

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005612.D
 Acq On : 25 Sep 2018 15:44
 Operator : VA/AP
 Sample : J5066-02
 Misc : 5.98G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G1

Quant Time: Sep 26 04:26:44 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

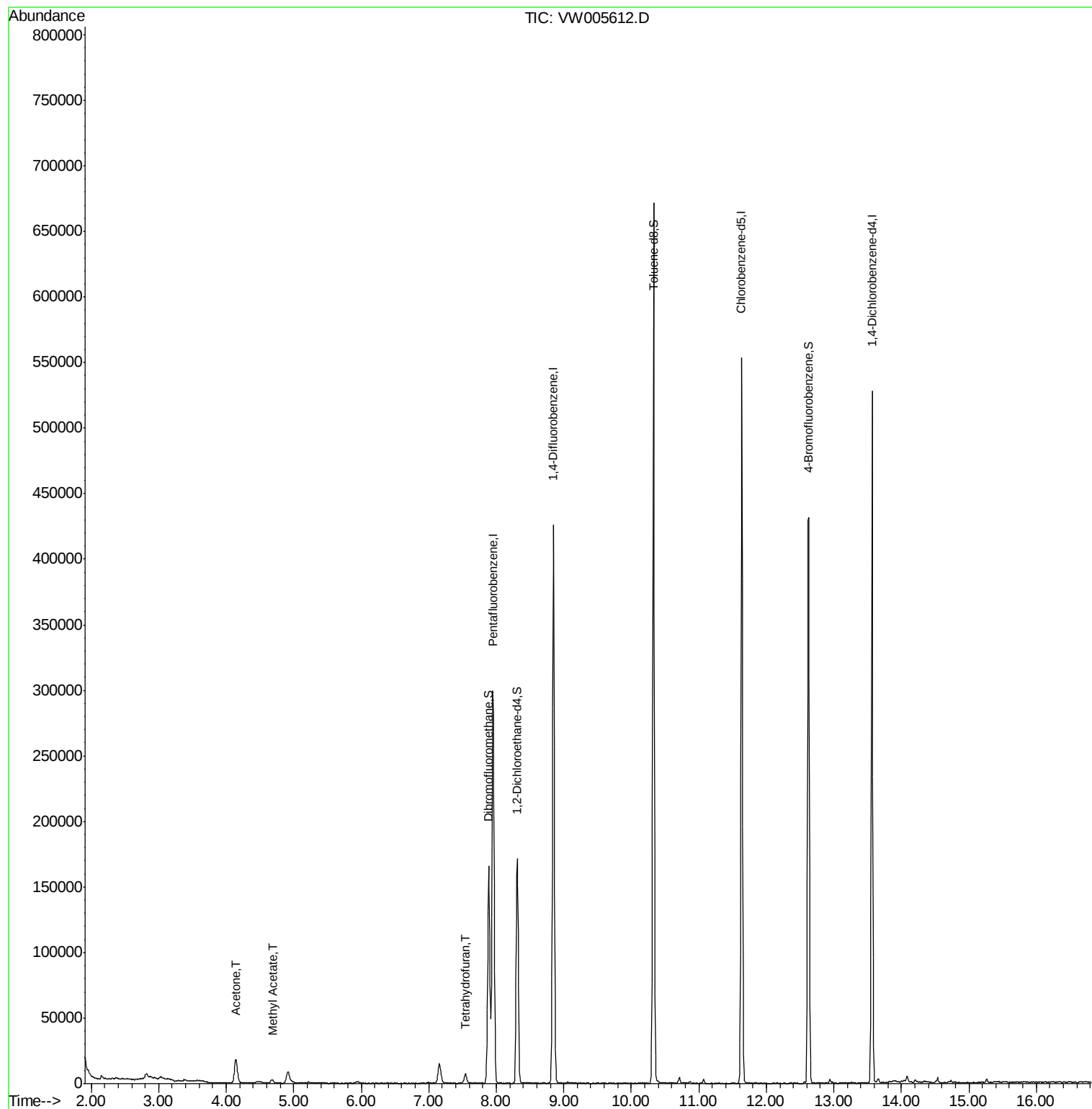
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144011	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
35) Dibromofluoromethane	7.88	113	115202	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.33	98	436677	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.62	95	139369	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.58%	
Target Compounds						
16) Acetone	4.15	43	36568	82.446	ug/l	96
18) Methyl Acetate	4.68	43	5021	4.043	ug/l	100
29) Tetrahydrofuran	7.54	42	5300	13.330	ug/l	96

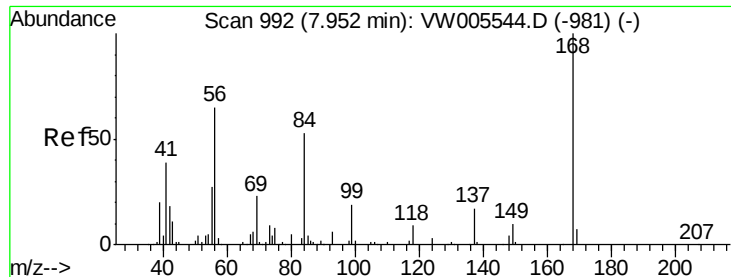
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005612.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_W

ClientSampleId :

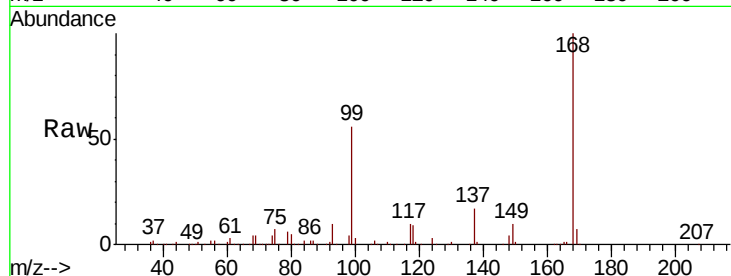
EP1-Q1-G1

Tot Ion:168 Resp: 222426

Ion Ratio Lower Upper

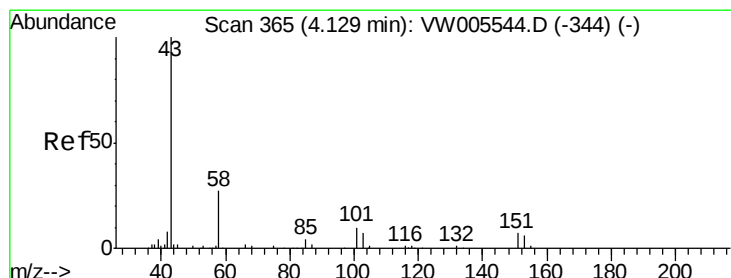
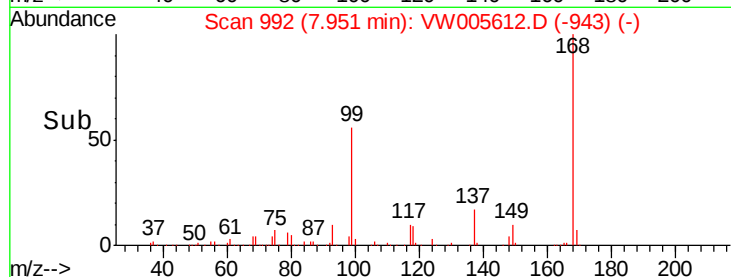
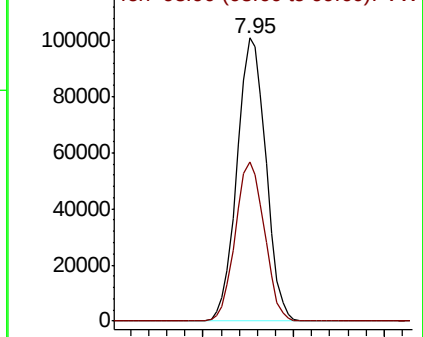
168 100

99 56.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 82.446 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005612.D

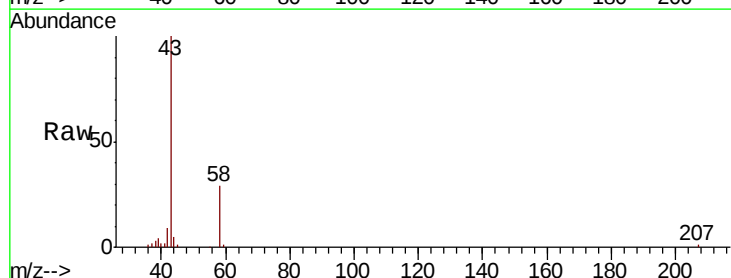
Acq: 25 Sep 2018 15:44

Tgt Ion: 43 Resp: 36568

Ion Ratio Lower Upper

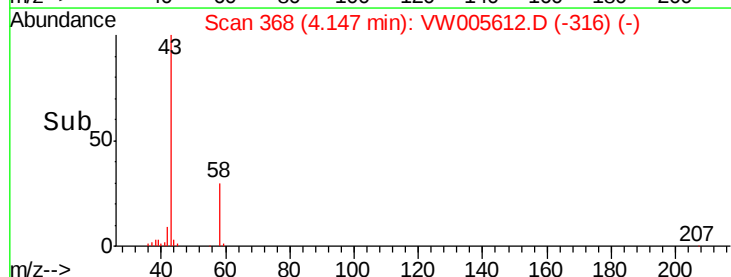
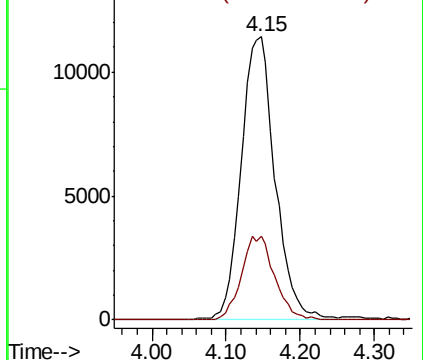
43 100

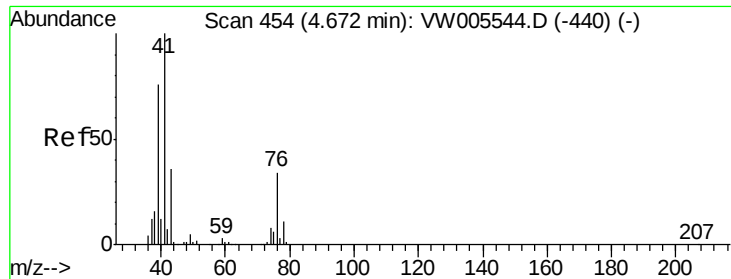
58 29.4 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

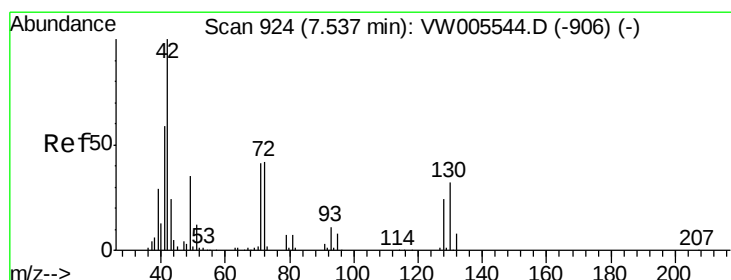
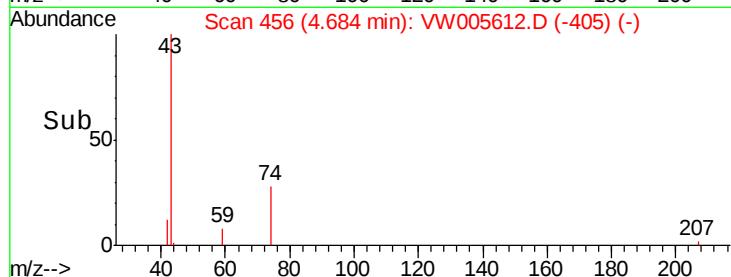
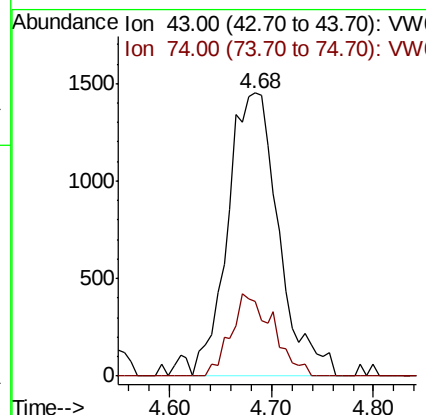
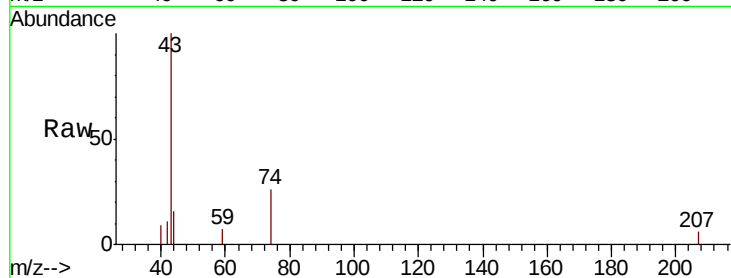




#18
Methyl Acetate
Concen: 4.043 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005612.D
Acq: 25 Sep 2018 15:44

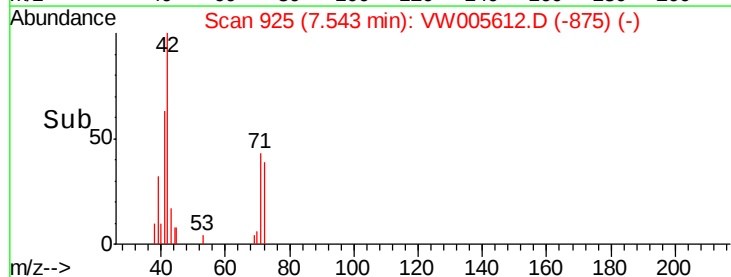
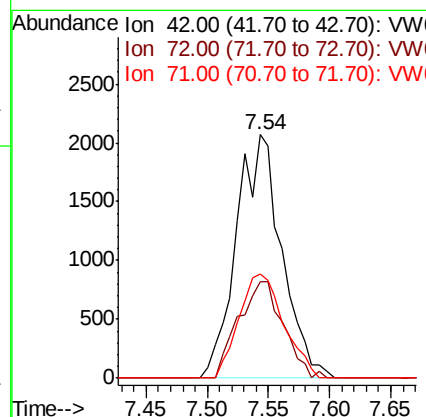
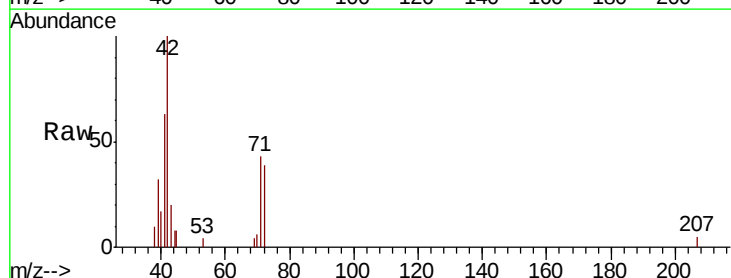
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G1

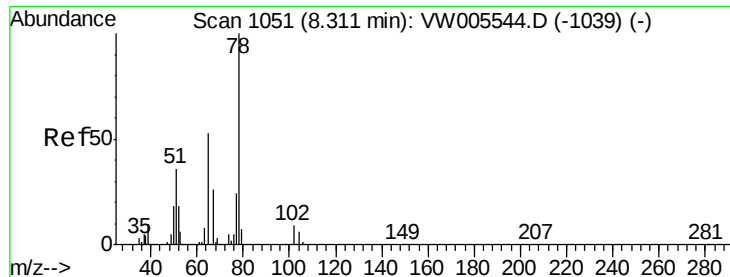
Tot Ion: 43 Resp: 5021
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8



#29
Tetrahydrofuran
Concen: 13.330 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005612.D
Acq: 25 Sep 2018 15:44

Tgt Ion: 42 Resp: 5300
Ion Ratio Lower Upper
42 100
72 39.5 33.6 50.4
71 42.5 31.8 47.6

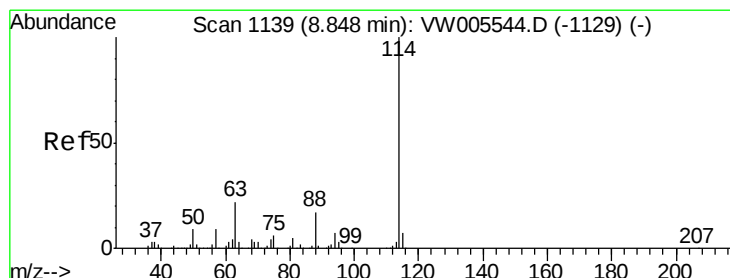
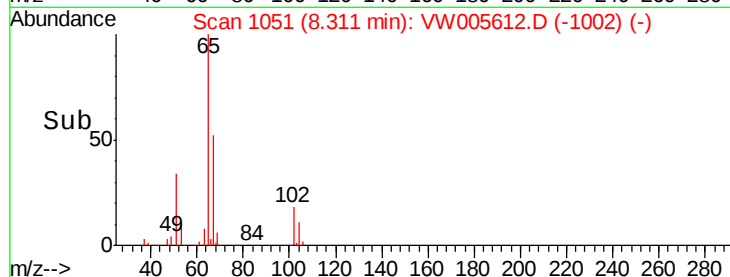
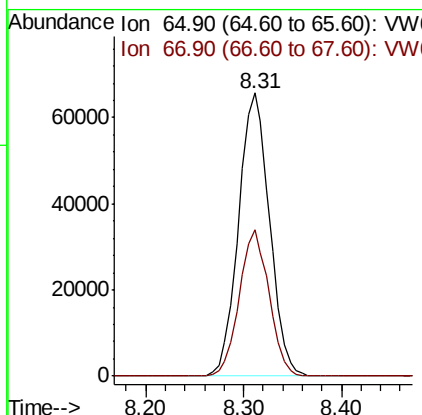
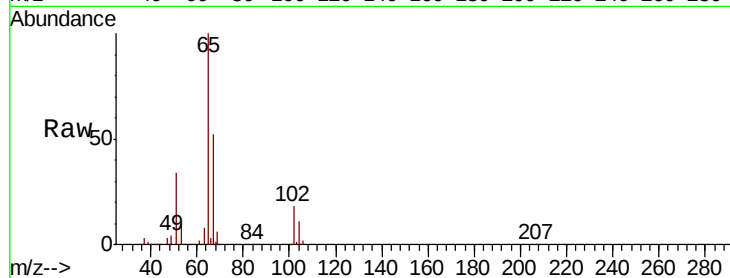




#33
 1,2-Dichloroethane-d4
 Concen: 54.959 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005612.D
 Acq: 25 Sep 2018 15:44

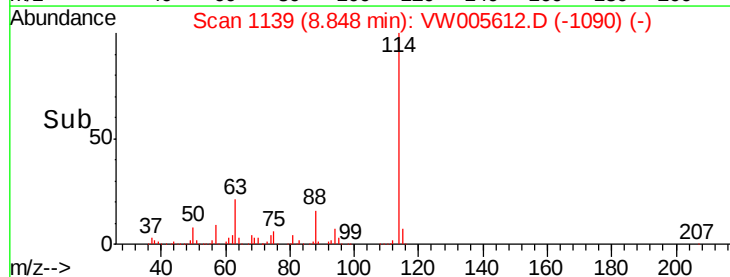
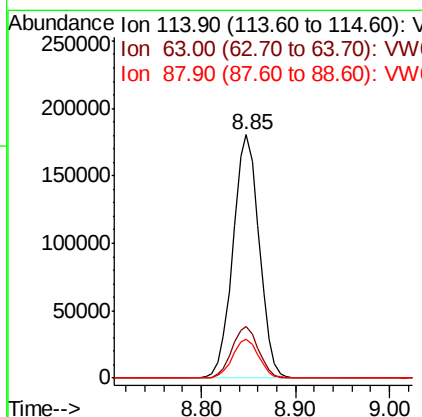
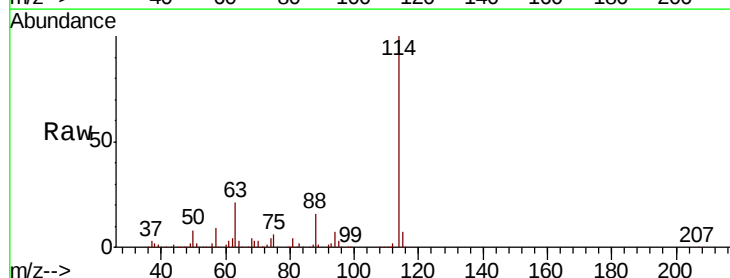
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G1

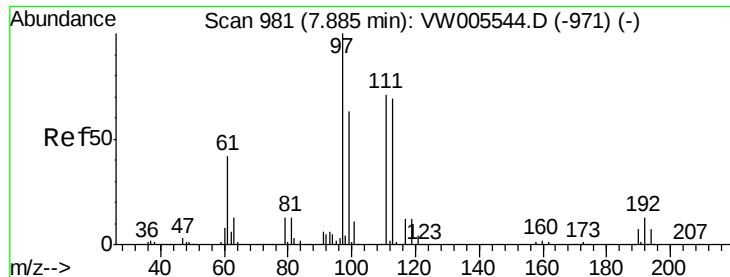
Tot Ion: 65 Resp: 144011
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005612.D
 Acq: 25 Sep 2018 15:44

Tgt Ion: 114 Resp: 347817
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.0
 88 16.0 0.0 33.0

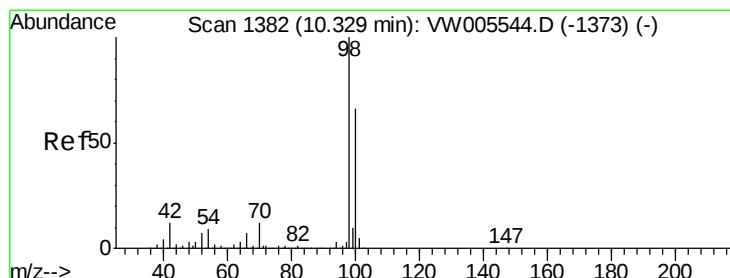
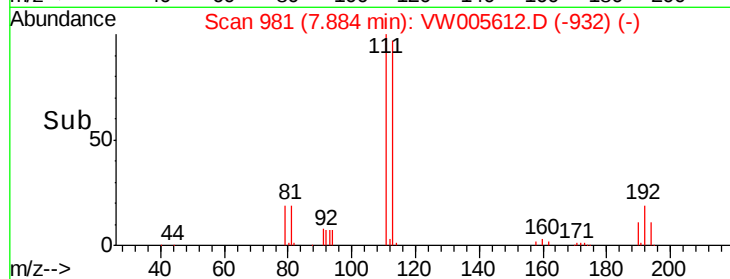
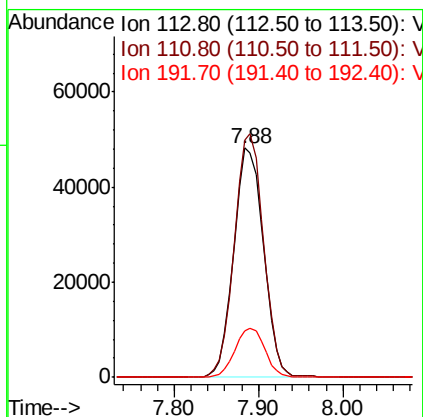
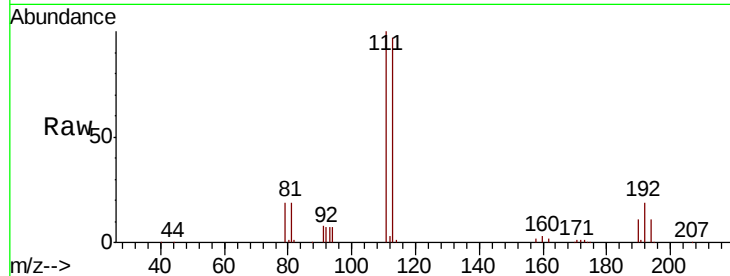




#35
 Dibromofluoromethane
 Concen: 52.669 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005612.D
 Acq: 25 Sep 2018 15:44

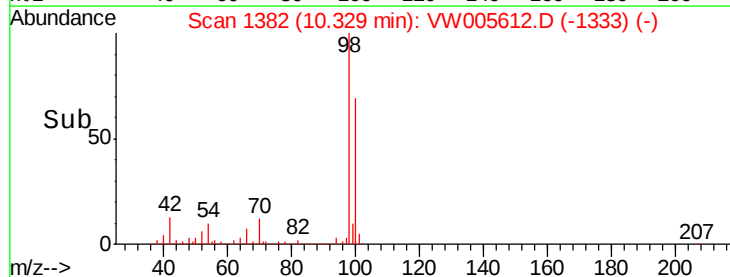
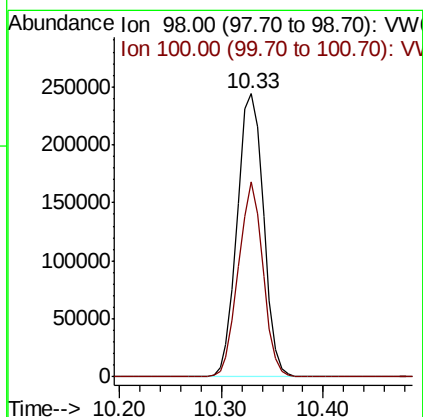
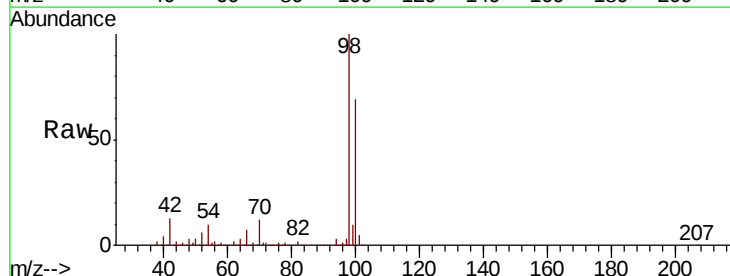
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G1

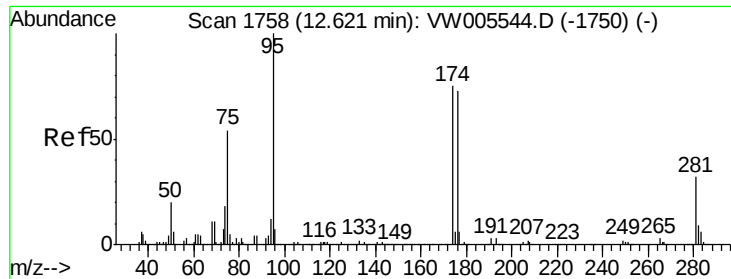
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	123.8
192	21.5	17.0	25.4



#50
 Toluene-d8
 Concen: 49.031 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005612.D
 Acq: 25 Sep 2018 15:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4

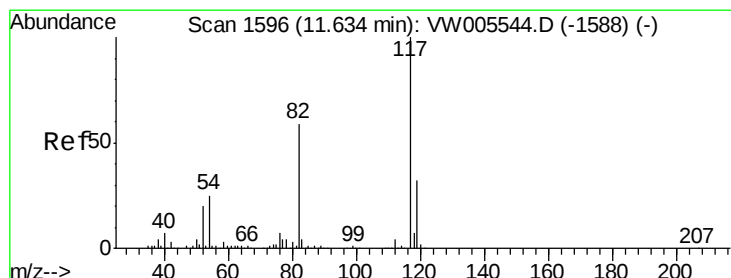
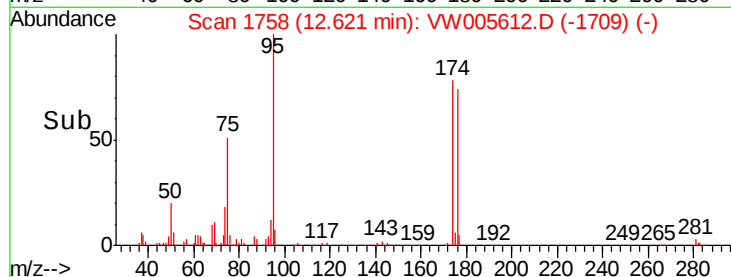
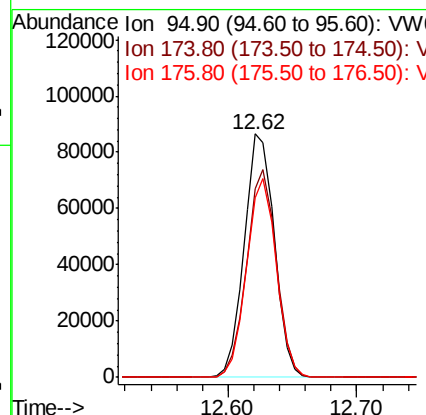
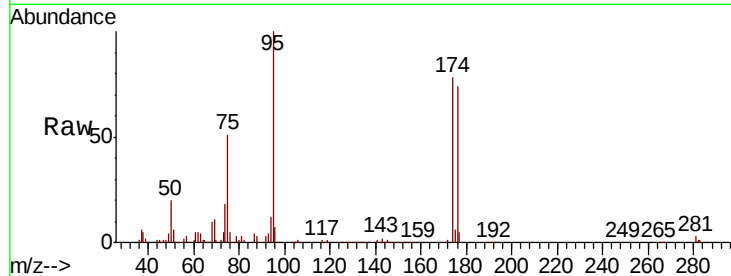




#62
4-Bromofluorobenzene
Concen: 42.291 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005612.D
Acq: 25 Sep 2018 15:44

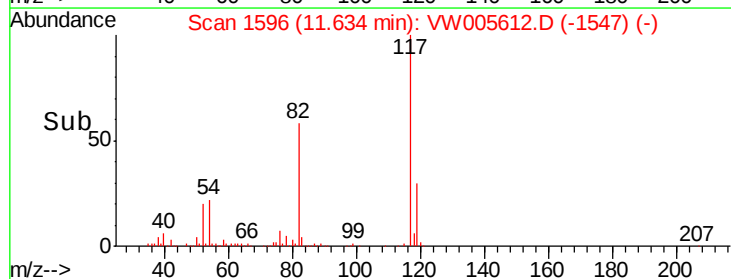
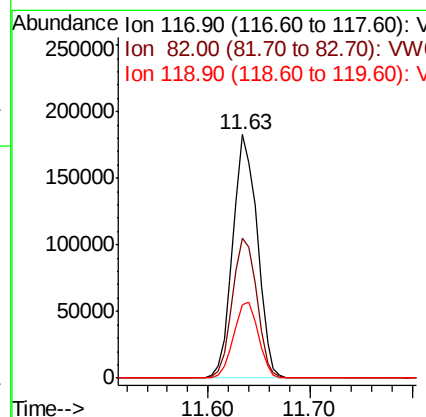
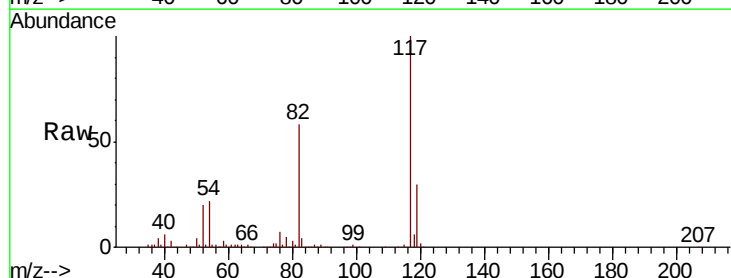
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G1

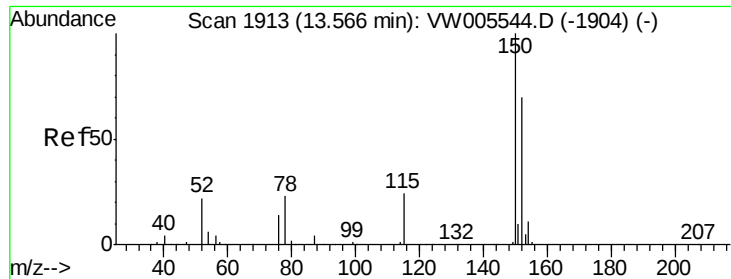
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	163.8
176	80.6	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005612.D
Acq: 25 Sep 2018 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.9	70.3
119	30.3	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005612.D

Acq: 25 Sep 2018 15:44

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G1

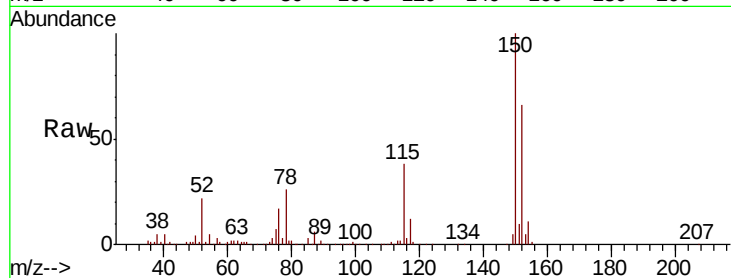
Tot Ion:152 Resp: 134565

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 157.1 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

