

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059966.D
 Acq On : 5 Sep 2018 13:45
 Operator : JC/SY
 Sample : J4739-03
 Misc : 8.28g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC2-02-C

Quant Time: Sep 05 15:46:47 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

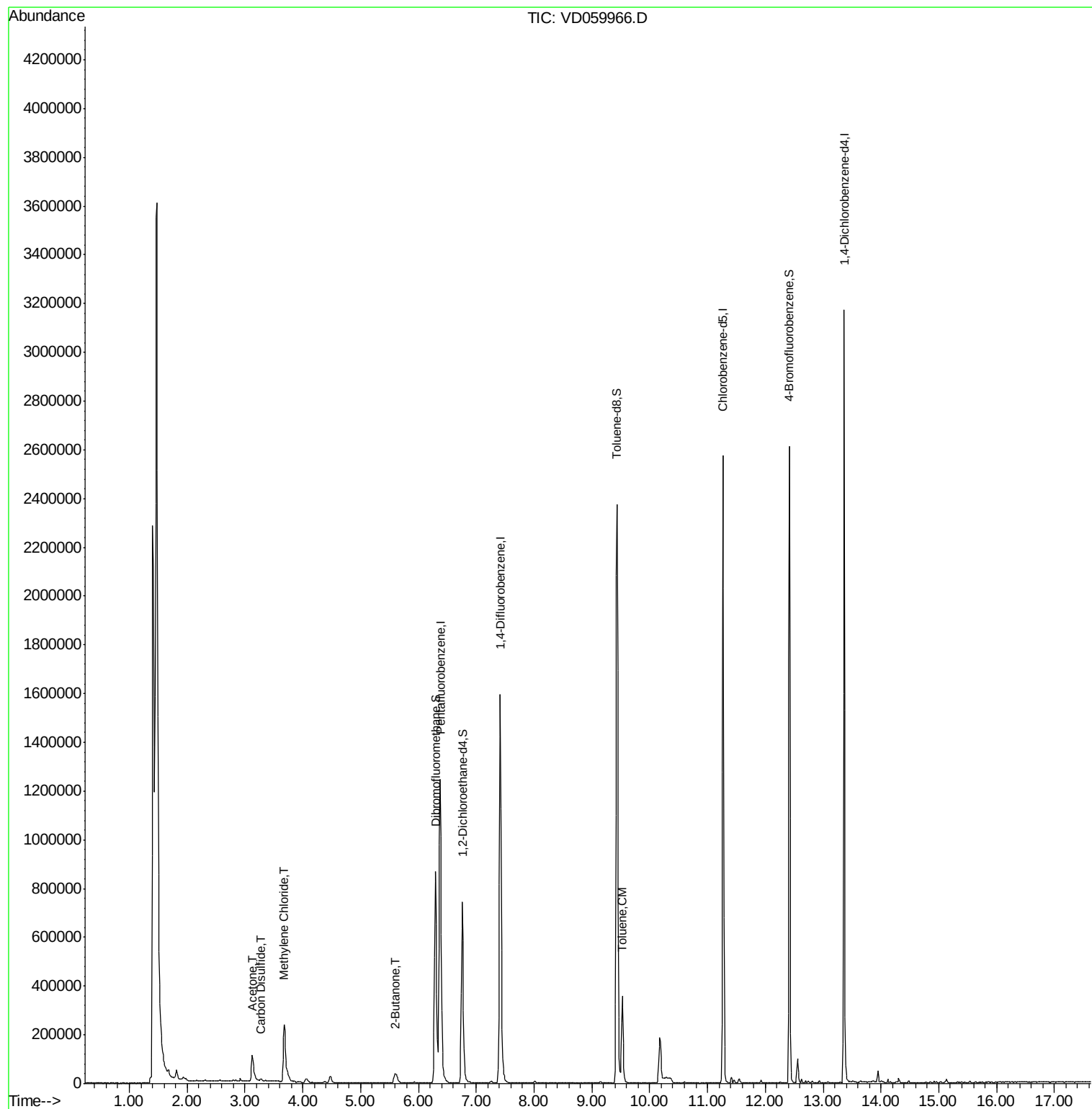
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1152217	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1620791	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1364082	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	709260	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	572128	58.91	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	117.82%	
35) Dibromofluoromethane	6.30	113	689864	54.29	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	108.58%	
50) Toluene-d8	9.44	98	1920429	54.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	108.92%	
62) 4-Bromofluorobenzene	12.42	95	714712	49.90	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.80%	
Target Compounds						
16) Acetone	3.13	43	224829	127.07	ug/l	99
17) Carbon Disulfide	3.29	76	14179	1.13	ug/l	99
20) Methylene Chloride	3.68	84	140612	8.84	ug/l	98
25) 2-Butanone	5.59	43	70928	13.54	ug/l	99
52) Toluene	9.52	92	176862	7.22	ug/l	94

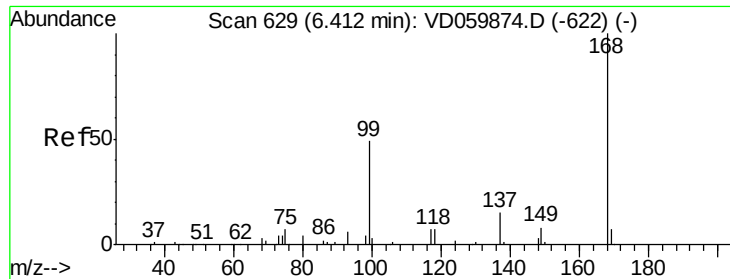
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090518\
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Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.04 min

Lab File: VD059966.D

Acq: 5 Sep 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

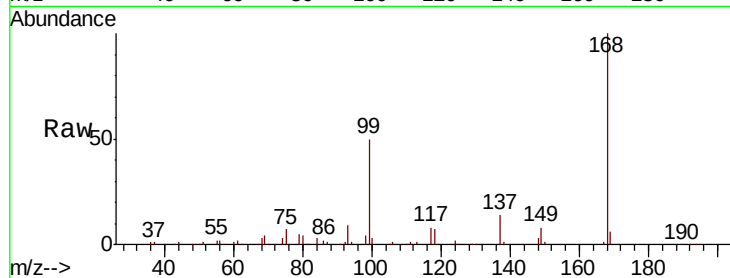
AOC2-02-C

Tot Ion:168 Resp: 1152217

Ion Ratio Lower Upper

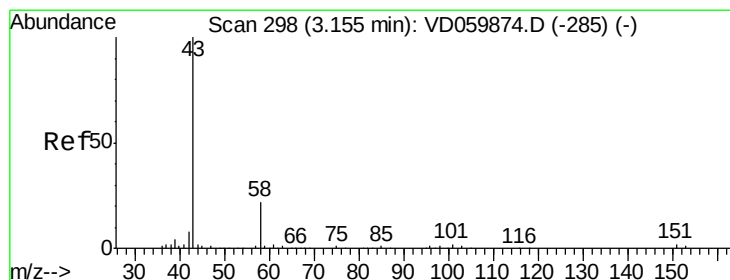
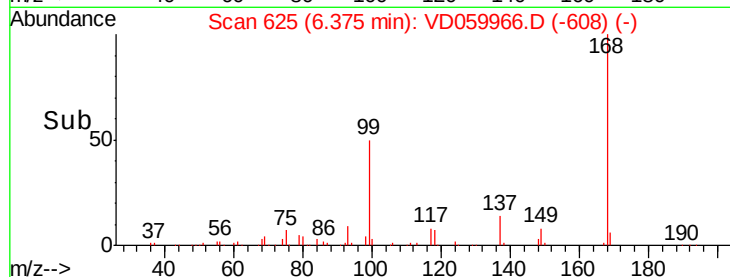
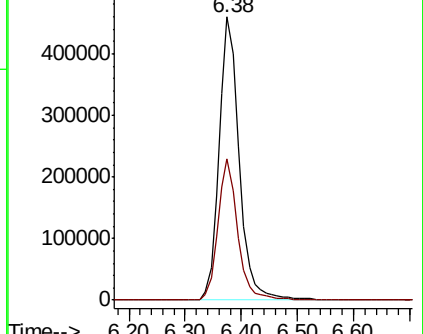
168 100

99 50.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 127.07 ug/l

RT: 3.13 min Scan# 295

Delta R.T. -0.03 min

Lab File: VD059966.D

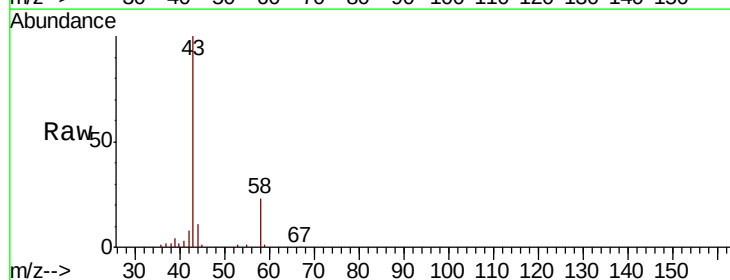
Acq: 5 Sep 2018 13:45

Tgt Ion: 43 Resp: 224829

Ion Ratio Lower Upper

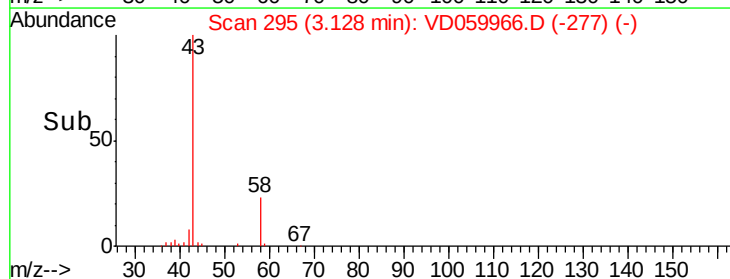
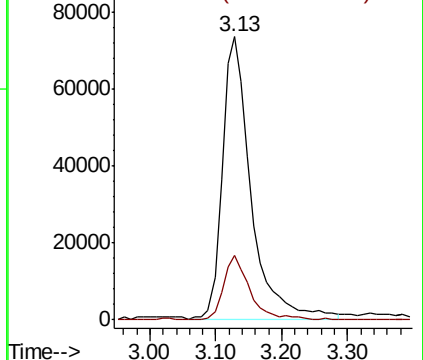
43 100

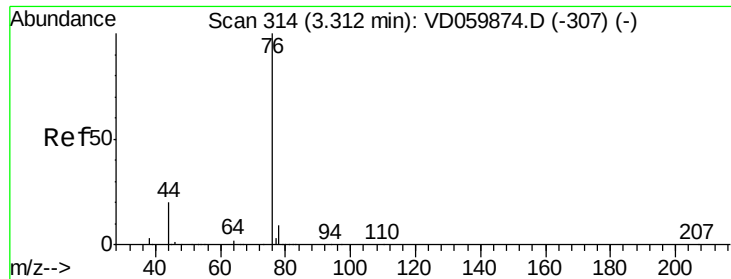
58 22.7 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.13 ug/l

RT: 3.29 min Scan# 311

Delta R.T. -0.03 min

Lab File: VD059966.D

Acq: 5 Sep 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

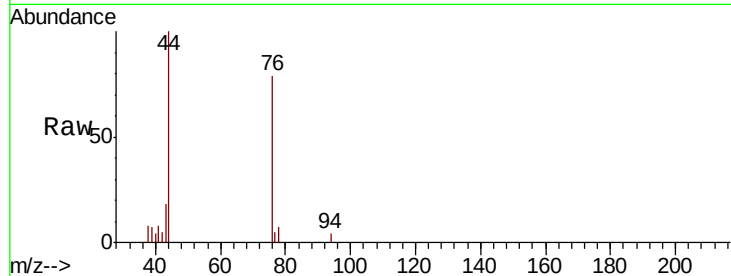
AOC2-02-C

Tot Ion: 76 Resp: 14179

Ion Ratio Lower Upper

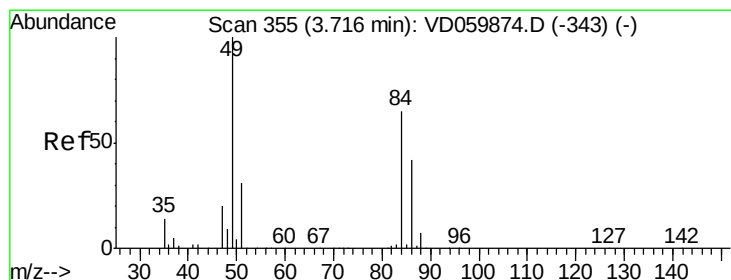
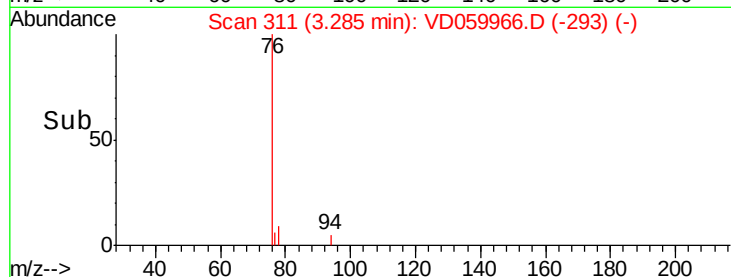
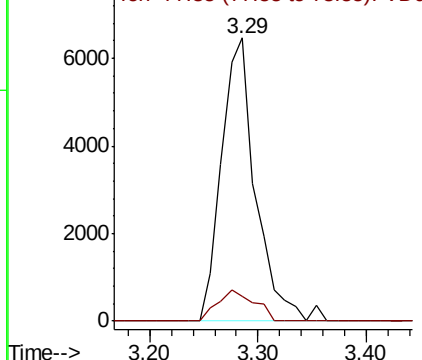
76 100

78 8.8 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 8.84 ug/l

RT: 3.68 min Scan# 351

Delta R.T. -0.04 min

Lab File: VD059966.D

Acq: 5 Sep 2018 13:45

Tgt Ion: 84 Resp: 140612

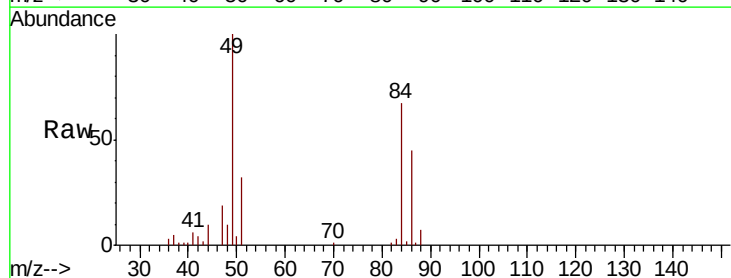
Ion Ratio Lower Upper

84 100

49 150.1 122.6 183.8

51 48.5 38.4 57.6

86 66.8 51.5 77.3

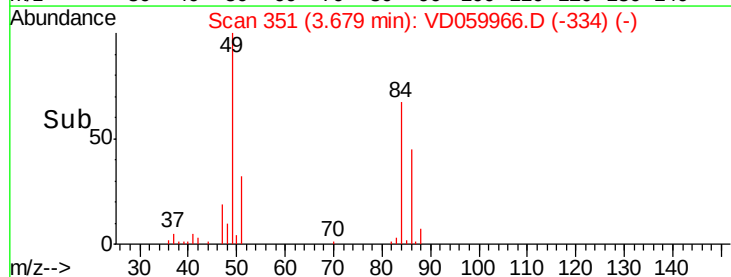
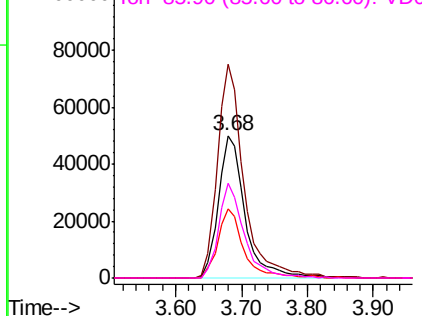


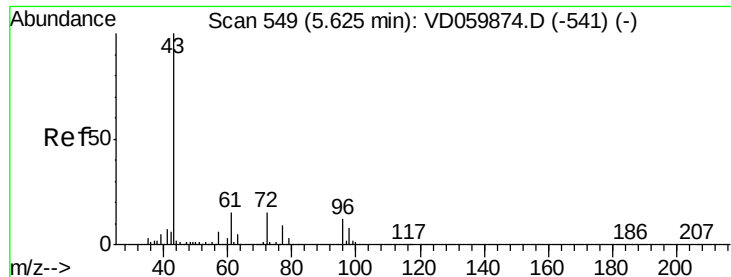
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#25

2-Butanone

Concen: 13.54 ug/l

RT: 5.59 min Scan# 545

Delta R.T. -0.04 min

Lab File: VD059966.D

Acq: 5 Sep 2018 13:45

Instrument :

MSVOA_D

ClientSampleID :

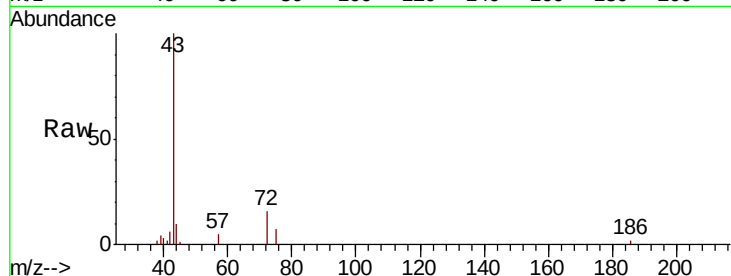
AOC2-02-C

Tot Ion: 43 Resp: 70928

Ion Ratio Lower Upper

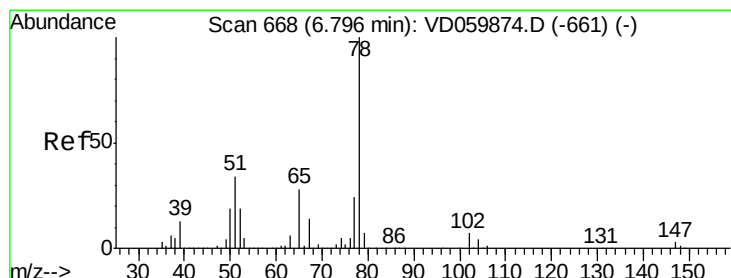
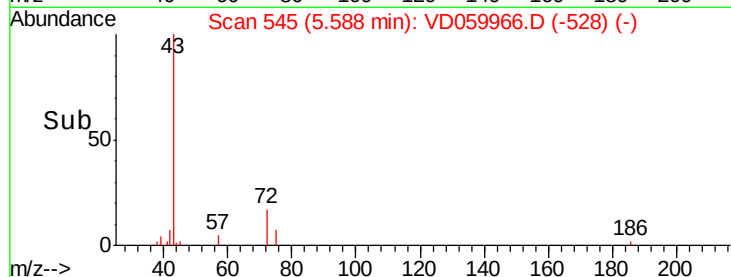
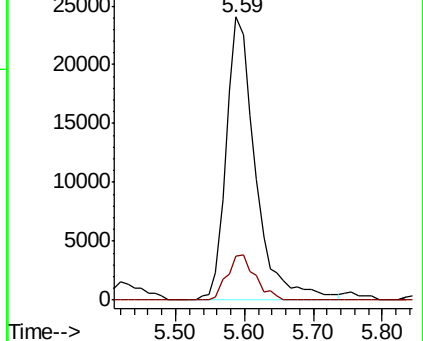
43 100

72 15.8 12.3 18.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 664

Delta R.T. -0.04 min

Lab File: VD059966.D

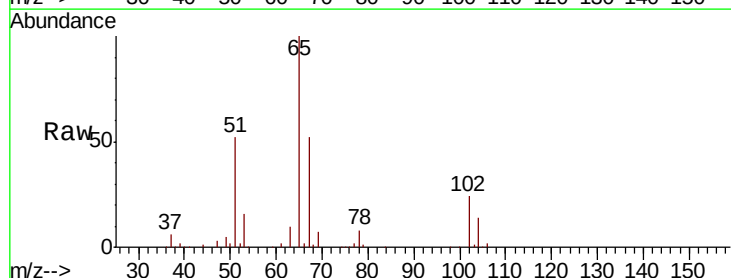
Acq: 5 Sep 2018 13:45

Tgt Ion: 65 Resp: 572128

Ion Ratio Lower Upper

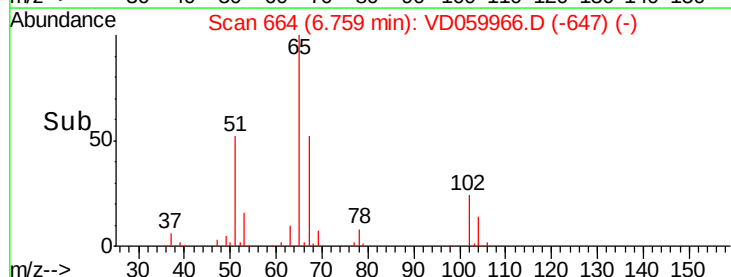
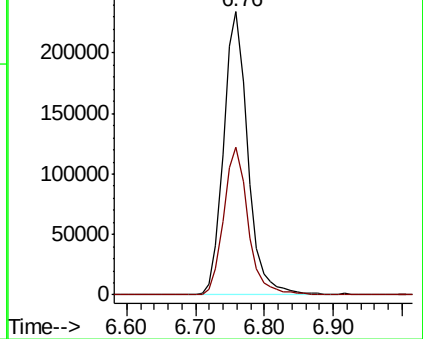
65 100

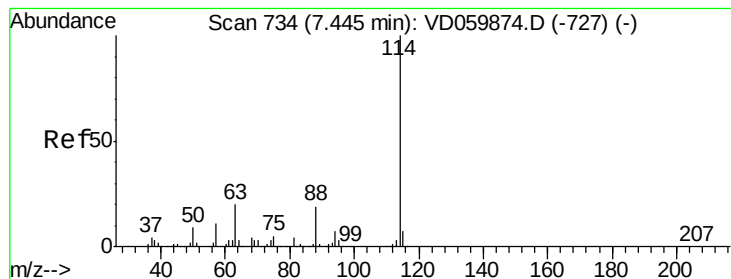
67 52.3 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 731

Delta R.T. -0.03 min

Lab File: VD059966.D

Acq: 5 Sep 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

AOC2-02-C

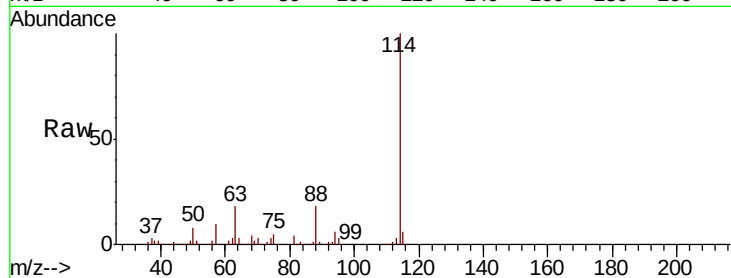
Tot Ion:114 Resp: 1620791

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.4

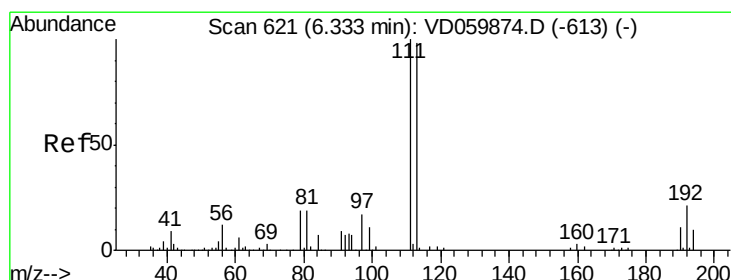
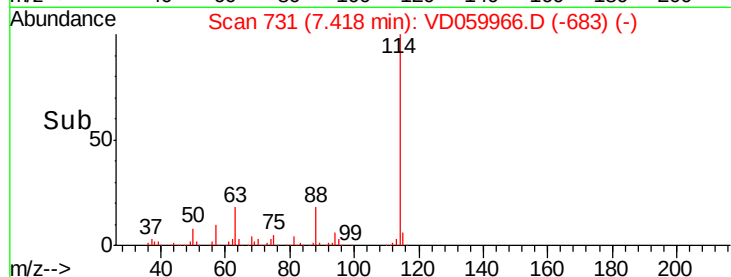
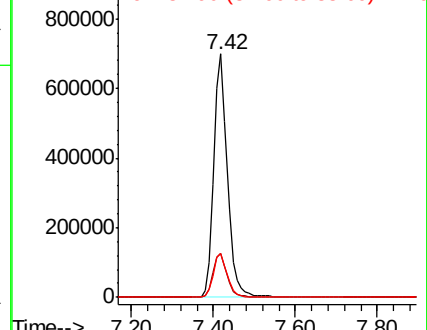
88 18.3 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.04 min

Lab File: VD059966.D

Acq: 5 Sep 2018 13:45

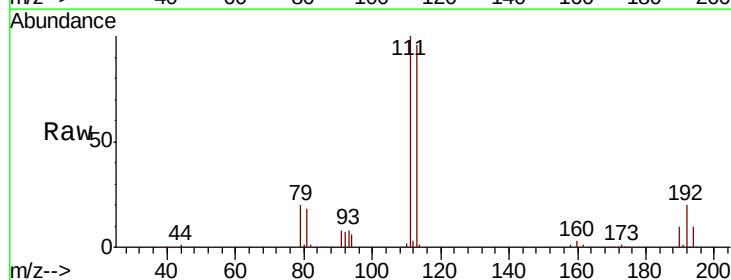
Tgt Ion:113 Resp: 689864

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.2

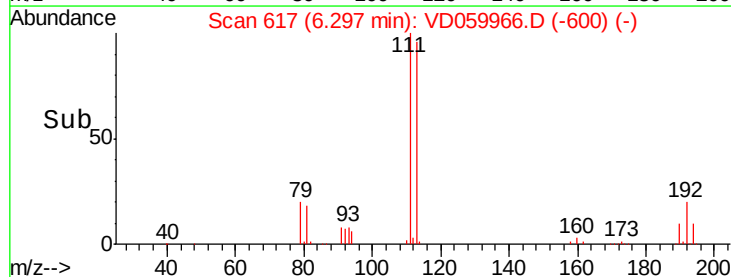
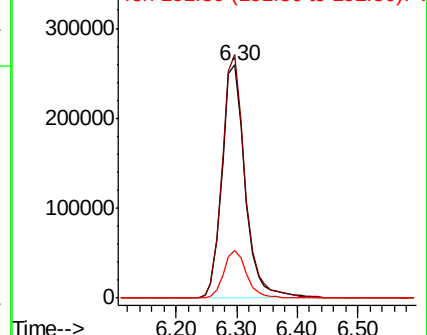
192 20.4 17.0 25.6

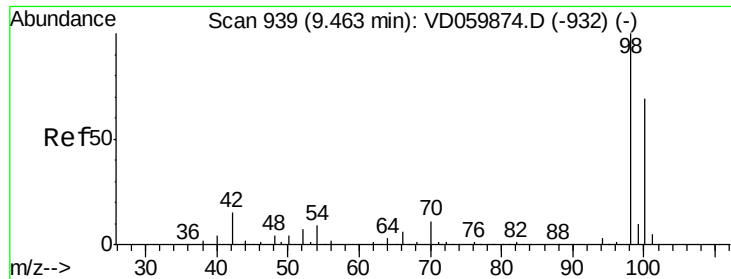


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

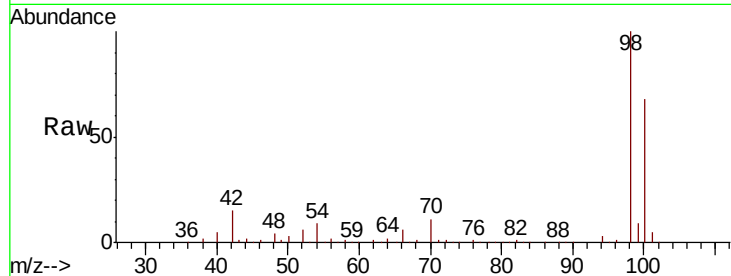




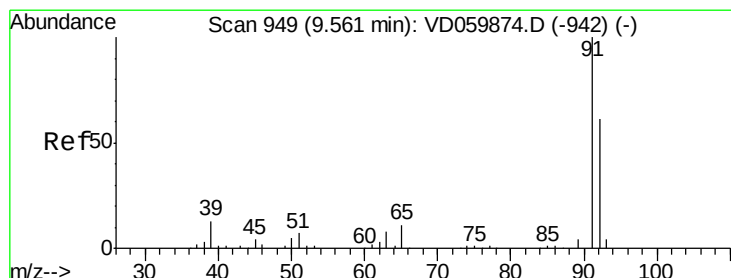
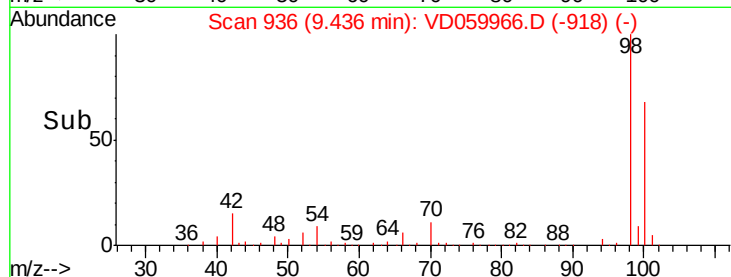
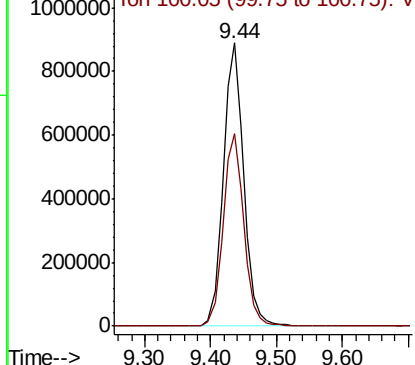
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 936
Delta R.T. -0.03 min
Lab File: VD059966.D
Acq: 5 Sep 2018 13:45

Instrument :
MSVOA_D
ClientSampleId :
AOC2-02-C

Tot Ion: 98 Resp: 1920429
Ion Ratio Lower Upper
98 100
100 68.1 55.8 83.6

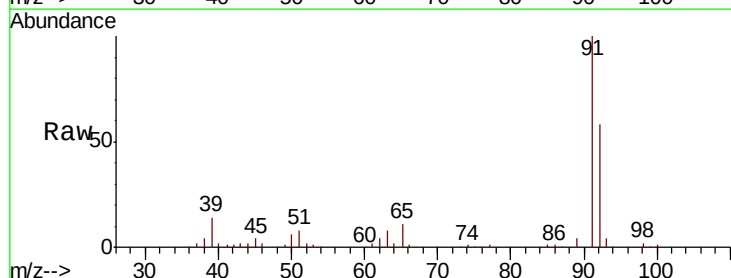


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

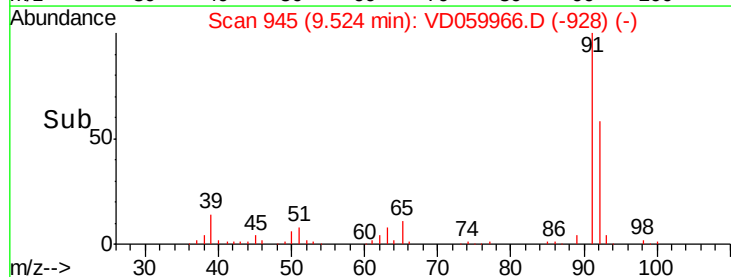
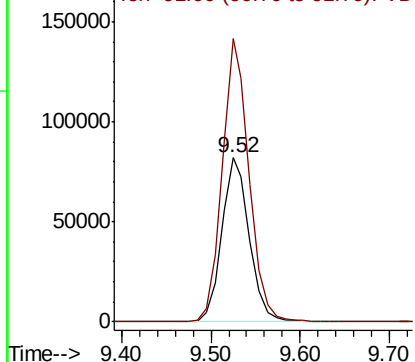


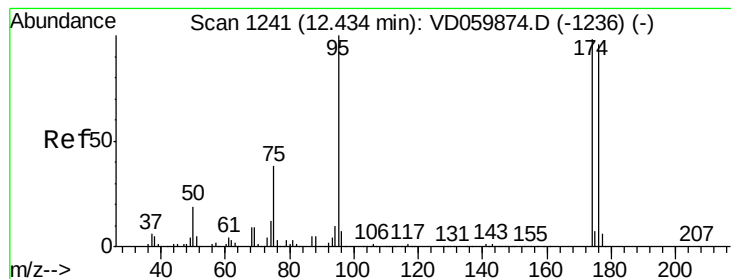
#52
Toluene
Concen: 7.22 ug/l
RT: 9.52 min Scan# 945
Delta R.T. -0.04 min
Lab File: VD059966.D
Acq: 5 Sep 2018 13:45

Tgt Ion: 92 Resp: 176862
Ion Ratio Lower Upper
92 100
91 172.3 131.4 197.2



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059966.D

Acq: 5 Sep 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

AOC2-02-C

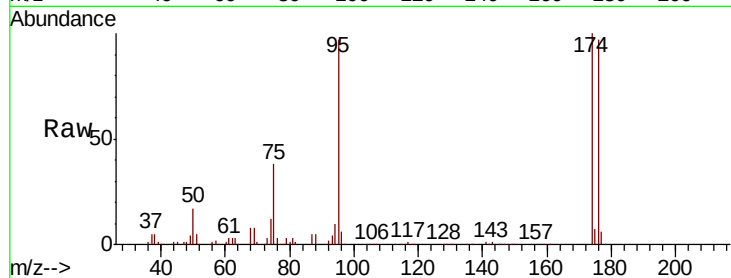
Tot Ion: 95 Resp: 714712

Ion Ratio Lower Upper

95 100

174 102.9 0.0 195.6

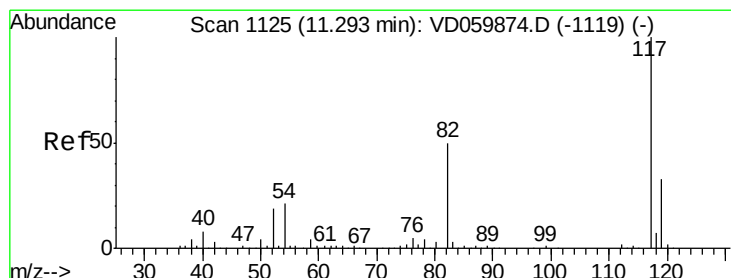
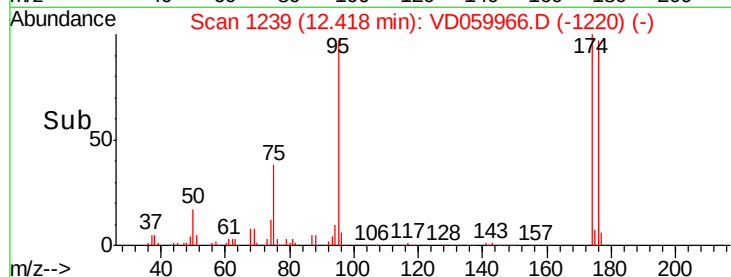
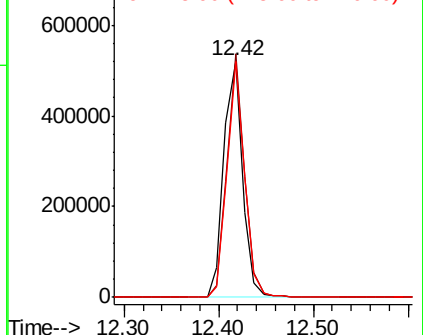
176 99.9 0.0 191.2



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. -0.03 min

Lab File: VD059966.D

Acq: 5 Sep 2018 13:45

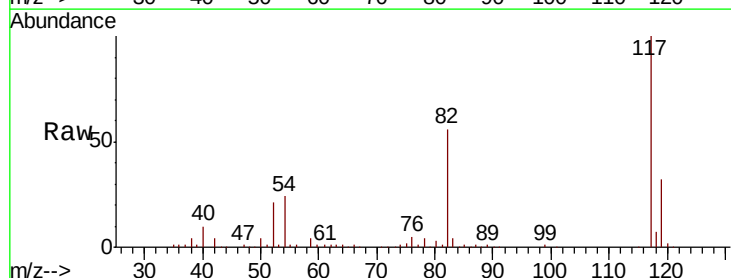
Tgt Ion: 117 Resp: 1364082

Ion Ratio Lower Upper

117 100

82 56.4 40.1 60.1

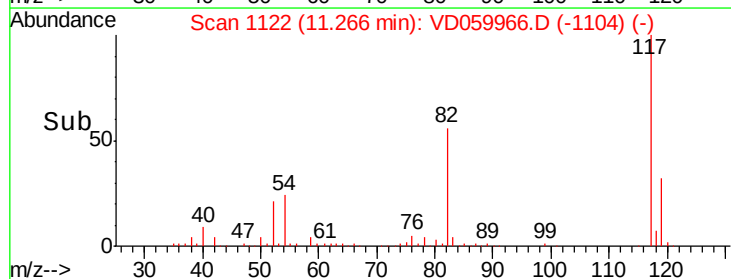
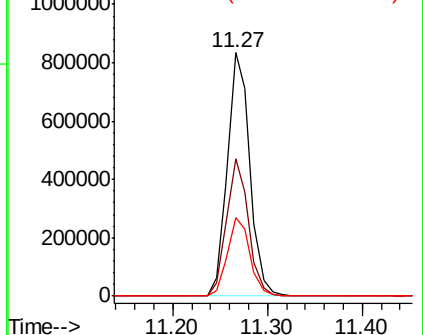
119 32.0 26.7 40.1

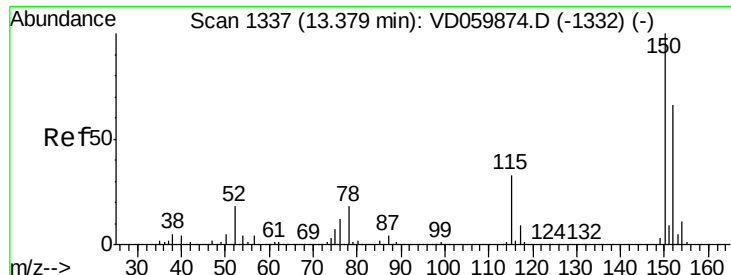


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.02 min

Lab File: VD059966.D

Acq: 5 Sep 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

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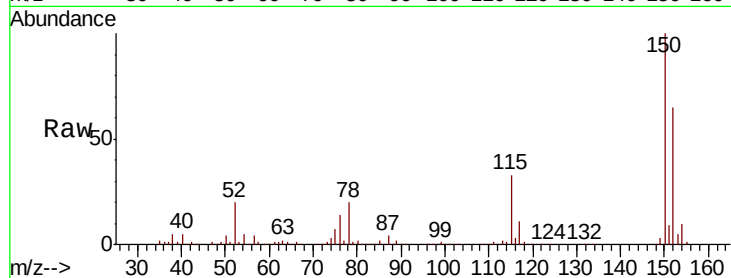
Tot Ion:152 Resp: 709260

Ion Ratio Lower Upper

152 100

115 50.9 25.7 77.0

150 152.9 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

