

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063384.D
 Acq On : 5 Aug 2019 16:49
 Operator : VA/AP
 Sample : K4131-02
 Misc : 6.37g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-D1-(0-1)

Quant Time: Aug 06 08:18:53 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	7.05	168	1091922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1511180	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1333999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	640806	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	583369	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	6.93	113	639428	49.56	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.40	98	1326904	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
62) 4-Bromofluorobenzene	13.55	95	605742	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	

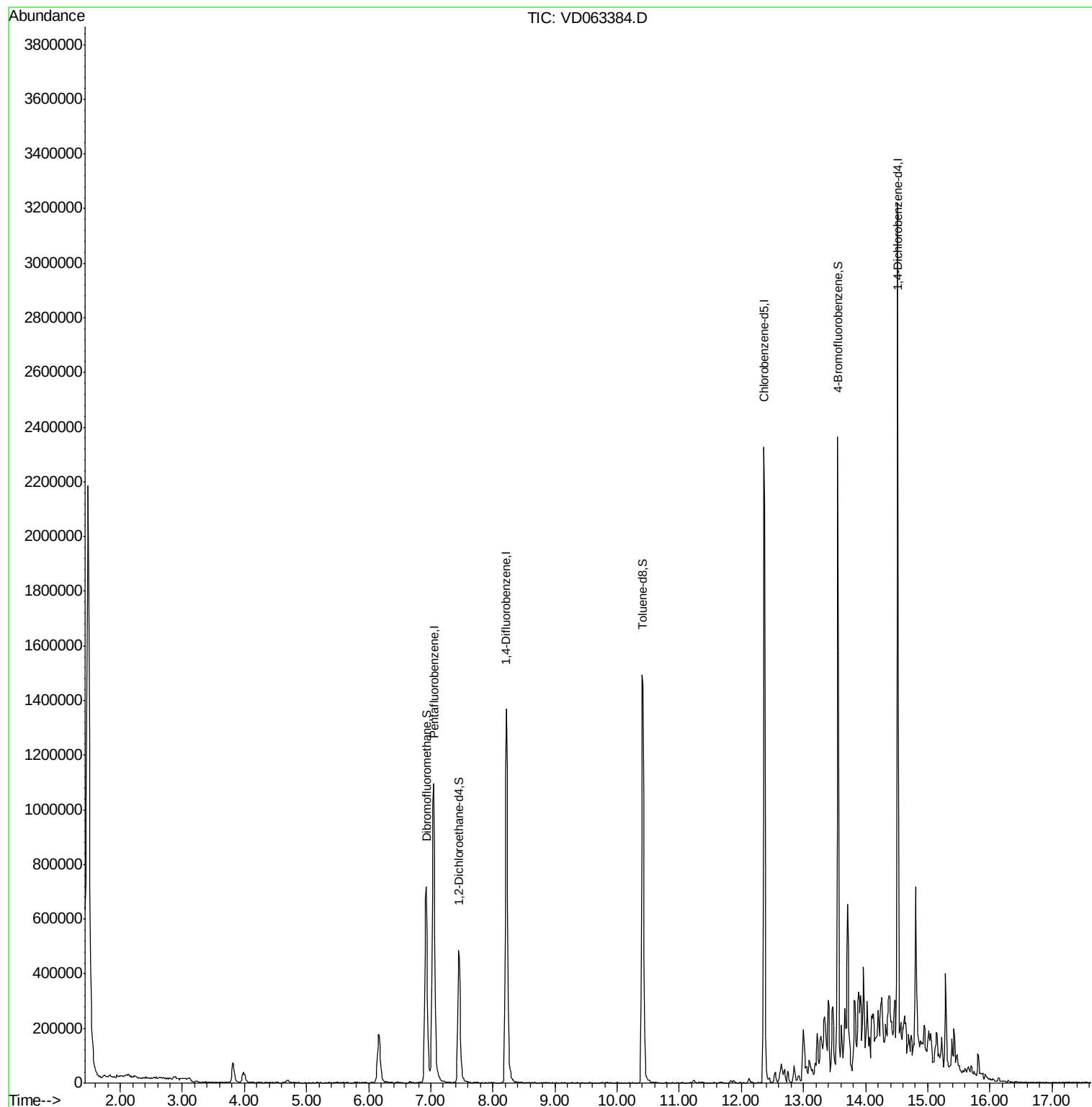
Target Compounds	Qvalue

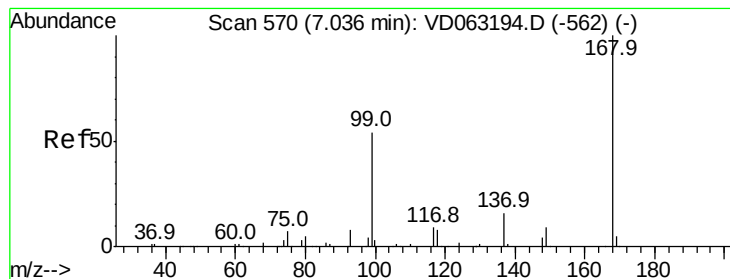
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

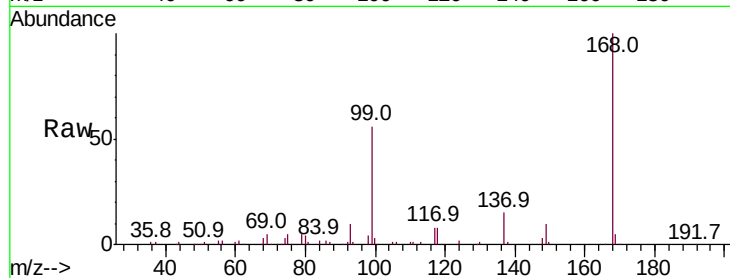
1S-D1-(0-1)

Tot Ion:168 Resp: 1091922

Ion Ratio Lower Upper

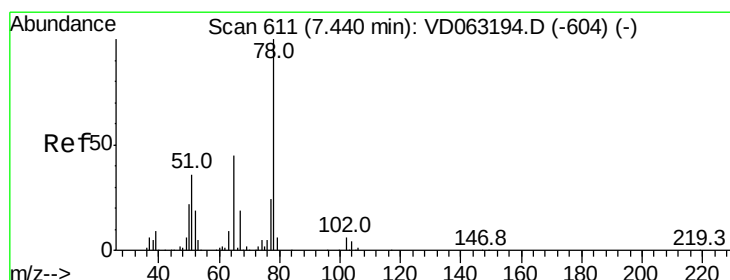
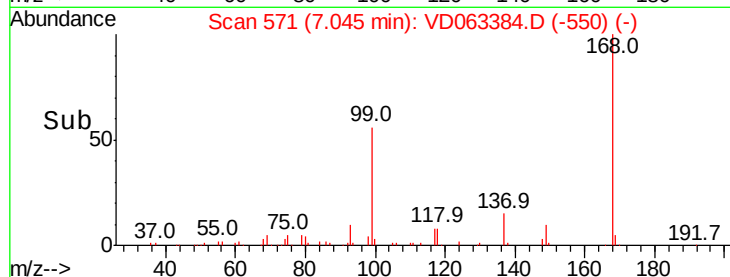
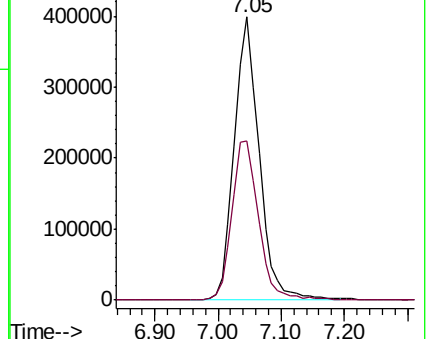
168 100

99 56.5 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: 48.149 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063384.D

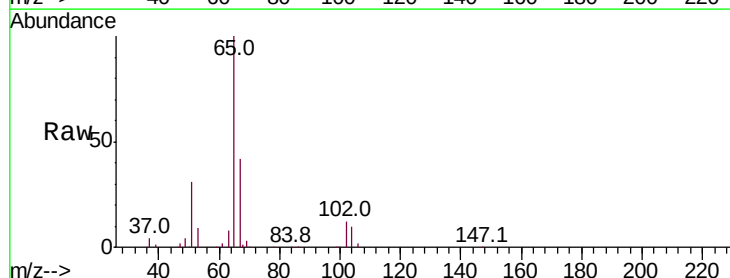
Acq: 5 Aug 2019 16:49

Tgt Ion: 65 Resp: 583369

Ion Ratio Lower Upper

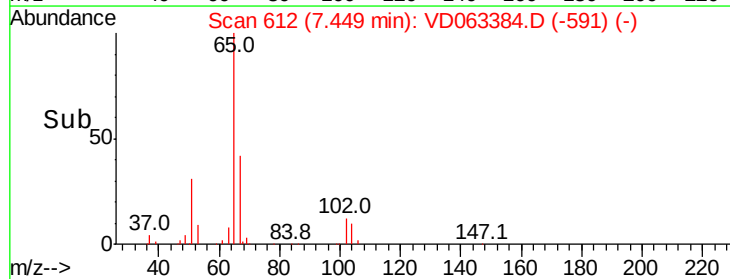
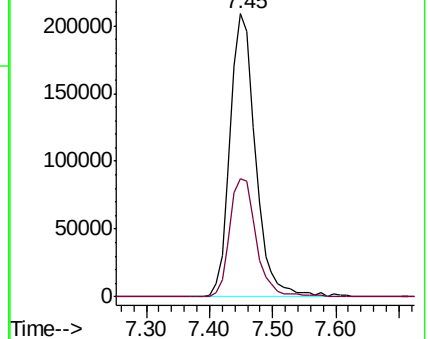
65 100

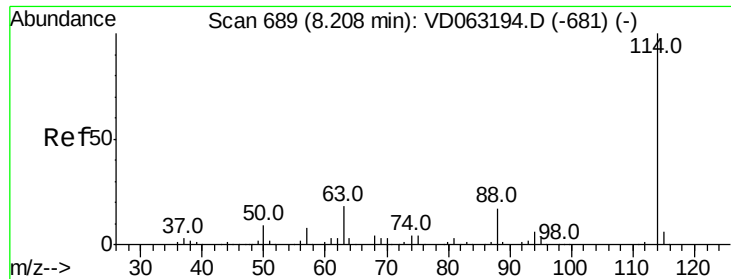
67 41.6 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

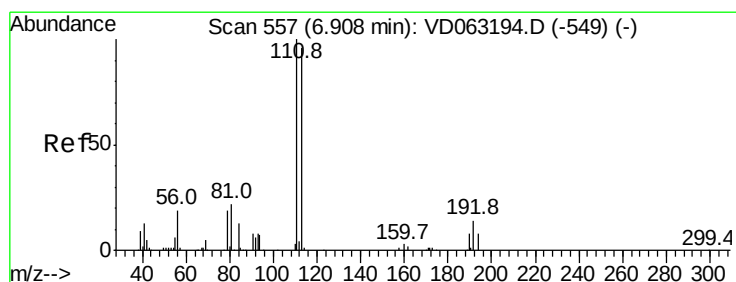
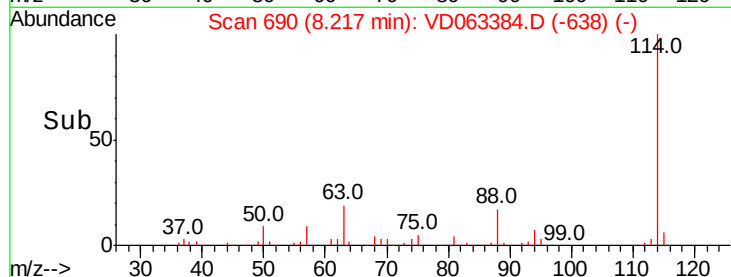
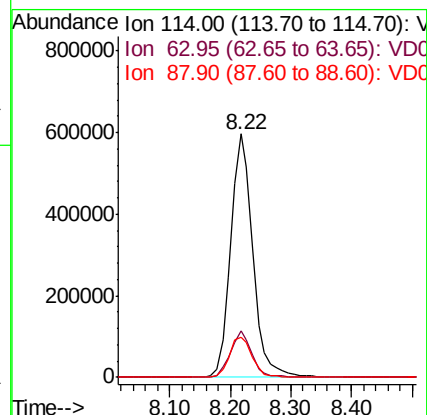
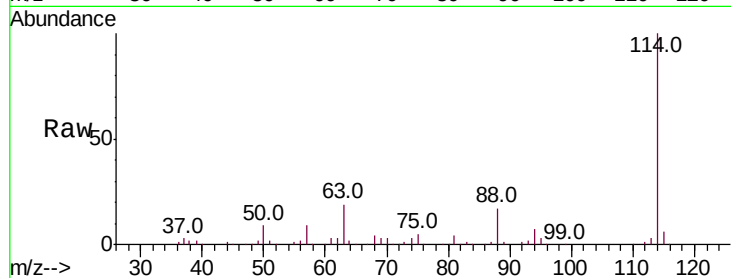




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063384.D
 Acq: 5 Aug 2019 16:49

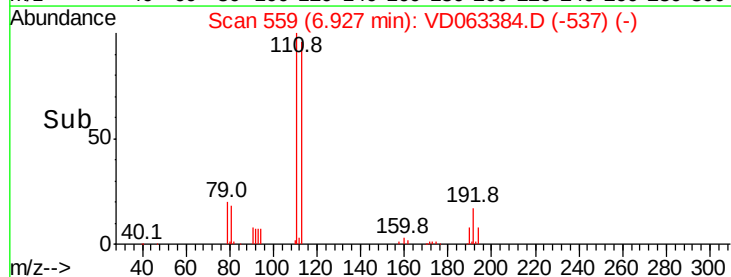
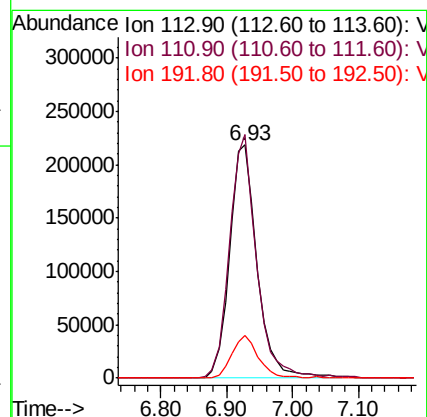
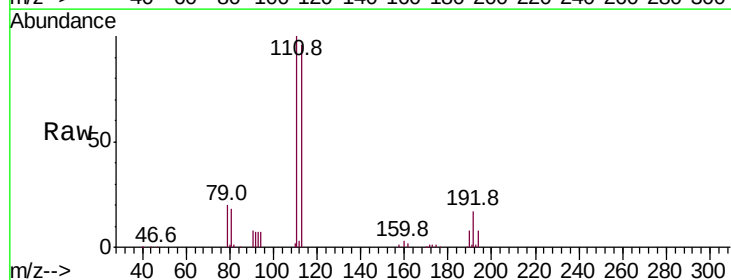
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-D1-(0-1)

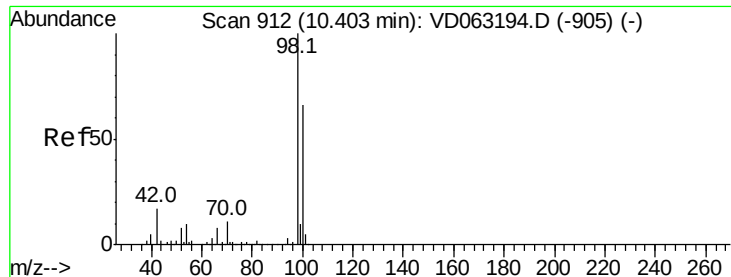
Tot Ion:114 Resp: 1511180
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 35.2
 88 16.7 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 49.559 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063384.D
 Acq: 5 Aug 2019 16:49

Tgt Ion:113 Resp: 639428
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.2 124.8
 192 18.1 11.8 17.8#

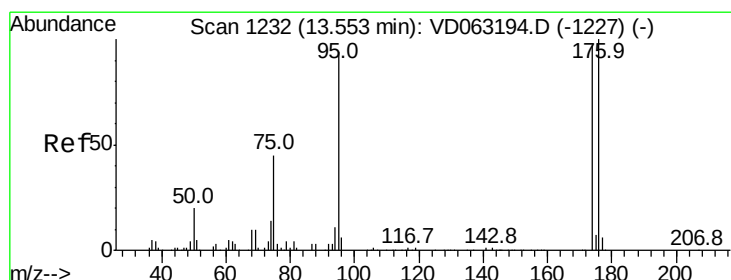
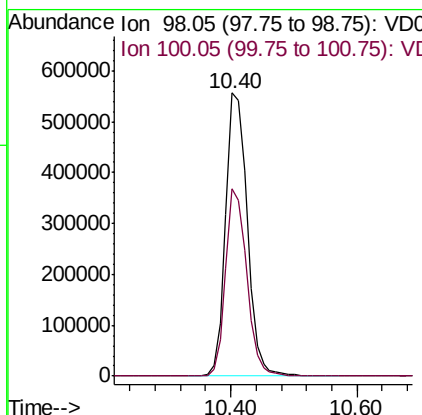
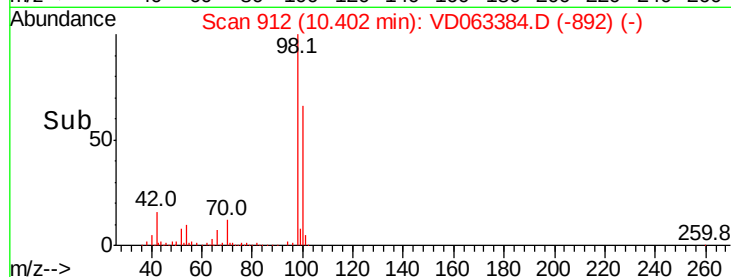
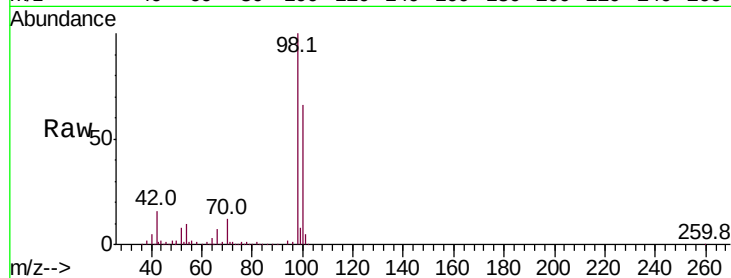




#50
Toluene-d8
Concen: 45.953 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063384.D
Acq: 5 Aug 2019 16:49

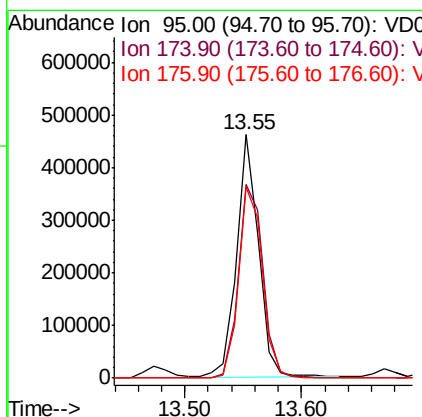
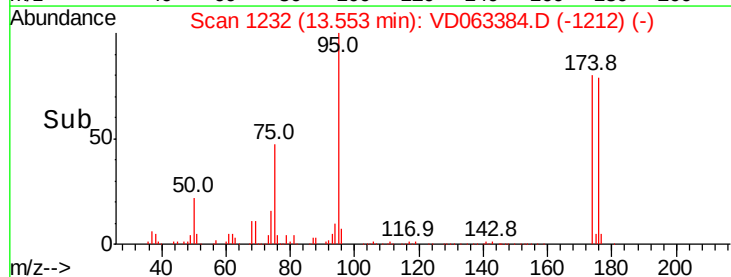
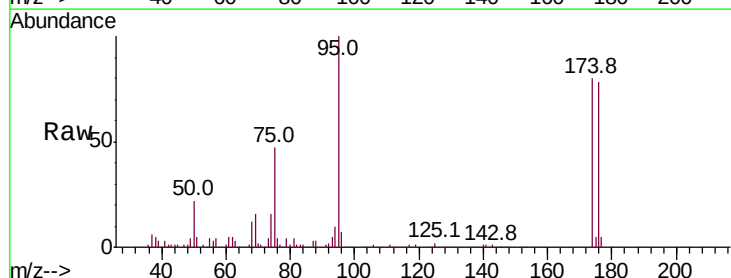
Instrument :
MSVOA_D
ClientSampleId :
1S-D1-(0-1)

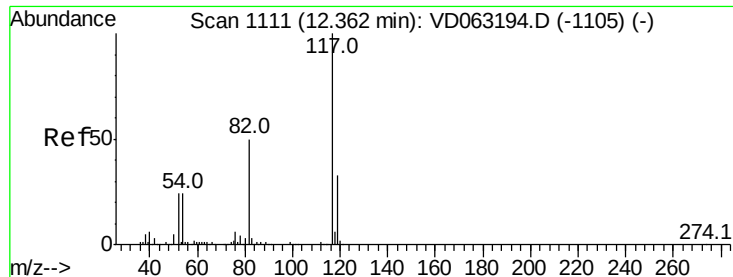
Tot Ion: 98 Resp: 1326904
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 46.035 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063384.D
Acq: 5 Aug 2019 16:49

Tgt Ion: 95 Resp: 605742
Ion Ratio Lower Upper
95 100
174 79.7 0.0 205.4
176 78.5 0.0 211.8

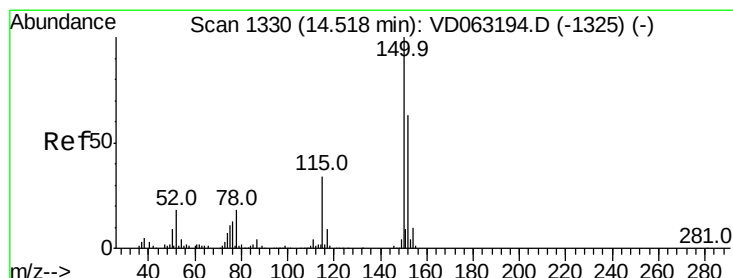
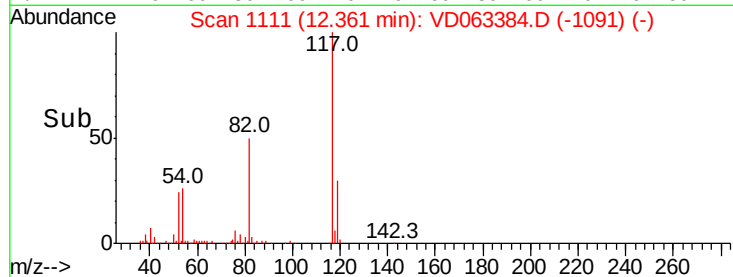
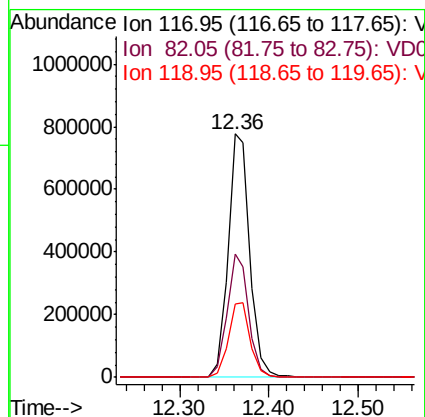
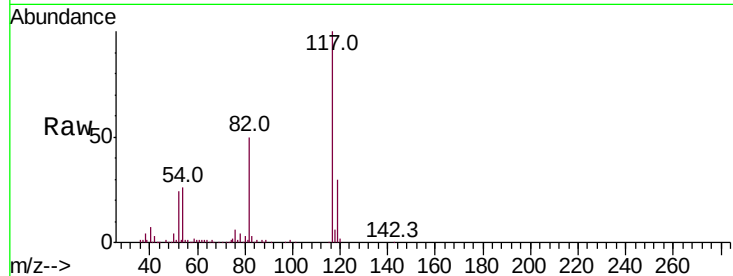




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063384.D
Acq: 5 Aug 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
1S-D1-(0-1)

Tot Ion:117 Resp: 1333999
Ion Ratio Lower Upper
117 100
82 50.4 40.1 60.1
119 29.9 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: VD063384.D
Acq: 5 Aug 2019 16:49

Tgt Ion:152 Resp: 640806
Ion Ratio Lower Upper
152 100
115 56.0 27.5 82.4
150 153.9 0.0 320.6

