

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005224.D
 Acq On : 07 Sep 2018 21:39
 Operator : SY/AP
 Sample : J4825-18
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-WS-COMP-18

Quant Time: Sep 10 12:12:43 2018
 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

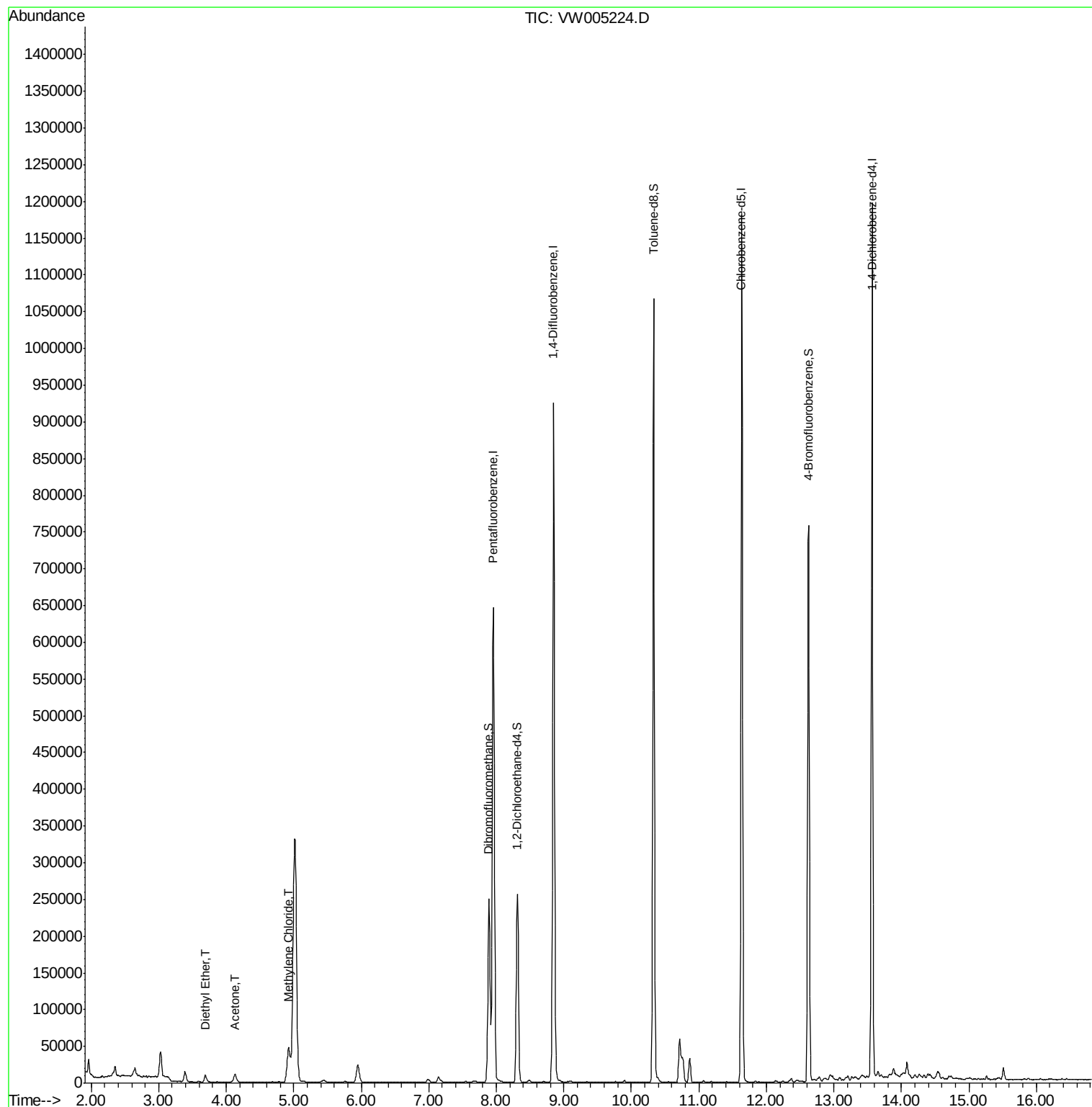
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	519361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	817612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	728097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	330890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	198348	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
35) Dibromofluoromethane	7.89	113	181627	38.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.88%	
50) Toluene-d8	10.33	98	727779	33.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.86%	
62) 4-Bromofluorobenzene	12.62	95	248677	32.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.78%	
Target Compounds						
8) Diethyl Ether	3.69	74	4973	2.07	ug/l	92
16) Acetone	4.13	43	19140	22.17	ug/l	94
20) Methylene Chloride	4.93	84	38149	2.87	ug/l	98

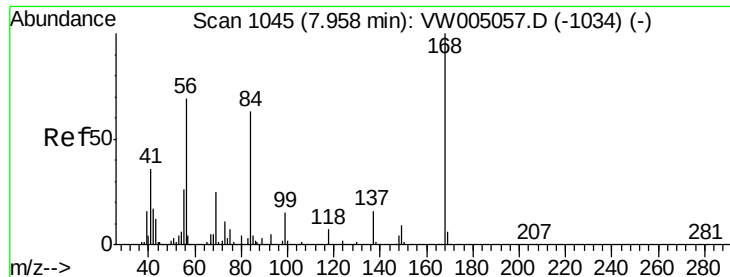
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005224.D

Acq: 07 Sep 2018 21:39

Instrument :

MSVOA_W

ClientSampleId :

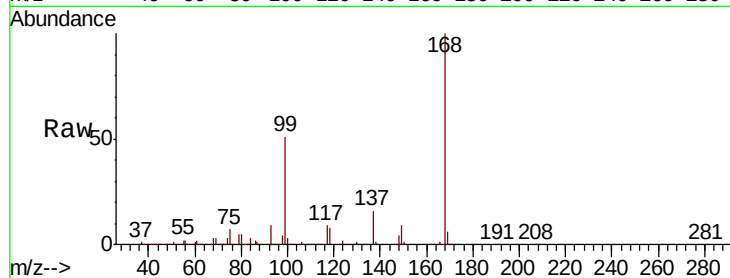
EP1-WS-COMP-18

Tot Ion:168 Resp: 519361

Ion Ratio Lower Upper

168 100

99 51.0 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

250000

200000

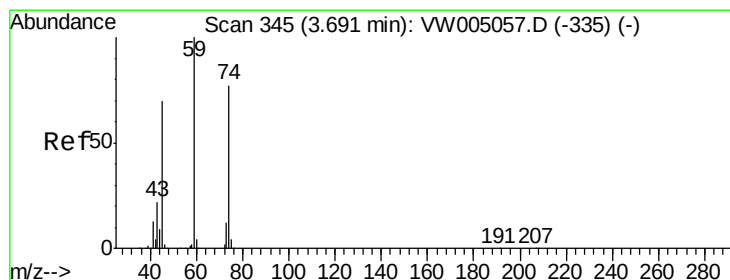
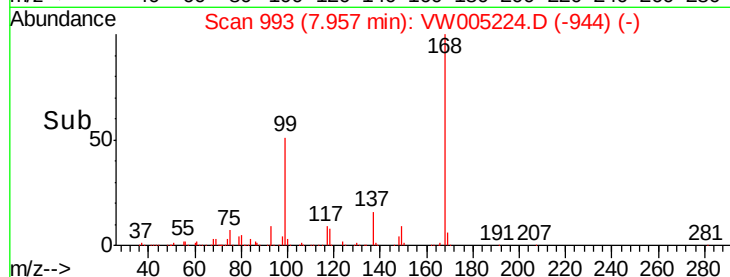
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.07 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005224.D

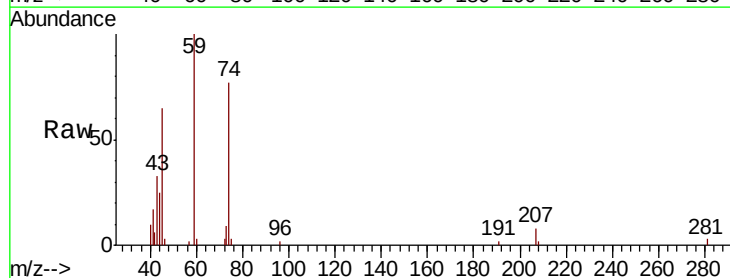
Acq: 07 Sep 2018 21:39

Tgt Ion: 74 Resp: 4973

Ion Ratio Lower Upper

74 100

45 99.2 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

2500

2000

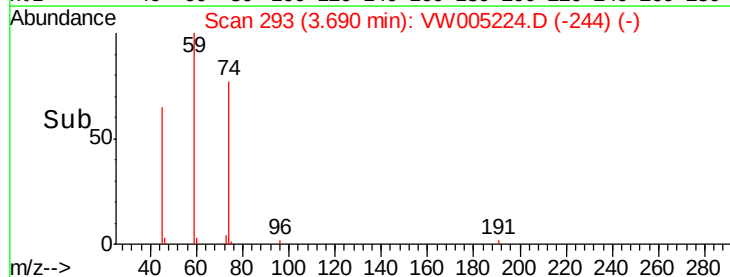
1500

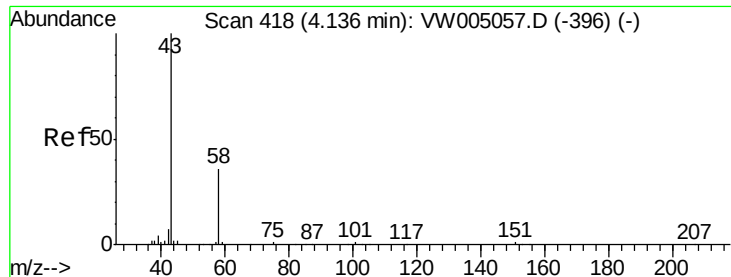
1000

500

0

Time-->





#16

Acetone

Concen: 22.17 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005224.D

Acq: 07 Sep 2018 21:39

Instrument :

MSVOA_W

ClientSampleId :

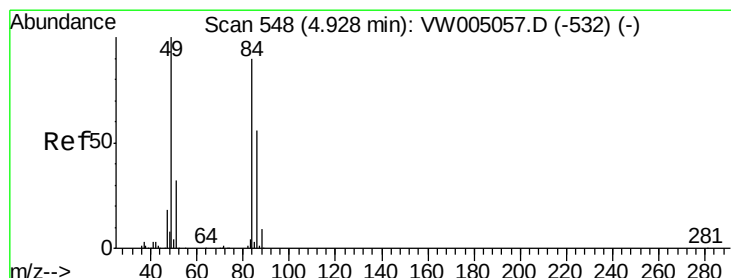
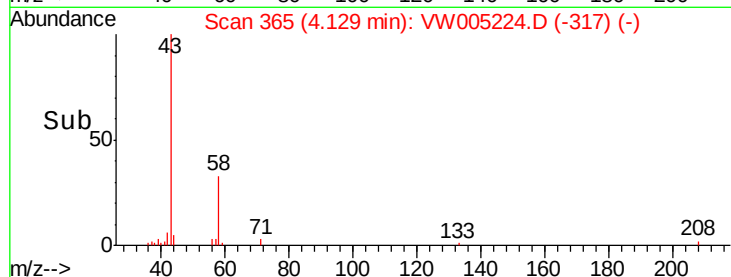
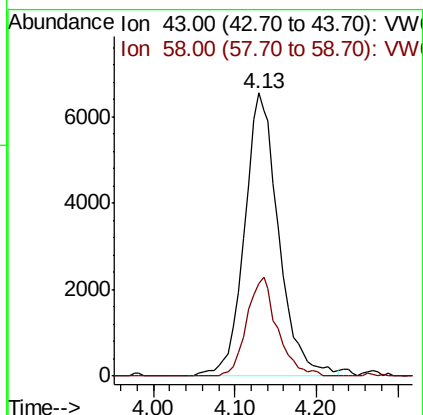
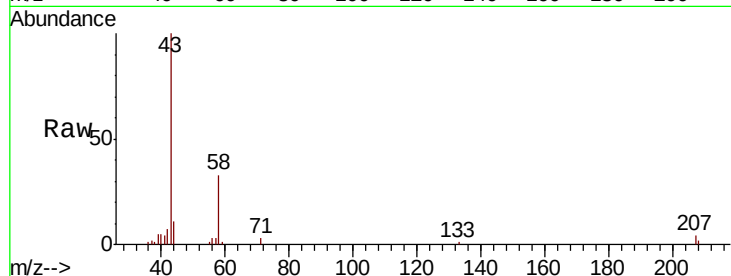
EP1-WS-COMP-18

Tot Ion: 43 Resp: 19140

Ion Ratio Lower Upper

43 100

58 32.7 29.0 43.6



#20

Methylene Chloride

Concen: 2.87 ug/l

RT: 4.93 min Scan# 496

Delta R.T. -0.00 min

Lab File: VW005224.D

Acq: 07 Sep 2018 21:39

Tgt Ion: 84 Resp: 38149

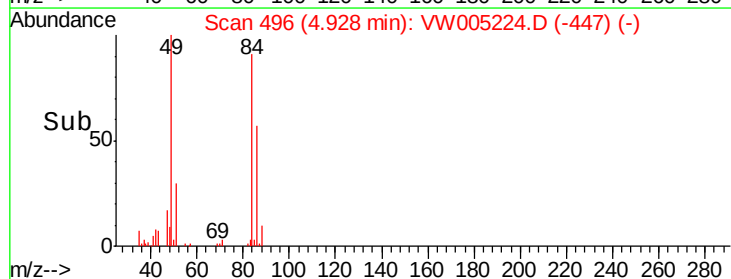
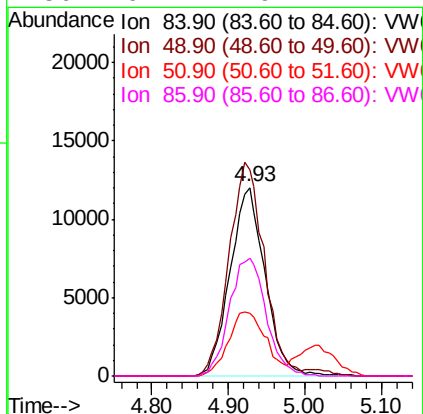
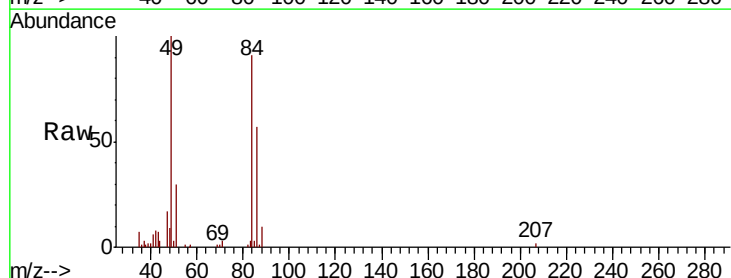
Ion Ratio Lower Upper

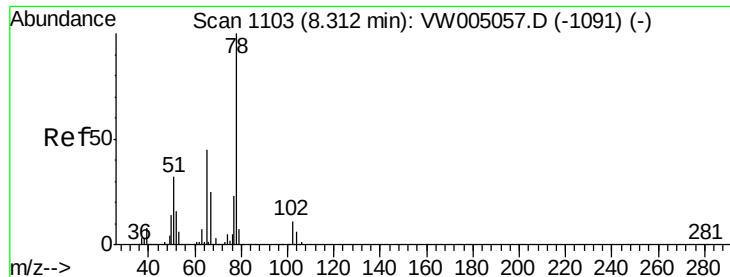
84 100

49 109.8 88.7 133.1

51 33.1 28.6 42.8

86 62.4 49.4 74.2

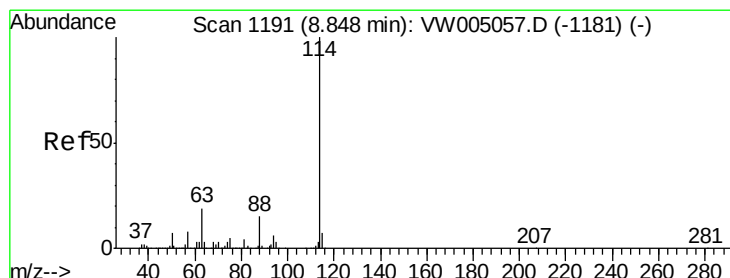
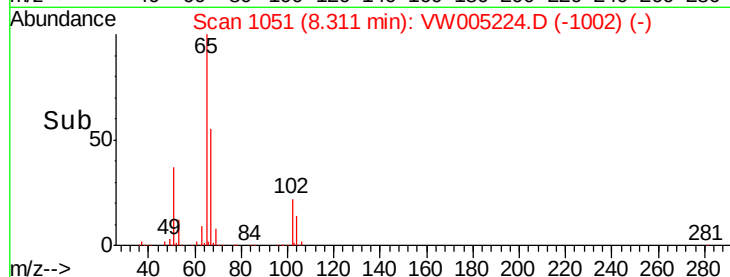
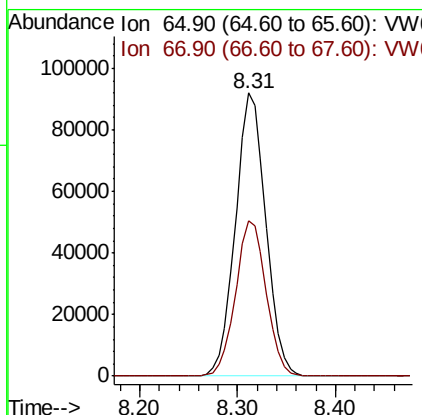
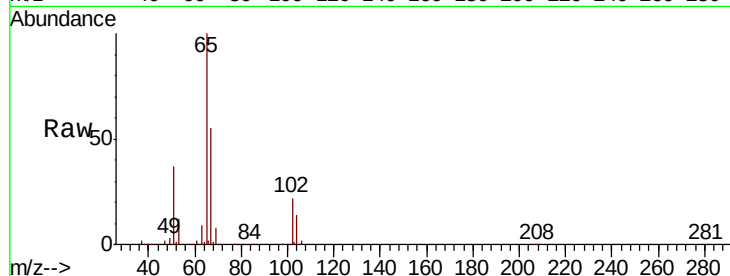




#33
 1,2-Dichloroethane-d4
 Concen: 46.07 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005224.D
 Acq: 07 Sep 2018 21:39

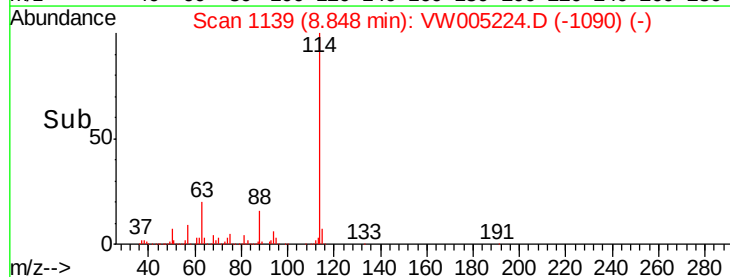
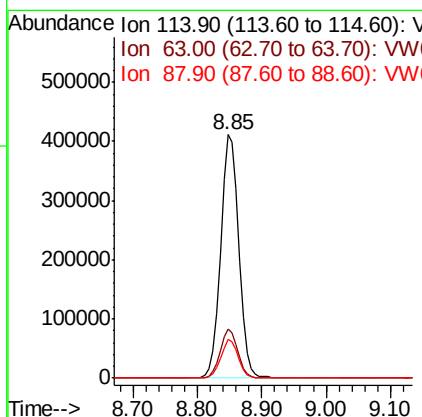
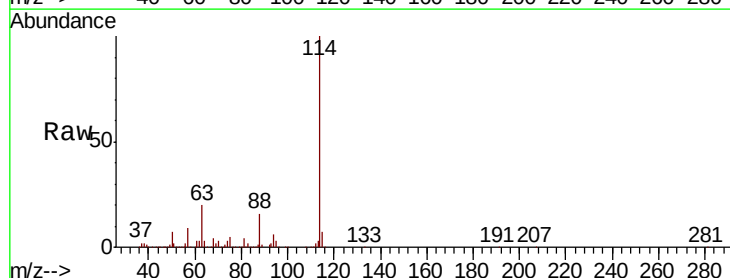
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-WS-COMP-18

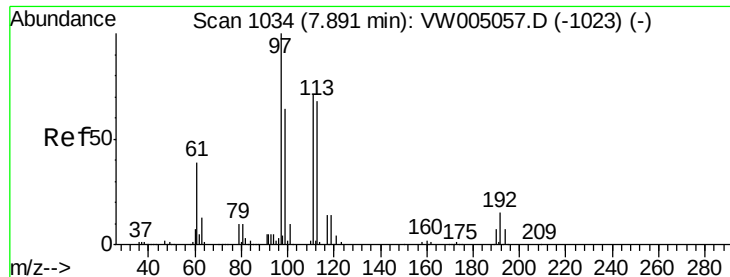
Tot Ion: 65 Resp: 198348
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005224.D
 Acq: 07 Sep 2018 21:39

Tgt Ion: 114 Resp: 817612
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 15.7 0.0 30.2

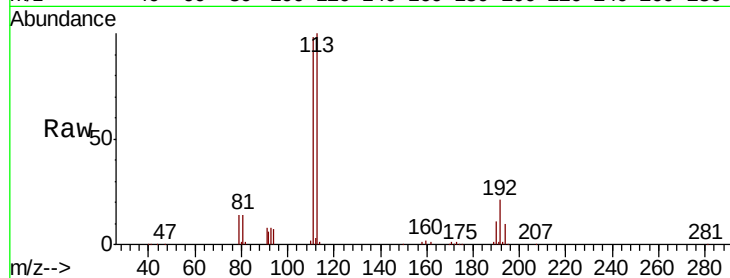




#35
 Dibromofluoromethane
 Concen: 38.44 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005224.D
 Acq: 07 Sep 2018 21:39

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-WS-COMP-18

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.2
192	22.0	18.1	27.1

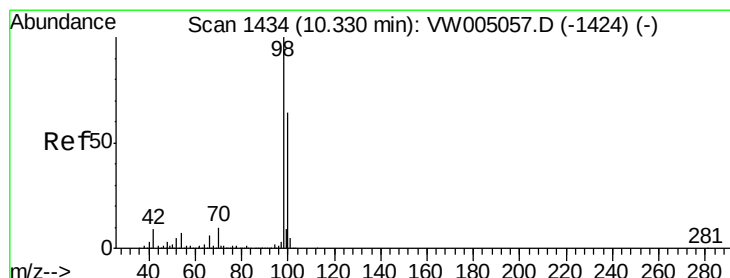
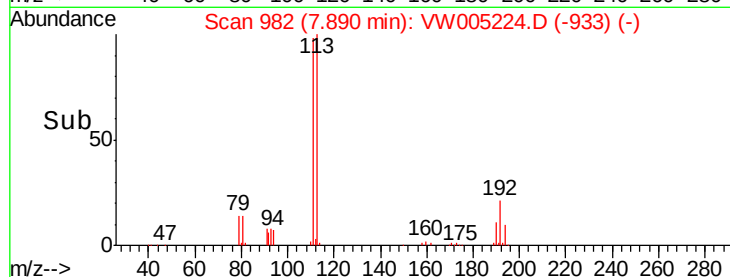
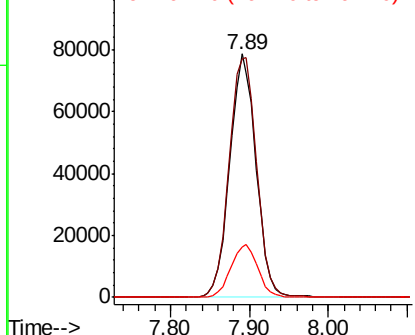


Abundance

Ion 112.80 (112.50 to 113.50): V

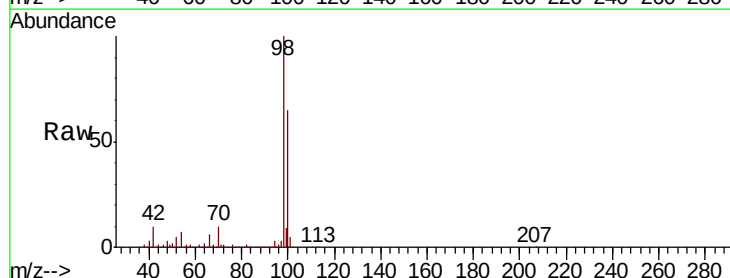
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 33.43 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005224.D
 Acq: 07 Sep 2018 21:39

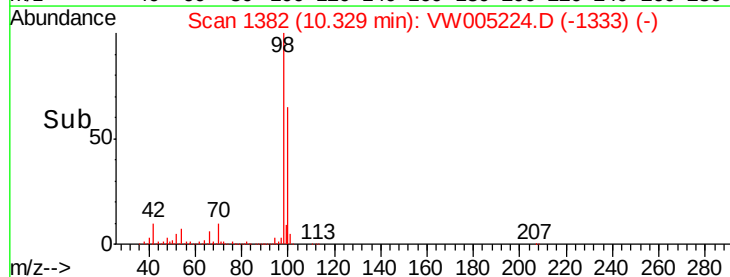
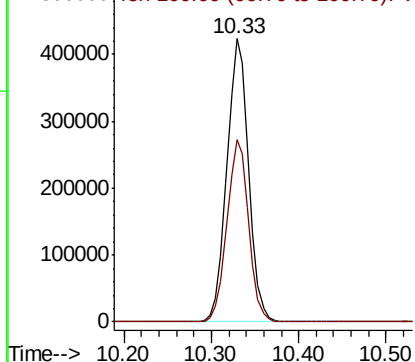
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5

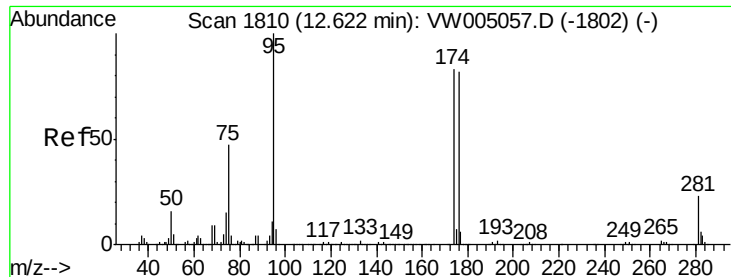


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

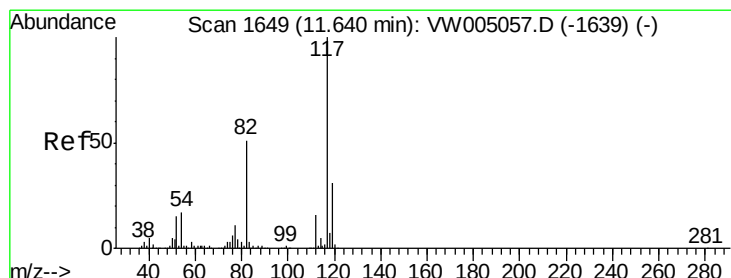
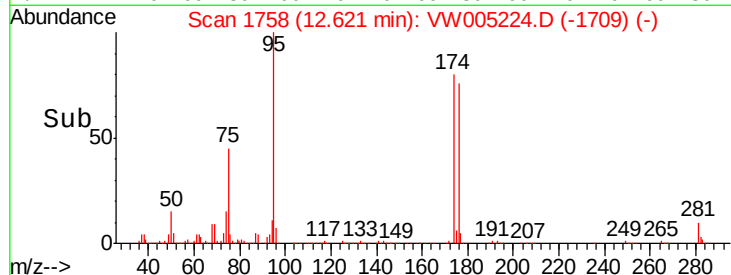
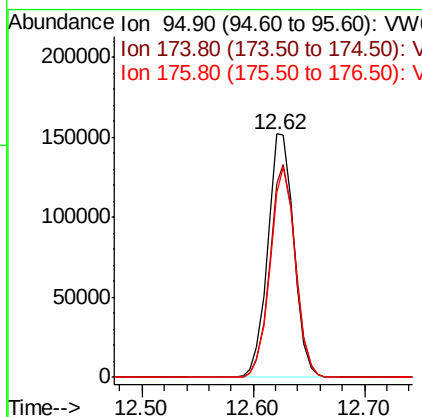
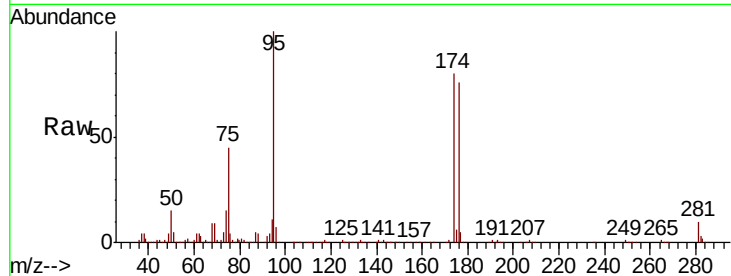




#62
4-Bromofluorobenzene
Concen: 32.39 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005224.D
Acq: 07 Sep 2018 21:39

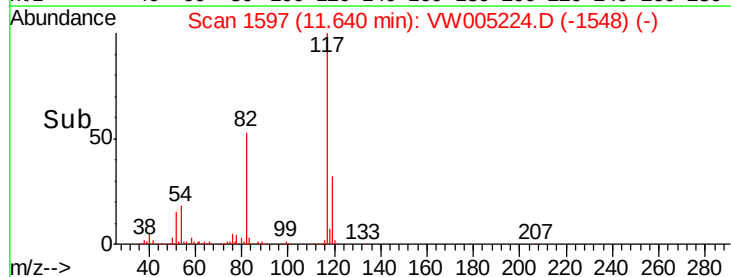
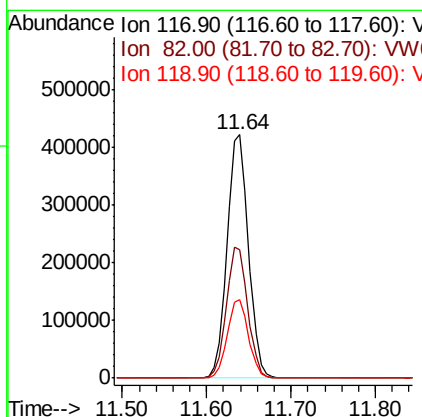
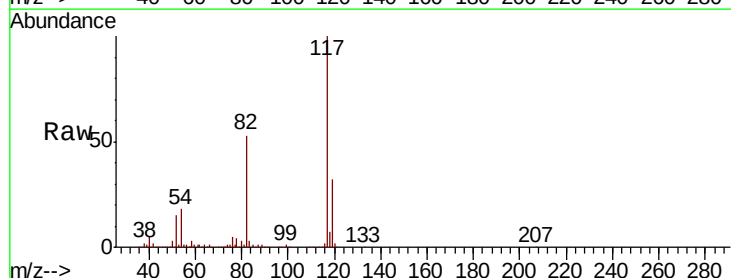
Instrument :
MSVOA_W
ClientSampleId :
EP1-WS-COMP-18

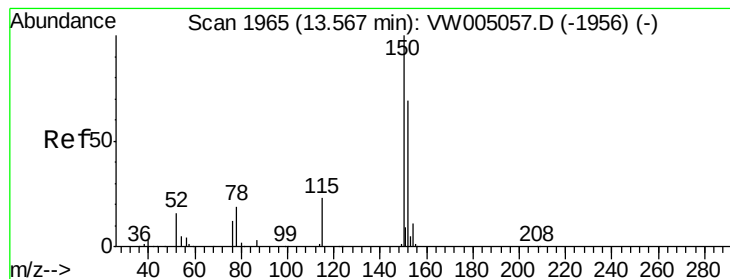
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	173.4
176	83.0	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005224.D
Acq: 07 Sep 2018 21:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	40.9	61.3
119	32.3	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: VW005224.D

Acq: 07 Sep 2018 21:39

Instrument :

MSVOA_W

ClientSampleId :

EP1-WS-COMP-18

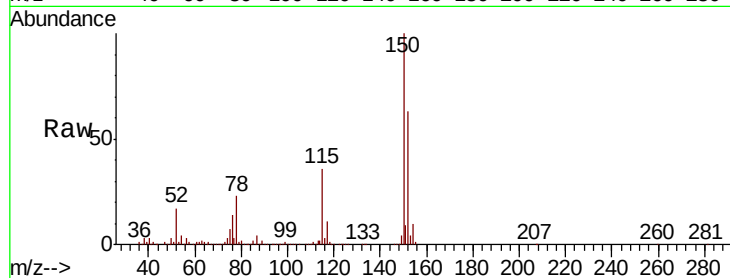
Tot Ion:152 Resp: 330890

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

150 156.9 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

