

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063360.D
 Acq On : 3 Aug 2019 14:40
 Operator : VA/AP
 Sample : K4136-05
 Misc : 4.92g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-C4-(0-1)

Quant Time: Aug 04 06:27:24 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	1054593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1504713	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1201566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	633556	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	556753	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
35) Dibromofluoromethane	6.92	113	595361	46.34	ug/l	0.02
Spiked Amount	50.000		Recovery	=	92.68%	
50) Toluene-d8	10.41	98	1335700	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
62) 4-Bromofluorobenzene	13.55	95	554139	42.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.58%	

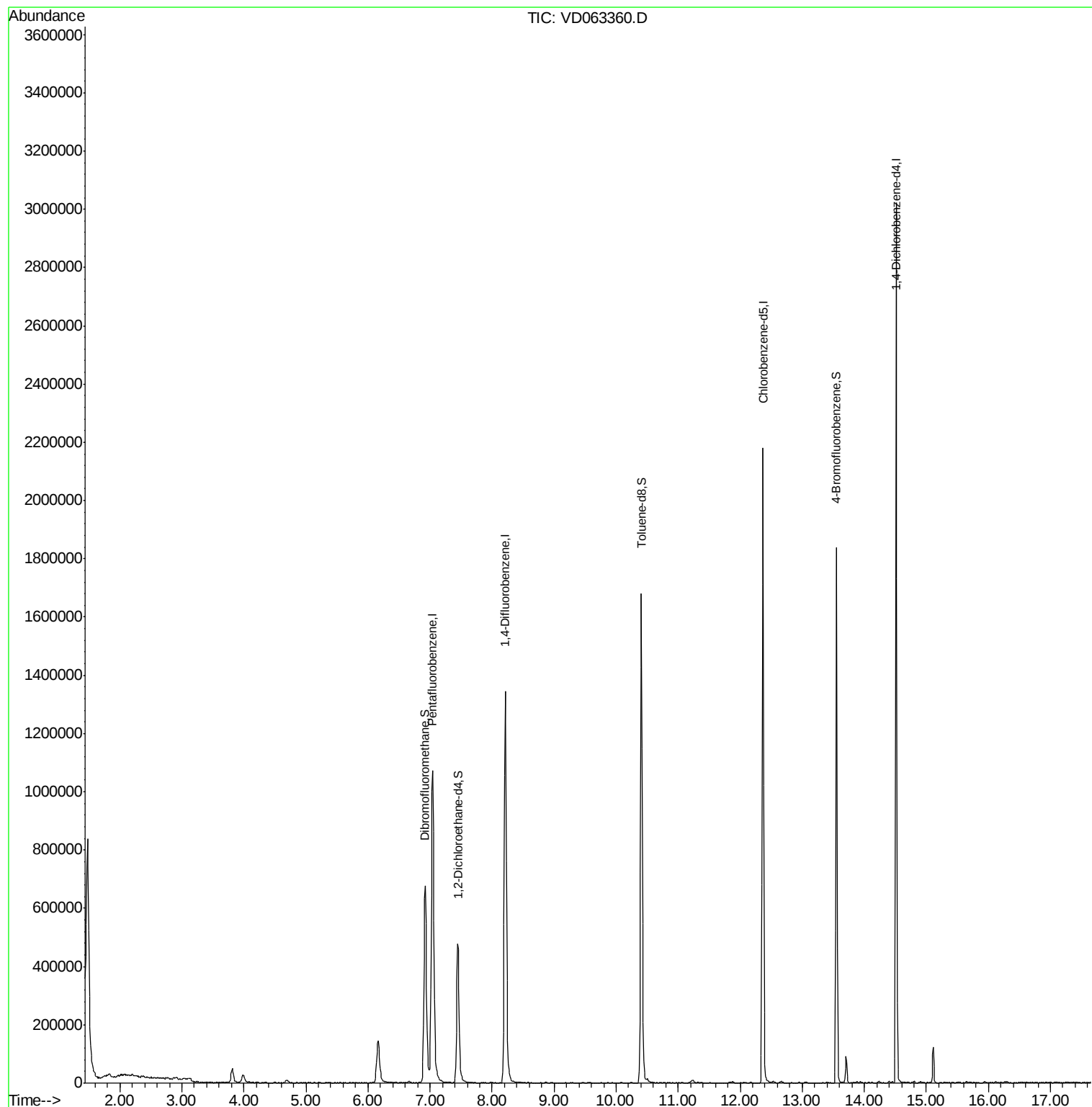
Target Compounds	Qvalue

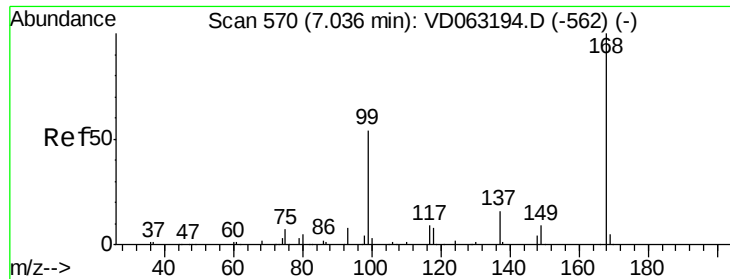
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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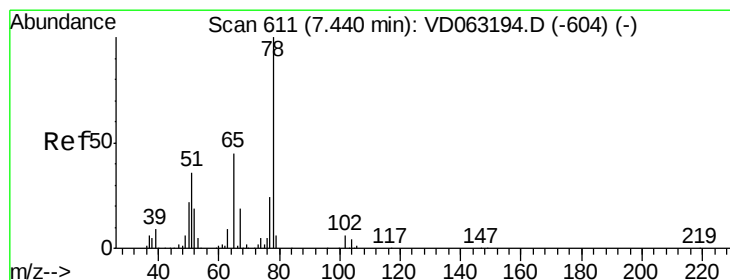
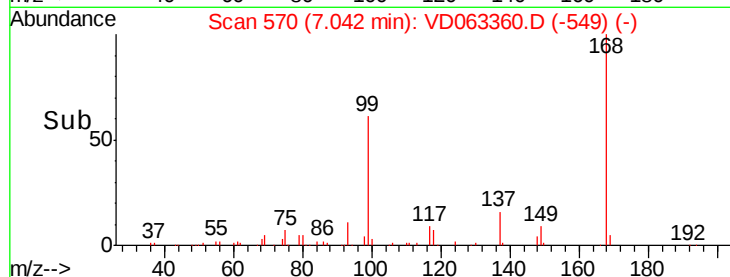
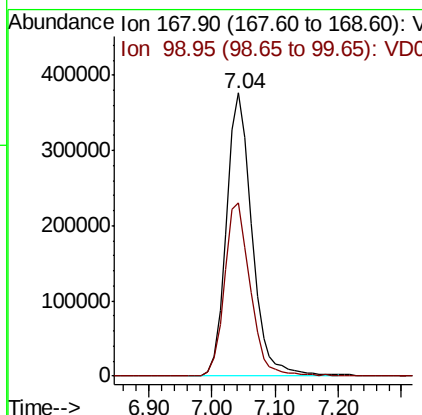
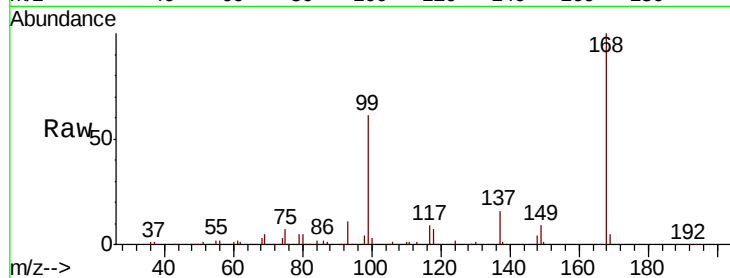




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.01 min
Lab File: VD063360.D
Acq: 3 Aug 2019 14:40

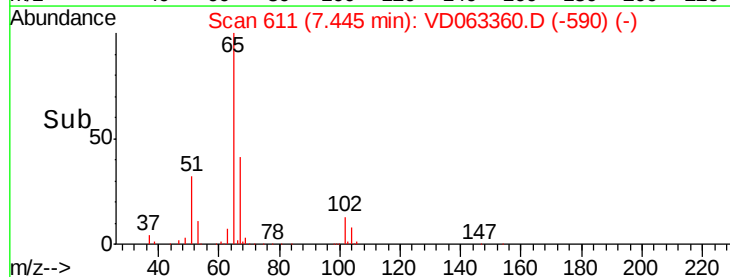
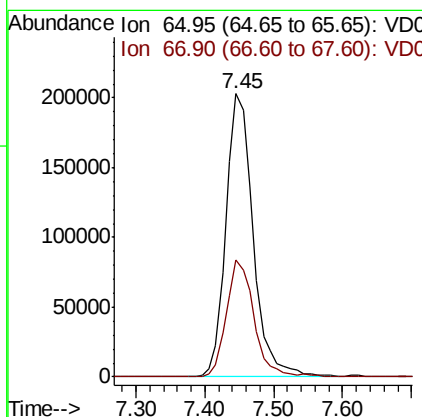
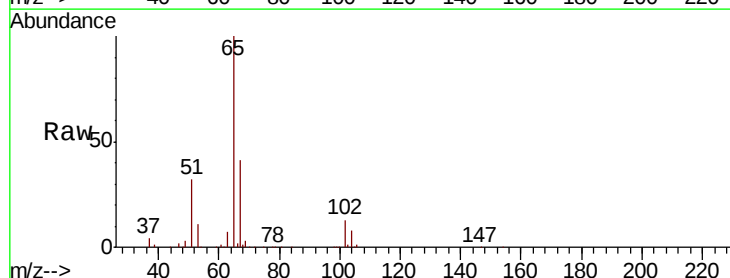
Instrument :
MSVOA_D
ClientSampleId :
1S-C4-(0-1)

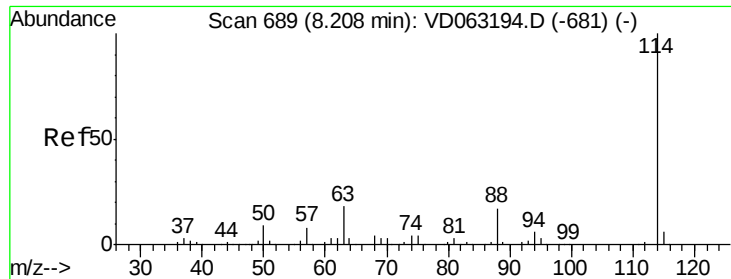
Tot Ion:168 Resp: 1054593
Ion Ratio Lower Upper
168 100
99 61.1 43.7 65.5



#33
1,2-Dichloroethane-d4
Concen: 47.579 ug/l
RT: 7.45 min Scan# 611
Delta R.T. 0.01 min
Lab File: VD063360.D
Acq: 3 Aug 2019 14:40

Tgt Ion: 65 Resp: 556753
Ion Ratio Lower Upper
65 100
67 41.3 0.0 85.8

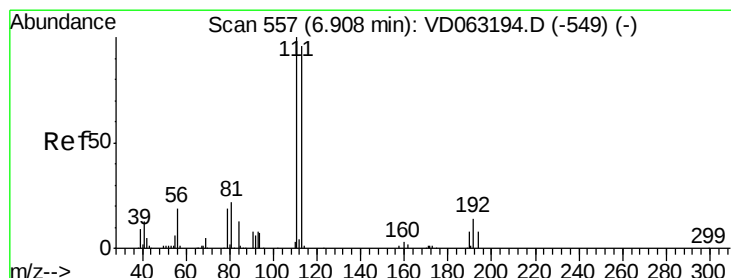
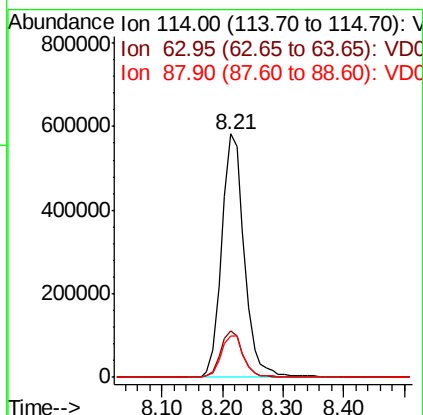
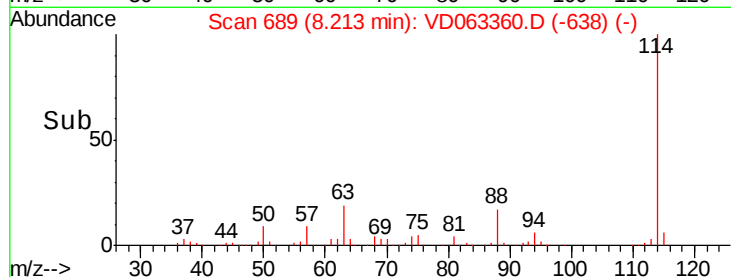
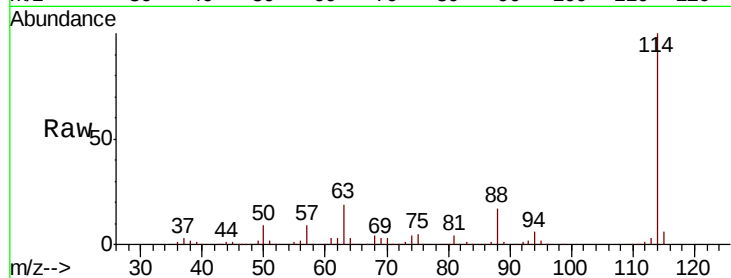




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD063360.D
 Acq: 3 Aug 2019 14:40

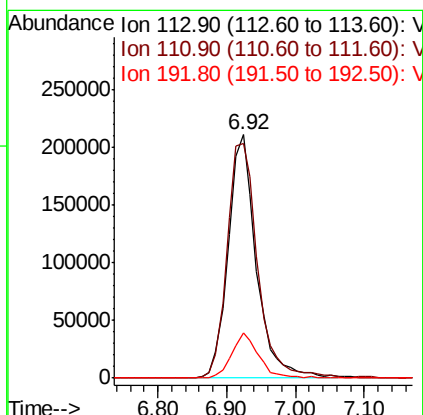
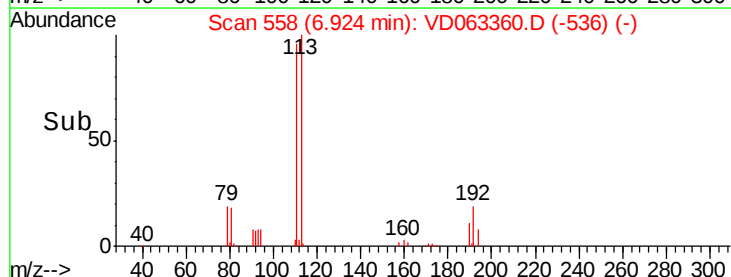
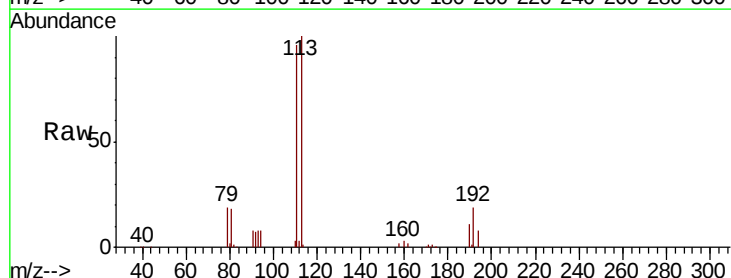
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-C4-(0-1)

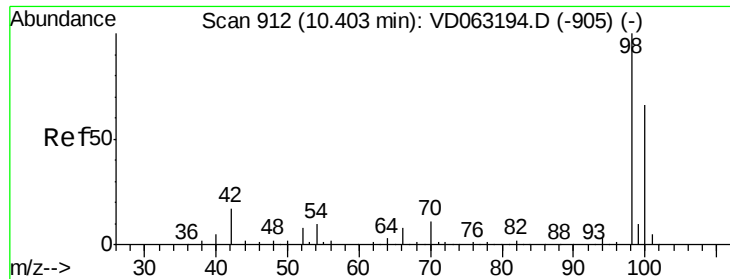
Tot Ion:114 Resp: 1504713
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 35.2
 88 16.8 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 46.342 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD063360.D
 Acq: 3 Aug 2019 14:40

Tgt Ion:113 Resp: 595361
 Ion Ratio Lower Upper
 113 100
 111 96.5 83.2 124.8
 192 18.6 11.8 17.8#

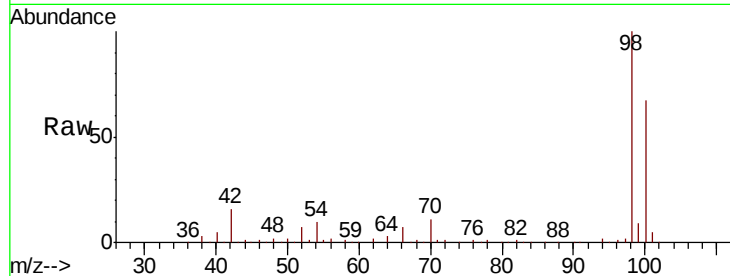




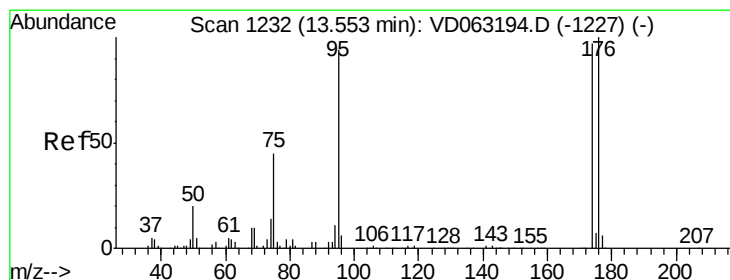
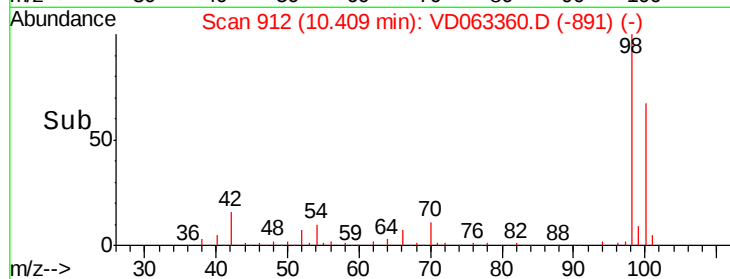
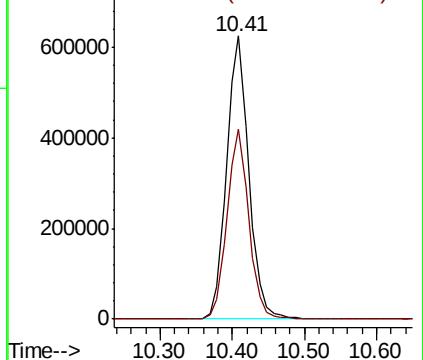
#50
Toluene-d8
Concen: 46.457 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD063360.D
Acq: 3 Aug 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
1S-C4-(0-1)

Tot Ion: 98 Resp: 1335700
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8

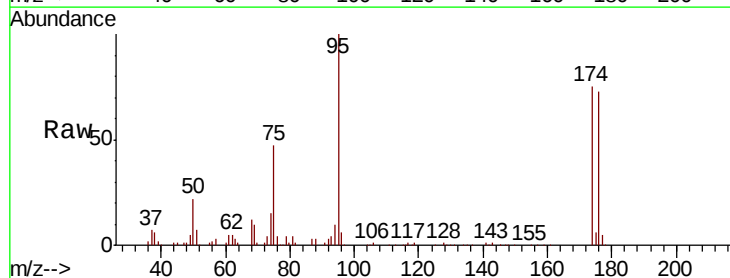


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

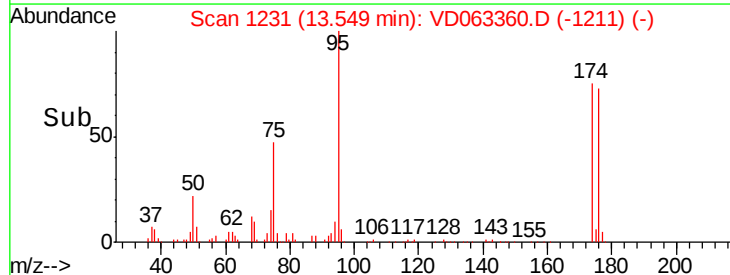
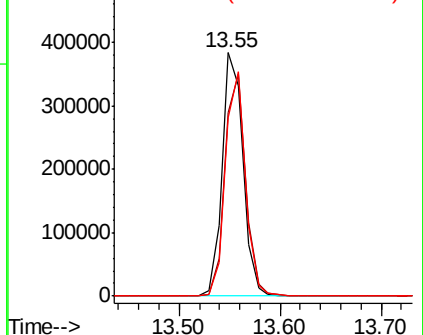


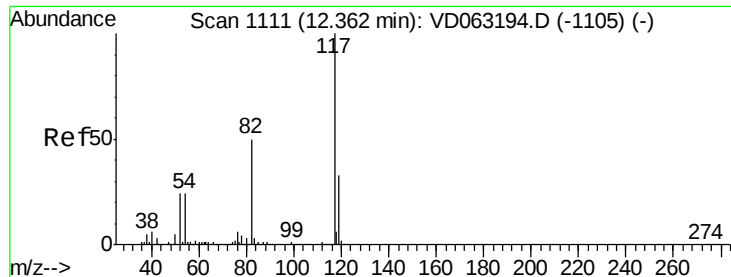
#62
4-Bromofluorobenzene
Concen: 42.294 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD063360.D
Acq: 3 Aug 2019 14:40

Tgt Ion: 95 Resp: 554139
Ion Ratio Lower Upper
95 100
174 75.2 0.0 205.4
176 73.3 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

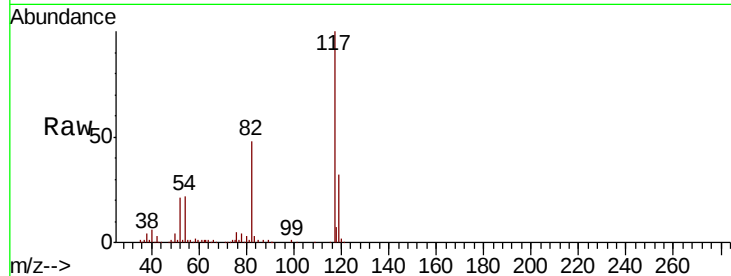




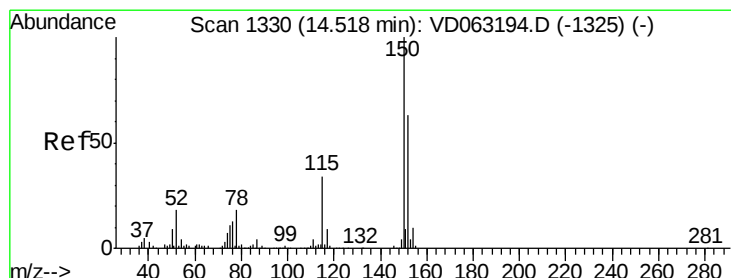
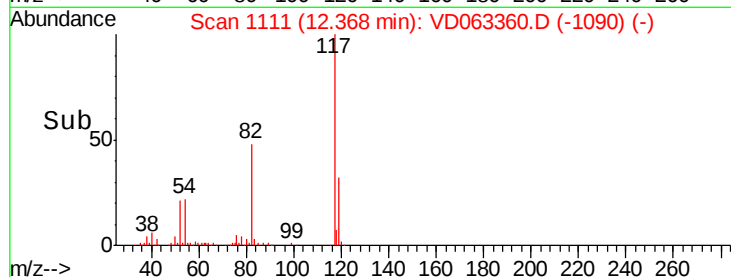
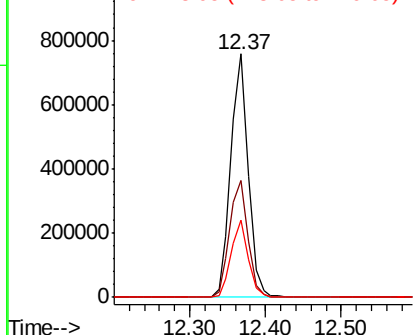
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063360.D
Acq: 3 Aug 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
1S-C4-(0-1)

Tot Ion:117 Resp: 1201566
Ion Ratio Lower Upper
117 100
82 47.9 40.1 60.1
119 31.6 26.5 39.7

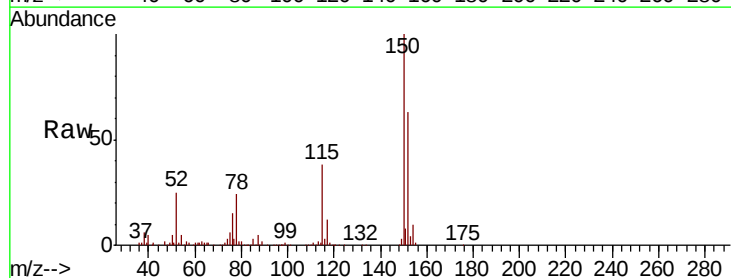


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063360.D
Acq: 3 Aug 2019 14:40

Tgt Ion:152 Resp: 633556
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.4
150 159.3 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

