

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061660.D
 Acq On : 8 Apr 2019 19:46
 Operator : VA/AP
 Sample : K2305-02
 Misc : 4.09g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-02-001-ABCD

Quant Time: Apr 09 02:06:43 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

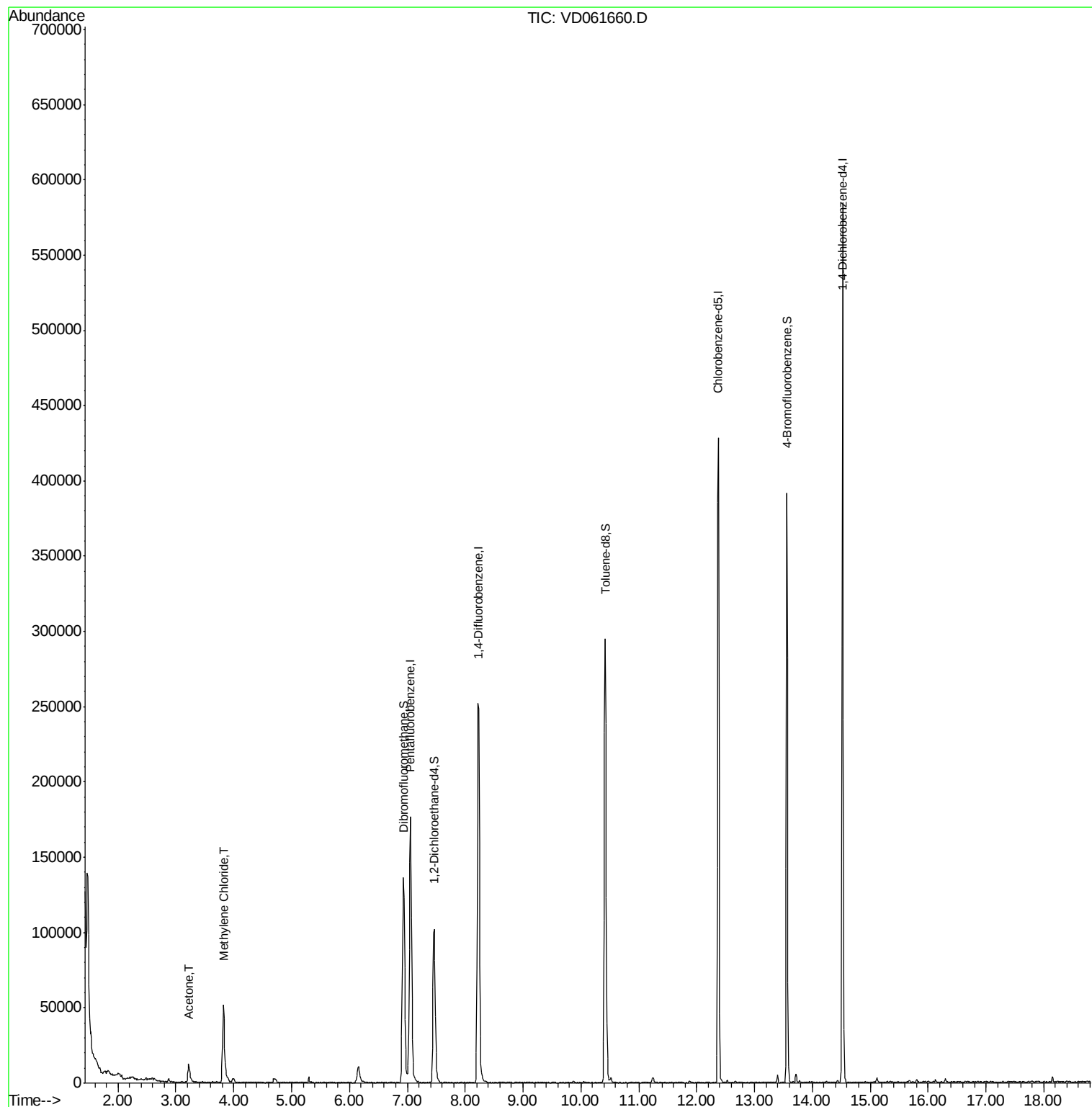
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	188136	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	309307	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	275236	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	129140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	103709	72.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	145.44%	
35) Dibromofluoromethane	6.93	113	129560	60.46	ug/l	0.01
Spiked Amount 50.000			Recovery	=	120.92%	
50) Toluene-d8	10.42	98	257619	47.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	13.56	95	119348	68.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.16%	
Target Compounds						
16) Acetone	3.22	43	21756	51.035	ug/l	97
20) Methylene Chloride	3.82	84	37081	15.329	ug/l	92

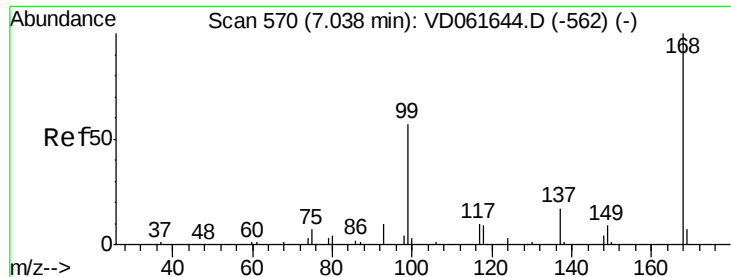
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

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Acq: 8 Apr 2019 19:46

Instrument :

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ClientSampleId :

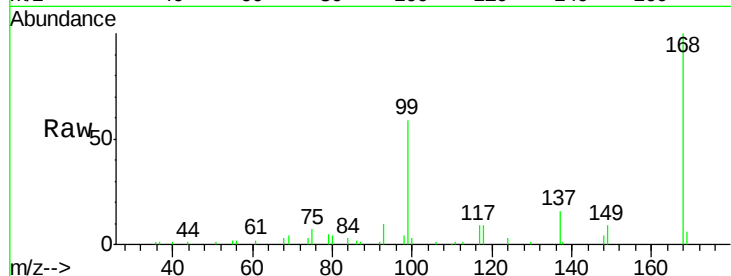
FK-EF-02-001-ABCD

Tot Ion:168 Resp: 188136

Ion Ratio Lower Upper

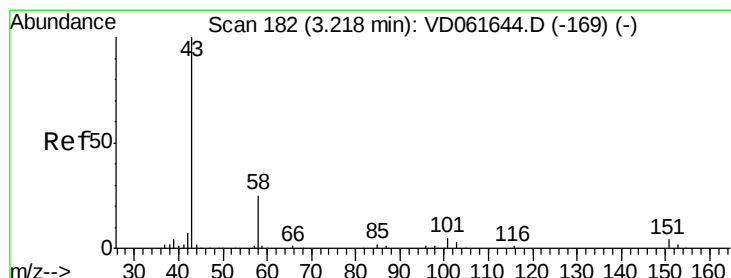
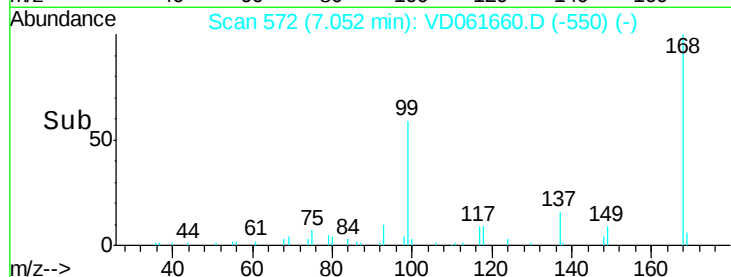
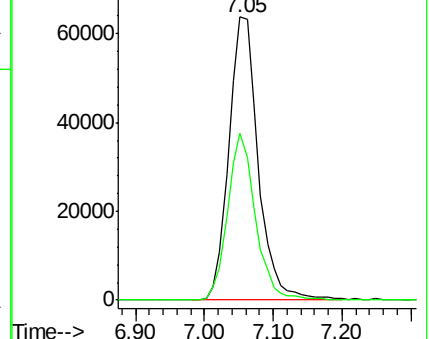
168 100

99 59.0 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: 51.035 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061660.D

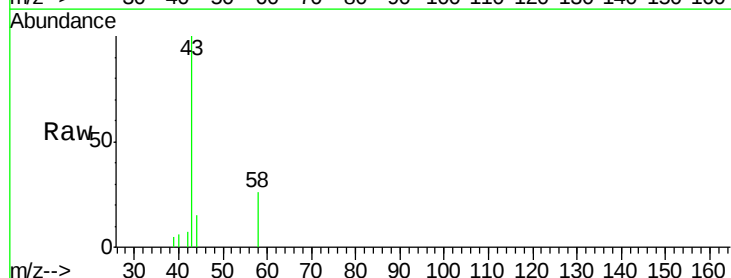
Acq: 8 Apr 2019 19:46

Tgt Ion: 43 Resp: 21756

Ion Ratio Lower Upper

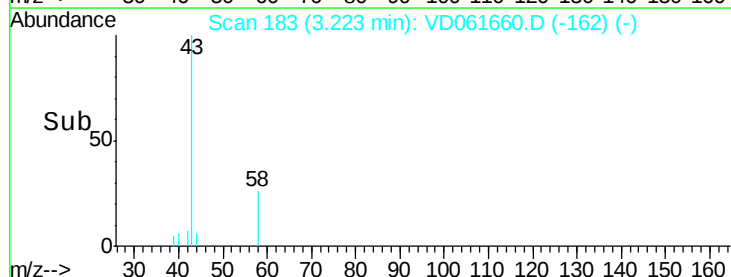
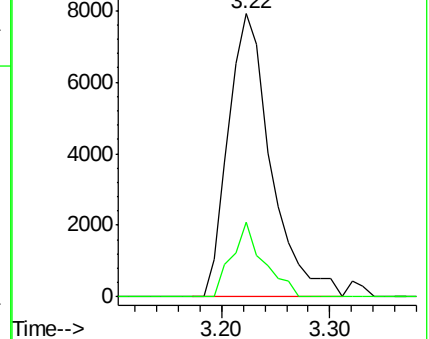
43 100

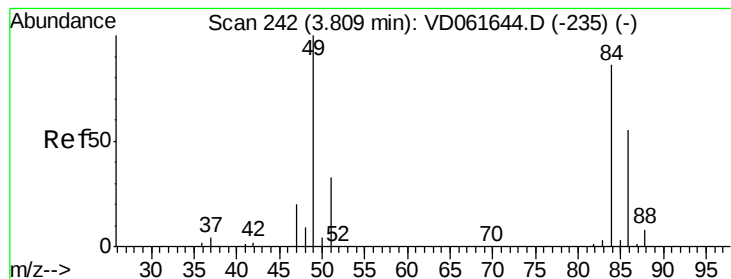
58 26.3 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 15.329 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061660.D

Acq: 8 Apr 2019 19:46

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-02-001-ABCD

Tot Ion: 84 Resp: 37081

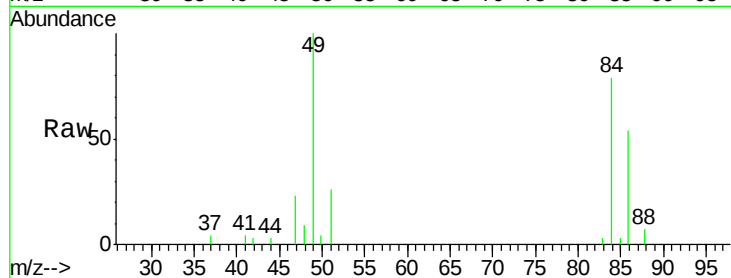
Ion Ratio Lower Upper

84 100

49 126.1 93.0 139.4

51 33.4 30.4 45.6

86 67.5 51.0 76.4

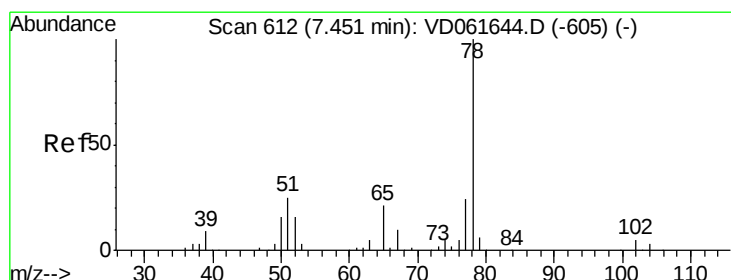
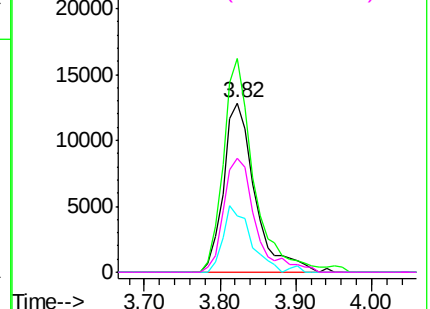
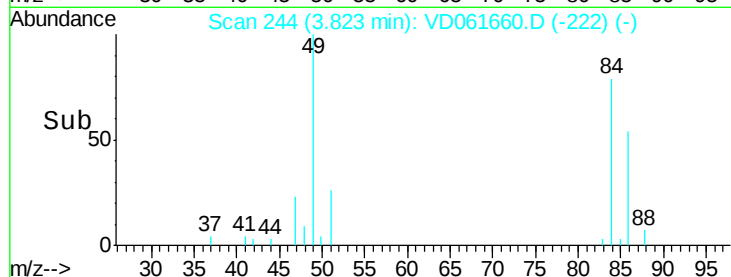


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061660.D

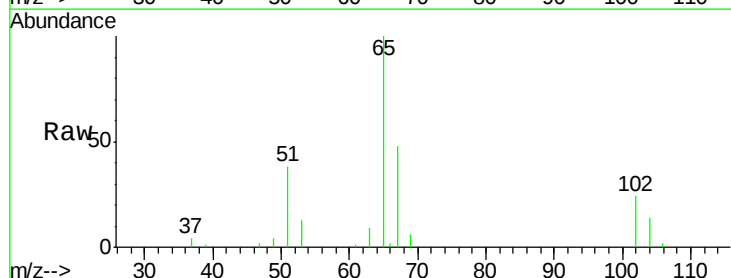
Acq: 8 Apr 2019 19:46

Tgt Ion: 65 Resp: 103709

Ion Ratio Lower Upper

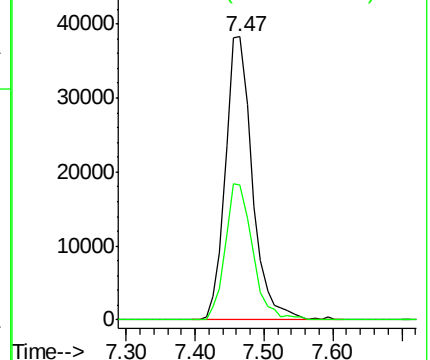
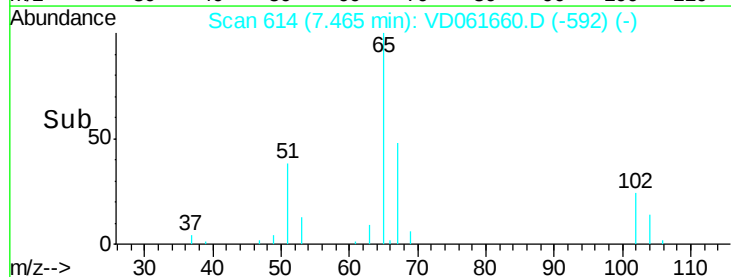
65 100

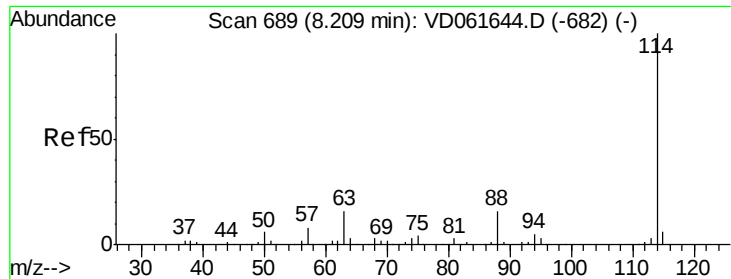
67 47.8 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

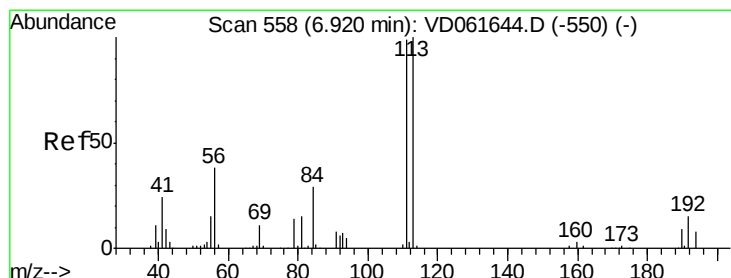
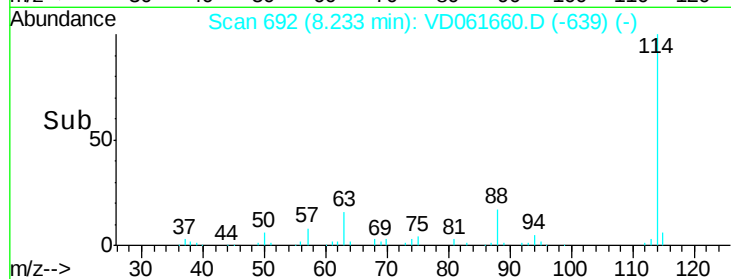
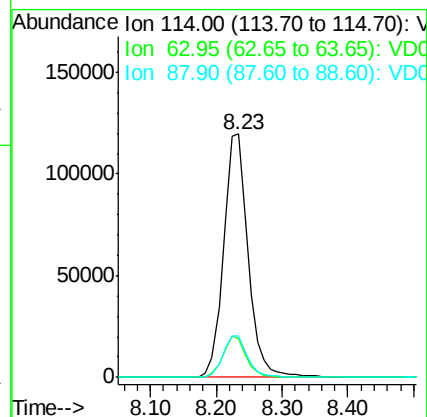
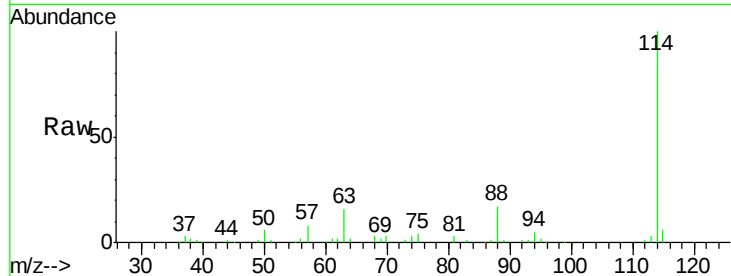




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061660.D
 Acq: 8 Apr 2019 19:46

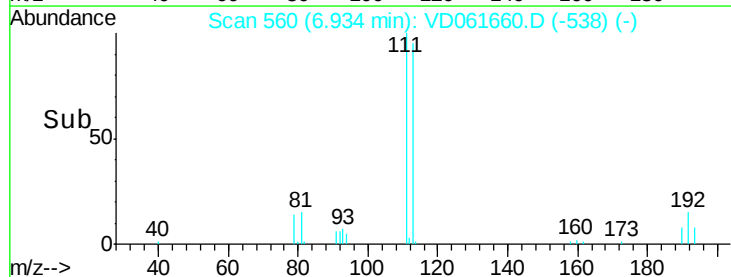
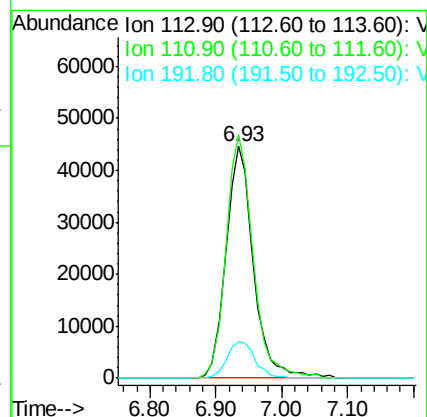
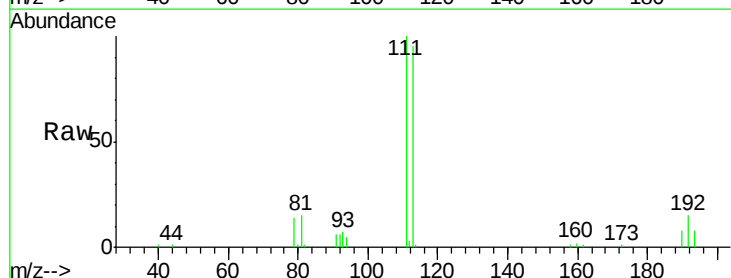
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-02-001-ABCD

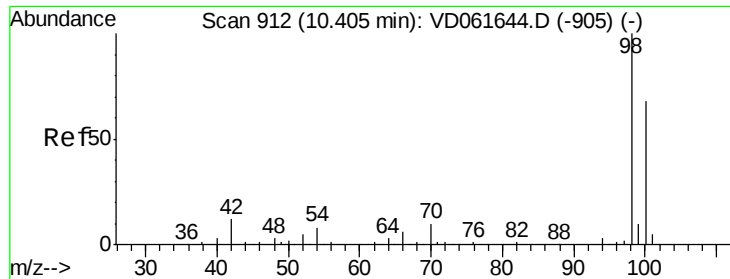
Tot Ion:114 Resp: 309307
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.2
 88 16.8 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061660.D
 Acq: 8 Apr 2019 19:46

Tgt Ion:113 Resp: 129560
 Ion Ratio Lower Upper
 113 100
 111 105.0 79.3 118.9
 192 15.6 12.3 18.5

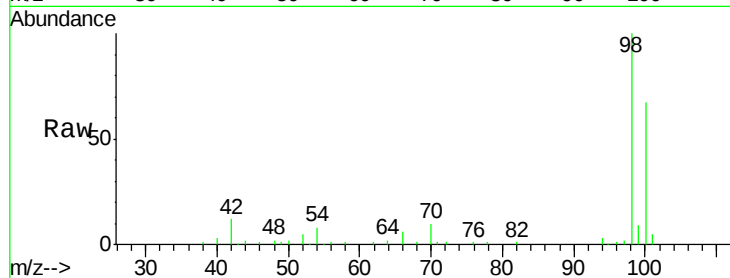




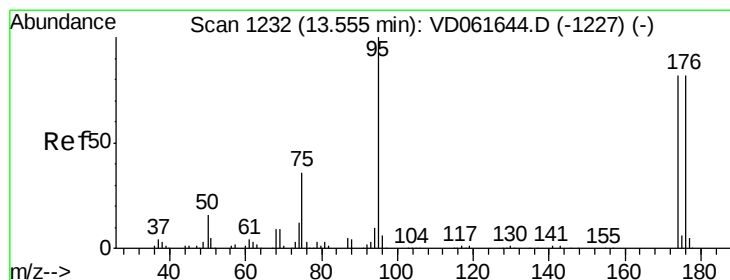
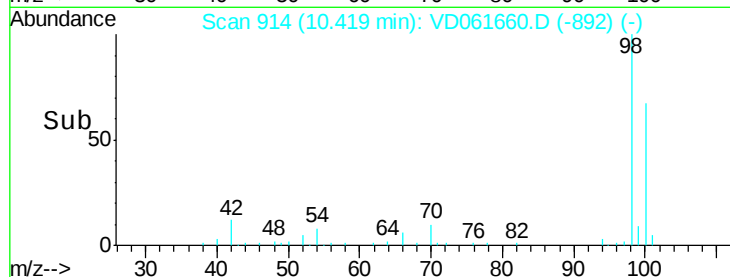
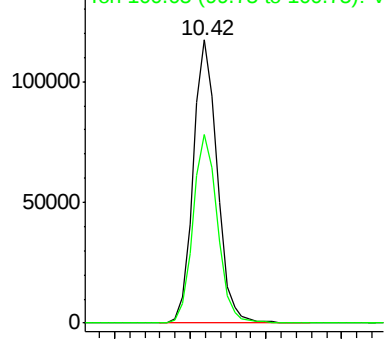
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061660.D
Acq: 8 Apr 2019 19:46

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-02-001-ABCD

Tot Ion: 98 Resp: 257619
Ion Ratio Lower Upper
98 100
100 66.9 55.4 83.0

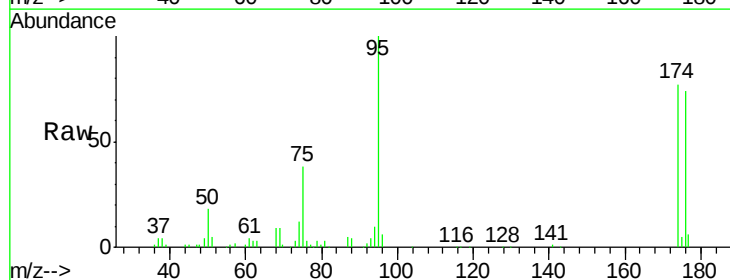


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

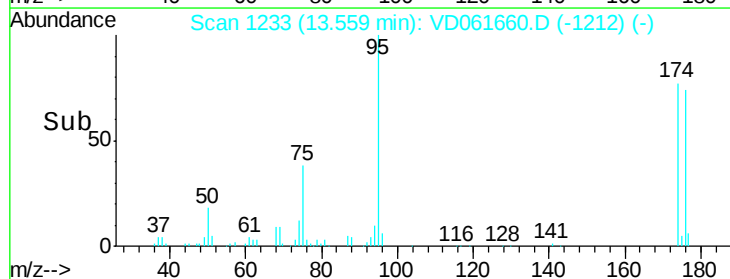
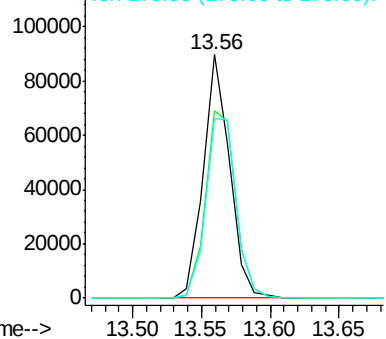


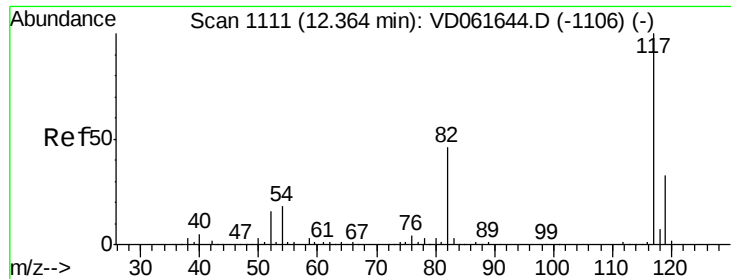
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061660.D
Acq: 8 Apr 2019 19:46

Tgt Ion: 95 Resp: 119348
Ion Ratio Lower Upper
95 100
174 77.0 0.0 164.6
176 73.7 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) (-)

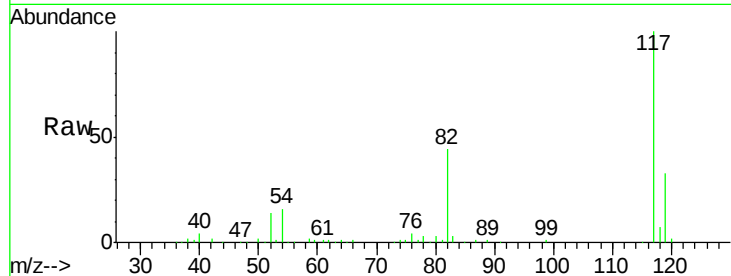




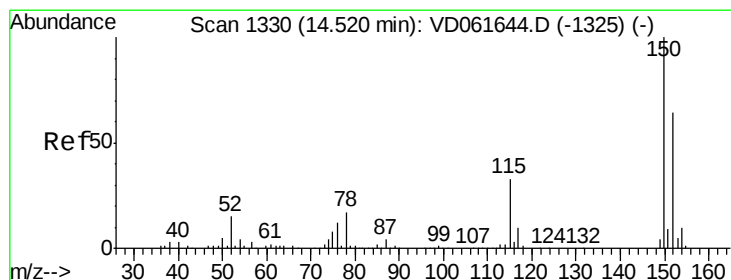
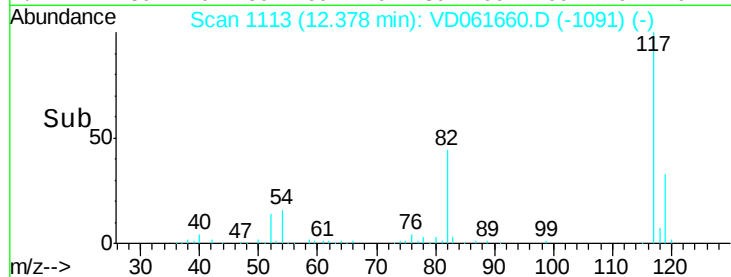
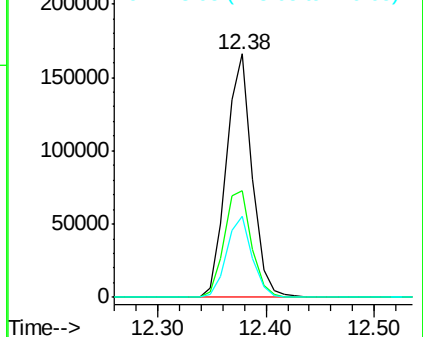
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061660.D
Acq: 8 Apr 2019 19:46

Instrument :
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ClientSampleId :
FK-EF-02-001-ABCD

Tot Ion:117 Resp: 275236
Ion Ratio Lower Upper
117 100
82 43.9 36.8 55.2
119 33.3 26.1 39.1

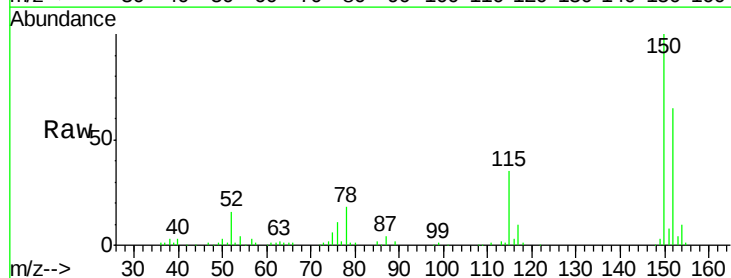


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061660.D
Acq: 8 Apr 2019 19:46

Tgt Ion:152 Resp: 129140
Ion Ratio Lower Upper
152 100
115 54.0 26.4 79.2
150 154.6 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

