

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005434.D
 Acq On : 17 Sep 2018 15:29
 Operator : SY/AP
 Sample : J4773-09
 Misc : 6.22G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-091418-E

Quant Time: Sep 18 01:51:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

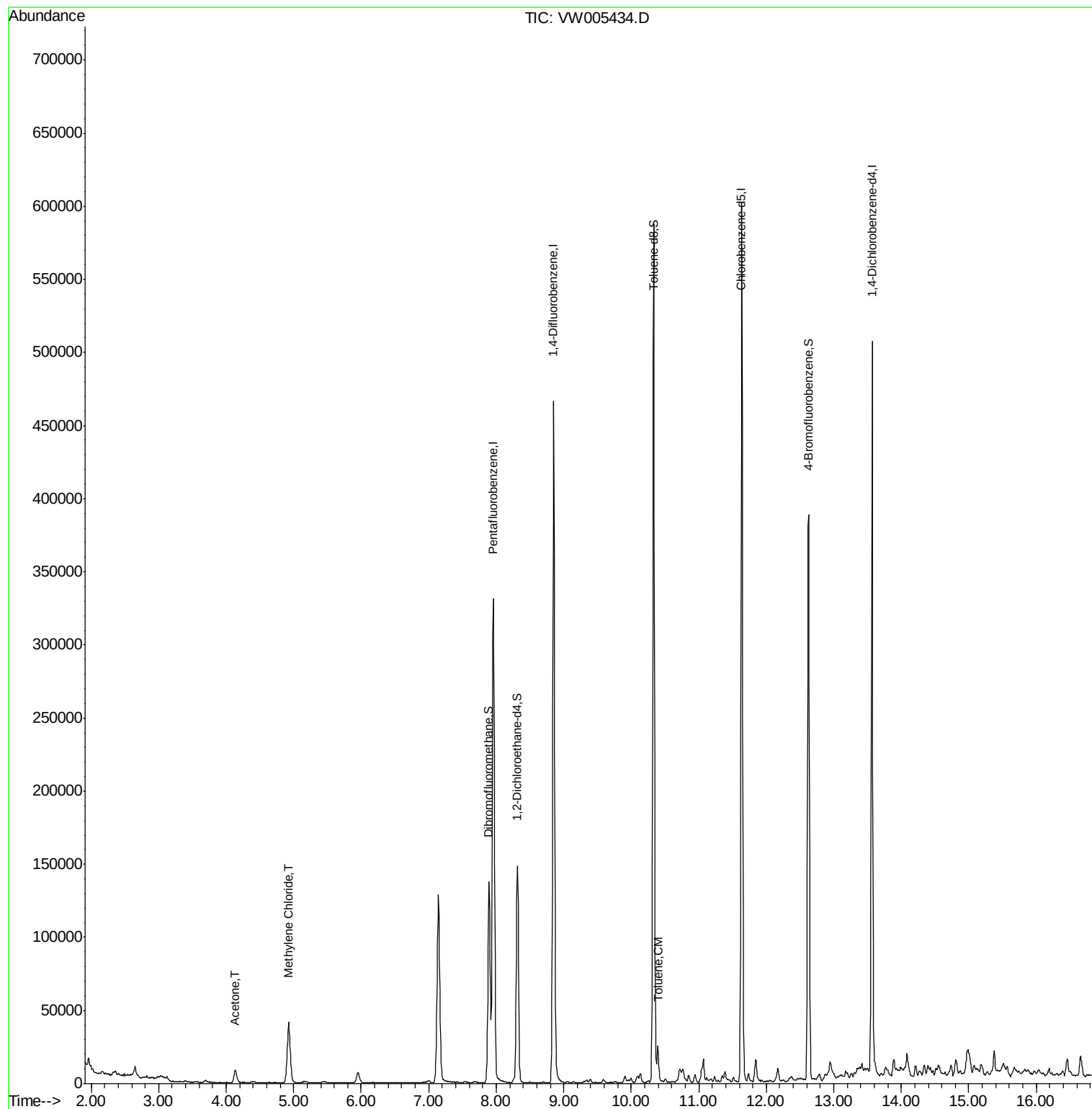
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	253833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	394127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	339681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	127168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122234	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
35) Dibromofluoromethane	7.89	113	99805	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
50) Toluene-d8	10.33	98	398243	39.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.70%	
62) 4-Bromofluorobenzene	12.63	95	124335	33.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.02%	
Target Compounds						
16) Acetone	4.14	43	16236	26.76	ug/l	98
20) Methylene Chloride	4.92	84	29806	6.40	ug/l	97
52) Toluene	10.40	92	8823	1.21	ug/l	97

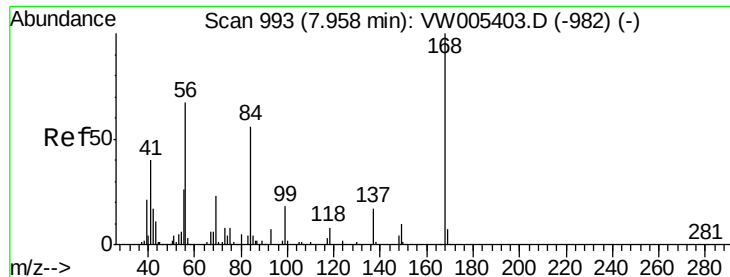
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005434.D

Acq: 17 Sep 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

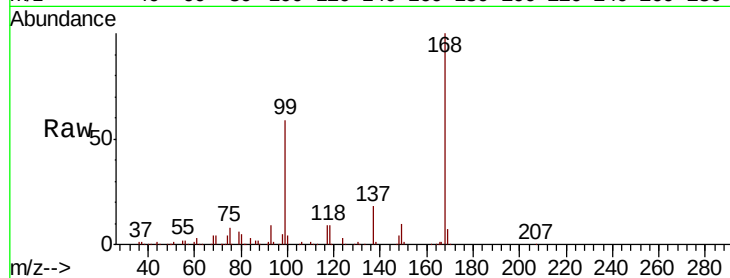
CL-01-091418-E

Tot Ion:168 Resp: 253833

Ion Ratio Lower Upper

168 100

99 59.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

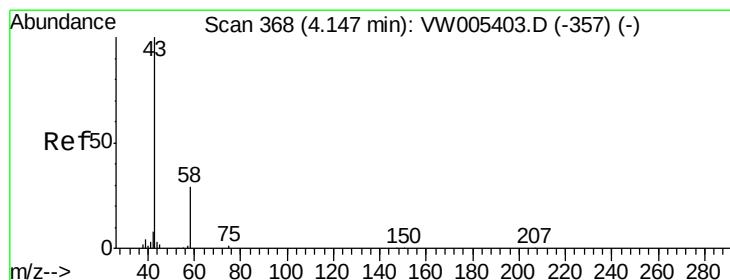
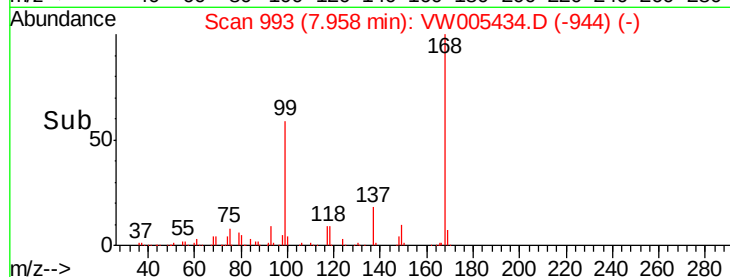
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 26.76 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005434.D

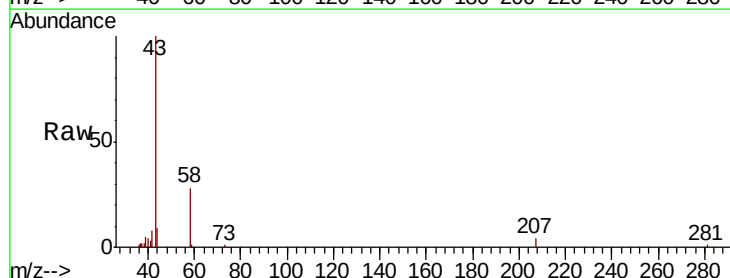
Acq: 17 Sep 2018 15:29

Tgt Ion: 43 Resp: 16236

Ion Ratio Lower Upper

43 100

58 27.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

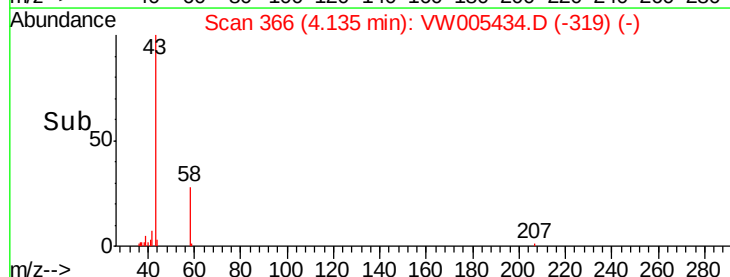
3000

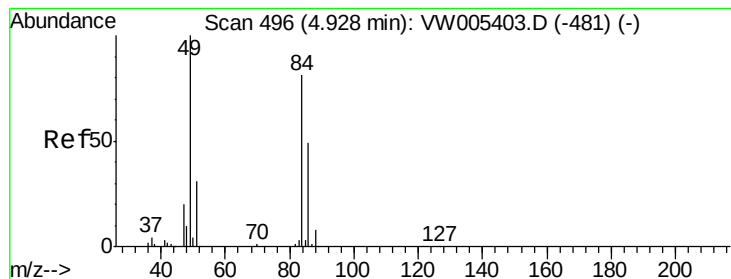
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 6.40 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005434.D

Acq: 17 Sep 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

CL-01-091418-E

Tot Ion: 84 Resp: 29806

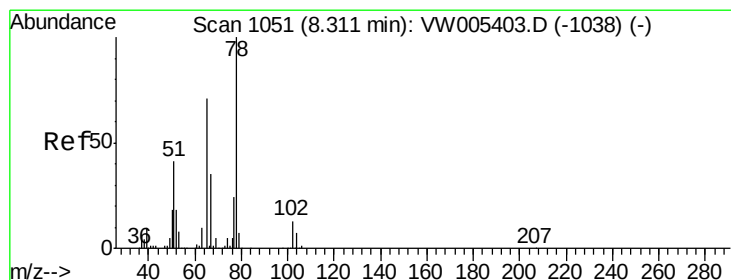
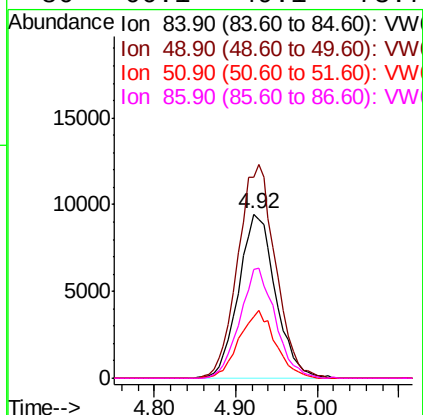
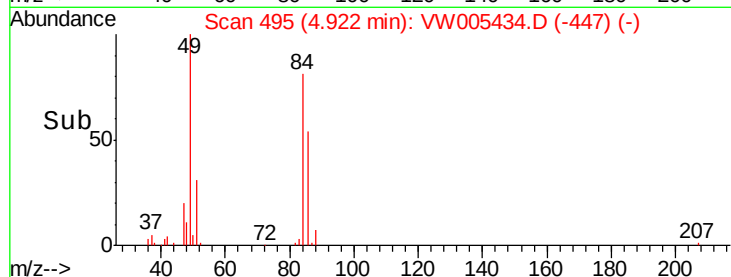
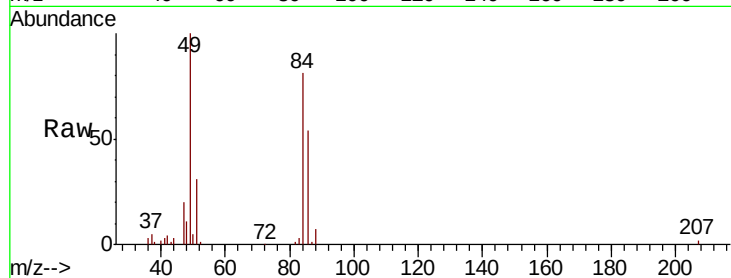
Ion Ratio Lower Upper

84 100

49 122.9 99.3 148.9

51 37.9 31.1 46.7

86 66.1 49.1 73.7



#33

1,2-Dichloroethane-d4

Concen: 46.39 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005434.D

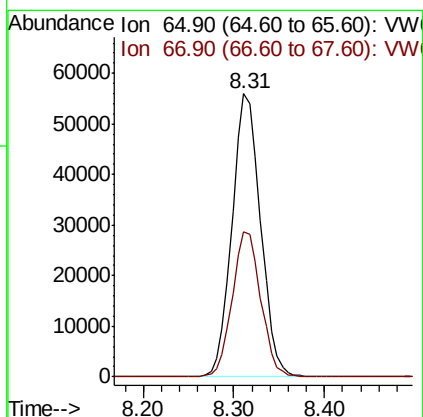
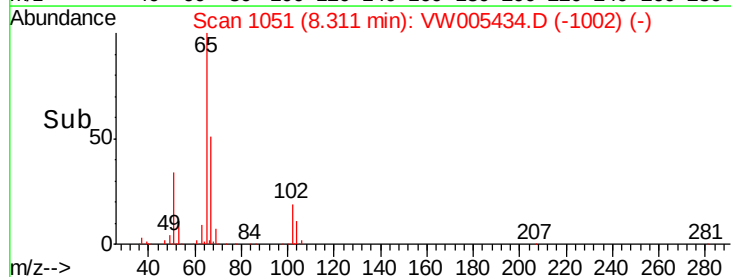
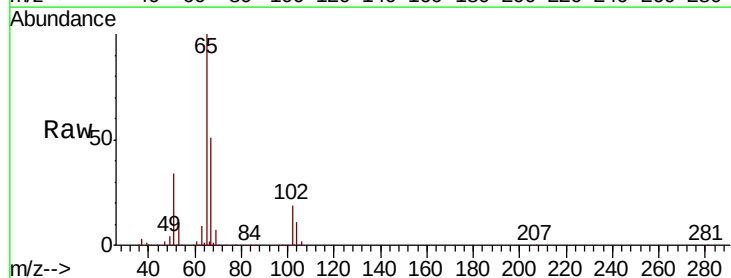
Acq: 17 Sep 2018 15:29

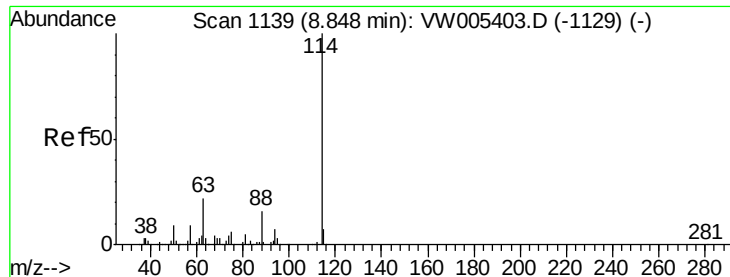
Tgt Ion: 65 Resp: 122234

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005434.D

Acq: 17 Sep 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

CL-01-091418-E

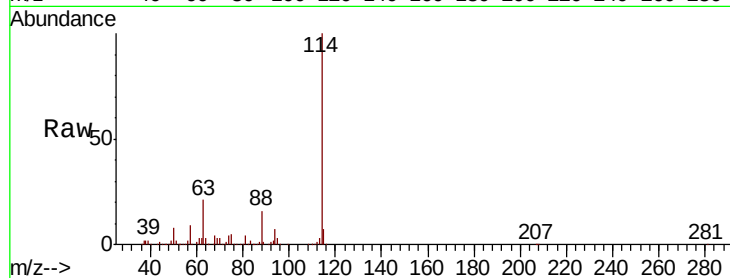
Tot Ion:114 Resp: 394127

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.4

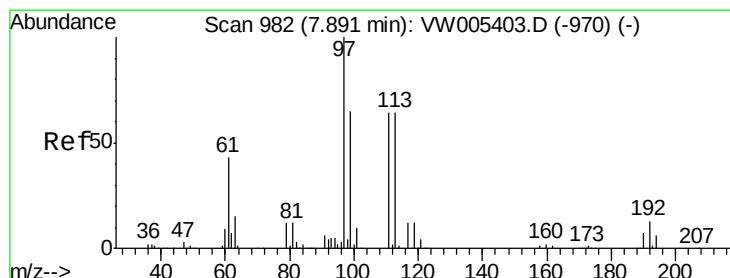
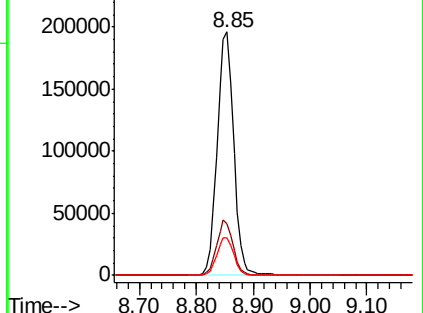
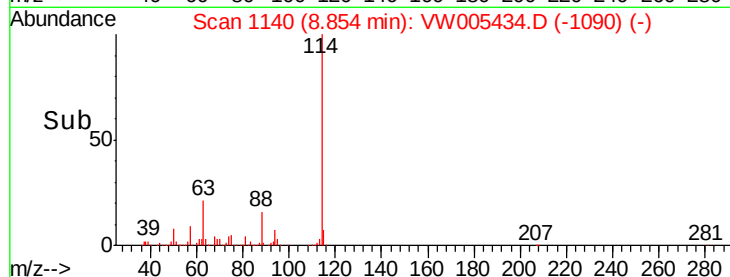
88 15.6 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 45.16 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005434.D

Acq: 17 Sep 2018 15:29

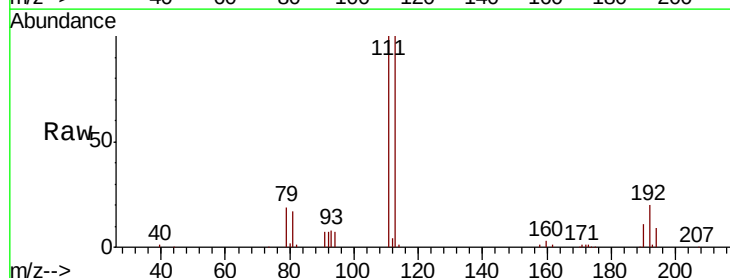
Tgt Ion:113 Resp: 99805

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

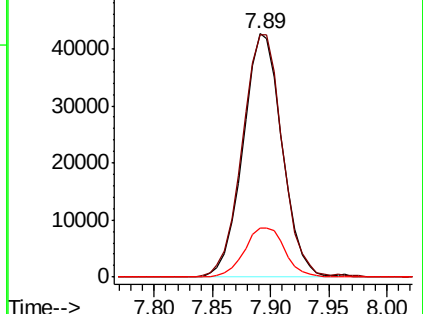
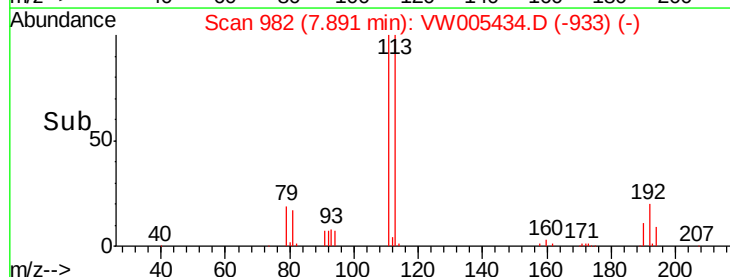
192 21.1 16.5 24.7

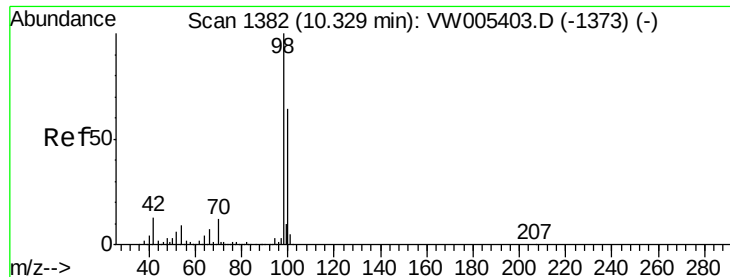


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.35 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005434.D

Acq: 17 Sep 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

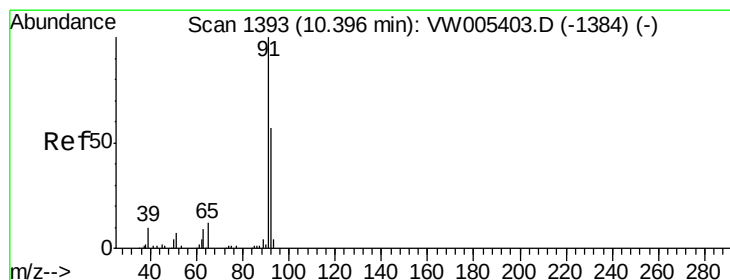
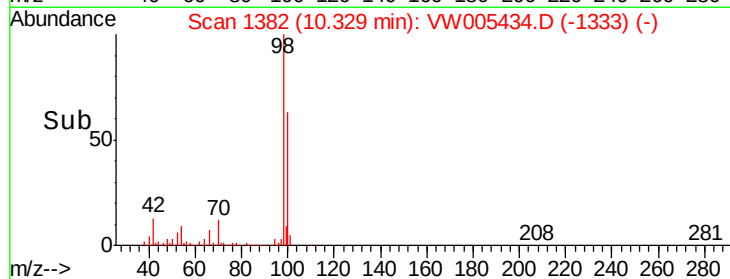
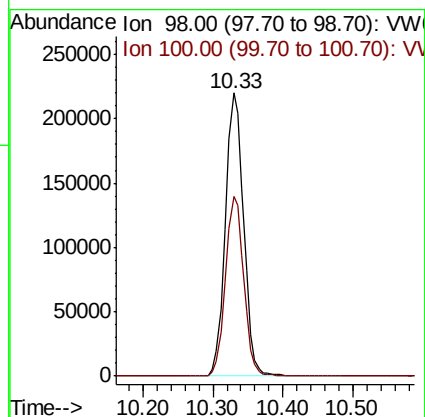
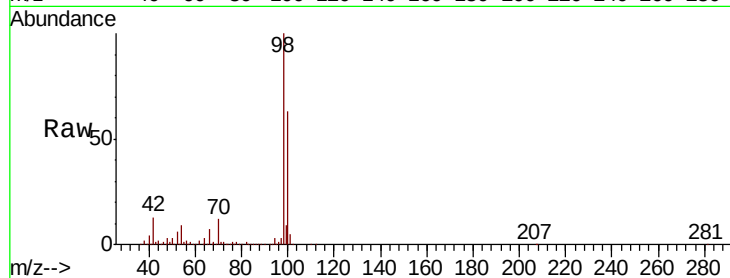
CL-01-091418-E

Tot Ion: 98 Resp: 398243

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0



#52

Toluene

Concen: 1.21 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005434.D

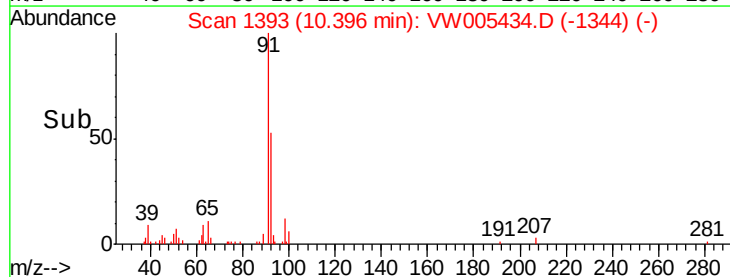
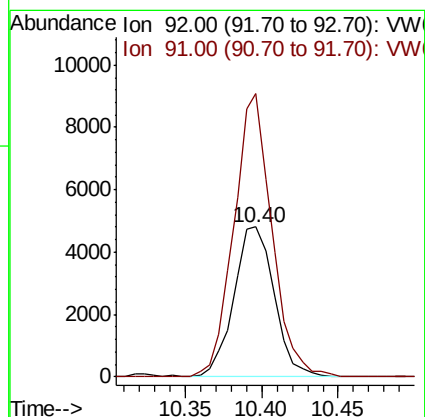
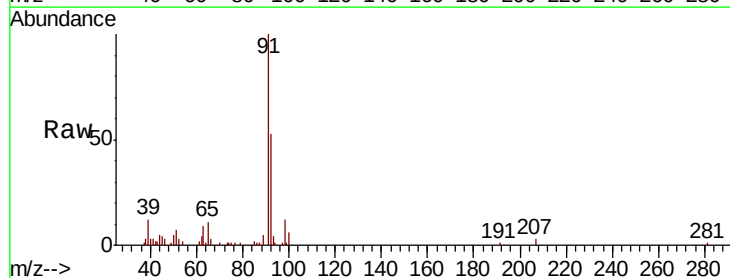
Acq: 17 Sep 2018 15:29

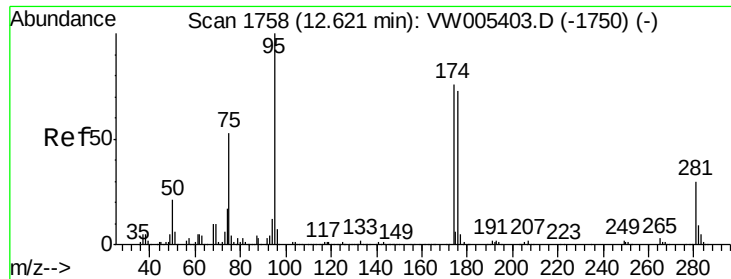
Tgt Ion: 92 Resp: 8823

Ion Ratio Lower Upper

92 100

91 177.5 139.1 208.7

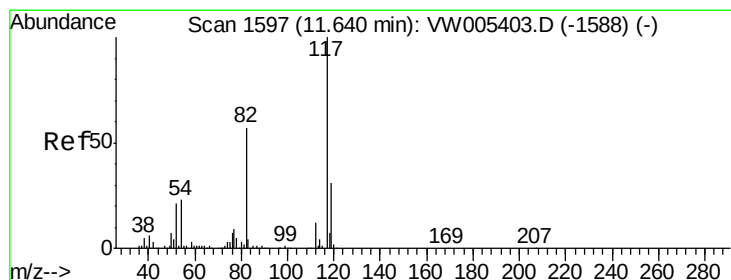
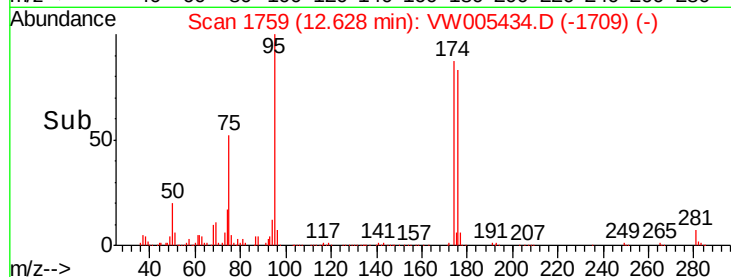
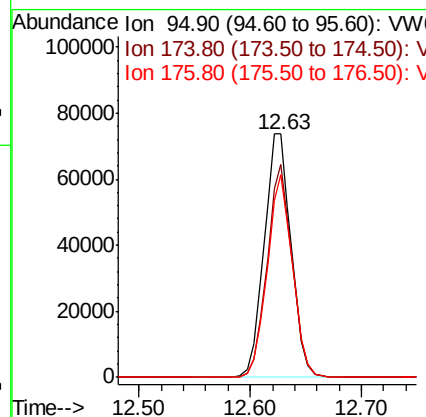
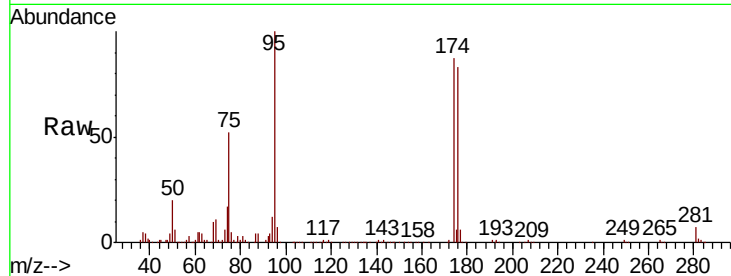




#62
4-Bromofluorobenzene
Concen: 33.51 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005434.D
Acq: 17 Sep 2018 15:29

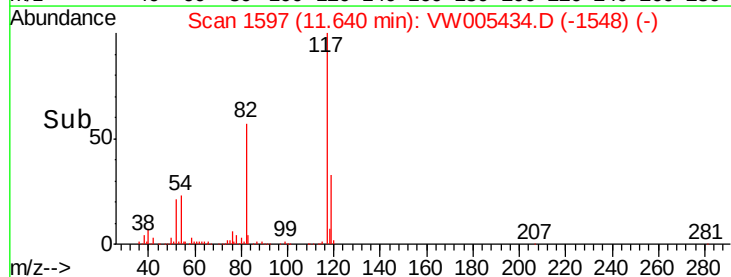
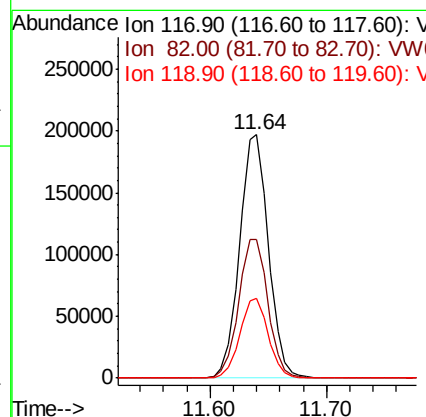
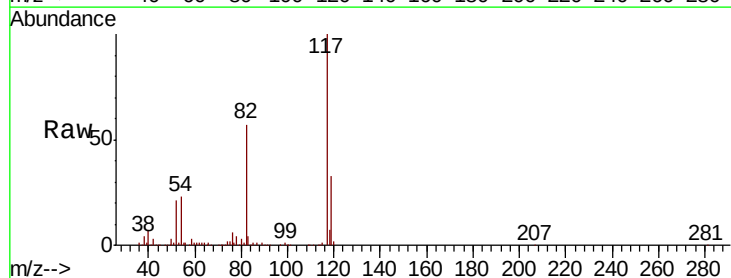
Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-E

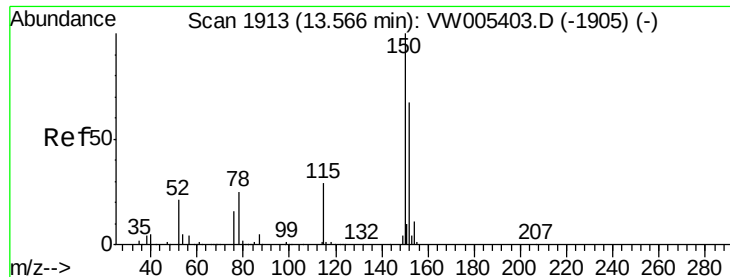
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	161.2
176	78.0	0.0	156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005434.D
Acq: 17 Sep 2018 15:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.9	68.9
119	32.5	24.8	37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005434.D

Acq: 17 Sep 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

CL-01-091418-E

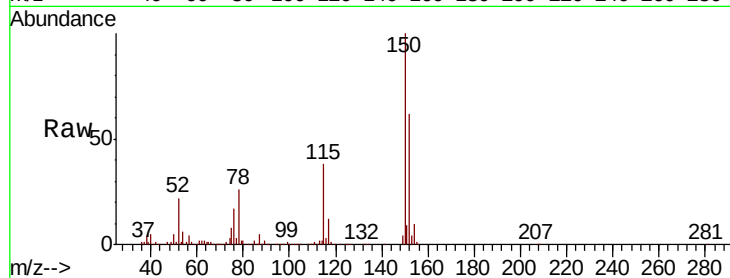
Tot Ion:152 Resp: 127168

Ion Ratio Lower Upper

152 100

115 59.2 29.5 88.5

150 155.3 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

