

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005177.D
 Acq On : 06 Sep 2018 20:58
 Operator : SY/AP
 Sample : J4825-17
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 07 01:27:33 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	415760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	641996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	486583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	303707	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	201815	58.56	ug/l	0.00
Spiked Amount			Recovery	=	117.12%	
35) Dibromofluoromethane	7.89	113	182543	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
50) Toluene-d8	10.33	98	493017	28.84	ug/l	0.00
Spiked Amount			Recovery	=	57.68%	
62) 4-Bromofluorobenzene	12.62	95	263279	43.68	ug/l	0.00
Spiked Amount			Recovery	=	87.36%	

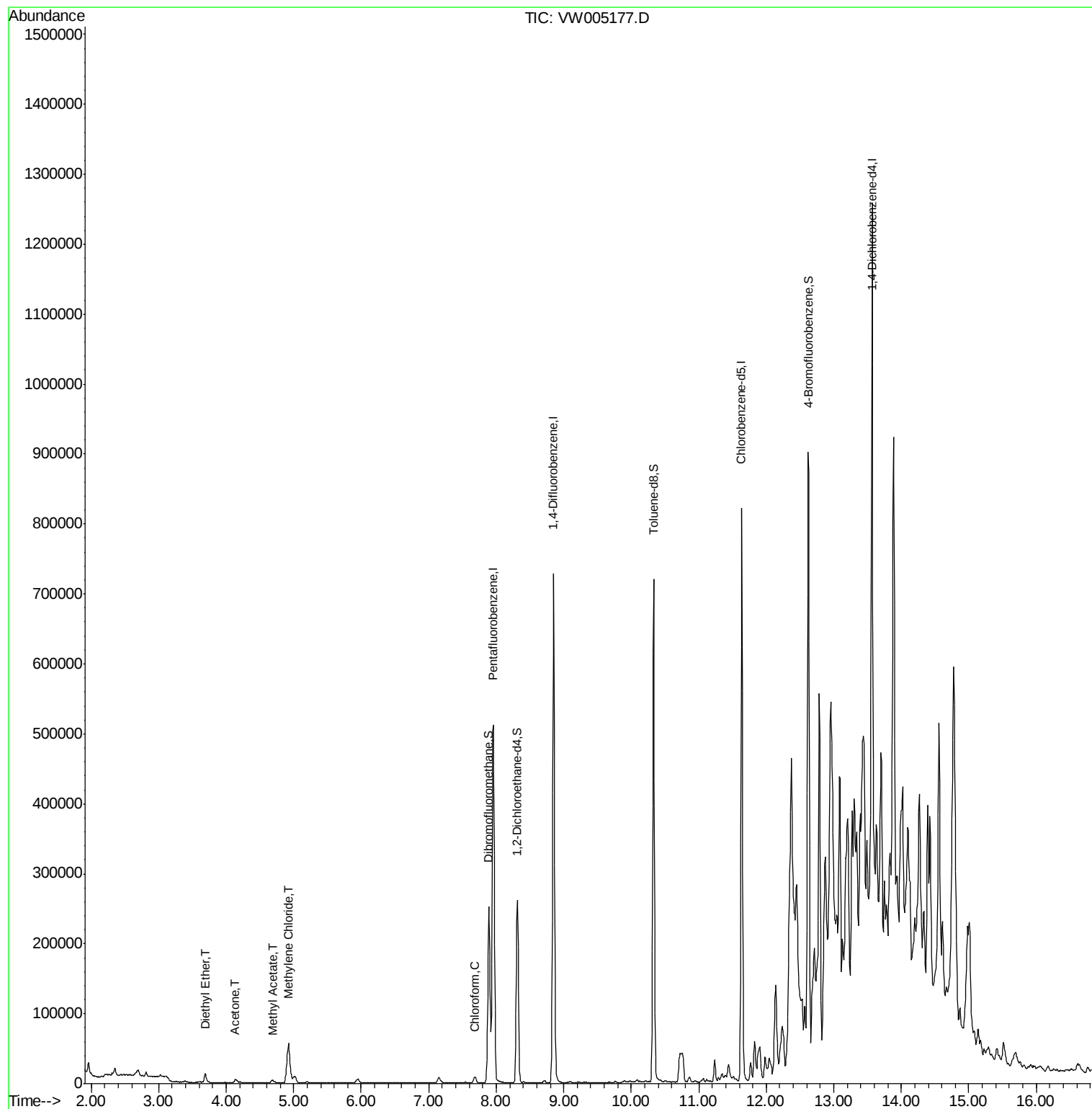
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	6730	3.50	ug/l	93
16) Acetone	4.14	43	9314	13.48	ug/l	92
18) Methyl Acetate	4.69	43	7788	3.83	ug/l	95
20) Methylene Chloride	4.92	84	46770	6.64	ug/l	99
30) Chloroform	7.68	83	7747	1.10	ug/l	97

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 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: VW005177.D

Acq: 06 Sep 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

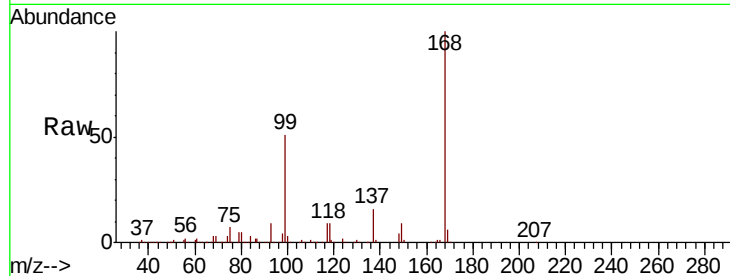
EP1-WS-COMP-17

Tot Ion:168 Resp: 415760

Ion Ratio Lower Upper

168 100

99 51.2 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

200000

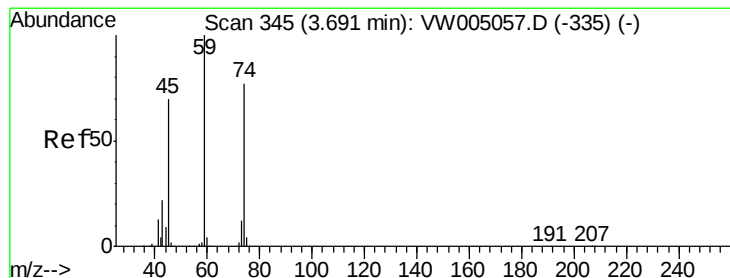
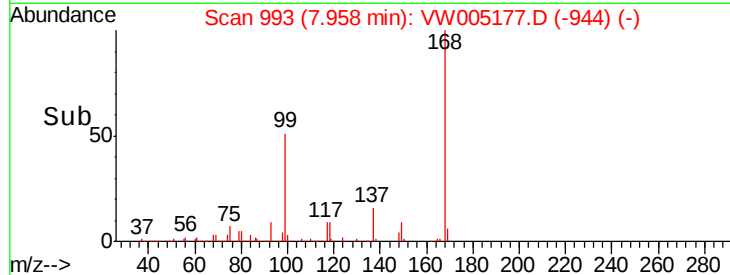
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 3.50 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005177.D

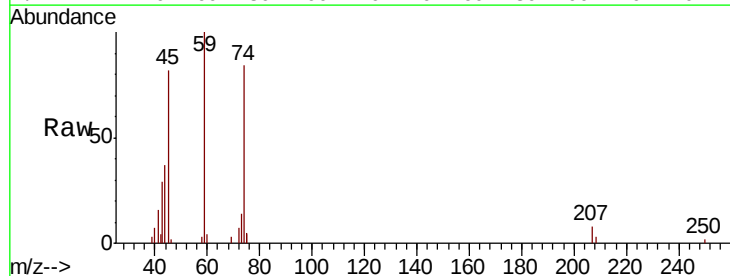
Acq: 06 Sep 2018 20:58

Tgt Ion: 74 Resp: 6730

Ion Ratio Lower Upper

74 100

45 98.4 46.0 137.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

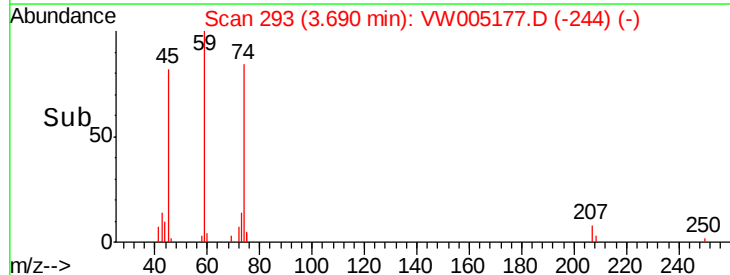
3000

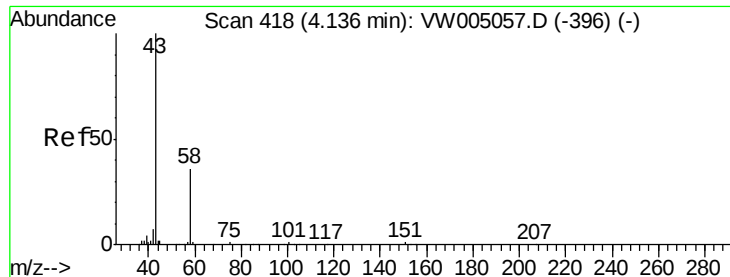
2000

1000

0

Time-->





#16

Acetone

Concen: 13.48 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005177.D

Acq: 06 Sep 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

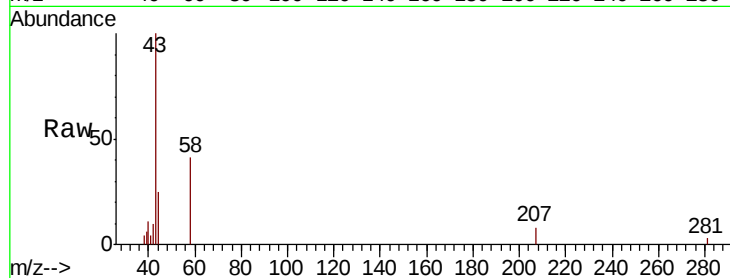
EP1-WS-COMP-17

Tot Ion: 43 Resp: 9314

Ion Ratio Lower Upper

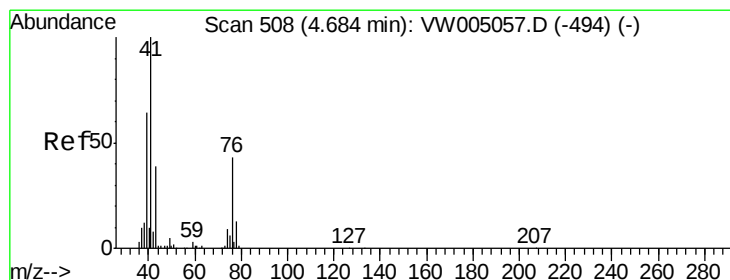
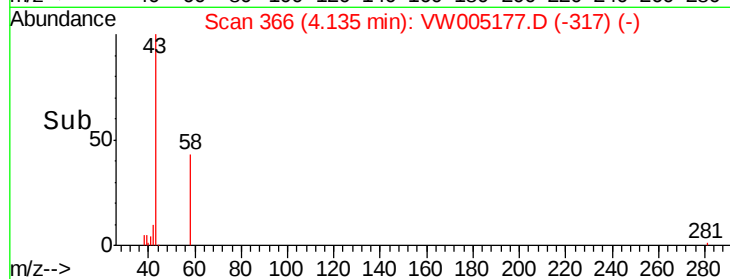
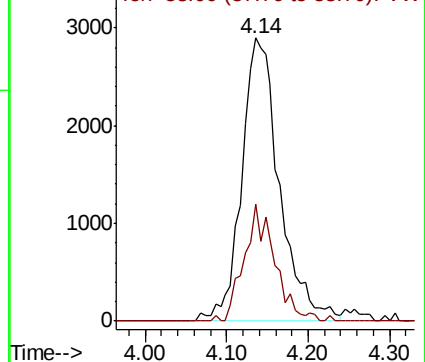
43 100

58 41.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 3.83 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005177.D

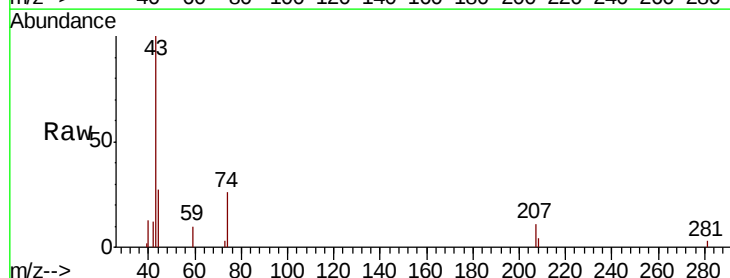
Acq: 06 Sep 2018 20:58

Tgt Ion: 43 Resp: 7788

Ion Ratio Lower Upper

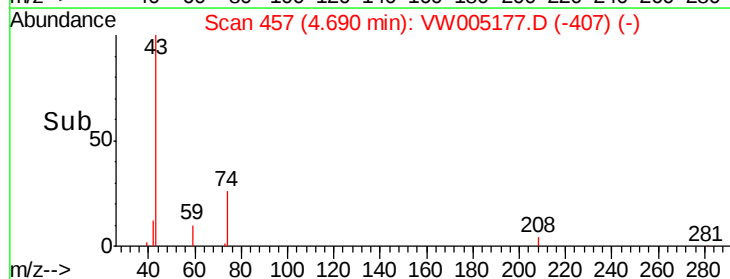
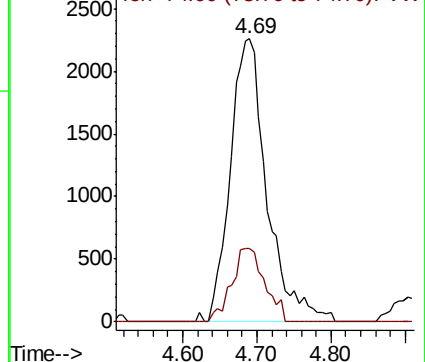
43 100

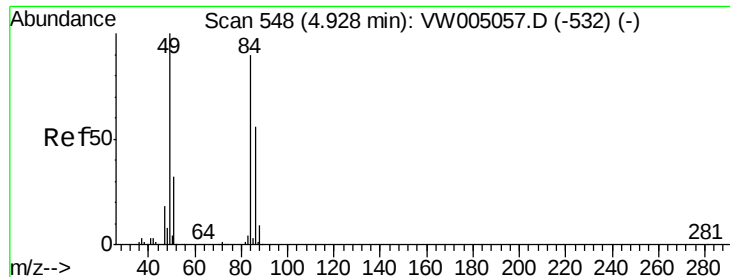
74 23.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 6.64 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005177.D

Acq: 06 Sep 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-WS-COMP-17

Tot Ion: 84 Resp: 46770

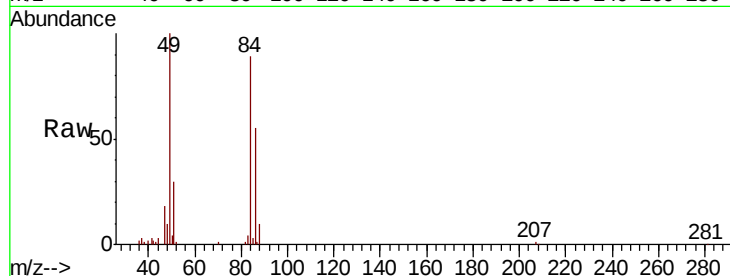
Ion Ratio Lower Upper

84 100

49 111.7 88.7 133.1

51 33.9 28.6 42.8

86 61.7 49.4 74.2



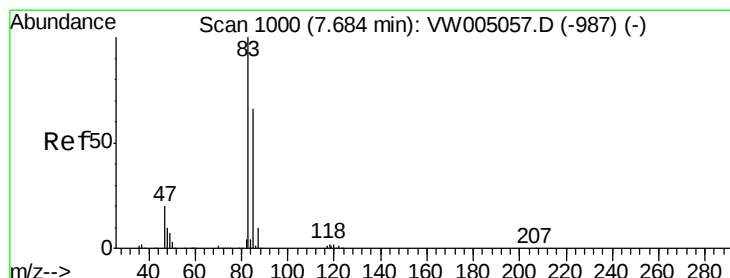
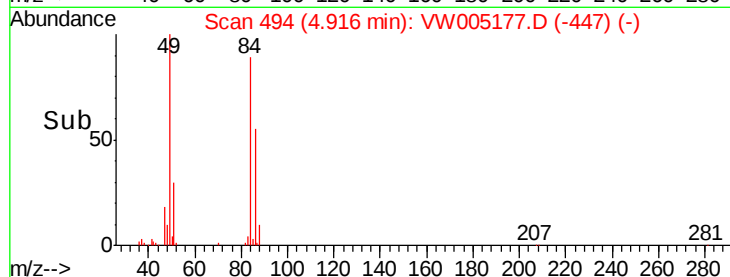
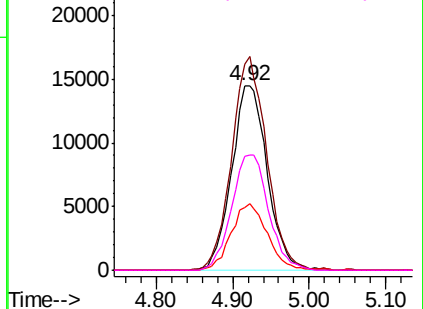
Abundance

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



#30

Chloroform

Concen: 1.10 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005177.D

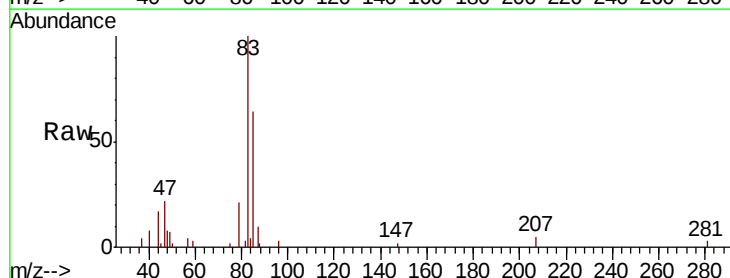
Acq: 06 Sep 2018 20:58

Tgt Ion: 83 Resp: 7747

Ion Ratio Lower Upper

83 100

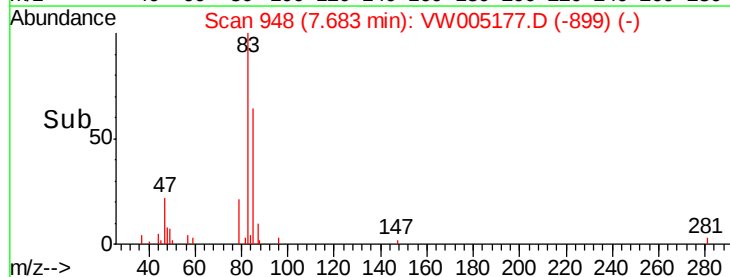
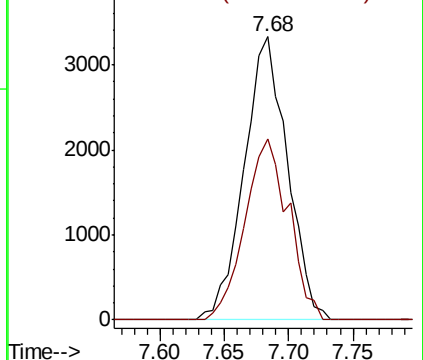
85 63.9 53.1 79.7

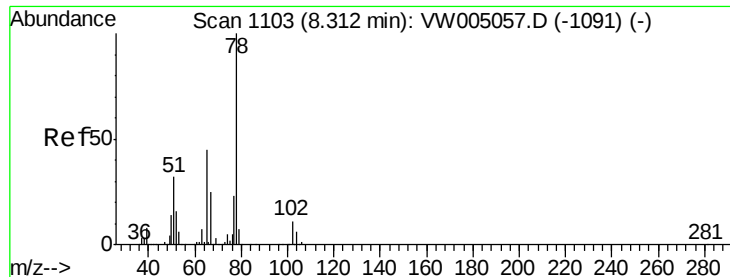


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

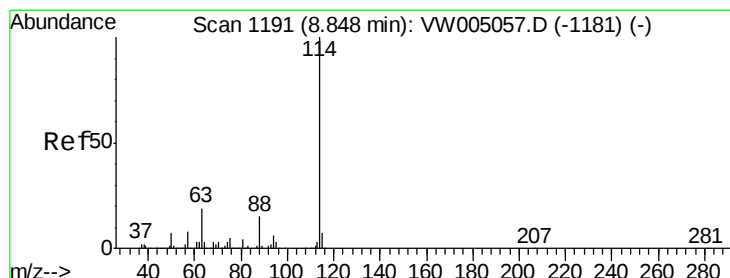
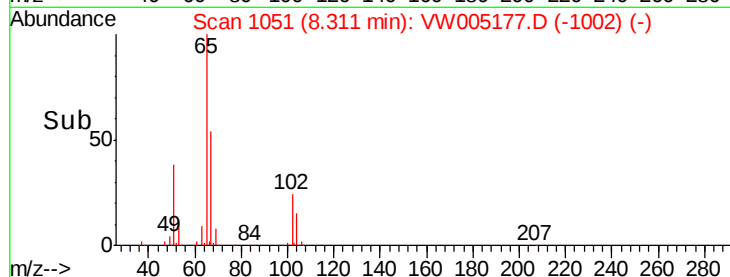
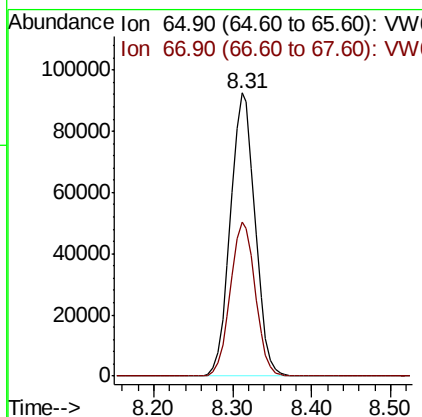
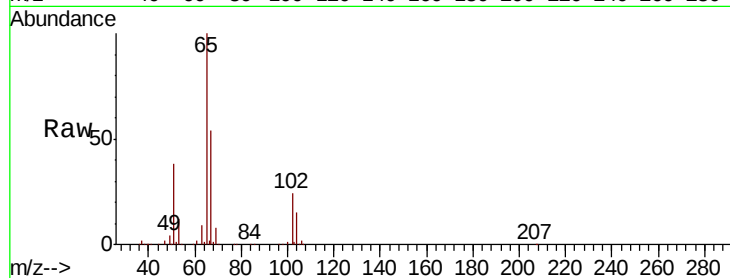




#33
 1,2-Dichloroethane-d4
 Concen: 58.56 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005177.D
 Acq: 06 Sep 2018 20:58

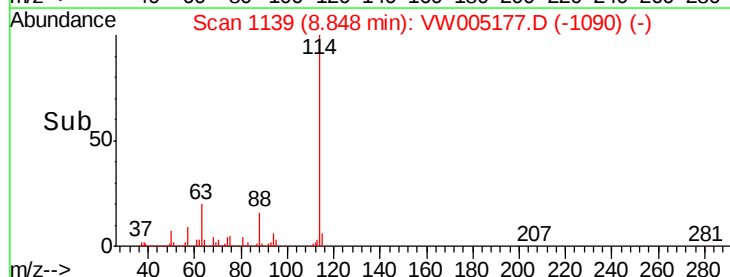
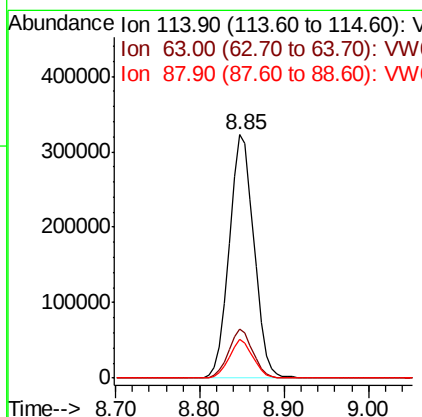
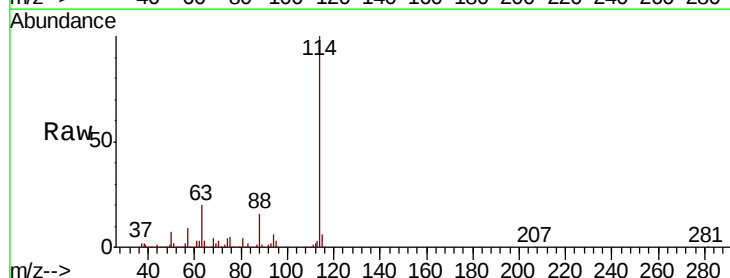
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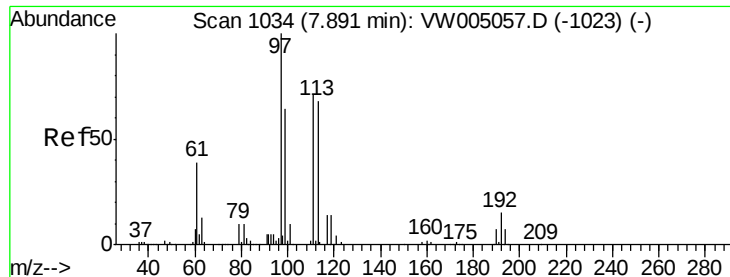
Tot Ion: 65 Resp: 201815
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005177.D
 Acq: 06 Sep 2018 20:58

Tgt Ion: 114 Resp: 641996
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 15.8 0.0 30.2

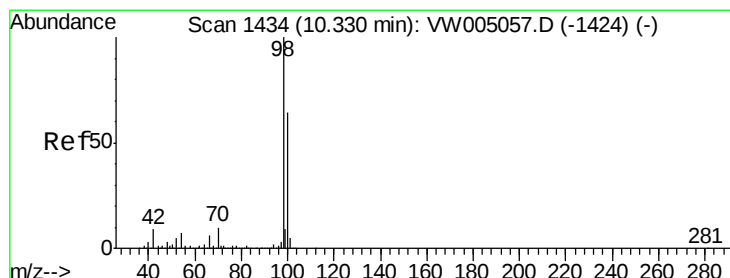
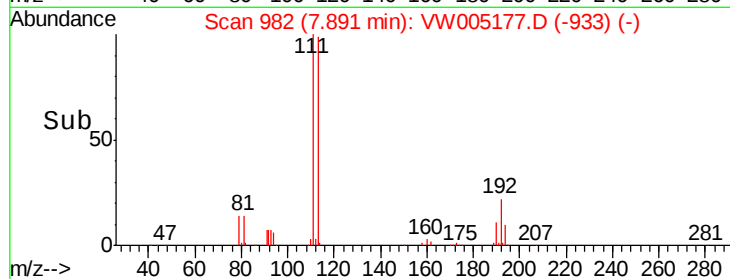
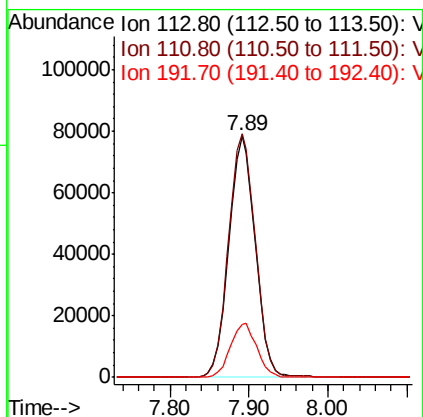
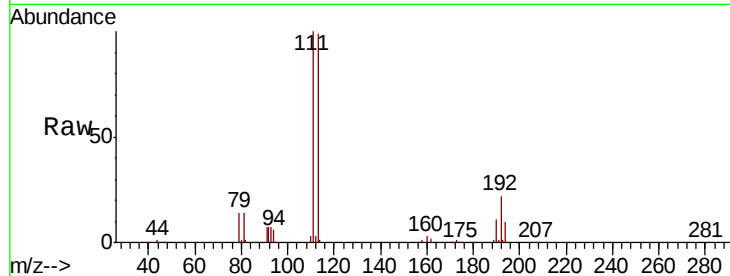




#35
Dibromofluoromethane
Concen: 49.20 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005177.D
Acq: 06 Sep 2018 20:58

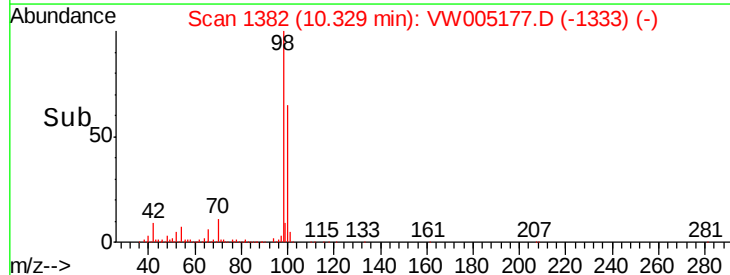
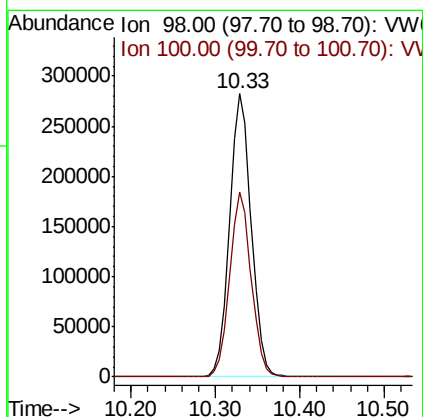
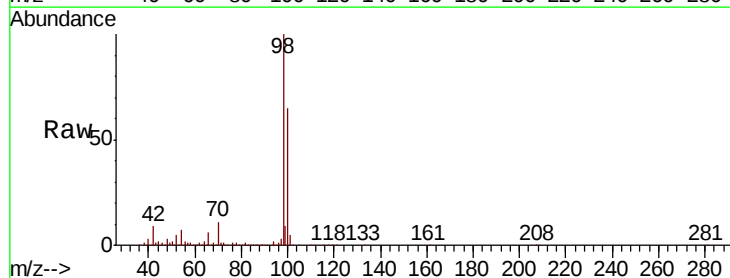
Instrument :
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EP1-WS-COMP-17

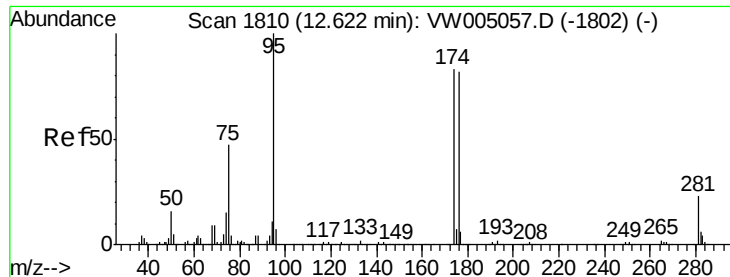
Tot Ion:113 Resp: 182543
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 22.3 18.1 27.1



#50
Toluene-d8
Concen: 28.84 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005177.D
Acq: 06 Sep 2018 20:58

Tgt Ion: 98 Resp: 493017
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

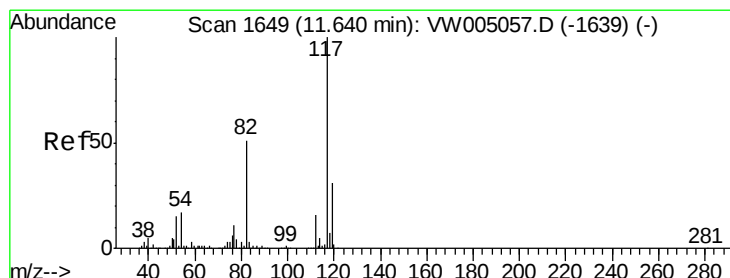
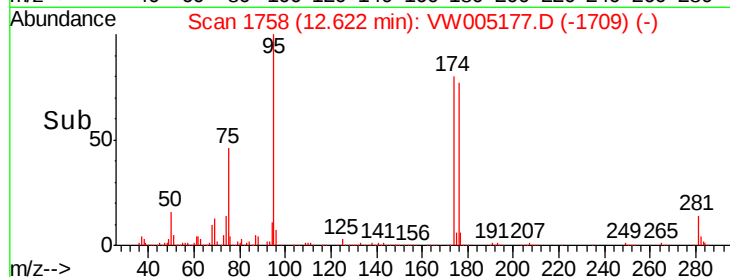
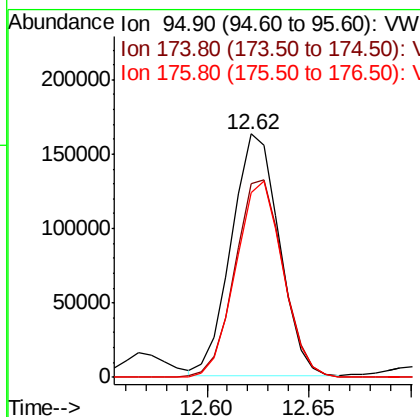
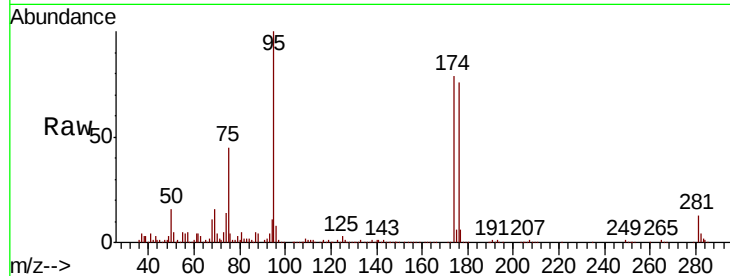




#62
4-Bromofluorobenzene
Concen: 43.68 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005177.D
Acq: 06 Sep 2018 20:58

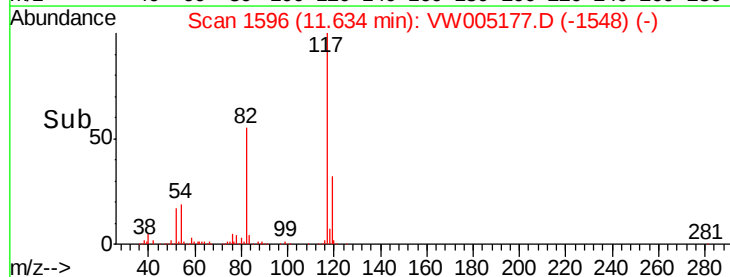
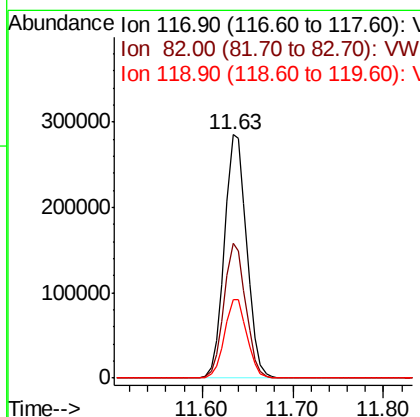
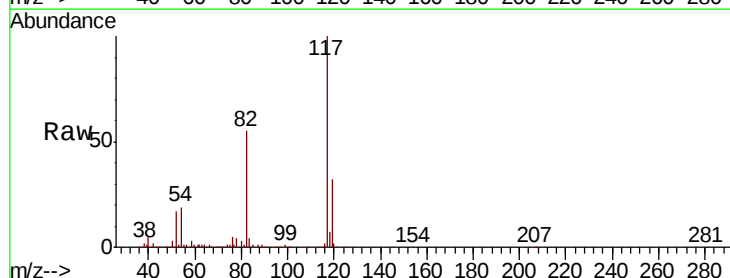
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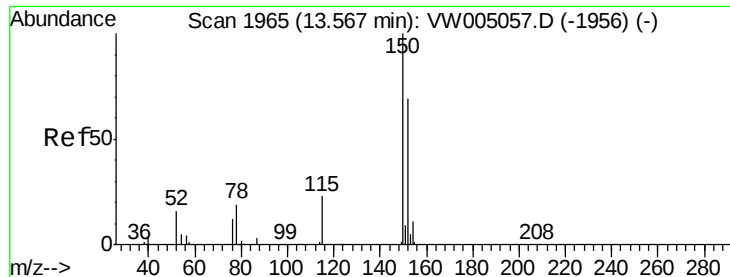
Tot Ion: 95 Resp: 263279
Ion Ratio Lower Upper
95 100
174 82.8 0.0 173.4
176 80.7 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005177.D
Acq: 06 Sep 2018 20:58

Tgt Ion: 117 Resp: 486583
Ion Ratio Lower Upper
117 100
82 55.1 40.9 61.3
119 32.2 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005177.D

Acq: 06 Sep 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-WS-COMP-17

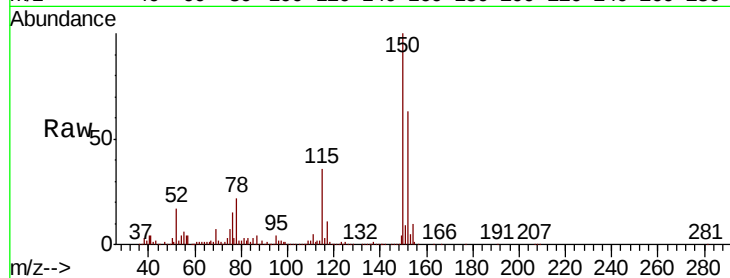
Tot Ion:152 Resp: 303707

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

150 152.6 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

