

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061419\
 Data File : VD062712.D
 Acq On : 14 Jun 2019 15:44
 Operator : VA/AP
 Sample : K3361-03RE
 Misc : 6.49g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B15RE

Quant Time: Jun 15 05:20:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

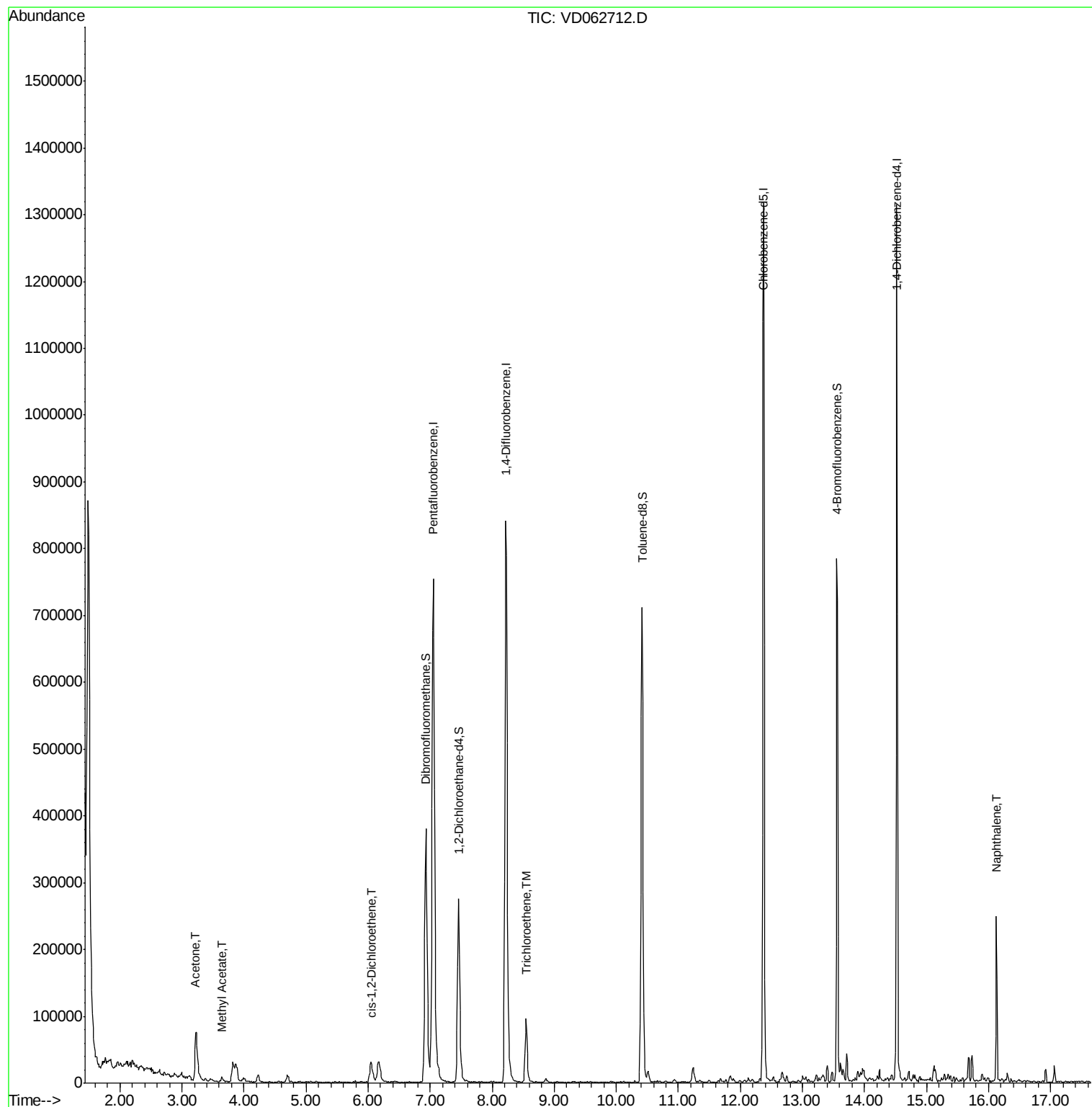
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	721316	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	920447	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	704838	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	255808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	314476	30.21	ug/l	0.01
Spiked Amount 50.000			Recovery	=	60.42%	
35) Dibromofluoromethane	6.93	113	326061	33.59	ug/l	0.01
Spiked Amount 50.000			Recovery	=	67.18%	
50) Toluene-d8	10.42	98	557394	27.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.60%	
62) 4-Bromofluorobenzene	13.56	95	221326	23.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.46%	
Target Compounds						
16) Acetone	3.22	43	157301	82.531	ug/l	96
18) Methyl Acetate	3.64	43	11525	3.679	ug/l #	76
27) cis-1,2-Dichloroethene	6.05	96	16128	2.127	ug/l	74
44) Trichloroethene	8.55	130	38874	4.654	ug/l	99
95) Naphthalene	16.13	128	141098	17.602	ug/l	98

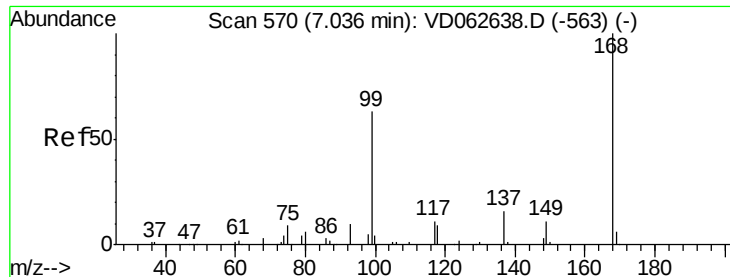
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061419\
Data File : VD062712.D
Acq On : 14 Jun 2019 15:44
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 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: VD062712.D

Acq: 14 Jun 2019 15:44

Instrument :

MSVOA_D

ClientSampleId :

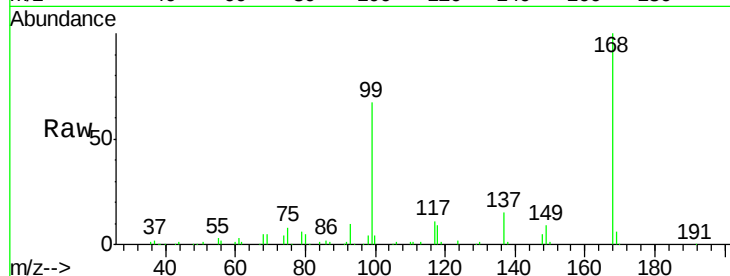
BAT-B15RE

Tot Ion:168 Resp: 721316

Ion Ratio Lower Upper

168 100

99 67.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

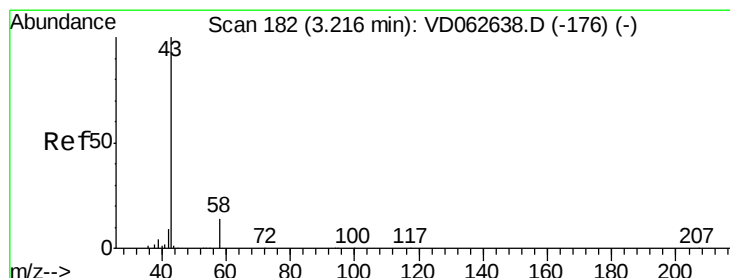
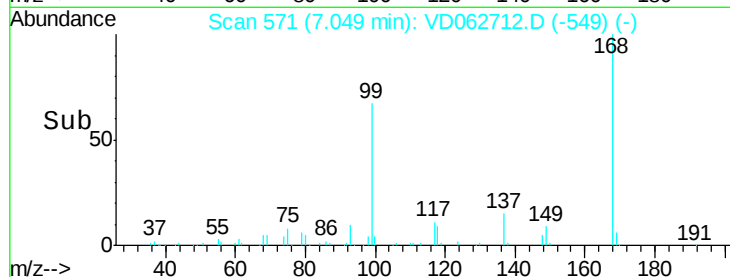
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 82.531 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD062712.D

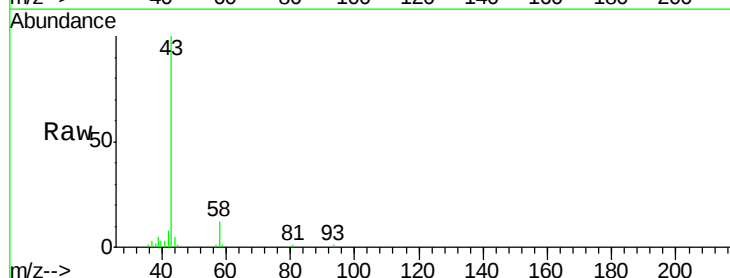
Acq: 14 Jun 2019 15:44

Tgt Ion: 43 Resp: 157301

Ion Ratio Lower Upper

43 100

58 11.7 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

60000

50000

40000

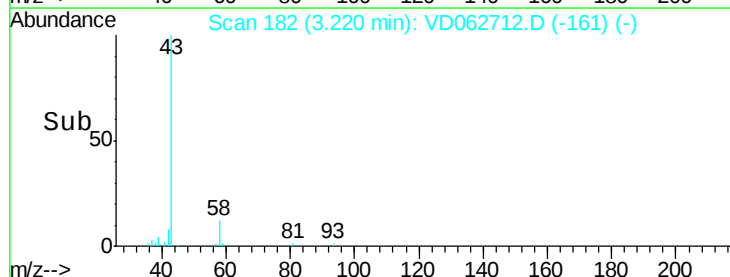
30000

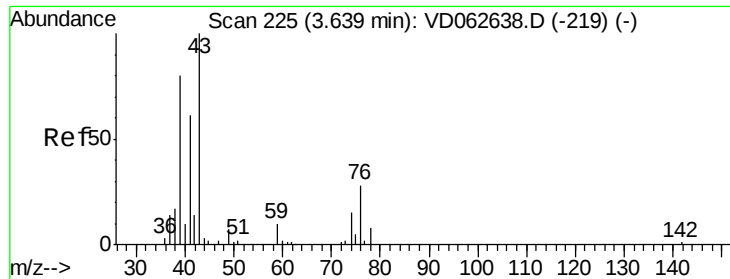
20000

10000

0

Time-->

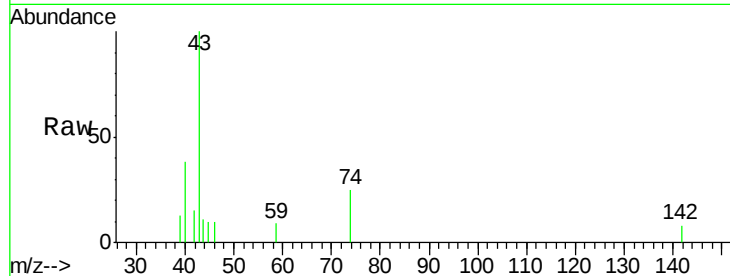




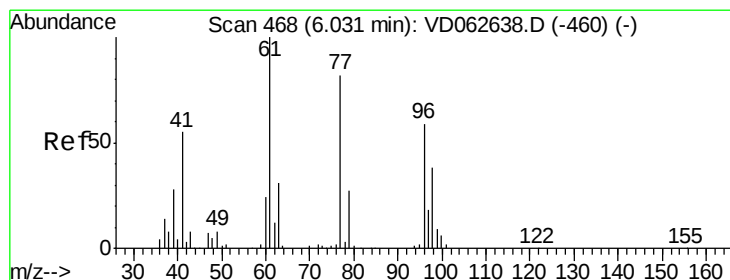
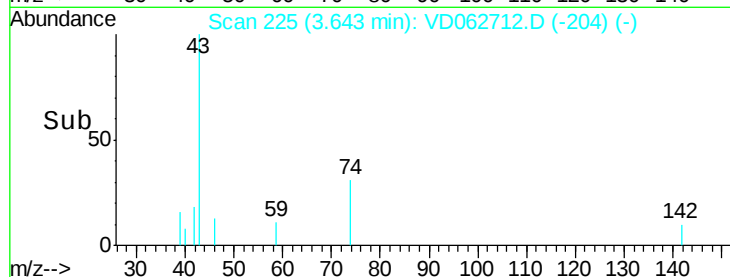
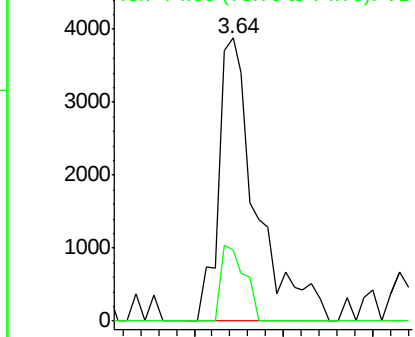
#18
Methyl Acetate
Concen: 3.679 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument :
MSVOA_D
ClientSampleId :
BAT-B15RE

Tot Ion: 43 Resp: 11525
Ion Ratio Lower Upper
43 100
74 25.1 12.1 18.1#

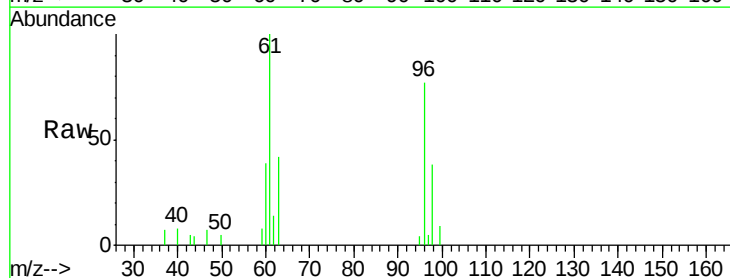


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

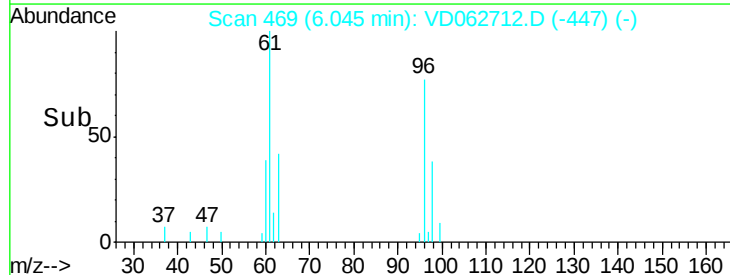
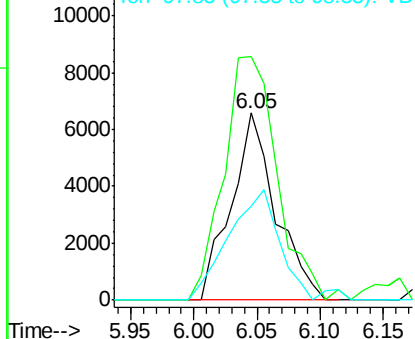


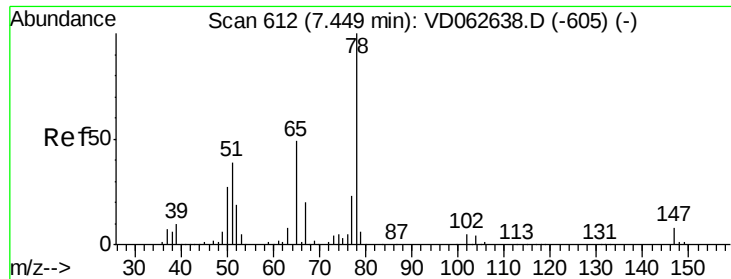
#27
cis-1,2-Dichloroethene
Concen: 2.127 ug/l
RT: 6.05 min Scan# 469
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion: 96 Resp: 16128
Ion Ratio Lower Upper
96 100
61 130.4 0.0 340.0
98 50.0 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC





#33

1,2-Dichloroethane-d4

Concen: 30.213 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD062712.D

Acq: 14 Jun 2019 15:44

Instrument :

MSVOA_D

ClientSampleId :

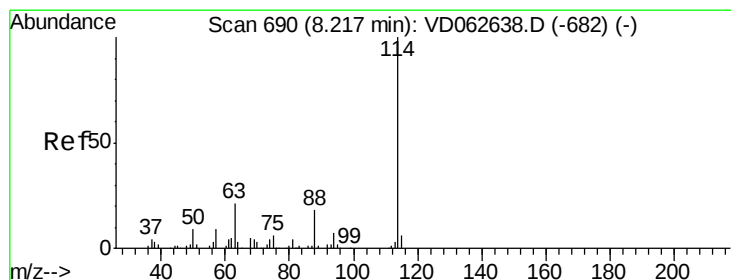
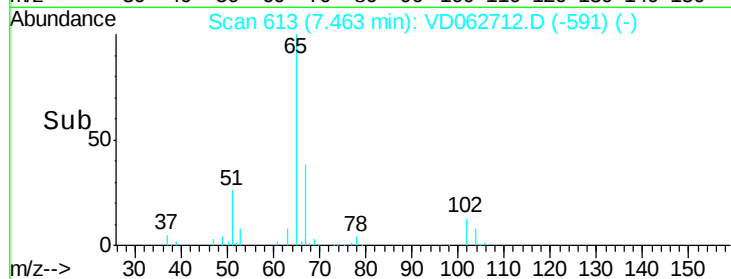
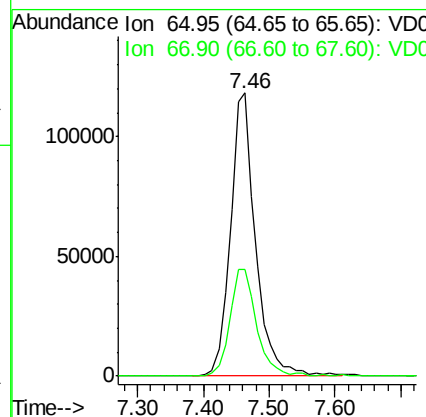
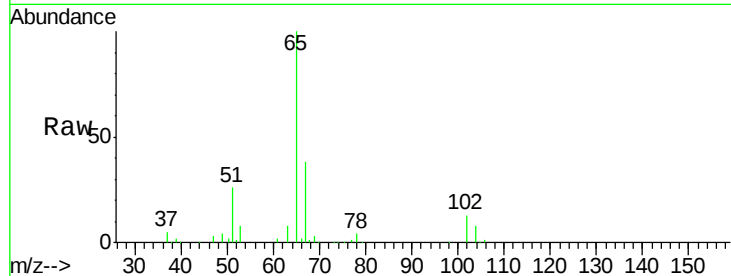
BAT-B15RE

Tot Ion: 65 Resp: 314476

Ion Ratio Lower Upper

65 100

67 37.8 0.0 81.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062712.D

Acq: 14 Jun 2019 15:44

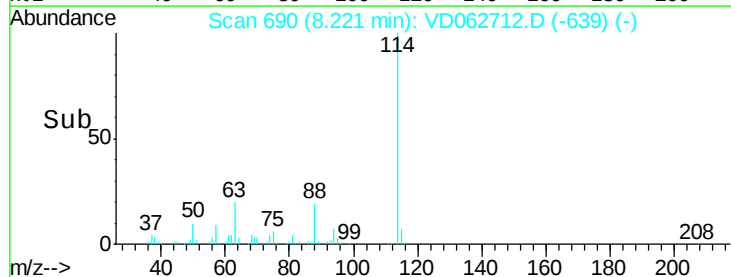
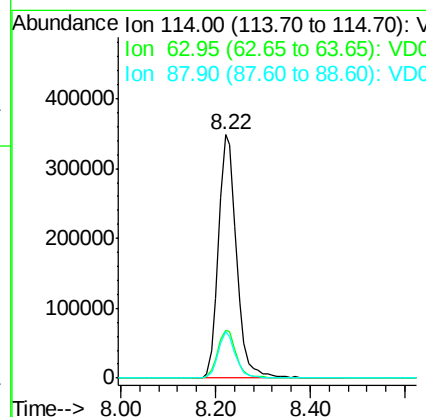
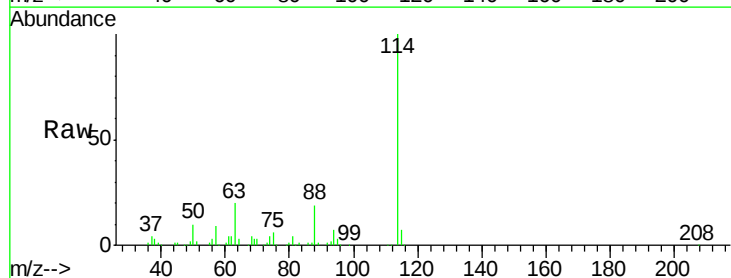
Tgt Ion: 114 Resp: 920447

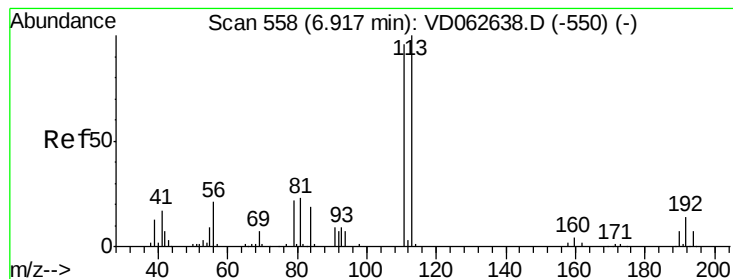
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 18.9 0.0 36.8





#35

Dibromofluoromethane

Concen: 33.589 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD062712.D

Acq: 14 Jun 2019 15:44

Instrument :

MSVOA_D

ClientSampleId :

BAT-B15RE

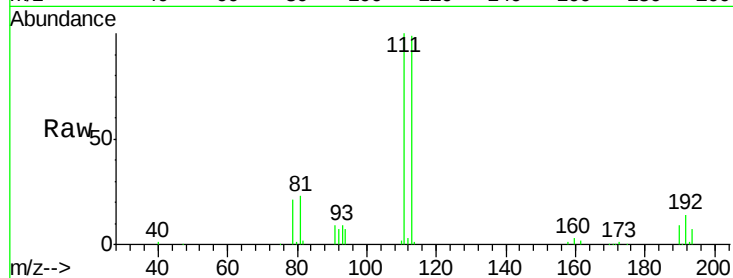
Tot Ion:113 Resp: 326061

Ion Ratio Lower Upper

113 100

111 100.6 76.4 114.6

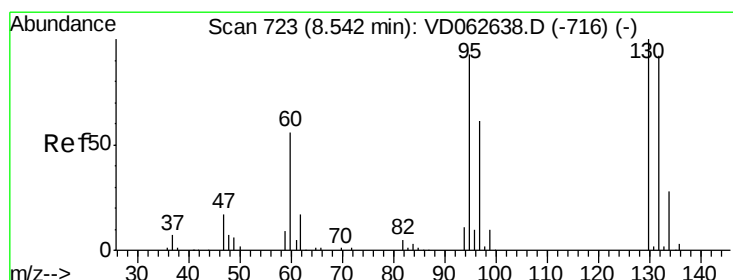
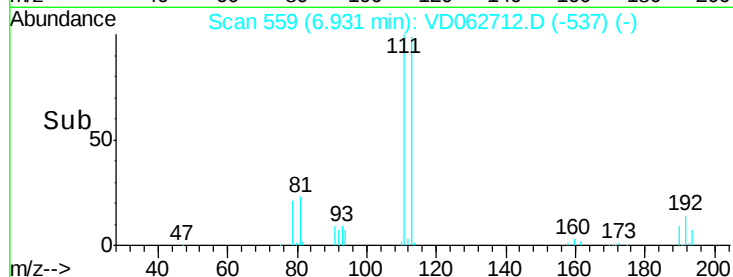
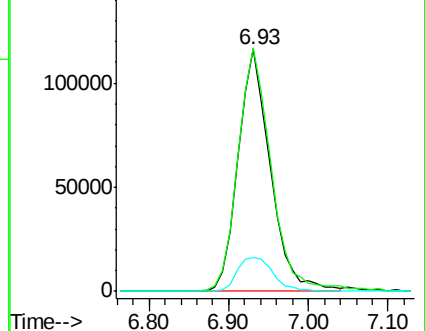
192 14.1 11.4 17.0



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



#44

Trichloroethene

Concen: 4.654 ug/l

RT: 8.55 min Scan# 723

Delta R.T. 0.00 min

Lab File: VD062712.D

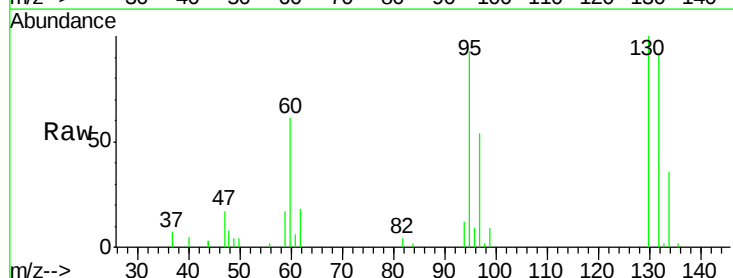
Acq: 14 Jun 2019 15:44

Tgt Ion:130 Resp: 38874

Ion Ratio Lower Upper

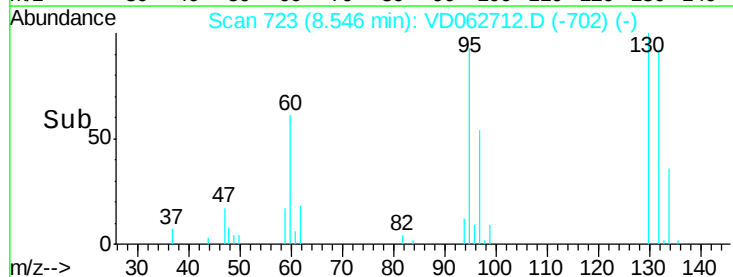
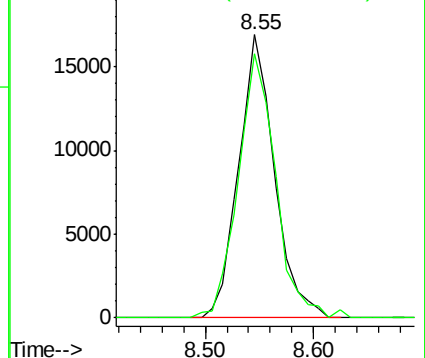
130 100

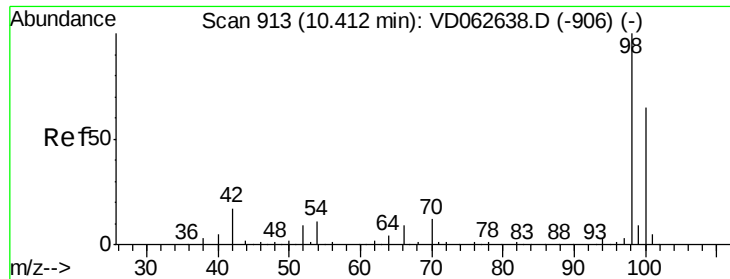
95 93.3 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 27.295 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062712.D

Acq: 14 Jun 2019 15:44

Instrument :

MSVOA_D

ClientSampleId :

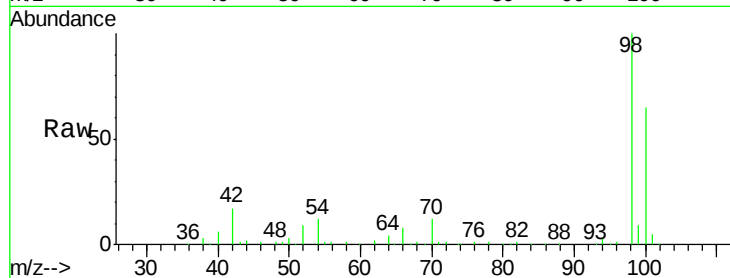
BAT-B15RE

Tot Ion: 98 Resp: 557394

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VD062638.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062638.D (-906) (-)

10.42

250000

200000

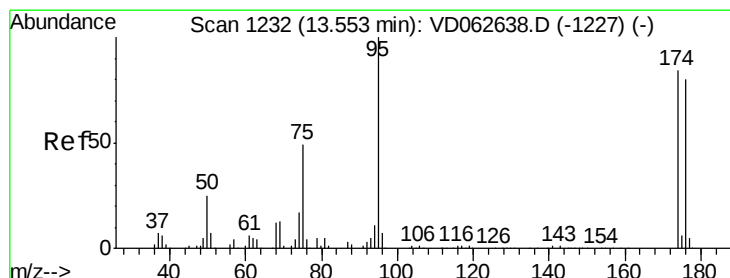
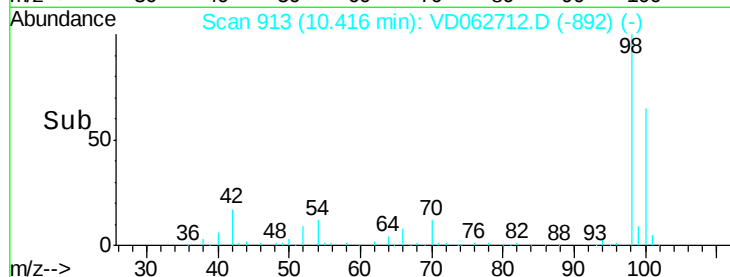
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 23.231 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062712.D

Acq: 14 Jun 2019 15:44

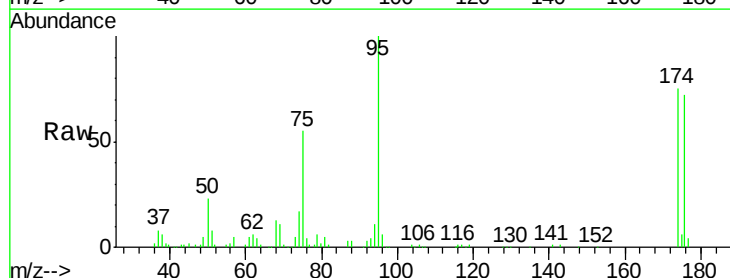
Tgt Ion: 95 Resp: 221326

Ion Ratio Lower Upper

95 100

174 74.7 0.0 167.0

176 71.8 0.0 159.2



Abundance Ion 95.00 (94.70 to 95.70): VD062638.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062638.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062638.D (-1227) (-)

13.56

200000

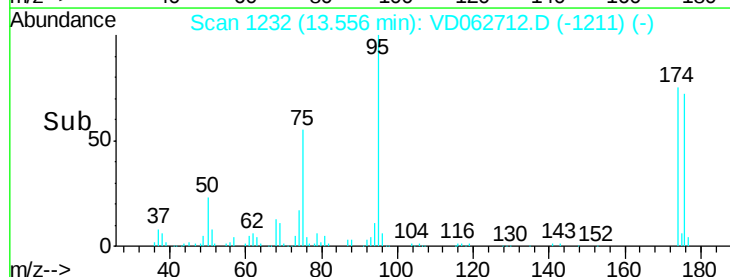
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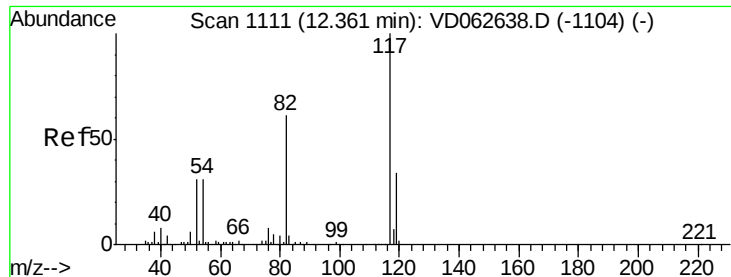
100000

50000

0

Time-->

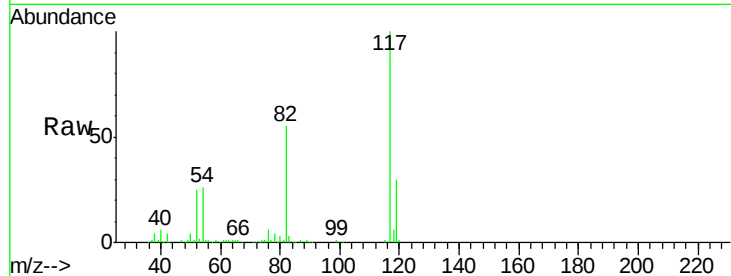




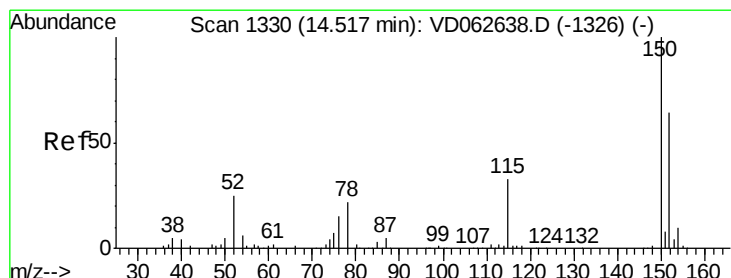
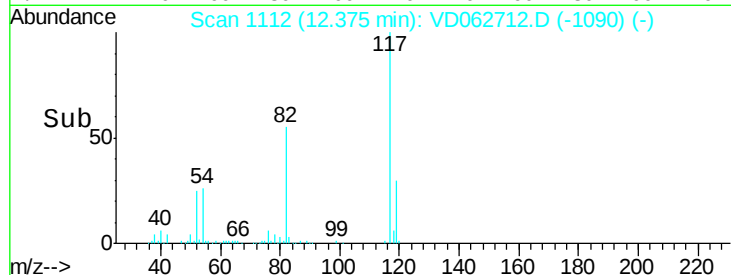
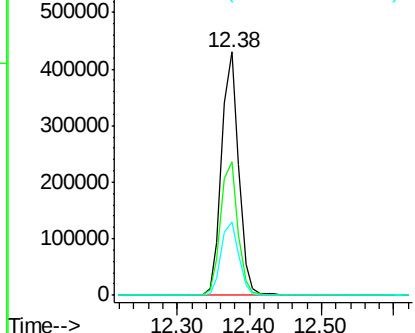
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument :
MSVOA_D
ClientSampleId :
BAT-B15RE

Tot Ion:117 Resp: 704838
Ion Ratio Lower Upper
117 100
82 54.9 48.7 73.1
119 30.2 27.0 40.6

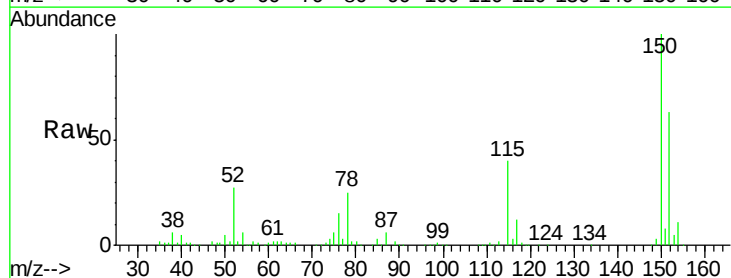


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

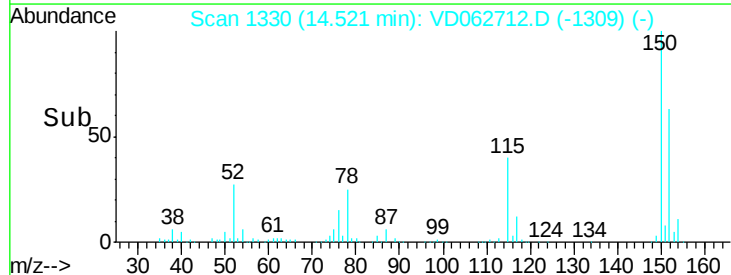
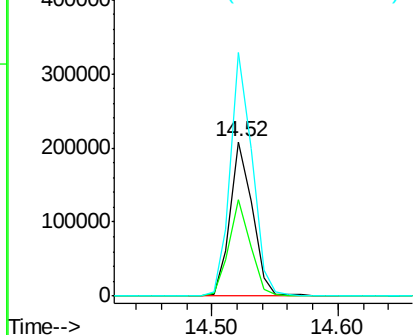


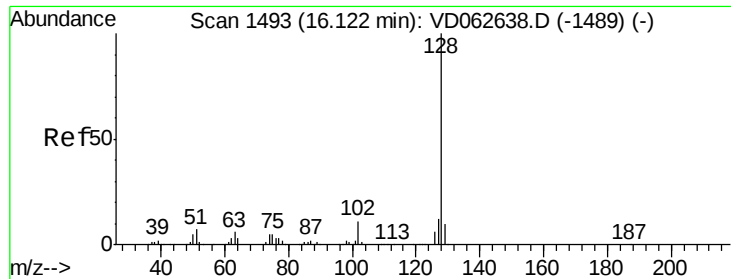
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion:152 Resp: 255808
Ion Ratio Lower Upper
152 100
115 62.8 30.1 90.5
150 157.7 0.0 314.0



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





#95

Naphthalene

Concen: 17.602 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD062712.D

Acq: 14 Jun 2019 15:44

Instrument :

MSVOA_D

ClientSampleId :

BAT-B15RE

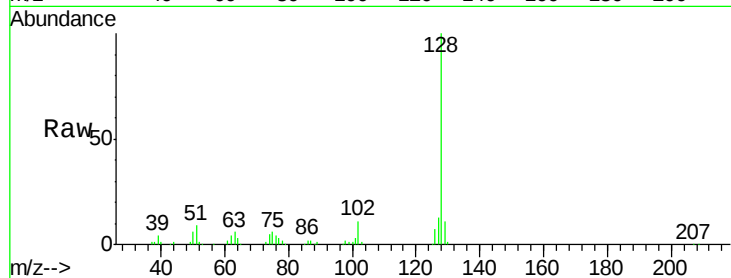
Tot Ion:128 Resp: 141098

Ion Ratio Lower Upper

128 100

127 12.8 9.7 14.5

129 11.0 8.1 12.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

