

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059972.D
 Acq On : 5 Sep 2018 16:36
 Operator : JC/SY
 Sample : J4741-11
 Misc : 5.35g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC10-02-C

Quant Time: Sep 05 17:02:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

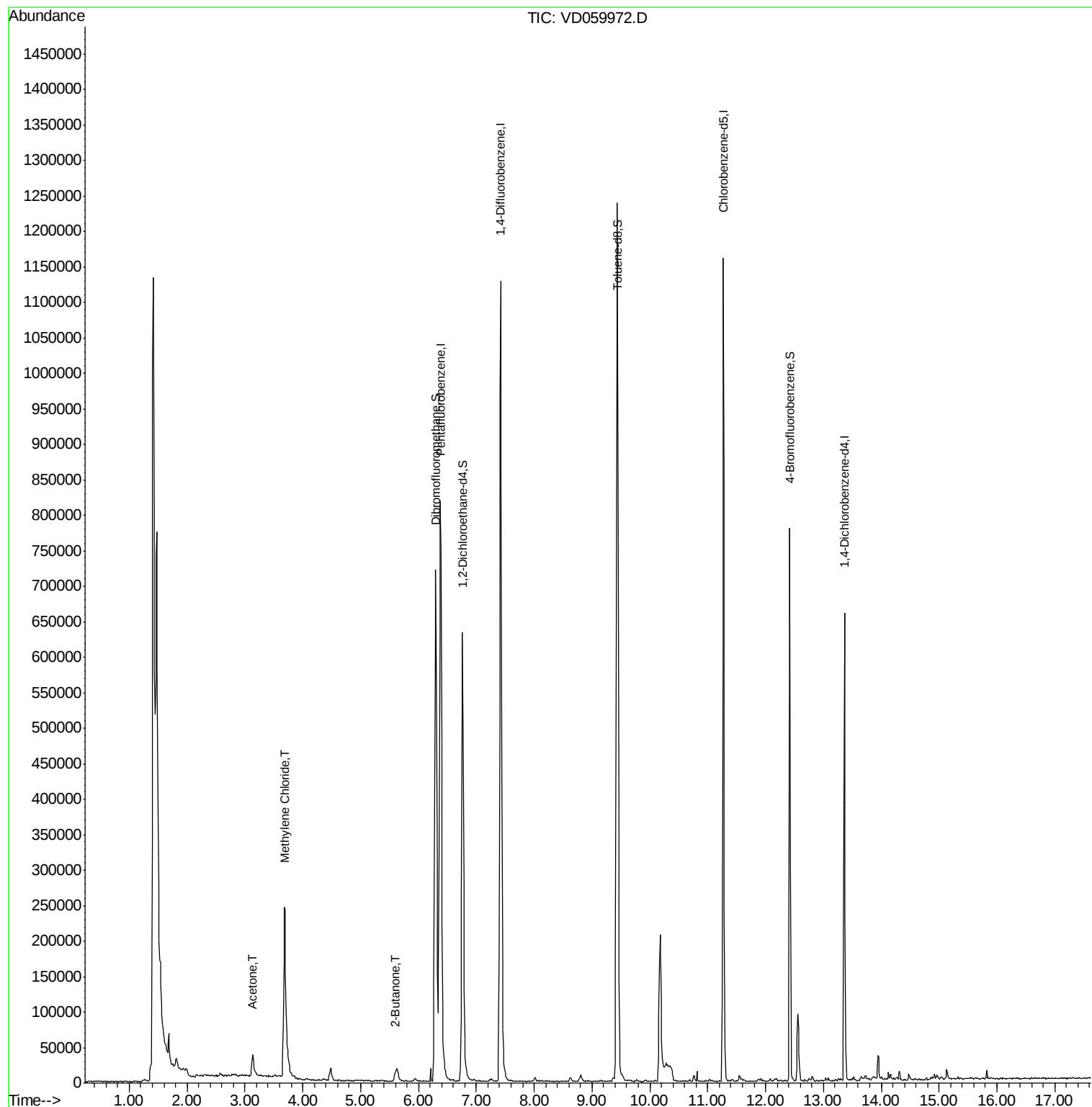
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	791252	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1150073	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	589685	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	140526	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	505938	75.86	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	151.72%	
35) Dibromofluoromethane	6.30	113	554573	61.51	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	123.02%	
50) Toluene-d8	9.44	98	983228	39.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.58%	
62) 4-Bromofluorobenzene	12.42	95	219050	21.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	43.10%	
Target Compounds						
16) Acetone	3.13	43	65048	53.54	ug/l	94
20) Methylene Chloride	3.68	84	140797	14.74	ug/l	96
25) 2-Butanone	5.59	43	23517	6.54	ug/l	99

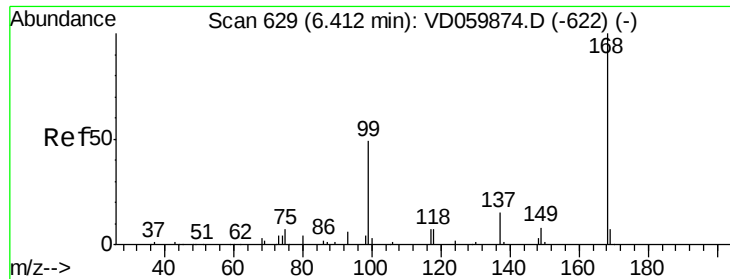
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.03 min

Lab File: VD059972.D

Acq: 5 Sep 2018 16:36

Instrument :

MSVOA_D

ClientSampleId :

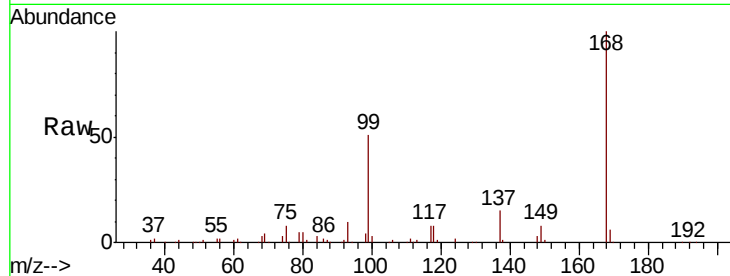
AOC10-02-C

Tot Ion:168 Resp: 791252

Ion Ratio Lower Upper

168 100

99 51.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

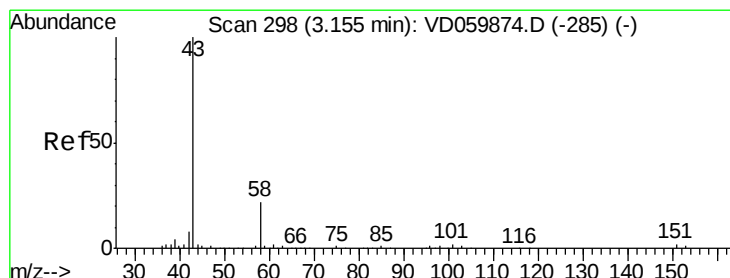
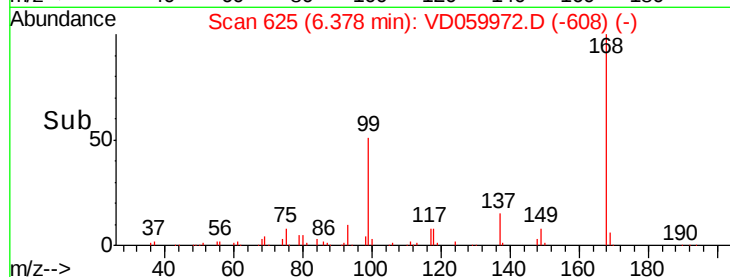
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 53.54 ug/l

RT: 3.13 min Scan# 295

Delta R.T. -0.02 min

Lab File: VD059972.D

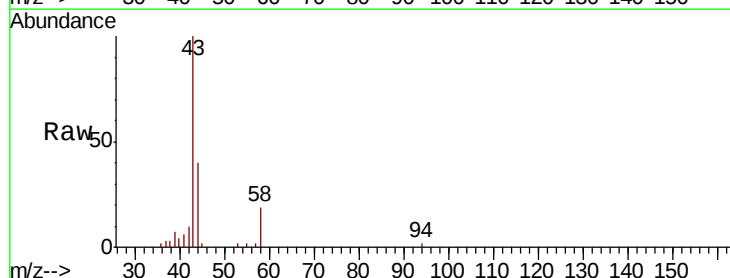
Acq: 5 Sep 2018 16:36

Tgt Ion: 43 Resp: 65048

Ion Ratio Lower Upper

43 100

58 19.0 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.13

20000

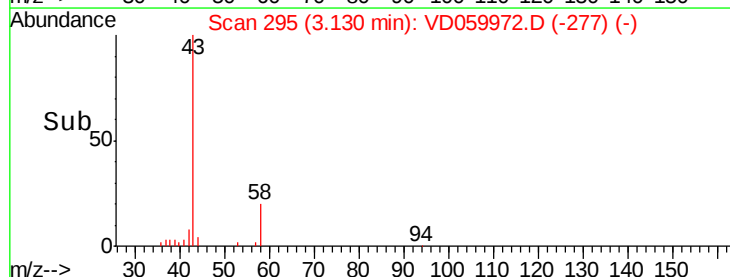
15000

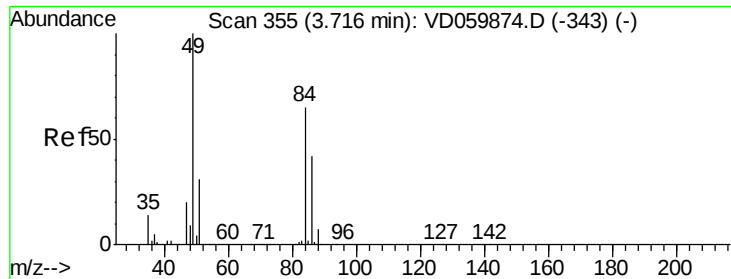
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5000

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Time-->

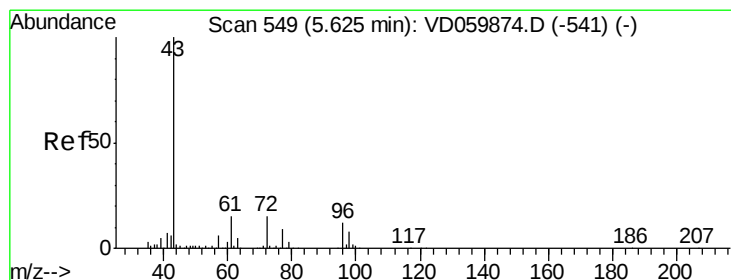
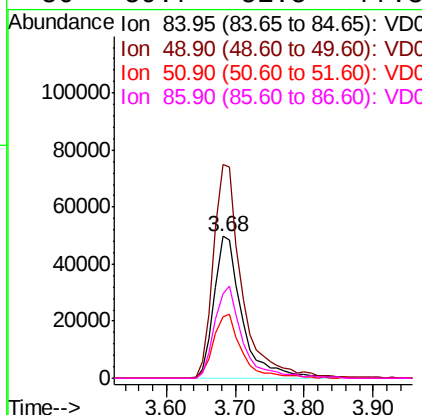
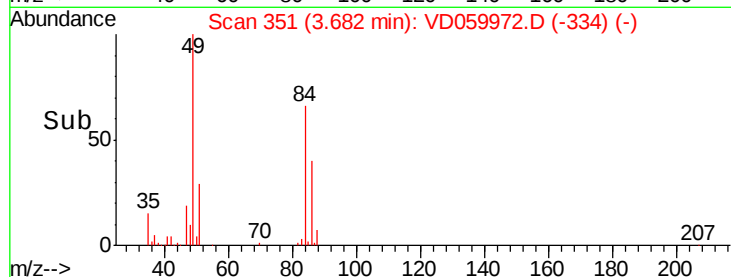
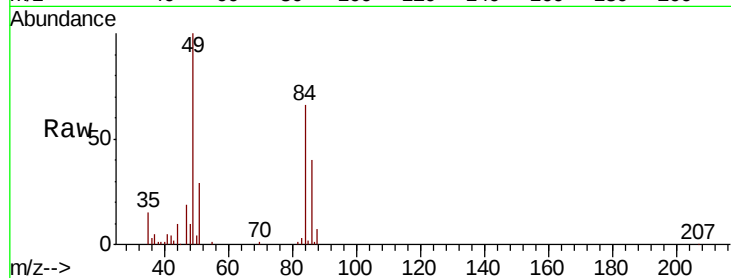




#20
Methylene Chloride
Concen: 14.74 ug/l
RT: 3.68 min Scan# 351
Delta R.T. -0.03 min
Lab File: VD059972.D
Acq: 5 Sep 2018 16:36

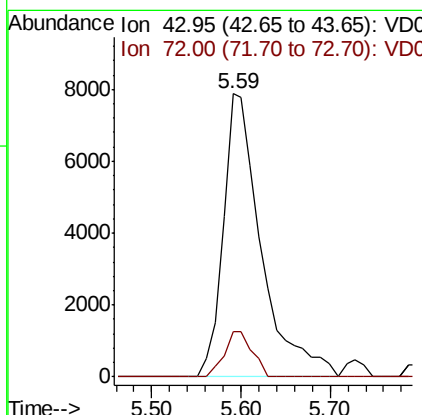
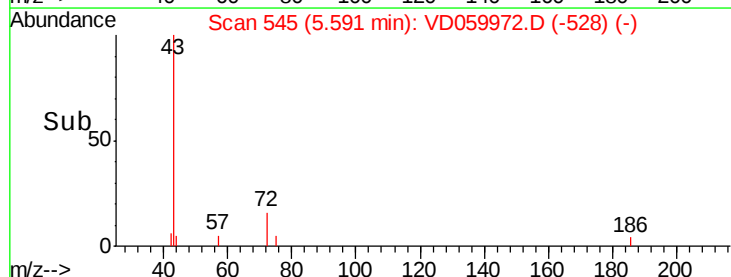
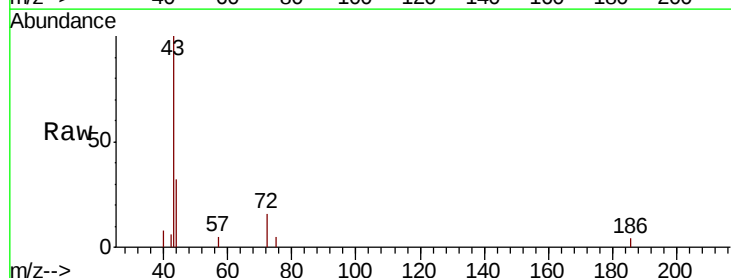
Instrument :
MSVOA_D
ClientSampleId :
AOC10-02-C

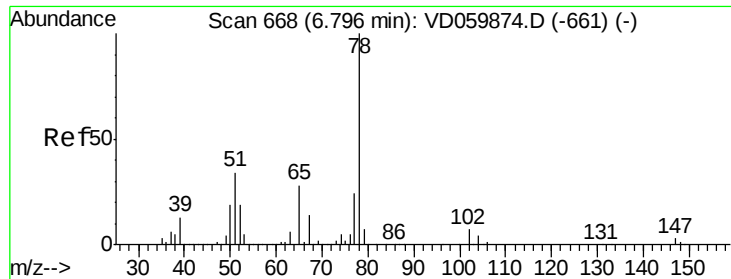
Tot Ion: 84 Resp: 140797
Ion Ratio Lower Upper
84 100
49 150.7 122.6 183.8
51 43.8 38.4 57.6
86 59.7 51.5 77.3



#25
2-Butanone
Concen: 6.54 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.03 min
Lab File: VD059972.D
Acq: 5 Sep 2018 16:36

Tgt Ion: 43 Resp: 23517
Ion Ratio Lower Upper
43 100
72 15.8 12.3 18.5

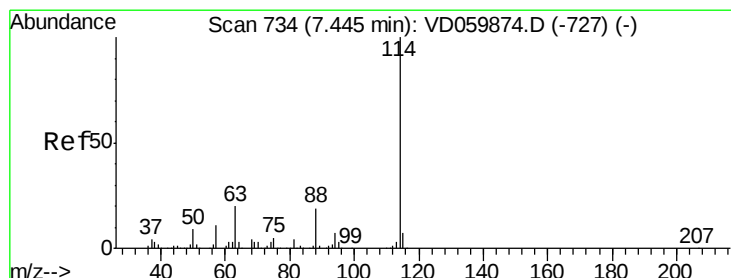
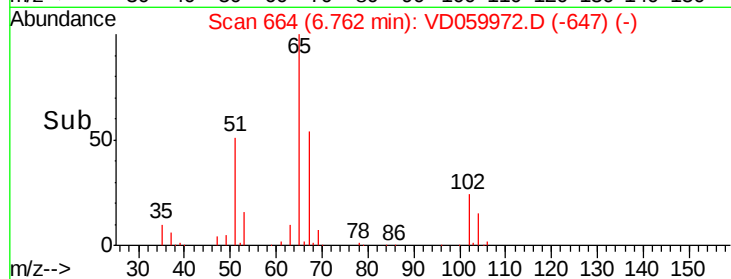
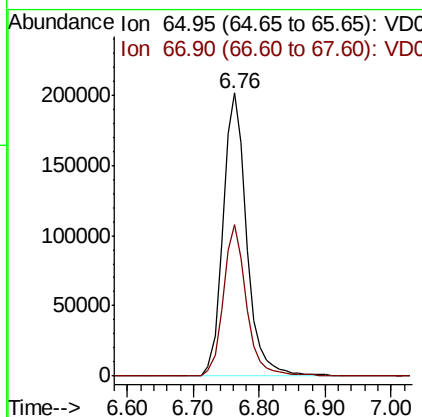
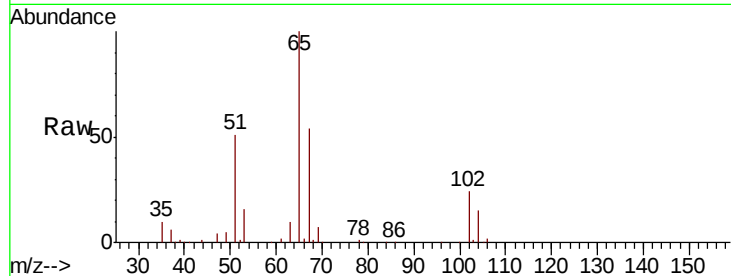




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: VD059972.D
 Acq: 5 Sep 2018 16:36

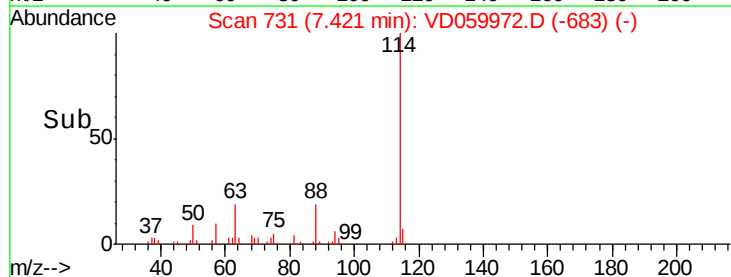
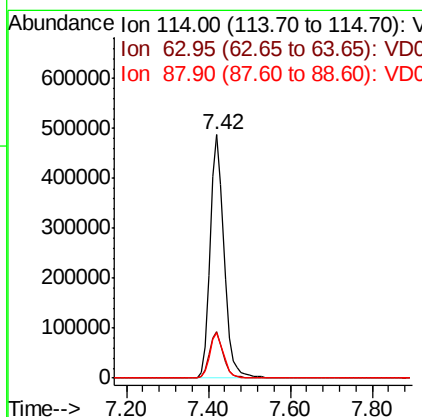
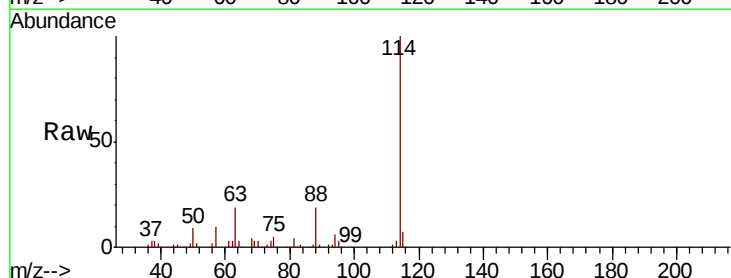
Instrument :
 MSVOA_D
 ClientSampleID :
 AOC10-02-C

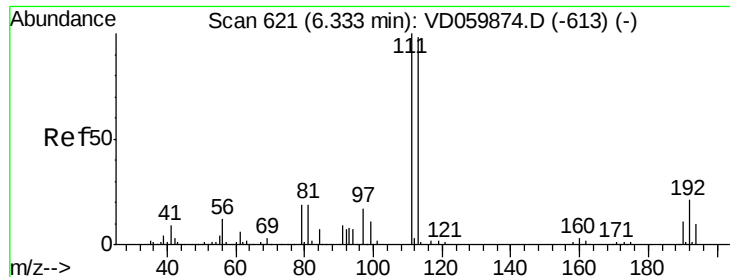
Tot Ion: 65 Resp: 505938
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: VD059972.D
 Acq: 5 Sep 2018 16:36

Tgt Ion: 114 Resp: 1150073
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.4
 88 18.7 0.0 37.6

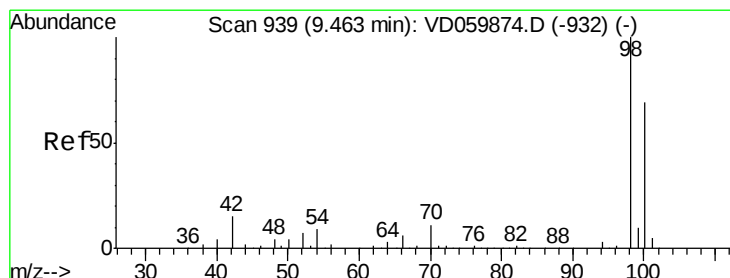
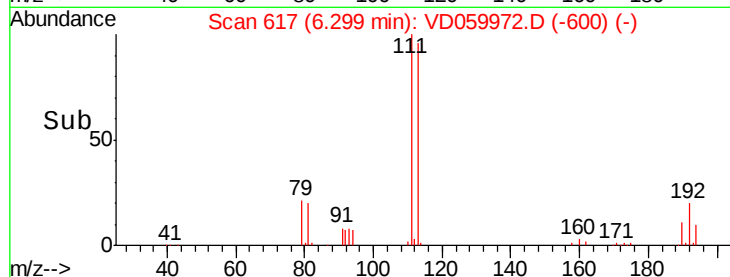
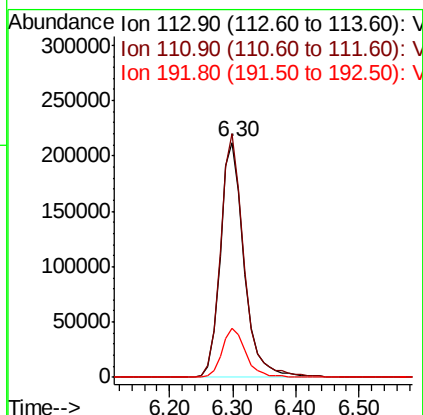
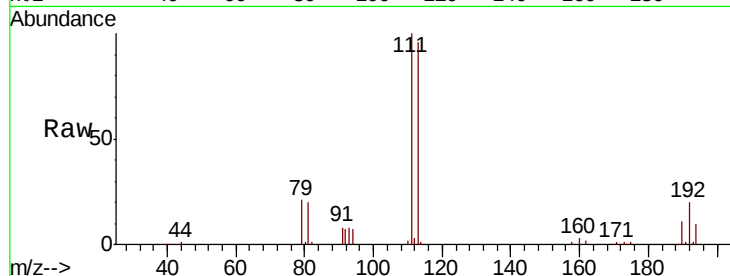




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.30 min Scan# 617
Delta R.T. -0.03 min
Lab File: VD059972.D
Acq: 5 Sep 2018 16:36

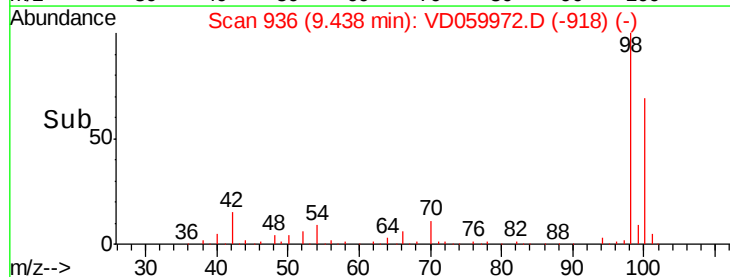
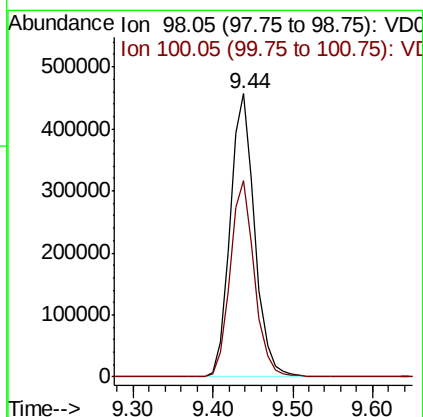
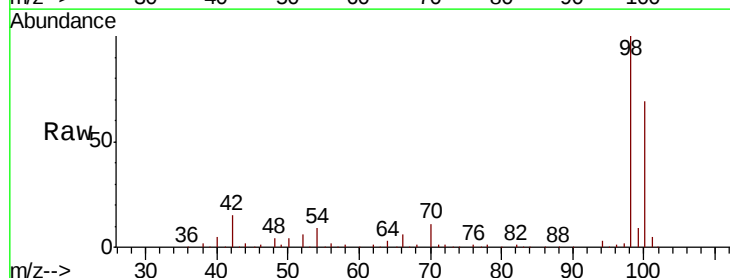
Instrument :
MSVOA_D
ClientSampleId :
AOC10-02-C

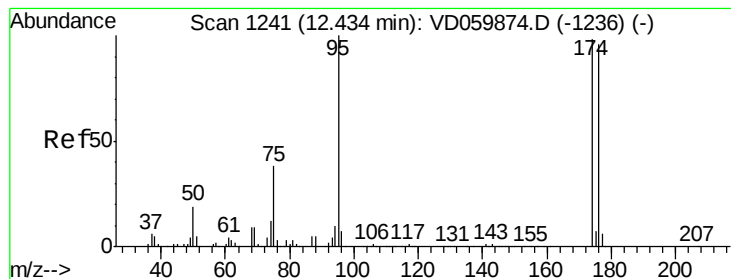
Tot Ion:113 Resp: 554573
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.2
192 20.7 17.0 25.6



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 936
Delta R.T. -0.02 min
Lab File: VD059972.D
Acq: 5 Sep 2018 16:36

Tgt Ion: 98 Resp: 983228
Ion Ratio Lower Upper
98 100
100 69.2 55.8 83.6





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VD059972.D

Acq: 5 Sep 2018 16:36

Instrument :

MSVOA_D

ClientSampleId :

AOC10-02-C

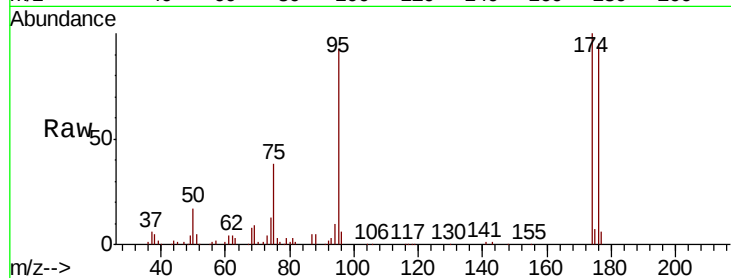
Tot Ion: 95 Resp: 219050

Ion Ratio Lower Upper

95 100

174 107.4 0.0 195.6

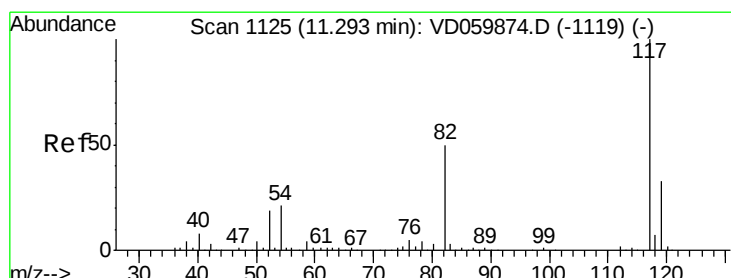
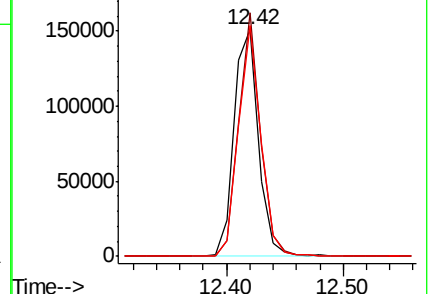
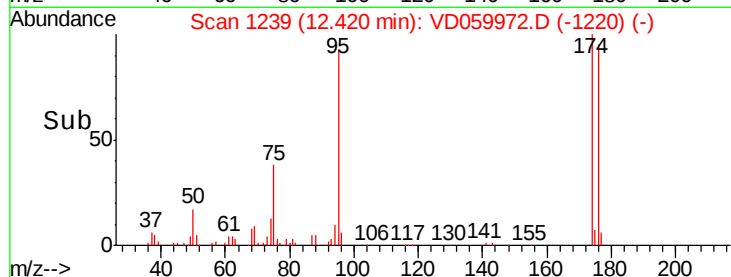
176 102.0 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.27 min Scan# 1122

Delta R.T. -0.02 min

Lab File: VD059972.D

Acq: 5 Sep 2018 16:36

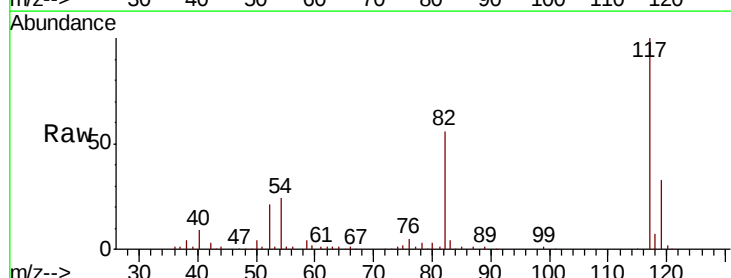
Tgt Ion: 117 Resp: 589685

Ion Ratio Lower Upper

117 100

82 56.0 40.1 60.1

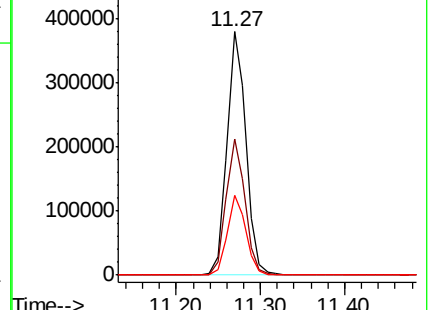
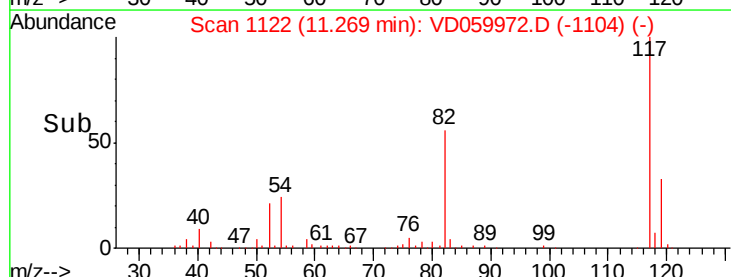
119 32.9 26.7 40.1

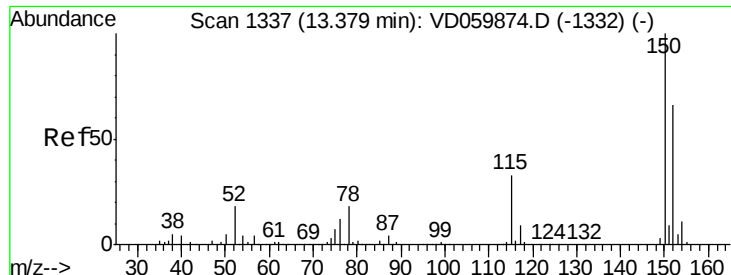


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.36 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VD059972.D

Acq: 5 Sep 2018 16:36

Instrument :

MSVOA_D

ClientSampleId :

AOC10-02-C

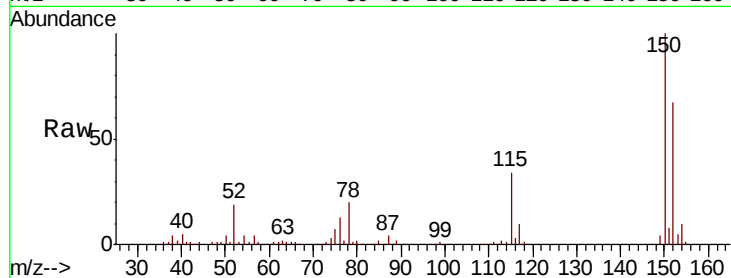
Tot Ion:152 Resp: 140526

Ion Ratio Lower Upper

152 100

115 50.7 25.7 77.0

150 149.6 0.0 310.2



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

