

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005223.D
 Acq On : 07 Sep 2018 21:13
 Operator : SY/AP
 Sample : J4825-17RE
 Misc : 4.91G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-WS-COMP-17RE

Quant Time: Sep 08 02:13:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	13595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	12986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3332	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	6287	55.79	ug/l	0.00
Spiked Amount			Recovery	=	111.58%	
35) Dibromofluoromethane	7.89	113	5551	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	10.33	98	11824	22.43	ug/l	0.00
Spiked Amount			Recovery	=	44.86%	
62) 4-Bromofluorobenzene	12.63	95	4826	25.96	ug/l	0.00
Spiked Amount			Recovery	=	51.92%	

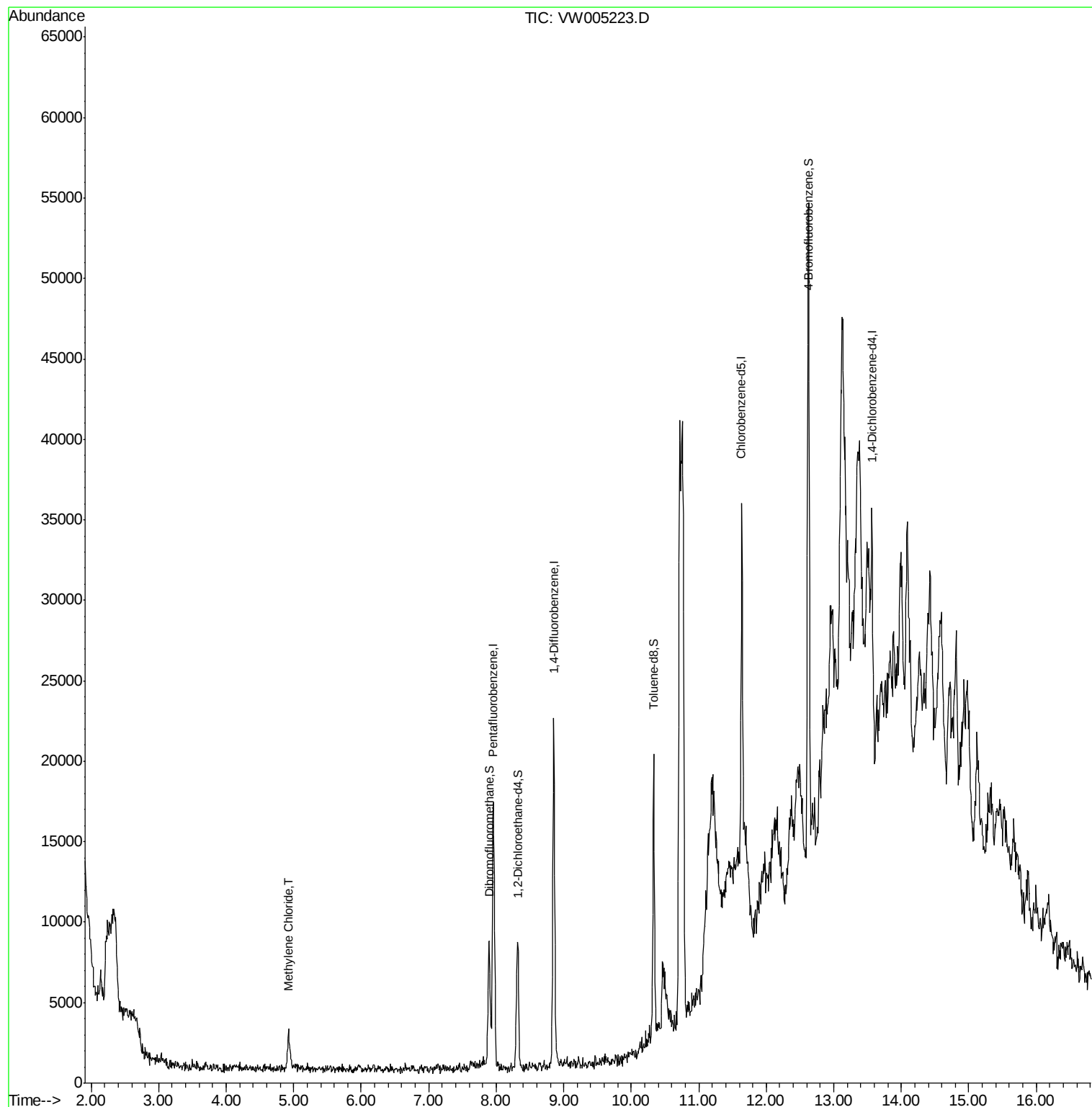
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	1727	8.04	ug/l	# 85

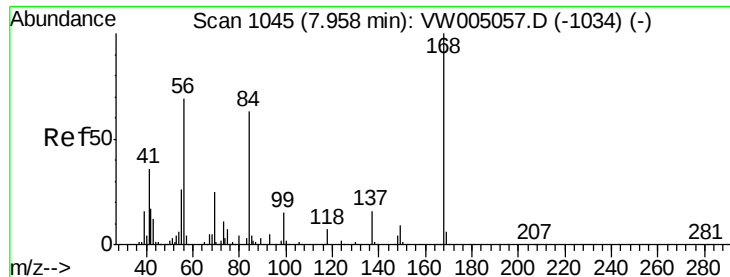
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005223.D

Acq: 07 Sep 2018 21:13

Instrument :

MSVOA_W

ClientSampleId :

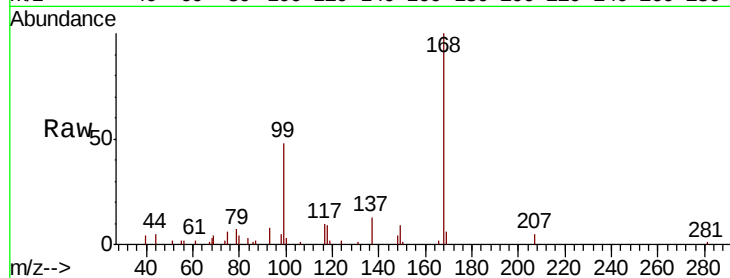
EP1-WS-COMP-17RE

Tot Ion:168 Resp: 13595

Ion Ratio Lower Upper

168 100

99 48.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

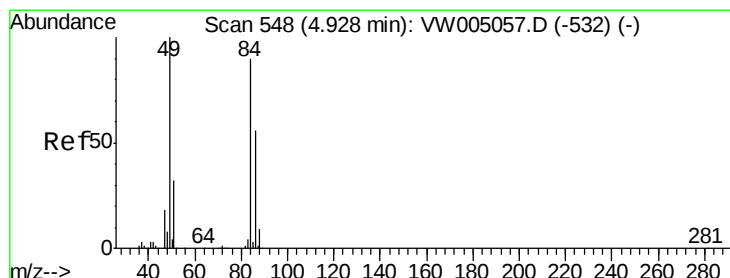
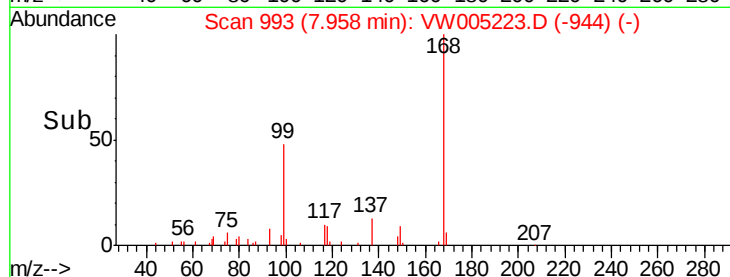
6000

4000

2000

0

Time-->



#20

Methylene Chloride

Concen: 8.04 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005223.D

Acq: 07 Sep 2018 21:13

Tgt Ion: 84 Resp: 1727

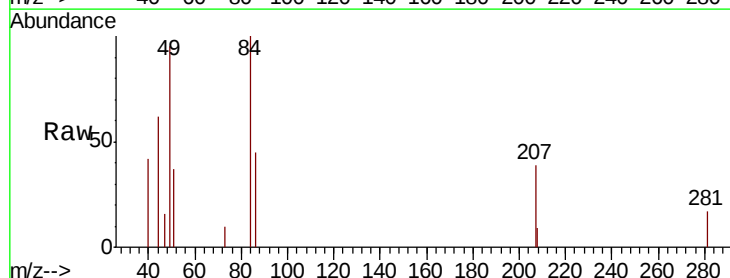
Ion Ratio Lower Upper

84 100

49 95.1 88.7 133.1

51 36.8 28.6 42.8

86 45.4 49.4 74.2#



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

1000

800

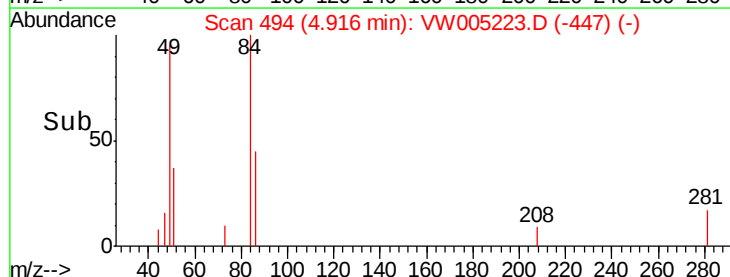
600

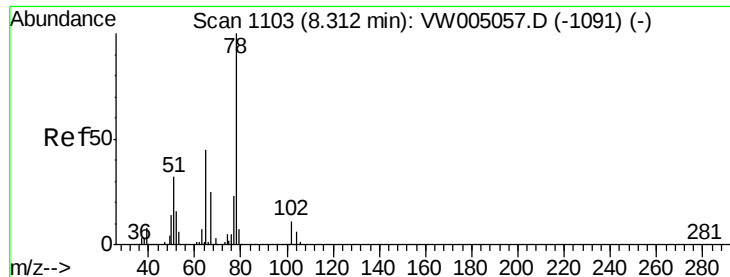
400

200

0

Time-->

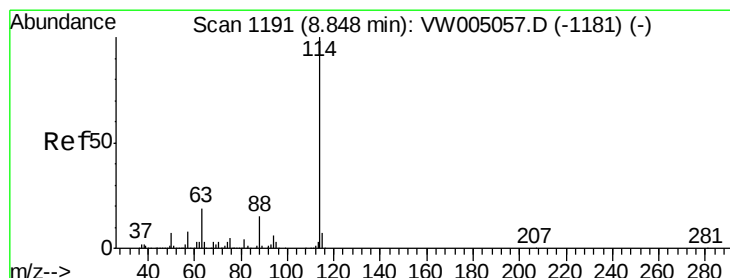
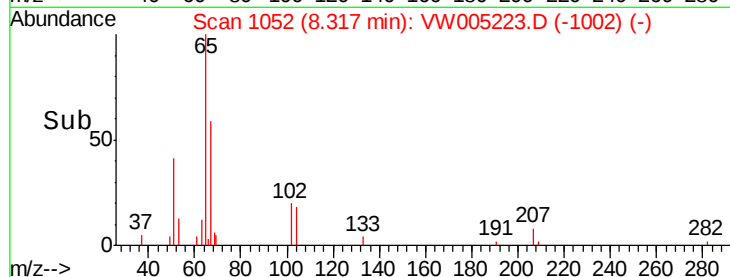
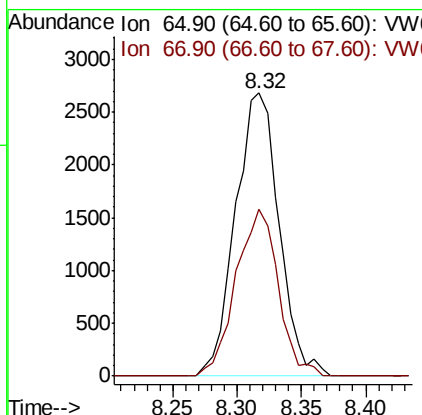
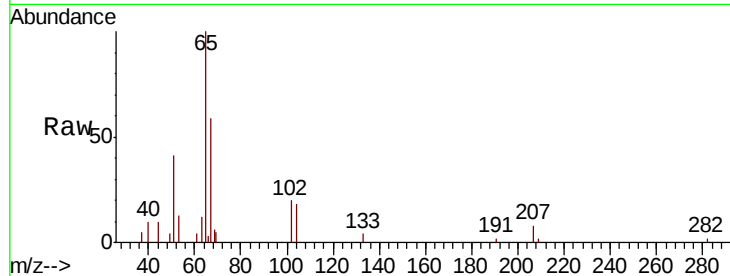




#33
 1,2-Dichloroethane-d4
 Concen: 55.79 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005223.D
 Acq: 07 Sep 2018 21:13

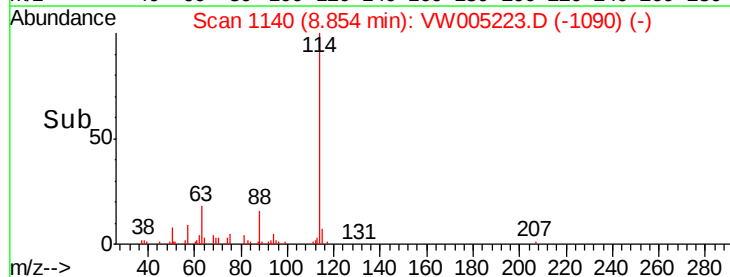
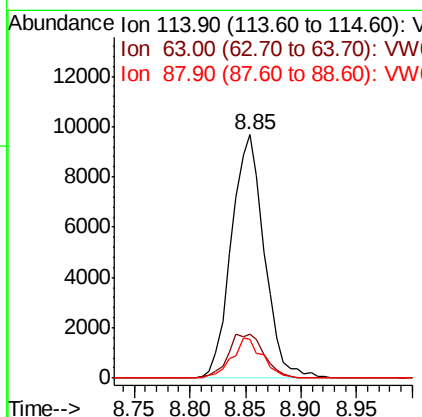
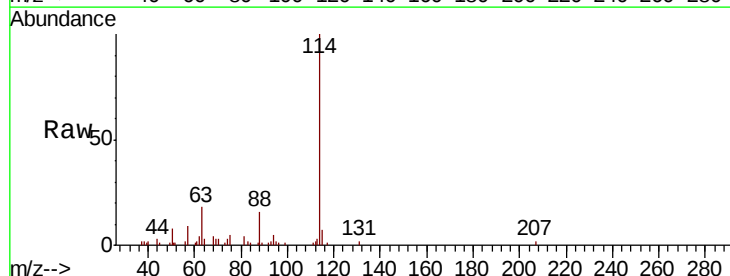
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 MSVOA_W
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 EP1-WS-COMP-17RE

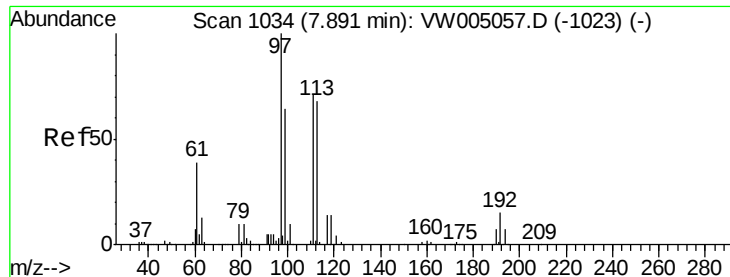
Tot Ion: 65 Resp: 6287
 Ion Ratio Lower Upper
 65 100
 67 57.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005223.D
 Acq: 07 Sep 2018 21:13

Tgt Ion: 114 Resp: 19799
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.0
 88 16.1 0.0 30.2

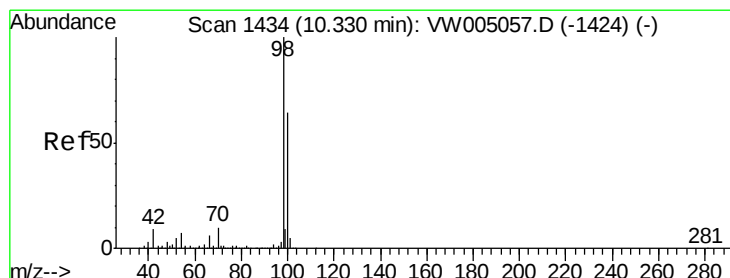
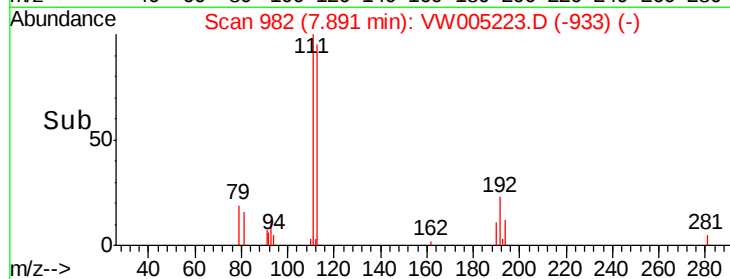
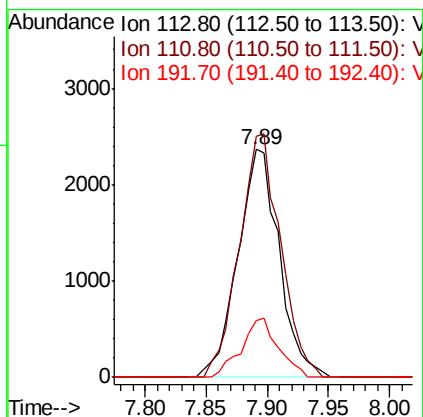
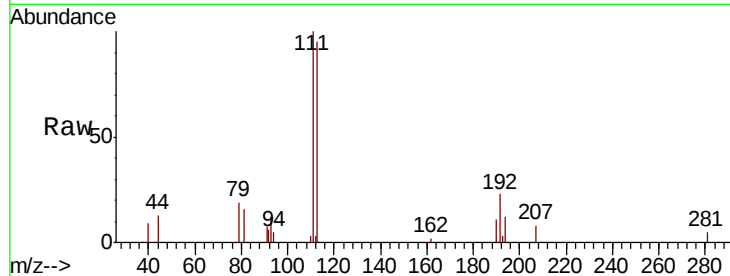




#35
Dibromofluoromethane
Concen: 48.52 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005223.D
Acq: 07 Sep 2018 21:13

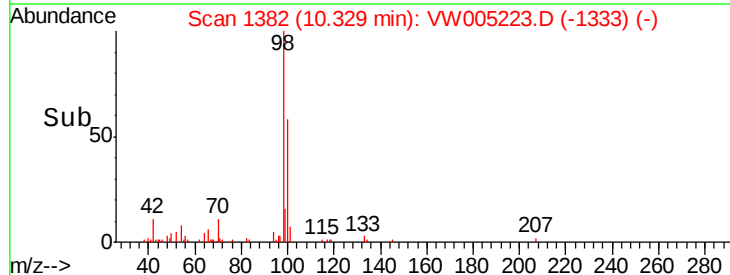
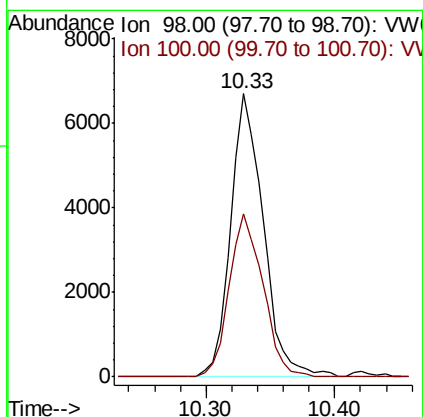
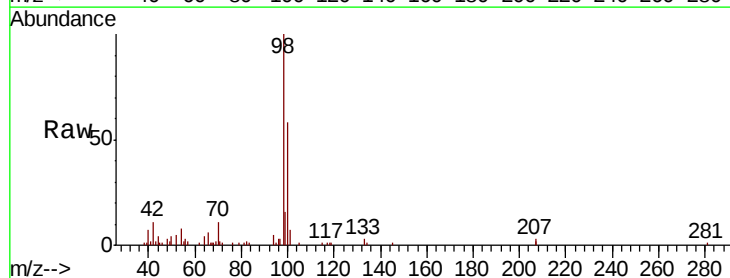
Instrument :
MSVOA_W
ClientSampleId :
EP1-WS-COMP-17RE

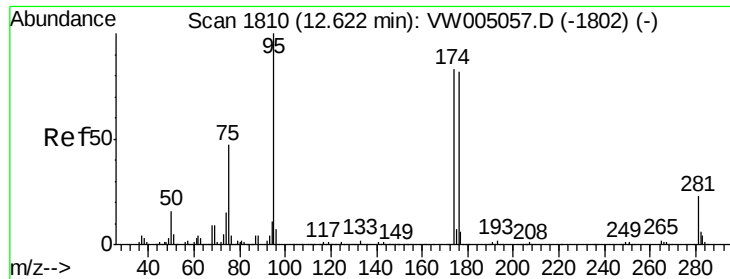
Tot Ion:113 Resp: 5551
Ion Ratio Lower Upper
113 100
111 106.6 82.2 123.2
192 23.0 18.1 27.1



#50
Toluene-d8
Concen: 22.43 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005223.D
Acq: 07 Sep 2018 21:13

Tgt Ion: 98 Resp: 11824
Ion Ratio Lower Upper
98 100
100 59.6 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 25.96 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005223.D

Acq: 07 Sep 2018 21:13

Instrument :

MSVOA_W

ClientSampleId :

EP1-WS-COMP-17RE

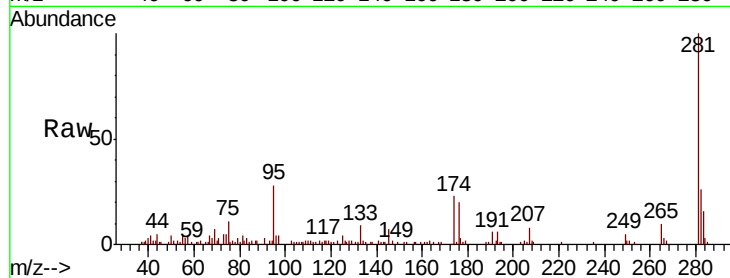
Tot Ion: 95 Resp: 4826

Ion Ratio Lower Upper

95 100

174 79.2 0.0 173.4

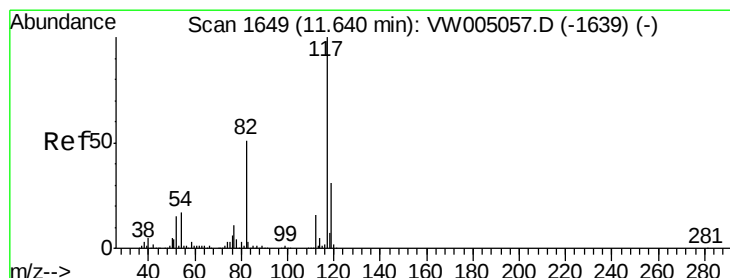
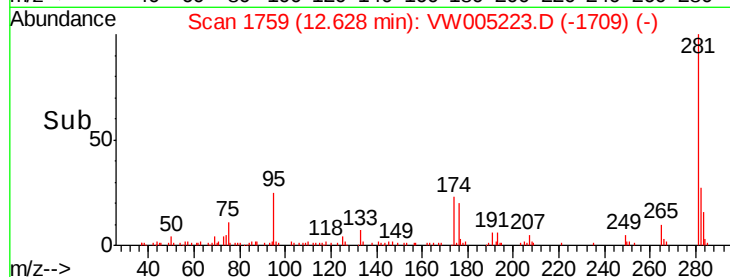
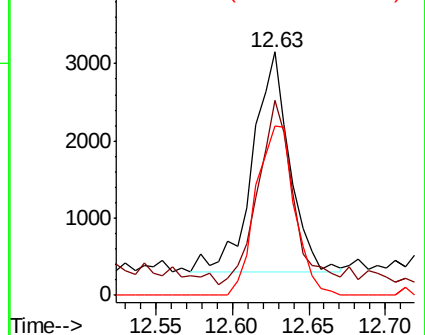
176 80.1 0.0 167.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005223.D

Acq: 07 Sep 2018 21:13

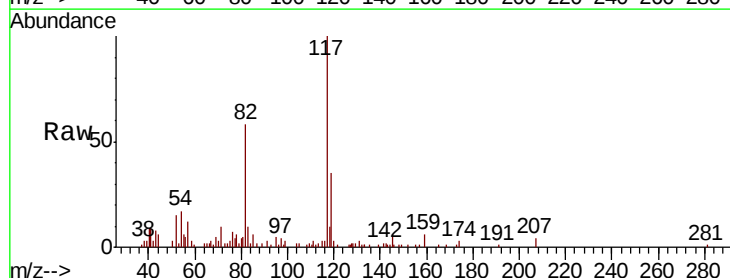
Tgt Ion: 117 Resp: 12986

Ion Ratio Lower Upper

117 100

82 58.6 40.9 61.3

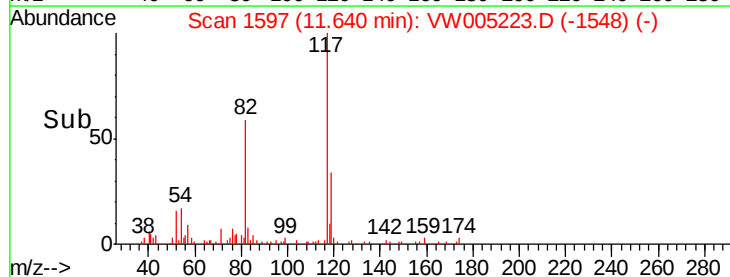
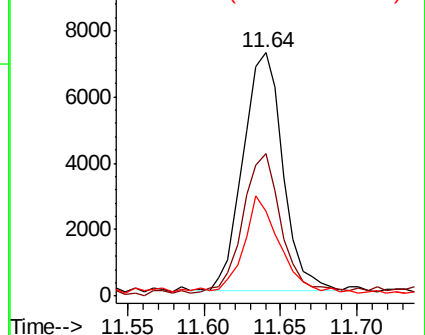
119 34.0 24.9 37.3

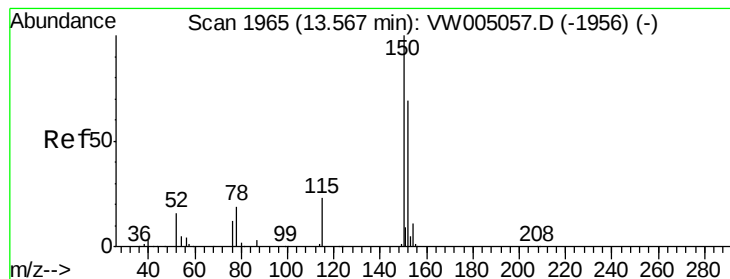


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005223.D

Acq: 07 Sep 2018 21:13

Instrument :

MSVOA_W

ClientSampleId :

EP1-WS-COMP-17RE

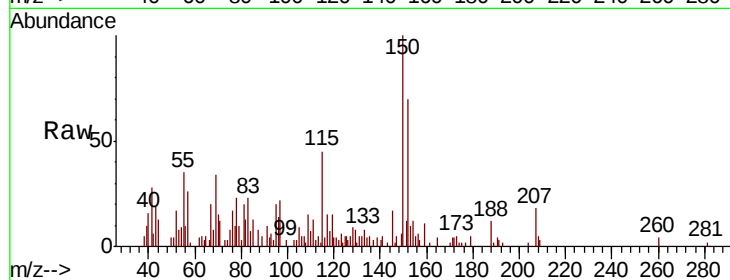
Tot Ion:152 Resp: 3332

Ion Ratio Lower Upper

152 100

115 68.2 27.8 83.4

150 152.3 0.0 351.4



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

