

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005420.D
 Acq On : 15 Sep 2018 08:09
 Operator : SY/AP
 Sample : J4775-05
 Misc : 7.21G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-091418-A

Quant Time: Sep 17 01:14:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	225194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	369501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	273928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85883	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	112723	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
35) Dibromofluoromethane	7.89	113	91783	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	
50) Toluene-d8	10.33	98	311387	32.82	ug/l	0.00
Spiked Amount			Recovery	=	65.64%	
62) 4-Bromofluorobenzene	12.63	95	87756	25.23	ug/l	0.00
Spiked Amount			Recovery	=	50.46%	

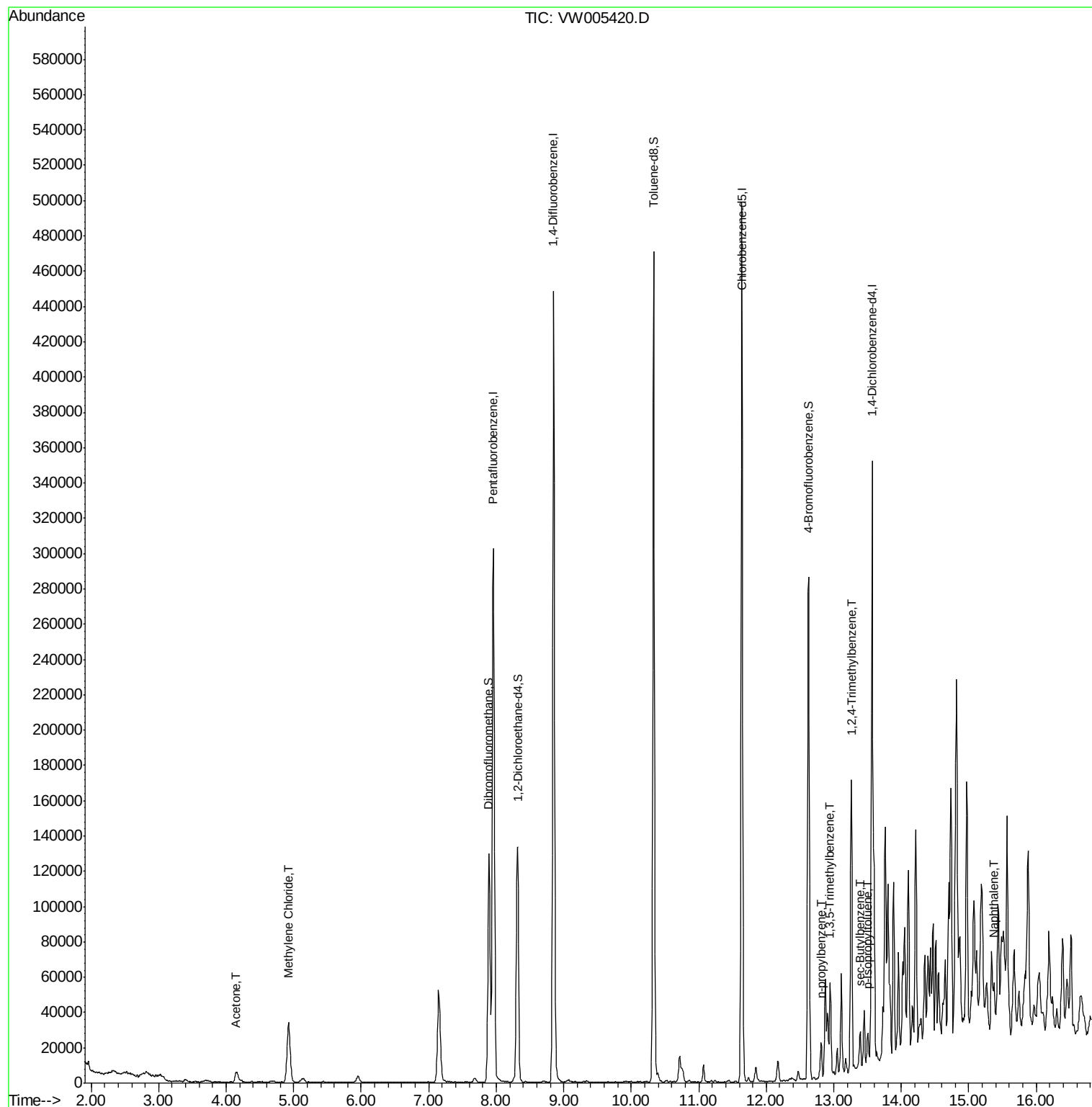
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	11846	18.56	ug/l	92
20) Methylene Chloride	4.93	84	25965	6.16	ug/l	97
78) n-propylbenzene	12.81	91	14952	2.06	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	19481	3.71	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	92412	17.31	ug/l	98
85) sec-Butylbenzene	13.39	105	12848	2.04	ug/l	95
86) p-Isopropyltoluene	13.51	119	8414	1.49	ug/l	97
95) Naphthalene	15.38	128	14444	5.15	ug/l	97

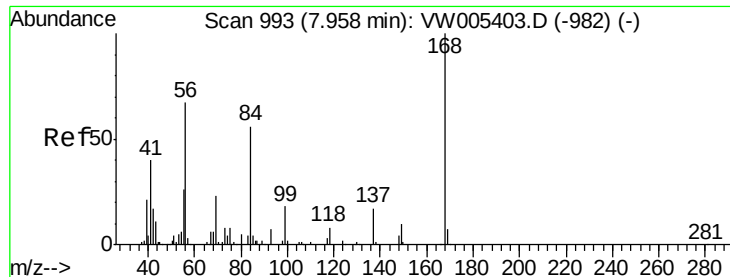
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091618\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 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: VW005420.D

Acq: 15 Sep 2018 08:09

Instrument :

MSVOA_W

ClientSampleId :

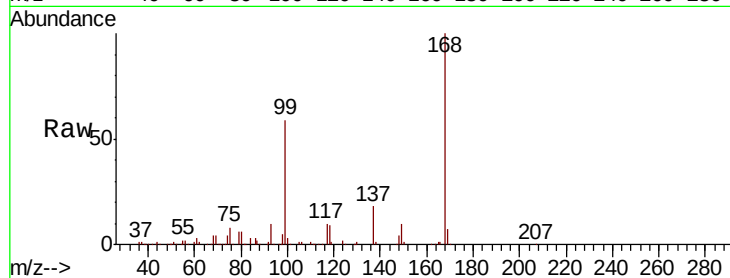
OR-03-091418-A

Tot Ion:168 Resp: 225194

Ion Ratio Lower Upper

168 100

99 59.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

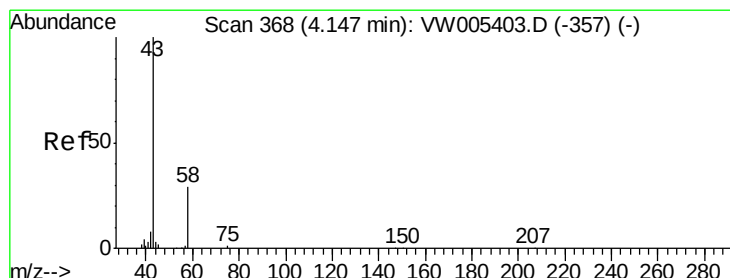
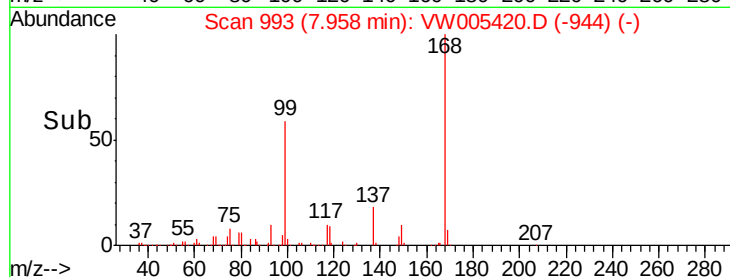
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 18.56 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005420.D

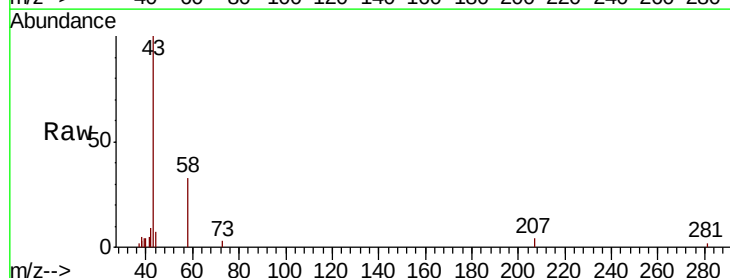
Acq: 15 Sep 2018 08:09

Tgt Ion: 43 Resp: 11846

Ion Ratio Lower Upper

43 100

58 32.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4000

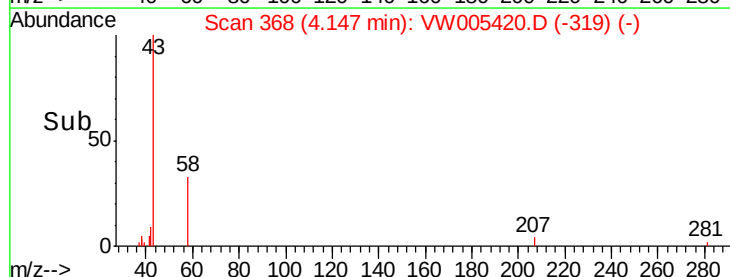
3000

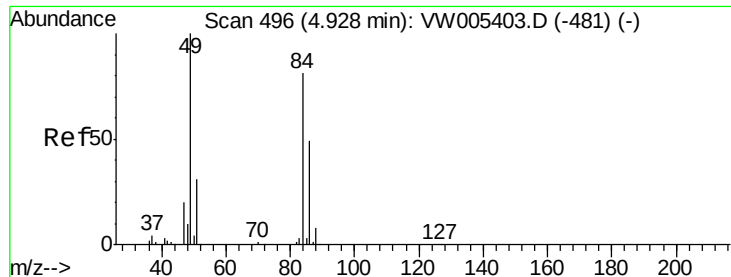
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

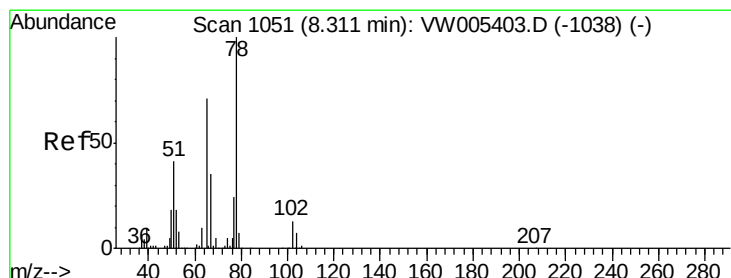
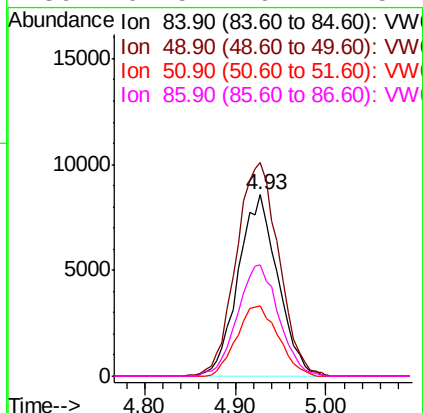
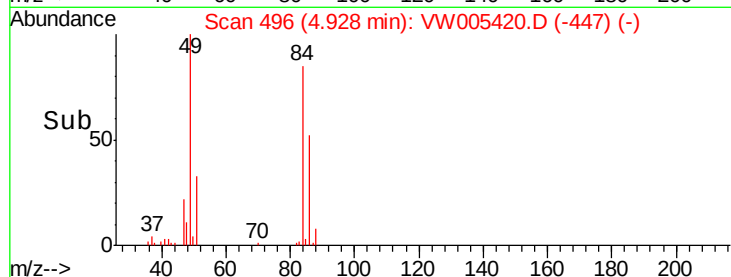
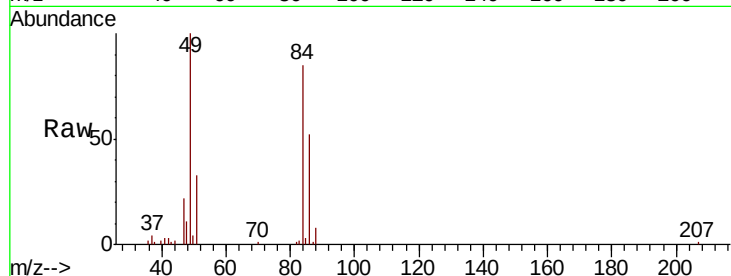




#20
Methylene Chloride
Concen: 6.16 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005420.D
Acq: 15 Sep 2018 08:09

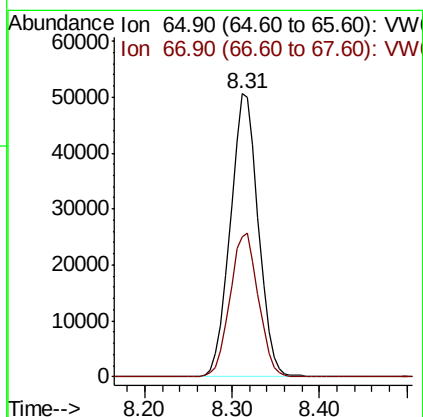
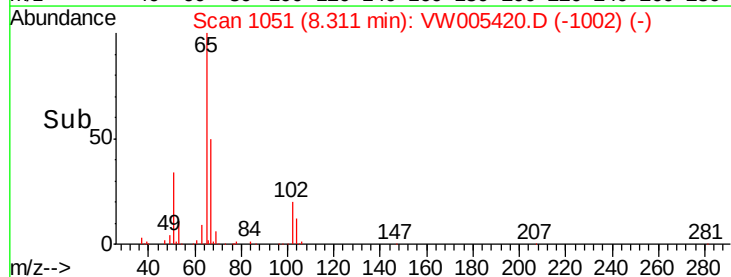
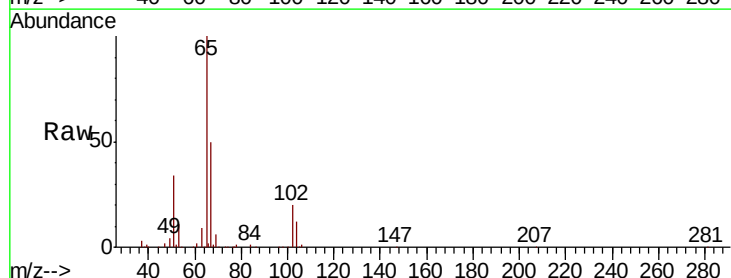
Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-A

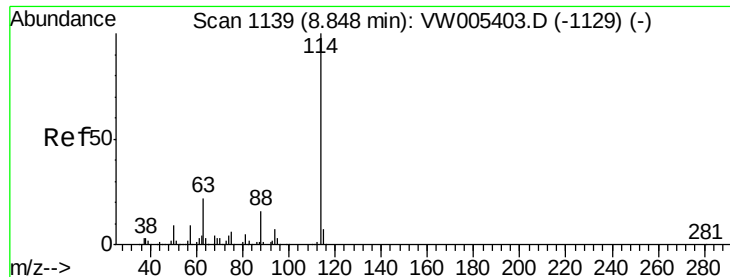
Tot Ion: 84 Resp: 25965
Ion Ratio Lower Upper
84 100
49 117.7 99.3 148.9
51 38.7 31.1 46.7
86 61.5 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 48.22 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005420.D
Acq: 15 Sep 2018 08:09

Tgt Ion: 65 Resp: 112723
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.6

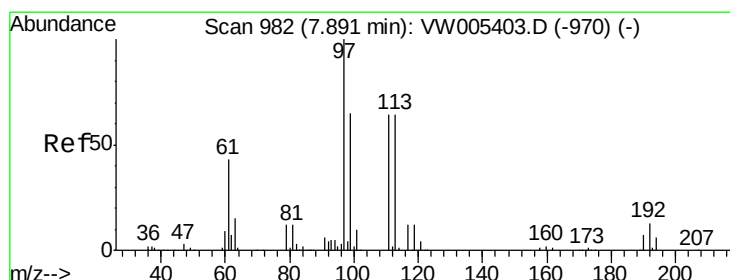
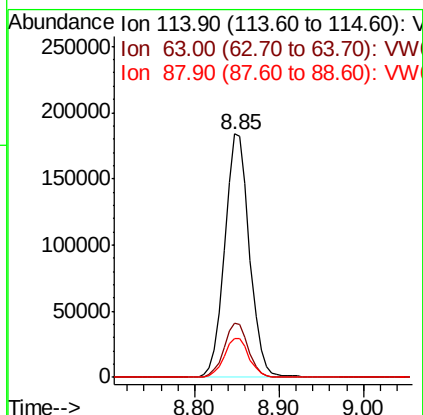
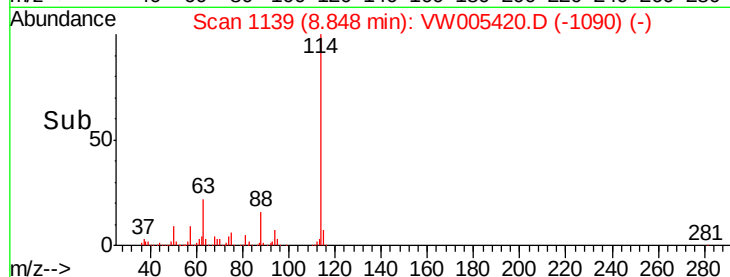
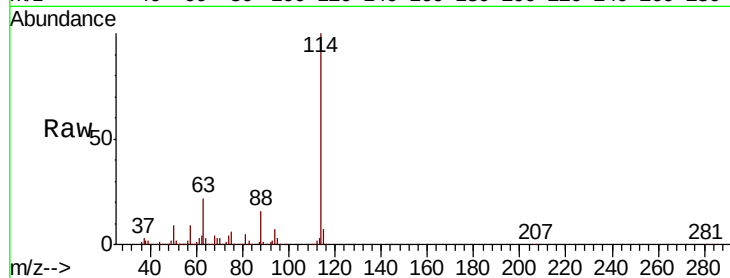




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005420.D
 Acq: 15 Sep 2018 08:09

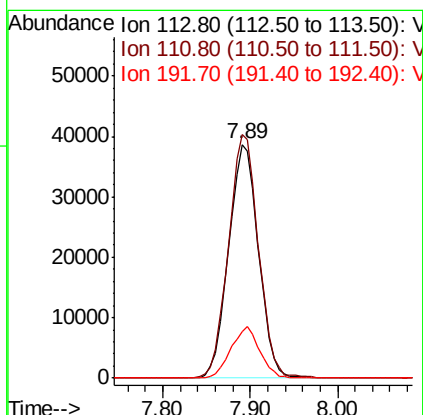
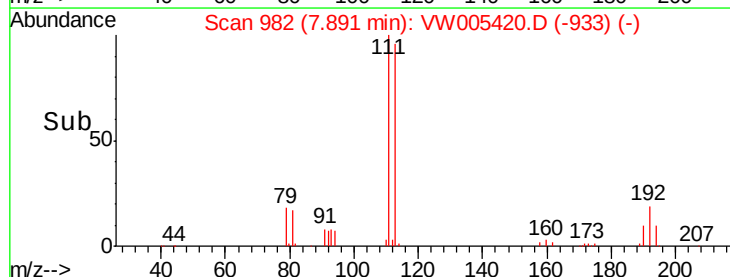
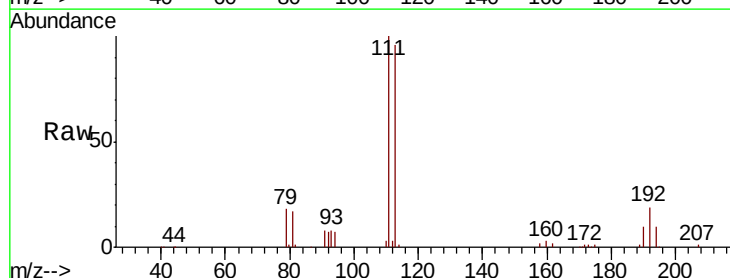
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-091418-A

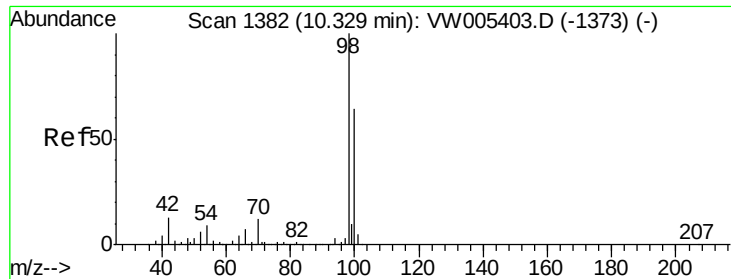
Tot Ion:114	Resp:	369501
Ion Ratio	Lower	Upper
114 100		
63 22.4	0.0	43.4
88 16.2	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 44.30 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005420.D
 Acq: 15 Sep 2018 08:09

Tgt Ion:113	Resp:	91783
Ion Ratio	Lower	Upper
113 100		
111 104.7	82.3	123.5
192 21.1	16.5	24.7





#50

Toluene-d8

Concen: 32.82 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005420.D

Acq: 15 Sep 2018 08:09

Instrument :

MSVOA_W

ClientSampleId :

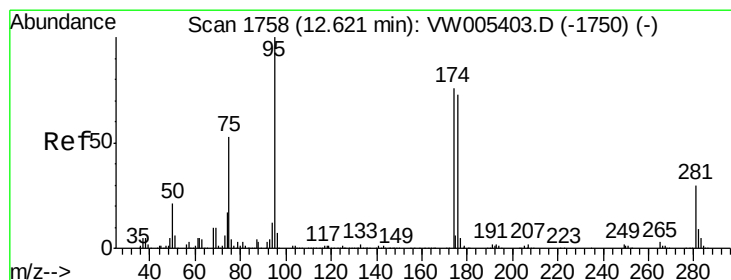
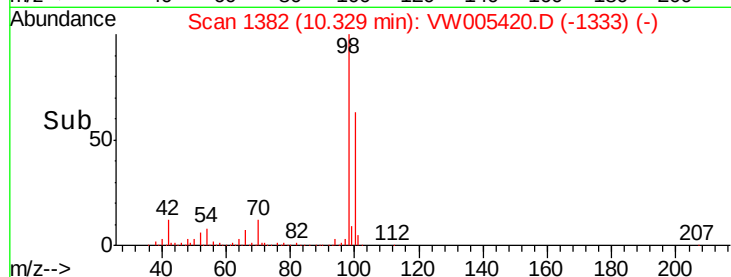
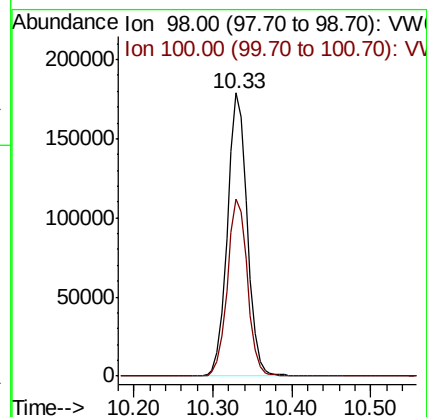
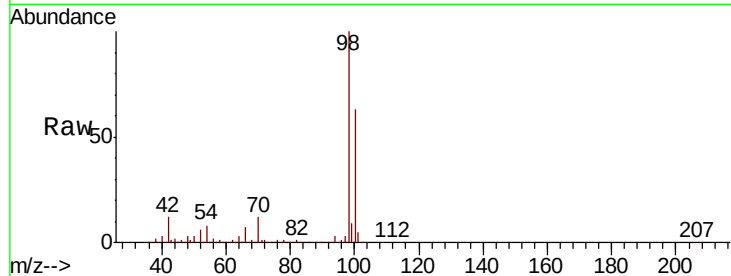
OR-03-091418-A

Tot Ion: 98 Resp: 311387

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 25.23 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005420.D

Acq: 15 Sep 2018 08:09

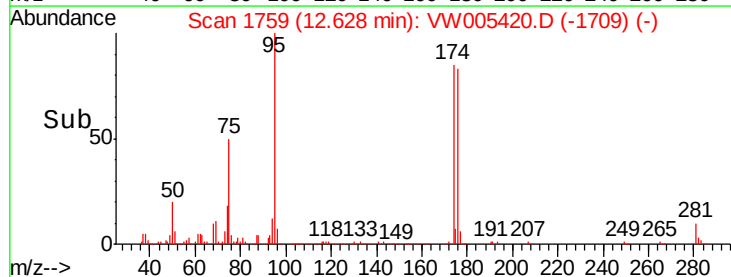
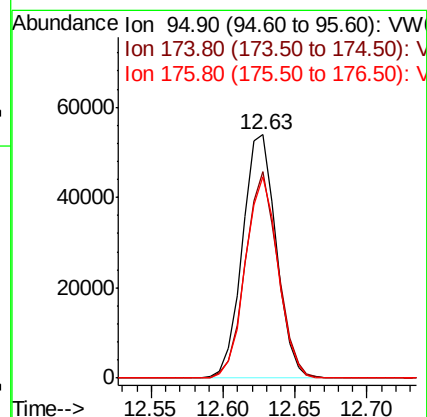
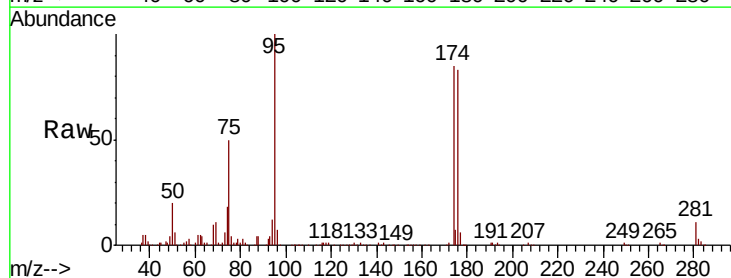
Tgt Ion: 95 Resp: 87756

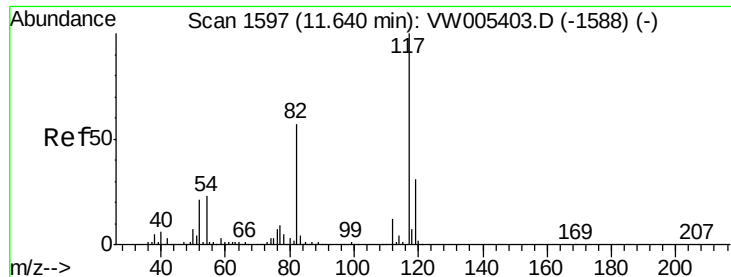
Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.2

176 80.1 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005420.D

Acq: 15 Sep 2018 08:09

Instrument :

MSVOA_W

ClientSampleId :

OR-03-091418-A

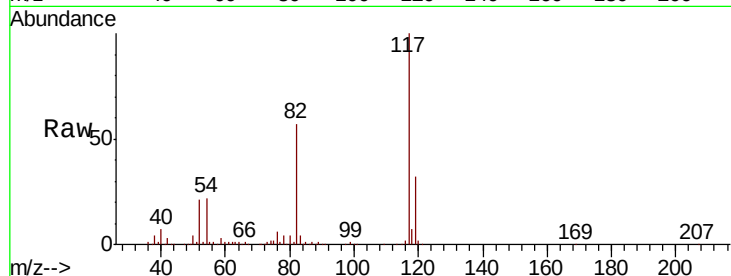
Tot Ion:117 Resp: 273928

Ion Ratio Lower Upper

117 100

82 57.2 45.9 68.9

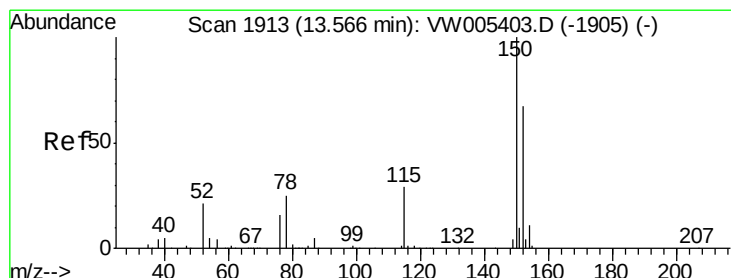
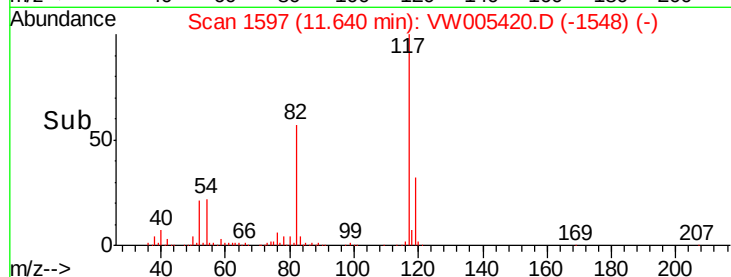
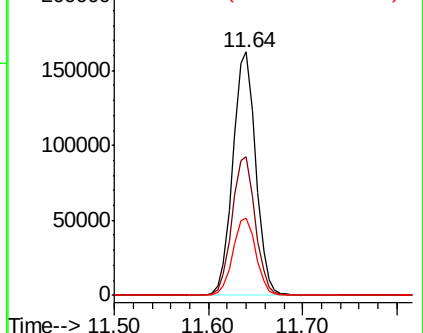
119 31.7 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005420.D

Acq: 15 Sep 2018 08:09

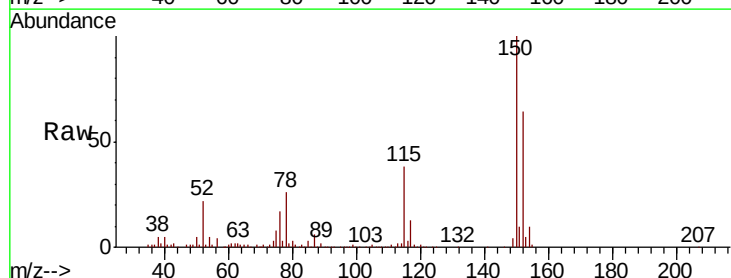
Tgt Ion:152 Resp: 85883

Ion Ratio Lower Upper

152 100

115 62.5 29.5 88.5

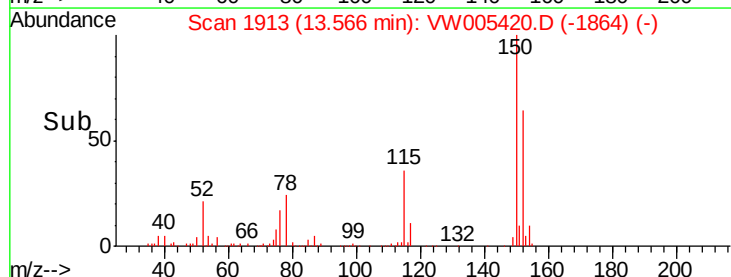
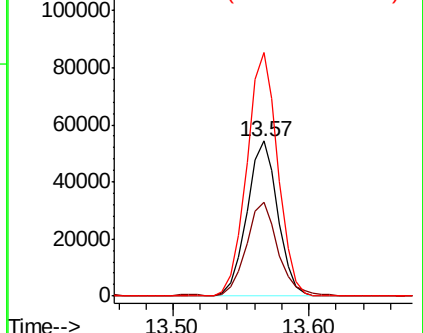
150 157.8 0.0 345.6

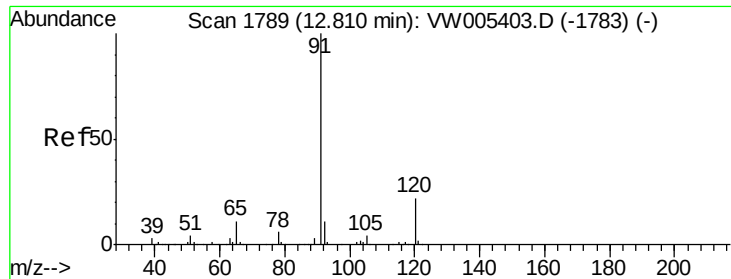


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 2.06 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005420.D

Acq: 15 Sep 2018 08:09

Instrument :

MSVOA_W

ClientSampled :

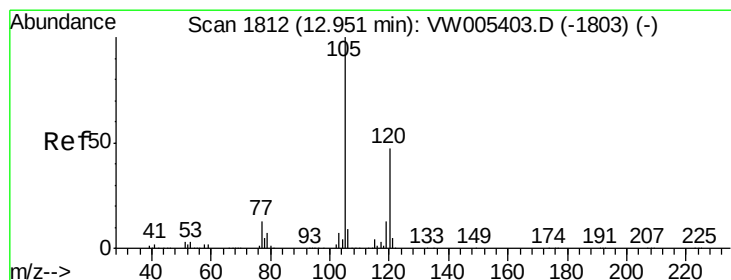
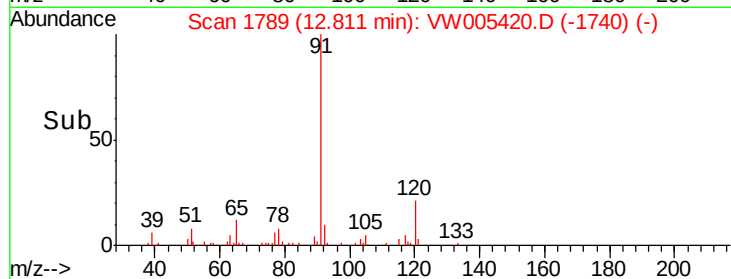
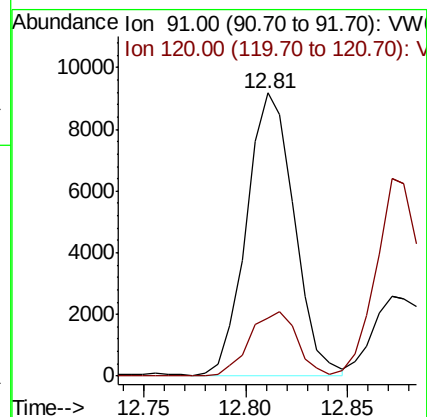
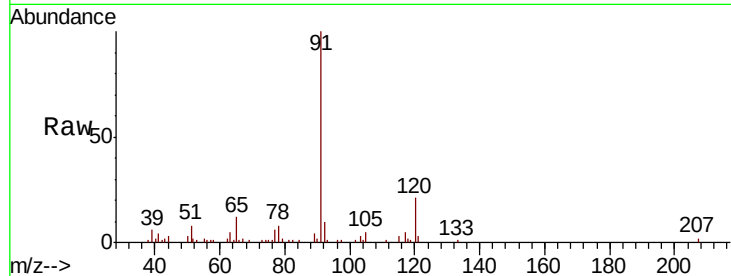
OR-03-091418-A

Tot Ion: 91 Resp: 14952

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8



#80

1,3,5-Trimethylbenzene

Concen: 3.71 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005420.D

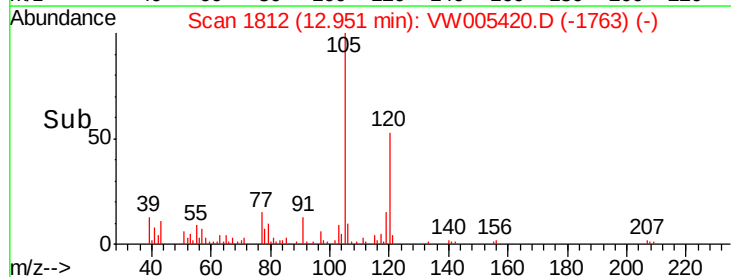
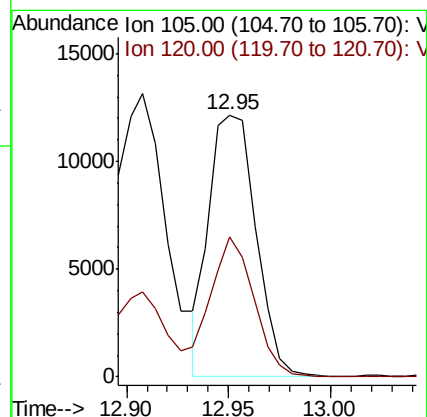
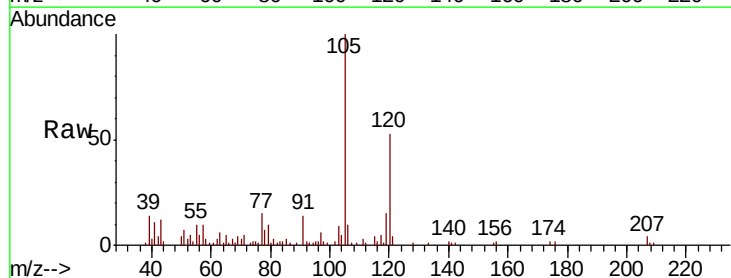
Acq: 15 Sep 2018 08:09

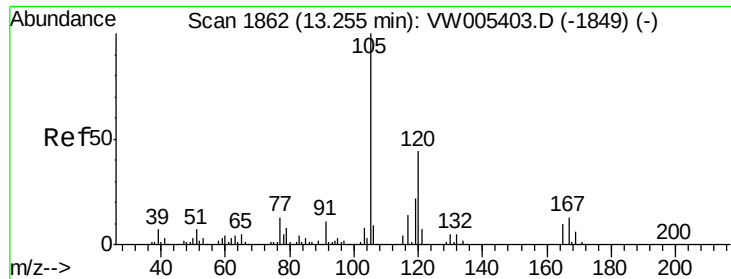
Tgt Ion:105 Resp: 19481

Ion Ratio Lower Upper

105 100

120 50.7 23.5 70.5

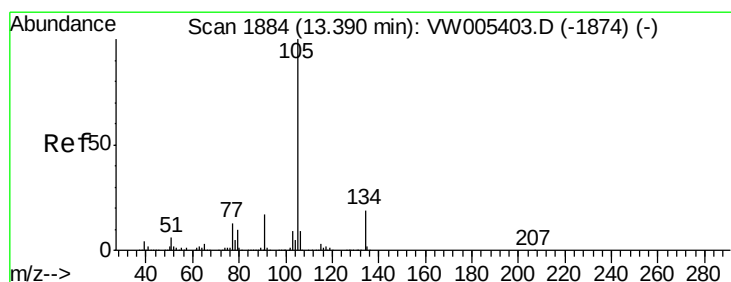
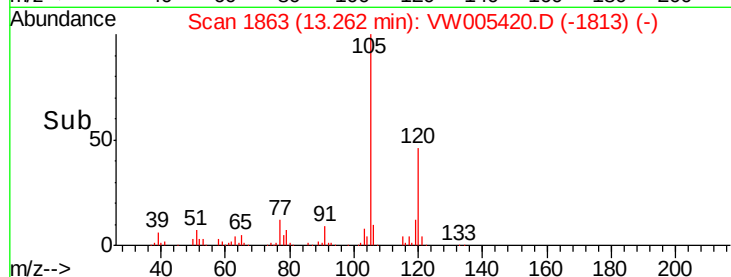
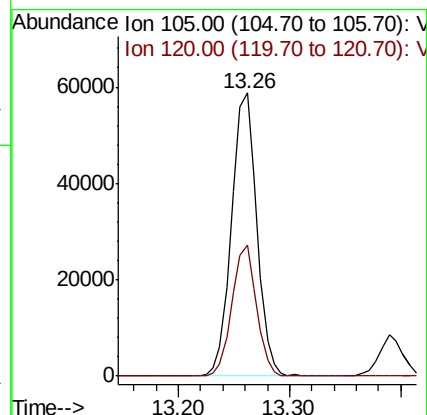
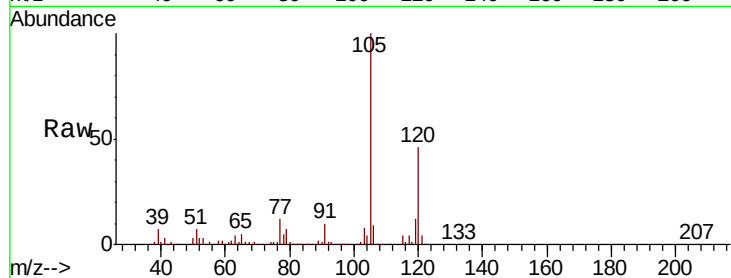




#84
1,2,4-Trimethylbenzene
Concen: 17.31 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005420.D
Acq: 15 Sep 2018 08:09

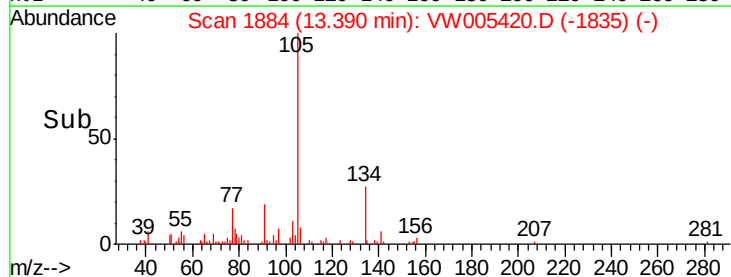
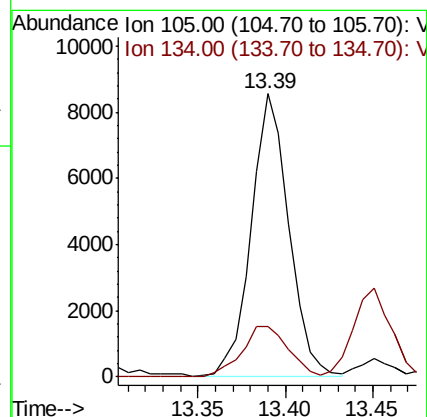
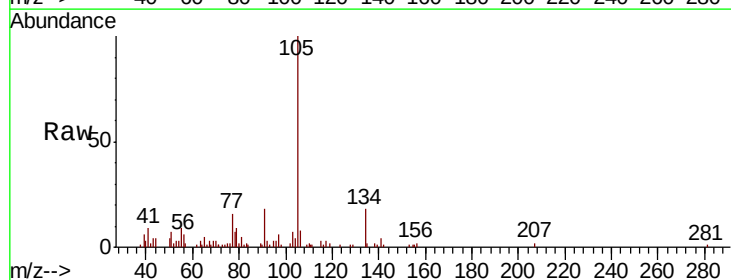
Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-A

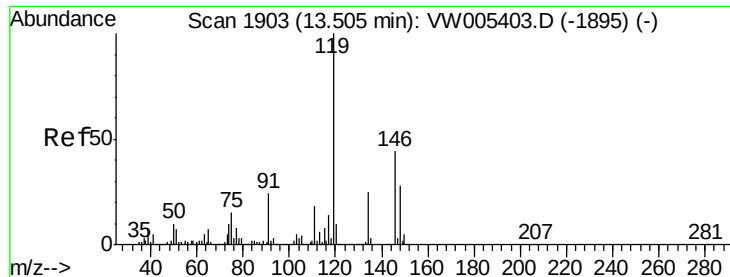
Tot Ion:105 Resp: 92412
Ion Ratio Lower Upper
105 100
120 44.8 21.8 65.3



#85
sec-Butylbenzene
Concen: 2.04 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW005420.D
Acq: 15 Sep 2018 08:09

Tgt Ion:105 Resp: 12848
Ion Ratio Lower Upper
105 100
134 22.2 9.8 29.5

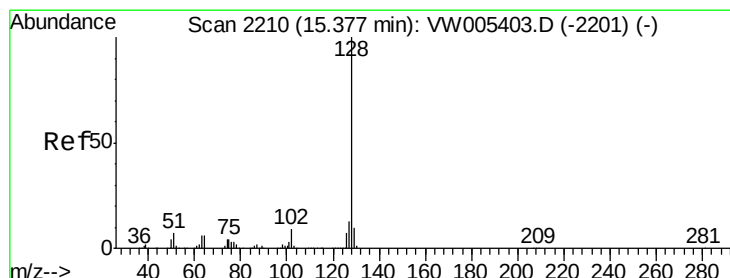
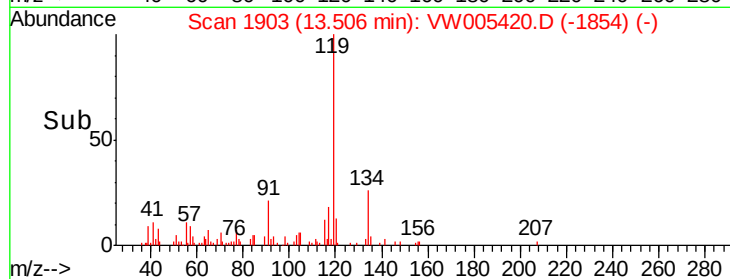
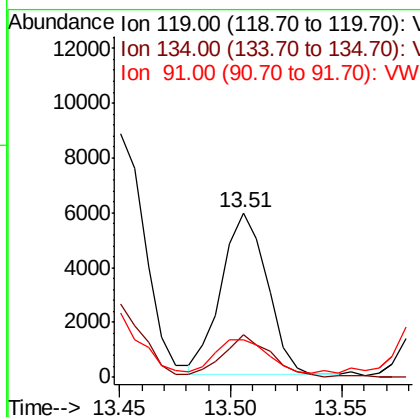
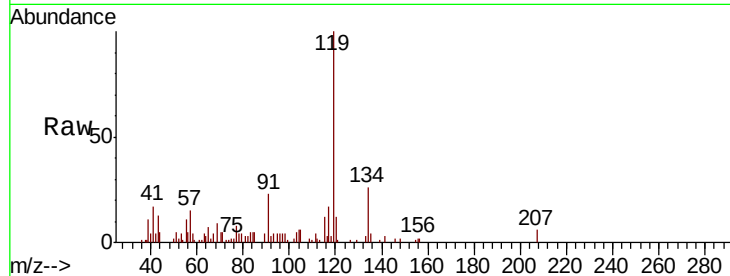




#86
 p-Isopropyltoluene
 Concen: 1.49 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005420.D
 Acq: 15 Sep 2018 08:09

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-091418-A

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	12.6	37.8
91	23.6	12.0	36.0



#95
 Naphthalene
 Concen: 5.15 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW005420.D
 Acq: 15 Sep 2018 08:09

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	11.0	16.4
129	8.9	8.7	13.1

