

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063332.D
 Acq On : 2 Aug 2019 23:39
 Operator : VA/AP
 Sample : VD0802SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL02

Quant Time: Aug 04 04:48:30 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	7.04	168	1022879	50.00	µg/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1401570	50.00	µg/l	0.00
63) Chlorobenzene-d5	12.36	117	1201805	50.00	µg/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	639884	50.00	µg/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	583873	51.44	µg/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	6.92	113	655575	54.78	µg/l	0.01
Spiked Amount	50.000		Recovery	=	109.56%	
50) Toluene-d8	10.40	98	1450397	54.16	µg/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
62) 4-Bromofluorobenzene	13.55	95	594057	48.68	µg/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

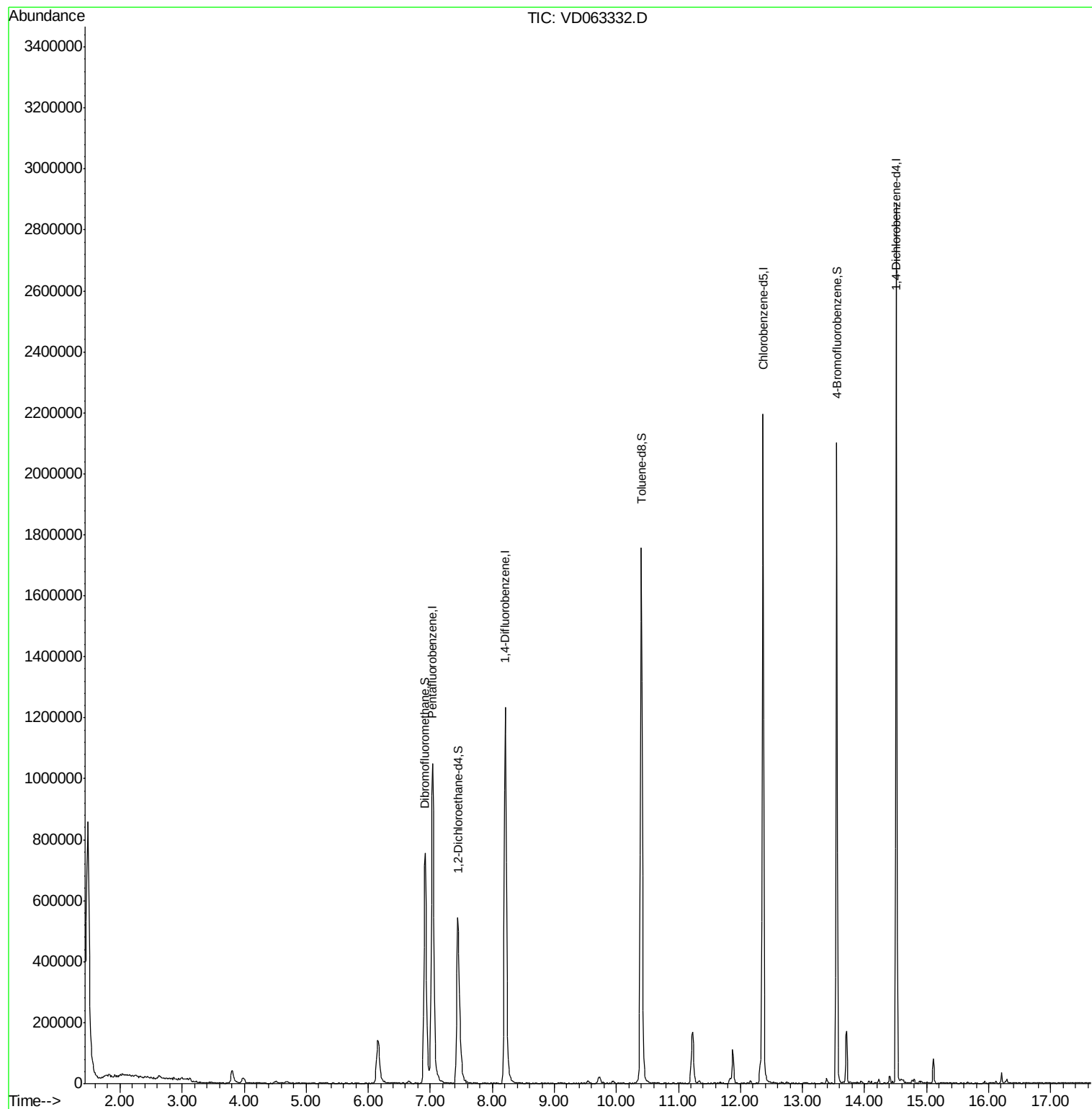
Target Compounds	Qvalue

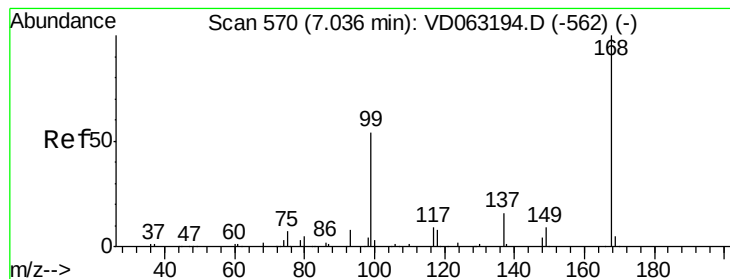
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063332.D

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Instrument :

MSVOA_D

ClientSampleId :

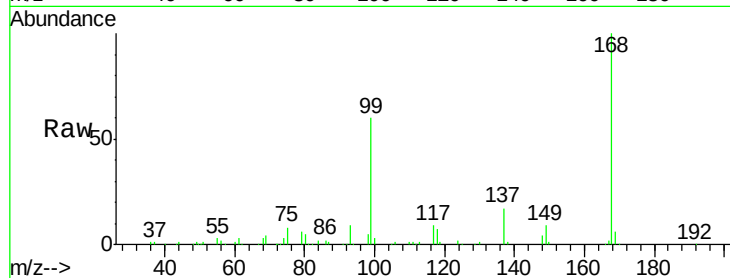
VD0802SBL02

Tot Ion:168 Resp: 1022879

Ion Ratio Lower Upper

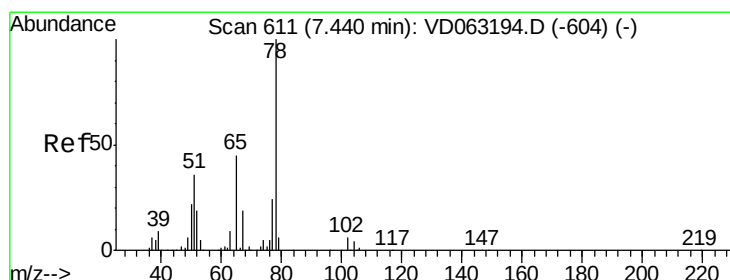
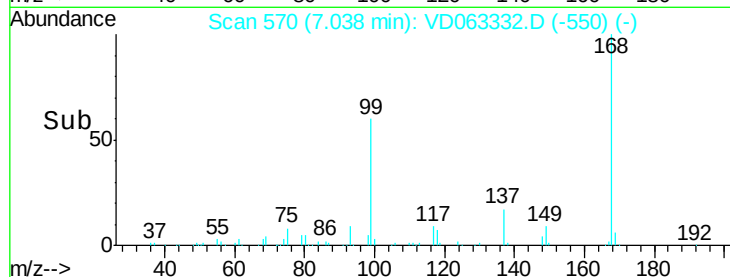
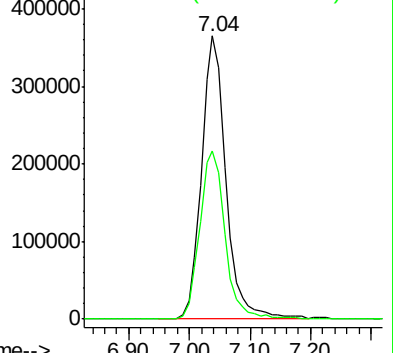
168 100

99 59.6 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: 51.443 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063332.D

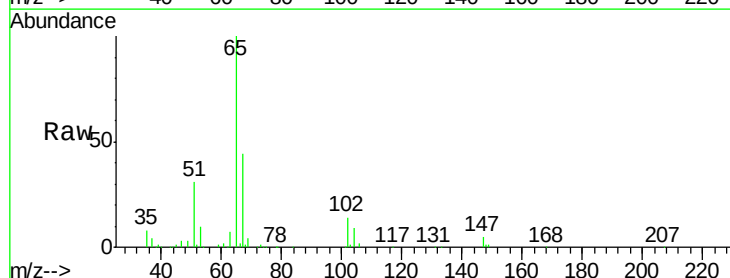
Acq: 2 Aug 2019 23:39

Tgt Ion: 65 Resp: 583873

Ion Ratio Lower Upper

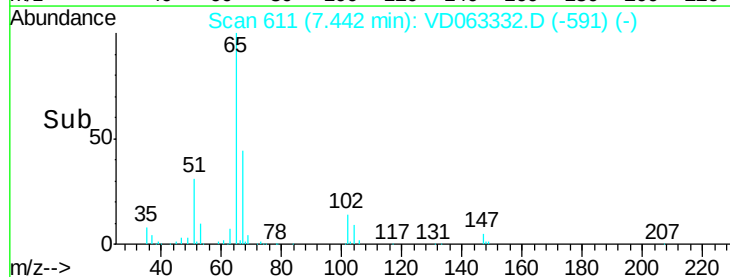
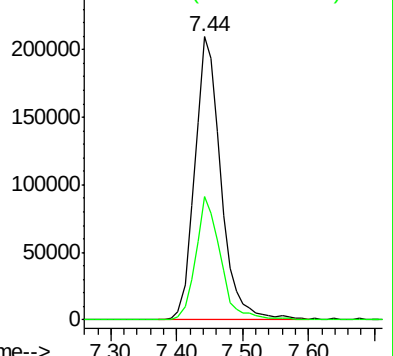
65 100

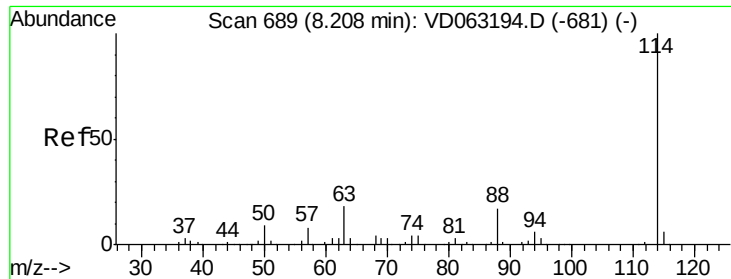
67 43.6 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

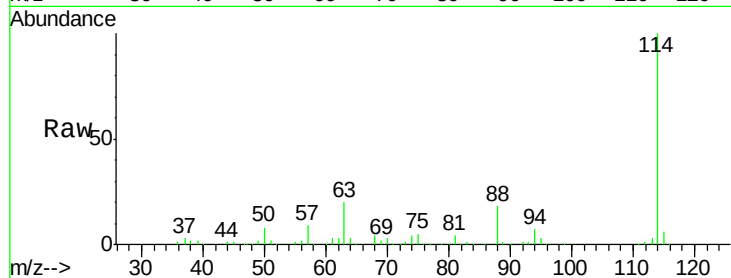




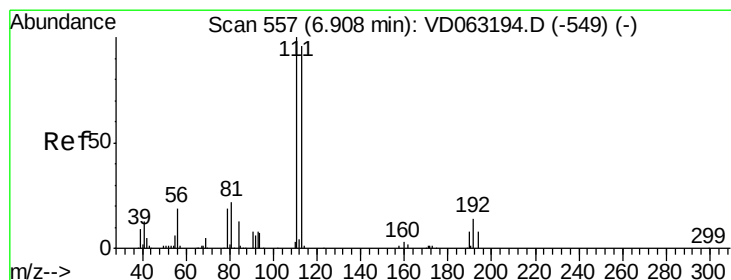
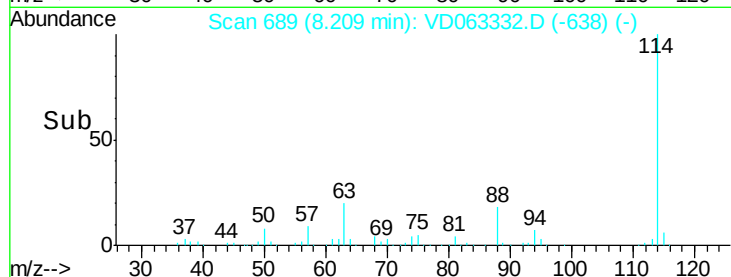
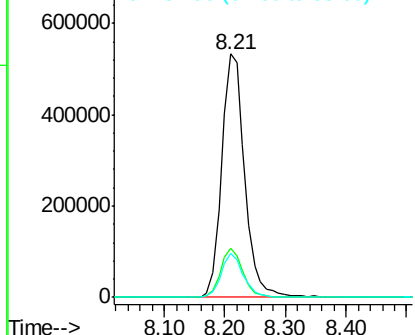
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063332.D
 Acq: 2 Aug 2019 23:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL02

Tot Ion:114 Resp: 1401570
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 35.2
 88 17.9 0.0 34.6

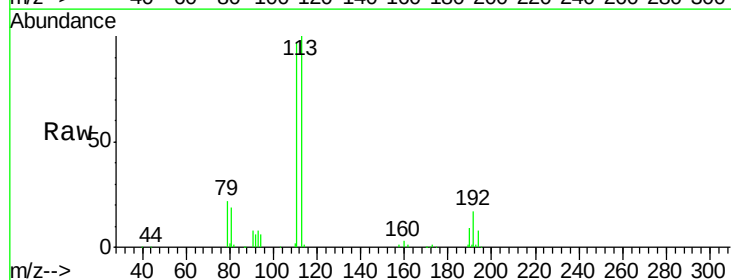


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

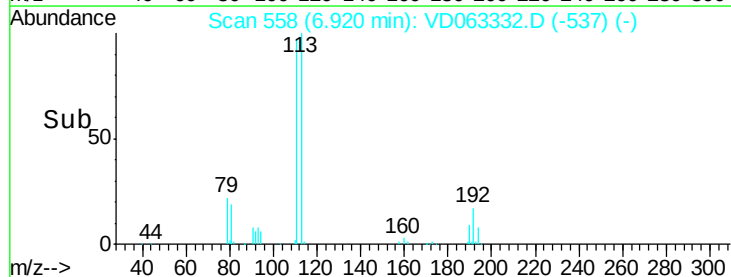
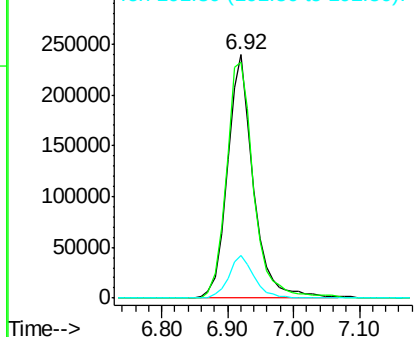


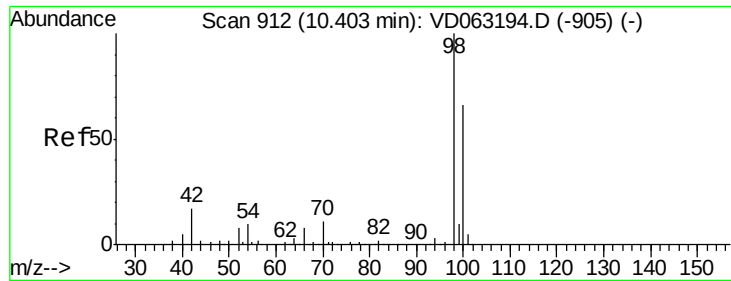
#35
 Dibromofluoromethane
 Concen: 54.785 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063332.D
 Acq: 2 Aug 2019 23:39

Tgt Ion:113 Resp: 655575
 Ion Ratio Lower Upper
 113 100
 111 97.0 83.2 124.8
 192 17.5 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

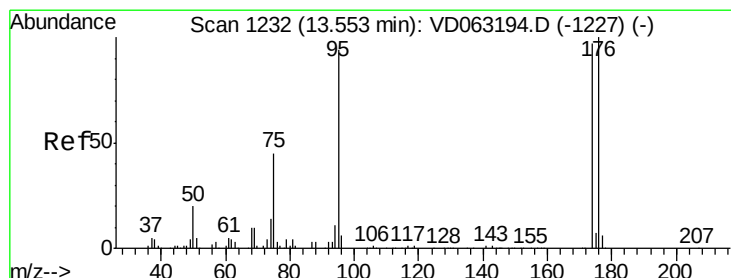
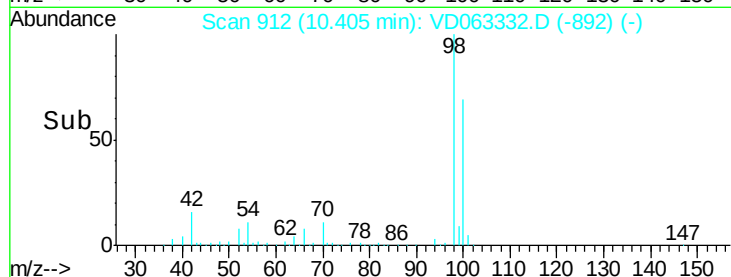
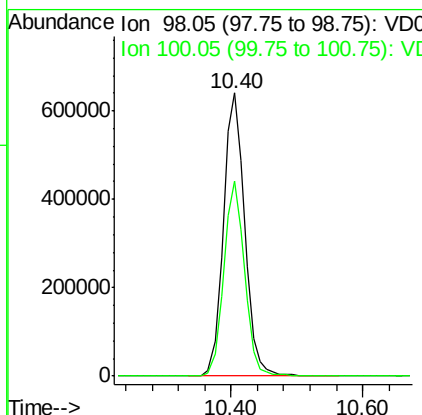
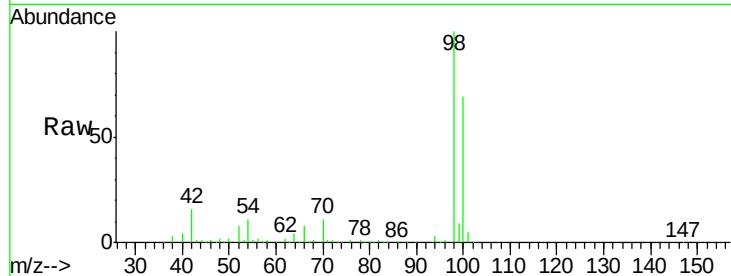




#50
Toluene-d8
Concen: 54.158 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063332.D
Acq: 2 Aug 2019 23:39

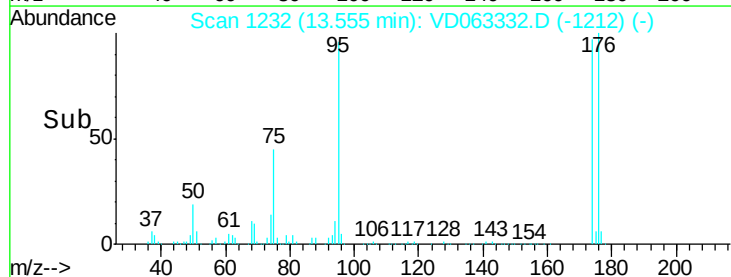
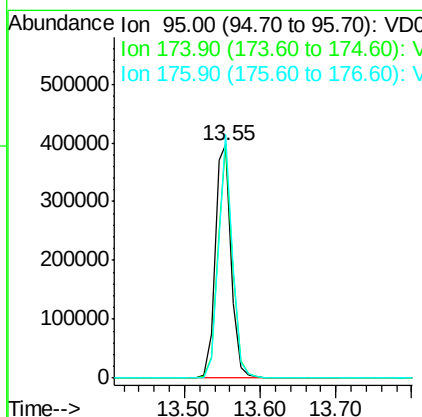
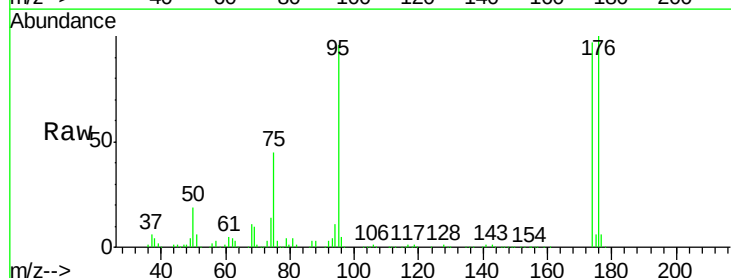
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL02

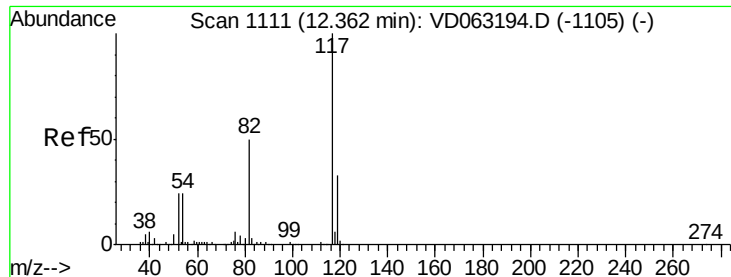
Tot Ion: 98 Resp: 1450397
Ion Ratio Lower Upper
98 100
100 69.0 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.678 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063332.D
Acq: 2 Aug 2019 23:39

Tgt Ion: 95 Resp: 594057
Ion Ratio Lower Upper
95 100
174 100.8 0.0 205.4
176 104.4 0.0 211.8

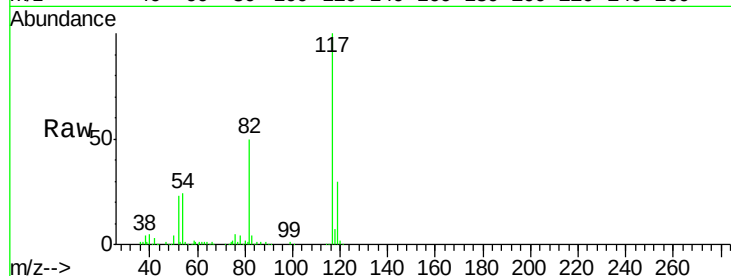




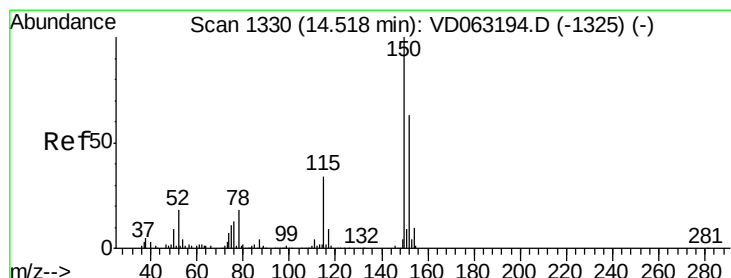
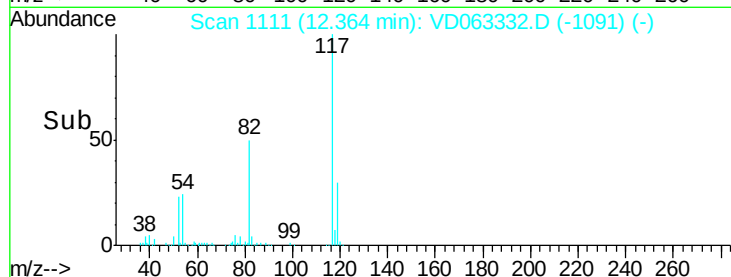
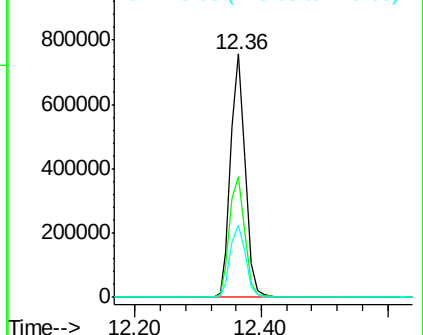
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063332.D
Acq: 2 Aug 2019 23:39

Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL02

Tot Ion:117 Resp: 1201805
Ion Ratio Lower Upper
117 100
82 49.8 40.1 60.1
119 29.8 26.5 39.7

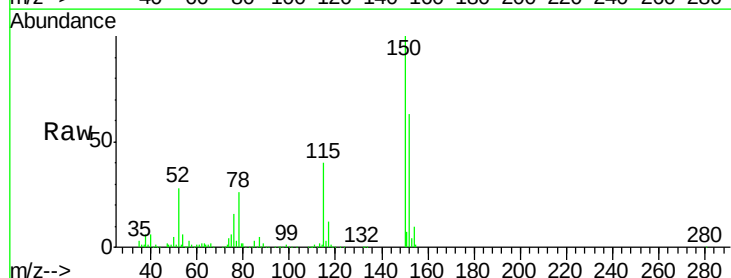


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063332.D
Acq: 2 Aug 2019 23:39

Tgt Ion:152 Resp: 639884
Ion Ratio Lower Upper
152 100
115 63.5 27.5 82.4
150 159.8 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

