

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100319\
 Data File : VD063876.D
 Acq On : 03 Oct 2019 15:32
 Operator : VA/SY
 Sample : VD1003SBL05
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1003SBL05

Quant Time: Oct 04 01:48:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:49:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	200473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	318377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	312881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152016	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	95140	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
35) Dibromofluoromethane	7.92	113	94555	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	10.34	98	393010	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.63	95	121997	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	

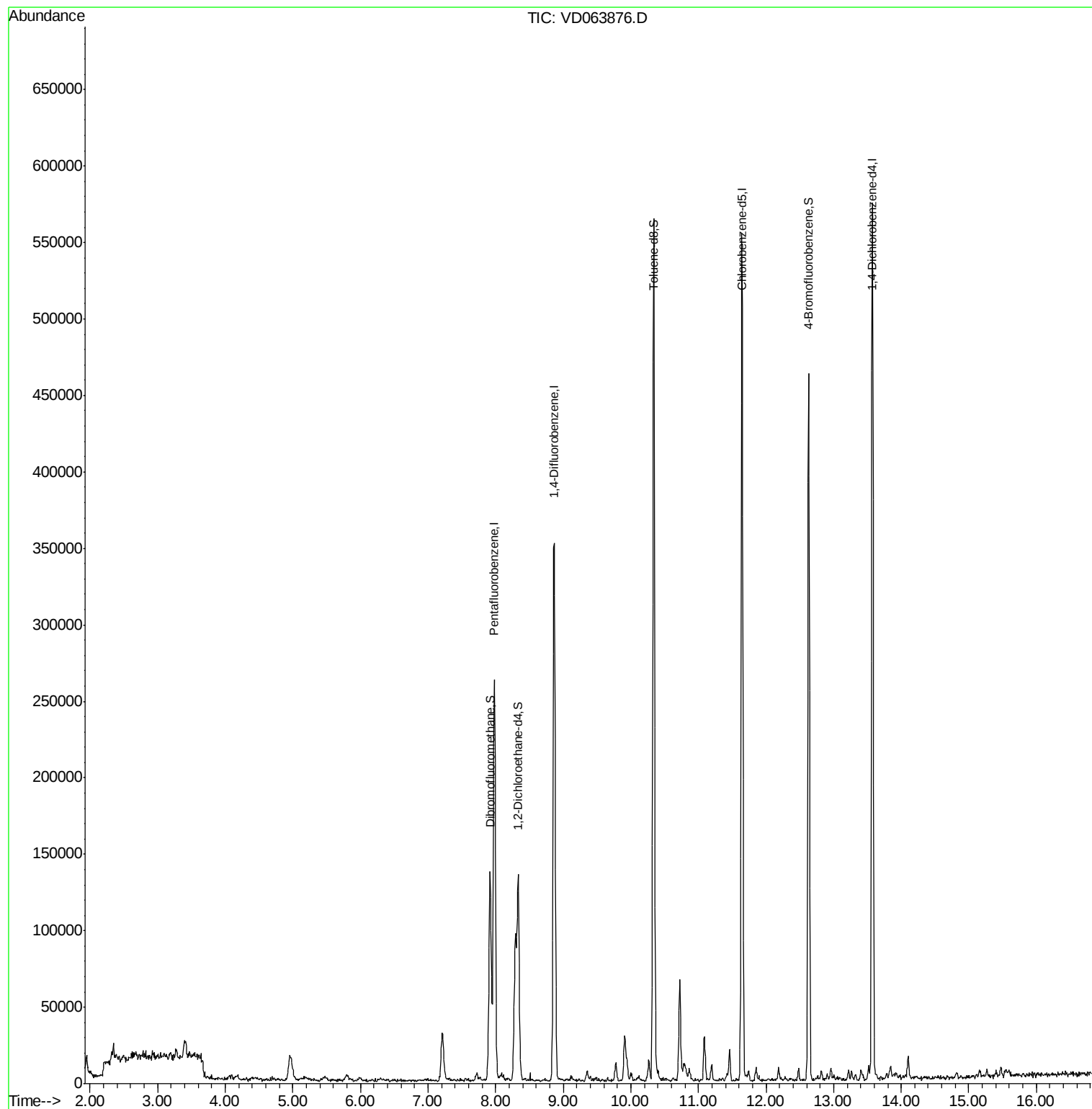
Target Compounds	Qvalue
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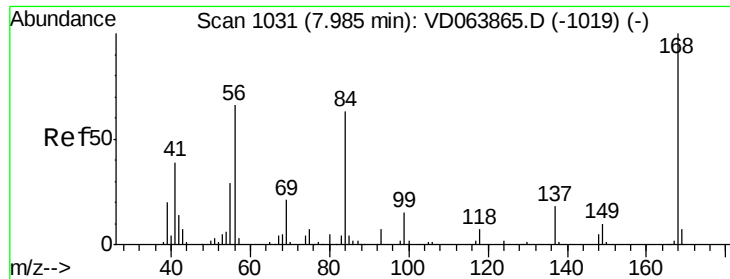
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:49:16 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063876.D

Acq: 03 Oct 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

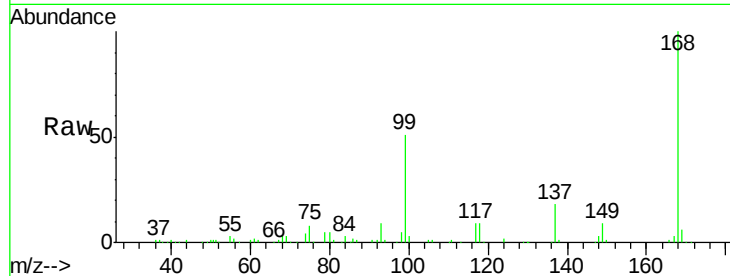
VD1003SBL05

Tot Ion:168 Resp: 200473

Ion Ratio Lower Upper

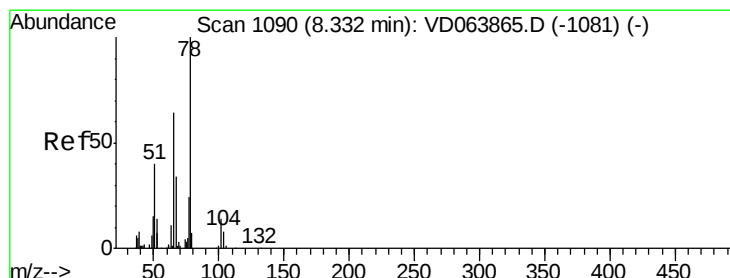
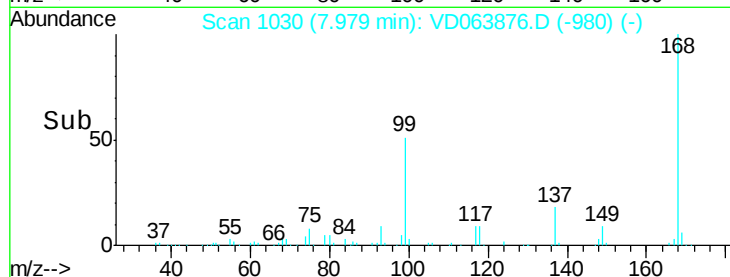
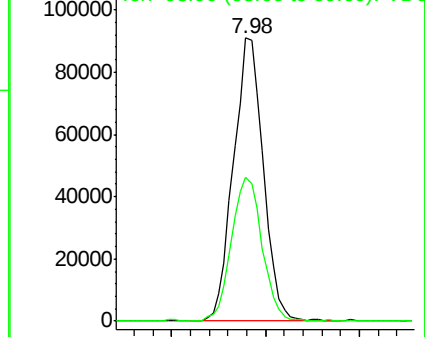
168 100

99 50.8 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: 48.746 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063876.D

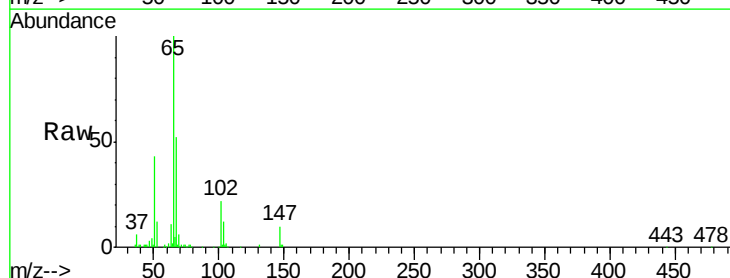
Acq: 03 Oct 2019 15:32

Tgt Ion: 65 Resp: 95140

Ion Ratio Lower Upper

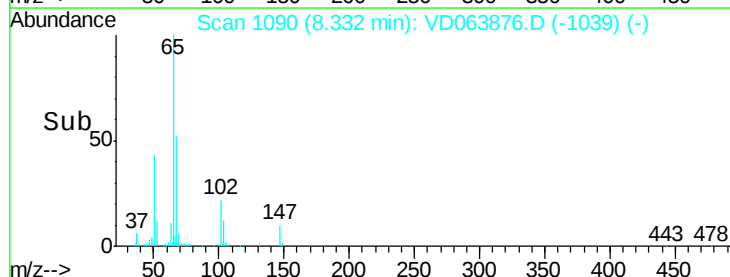
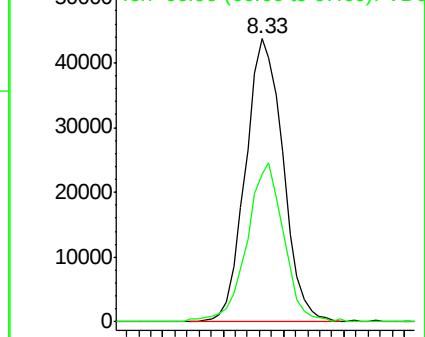
65 100

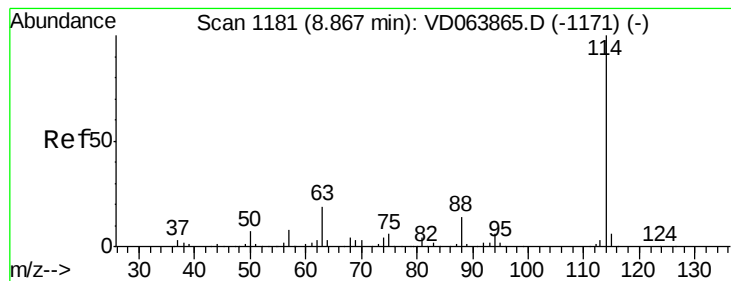
67 54.9 0.0 106.4



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: VD063876.D

Acq: 03 Oct 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

VD1003SBL05

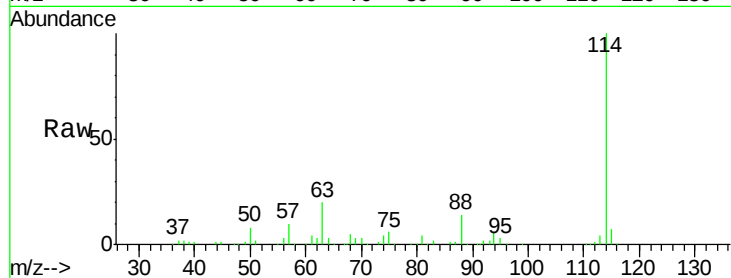
Tot Ion:114 Resp: 318377

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

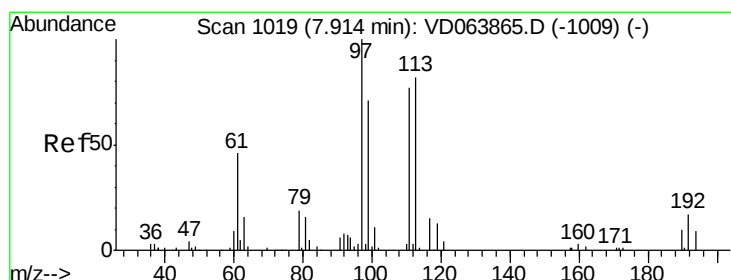
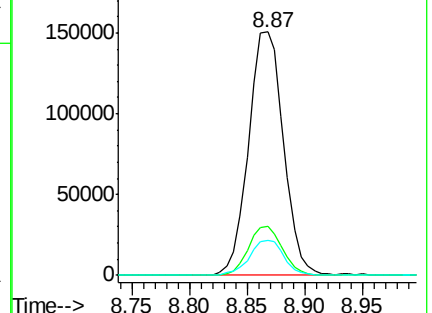
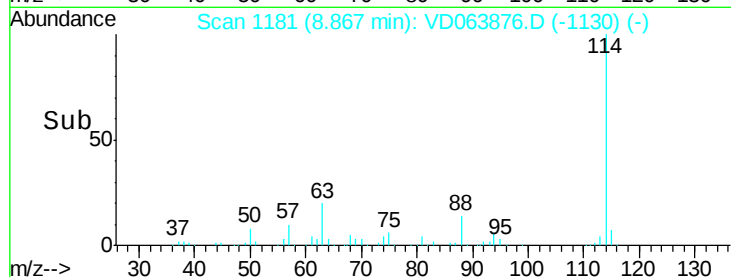
88 14.5 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 48.597 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD063876.D

Acq: 03 Oct 2019 15:32

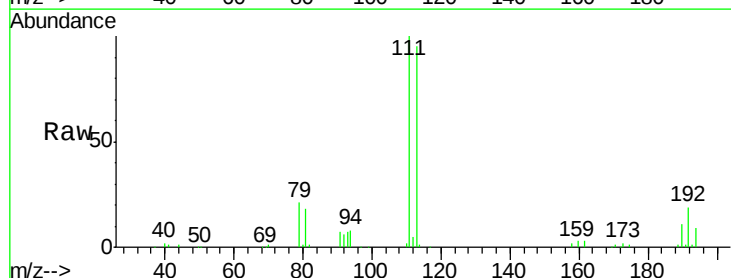
Tgt Ion:113 Resp: 94555

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

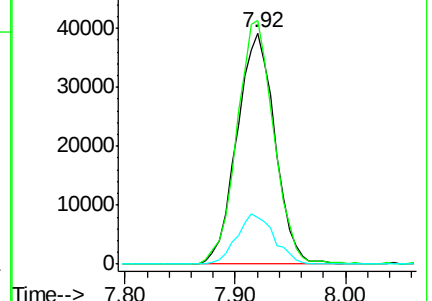
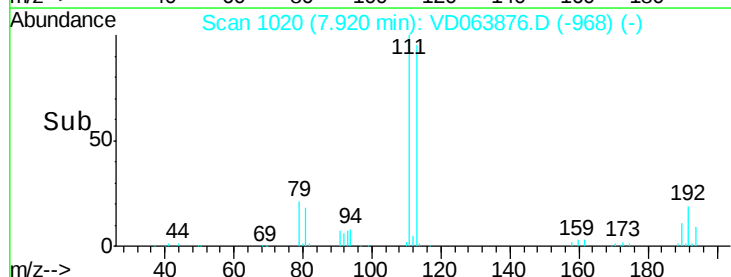
192 21.4 17.1 25.7

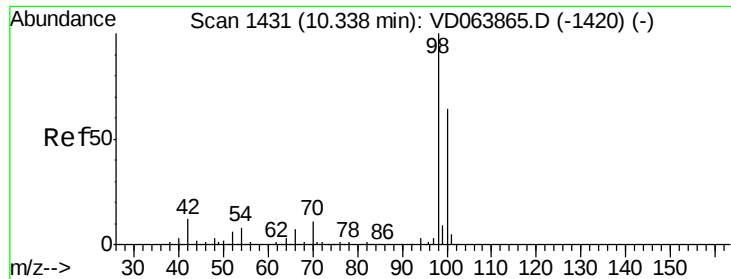


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

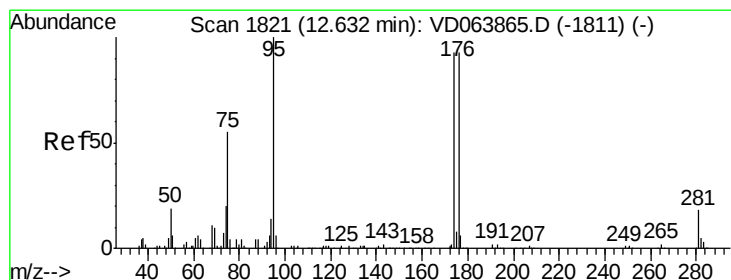
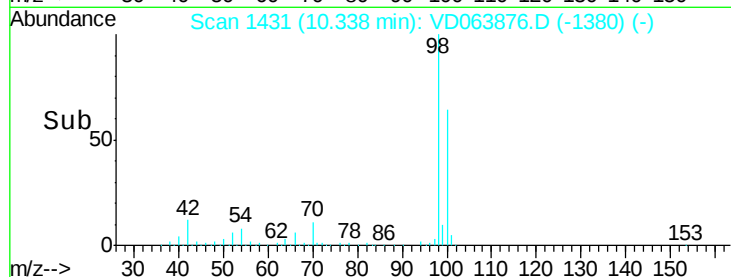
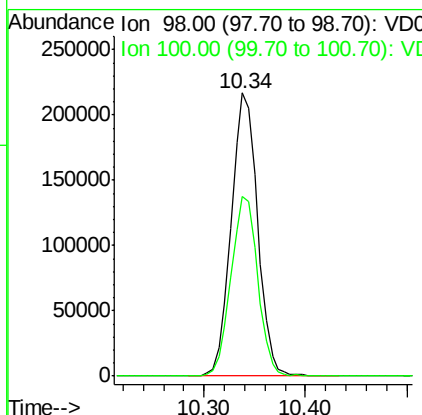
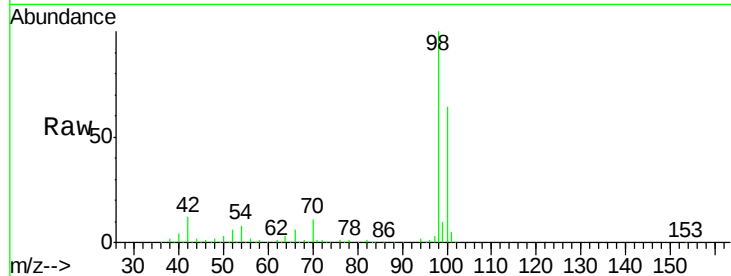




#50
Toluene-d8
Concen: 49.765 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063876.D
Acq: 03 Oct 2019 15:32

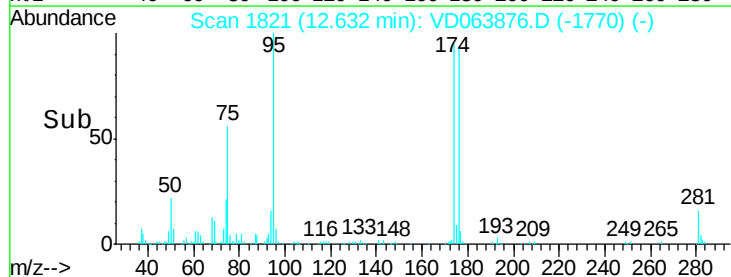
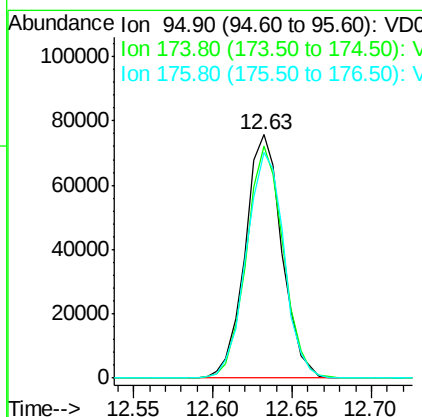
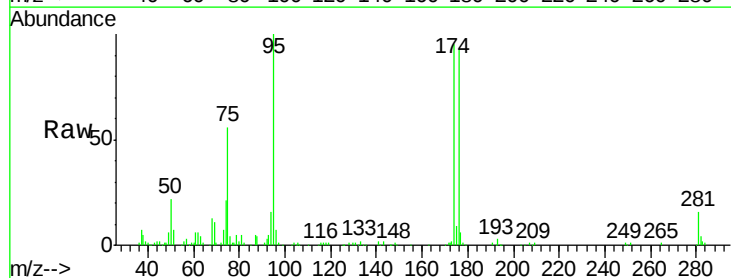
Instrument :
MSVOA_D
ClientSampleId :
VD1003SBL05

Tot Ion: 98 Resp: 393010
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.455 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063876.D
Acq: 03 Oct 2019 15:32

Tgt Ion: 95 Resp: 121997
Ion Ratio Lower Upper
95 100
174 95.6 0.0 186.4
176 95.1 0.0 184.2

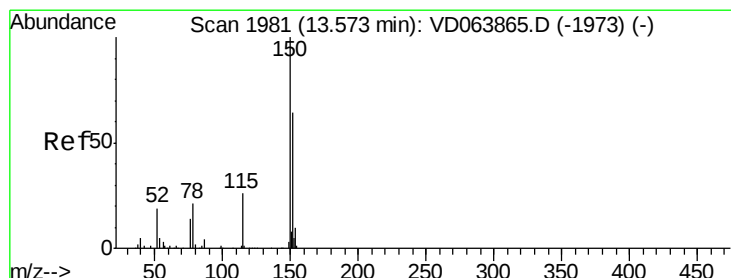
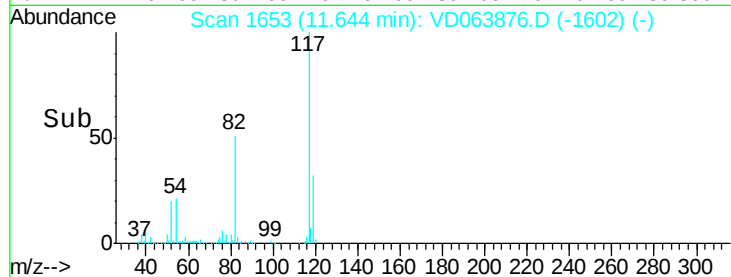
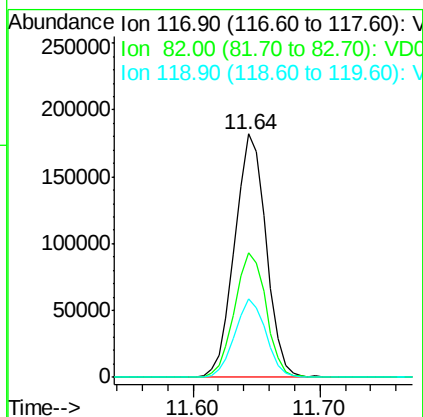
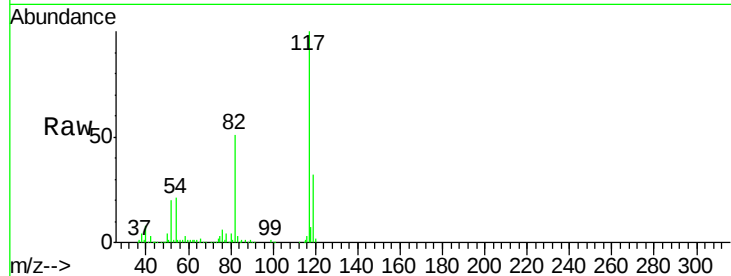




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.64 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: VD063876.D
 Acq: 03 Oct 2019 15:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1003SBL05

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.8	64.2
119	32.1	24.4	36.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VD063876.D
 Acq: 03 Oct 2019 15:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	25.9	77.7
150	156.1	0.0	344.2

