

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005491.D
 Acq On : 18 Sep 2018 20:28
 Operator : SY/AP
 Sample : J4936-23RE
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PHASE-1RE

Quant Time: Sep 19 06:43:14 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

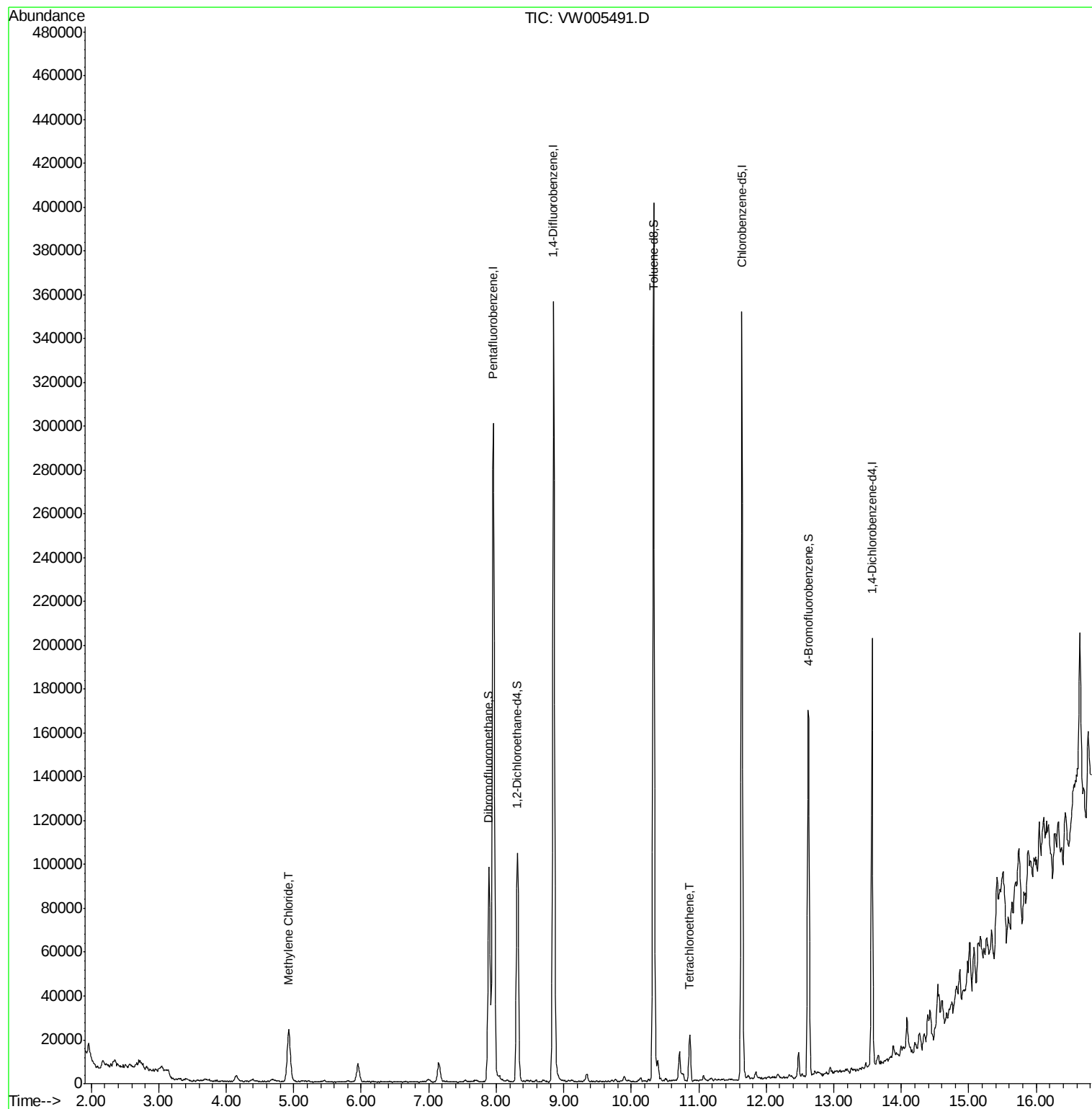
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	224966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	296241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	192365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	49315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85042	36.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.84%	
35) Dibromofluoromethane	7.89	113	69165	41.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.28%	
50) Toluene-d8	10.33	98	264833	34.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.64%	
62) 4-Bromofluorobenzene	12.63	95	50206	18.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.00%	
Target Compounds						
20) Methylene Chloride	4.93	84	17500	2.05	ug/l	95
64) Tetrachloroethene	10.87	164	5049	3.55	ug/l	92

(#) = 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: VW005491.D

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Instrument :

MSVOA_W

ClientSampleId :

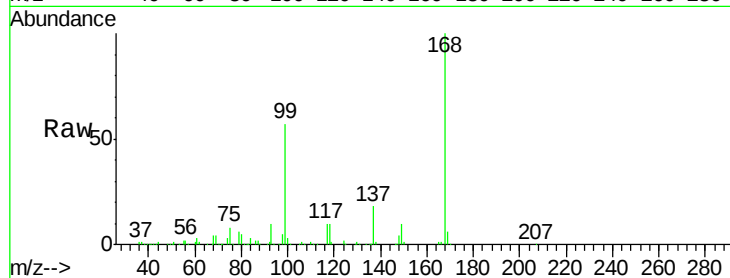
PHASE-1RE

Tot Ion:168 Resp: 224966

Ion Ratio Lower Upper

168 100

99 57.1 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

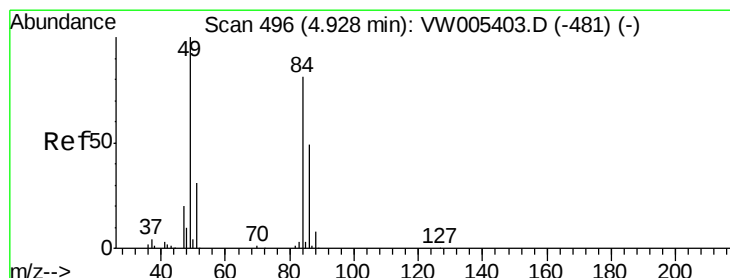
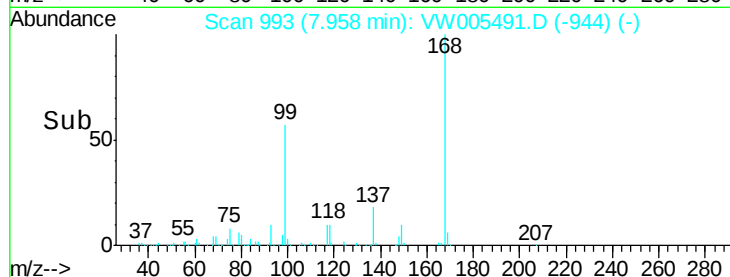
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.05 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW005491.D

Acq: 18 Sep 2018 20:28

Tgt Ion: 84 Resp: 17500

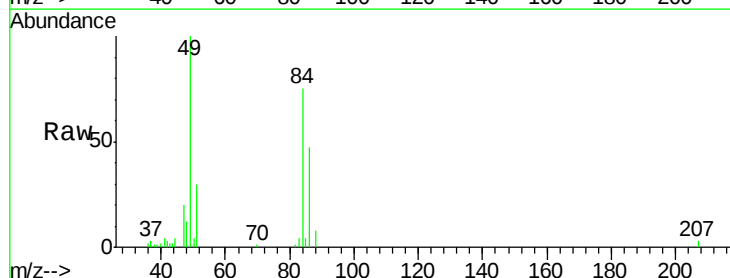
Ion Ratio Lower Upper

84 100

49 133.1 99.3 148.9

51 40.3 31.1 46.7

86 62.5 49.1 73.7



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

10000

8000

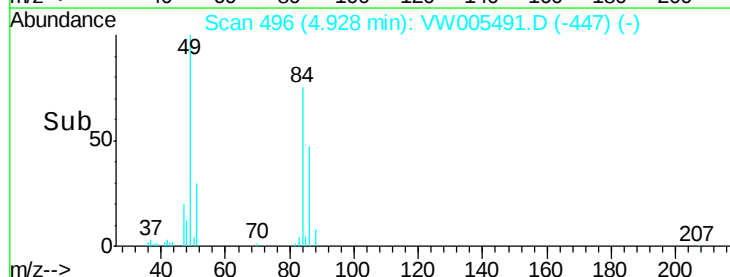
6000

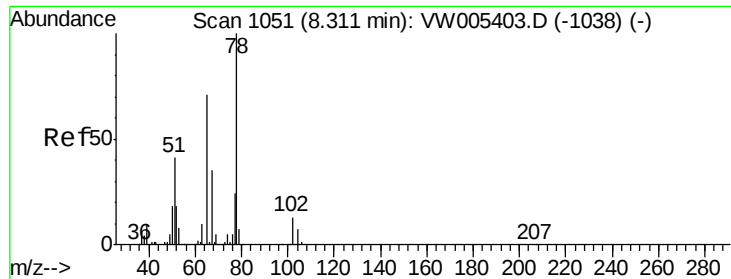
4000

2000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 36.42 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005491.D

Acq: 18 Sep 2018 20:28

Instrument :

MSVOA_W

ClientSampled :

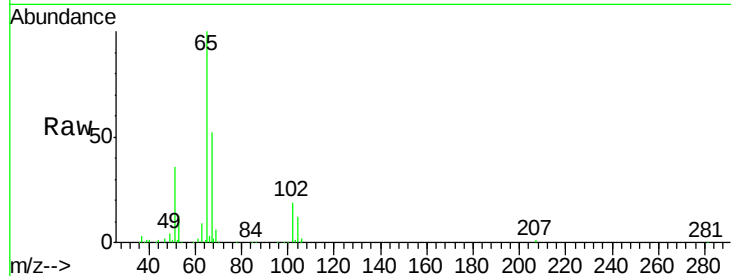
PHASE-1RE

Tot Ion: 65 Resp: 85042

Ion Ratio Lower Upper

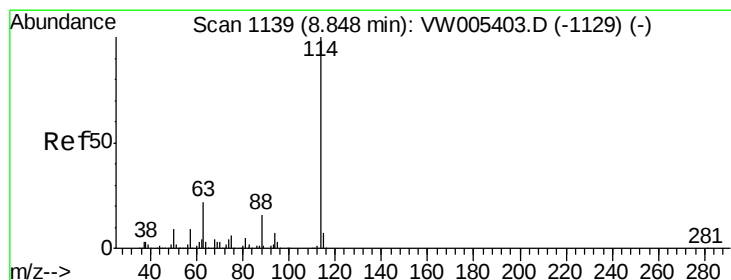
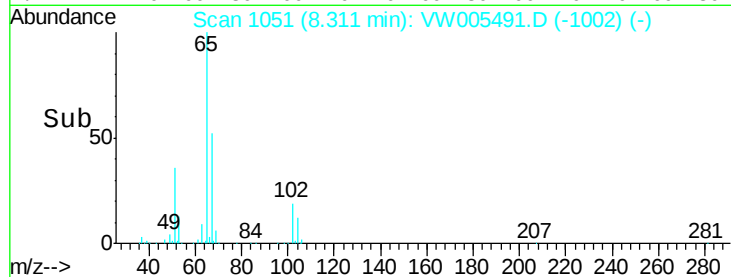
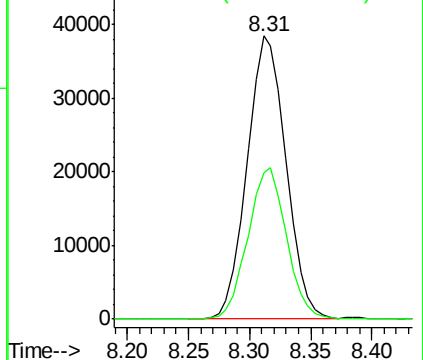
65 100

67 53.0 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005491.D

Acq: 18 Sep 2018 20:28

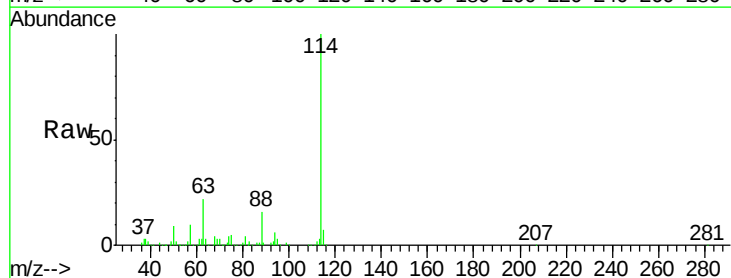
Tgt Ion: 114 Resp: 296241

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

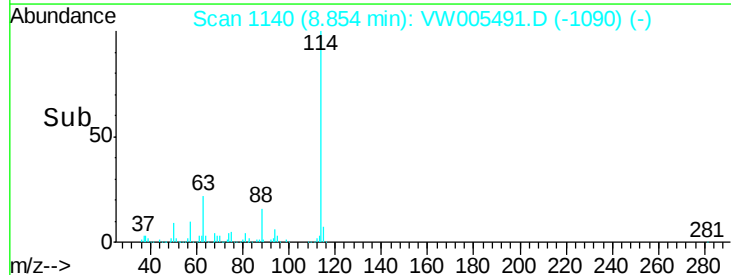
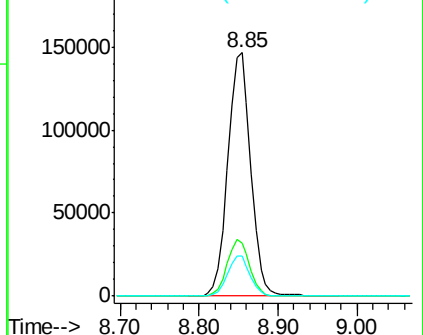
88 16.3 0.0 31.8

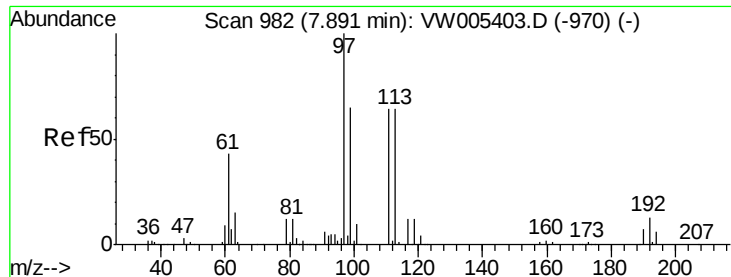


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

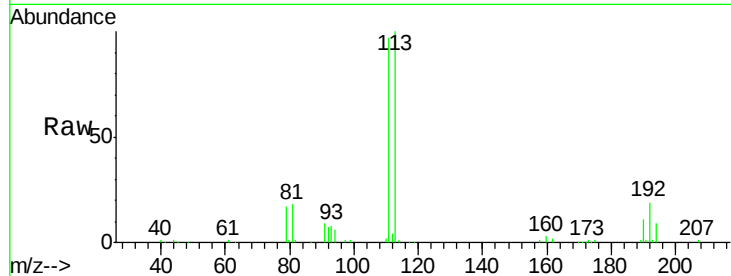




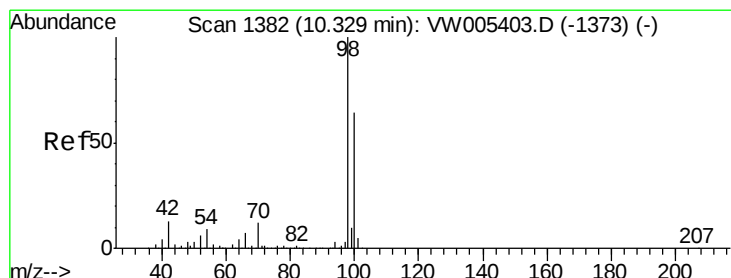
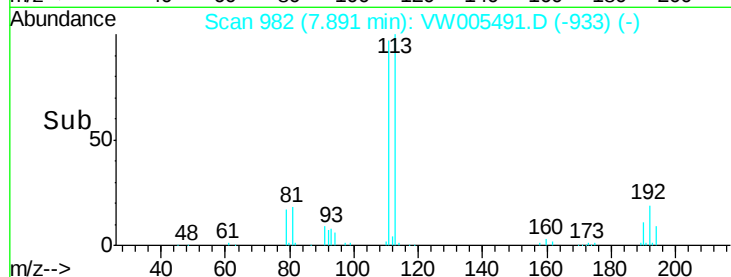
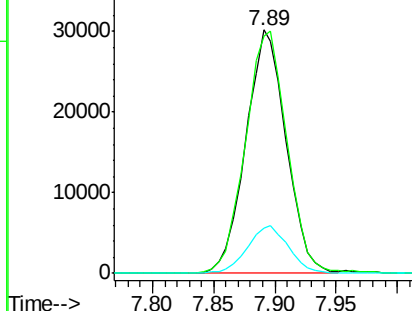
#35
 Dibromofluoromethane
 Concen: 41.64 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005491.D
 Acq: 18 Sep 2018 20:28

Instrument :
 MSVOA_W
 ClientSampled :
 PHASE-1RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	20.0	16.5	24.7

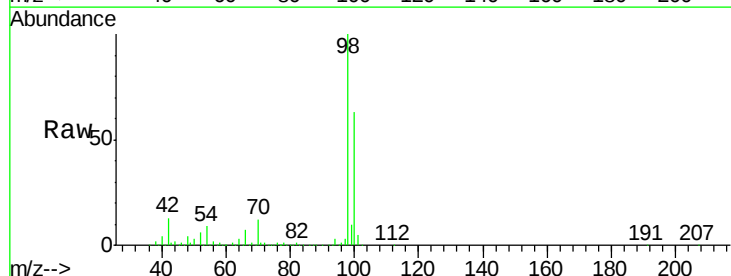


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

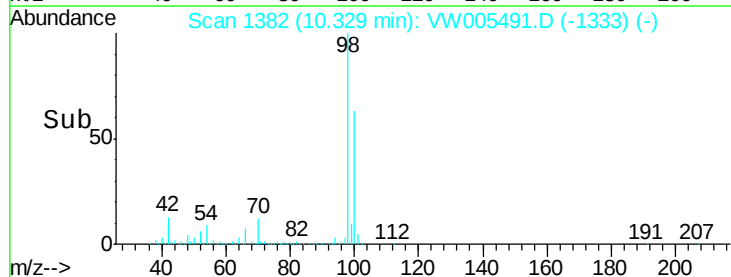
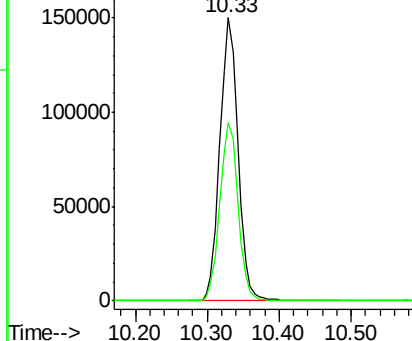


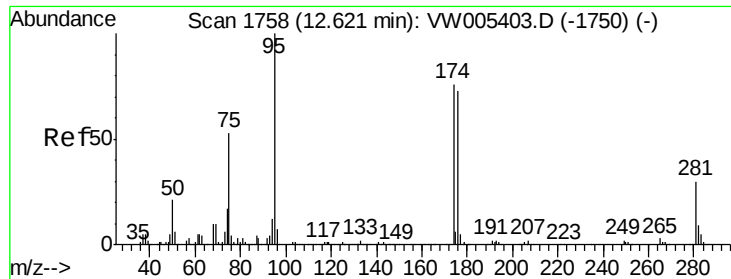
#50
 Toluene-d8
 Concen: 34.82 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005491.D
 Acq: 18 Sep 2018 20:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

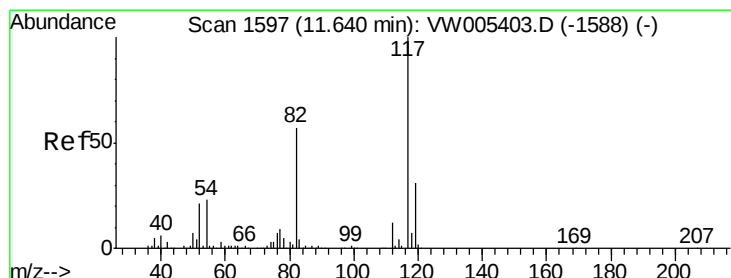
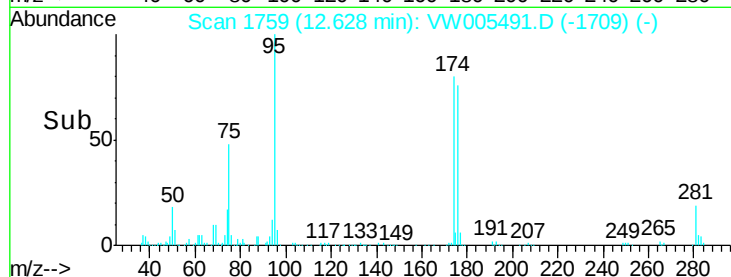
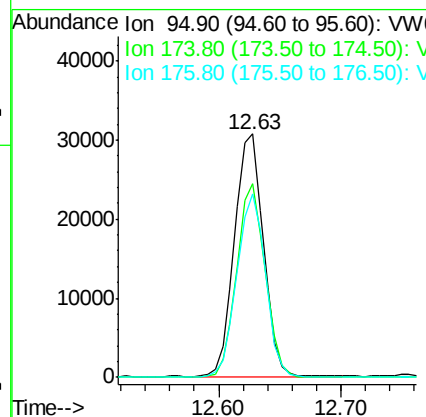
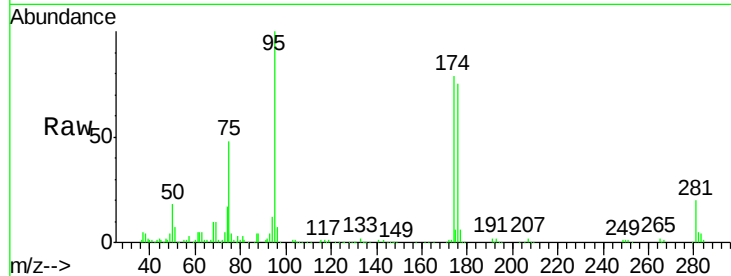




#62
4-Bromofluorobenzene
Concen: 18.00 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

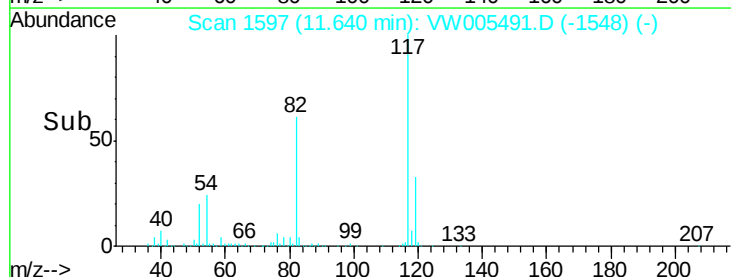
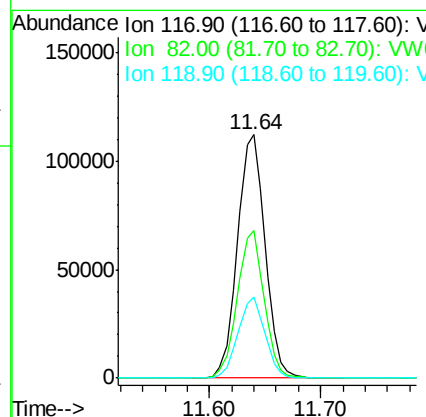
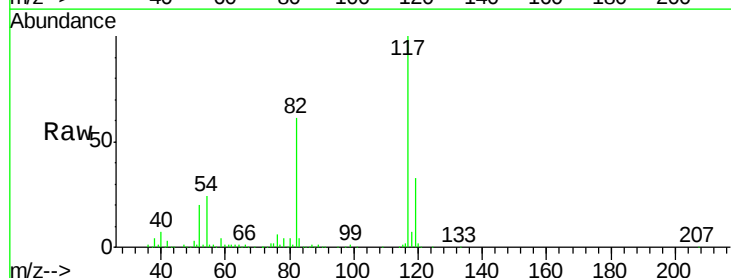
Instrument :
MSVOA_W
ClientSampleId :
PHASE-1RE

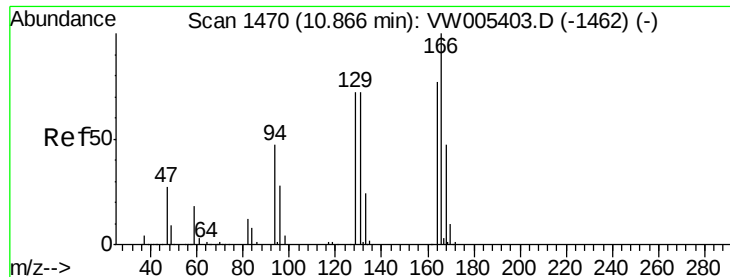
Tot Ion: 95 Resp: 50206
Ion Ratio Lower Upper
95 100
174 77.9 0.0 161.2
176 74.3 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion: 117 Resp: 192365
Ion Ratio Lower Upper
117 100
82 60.7 45.9 68.9
119 33.1 24.8 37.2





#64

Tetrachloroethene

Concen: 3.55 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW005491.D

Acq: 18 Sep 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

PHASE-1RE

Tot Ion:164 Resp: 5049

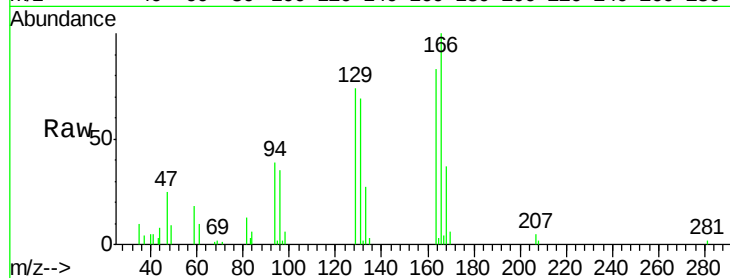
Ion Ratio Lower Upper

164 100

166 120.3 104.0 156.0

129 89.1 74.9 112.3

131 83.3 75.3 112.9

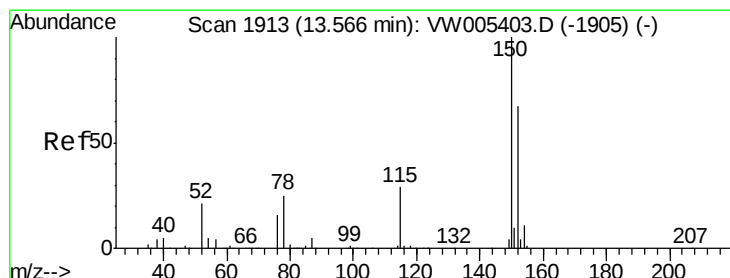
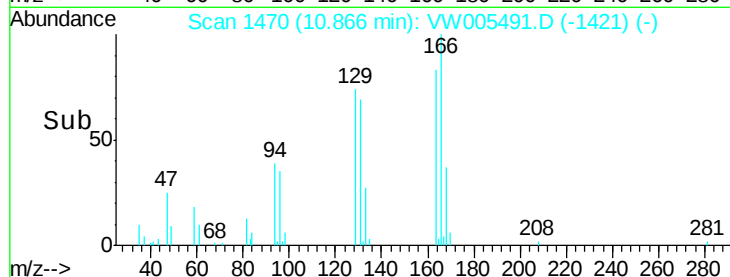
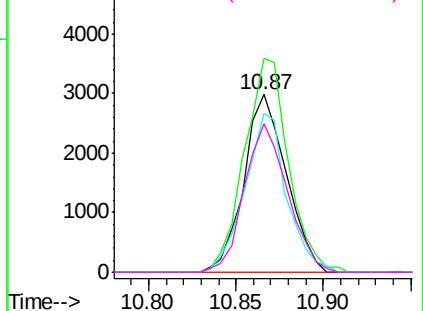


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VW005491.D

Acq: 18 Sep 2018 20:28

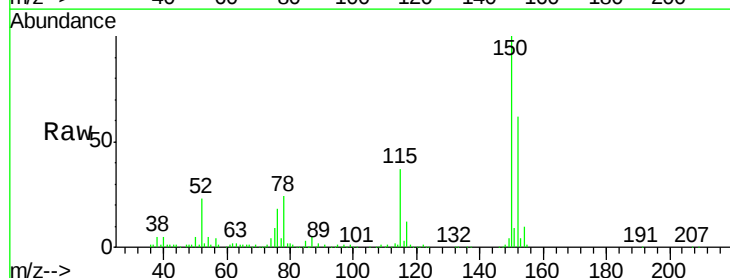
Tgt Ion:152 Resp: 49315

Ion Ratio Lower Upper

152 100

115 60.0 29.5 88.5

150 156.5 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

