

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005617.D
 Acq On : 25 Sep 2018 17:53
 Operator : VA/AP
 Sample : J5066-07
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-F3

Quant Time: Sep 26 05:02:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	420178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	171721	55.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.74%	
35) Dibromofluoromethane	7.88	113	141425	53.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.04%	
50) Toluene-d8	10.33	98	428263	39.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.60%	
62) 4-Bromofluorobenzene	12.62	95	185912	46.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.40%	

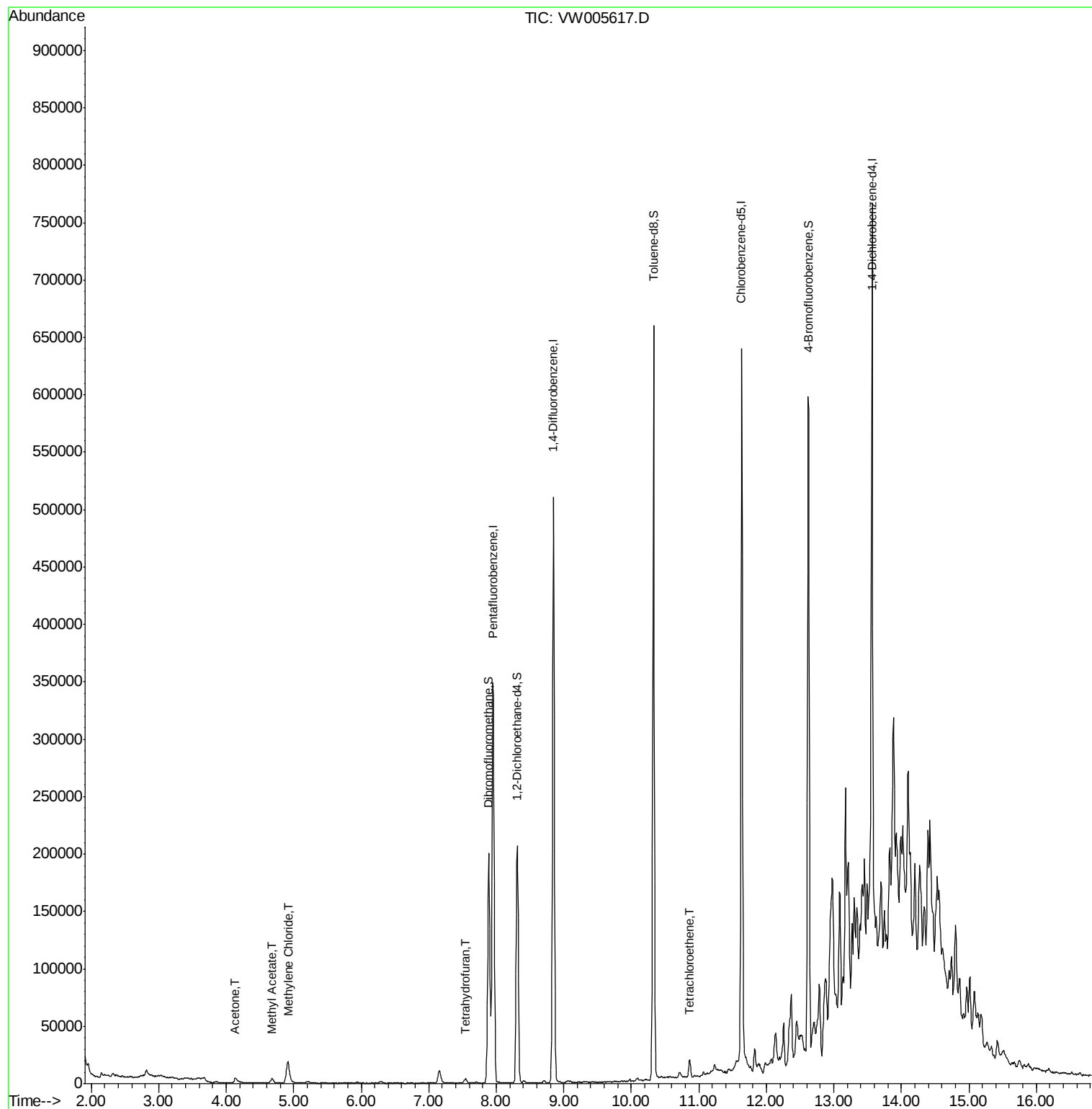
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	8557	8.597	ug/l	95
18) Methyl Acetate	4.68	43	7968	5.470	ug/l	91
20) Methylene Chloride	4.91	84	15682	1.970	ug/l	97
29) Tetrahydrofuran	7.54	42	3246	6.960	ug/l	93
64) Tetrachloroethene	10.87	164	3659	1.481	ug/l	87

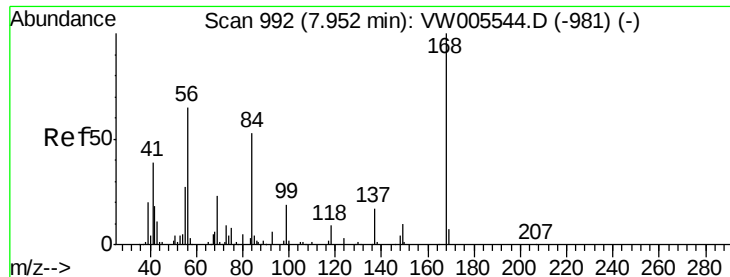
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005617.D

Acq: 25 Sep 2018 17:53

Instrument :

MSVOA_W

ClientSampleId :

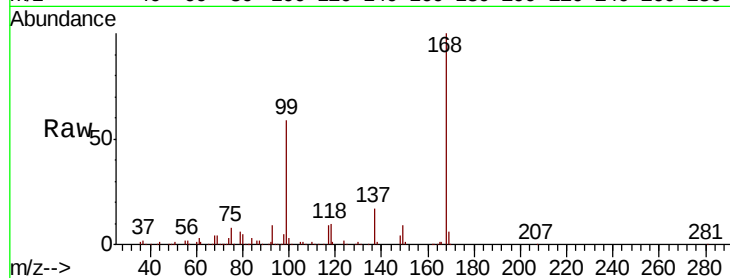
EP1-Q1-F3

Tot Ion:168 Resp: 260904

Ion Ratio Lower Upper

168 100

99 58.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

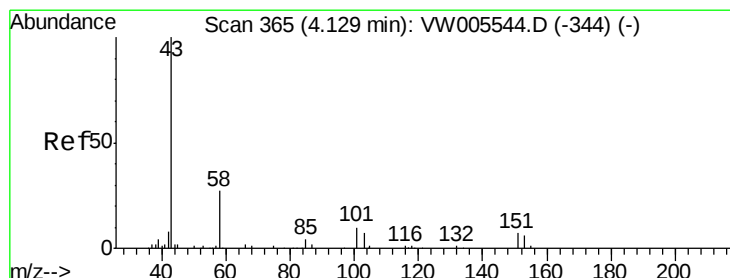
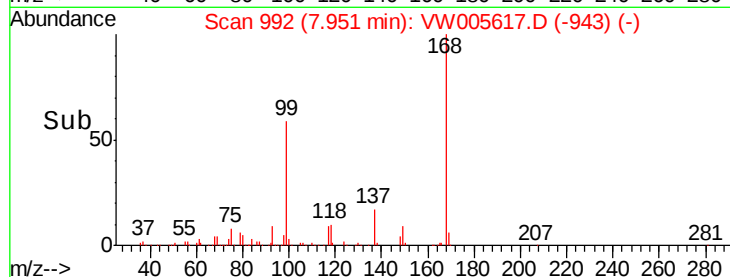
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 8.597 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005617.D

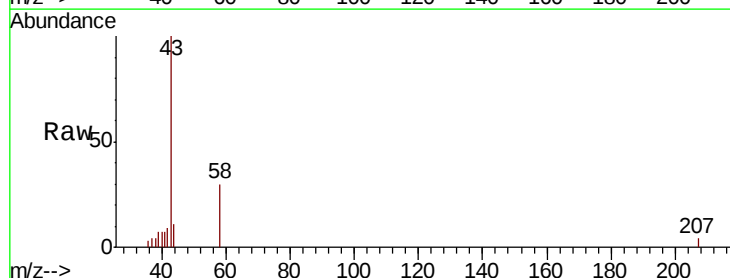
Acq: 25 Sep 2018 17:53

Tgt Ion: 43 Resp: 8557

Ion Ratio Lower Upper

43 100

58 30.1 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

3000

2500

2000

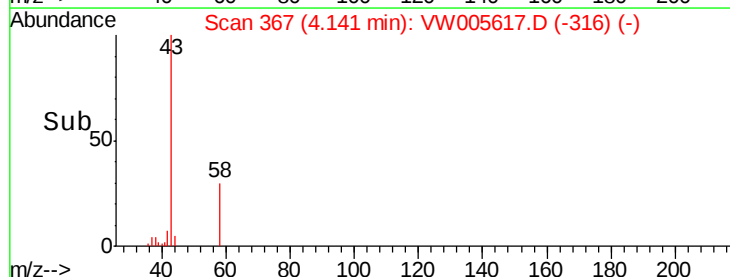
1500

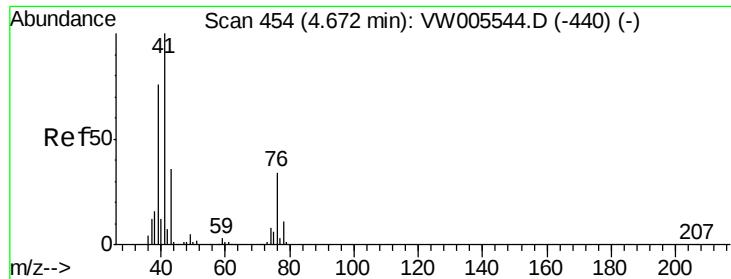
1000

500

0

Time-->

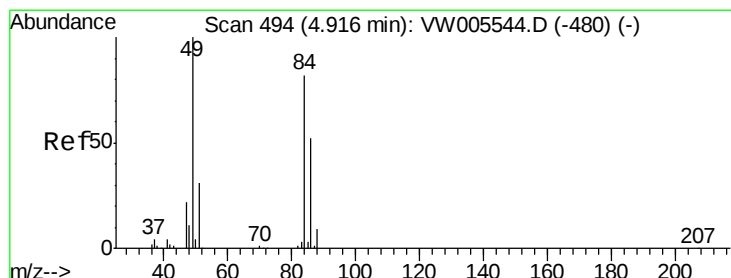
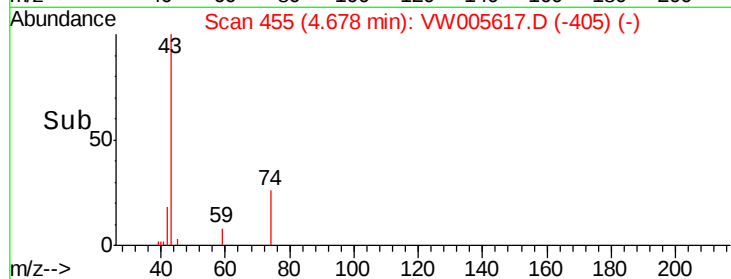
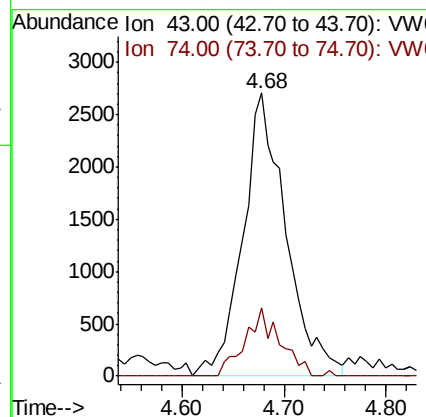
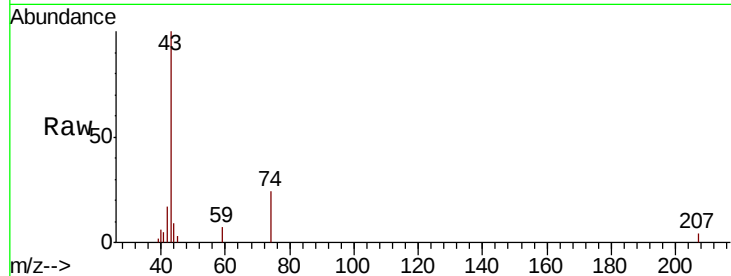




#18
Methyl Acetate
Concen: 5.470 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005617.D
Acq: 25 Sep 2018 17:53

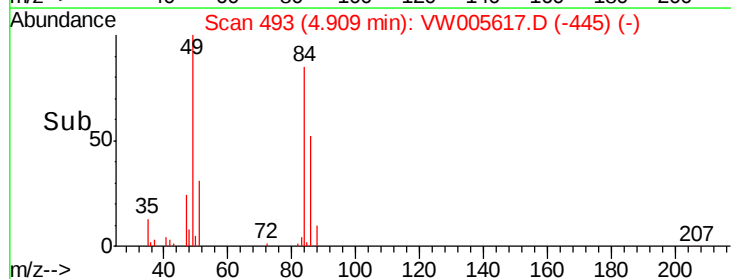
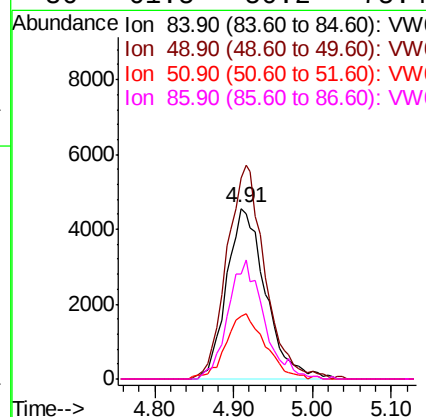
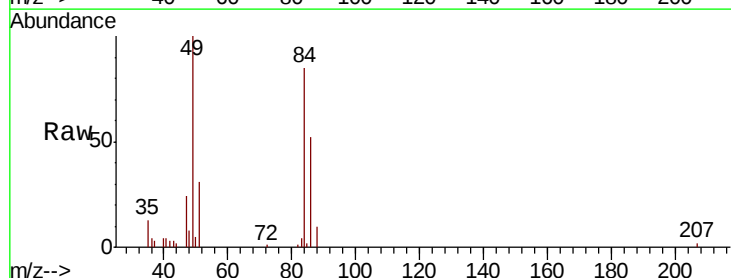
Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-F3

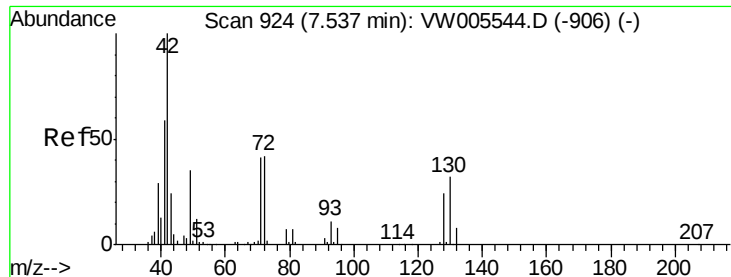
Tot Ion: 43 Resp: 7968
Ion Ratio Lower Upper
43 100
74 19.5 19.2 28.8



#20
Methylene Chloride
Concen: 1.970 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005617.D
Acq: 25 Sep 2018 17:53

Tgt Ion: 84 Resp: 15682
Ion Ratio Lower Upper
84 100
49 116.9 97.0 145.6
51 36.4 30.2 45.2
86 61.5 50.2 75.4





#29

Tetrahydrofuran

Concen: 6.960 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005617.D

Acq: 25 Sep 2018 17:53

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-F3

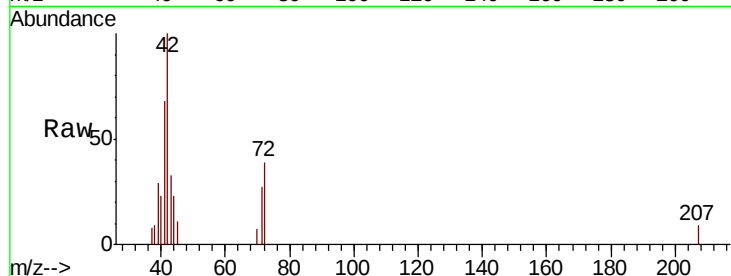
Tot Ion: 42 Resp: 3246

Ion Ratio Lower Upper

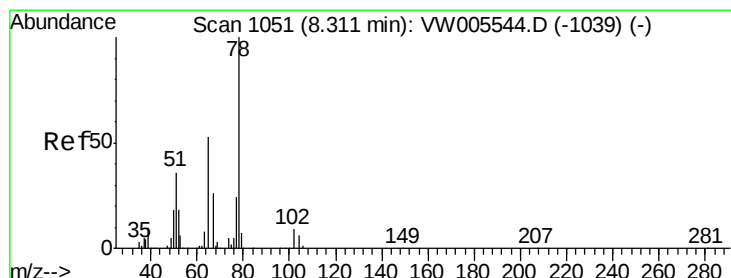
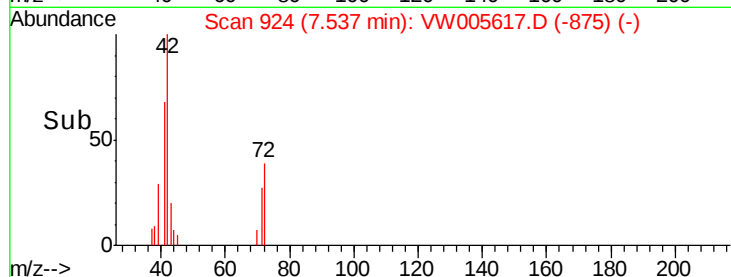
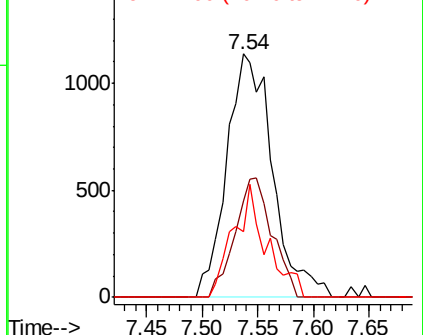
42 100

72 39.8 33.6 50.4

71 33.7 31.8 47.6



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.869 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005617.D

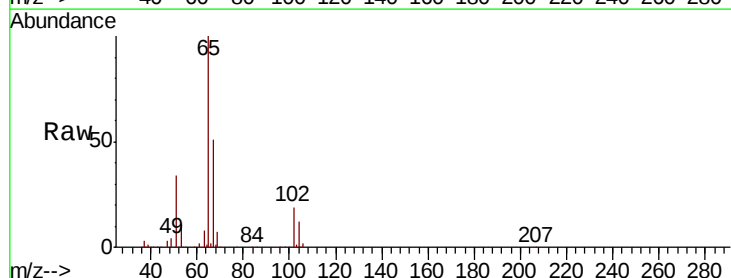
Acq: 25 Sep 2018 17:53

Tgt Ion: 65 Resp: 171721

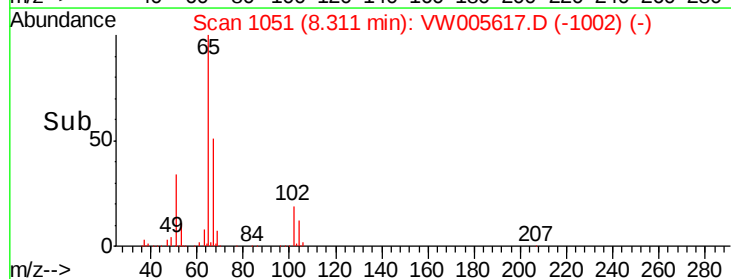
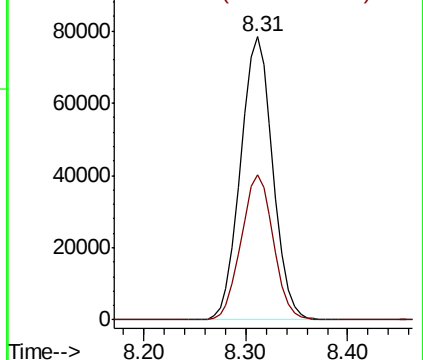
Ion Ratio Lower Upper

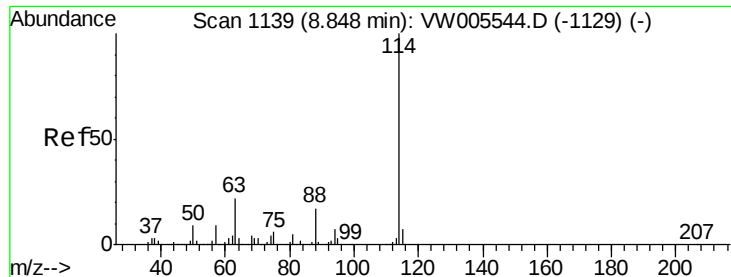
65 100

67 51.4 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

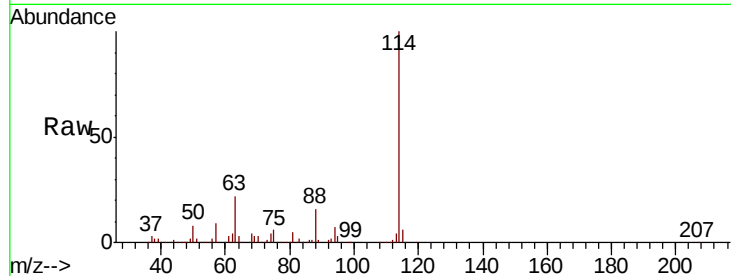




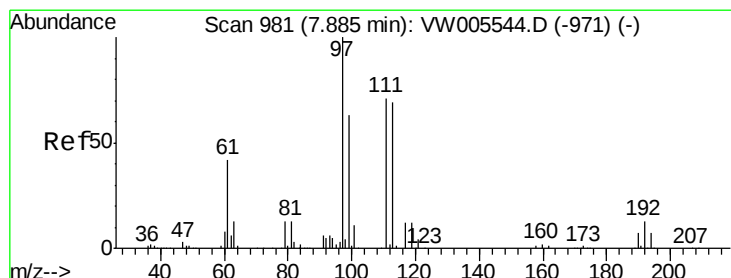
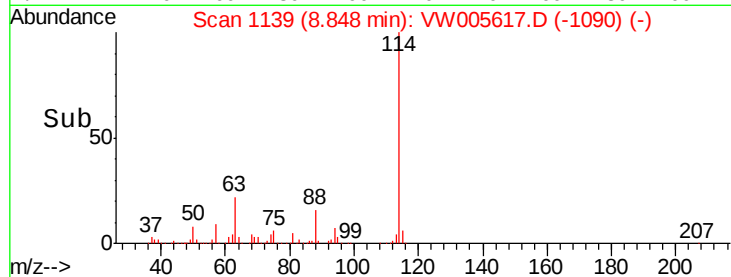
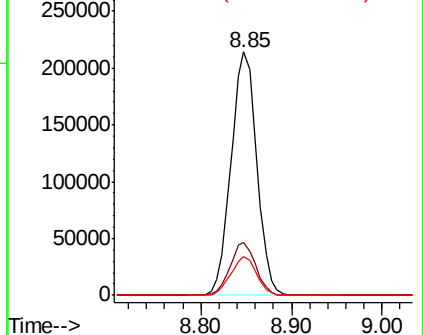
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005617.D
 Acq: 25 Sep 2018 17:53

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-F3

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.0
88	16.1	0.0	33.0

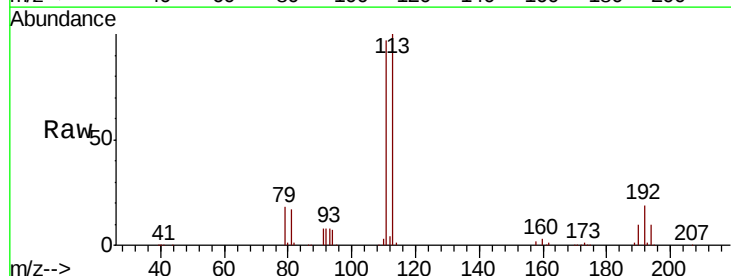


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

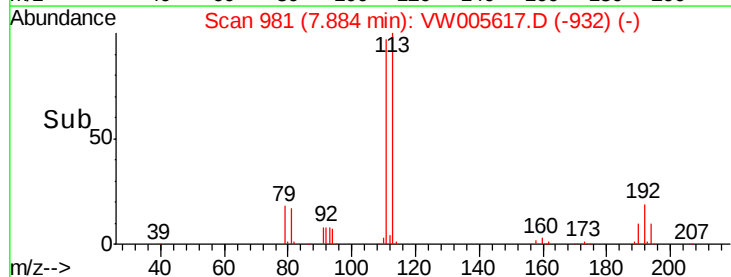
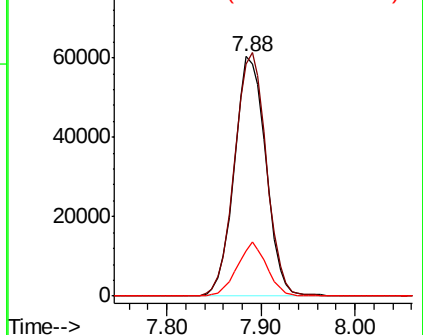


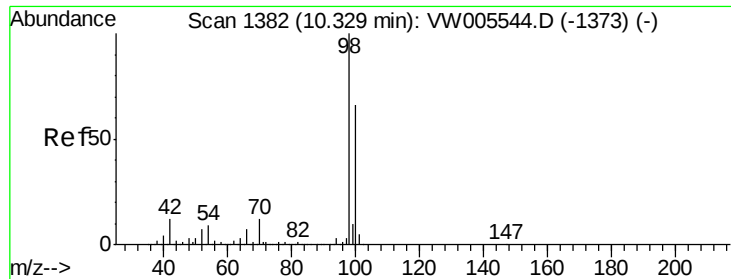
#35
 Dibromofluoromethane
 Concen: 53.523 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005617.D
 Acq: 25 Sep 2018 17:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	21.0	17.0	25.4



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: 39.805 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005617.D

Acq: 25 Sep 2018 17:53

Instrument :

MSVOA_W

ClientSampled :

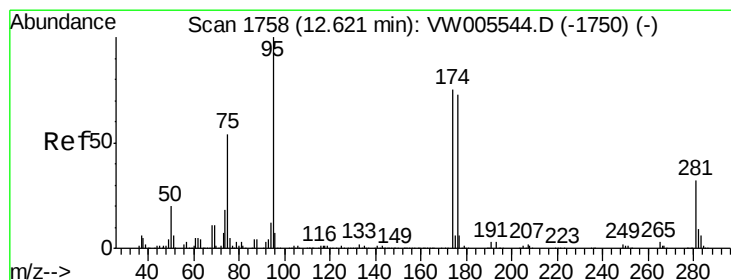
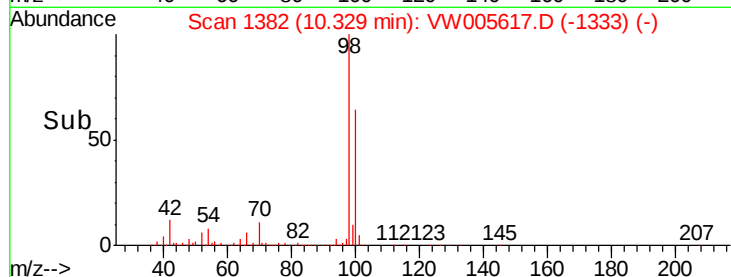
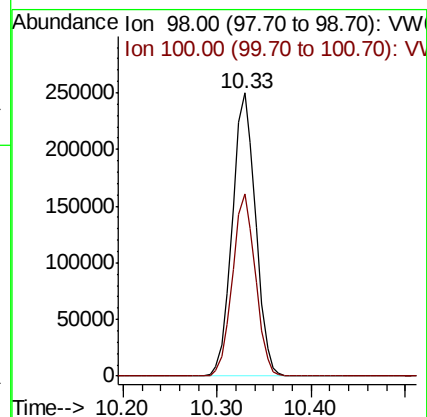
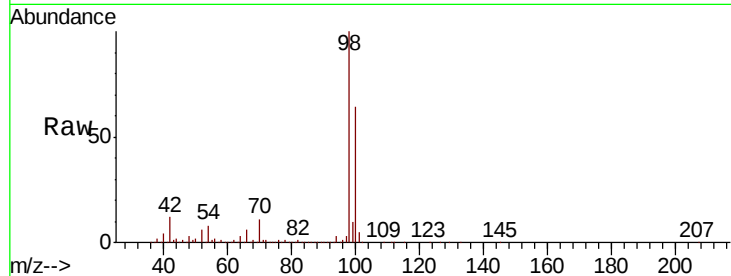
EP1-Q1-F3

Tot Ion: 98 Resp: 428263

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.699 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005617.D

Acq: 25 Sep 2018 17:53

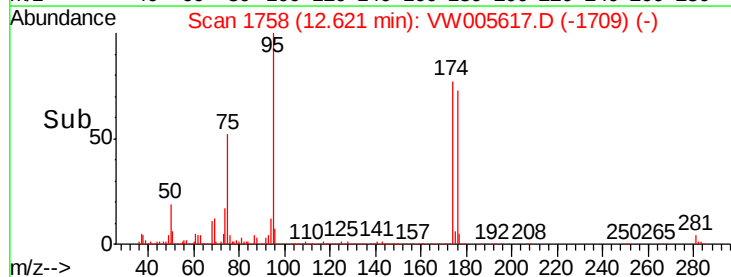
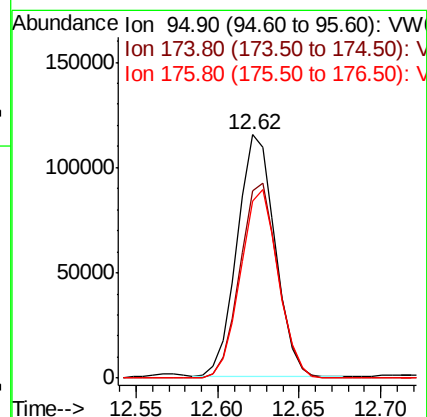
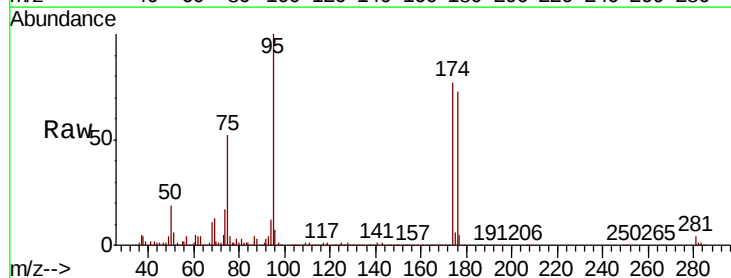
Tgt Ion: 95 Resp: 185912

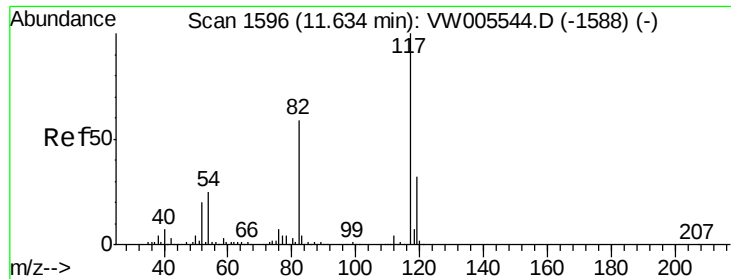
Ion Ratio Lower Upper

95 100

174 80.6 0.0 163.8

176 77.9 0.0 158.0

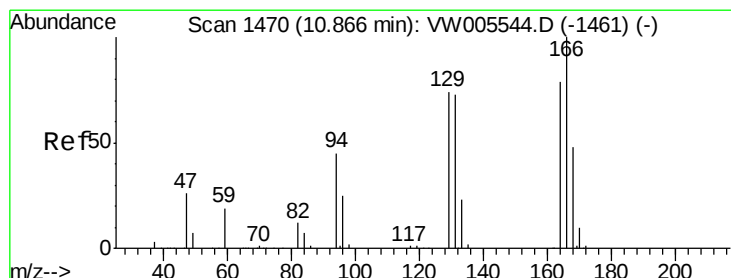
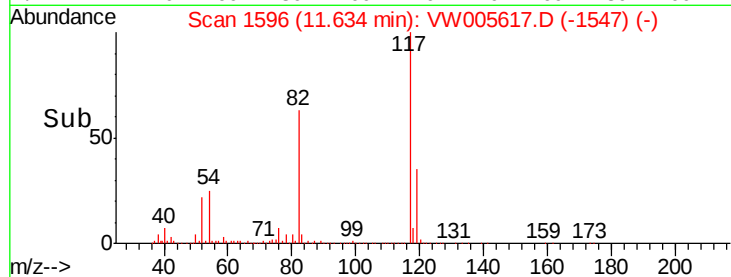
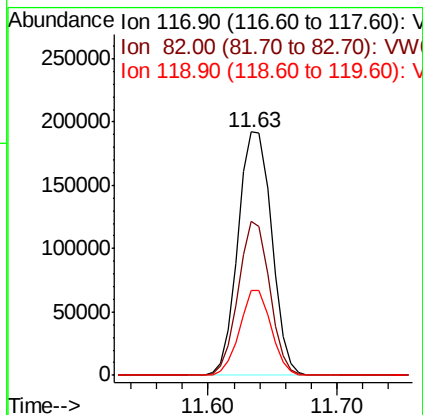
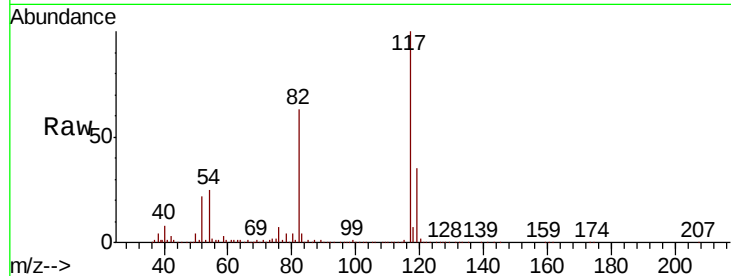




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005617.D
Acq: 25 Sep 2018 17:53

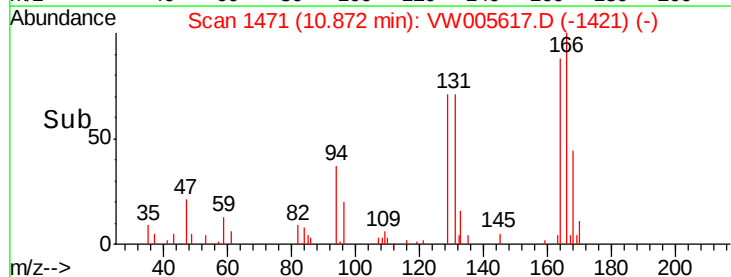
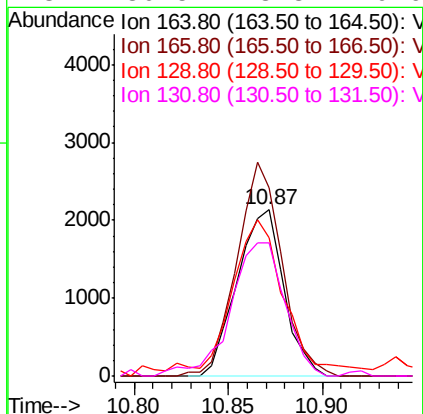
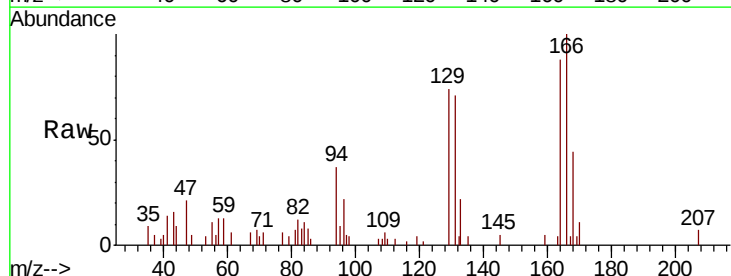
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-F3

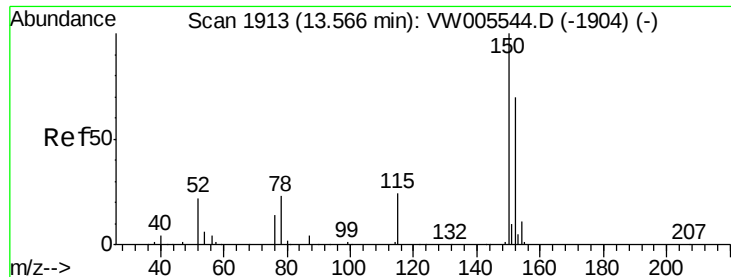
Tot Ion:117 Resp: 348065
Ion Ratio Lower Upper
117 100
82 63.4 46.9 70.3
119 35.0 25.7 38.5



#64
Tetrachloroethene
Concen: 1.481 ug/l
RT: 10.87 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VW005617.D
Acq: 25 Sep 2018 17:53

Tgt Ion:164 Resp: 3659
Ion Ratio Lower Upper
164 100
166 113.1 101.1 151.7
129 78.2 74.4 111.6
131 80.5 73.8 110.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005617.D

Acq: 25 Sep 2018 17:53

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-F3

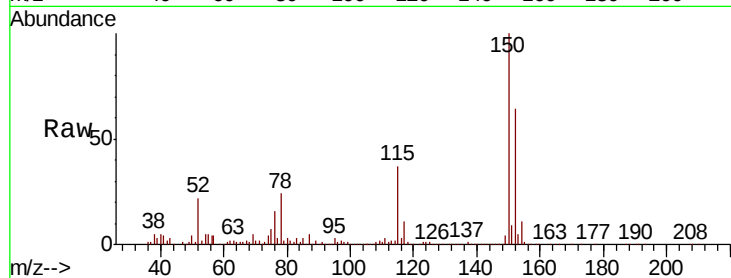
Tot Ion:152 Resp: 176515

Ion Ratio Lower Upper

152 100

115 57.2 30.0 90.0

150 150.5 0.0 348.6



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

