

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005442.D
 Acq On : 17 Sep 2018 18:52
 Operator : SY/AP
 Sample : J4935-01
 Misc : 3.71G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PHASE-1

Quant Time: Sep 18 02:05:21 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	228528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	119364	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	103172	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	
35) Dibromofluoromethane	7.89	113	84213	41.95	ug/l	0.00
Spiked Amount			Recovery	=	83.90%	
50) Toluene-d8	10.33	98	341289	37.12	ug/l	0.00
Spiked Amount			Recovery	=	74.24%	
62) 4-Bromofluorobenzene	12.63	95	100411	29.79	ug/l	0.00
Spiked Amount			Recovery	=	59.58%	

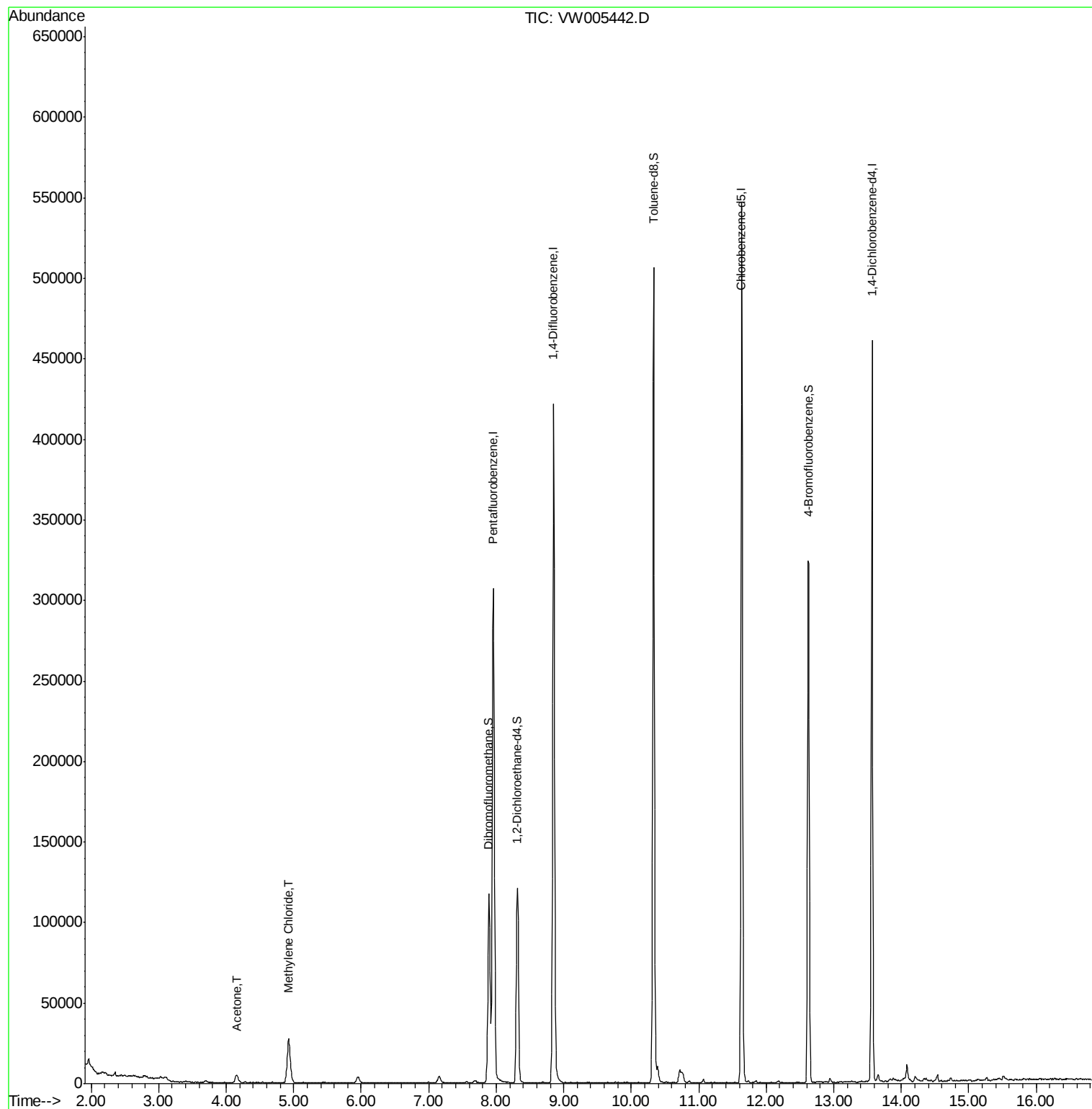
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	9475	10.52	ug/l	92
20) Methylene Chloride	4.93	84	19810	3.02	ug/l	97

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

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ClientSampleId :

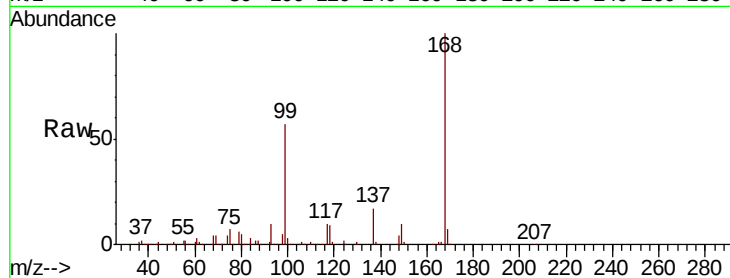
PHASE-1

Tot Ion:168 Resp: 228528

Ion Ratio Lower Upper

168 100

99 57.2 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

100000

80000

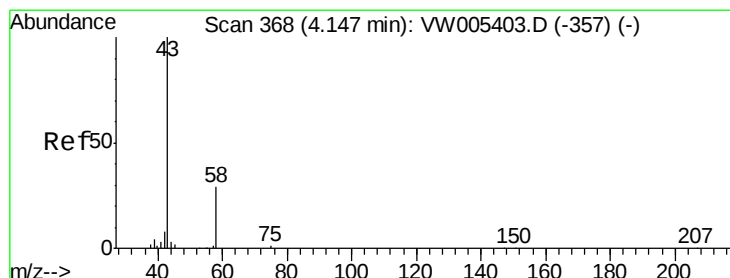
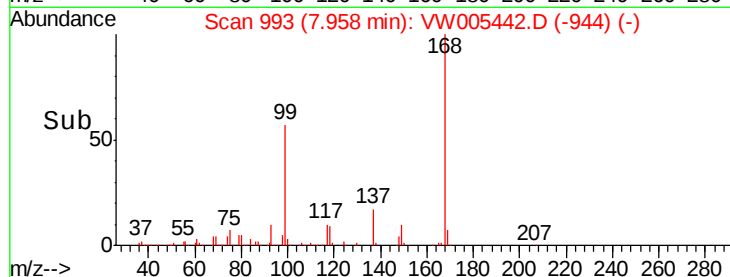
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 10.52 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW005442.D

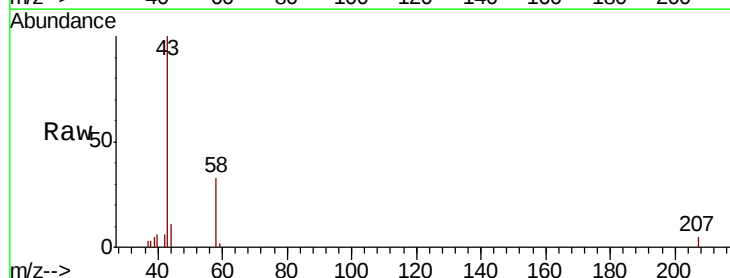
Acq: 17 Sep 2018 18:52

Tgt Ion: 43 Resp: 9475

Ion Ratio Lower Upper

43 100

58 33.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

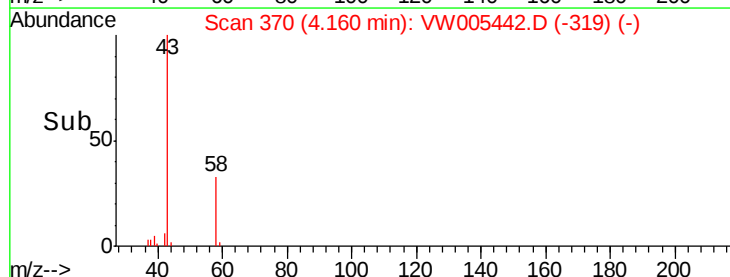
3000

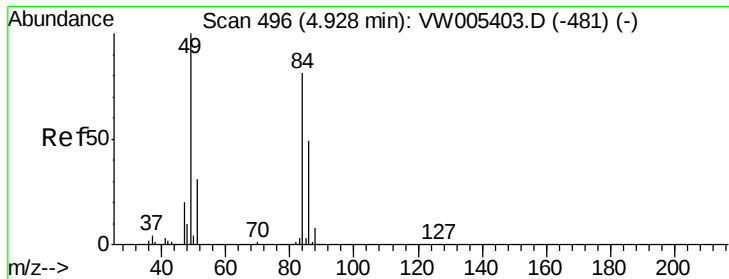
2000

1000

0

Time--> 4.10 4.20

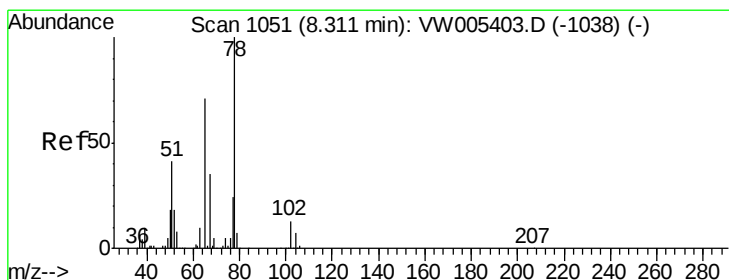
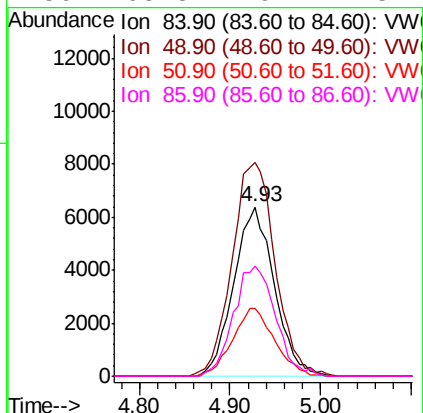
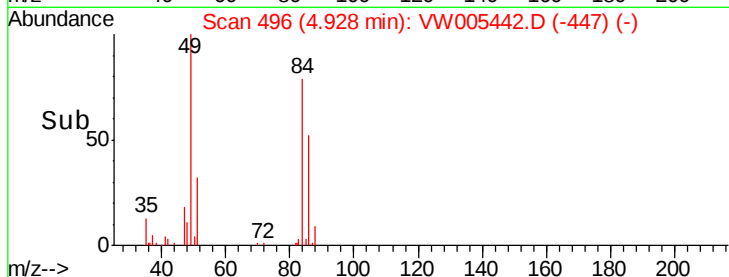
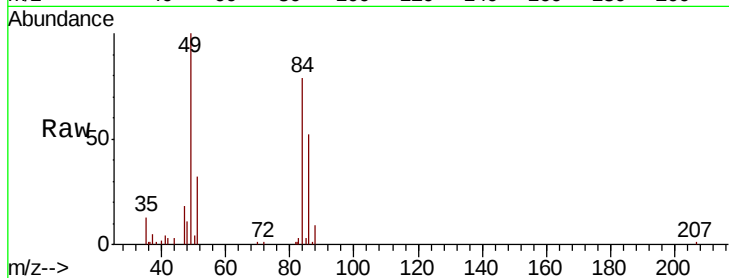




#20
Methylene Chloride
Concen: 3.02 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005442.D
Acq: 17 Sep 2018 18:52

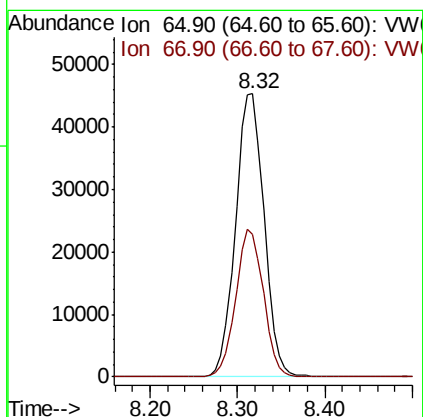
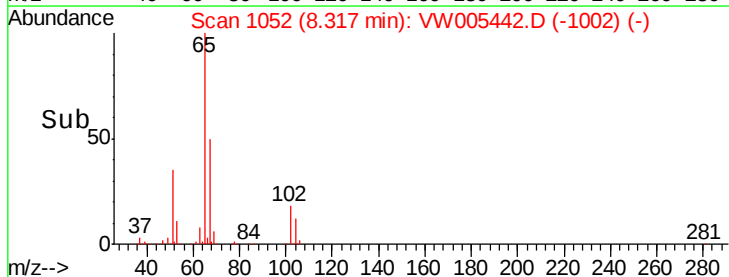
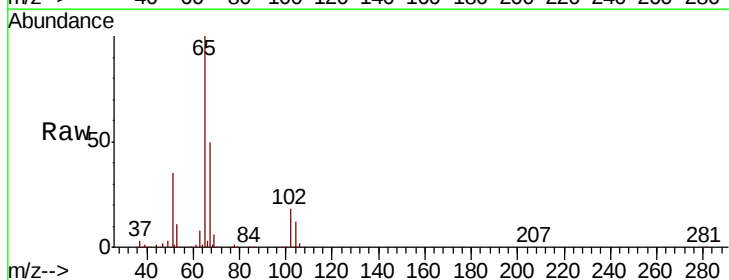
Instrument :
MSVOA_W
ClientSampleId :
PHASE-1

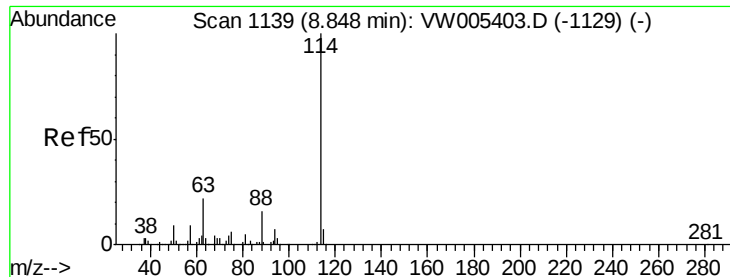
Tot Ion: 84 Resp: 19810
Ion Ratio Lower Upper
84 100
49 126.2 99.3 148.9
51 40.2 31.1 46.7
86 65.3 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 43.49 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005442.D
Acq: 17 Sep 2018 18:52

Tgt Ion: 65 Resp: 103172
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.6

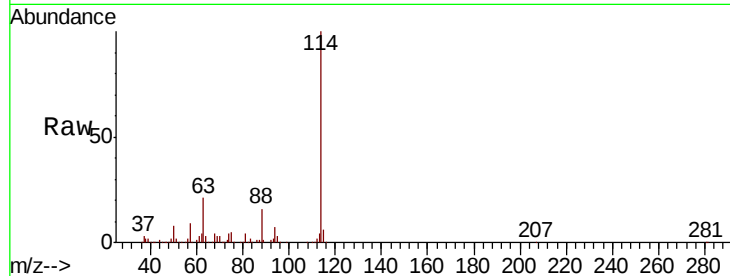




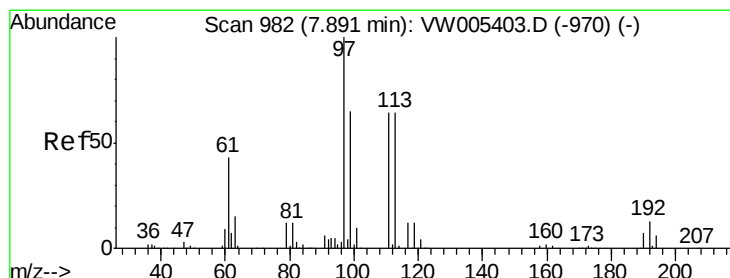
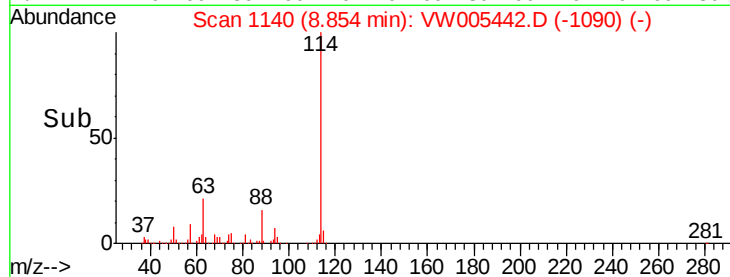
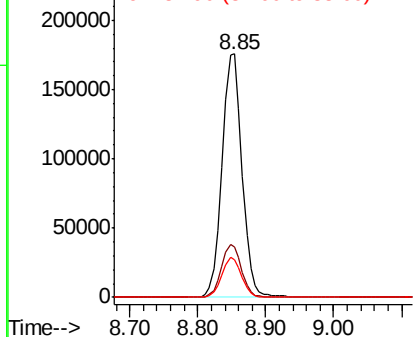
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005442.D
 Acq: 17 Sep 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 PHASE-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.4
88	15.7	0.0	31.8

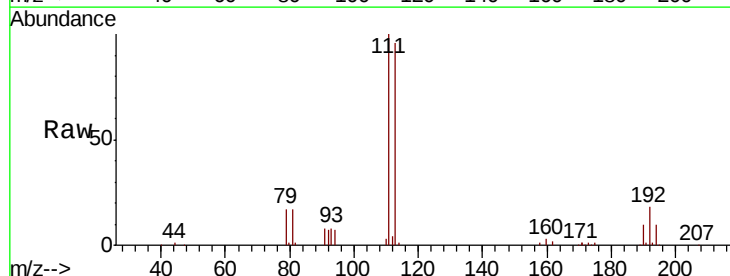


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

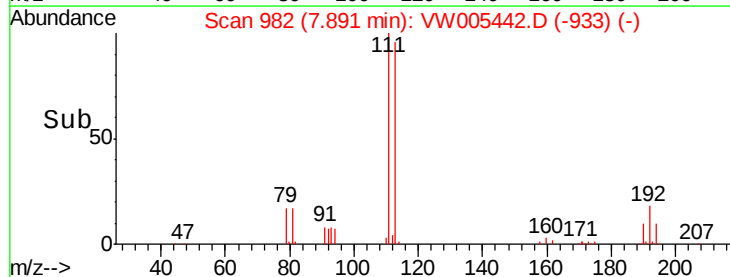
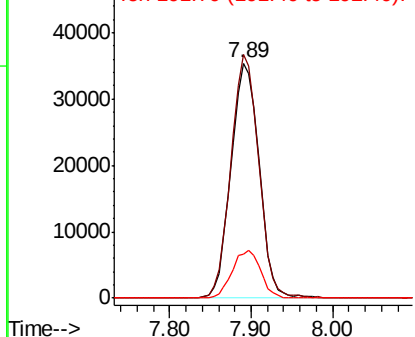


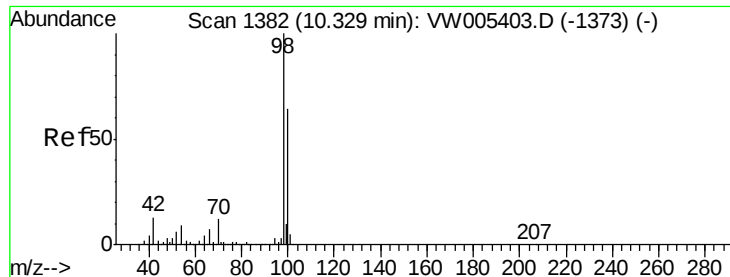
#35
 Dibromofluoromethane
 Concen: 41.95 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005442.D
 Acq: 17 Sep 2018 18:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	20.5	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: 37.12 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005442.D

Acq: 17 Sep 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

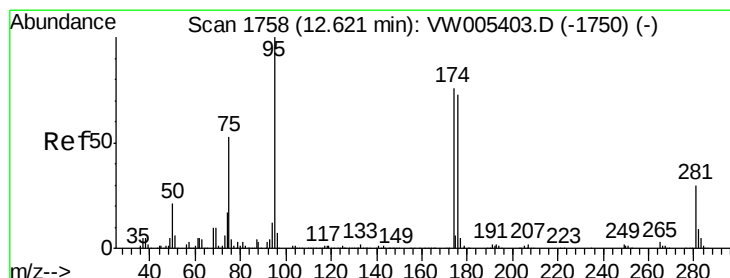
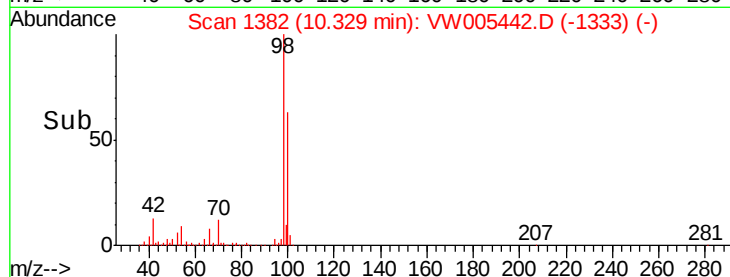
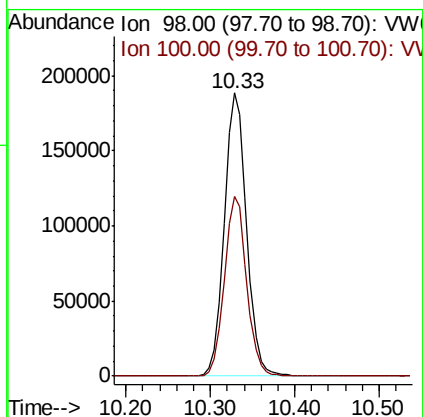
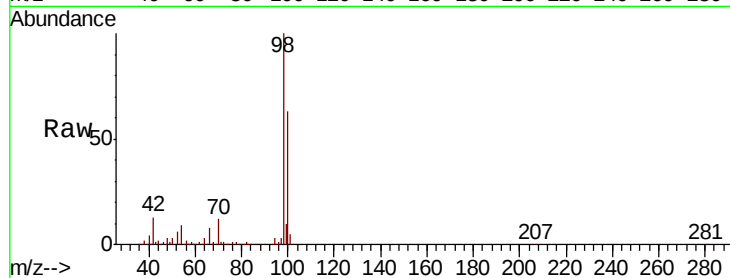
PHASE-1

Tot Ion: 98 Resp: 341289

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 29.79 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005442.D

Acq: 17 Sep 2018 18:52

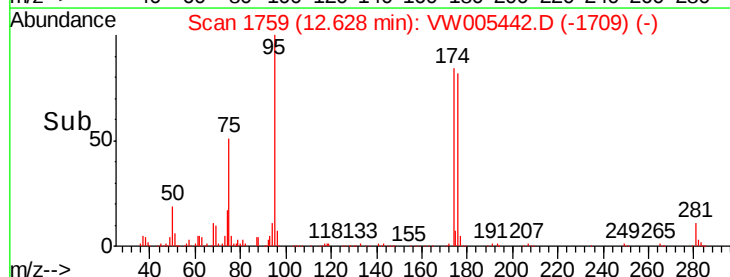
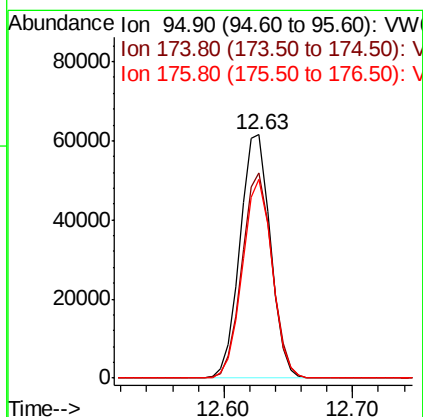
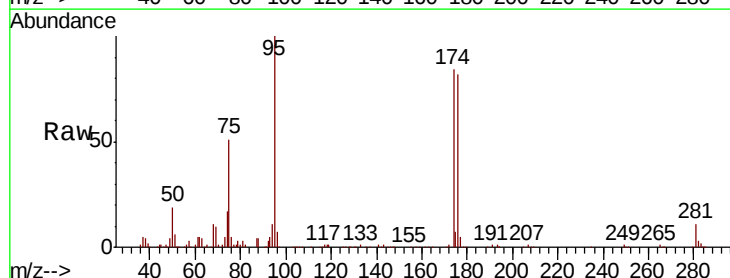
Tgt Ion: 95 Resp: 100411

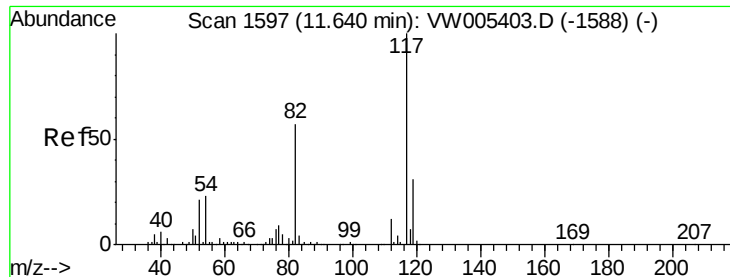
Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.2

176 79.7 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VW005442.D

Acq: 17 Sep 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

PHASE-1

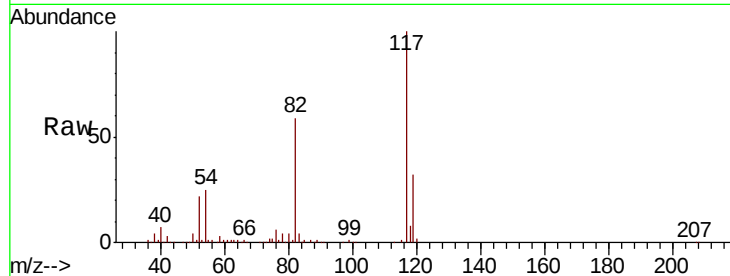
Tot Ion:117 Resp: 306825

Ion Ratio Lower Upper

117 100

82 59.3 45.9 68.9

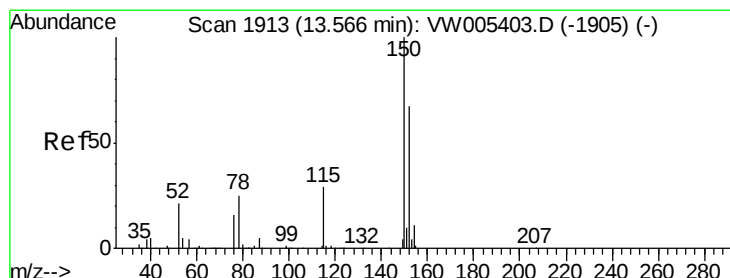
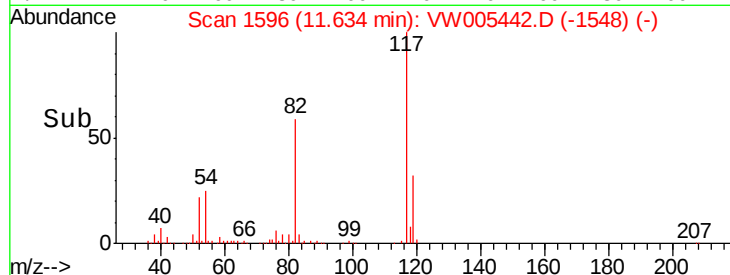
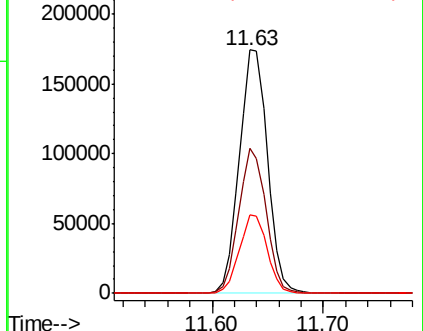
119 32.4 24.8 37.2



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: VW005442.D

Acq: 17 Sep 2018 18:52

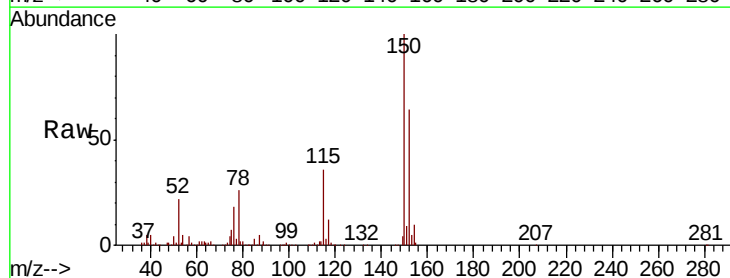
Tgt Ion:152 Resp: 119364

Ion Ratio Lower Upper

152 100

115 58.5 29.5 88.5

150 155.1 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

