

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060938.D
 Acq On : 4 Mar 2019 21:59
 Operator : VA/AP
 Sample : K1714-11
 Misc : 6.63g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-B-11-14

Quant Time: Mar 05 03:02:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

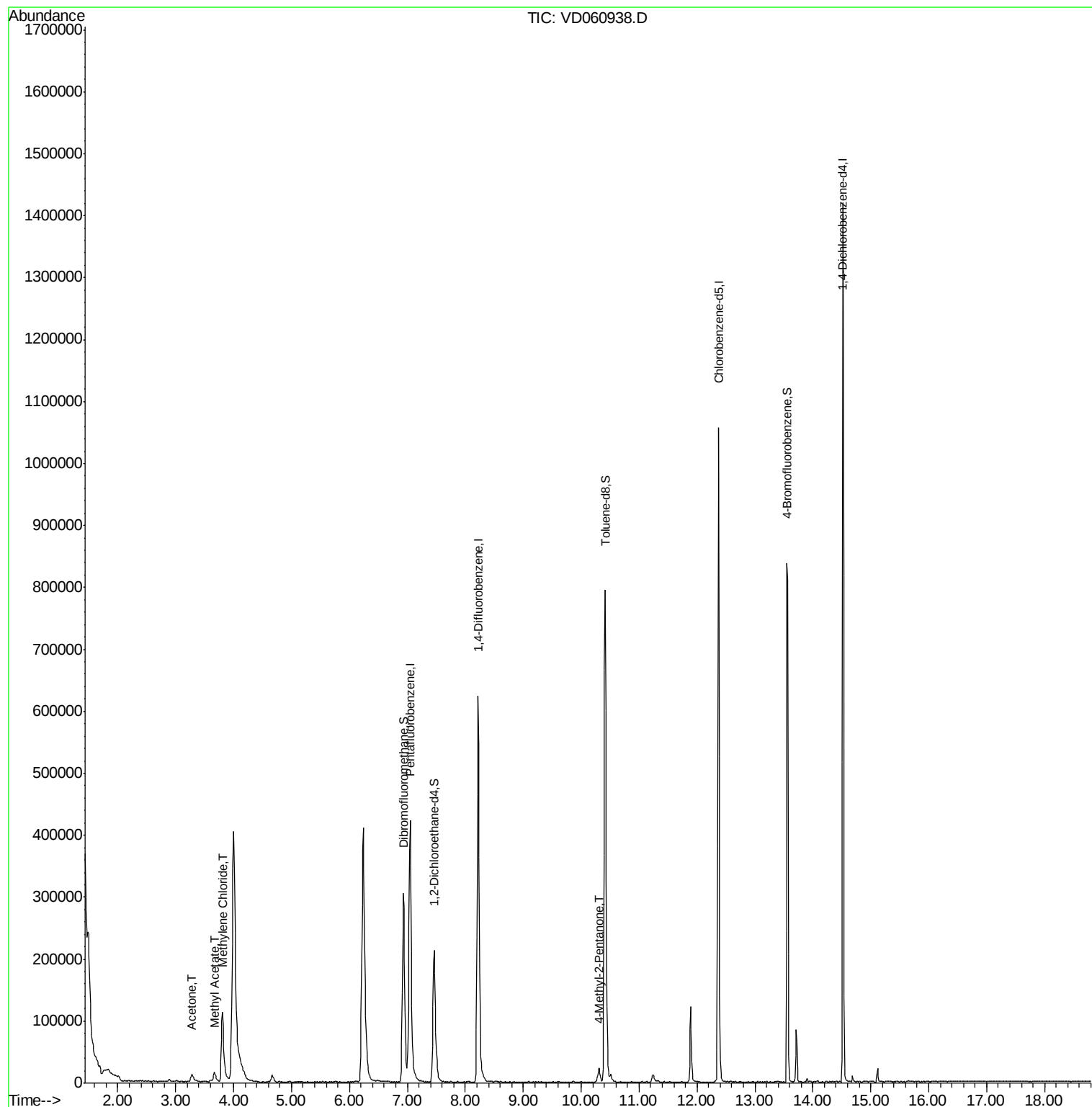
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	433986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	779415	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	697559	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	308217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	189730	52.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.76%	
35) Dibromofluoromethane	6.93	113	305277	48.86	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.41	98	716486	46.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	13.55	95	291567	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
Target Compounds						
16) Acetone	3.28	43	28427	23.731	ug/l	96
18) Methyl Acetate	3.67	43	32260	13.152	ug/l	96
20) Methylene Chloride	3.81	84	89762	13.108	ug/l	97
51) 4-Methyl-2-Pentanone	10.31	43	21081	6.741	ug/l	98

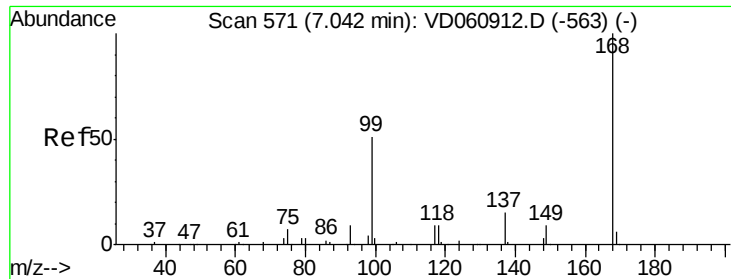
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030419\
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD060938.D

Acq: 4 Mar 2019 21:59

Instrument :

MSVOA_D

ClientSampleId :

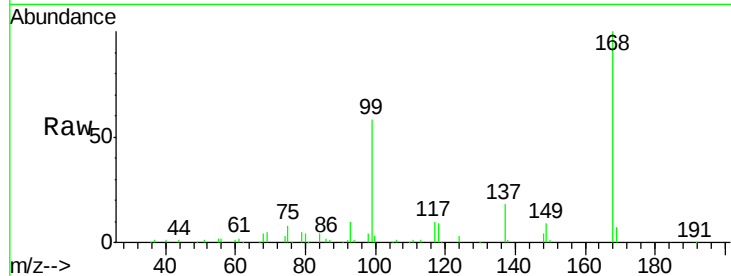
SB-B-11-14

Tot Ion:168 Resp: 433986

Ion Ratio Lower Upper

168 100

99 57.5 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

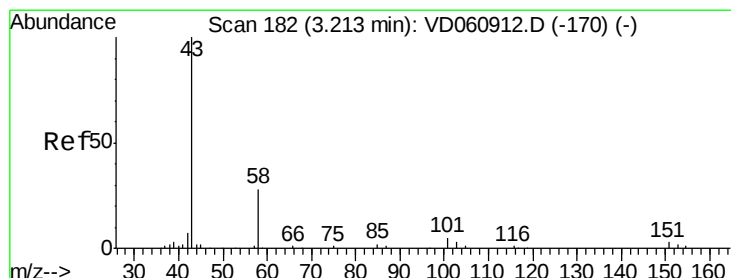
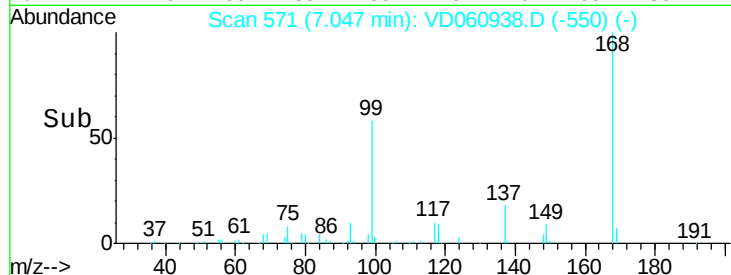
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.731 ug/l

RT: 3.28 min Scan# 188

Delta R.T. 0.06 min

Lab File: VD060938.D

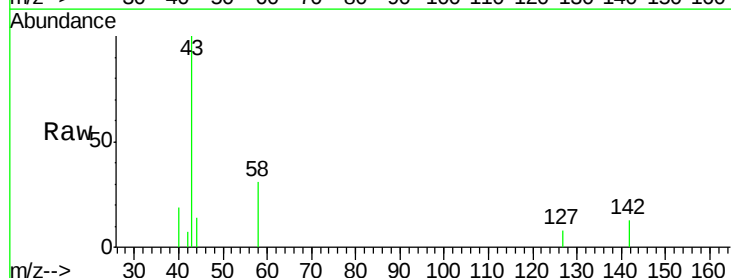
Acq: 4 Mar 2019 21:59

Tgt Ion: 43 Resp: 28427

Ion Ratio Lower Upper

43 100

58 30.6 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.28

8000

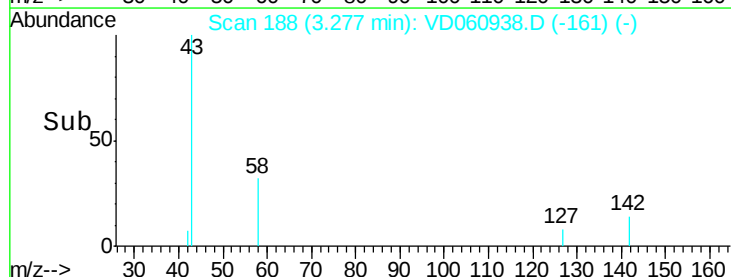
6000

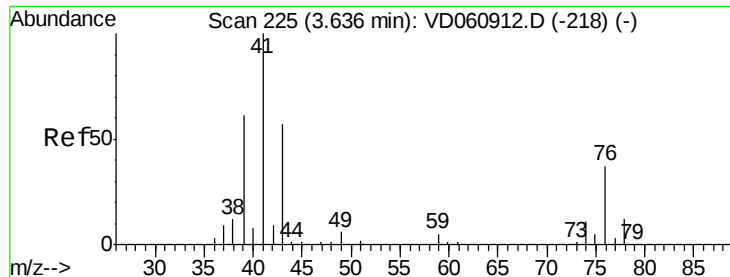
4000

2000

0

Time-->

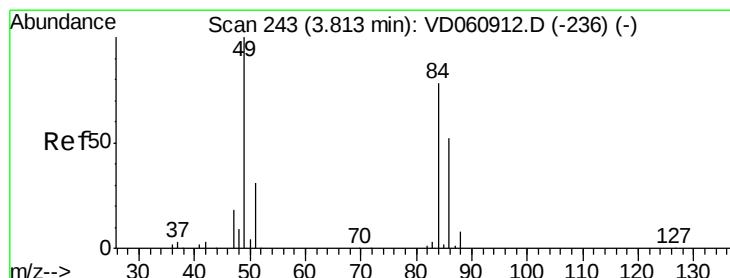
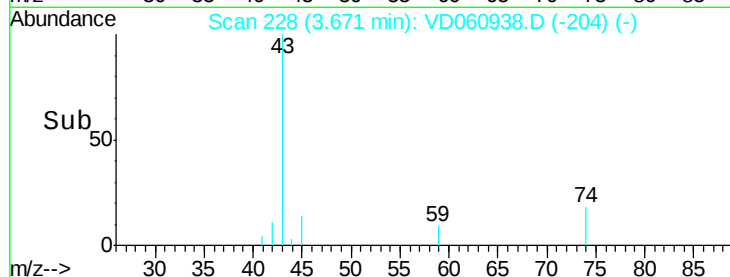
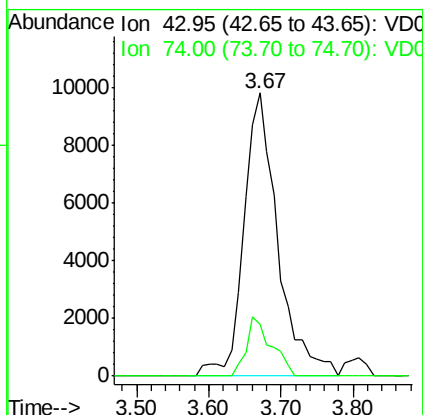
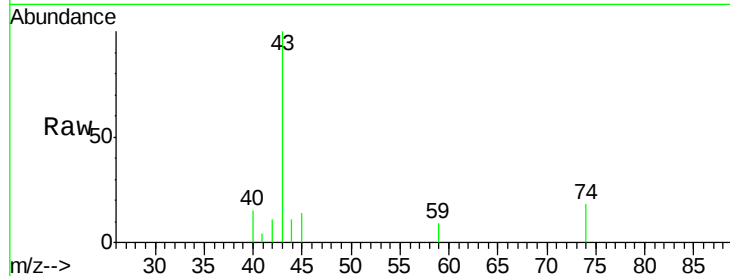




#18
Methyl Acetate
Concen: 13.152 ug/l
RT: 3.67 min Scan# 228
Delta R.T. 0.03 min
Lab File: VD060938.D
Acq: 4 Mar 2019 21:59

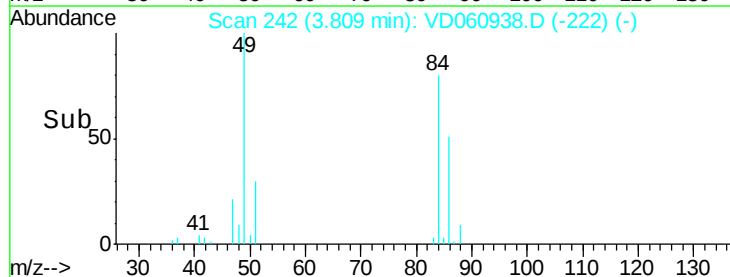
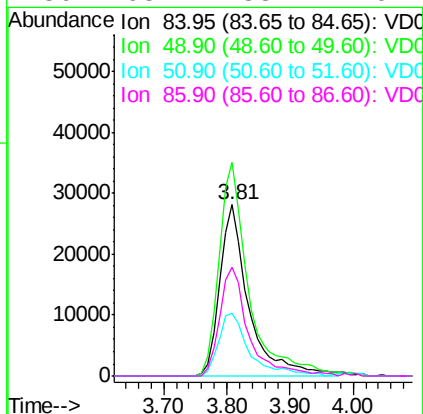
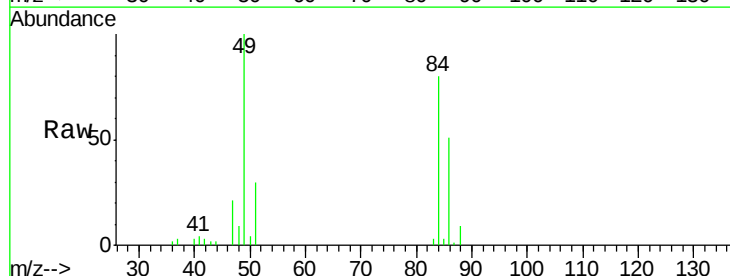
Instrument :
MSVOA_D
ClientSampled :
SB-B-11-14

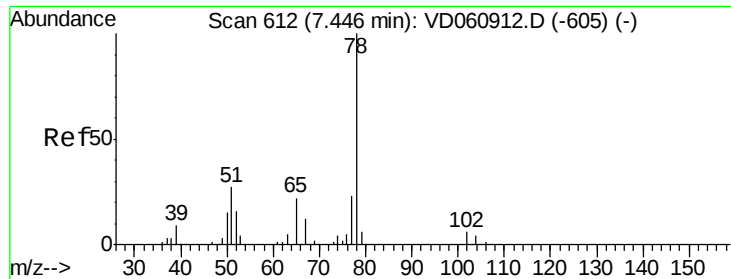
Tot Ion: 43 Resp: 32260
Ion Ratio Lower Upper
43 100
74 18.3 16.1 24.1



#20
Methylene Chloride
Concen: 13.108 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.00 min
Lab File: VD060938.D
Acq: 4 Mar 2019 21:59

Tgt Ion: 84 Resp: 89762
Ion Ratio Lower Upper
84 100
49 124.7 102.4 153.6
51 37.0 31.9 47.9
86 63.4 53.1 79.7





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD060938.D

Acq: 4 Mar 2019 21:59

Instrument :

MSVOA_D

ClientSampleId :

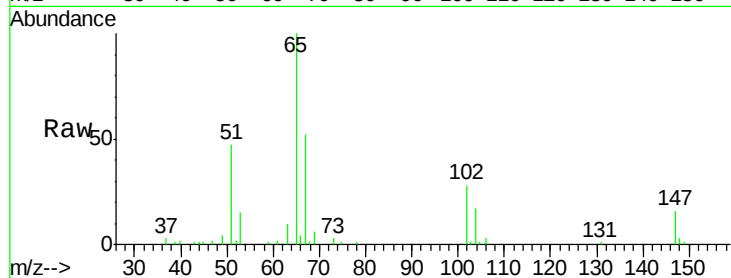
SB-B-11-14

Tot Ion: 65 Resp: 189730

Ion Ratio Lower Upper

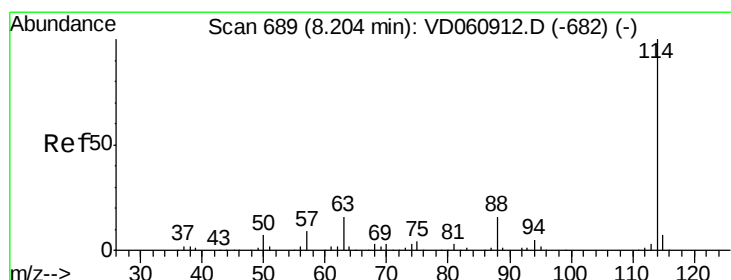
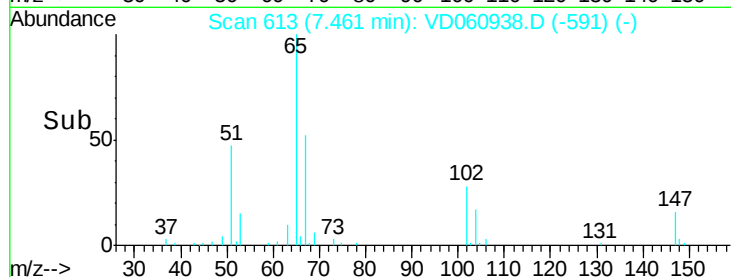
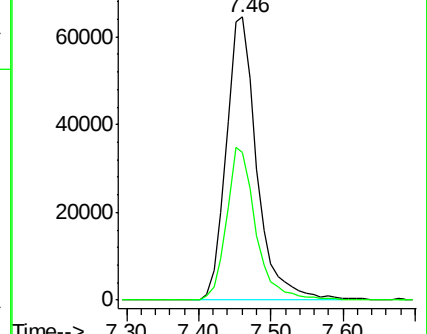
65 100

67 52.0 0.0 109.4



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: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD060938.D

Acq: 4 Mar 2019 21:59

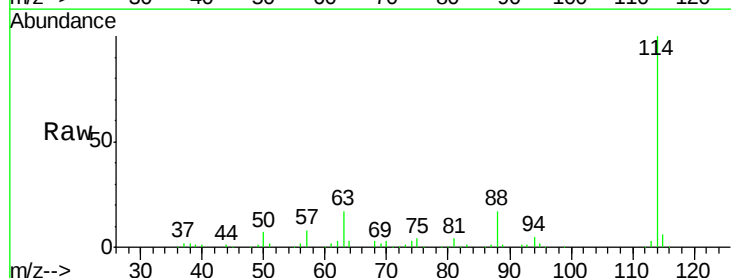
Tgt Ion: 114 Resp: 779415

Ion Ratio Lower Upper

114 100

63 17.4 0.0 32.0

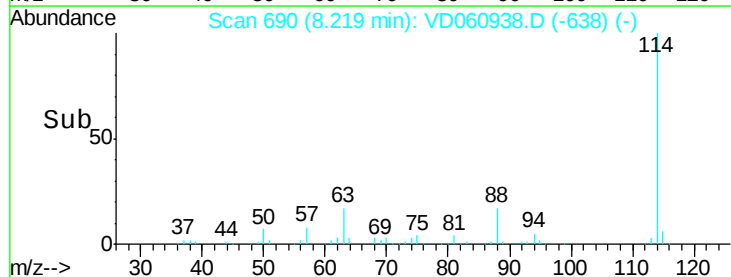
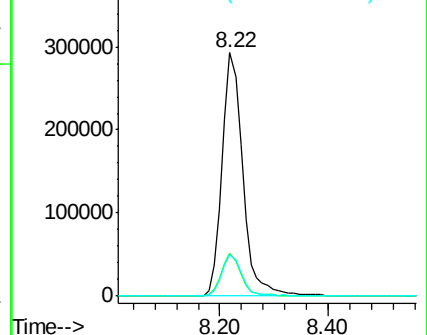
88 17.1 0.0 32.8

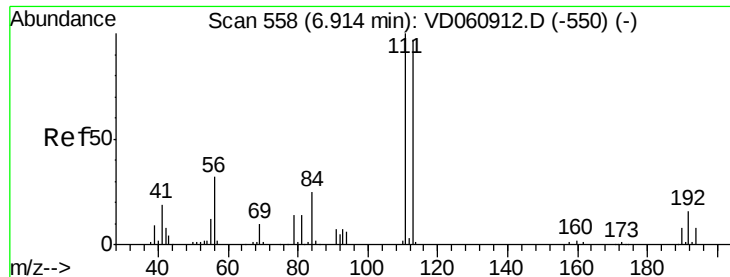


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD060938.D

Acq: 4 Mar 2019 21:59

Instrument :

MSVOA_D

ClientSampleId :

SB-B-11-14

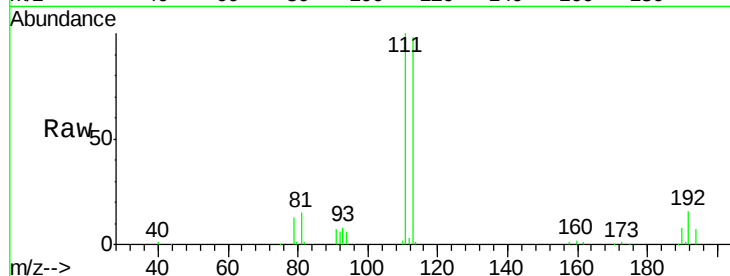
Tot Ion:113 Resp: 305277

Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

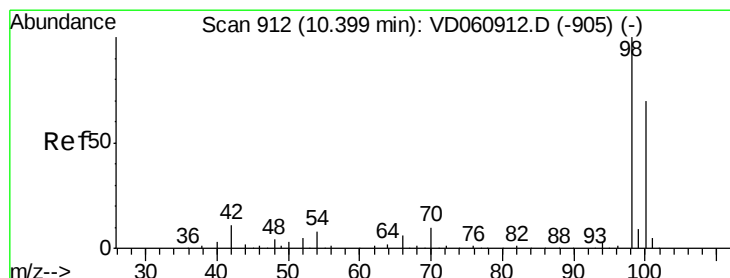
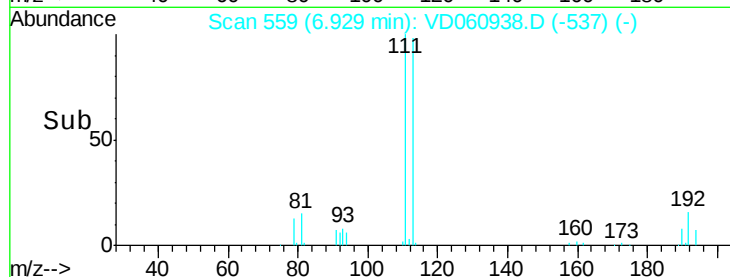
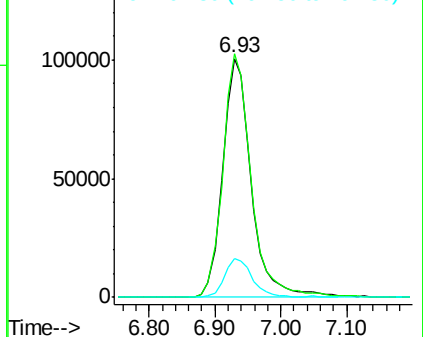
192 16.1 13.4 20.2



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD060938.D

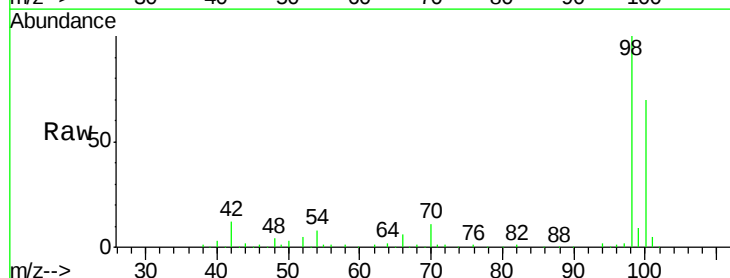
Acq: 4 Mar 2019 21:59

Tgt Ion: 98 Resp: 716486

Ion Ratio Lower Upper

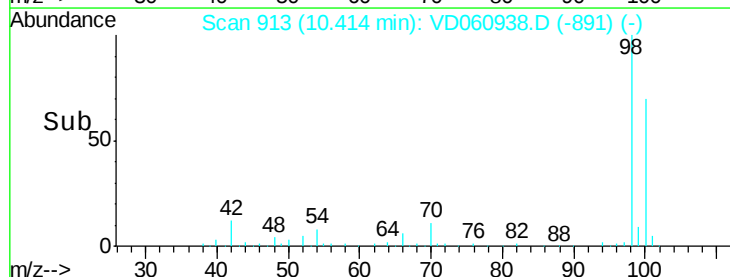
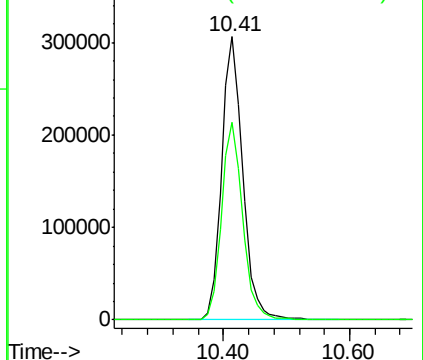
98 100

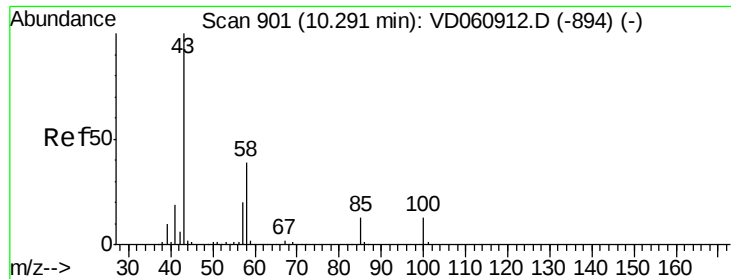
100 69.6 57.0 85.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

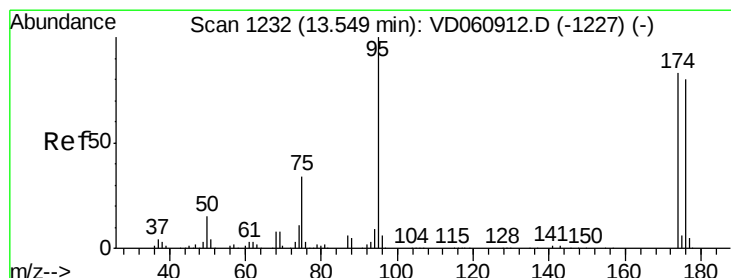
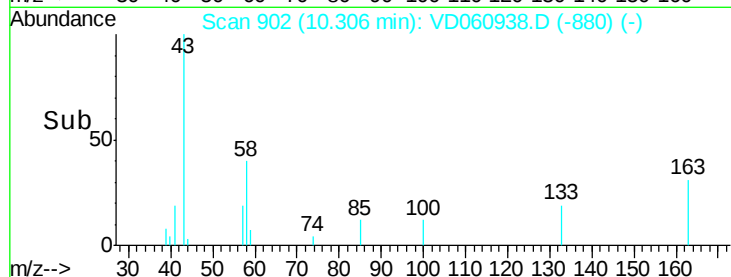
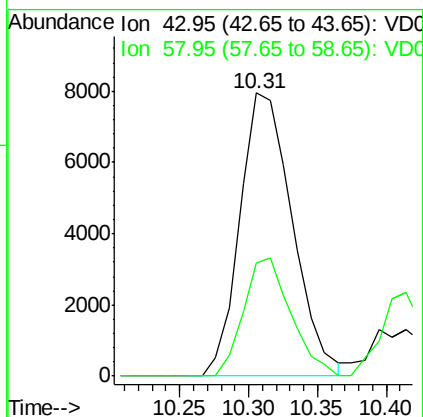
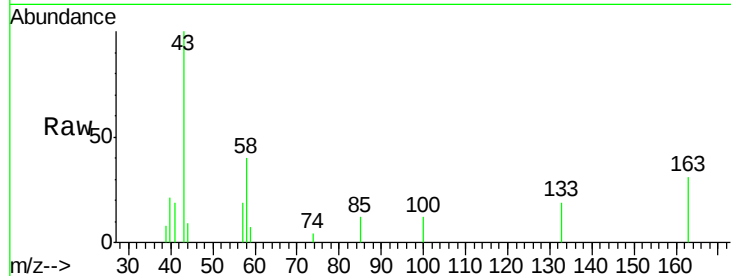




#51
4-Methyl-2-Pentanone
Concen: 6.741 ug/l
RT: 10.31 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD060938.D
Acq: 4 Mar 2019 21:59

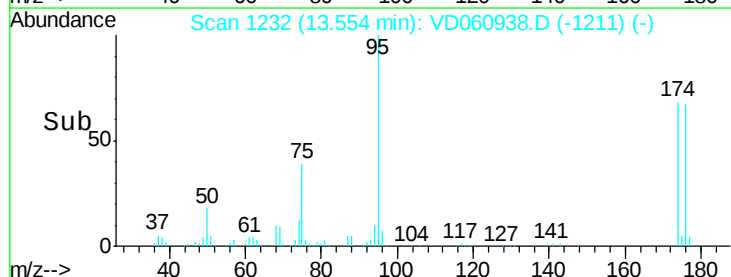
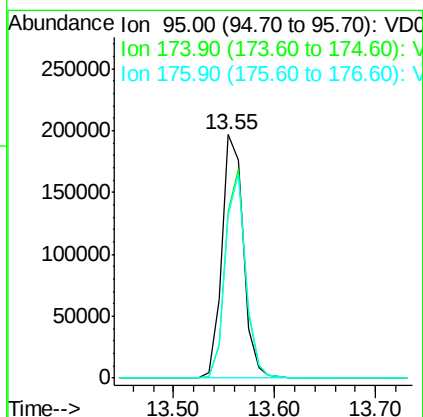
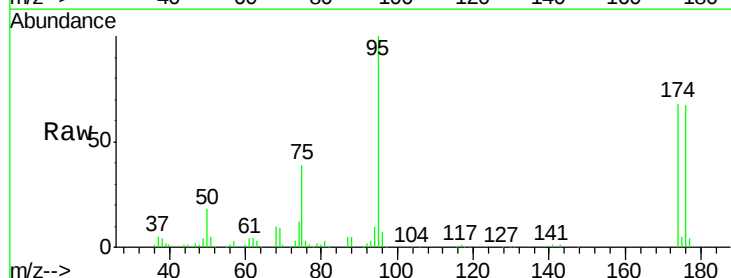
Instrument :
MSVOA_D
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SB-B-11-14

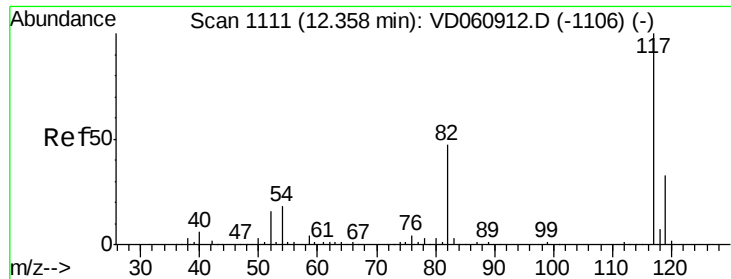
Tot Ion: 43 Resp: 21081
Ion Ratio Lower Upper
43 100
58 39.8 31.0 46.6



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD060938.D
Acq: 4 Mar 2019 21:59

Tgt Ion: 95 Resp: 291567
Ion Ratio Lower Upper
95 100
174 68.3 0.0 165.6
176 66.8 0.0 160.6

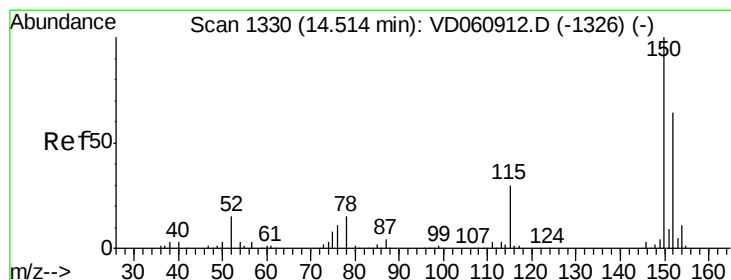
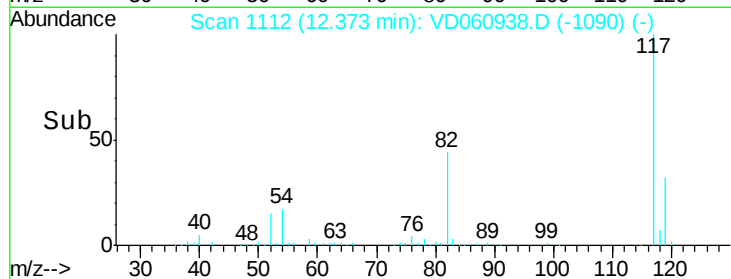
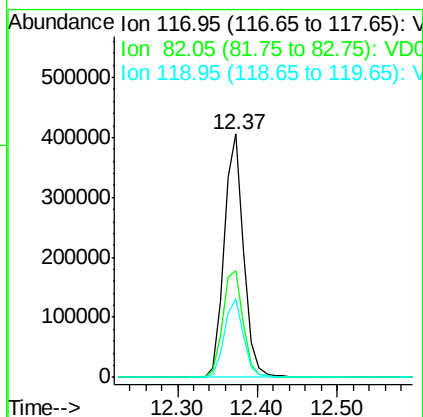
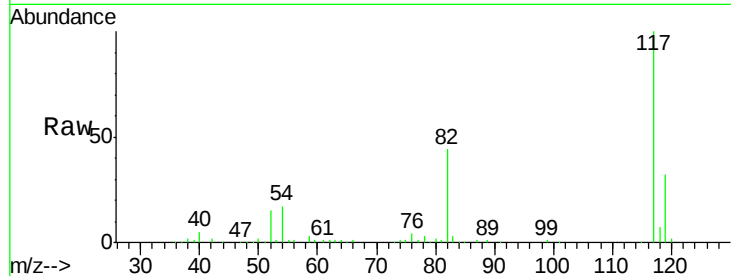




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VD060938.D
 Acq: 4 Mar 2019 21:59

Instrument :
 MSVOA_D
 ClientSampled :
 SB-B-11-14

Tot Ion:117 Resp: 697559
 Ion Ratio Lower Upper
 117 100
 82 44.0 37.5 56.3
 119 32.4 26.2 39.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD060938.D
 Acq: 4 Mar 2019 21:59

Tgt Ion:152 Resp: 308217
 Ion Ratio Lower Upper
 152 100
 115 61.0 27.6 82.8
 150 158.3 0.0 312.8

