

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061508.D
 Acq On : 2 Apr 2019 11:48
 Operator : VA/AP
 Sample : K2179-10
 Misc : 6.09g/5ml/MSVOA D/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8S2

Quant Time: Apr 03 01:29:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	593348	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1041128	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	926565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	389376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	287132	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
35) Dibromofluoromethane	6.91	113	405611	50.98	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.96%	
50) Toluene-d8	10.40	98	945047	49.52	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	13.55	95	352111	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
Target Compounds						
16) Acetone	3.22	43	49512	37.999	ug/l	97
18) Methyl Acetate	3.64	43	31643	11.550	ug/l	99
20) Methylene Chloride	3.81	84	142429	18.295	ug/l	98
40) Benzene	7.45	78	30541	1.339	ug/l	95
52) Toluene	10.50	92	273106	19.630	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

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MSVOA_D

ClientSampleId :

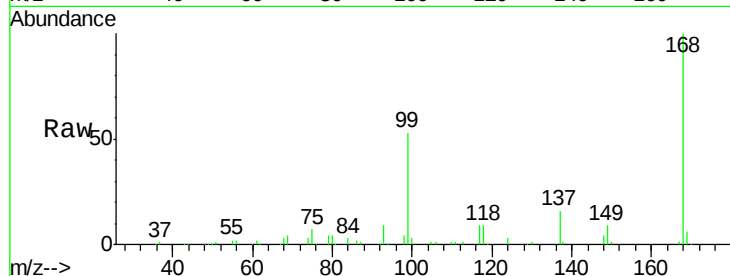
TP-8S2

Tot Ion:168 Resp: 593348

Ion Ratio Lower Upper

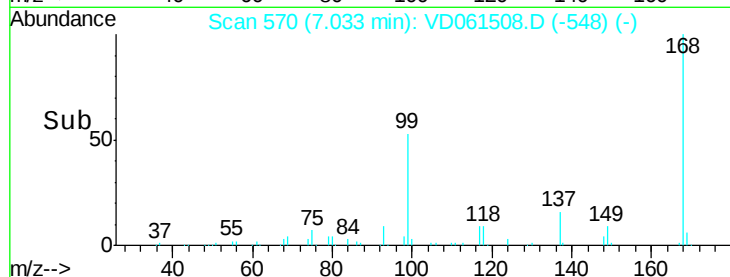
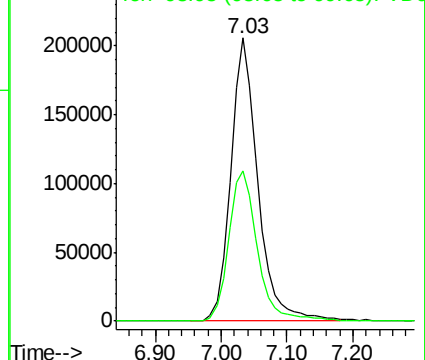
168 100

99 53.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 37.999 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061508.D

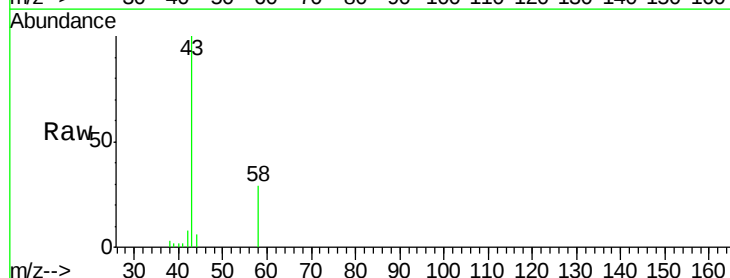
Acq: 2 Apr 2019 11:48

Tgt Ion: 43 Resp: 49512

Ion Ratio Lower Upper

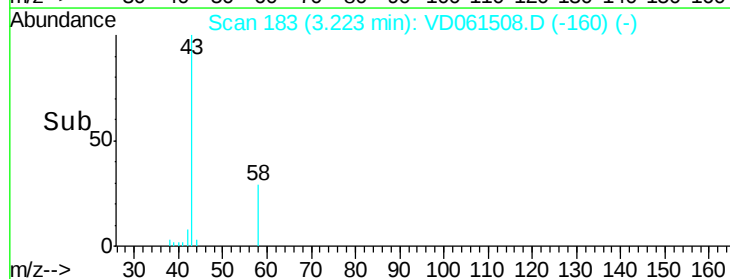
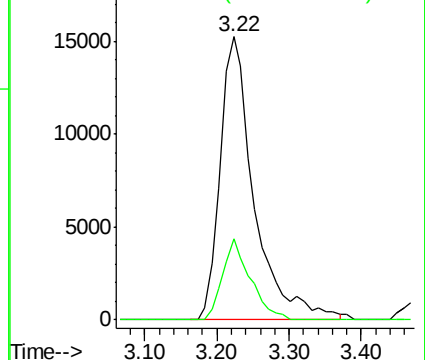
43 100

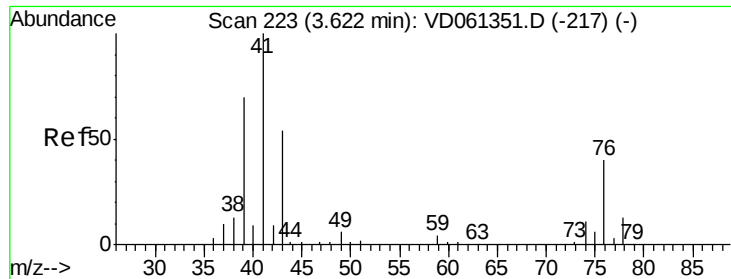
58 28.7 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

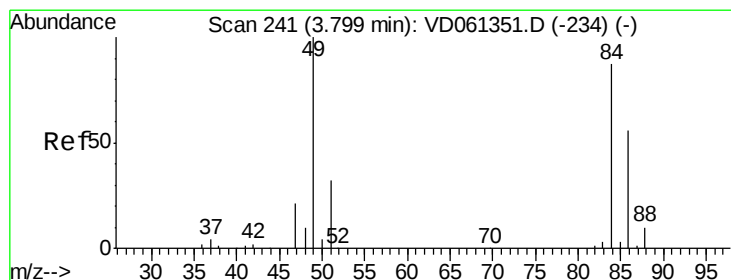
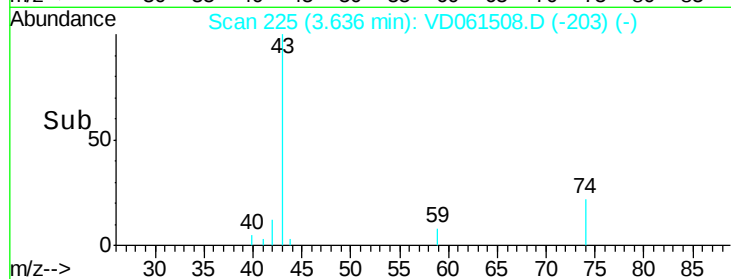
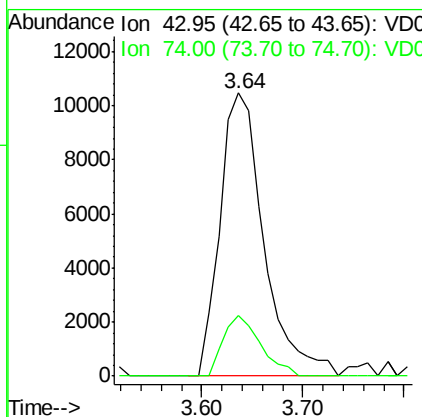
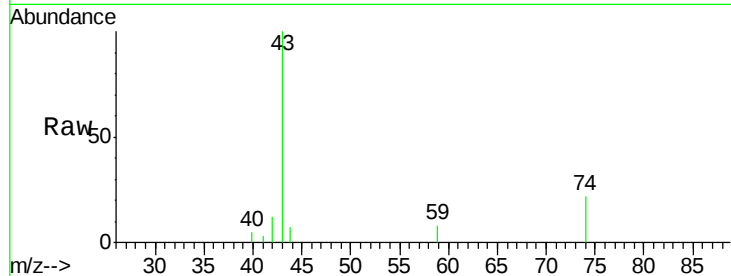




#18
Methyl Acetate
Concen: 11.550 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

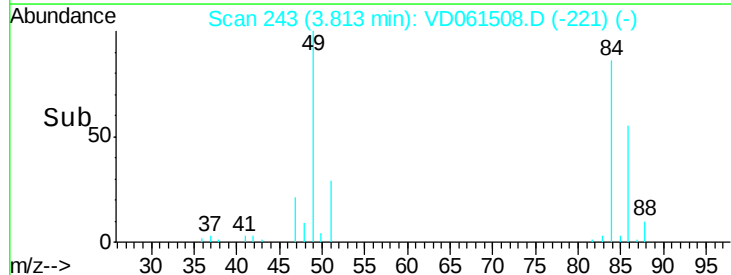
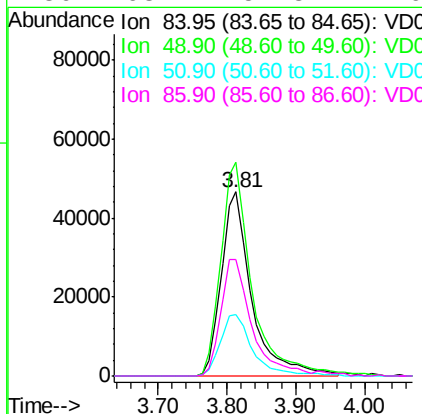
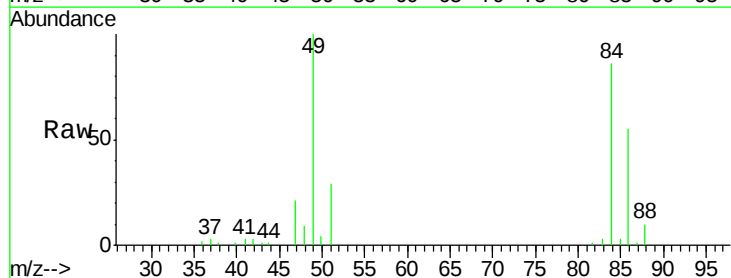
Instrument :
MSVOA_D
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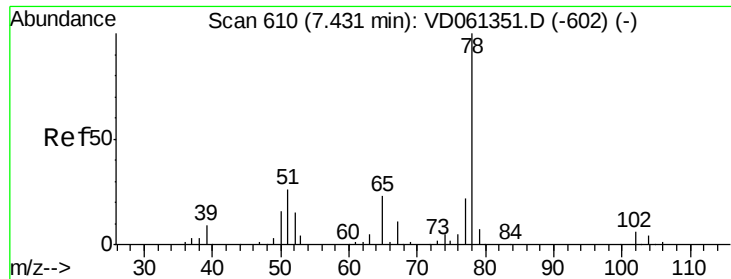
Tot Ion: 43 Resp: 31643
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1



#20
Methylene Chloride
Concen: 18.295 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

Tgt Ion: 84 Resp: 142429
Ion Ratio Lower Upper
84 100
49 116.2 91.8 137.8
51 33.2 29.8 44.8
86 63.4 51.8 77.6

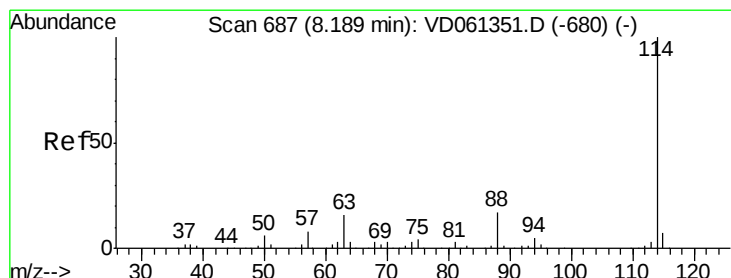
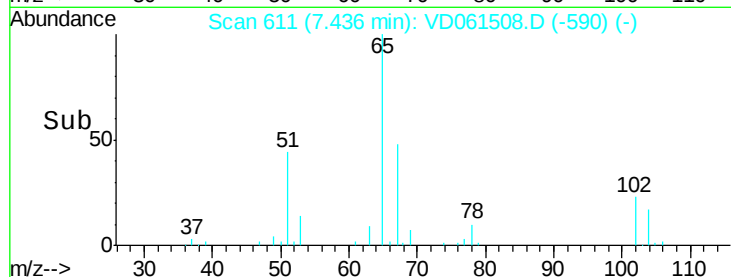
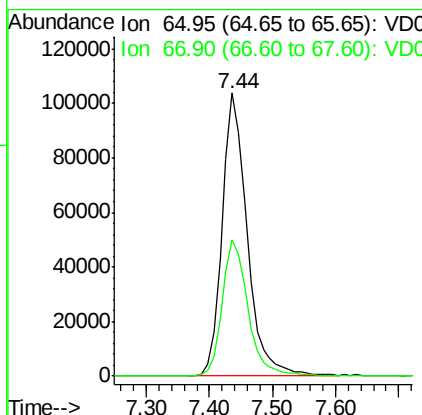
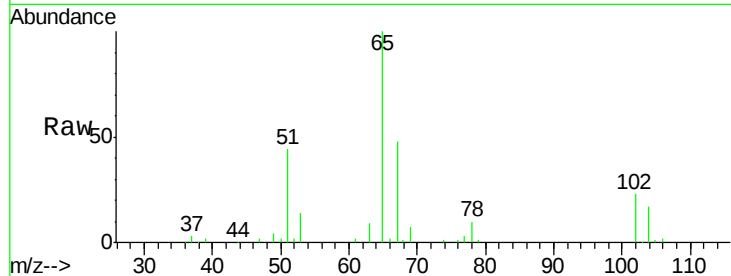




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

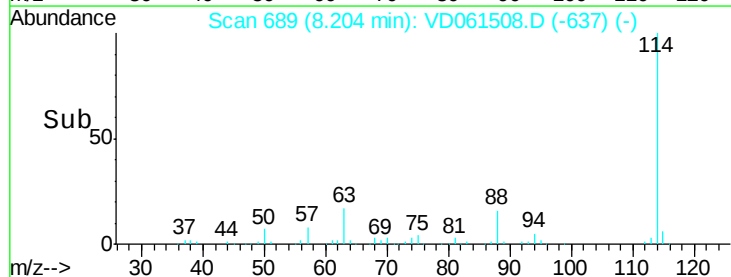
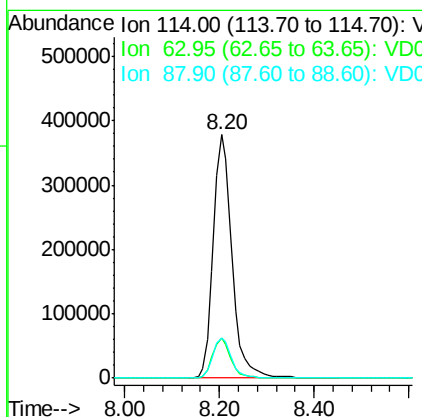
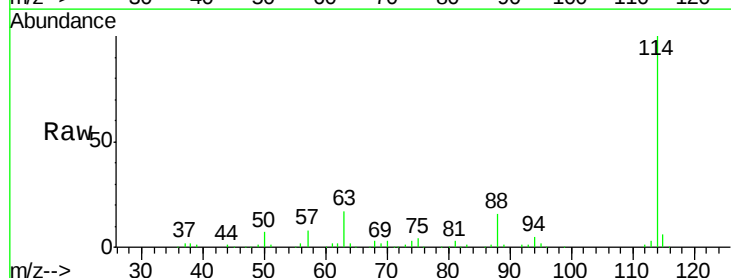
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8S2

Tot Ion: 65 Resp: 287132
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

Tgt Ion: 114 Resp: 1041128
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.6
 88 16.3 0.0 33.4

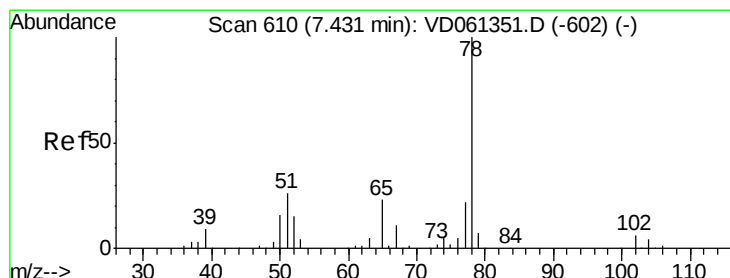
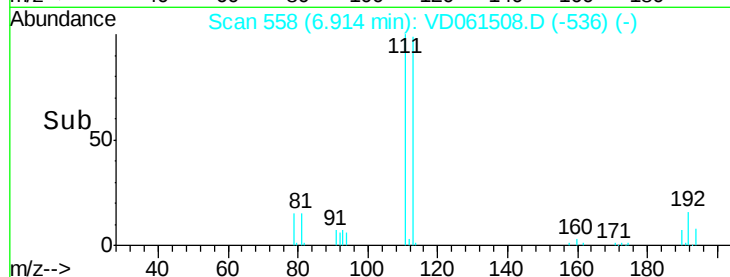
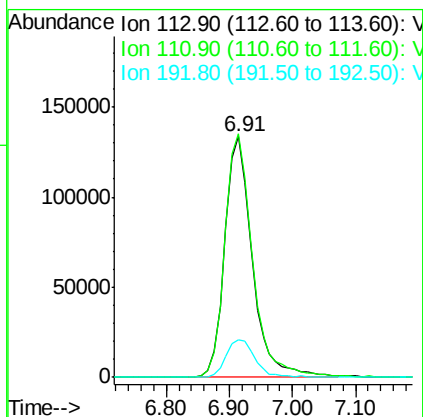
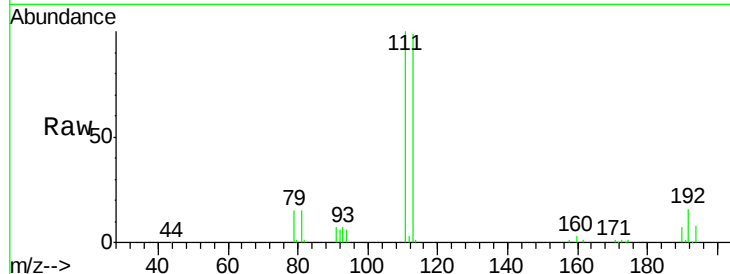




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

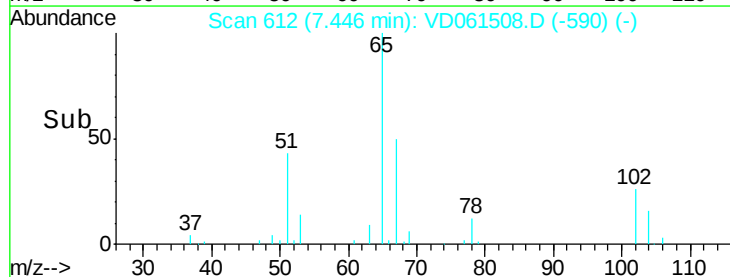
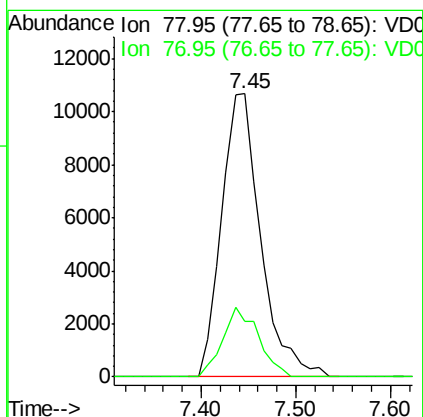
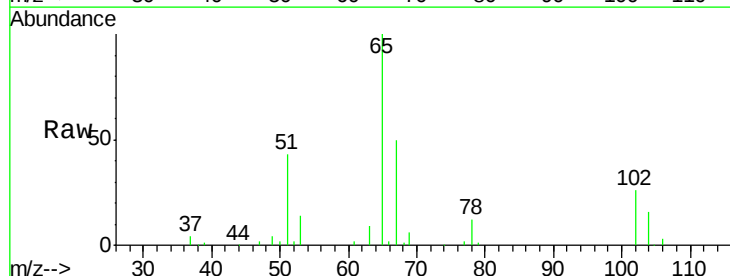
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8S2

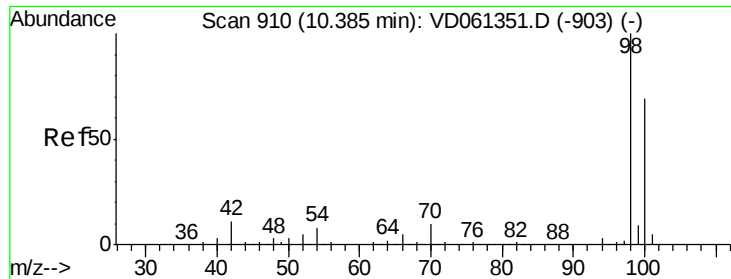
Tot Ion:113 Resp: 405611
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.0 121.6
 192 15.7 14.4 21.6



#40
 Benzene
 Concen: 1.339 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

Tgt Ion: 78 Resp: 30541
 Ion Ratio Lower Upper
 78 100
 77 19.6 17.8 26.6

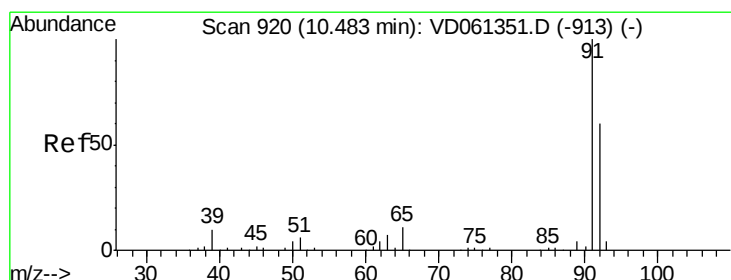
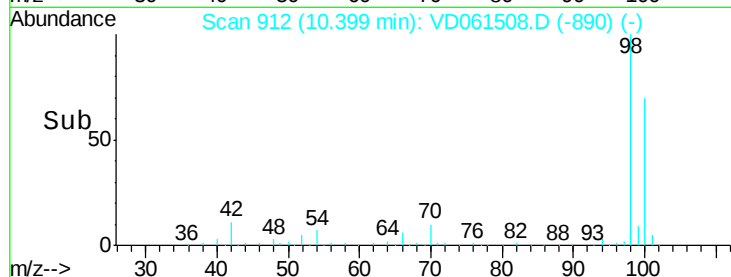
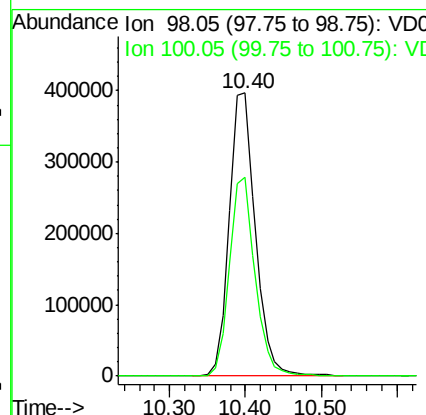
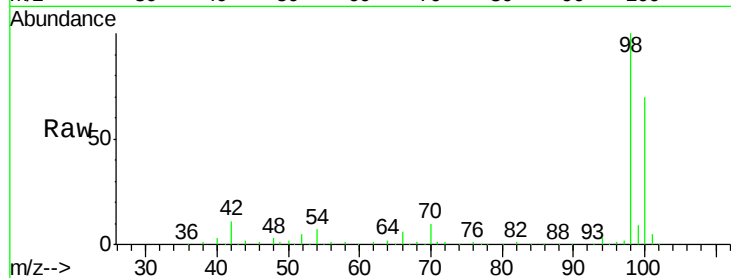




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

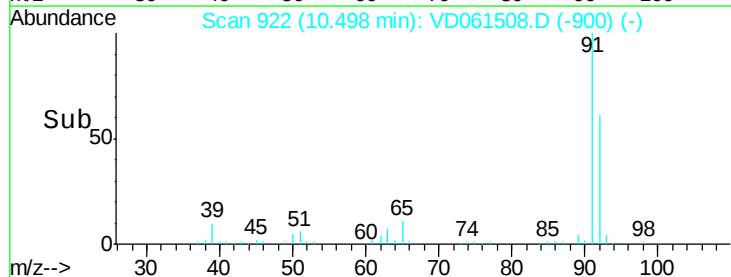
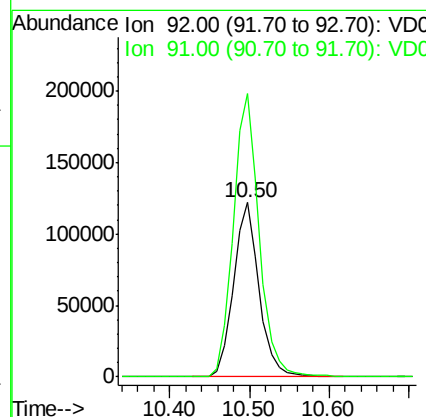
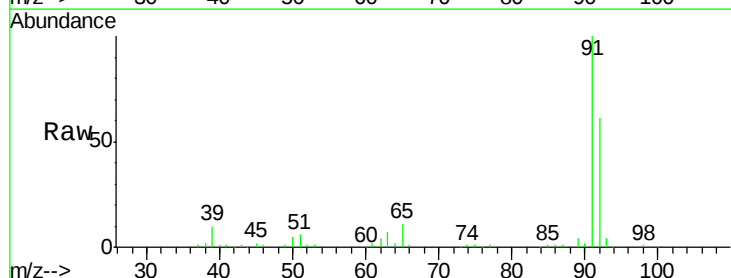
Instrument :
MSVOA_D
ClientSampleId :
TP-8S2

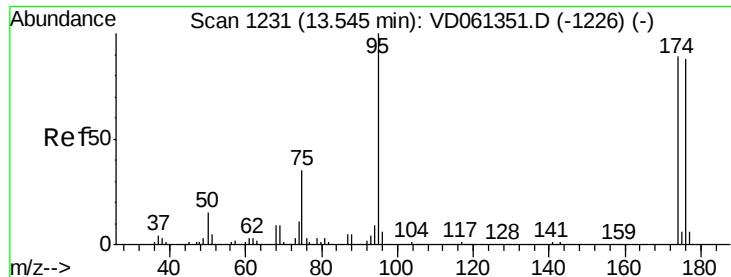
Tot Ion: 98 Resp: 945047
Ion Ratio Lower Upper
98 100
100 70.1 56.2 84.2



#52
Toluene
Concen: 19.630 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.01 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

Tgt Ion: 92 Resp: 273106
Ion Ratio Lower Upper
92 100
91 162.7 133.3 199.9

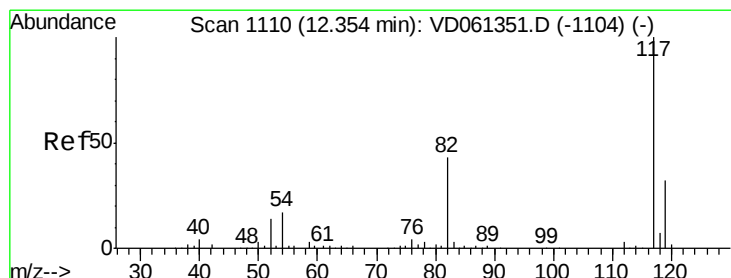
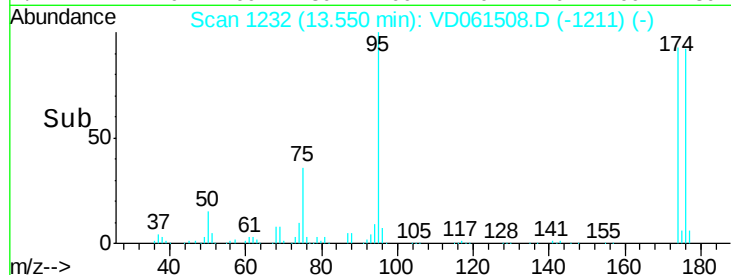
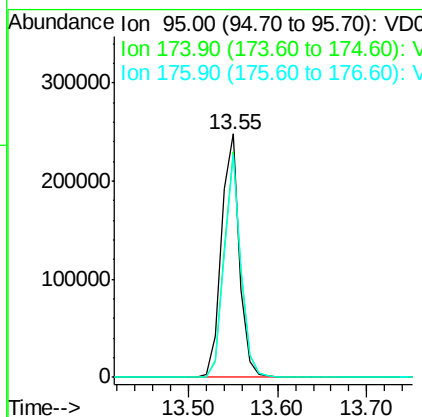
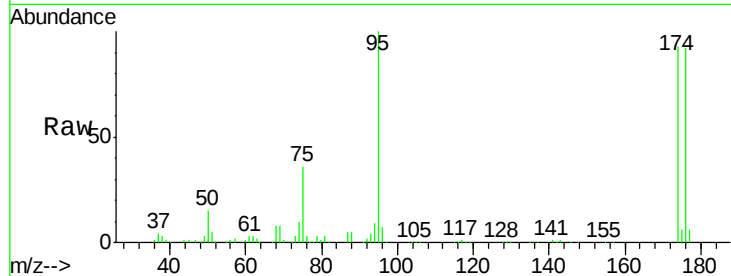




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

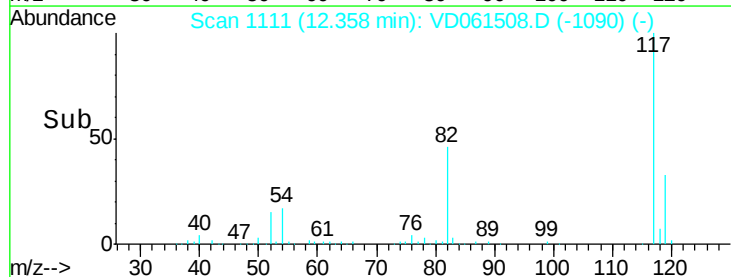
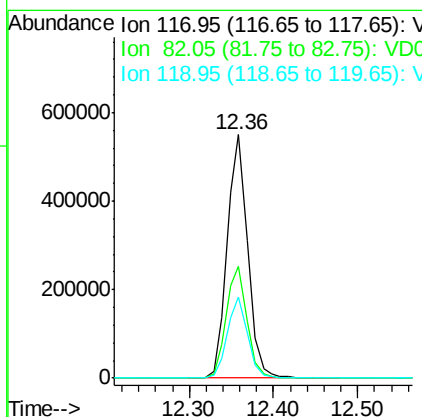
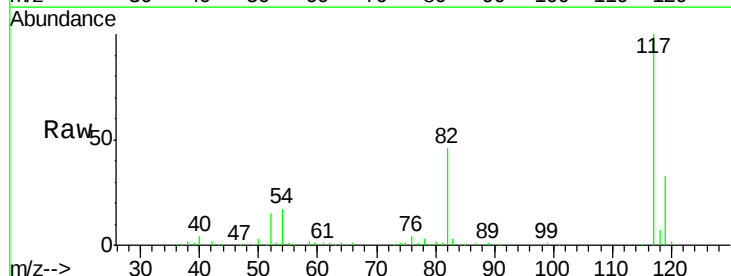
Instrument :
MSVOA_D
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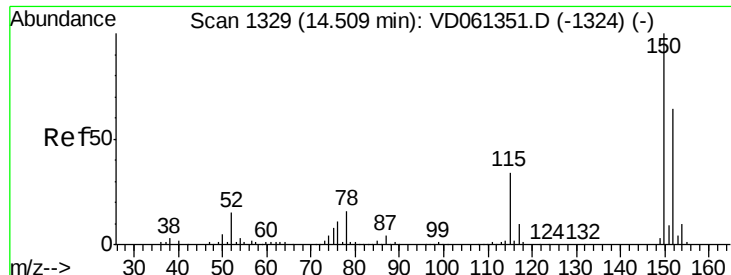
Tot Ion: 95 Resp: 352111
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.0
176 91.8 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

Tgt Ion: 117 Resp: 926565
Ion Ratio Lower Upper
117 100
82 46.0 34.4 51.6
119 33.3 25.8 38.6

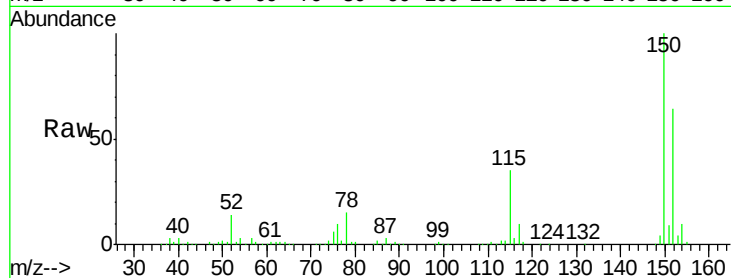




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8S2

Tot Ion:152 Resp: 389376
 Ion Ratio Lower Upper
 152 100
 115 54.2 26.9 80.6
 150 156.9 0.0 318.0



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

