

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061493.D
 Acq On : 2 Apr 2019 4:26
 Operator : VA/AP
 Sample : K1689-03RE
 Misc : 7.26g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-032919-ARE

Quant Time: Apr 02 06:50:54 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

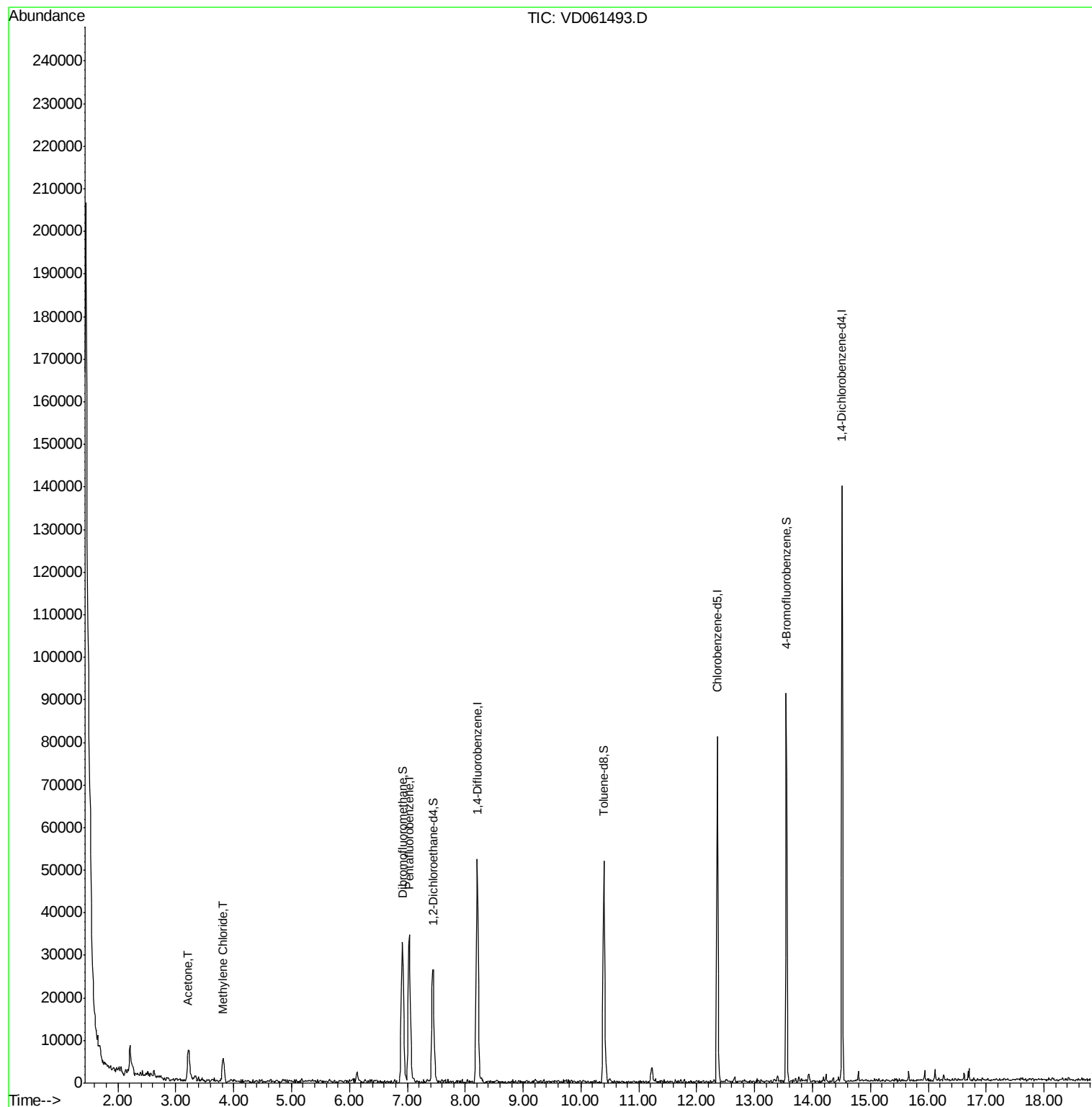
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	37301	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	68668	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.35	117	54483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	29078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	29085	91.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	182.56%	
35) Dibromofluoromethane	6.92	113	33338	63.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	127.06%	
50) Toluene-d8	10.39	98	47569	37.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.60%	
62) 4-Bromofluorobenzene	13.54	95	29654	61.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.88%	
Target Compounds						
16) Acetone	3.23	43	15557	189.924	ug/l #	89
20) Methylene Chloride	3.83	84	3667	6.314	ug/l #	81

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061493.D

Acq: 2 Apr 2019 4:26

Instrument :

MSVOA_D

ClientSampleId :

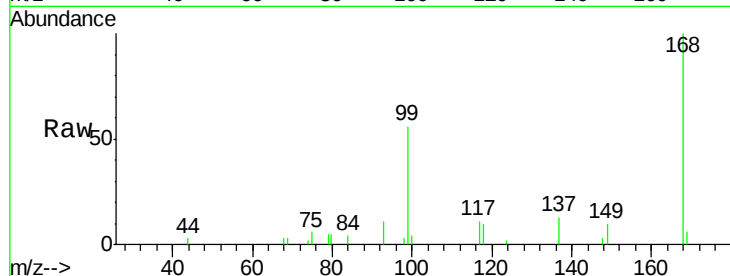
NB-08-032919-ARE

Tot Ion:168 Resp: 37301

Ion Ratio Lower Upper

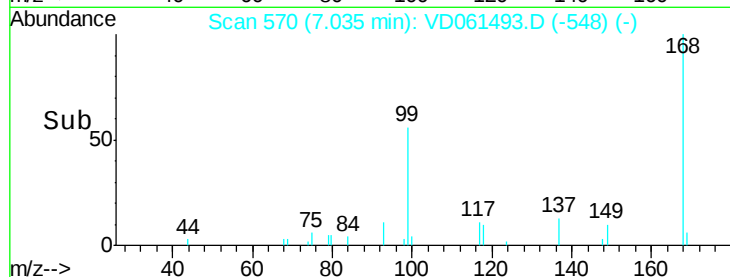
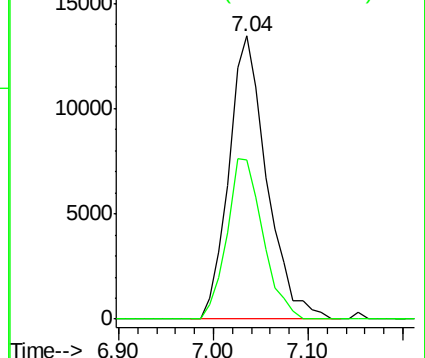
168 100

99 56.3 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: 189.924 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061493.D

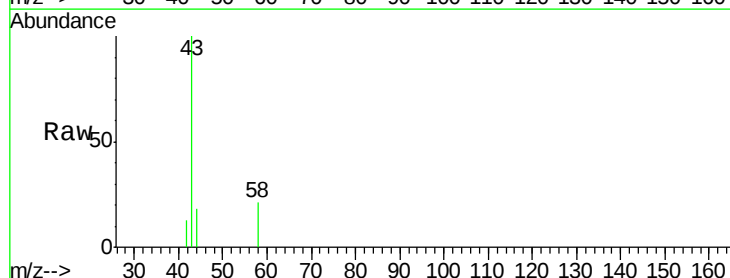
Acq: 2 Apr 2019 4:26

Tgt Ion: 43 Resp: 15557

Ion Ratio Lower Upper

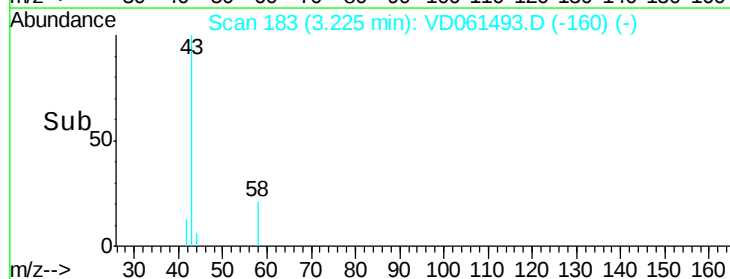
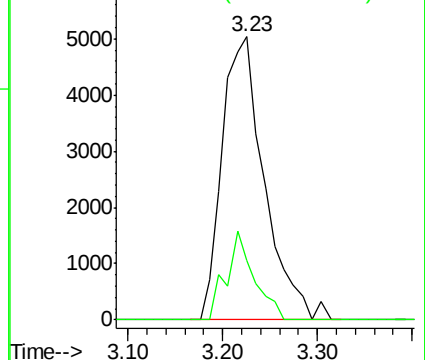
43 100

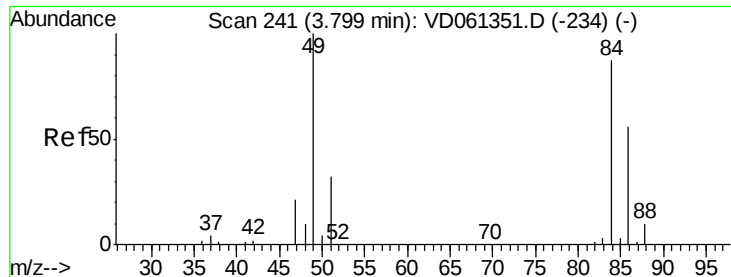
58 21.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

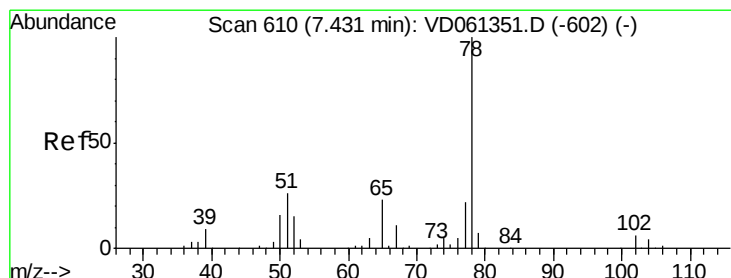
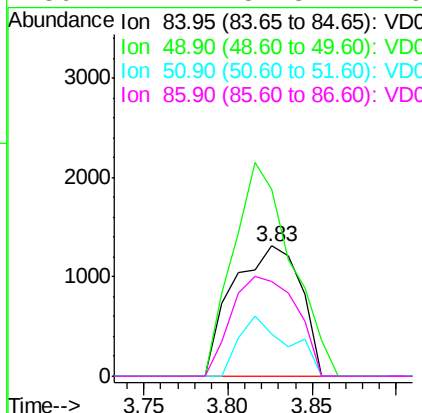
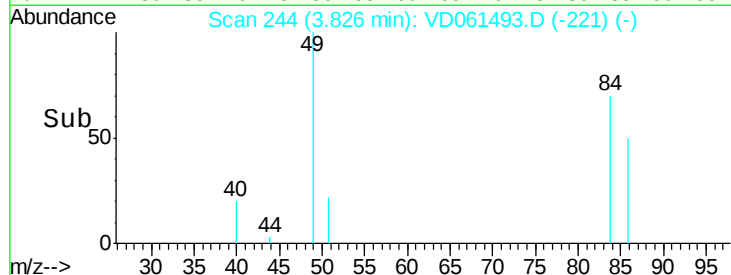
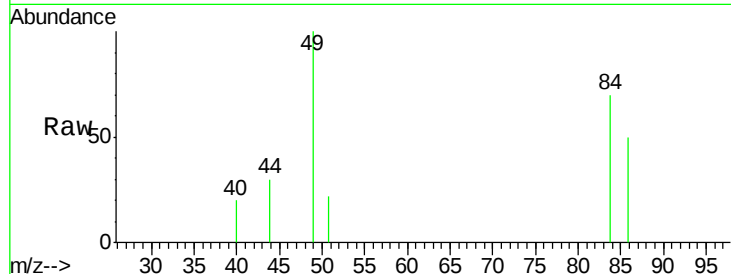




#20
Methylene Chloride
Concen: 6.314 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD061493.D
Acq: 2 Apr 2019 4:26

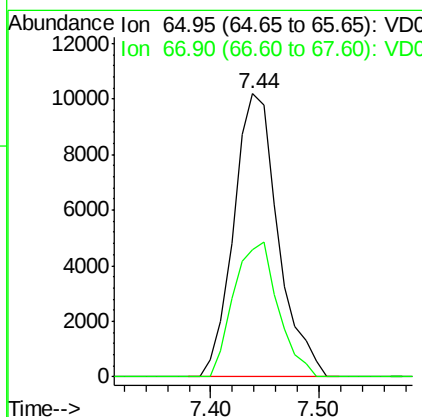
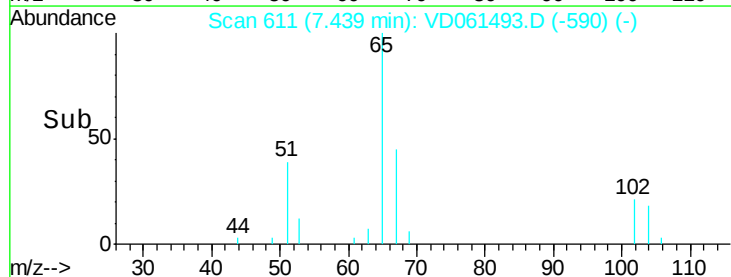
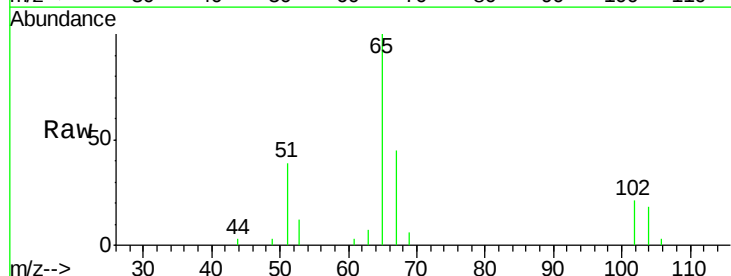
Instrument :
MSVOA_D
ClientSampleId :
NB-08-032919-ARE

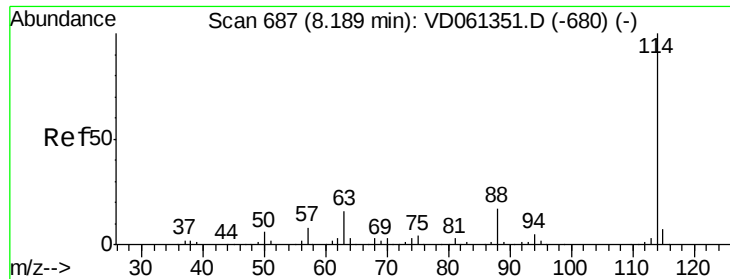
Tot Ion: 84 Resp: 3667
Ion Ratio Lower Upper
84 100
49 143.7 91.8 137.8#
51 32.1 29.8 44.8
86 72.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.01 min
Lab File: VD061493.D
Acq: 2 Apr 2019 4:26

Tgt Ion: 65 Resp: 29085
Ion Ratio Lower Upper
65 100
67 45.0 0.0 99.8

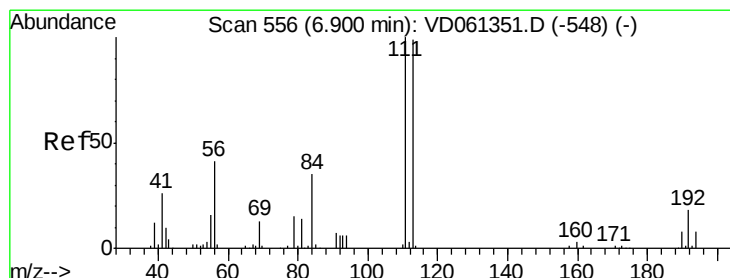
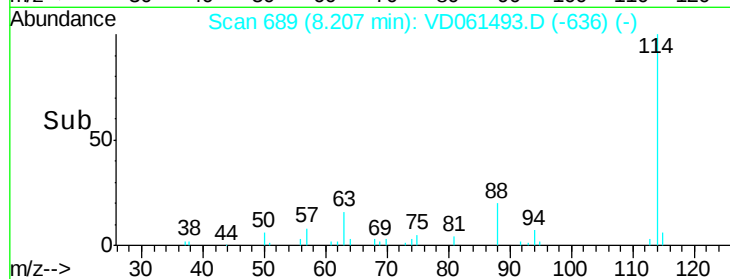
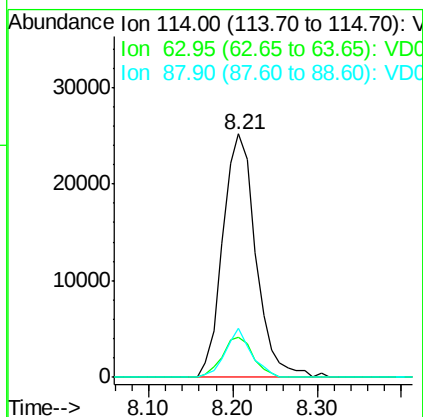
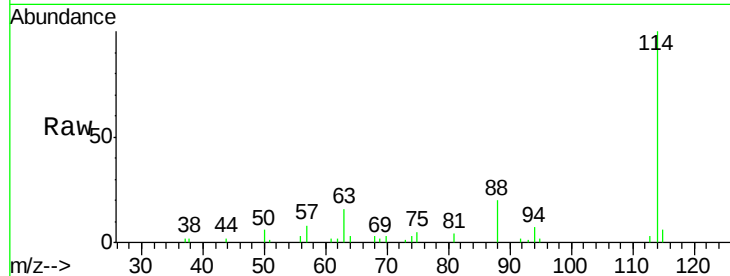




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061493.D
 Acq: 2 Apr 2019 4:26

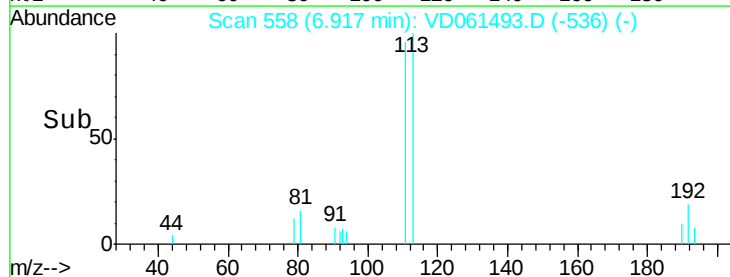
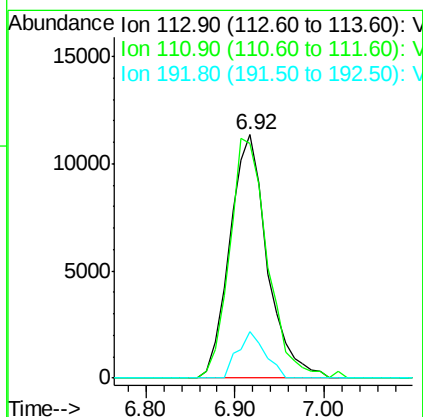
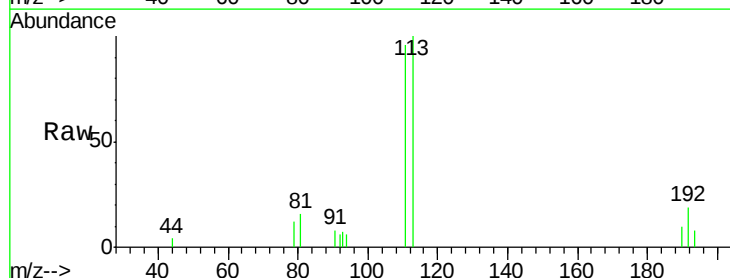
Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-032919-ARE

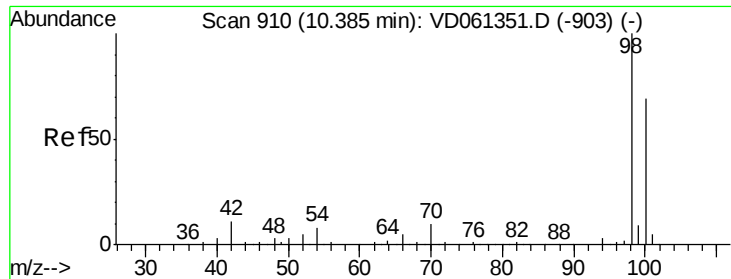
Tot Ion:114 Resp: 68668
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 31.6
 88 20.3 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061493.D
 Acq: 2 Apr 2019 4:26

Tgt Ion:113 Resp: 33338
 Ion Ratio Lower Upper
 113 100
 111 96.4 81.0 121.6
 192 19.1 14.4 21.6

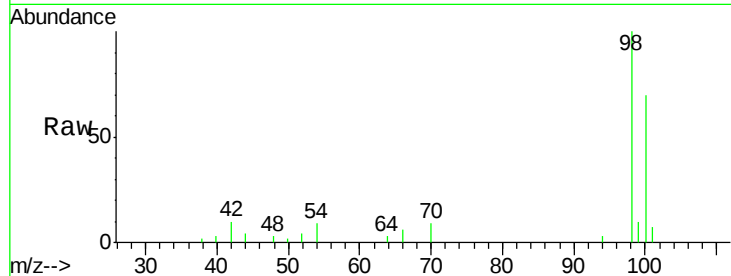




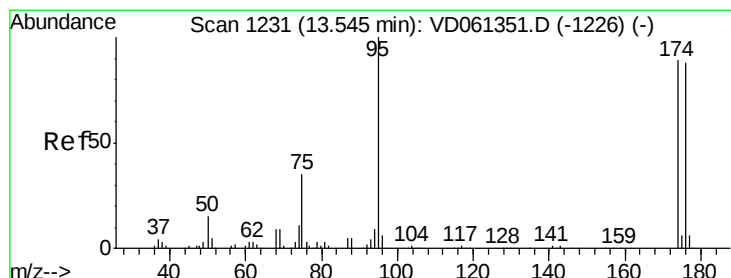
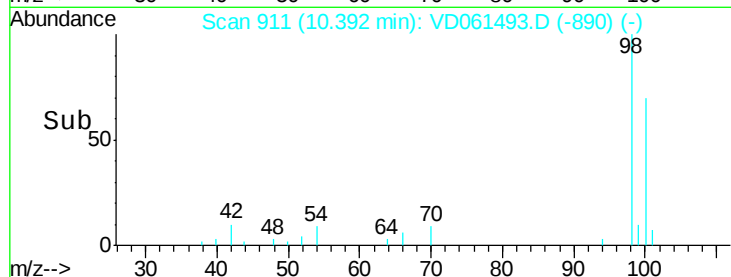
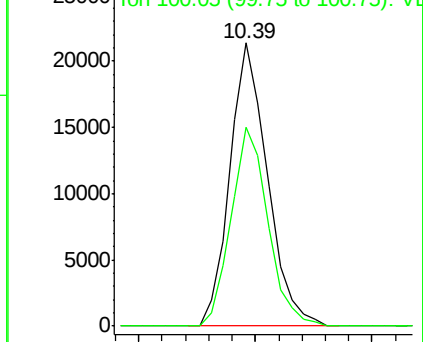
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061493.D
Acq: 2 Apr 2019 4:26

Instrument :
MSVOA_D
ClientSampleId :
NB-08-032919-ARE

Tot Ion: 98 Resp: 47569
Ion Ratio Lower Upper
98 100
100 70.5 56.2 84.2

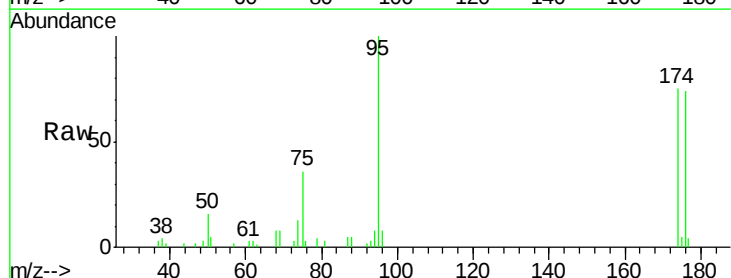


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

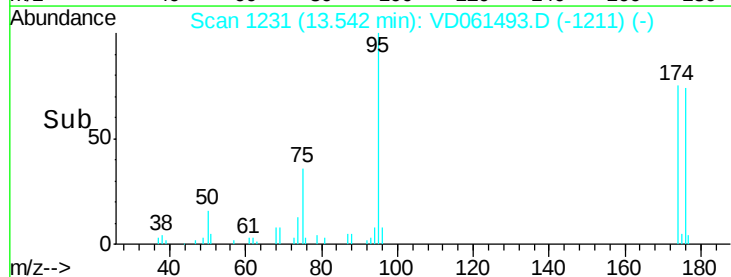
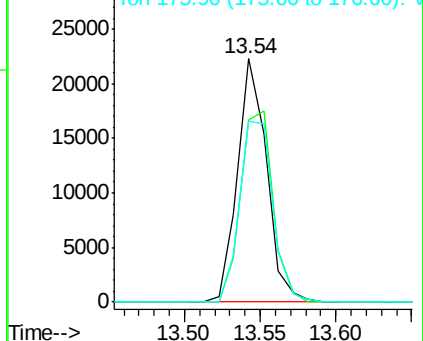


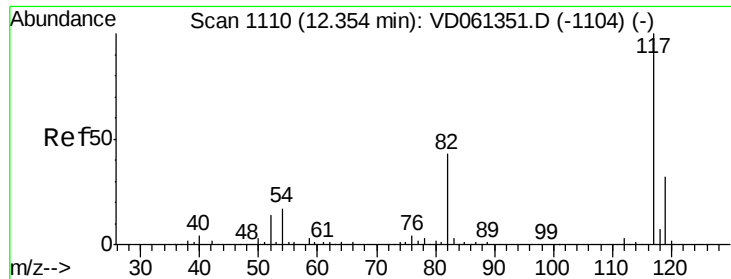
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061493.D
Acq: 2 Apr 2019 4:26

Tgt Ion: 95 Resp: 29654
Ion Ratio Lower Upper
95 100
174 74.6 0.0 178.0
176 74.2 0.0 175.0



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: 12.35 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD061493.D

Acq: 2 Apr 2019 4:26

Instrument :

MSVOA_D

ClientSampleId :

NB-08-032919-ARE

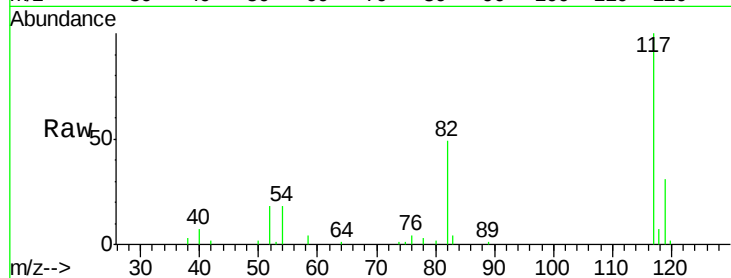
Tot Ion:117 Resp: 54483

Ion Ratio Lower Upper

117 100

82 48.9 34.4 51.6

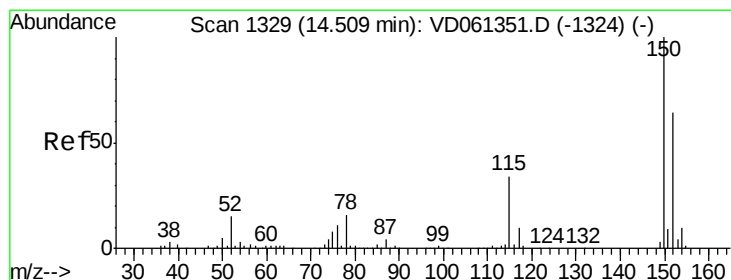
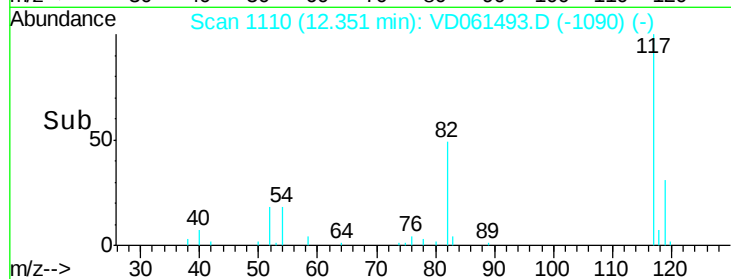
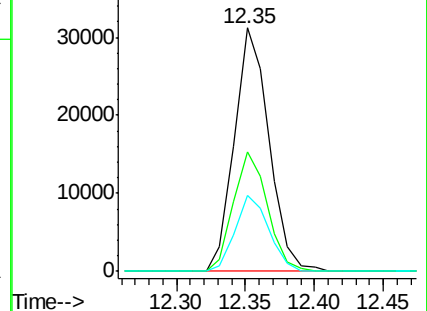
119 31.0 25.8 38.6



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: VD061493.D

Acq: 2 Apr 2019 4:26

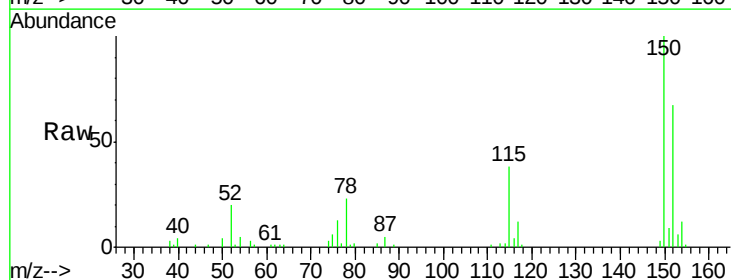
Tgt Ion:152 Resp: 29078

Ion Ratio Lower Upper

152 100

115 57.2 26.9 80.6

150 149.0 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

