

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062747.D
 Acq On : 18 Jun 2019 14:09
 Operator : VA/AP
 Sample : K3406-04RE
 Misc : 4.48g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B14-25-27RE

Quant Time: Jun 19 05:56:15 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

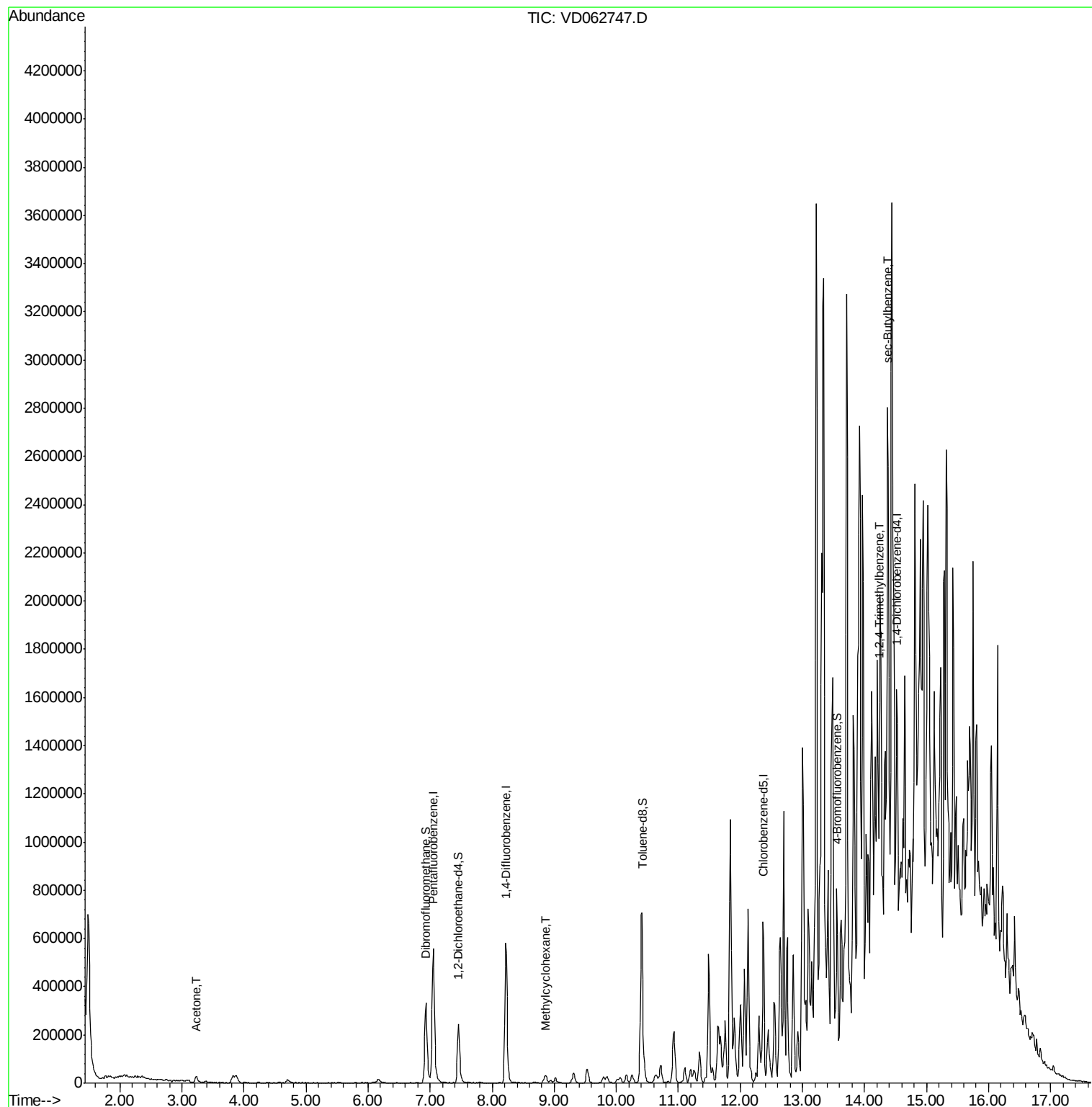
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	514450	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	642817	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	316602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	83802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	294723	39.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.40%	
35) Dibromofluoromethane	6.93	113	285887	42.17	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.34%	
50) Toluene-d8	10.42	98	490707	34.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.82%	
62) 4-Bromofluorobenzene	13.56	95	136295	20.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.96%	
Target Compounds						
16) Acetone	3.23	43	57844	42.552	ug/l	95
39) Methylcyclohexane	8.87	83	15344	2.581	ug/l #	71
84) 1,2,4-Trimethylbenzene	14.24	105	11290	2.184	ug/l	91
85) sec-Butylbenzene	14.37	105	9474	1.569	ug/l	86

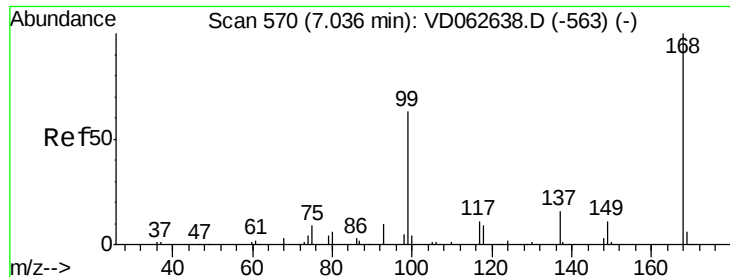
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
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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: VD062747.D

Acq: 18 Jun 2019 14:09

Instrument :

MSVOA_D

ClientSampleId :

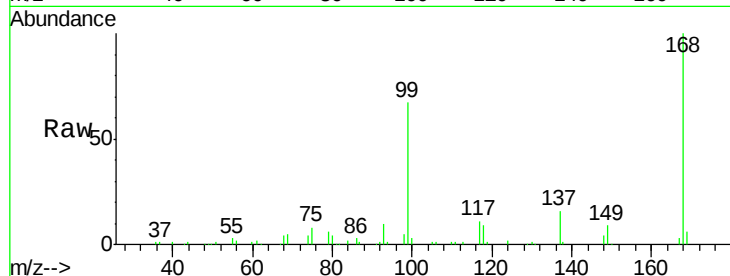
BAT-B14-25-27RE

Tot Ion:168 Resp: 514450

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

200000

150000

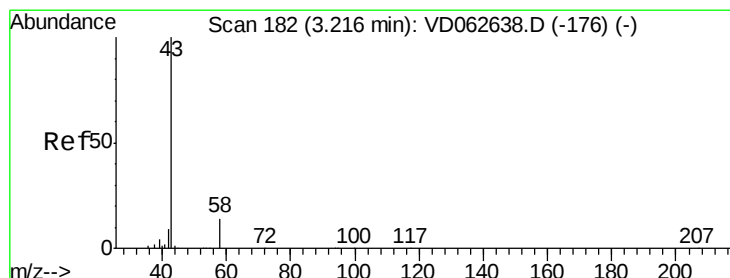
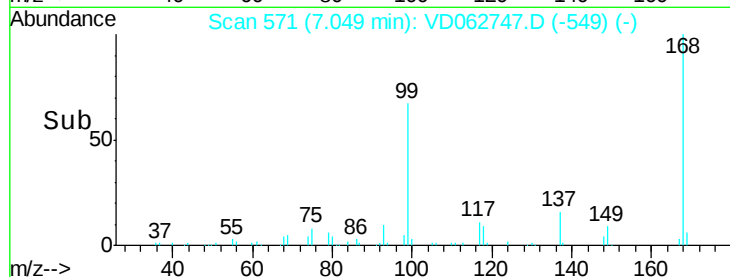
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 42.552 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062747.D

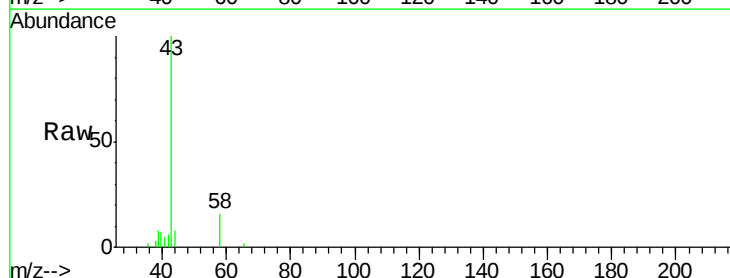
Acq: 18 Jun 2019 14:09

Tgt Ion: 43 Resp: 57844

Ion Ratio Lower Upper

43 100

58 15.6 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

20000

15000

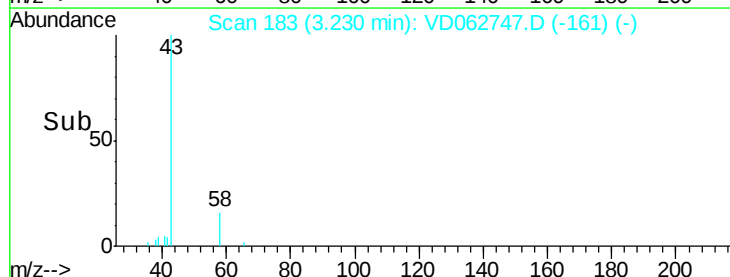
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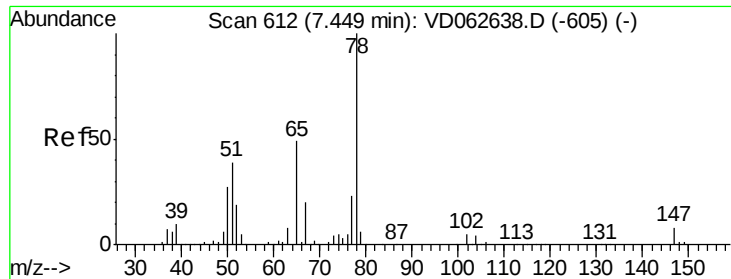
5000

0

Time-->

3.10 3.20 3.30 3.40

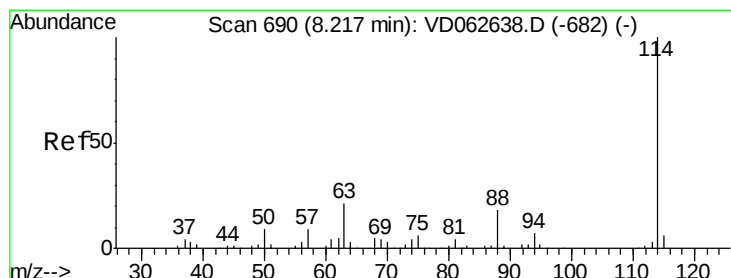
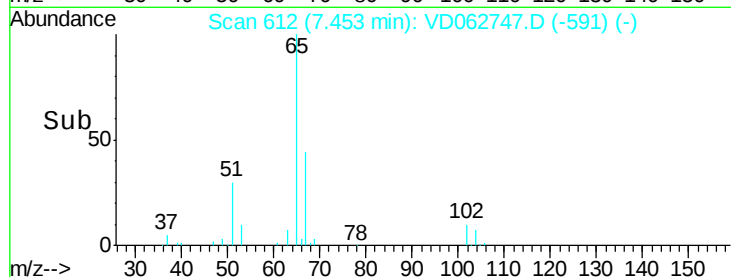
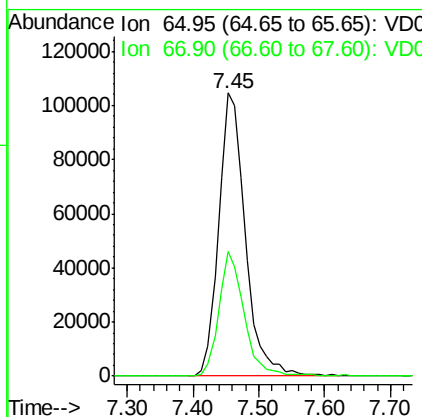
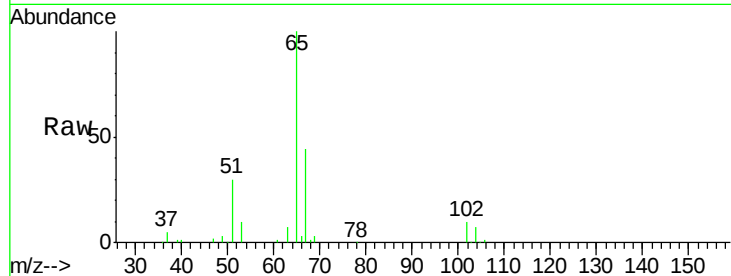




#33
 1,2-Dichloroethane-d4
 Concen: 39.702 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

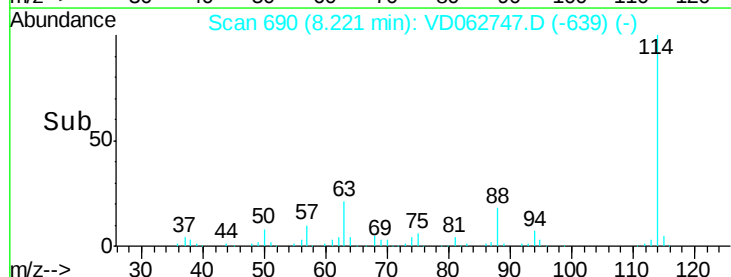
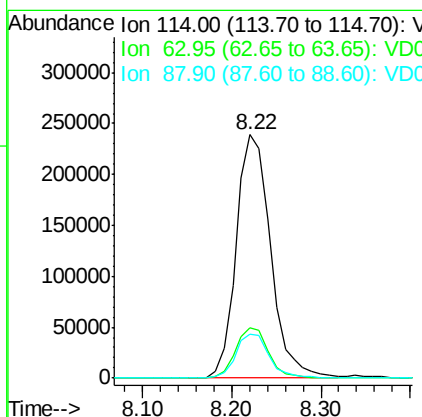
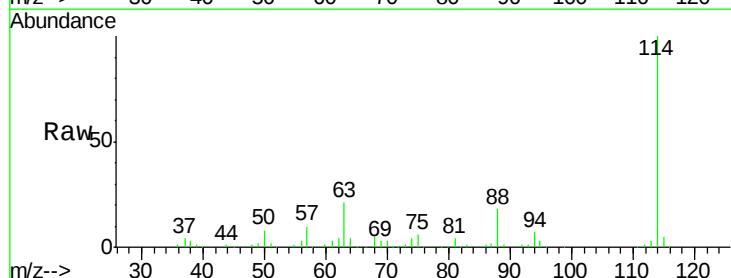
Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B14-25-27RE

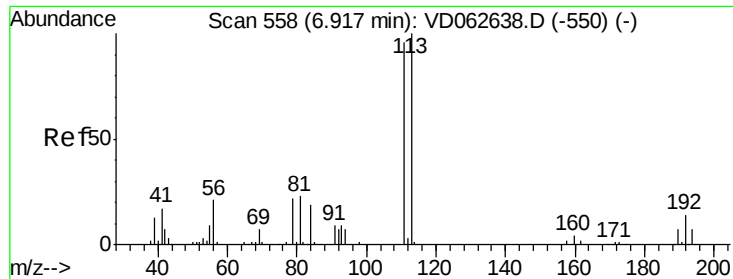
Tot Ion: 65 Resp: 294723
 Ion Ratio Lower Upper
 65 100
 67 44.0 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

Tgt Ion: 114 Resp: 642817
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 18.2 0.0 36.8





#35

Dibromofluoromethane

Concen: 42.170 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

Instrument :

MSVOA_D

ClientSampleId :

BAT-B14-25-27RE

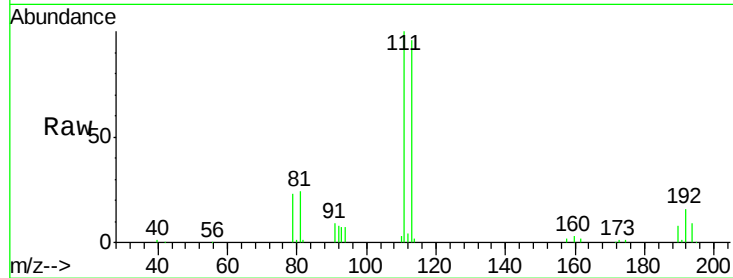
Tot Ion:113 Resp: 285887

Ion Ratio Lower Upper

113 100

111 104.1 76.4 114.6

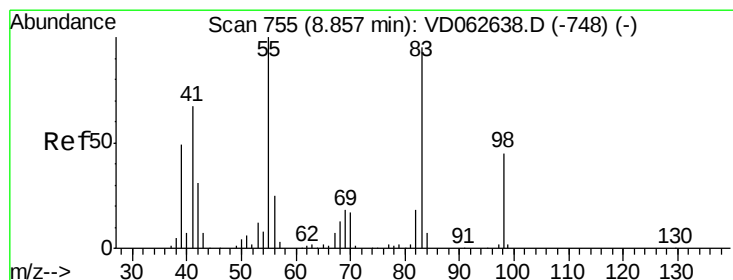
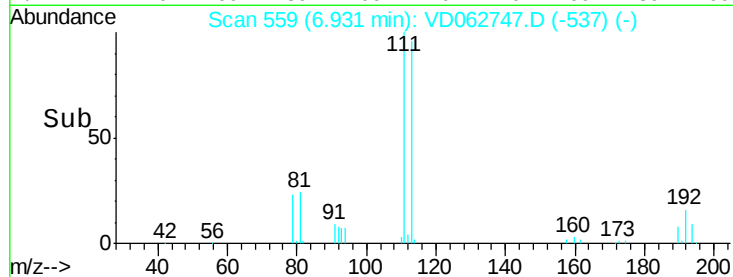
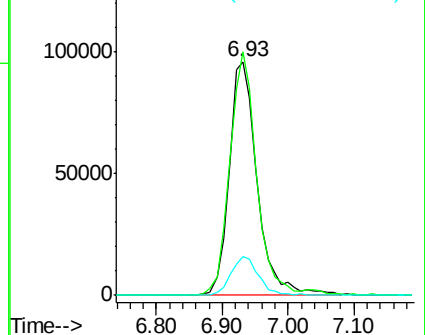
192 16.4 11.4 17.0



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



#39

Methylcyclohexane

Concen: 2.581 ug/l

RT: 8.87 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

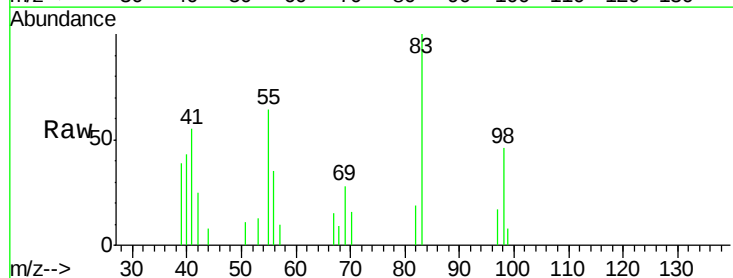
Tgt Ion: 83 Resp: 15344

Ion Ratio Lower Upper

83 100

55 64.1 84.6 127.0#

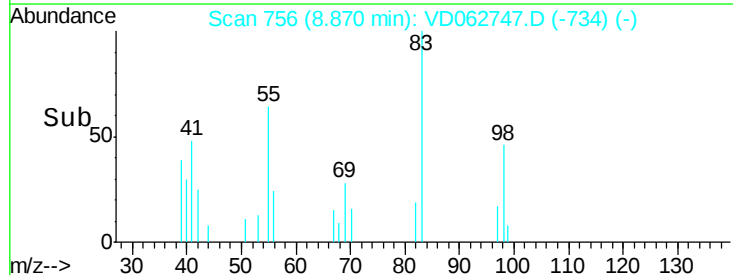
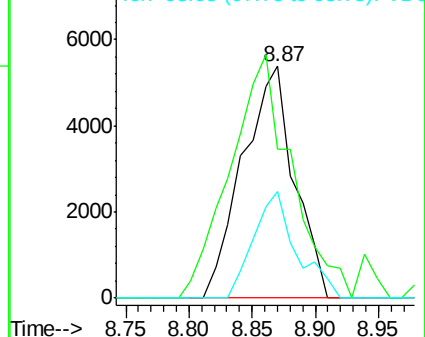
98 45.9 38.2 57.4

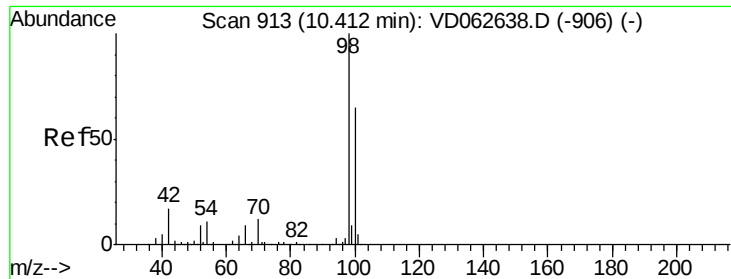


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC

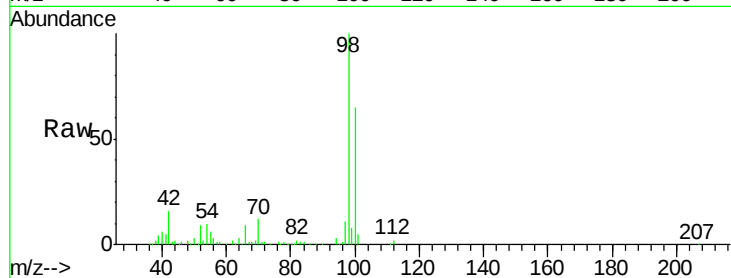




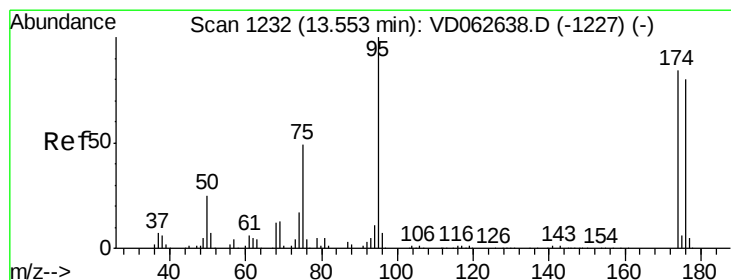
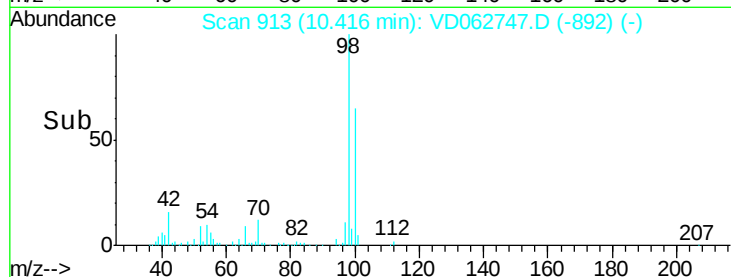
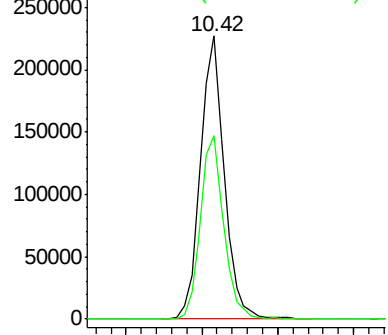
#50
Toluene-d8
Concen: 34.408 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Instrument :
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ClientSampleId :
BAT-B14-25-27RE

Tot Ion: 98 Resp: 490707
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

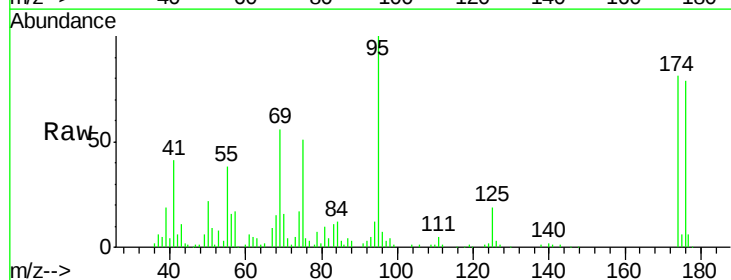


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

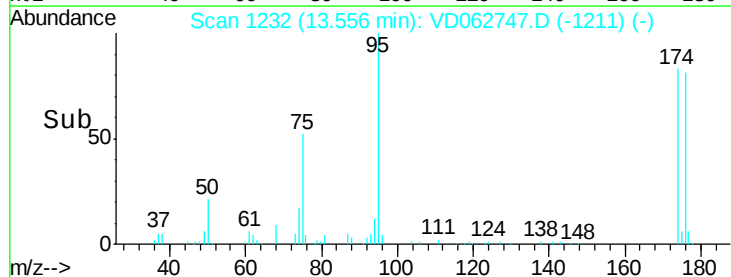
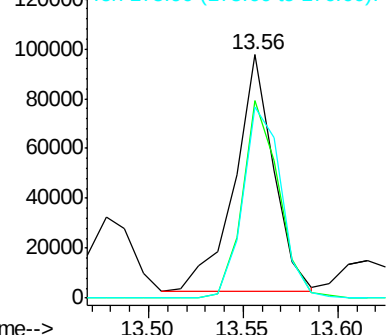


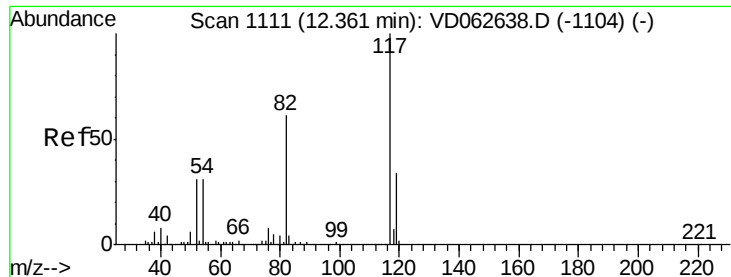
#62
4-Bromofluorobenzene
Concen: 20.485 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Tgt Ion: 95 Resp: 136295
Ion Ratio Lower Upper
95 100
174 81.0 0.0 167.0
176 78.7 0.0 159.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

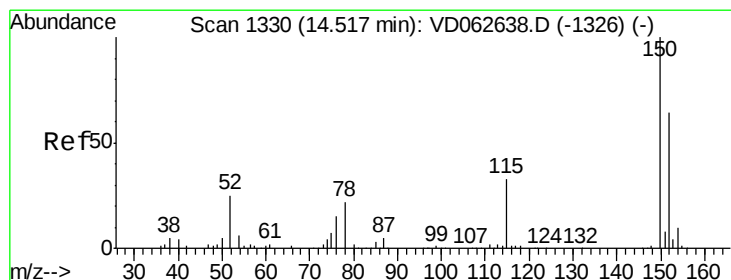
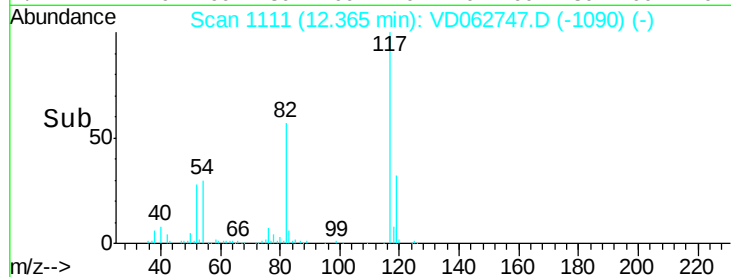
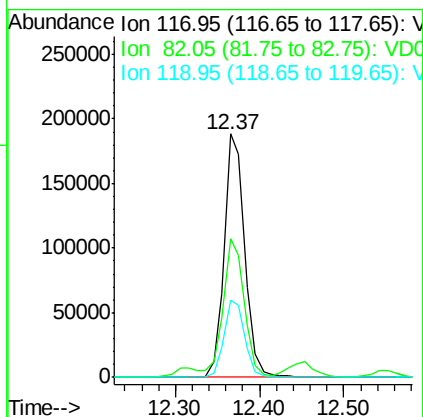
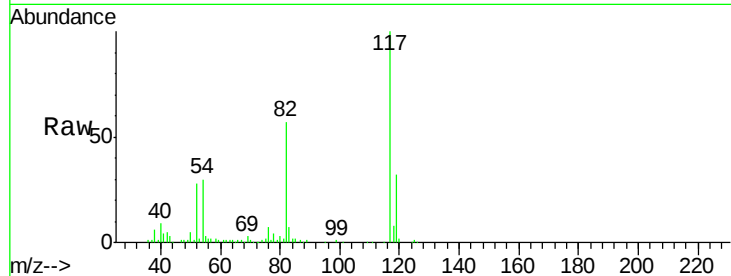




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

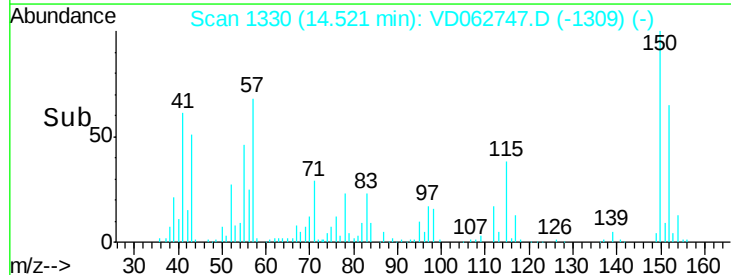
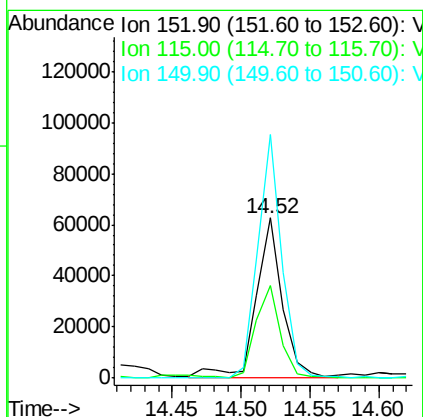
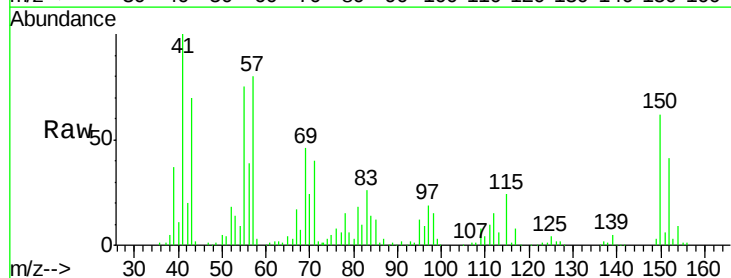
Instrument :
MSVOA_D
ClientSampleId :
BAT-B14-25-27RE

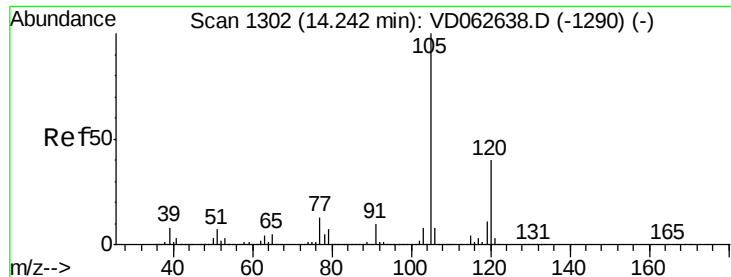
Tot Ion:117 Resp: 316602
Ion Ratio Lower Upper
117 100
82 57.1 48.7 73.1
119 31.7 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Tgt Ion:152 Resp: 83802
Ion Ratio Lower Upper
152 100
115 58.1 30.1 90.5
150 152.1 0.0 314.0

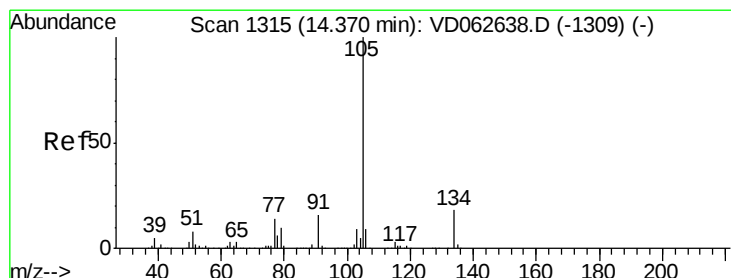
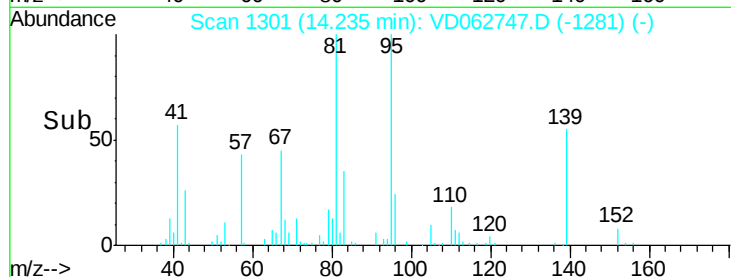
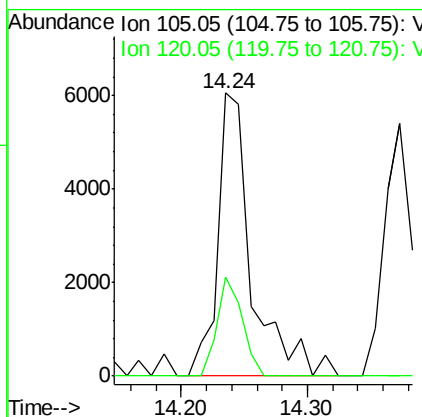
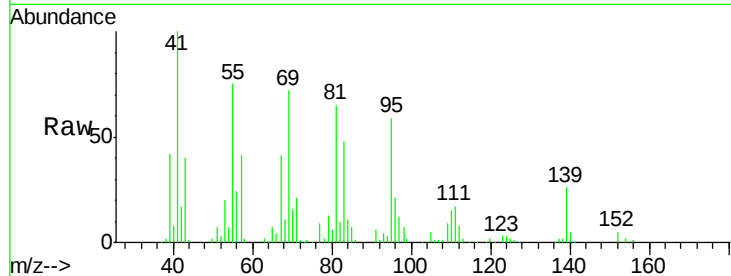




#84
 1,2,4-Trimethylbenzene
 Concen: 2.184 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B14-25-27RE

Tot Ion:105 Resp: 11290
 Ion Ratio Lower Upper
 105 100
 120 35.1 20.3 60.8



#85
 sec-Butylbenzene
 Concen: 1.569 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

Tgt Ion:105 Resp: 9474
 Ion Ratio Lower Upper
 105 100
 134 23.7 8.8 26.2

