

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063431.D
 Acq On : 8 Aug 2019 11:51
 Operator : JC/SY
 Sample : VD0808SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBL01

Quant Time: Aug 09 07:18:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1042919	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1400732	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	1225305	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	639561	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	570926	49.34	ug/l	0.02
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	6.93	113	668155	55.87	ug/l	0.02
Spiked Amount			Recovery	=	111.74%	
50) Toluene-d8	10.42	98	1453472	54.31	ug/l	0.01
Spiked Amount			Recovery	=	108.62%	
62) 4-Bromofluorobenzene	13.56	95	599733	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	

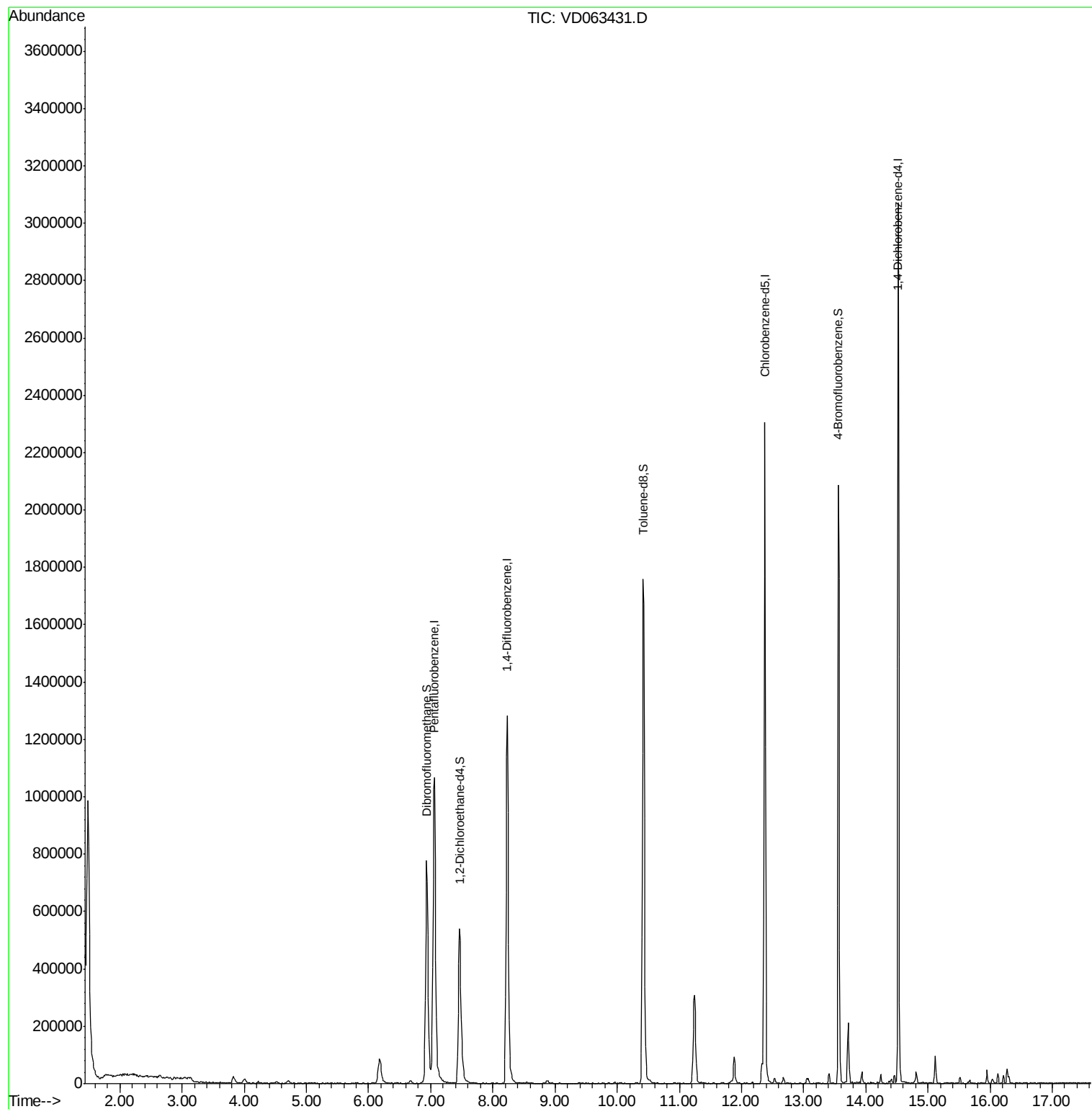
Target Compounds	Qvalue
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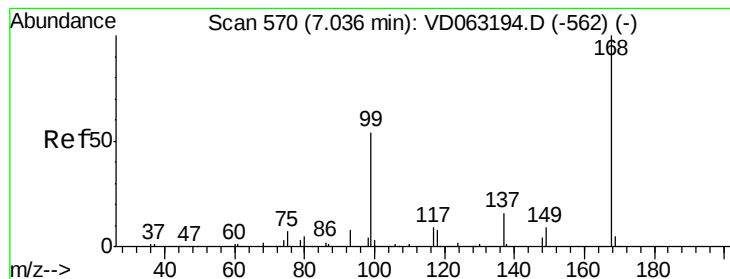
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063431.D

Acq: 8 Aug 2019 11:51

Instrument :

MSVOA_D

ClientSampleId :

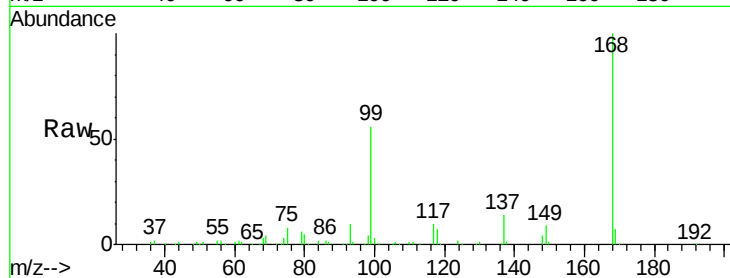
VD0808SBL01

Tot Ion:168 Resp: 1042919

Ion Ratio Lower Upper

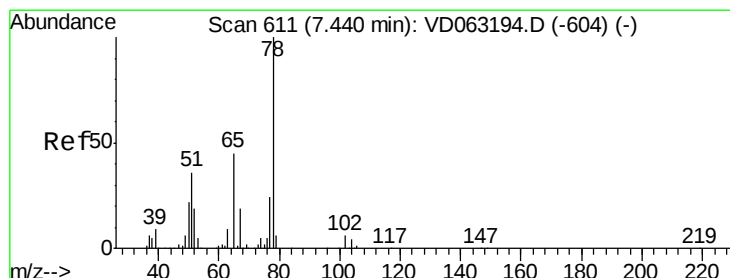
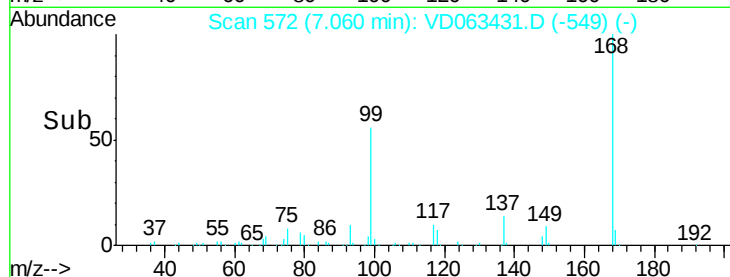
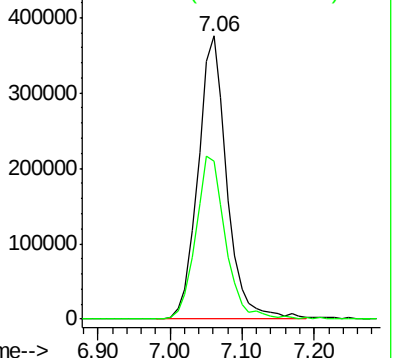
168 100

99 56.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.336 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063431.D

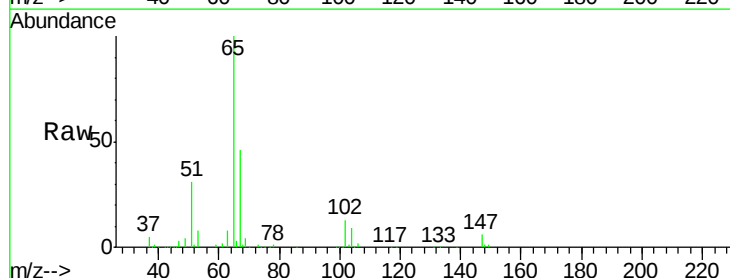
Acq: 8 Aug 2019 11:51

Tgt Ion: 65 Resp: 570926

Ion Ratio Lower Upper

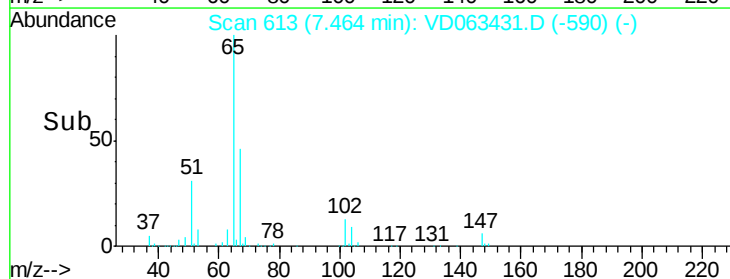
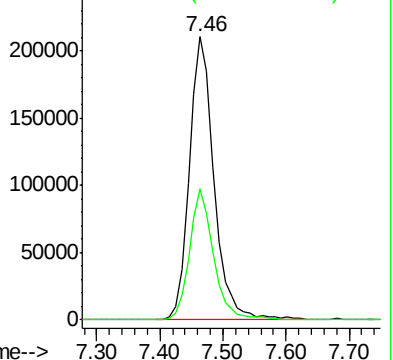
65 100

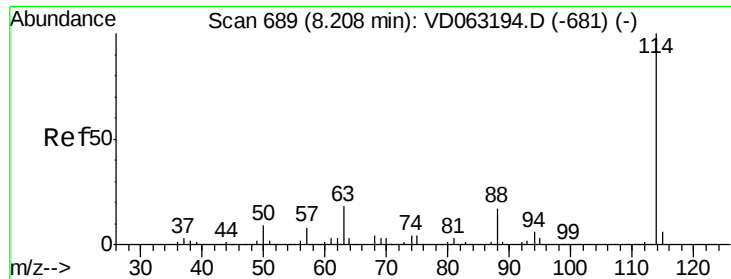
67 46.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

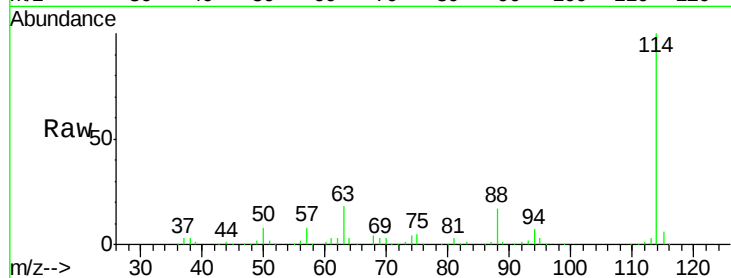




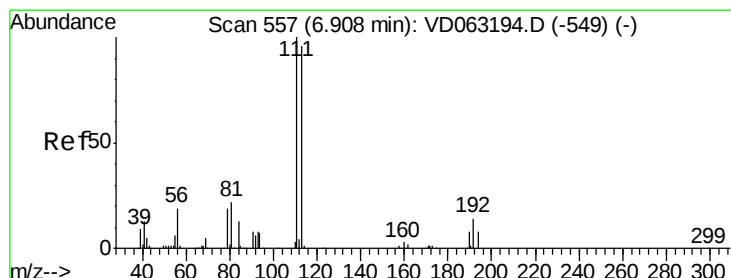
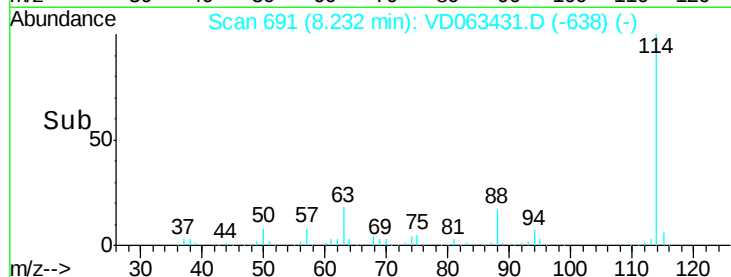
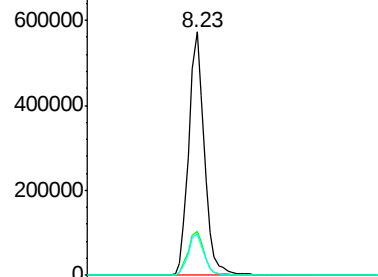
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063431.D
 Acq: 8 Aug 2019 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBL01

Tot Ion:114 Resp: 1400732
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 17.2 0.0 34.6

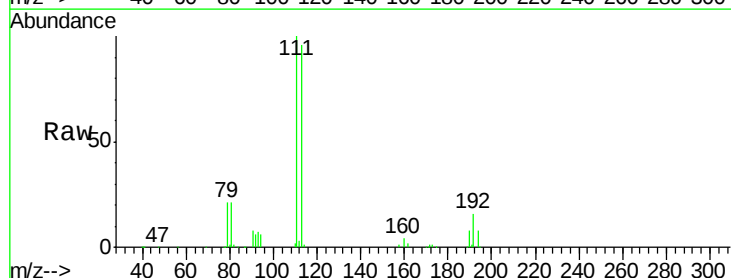


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

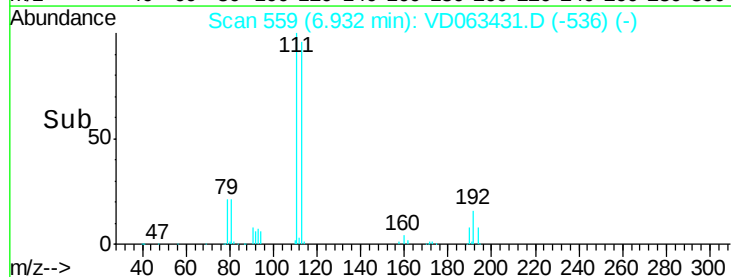
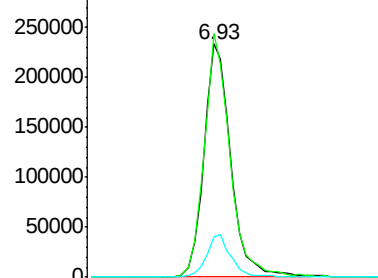


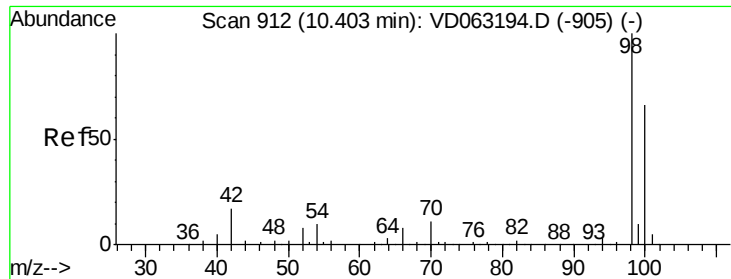
#35
 Dibromofluoromethane
 Concen: 55.869 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063431.D
 Acq: 8 Aug 2019 11:51

Tgt Ion:113 Resp: 668155
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.2 124.8
 192 17.2 11.8 17.8



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

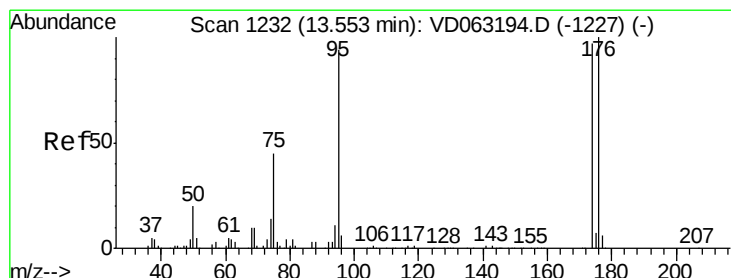
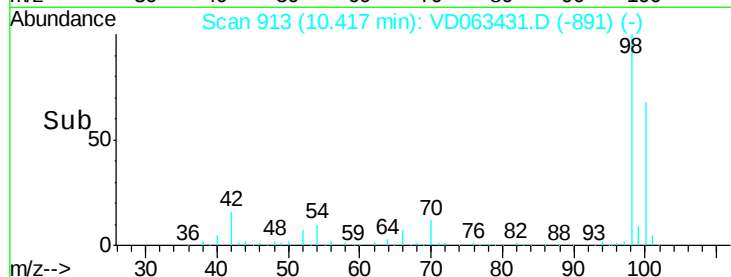
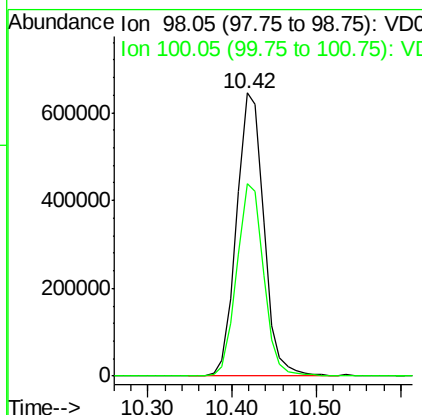
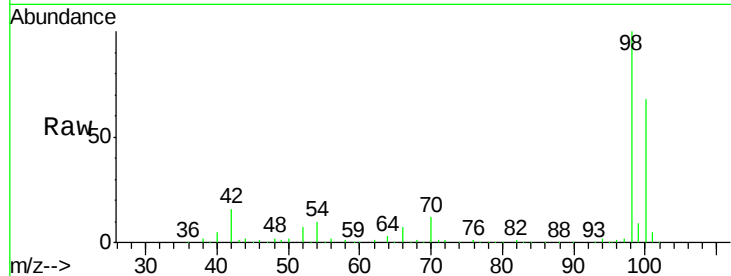




#50
Toluene-d8
Concen: 54.305 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063431.D
Acq: 8 Aug 2019 11:51

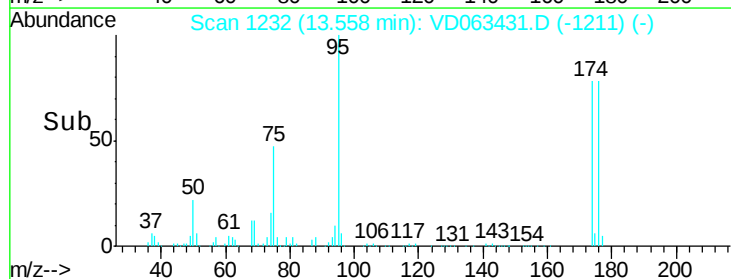
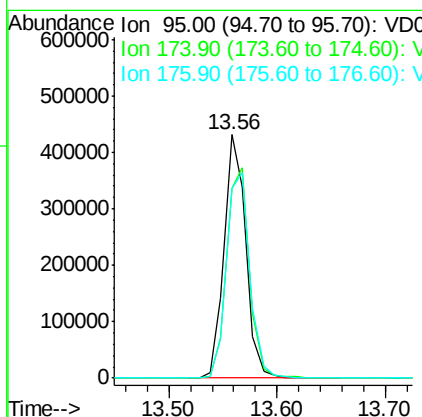
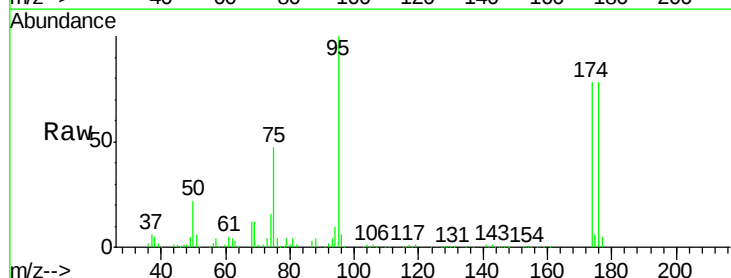
Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

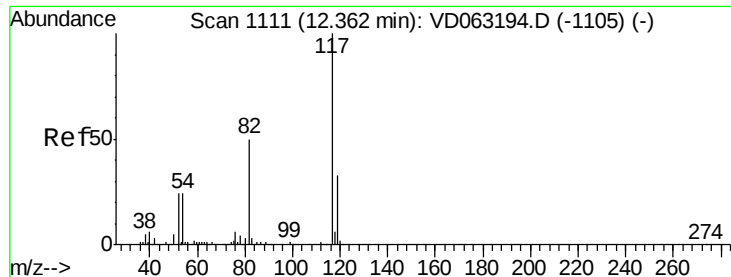
Tot Ion: 98 Resp: 1453472
Ion Ratio Lower Upper
98 100
100 68.2 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 49.172 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063431.D
Acq: 8 Aug 2019 11:51

Tgt Ion: 95 Resp: 599733
Ion Ratio Lower Upper
95 100
174 78.0 0.0 205.4
176 77.9 0.0 211.8

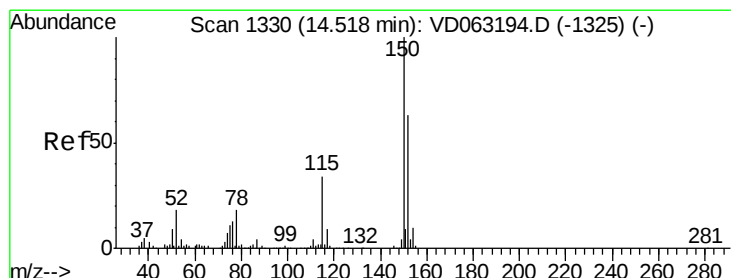
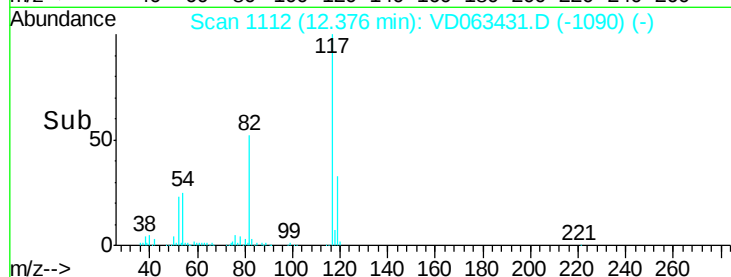
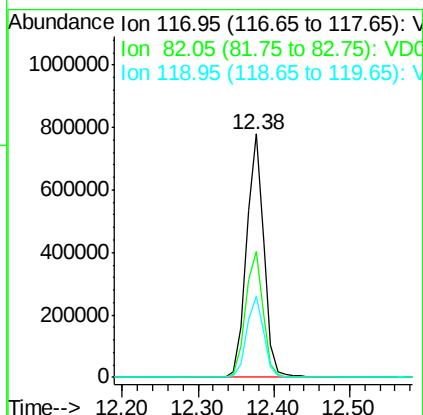
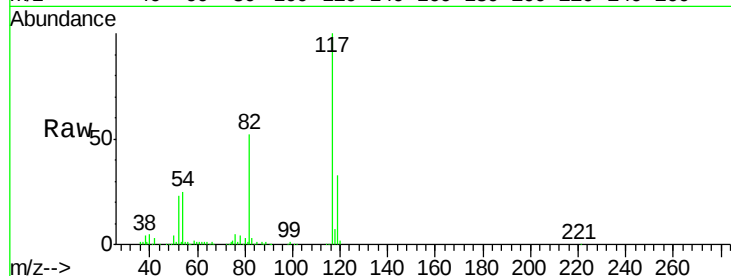




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063431.D
Acq: 8 Aug 2019 11:51

Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

Tot Ion:117 Resp: 1225305
Ion Ratio Lower Upper
117 100
82 51.7 40.1 60.1
119 33.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063431.D
Acq: 8 Aug 2019 11:51

Tgt Ion:152 Resp: 639561
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.4
150 155.9 0.0 320.6

