

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059971.D
 Acq On : 5 Sep 2018 16:07
 Operator : JC/SY
 Sample : J4741-12
 Misc : 5.28g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC10-02-D

Quant Time: Sep 05 16:53:10 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	1093224	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1535116	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1290732	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	683240	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	554703	60.20	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	120.40%	
35) Dibromofluoromethane	6.29	113	658583	54.72	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	109.44%	
50) Toluene-d8	9.43	98	1861264	55.72	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	111.44%	
62) 4-Bromofluorobenzene	12.41	95	713217	52.57	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	105.14%	

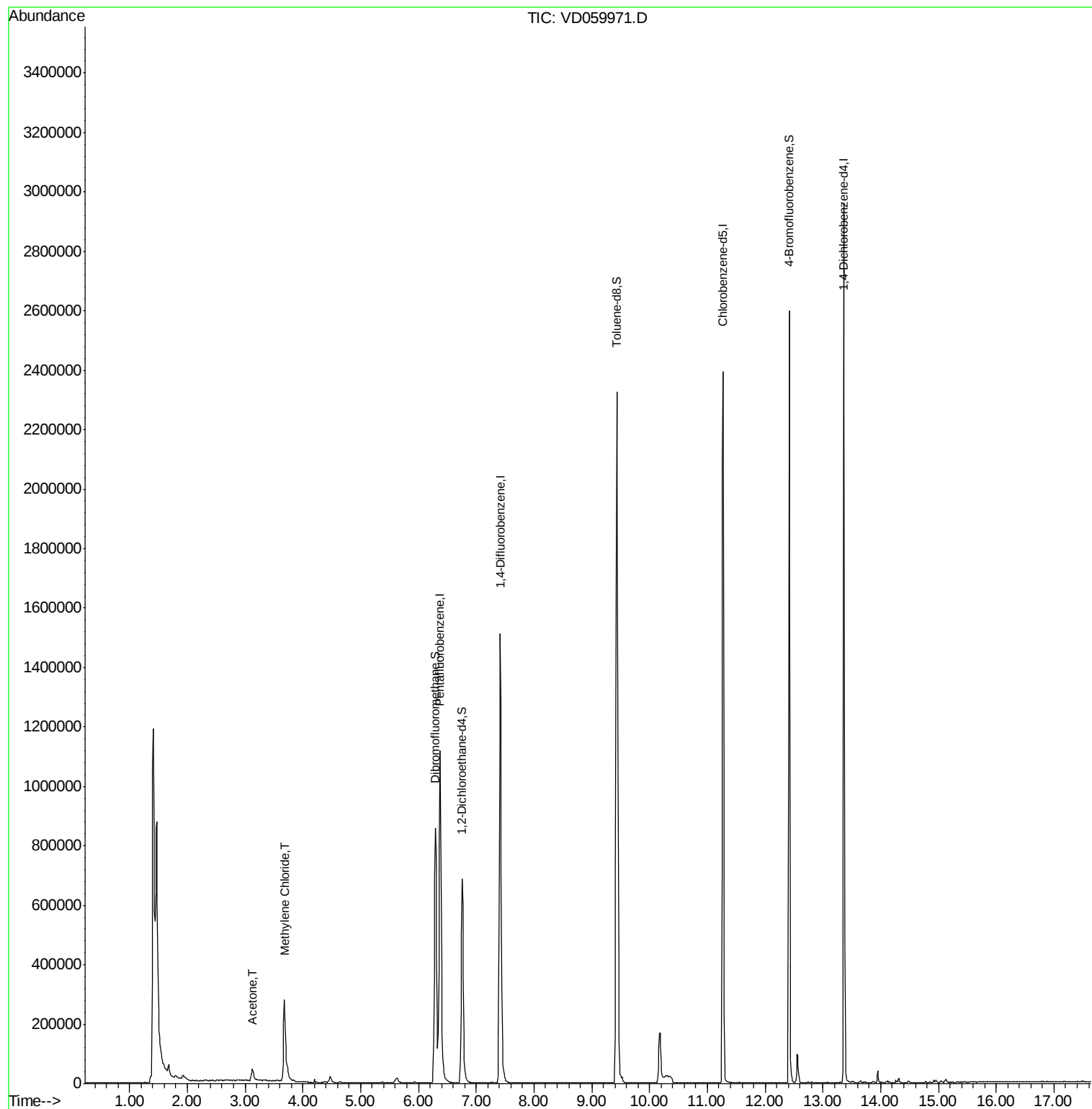
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.12	43	78752	46.91	ug/l	97
20) Methylene Chloride	3.68	84	161938	11.59	ug/l	97

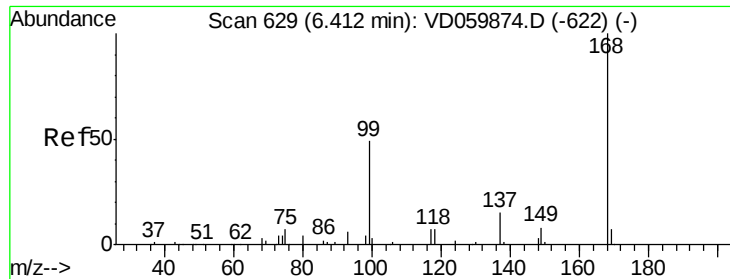
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090518\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD059971.D

Acq: 5 Sep 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

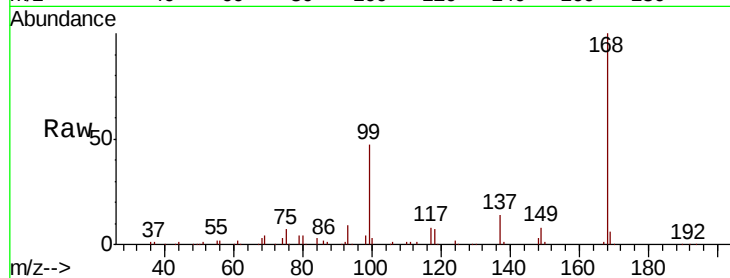
AOC10-02-D

Tot Ion:168 Resp: 1093224

Ion Ratio Lower Upper

168 100

99 47.2 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

400000

300000

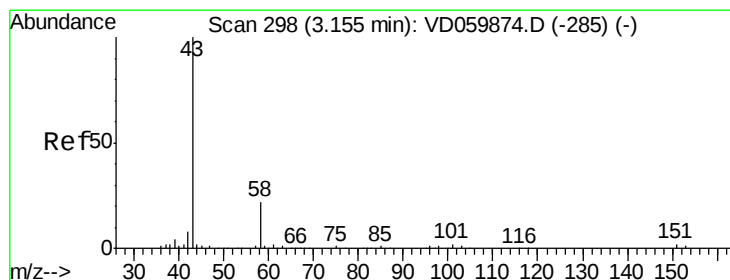
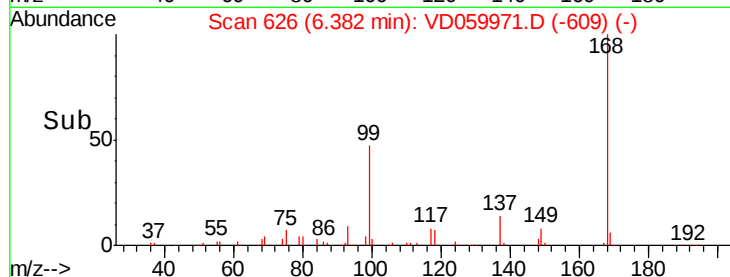
200000

100000

0

Time-->

6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 46.91 ug/l

RT: 3.12 min Scan# 295

Delta R.T. -0.03 min

Lab File: VD059971.D

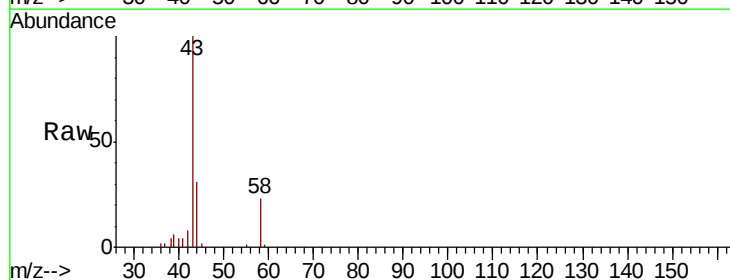
Acq: 5 Sep 2018 16:07

Tgt Ion: 43 Resp: 78752

Ion Ratio Lower Upper

43 100

58 23.5 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

30000

25000

20000

15000

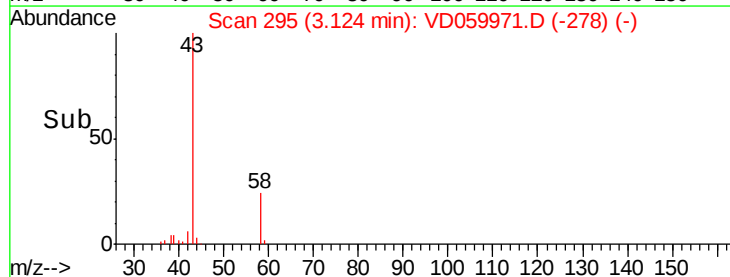
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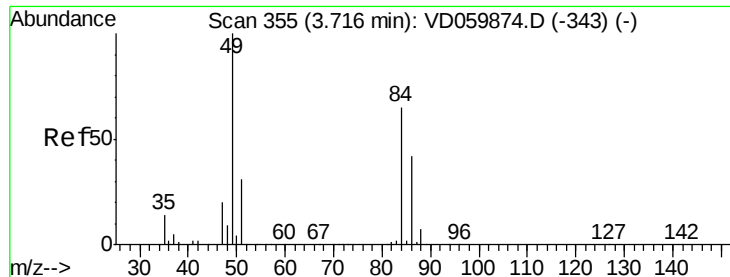
5000

0

Time-->

3.00 3.10 3.20

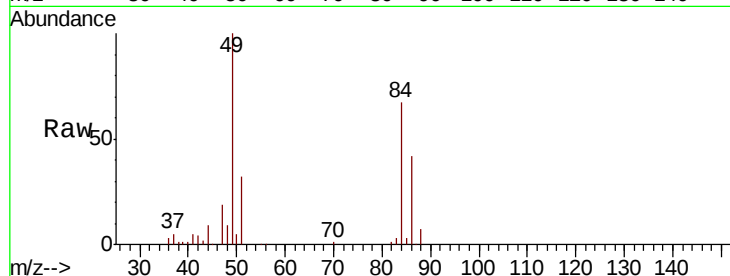




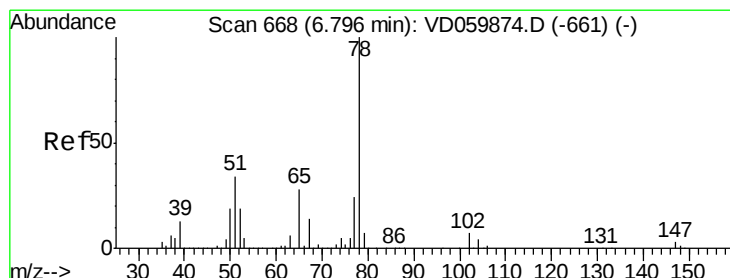
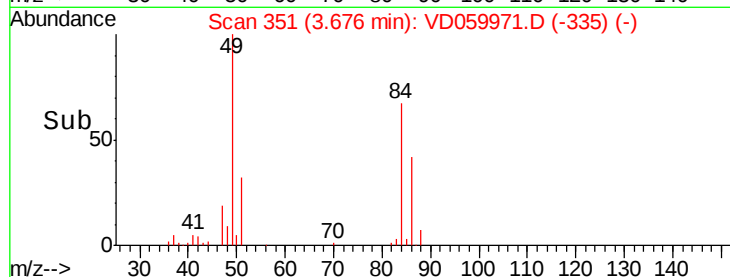
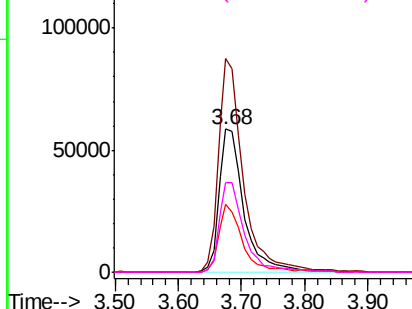
#20
Methylene Chloride
Concen: 11.59 ug/l
RT: 3.68 min Scan# 351
Delta R.T. -0.04 min
Lab File: VD059971.D
Acq: 5 Sep 2018 16:07

Instrument :
MSVOA_D
ClientSampleId :
AOC10-02-D

Tot Ion: 84 Resp: 161938
Ion Ratio Lower Upper
84 100
49 149.3 122.6 183.8
51 47.1 38.4 57.6
86 62.4 51.5 77.3

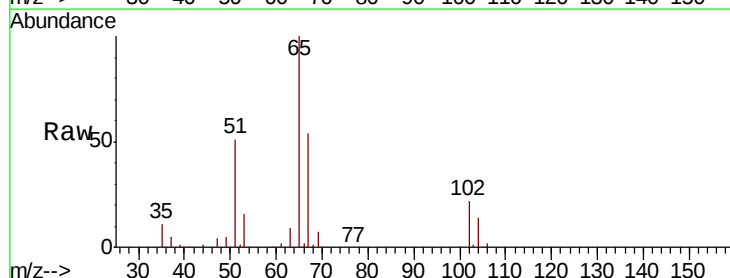


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

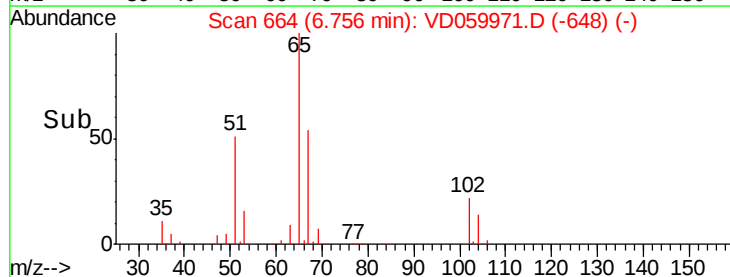
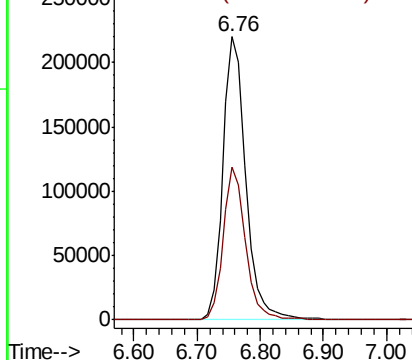


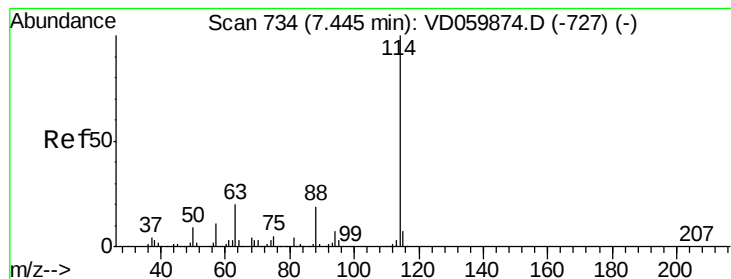
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.04 min
Lab File: VD059971.D
Acq: 5 Sep 2018 16:07

Tgt Ion: 65 Resp: 554703
Ion Ratio Lower Upper
65 100
67 53.9 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: VD059971.D

Acq: 5 Sep 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

AOC10-02-D

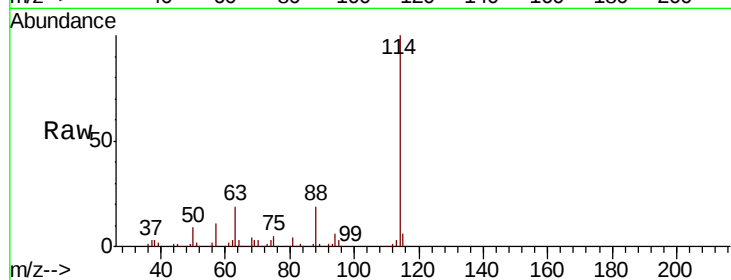
Tot Ion:114 Resp: 1535116

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.4

88 18.9 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

800000

600000

400000

200000

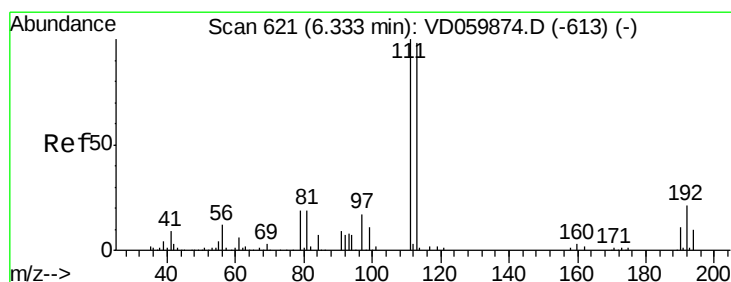
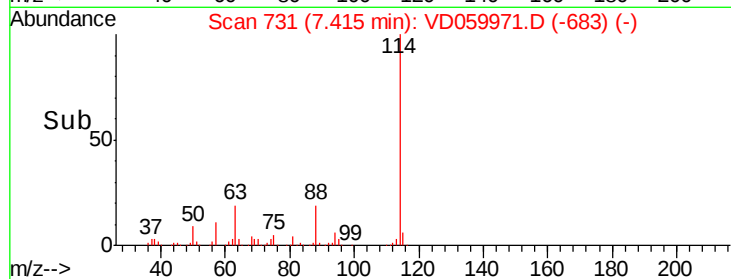
0

7.42

7.40

7.60

Time-->



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.29 min Scan# 617

Delta R.T. -0.04 min

Lab File: VD059971.D

Acq: 5 Sep 2018 16:07

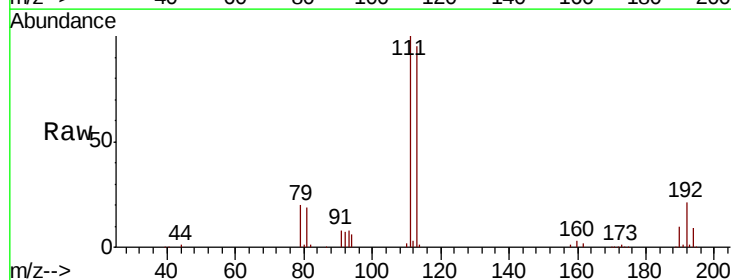
Tgt Ion:113 Resp: 658583

Ion Ratio Lower Upper

113 100

111 105.6 81.4 122.2

192 21.8 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

300000

200000

100000

0

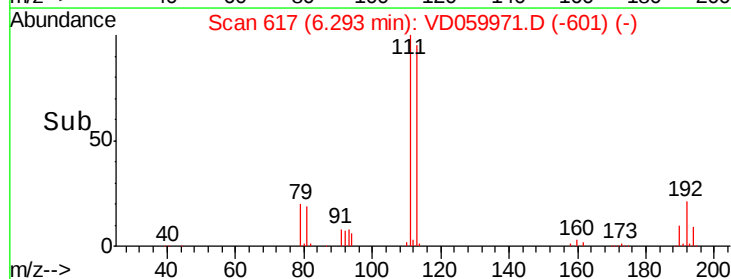
6.29

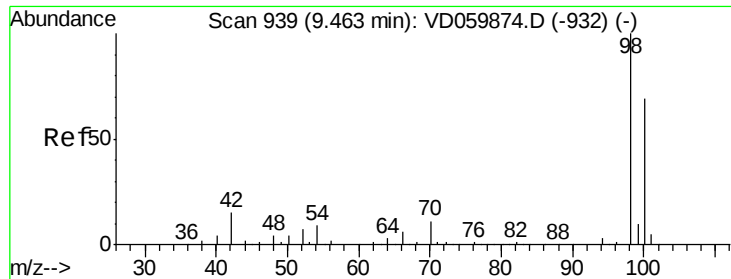
6.20

6.40

6.50

Time-->

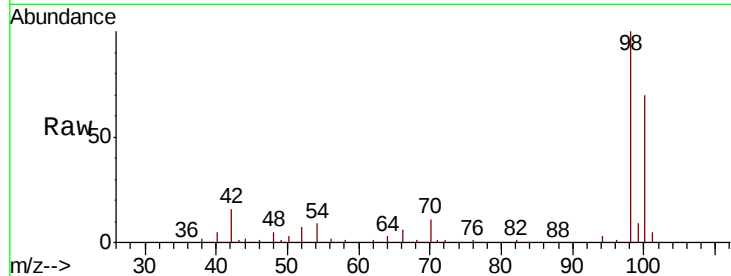




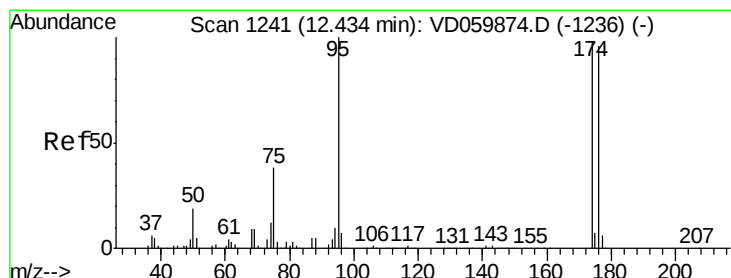
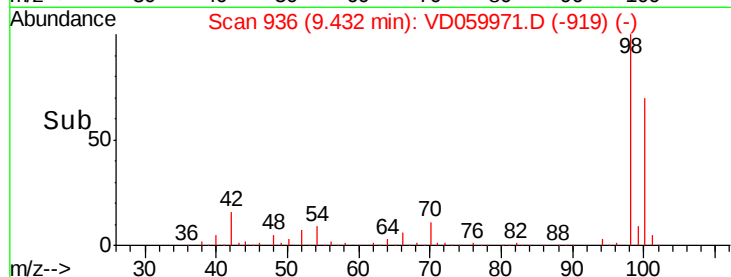
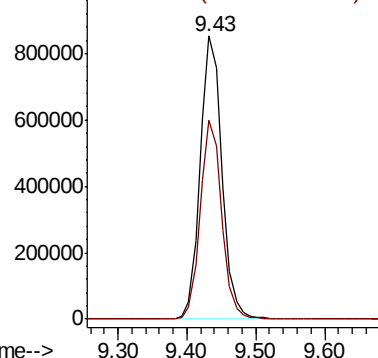
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 936
Delta R.T. -0.03 min
Lab File: VD059971.D
Acq: 5 Sep 2018 16:07

Instrument :
MSVOA_D
ClientSampleId :
AOC10-02-D

Tot Ion: 98 Resp: 1861264
Ion Ratio Lower Upper
98 100
100 70.1 55.8 83.6

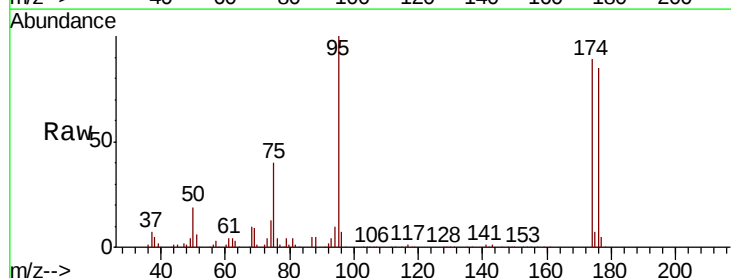


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

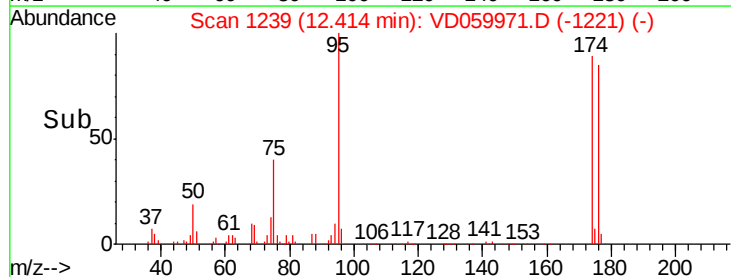
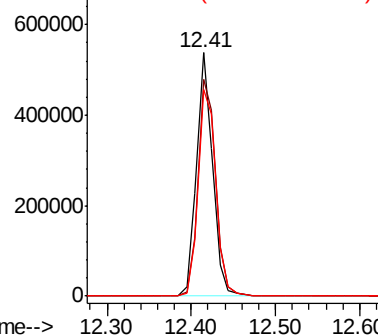


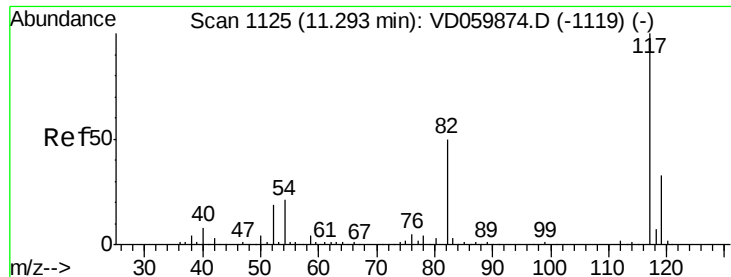
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059971.D
Acq: 5 Sep 2018 16:07

Tgt Ion: 95 Resp: 713217
Ion Ratio Lower Upper
95 100
174 89.1 0.0 195.6
176 85.0 0.0 191.2



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: 50.00 ug/l

RT: 11.27 min Scan# 1123

Delta R.T. -0.02 min

Lab File: VD059971.D

Acq: 5 Sep 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

AOC10-02-D

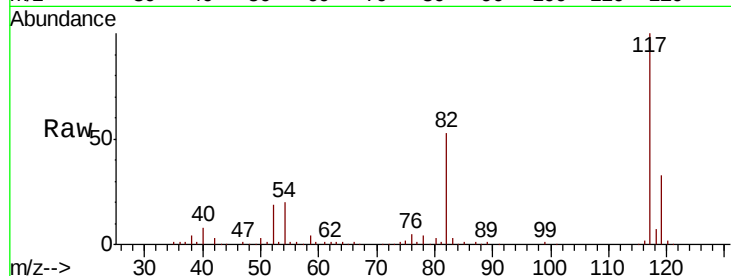
Tot Ion:117 Resp: 1290732

Ion Ratio Lower Upper

117 100

82 52.8 40.1 60.1

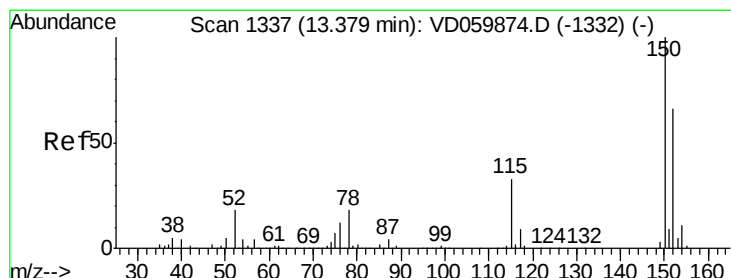
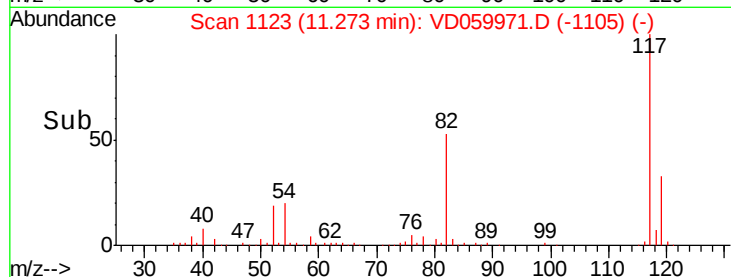
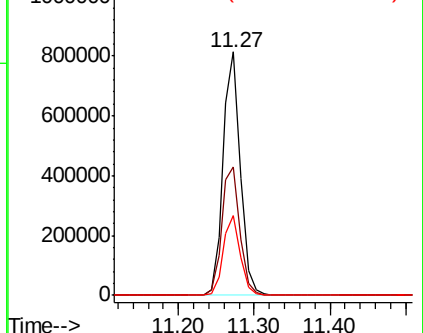
119 32.7 26.7 40.1



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: VD059971.D

Acq: 5 Sep 2018 16:07

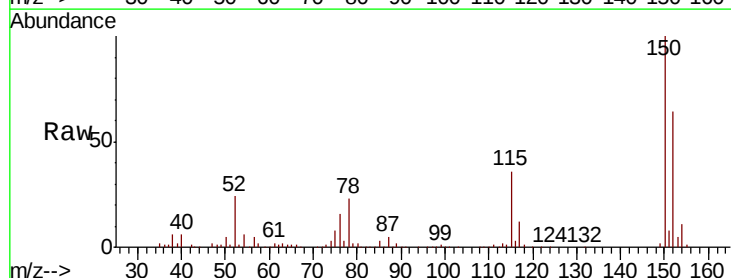
Tgt Ion:152 Resp: 683240

Ion Ratio Lower Upper

152 100

115 56.1 25.7 77.0

150 156.2 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

