

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005714.D
 Acq On : 27 Sep 2018 21:18
 Operator : VA/AP
 Sample : J4776-07
 Misc : 8.61G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-B

Quant Time: Sep 28 02:33:39 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

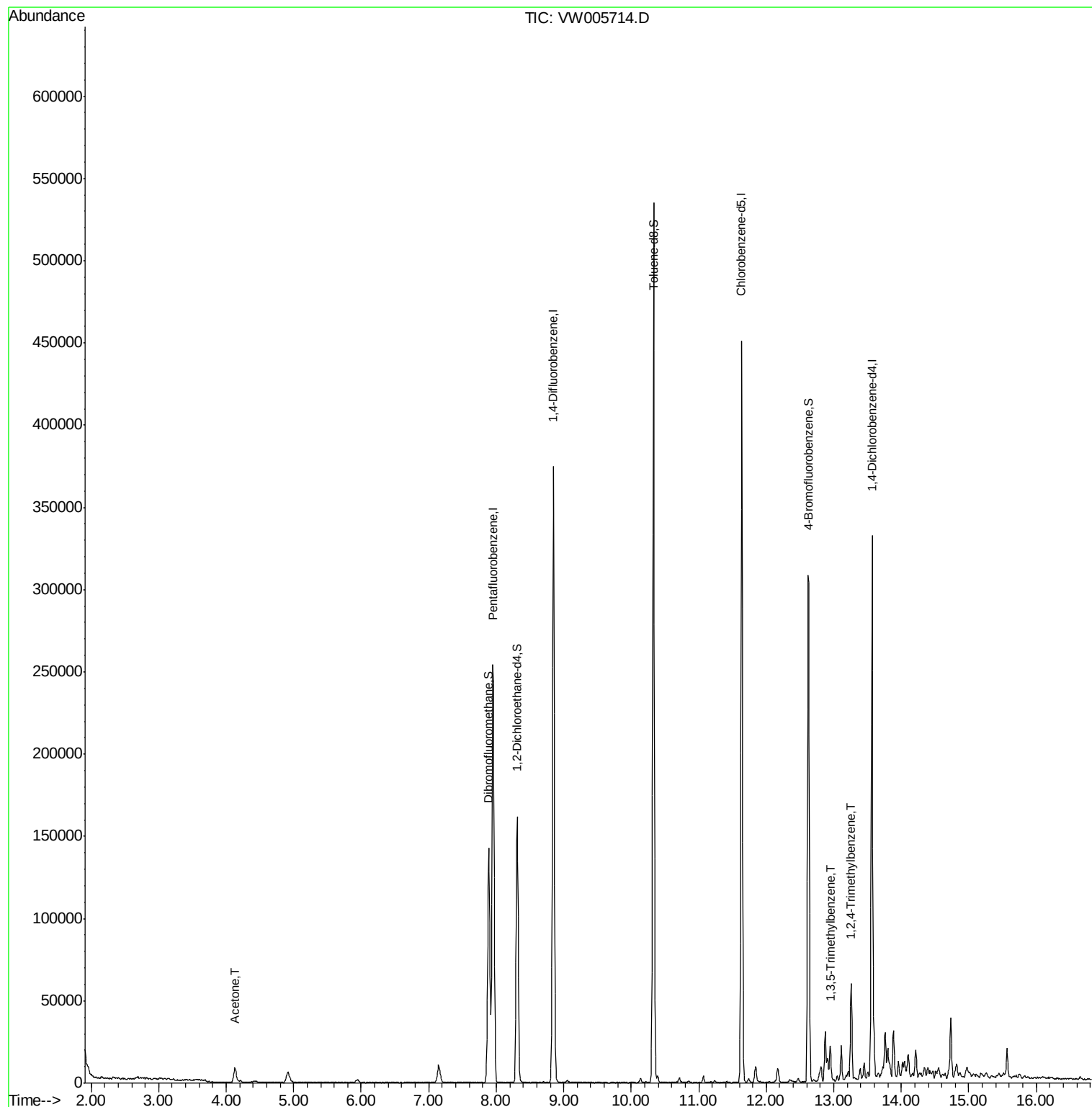
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	299711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	129773	58.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.56%	
35) Dibromofluoromethane	7.89	113	101499	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
50) Toluene-d8	10.33	98	351125	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	12.62	95	99382	35.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.00%	
Target Compounds						
16) Acetone	4.13	43	16011	38.136	ug/l	94
80) 1,3,5-Trimethylbenzene	12.95	105	8449	1.635	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	31482	6.037	ug/l	99

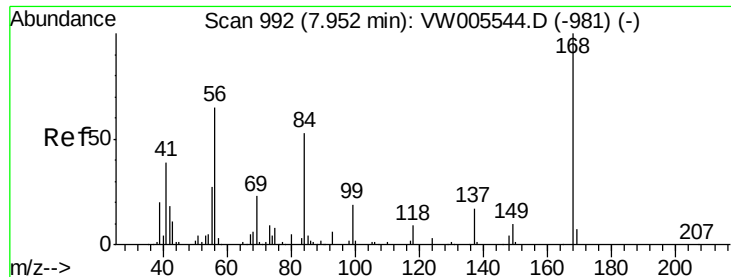
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005714.D

Acq: 27 Sep 2018 21:18

Instrument :

MSVOA_W

ClientSampleId :

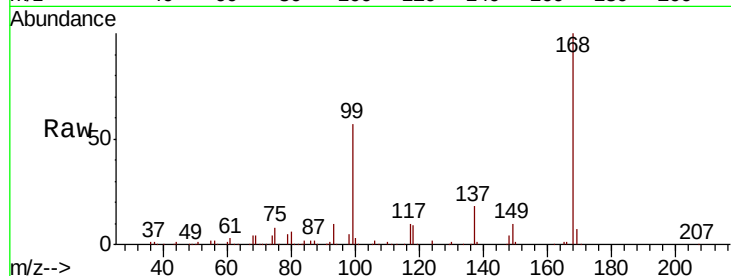
EO-01-092718-B

Tot Ion:168 Resp: 187394

Ion Ratio Lower Upper

168 100

99 56.9 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

80000

60000

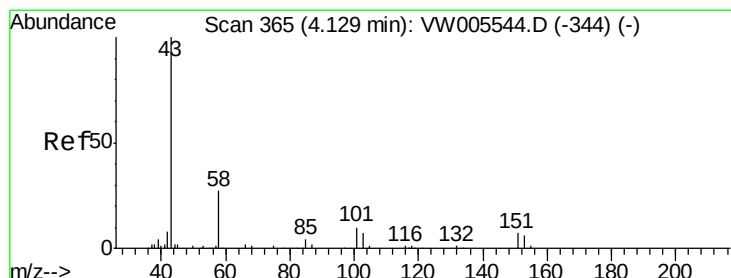
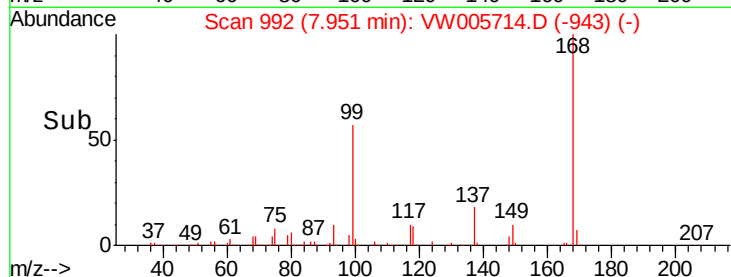
40000

20000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 38.136 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005714.D

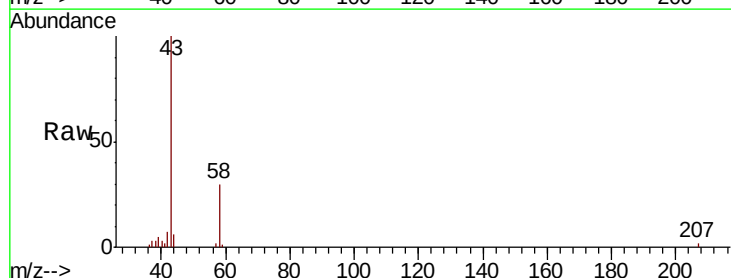
Acq: 27 Sep 2018 21:18

Tgt Ion: 43 Resp: 16011

Ion Ratio Lower Upper

43 100

58 30.4 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

6000

5000

4000

3000

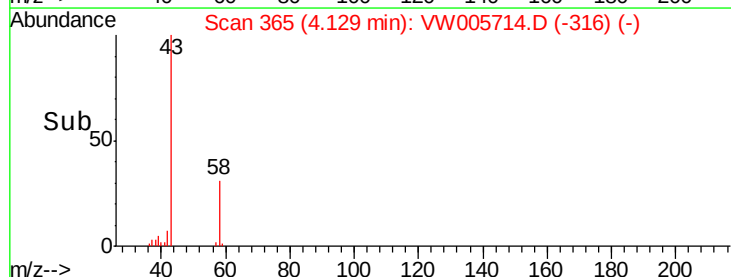
2000

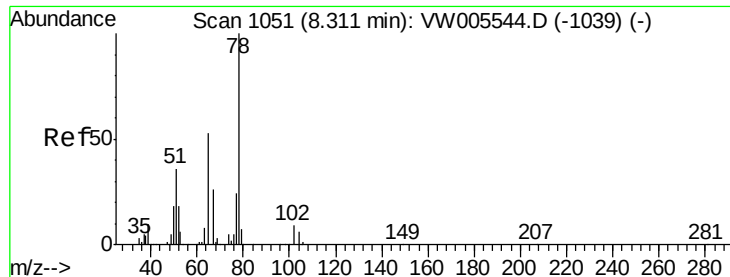
1000

0

Time-->

4.00 4.10 4.20

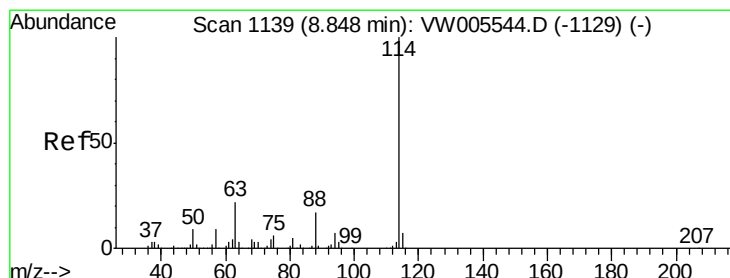
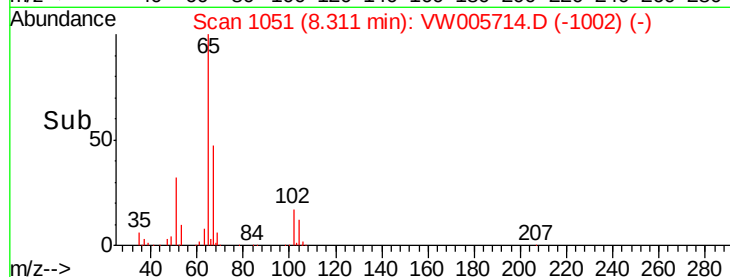
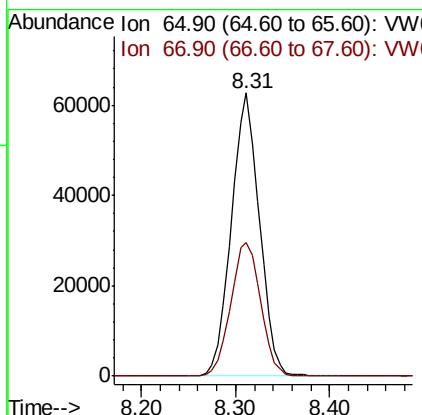
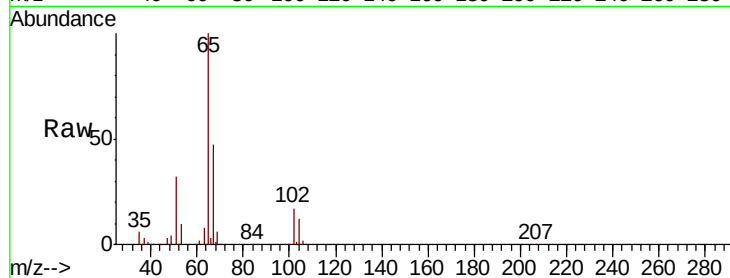




#33
 1,2-Dichloroethane-d4
 Concen: 58.784 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

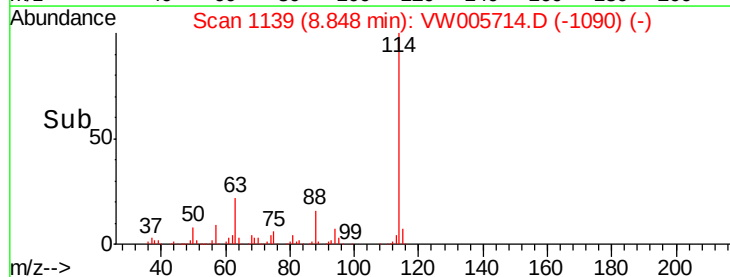
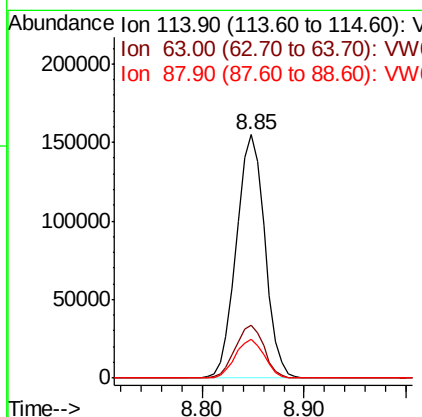
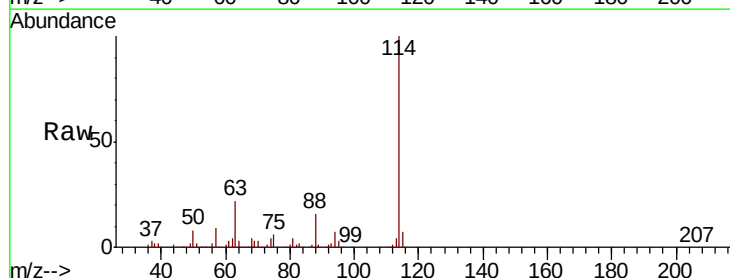
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-B

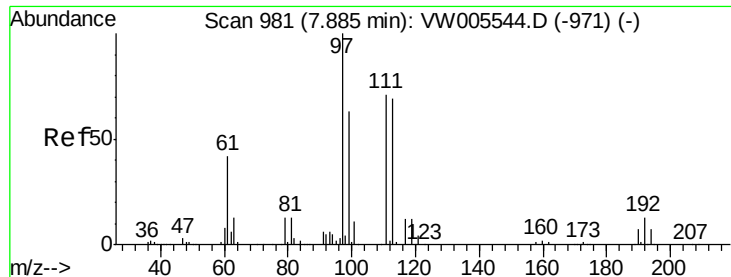
Tot Ion: 65 Resp: 129773
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

Tgt Ion: 114 Resp: 299711
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 16.1 0.0 33.0

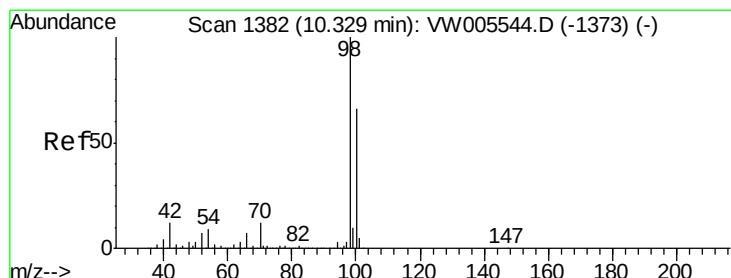
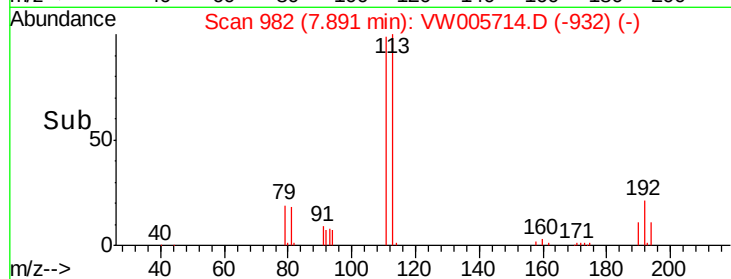
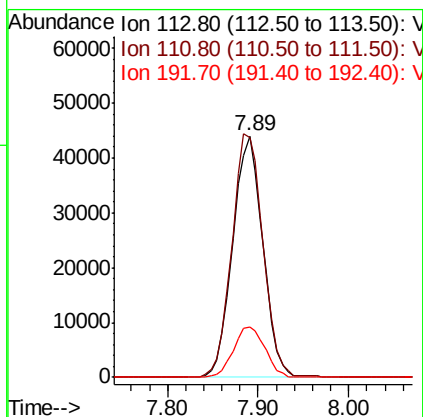
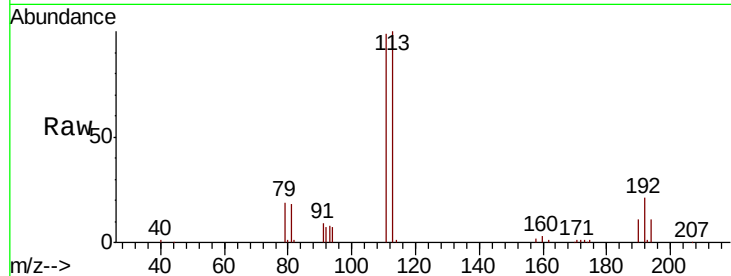




#35
 Dibromofluoromethane
 Concen: 53.852 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

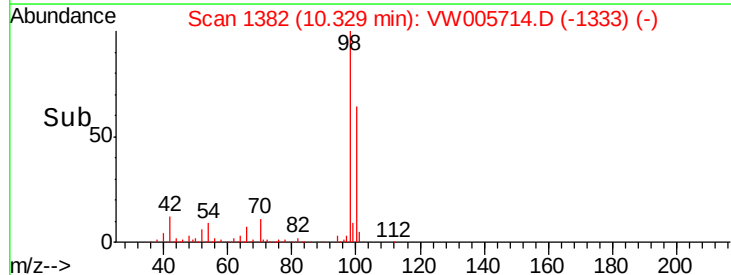
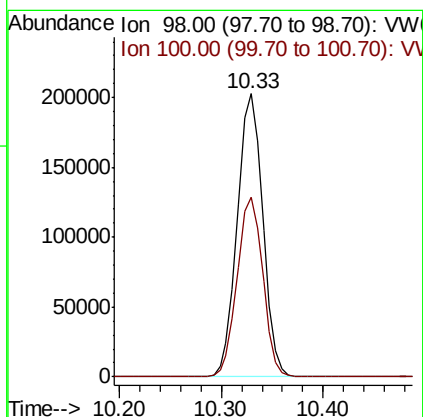
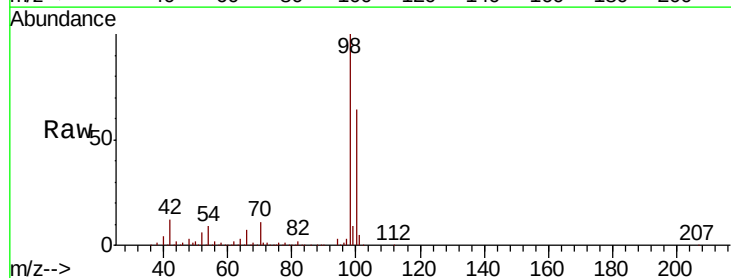
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-B

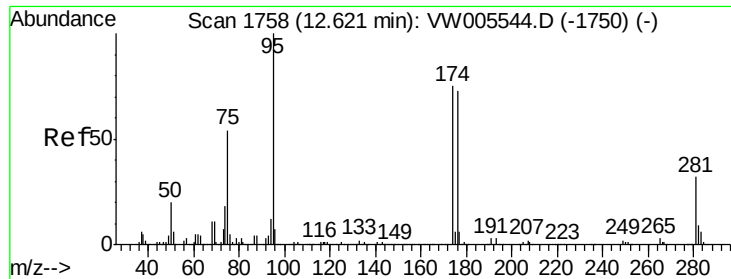
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	21.8	17.0	25.4



#50
 Toluene-d8
 Concen: 45.753 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.6	77.4

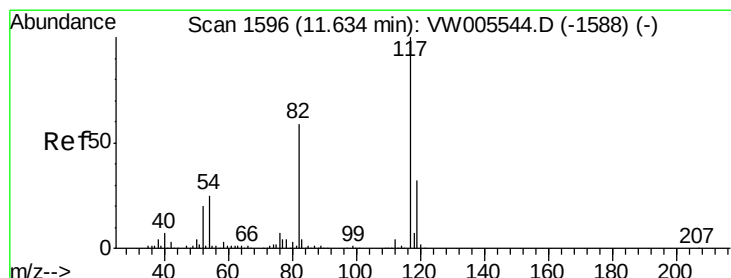
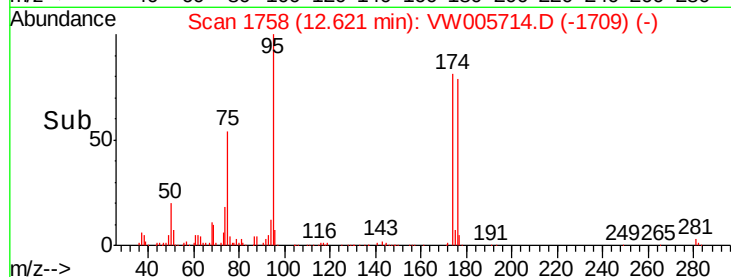
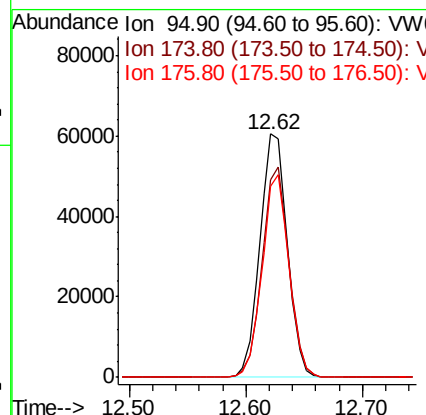
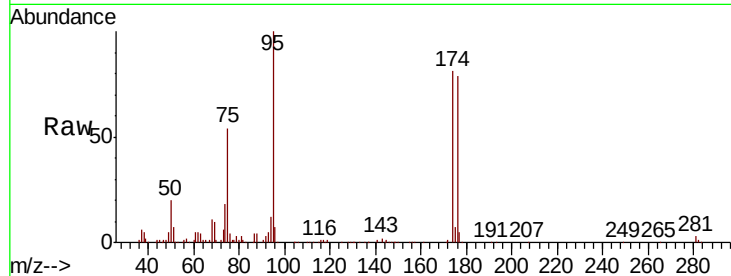




#62
4-Bromofluorobenzene
Concen: 34.997 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005714.D
Acq: 27 Sep 2018 21:18

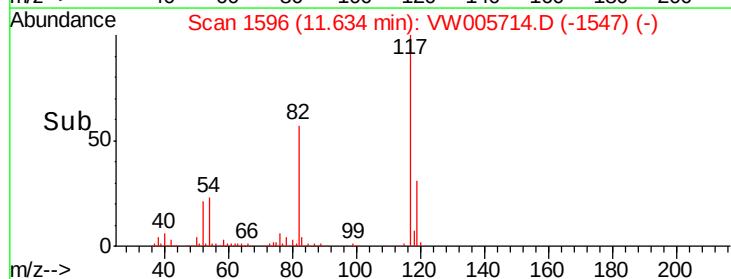
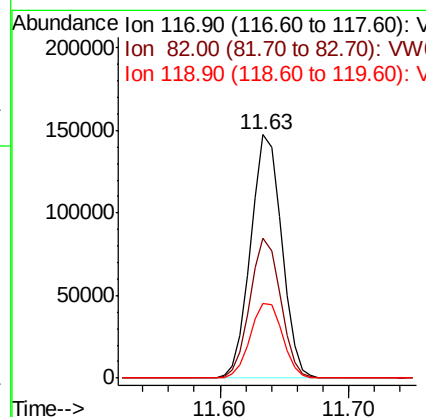
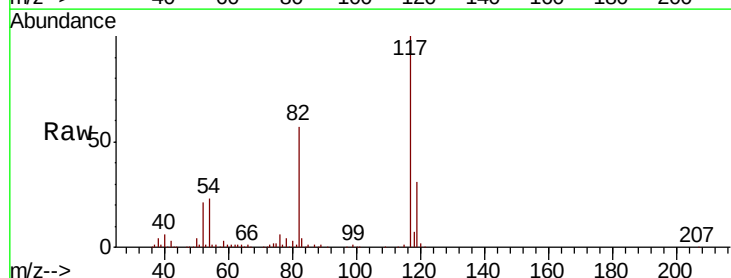
Instrument :
MSVOA_W
ClientSampleId :
EO-01-092718-B

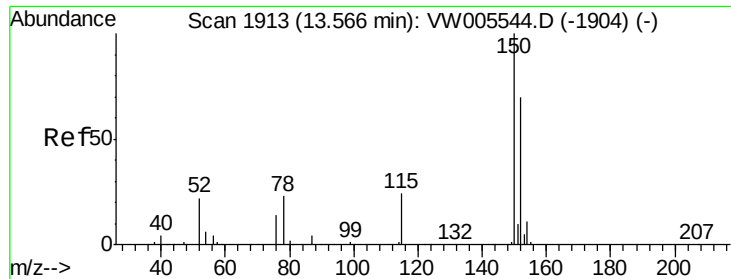
Tot Ion	95	Resp	99382
Ion Ratio	Lower	Upper	
95	100		
174	84.3	0.0	163.8
176	81.1	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005714.D
Acq: 27 Sep 2018 21:18

Tgt Ion	117	Resp	244752
Ion Ratio	Lower	Upper	
117	100		
82	57.4	46.9	70.3
119	30.9	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: VW005714.D

Acq: 27 Sep 2018 21:18

Instrument :

MSVOA_W

ClientSampleId :

EO-01-092718-B

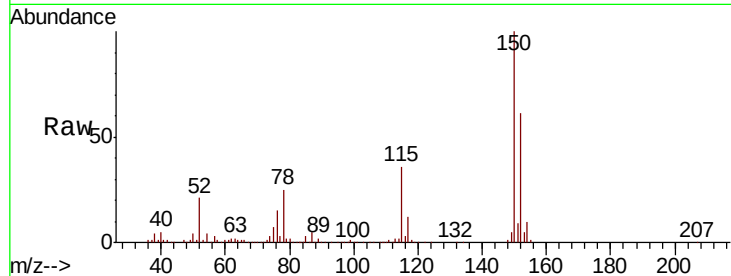
Tot Ion:152 Resp: 85700

Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

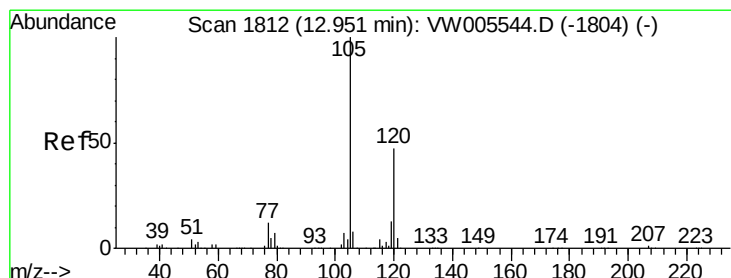
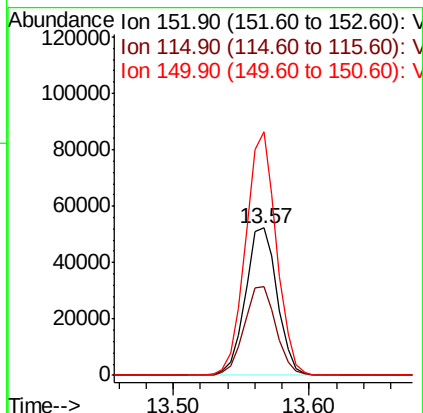
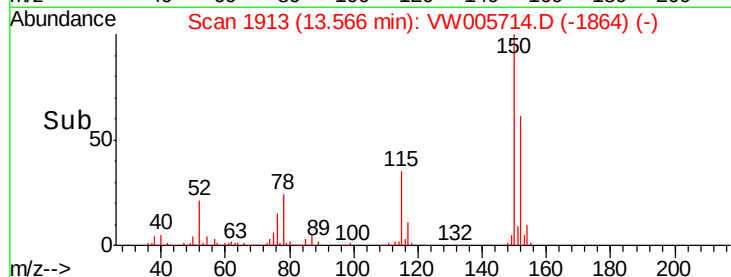
150 159.2 0.0 348.6



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



#80

1,3,5-Trimethylbenzene

Concen: 1.635 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005714.D

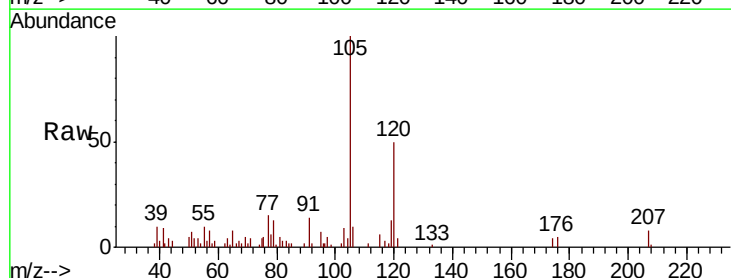
Acq: 27 Sep 2018 21:18

Tgt Ion:105 Resp: 8449

Ion Ratio Lower Upper

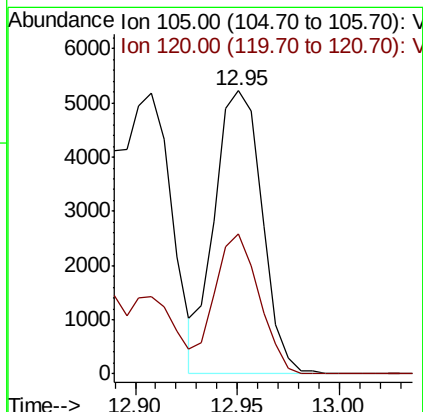
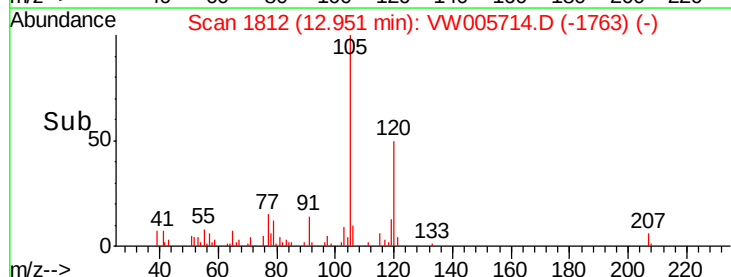
105 100

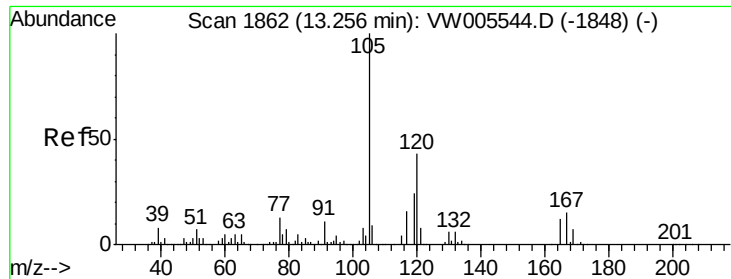
120 46.6 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 6.037 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005714.D

Acq: 27 Sep 2018 21:18

Instrument :

MSVOA_W

ClientSampleId :

EO-01-092718-B

Tot Ion:105 Resp: 31482

Ion Ratio Lower Upper

105 100

120 42.4 21.5 64.5

