

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061756.D
 Acq On : 11 Apr 2019 22:15
 Operator : VA/AP
 Sample : K2203-05
 Misc : 6.66g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-040919-A

Quant Time: Apr 12 03:49:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

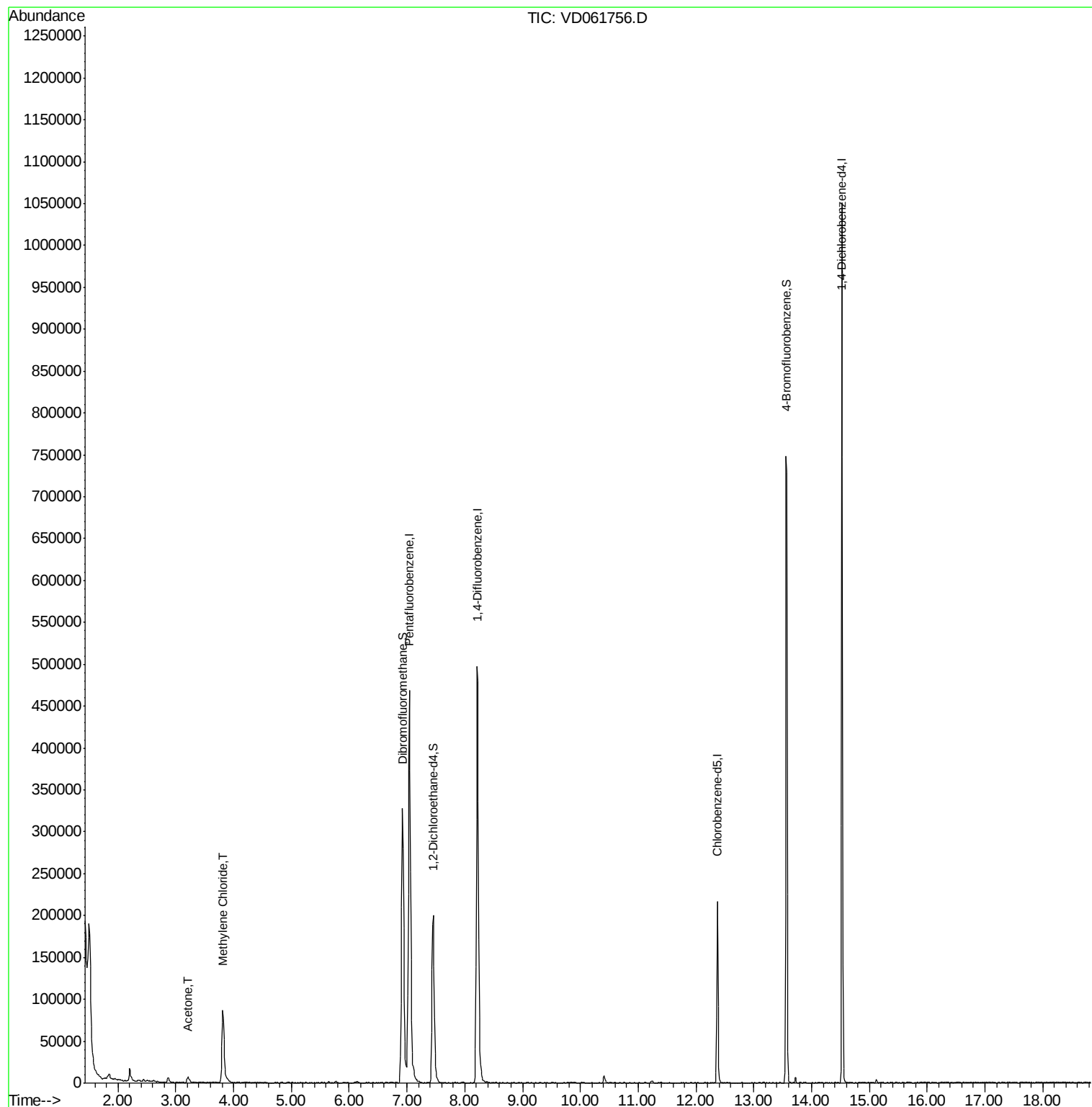
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	457223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	616941	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	141429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	244874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	201797	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.46%	
35) Dibromofluoromethane	6.92	113	325894	76.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.50%	
50) Toluene-d8	10.41	98	9516	0.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.78%	
62) 4-Bromofluorobenzene	13.56	95	256967	76.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.20%	
Target Compounds						
16) Acetone	3.21	43	14675	14.165	ug/l #	73
20) Methylene Chloride	3.81	84	67625	11.503	ug/l	96

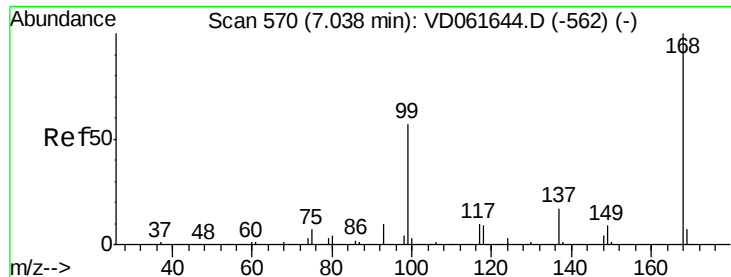
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061756.D

Acq: 11 Apr 2019 22:15

Instrument :

MSVOA_D

ClientSampleId :

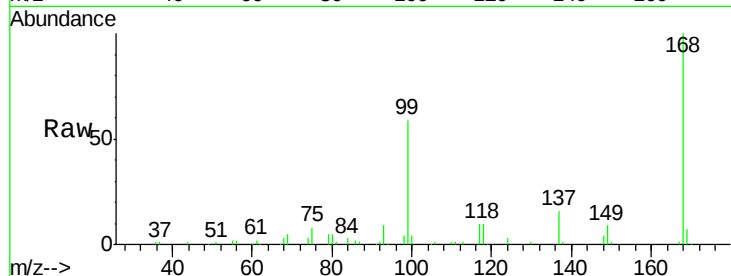
SU-04-040919-A

Tot Ion:168 Resp: 457223

Ion Ratio Lower Upper

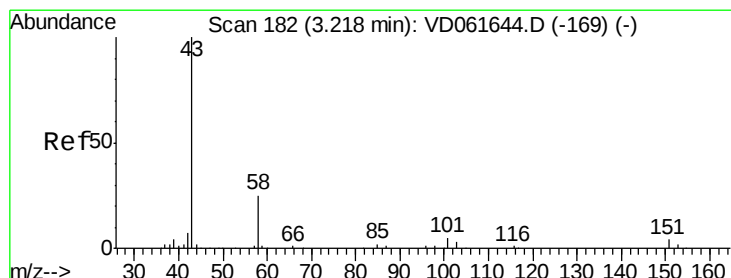
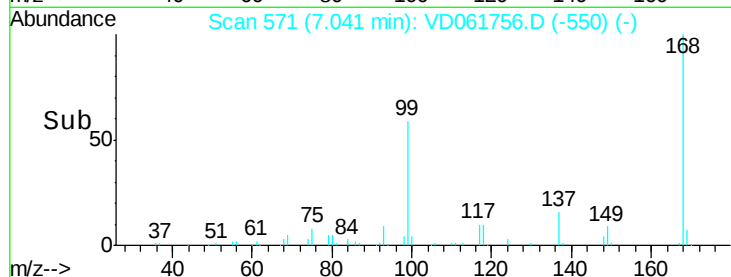
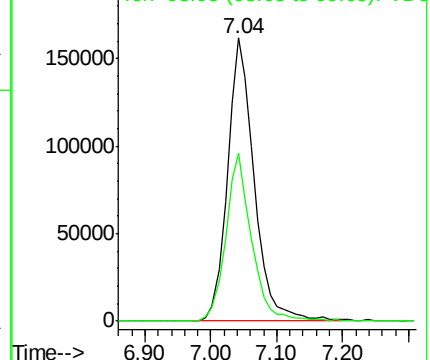
168 100

99 59.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 14.165 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061756.D

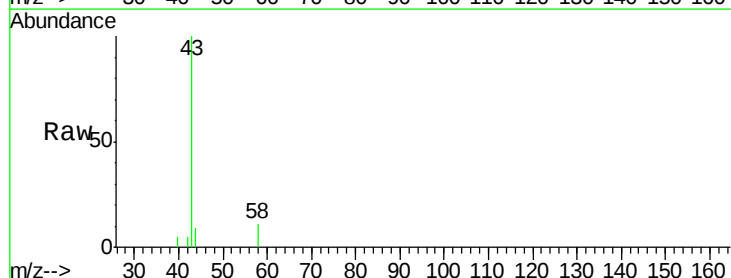
Acq: 11 Apr 2019 22:15

Tgt Ion: 43 Resp: 14675

Ion Ratio Lower Upper

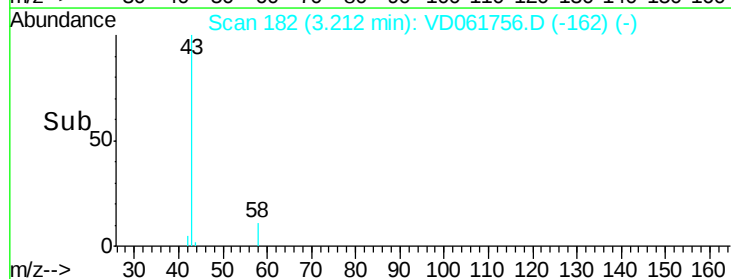
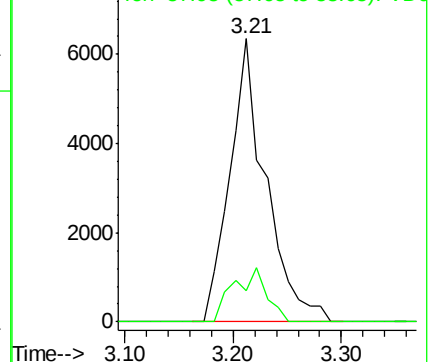
43 100

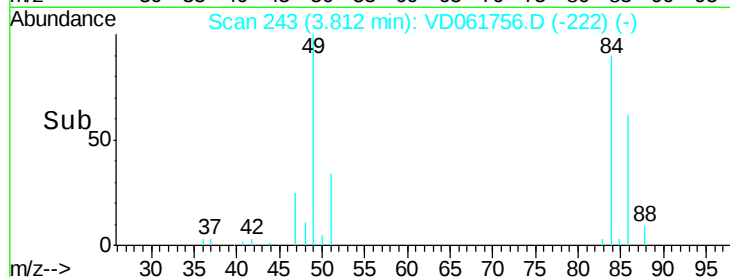
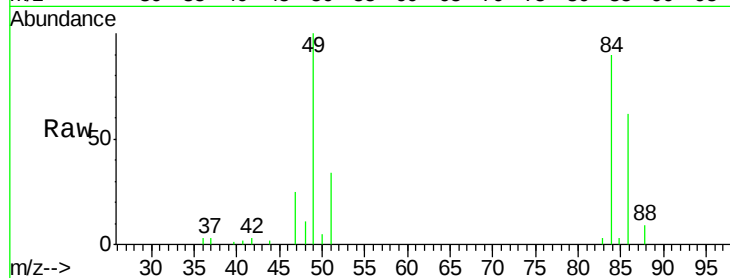
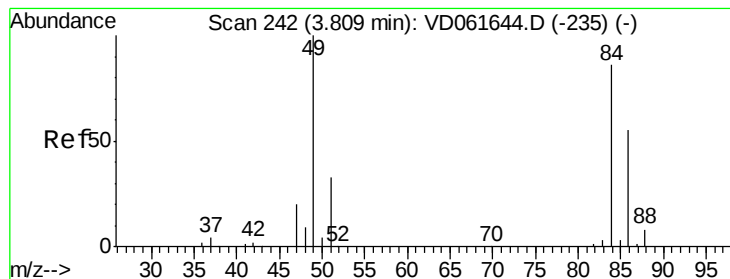
58 10.9 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 11.503 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD061756.D

Acq: 11 Apr 2019 22:15

Instrument :

MSVOA_D

ClientSampleId :

SU-04-040919-A

Tot Ion: 84 Resp: 67625

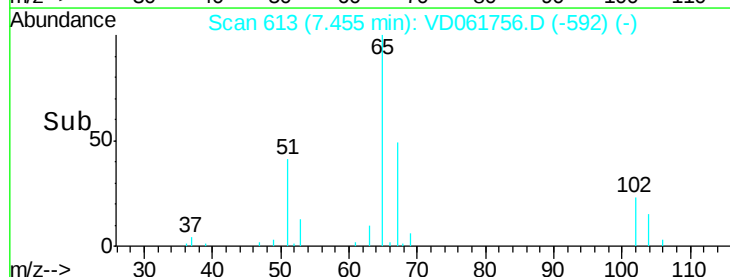
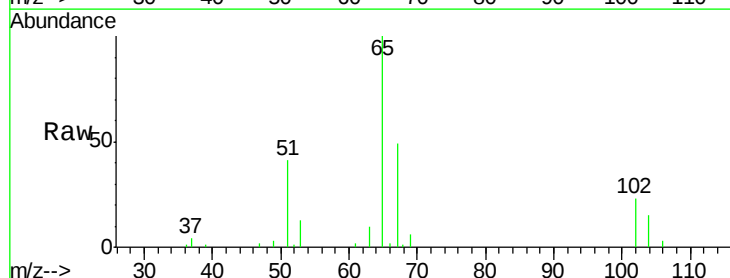
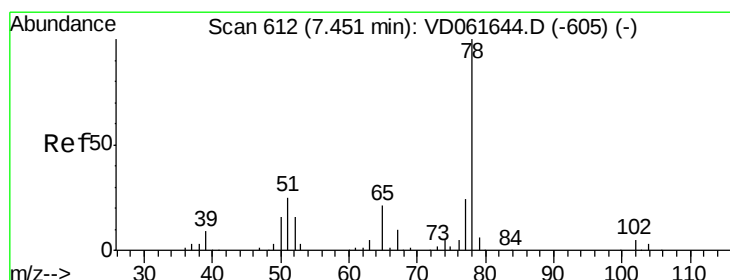
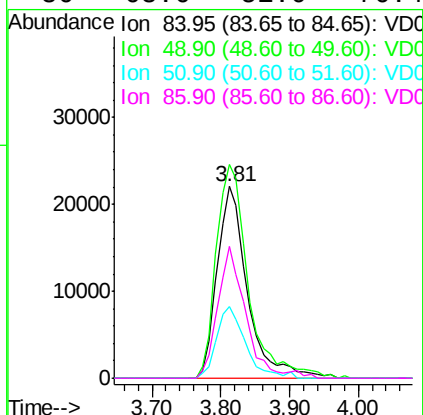
Ion Ratio Lower Upper

84 100

49 111.4 93.0 139.4

51 37.5 30.4 45.6

86 68.6 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD061756.D

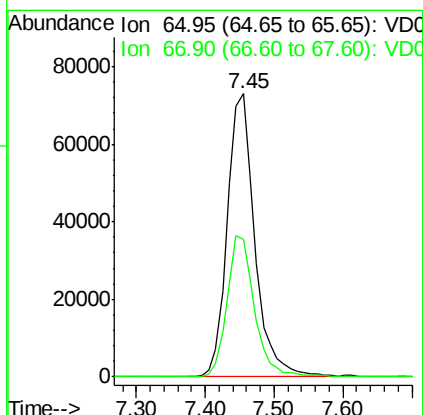
Acq: 11 Apr 2019 22:15

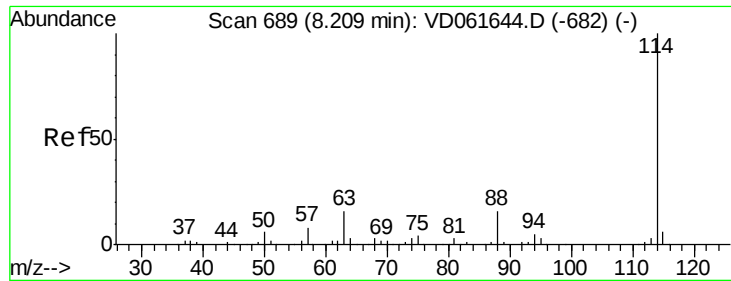
Tgt Ion: 65 Resp: 201797

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.4

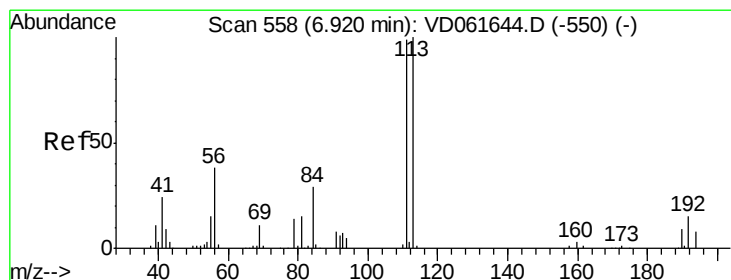
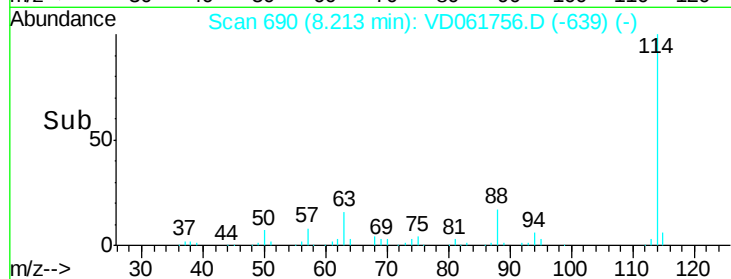
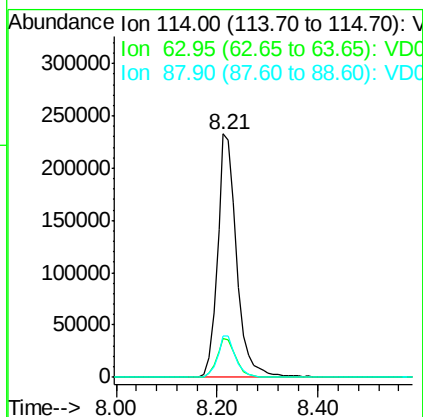
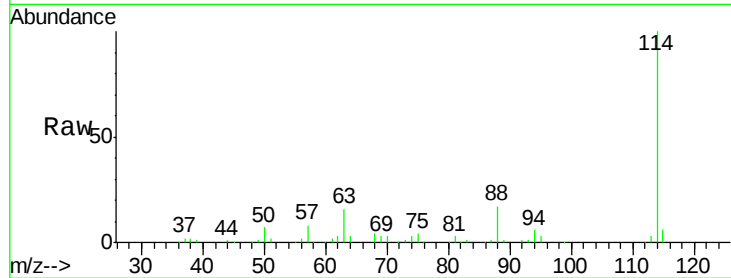




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061756.D
 Acq: 11 Apr 2019 22:15

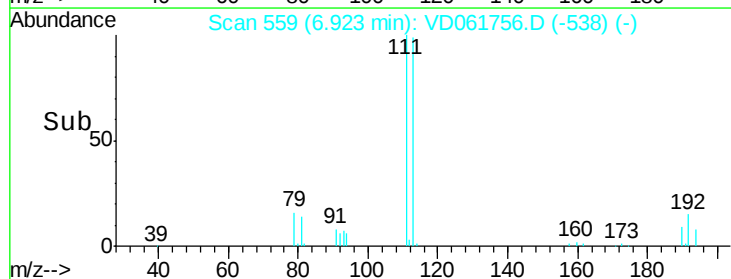
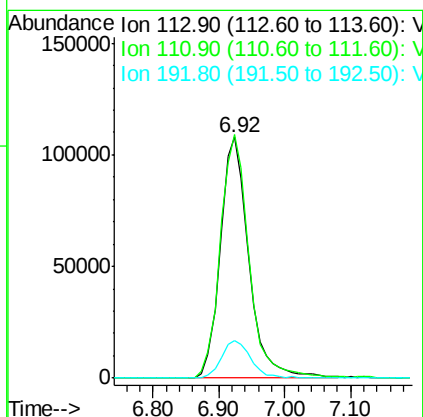
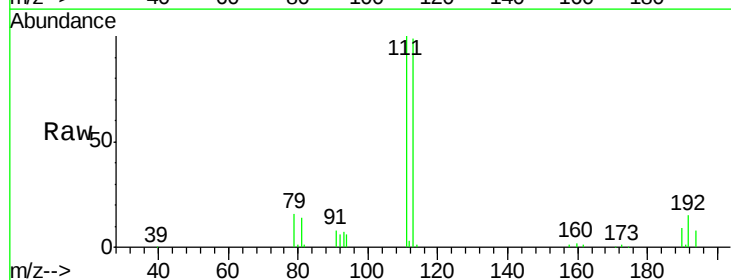
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-040919-A

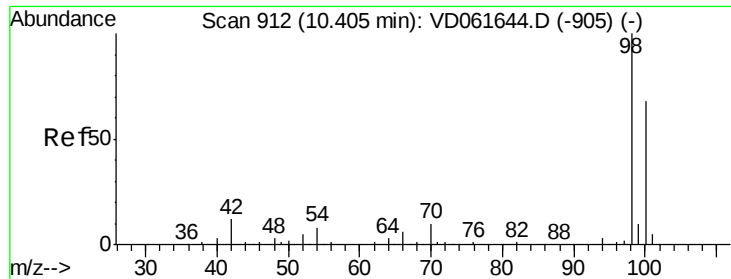
Tot Ion:114 Resp: 616941
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.2
 88 17.0 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061756.D
 Acq: 11 Apr 2019 22:15

Tgt Ion:113 Resp: 325894
 Ion Ratio Lower Upper
 113 100
 111 101.2 79.3 118.9
 192 15.4 12.3 18.5

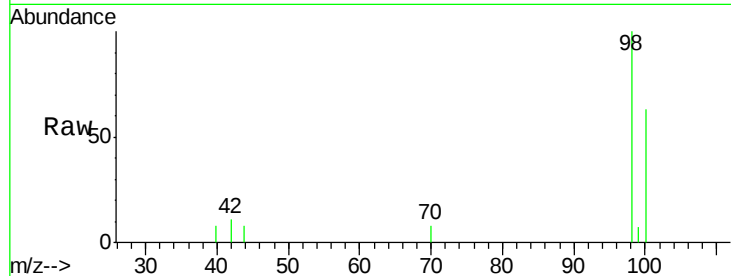




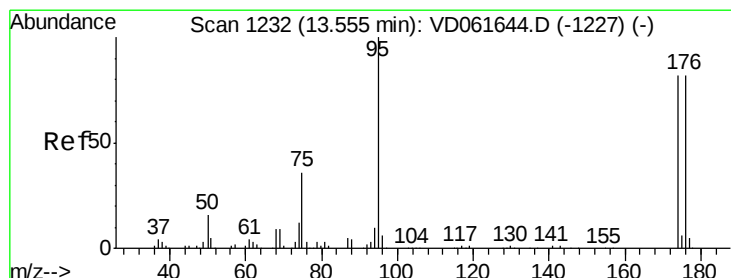
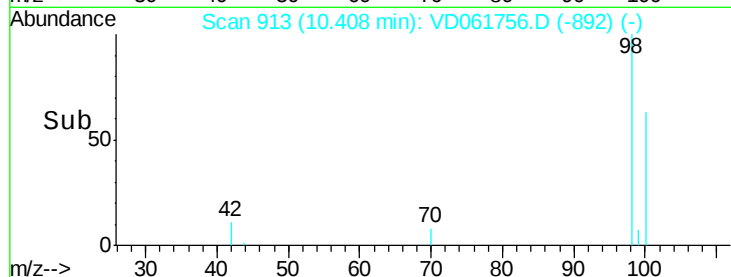
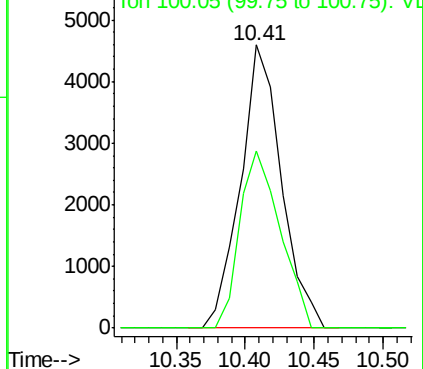
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD061756.D
Acq: 11 Apr 2019 22:15

Instrument :
MSVOA_D
ClientSampleId :
SU-04-040919-A

Tot Ion: 98 Resp: 9516
Ion Ratio Lower Upper
98 100
100 62.8 55.4 83.0

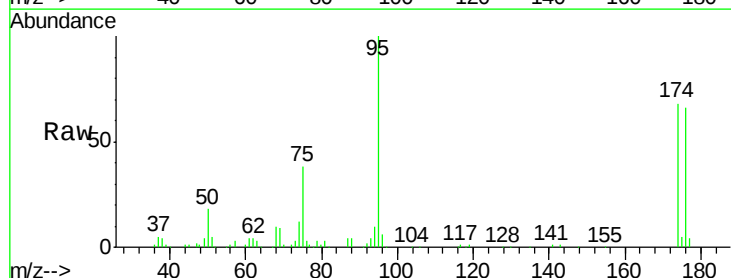


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

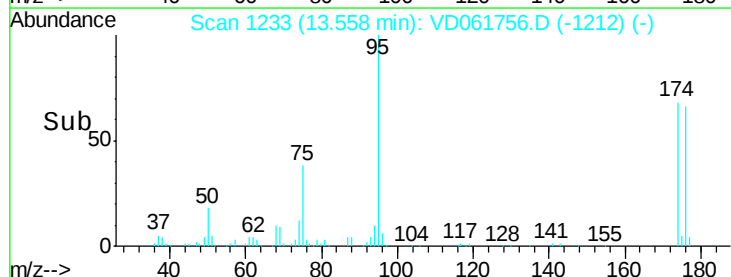
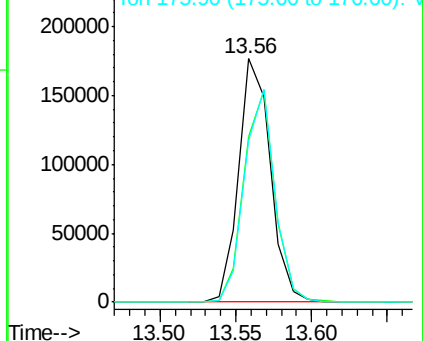


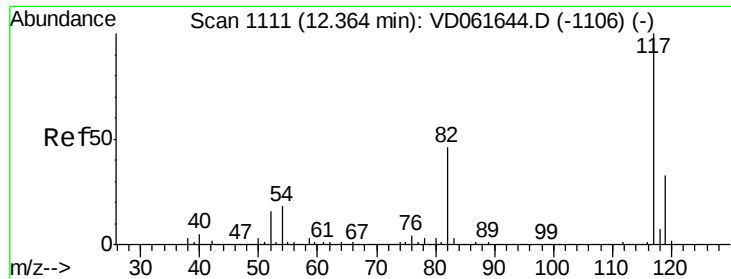
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061756.D
Acq: 11 Apr 2019 22:15

Tgt Ion: 95 Resp: 256967
Ion Ratio Lower Upper
95 100
174 68.0 0.0 164.6
176 66.3 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

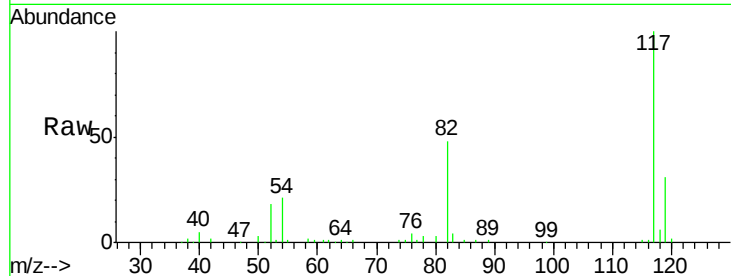




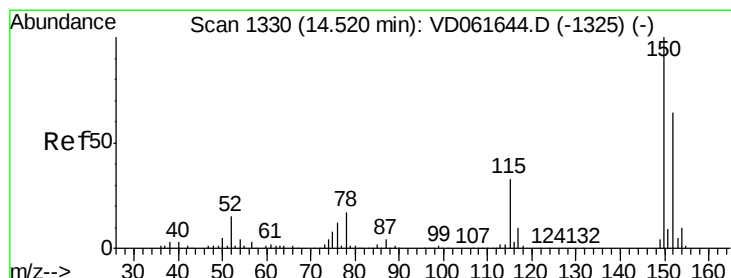
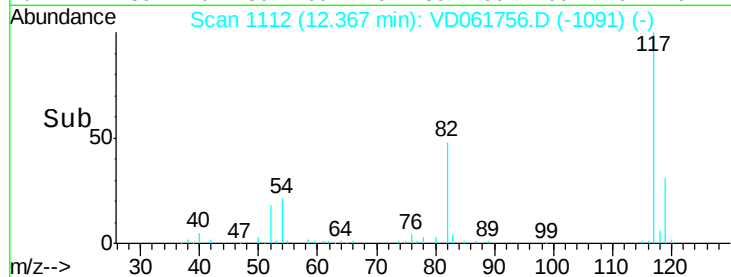
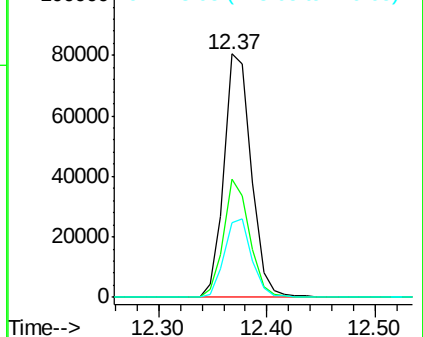
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061756.D
Acq: 11 Apr 2019 22:15

Instrument :
MSVOA_D
ClientSampleId :
SU-04-040919-A

Tot Ion:117 Resp: 141429
Ion Ratio Lower Upper
117 100
82 48.4 36.8 55.2
119 30.7 26.1 39.1

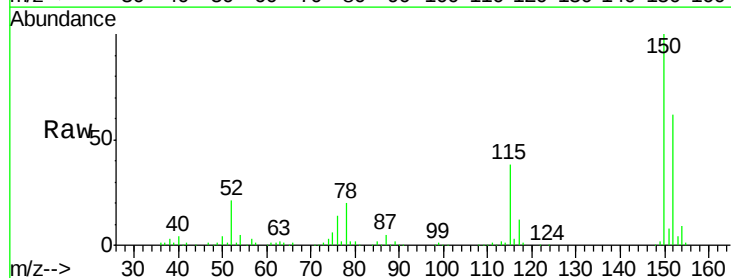


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061756.D
Acq: 11 Apr 2019 22:15

Tgt Ion:152 Resp: 244874
Ion Ratio Lower Upper
152 100
115 61.3 26.4 79.2
150 162.3 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

