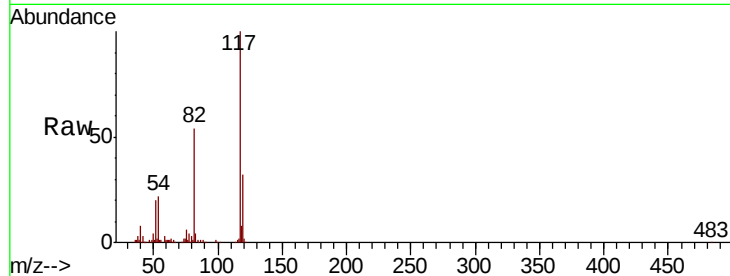




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064007.D
Acq: 18 Oct 2019 13:29

Instrument :
MSVOA_D
ClientSampleId :
TP-6

Tot Ion:117 Resp: 328028
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.0 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: VD064007.D
Acq: 18 Oct 2019 13:29

Tgt Ion:152 Resp: 156759
Ion Ratio Lower Upper
152 100
115 55.1 25.9 77.7
150 159.4 0.0 344.2

