

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005435.D
 Acq On : 17 Sep 2018 15:54
 Operator : SY/AP
 Sample : J4940-01
 Misc : 5.18G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-1

Quant Time: Sep 18 01:53:41 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	246405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	384928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	373772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191437	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	115373	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	
35) Dibromofluoromethane	7.89	113	94379	43.73	ug/l	0.00
Spiked Amount			Recovery	=	87.46%	
50) Toluene-d8	10.33	98	411347	41.62	ug/l	0.00
Spiked Amount			Recovery	=	83.24%	
62) 4-Bromofluorobenzene	12.62	95	151499	41.80	ug/l	0.00
Spiked Amount			Recovery	=	83.60%	

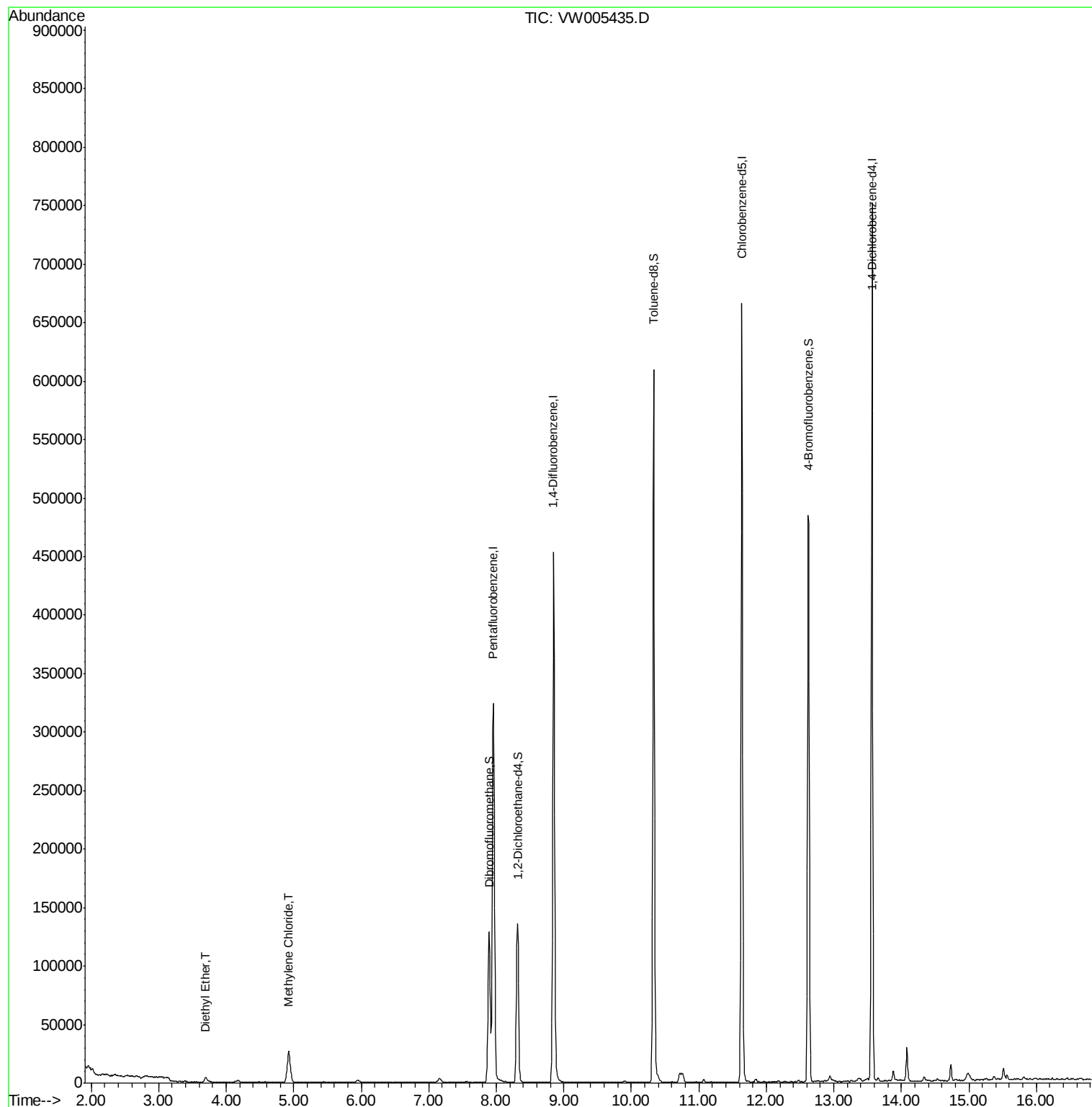
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	2104	1.96	ug/l	96
20) Methylene Chloride	4.93	84	19432	2.17	ug/l	94

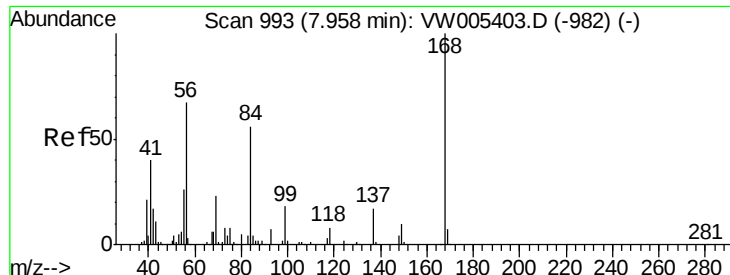
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005435.D

Acq: 17 Sep 2018 15:54

Instrument :

MSVOA_W

ClientSampled :

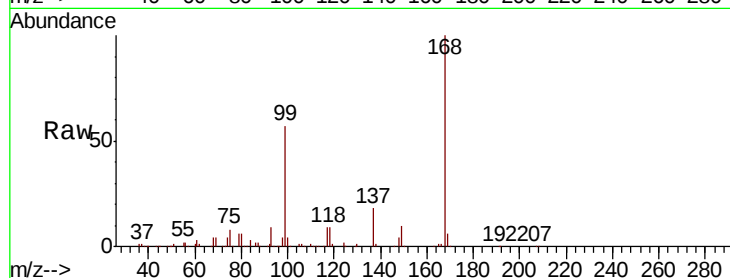
COMP-1

Tot Ion:168 Resp: 246405

Ion Ratio Lower Upper

168 100

99 56.7 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

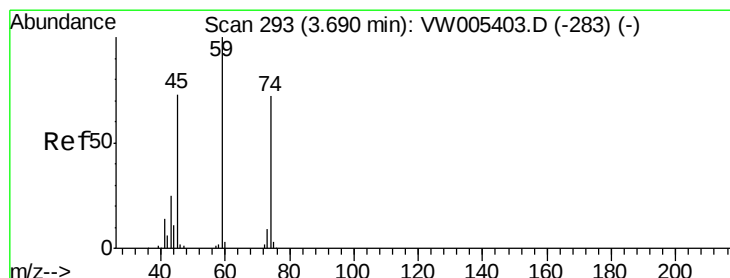
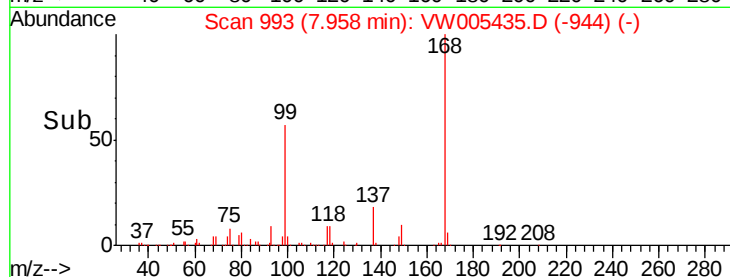
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.96 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005435.D

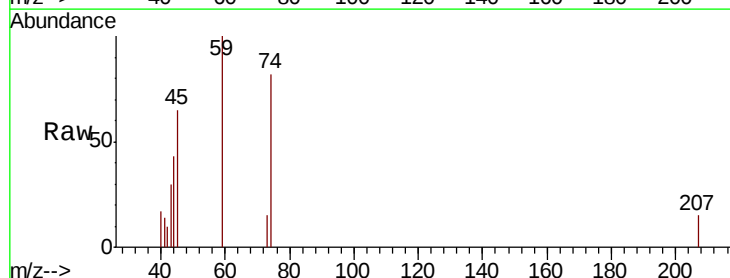
Acq: 17 Sep 2018 15:54

Tgt Ion: 74 Resp: 2104

Ion Ratio Lower Upper

74 100

45 110.6 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

1200

1000

800

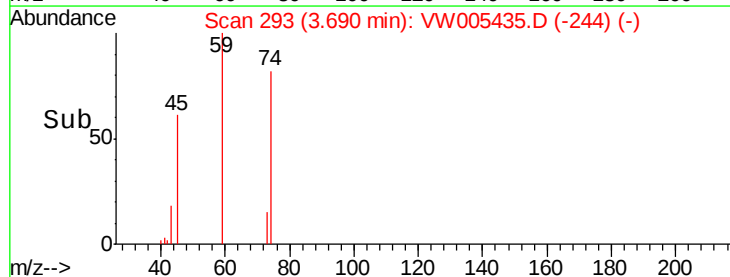
600

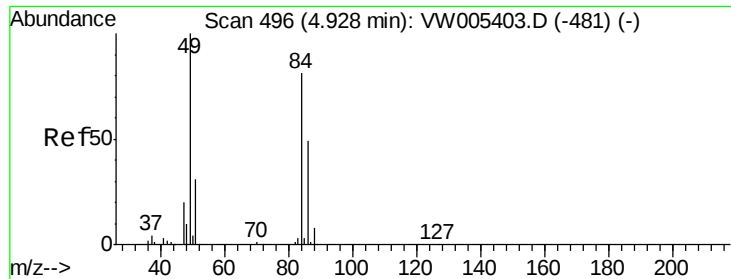
400

200

0

Time-->

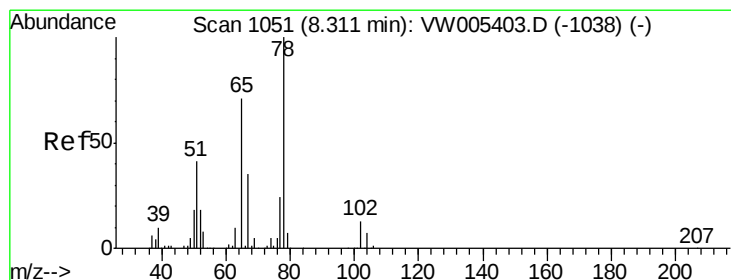
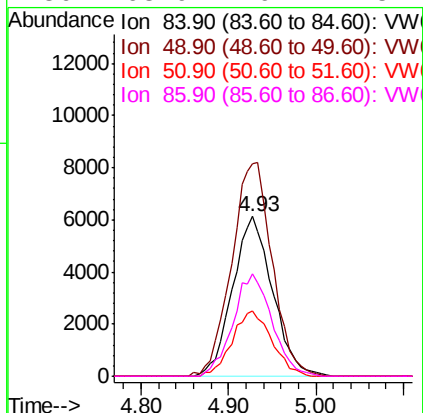
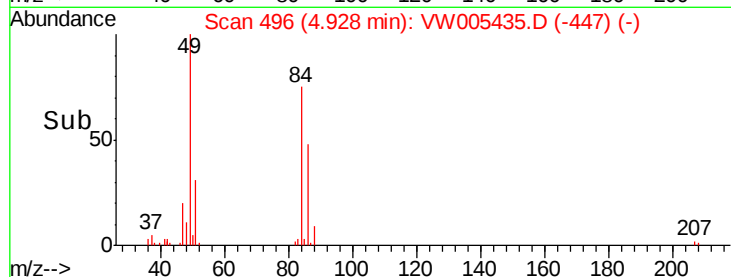
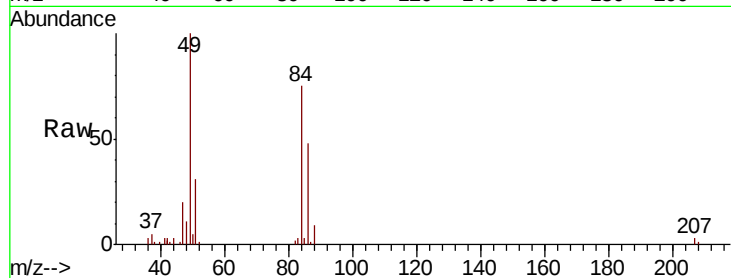




#20
Methvlene Chloride
Concen: 2.17 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005435.D
Acq: 17 Sep 2018 15:54

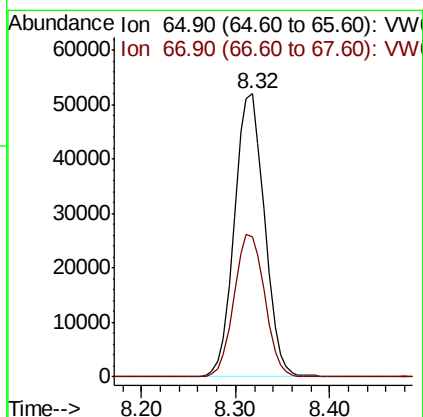
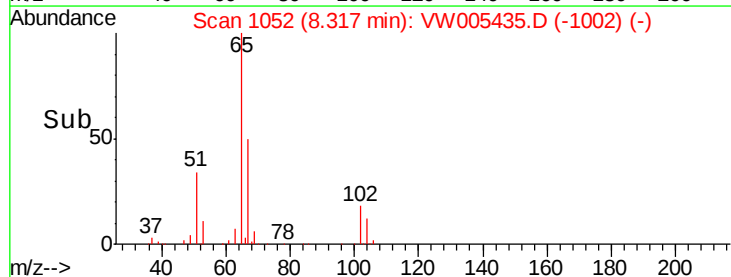
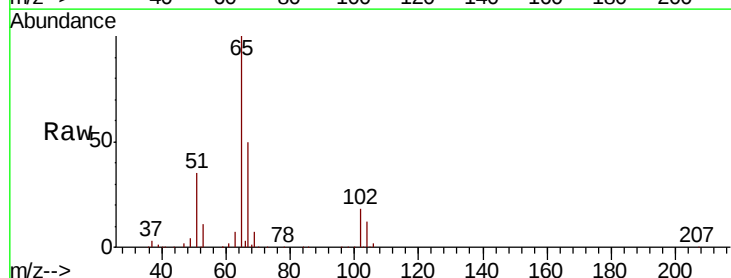
Instrument :
MSVOA_W
ClientSampleId :
COMP-1

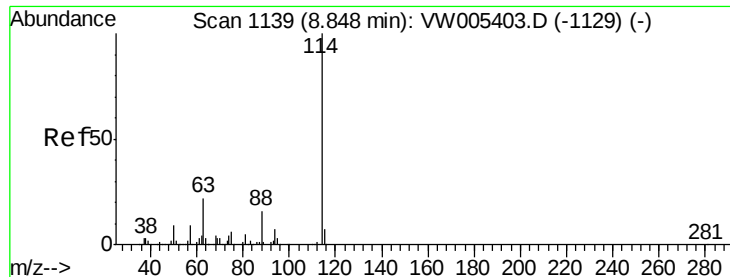
Tot Ion:	84	Resp:	19432
Ion	Ratio	Lower	Upper
84	100		
49	132.6	99.3	148.9
51	41.1	31.1	46.7
86	63.9	49.1	73.7



#33
1,2-Dichloroethane-d4
Concen: 45.11 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005435.D
Acq: 17 Sep 2018 15:54

Tgt Ion:	65	Resp:	115373
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.6

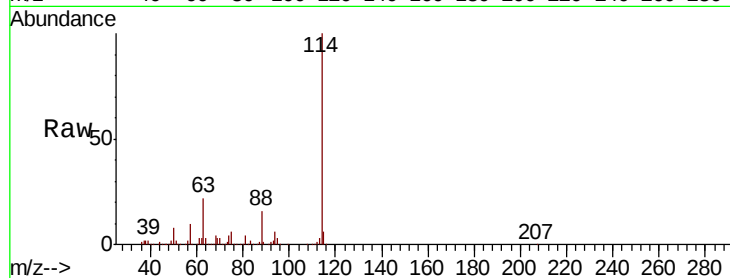




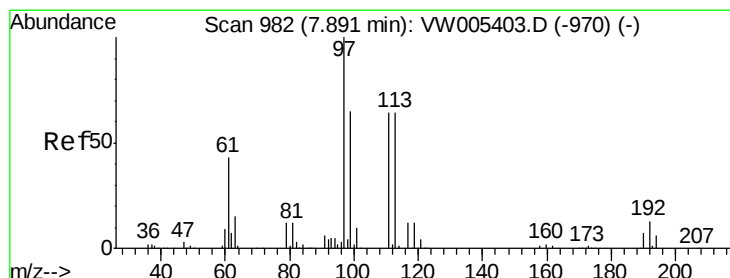
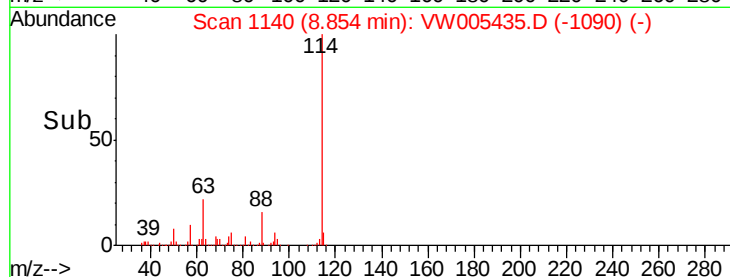
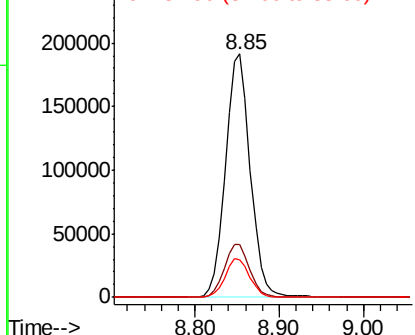
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VW005435.D
Acq: 17 Sep 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
COMP-1

Tot Ion:114 Resp: 384928
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.4
88 15.6 0.0 31.8

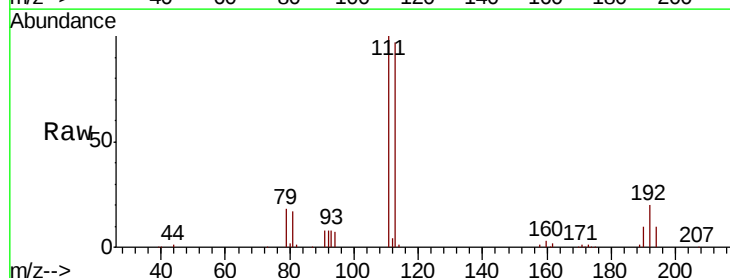


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

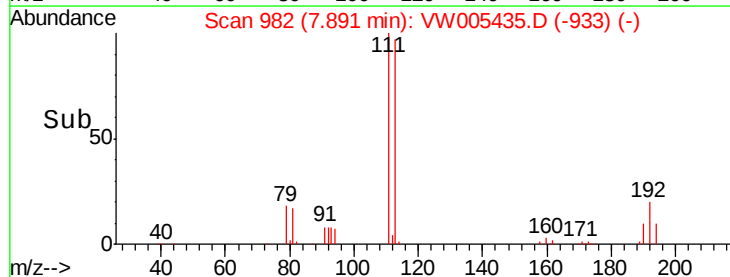
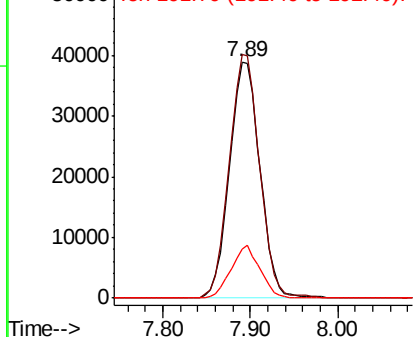


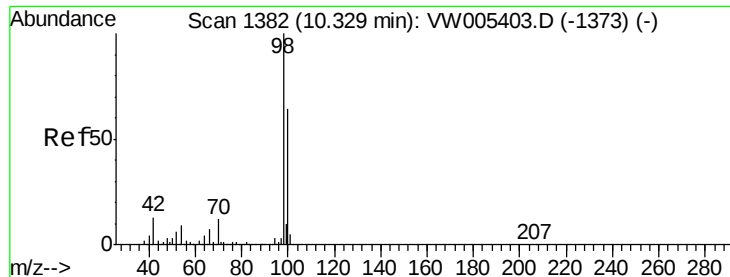
#35
Dibromofluoromethane
Concen: 43.73 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005435.D
Acq: 17 Sep 2018 15:54

Tgt Ion:113 Resp: 94379
Ion Ratio Lower Upper
113 100
111 102.4 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: 41.62 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005435.D

Acq: 17 Sep 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

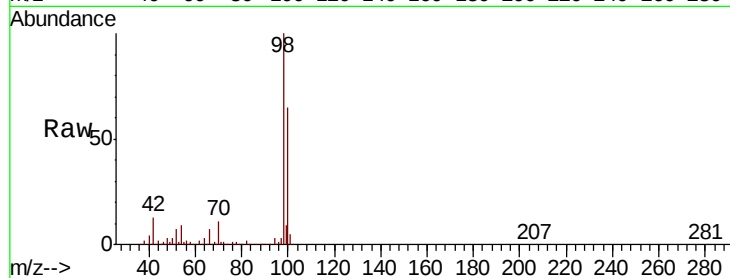
COMP-1

Tot Ion: 98 Resp: 411347

Ion Ratio Lower Upper

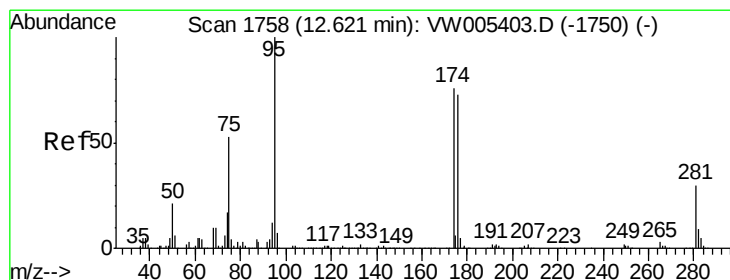
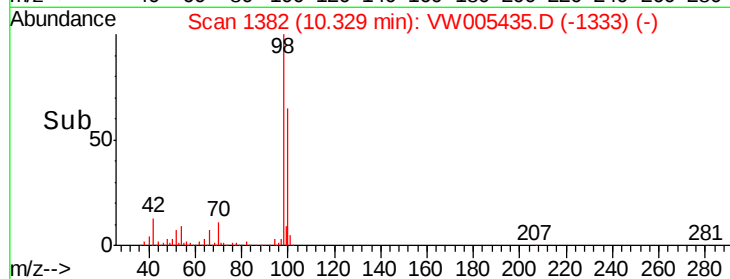
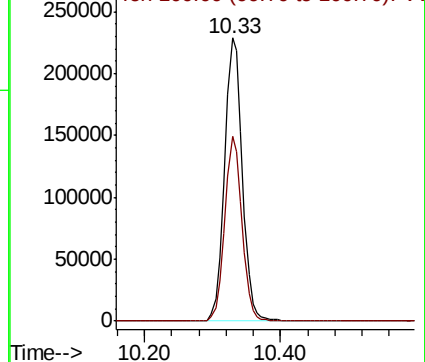
98 100

100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.80 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005435.D

Acq: 17 Sep 2018 15:54

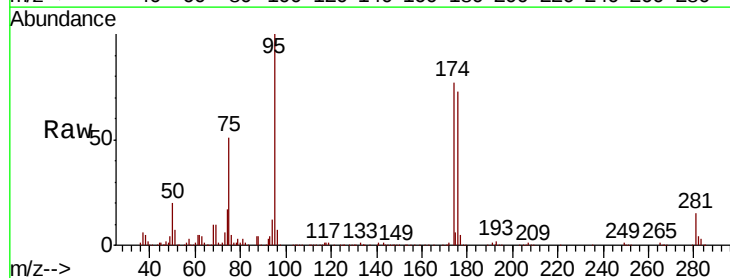
Tgt Ion: 95 Resp: 151499

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.2

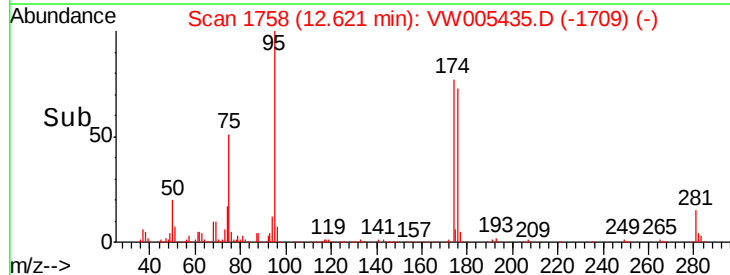
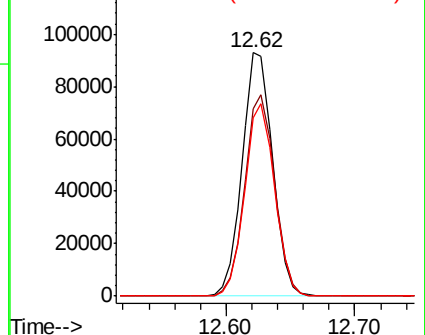
176 77.4 0.0 156.6

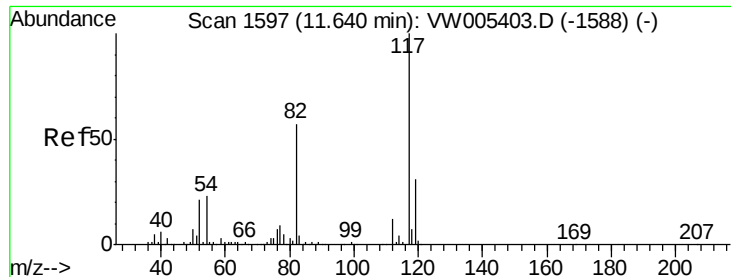


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005435.D

Acq: 17 Sep 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

COMP-1

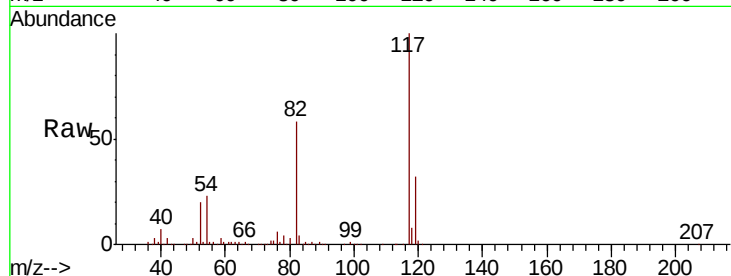
Tot Ion:117 Resp: 373772

Ion Ratio Lower Upper

117 100

82 57.5 45.9 68.9

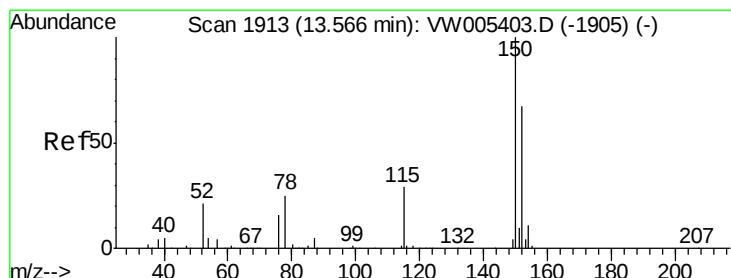
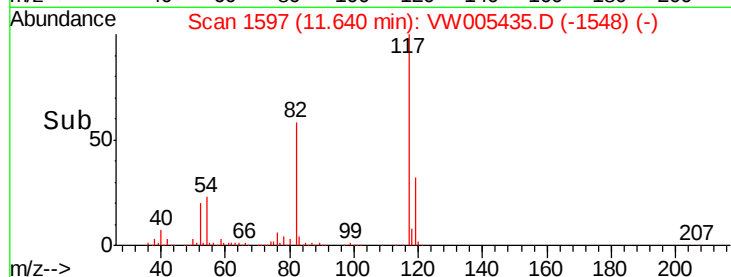
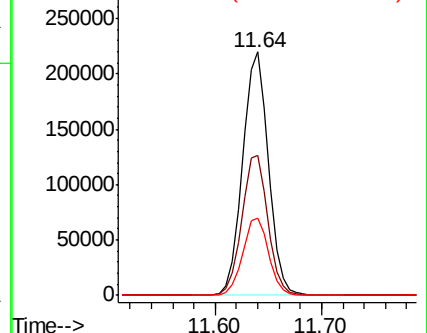
119 31.6 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005435.D

Acq: 17 Sep 2018 15:54

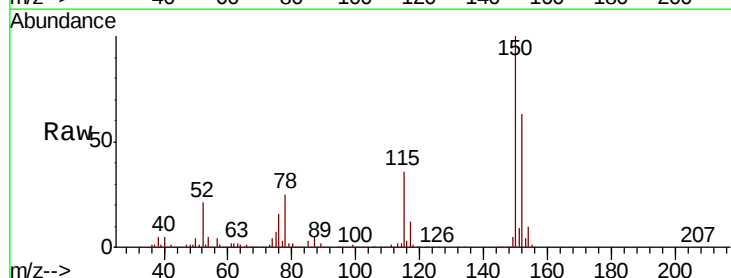
Tgt Ion:152 Resp: 191437

Ion Ratio Lower Upper

152 100

115 58.8 29.5 88.5

150 157.7 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

