

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW091718\
 Data File : VW005461.D
 Acq On : 18 Sep 2018 05:26
 Operator : SY/AP
 Sample : J4946-01
 Misc : 6.62G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB12983RT

Quant Time: Sep 19 14:43:13 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	269423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	439220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	351692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137305	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	125257	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	
35) Dibromofluoromethane	7.89	113	95332	38.71	ug/l	0.00
Spiked Amount			Recovery	=	77.42%	
50) Toluene-d8	10.33	98	352609	31.27	ug/l	0.00
Spiked Amount			Recovery	=	62.54%	
62) 4-Bromofluorobenzene	12.63	95	122141	29.54	ug/l	0.00
Spiked Amount			Recovery	=	59.08%	

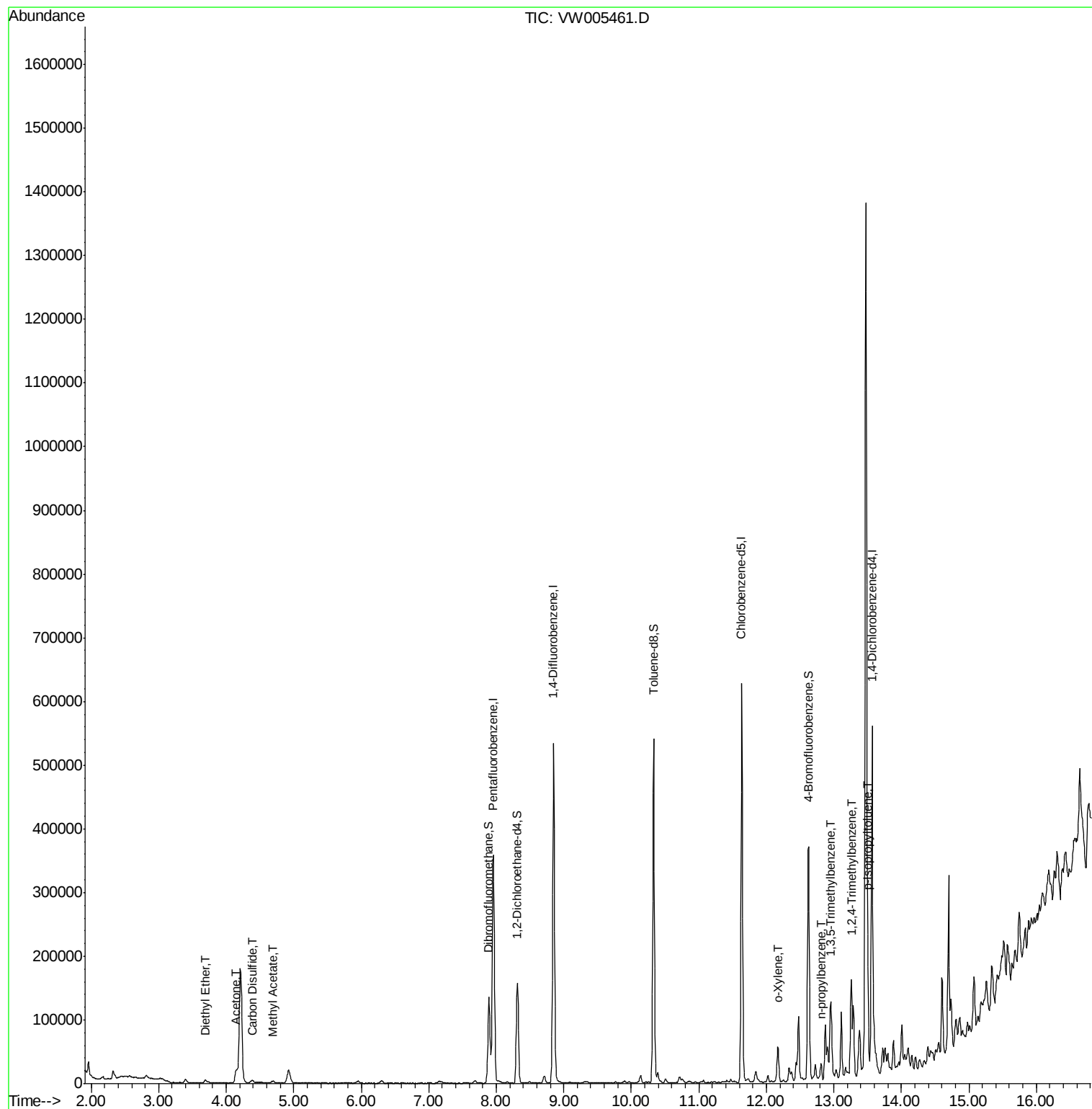
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.70	74	2251	1.92	ug/l	76
16) Acetone	4.15	43	44540	99.93	ug/l	98
17) Carbon Disulfide	4.38	76	8451	1.15	ug/l	96
18) Methyl Acetate	4.70	43	5840	4.35	ug/l #	81
69) o-Xylene	12.17	106	13549	2.88	ug/l	98
78) n-propylbenzene	12.81	91	18591	1.60	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	34473	4.10	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	84522	9.90	ug/l	99
86) p-Isopropyltoluene	13.51	119	96626	10.71	ug/l #	75

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

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QLast Update : Sat Sep 15 02:32:34 2018
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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: VW005461.D

Acq: 18 Sep 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

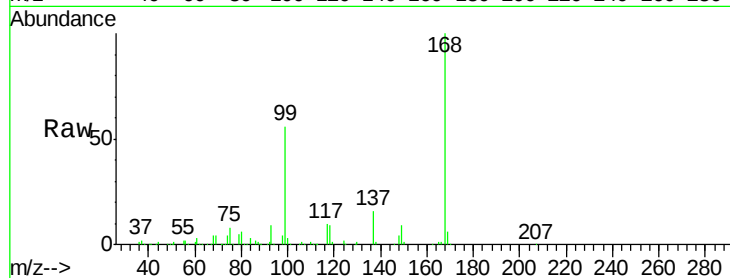
RB12983RT

Tot Ion:168 Resp: 269423

Ion Ratio Lower Upper

168 100

99 56.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

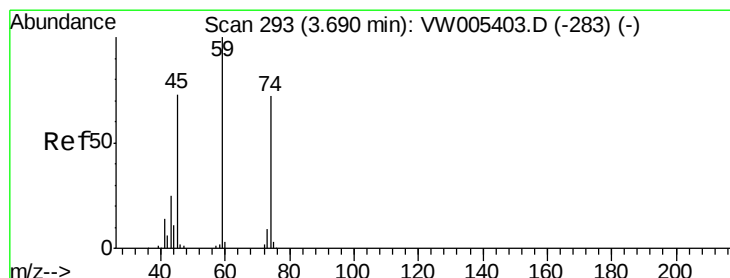
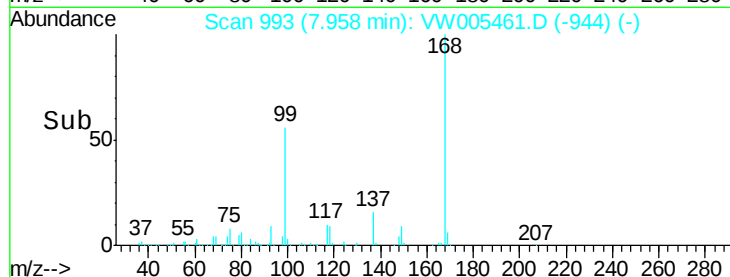
7.96

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.92 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW005461.D

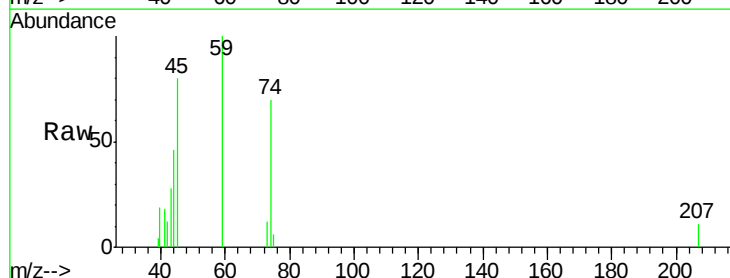
Acq: 18 Sep 2018 05:26

Tgt Ion: 74 Resp: 2251

Ion Ratio Lower Upper

74 100

45 131.4 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.70

1200

1000

800

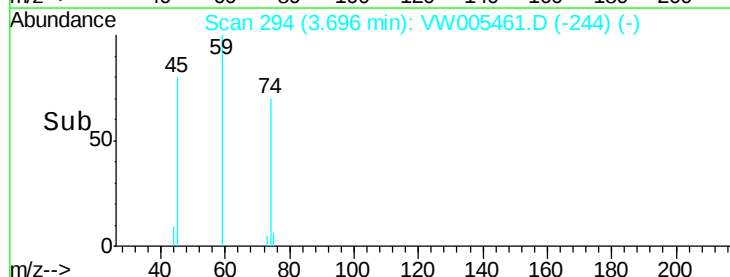
600

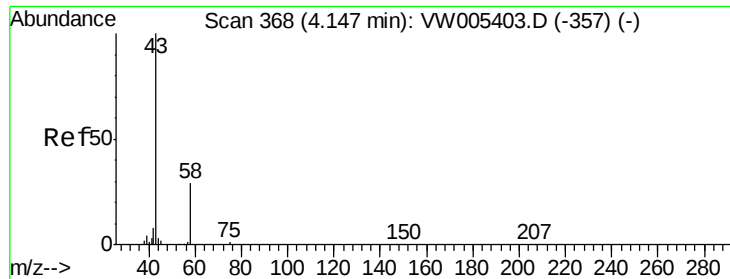
400

200

0

Time-->





#16

Acetone

Concen: 99.93 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005461.D

Acq: 18 Sep 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

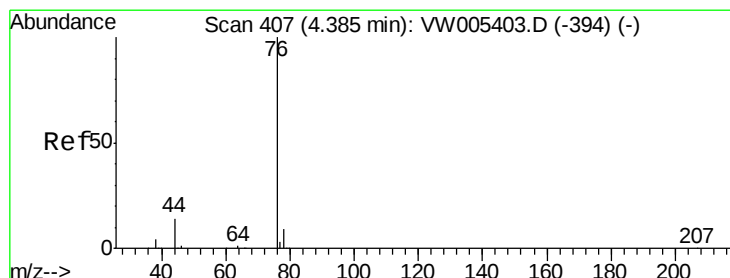
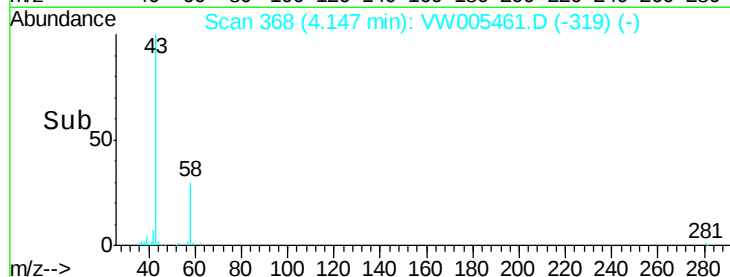
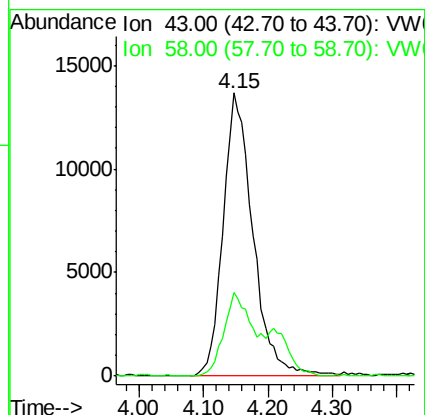
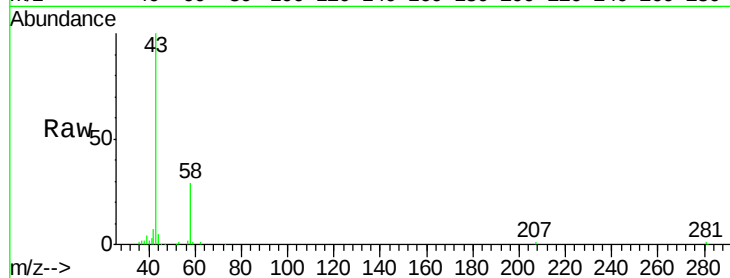
RB12983RT

Tot Ion: 43 Resp: 44540

Ion Ratio Lower Upper

43 100

58 29.4 22.8 34.2



#17

Carbon Disulfide

Concen: 1.15 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005461.D

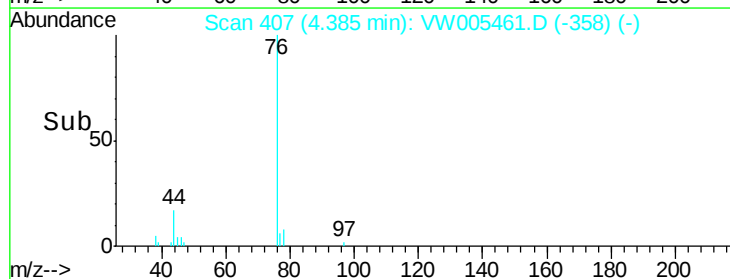
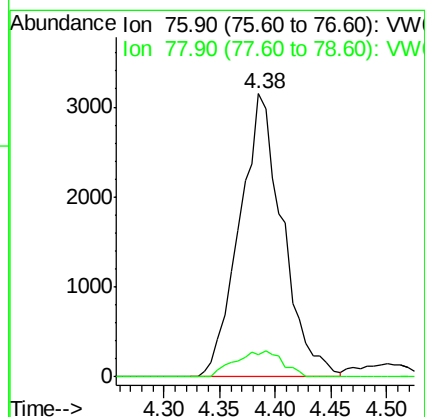
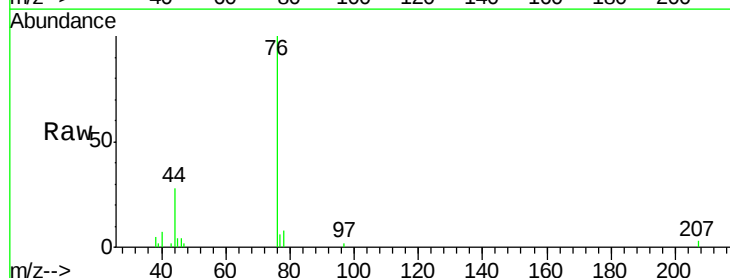
Acq: 18 Sep 2018 05:26

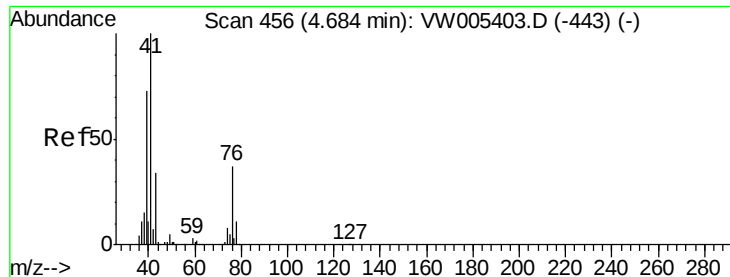
Tgt Ion: 76 Resp: 8451

Ion Ratio Lower Upper

76 100

78 7.7 7.4 11.0

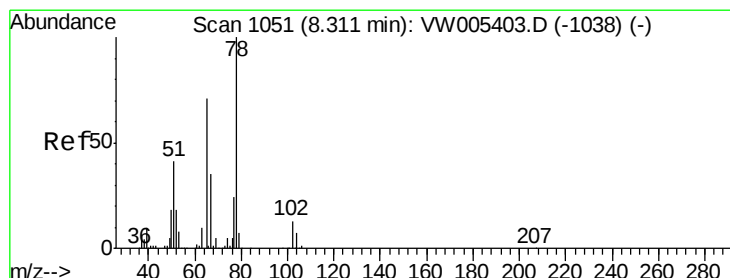
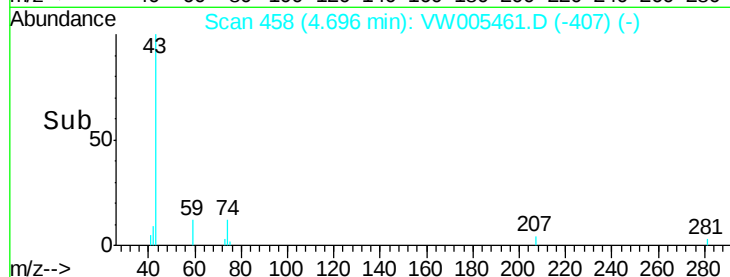
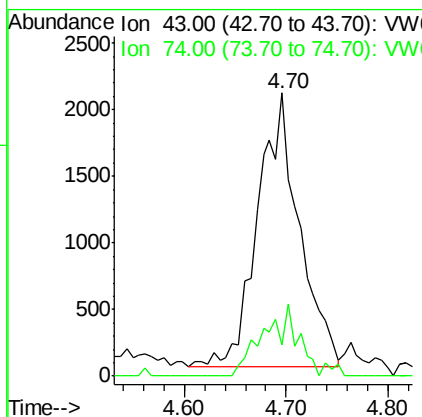
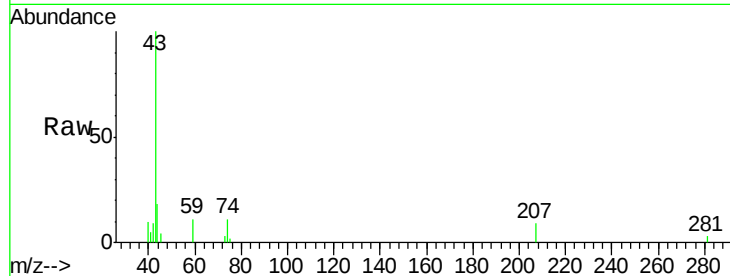




#18
Methvl Acetate
Concen: 4.35 ug/l
RT: 4.70 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW005461.D
Acq: 18 Sep 2018 05:26

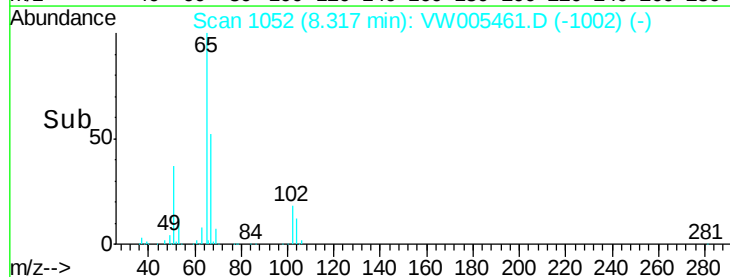
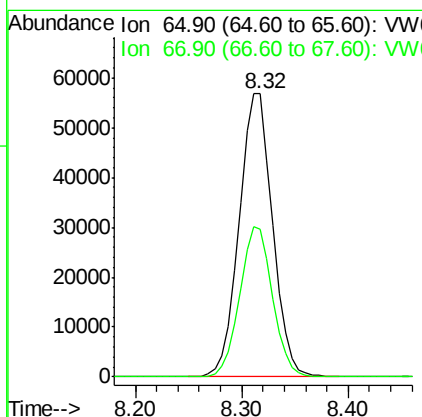
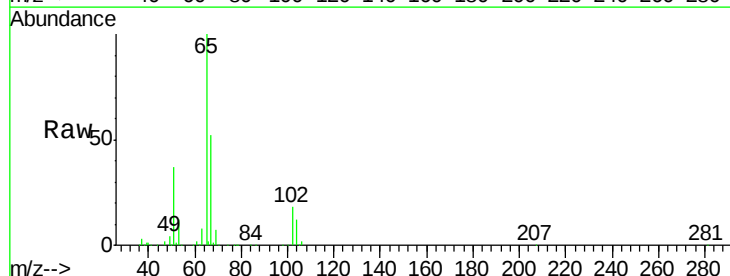
Instrument :
MSVOA_W
ClientSampleId :
RB12983RT

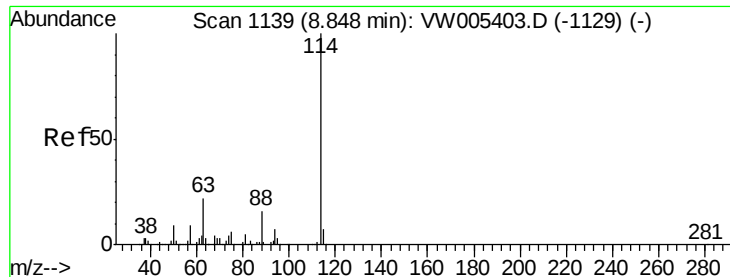
Tot Ion: 43 Resp: 5840
Ion Ratio Lower Upper
43 100
74 13.1 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 44.79 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005461.D
Acq: 18 Sep 2018 05:26

Tgt Ion: 65 Resp: 125257
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.6

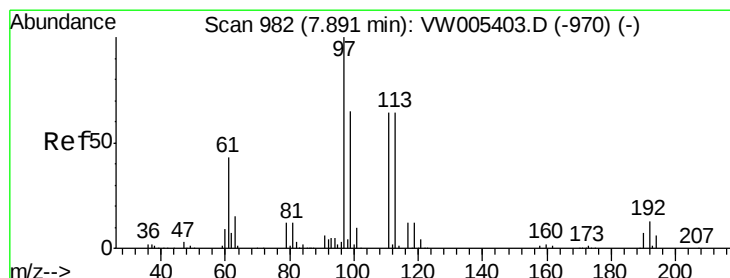
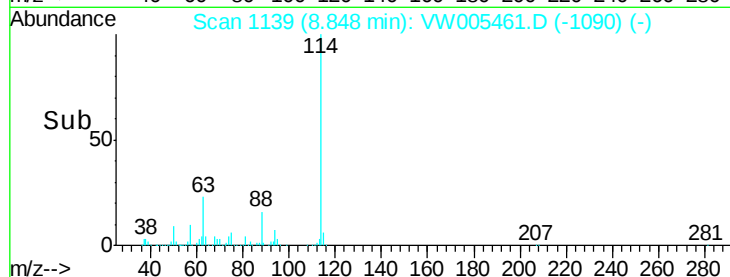
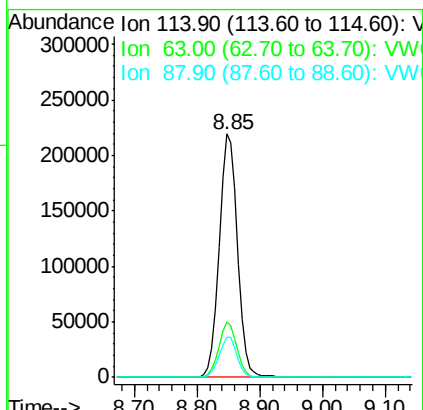
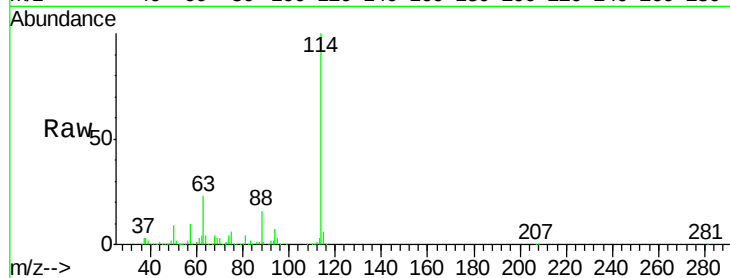




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005461.D
 Acq: 18 Sep 2018 05:26

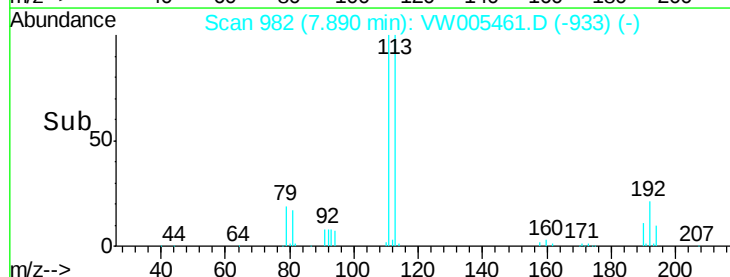
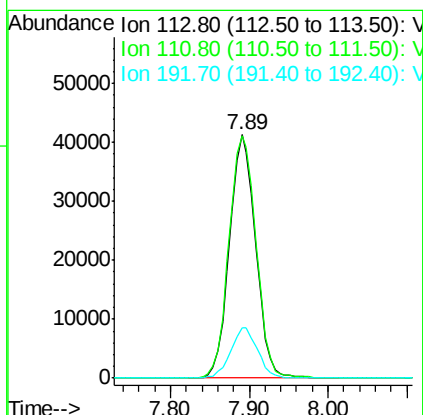
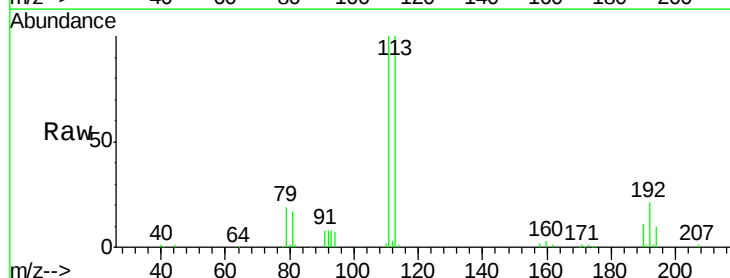
Instrument :
 MSVOA_W
 ClientSampleId :
 RB12983RT

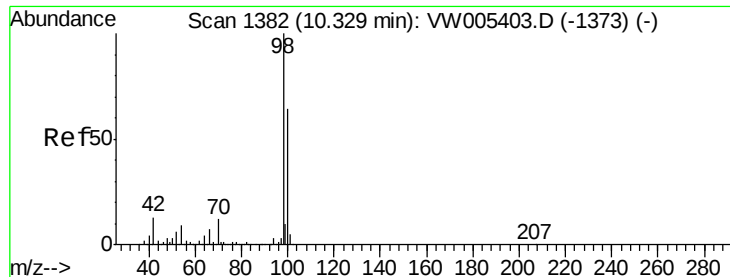
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	43.4
88	16.2	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 38.71 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005461.D
 Acq: 18 Sep 2018 05:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	20.9	16.5	24.7





#50

Toluene-d8

Concen: 31.27 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005461.D

Acq: 18 Sep 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

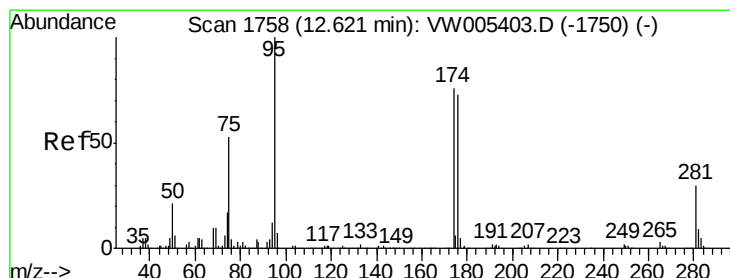
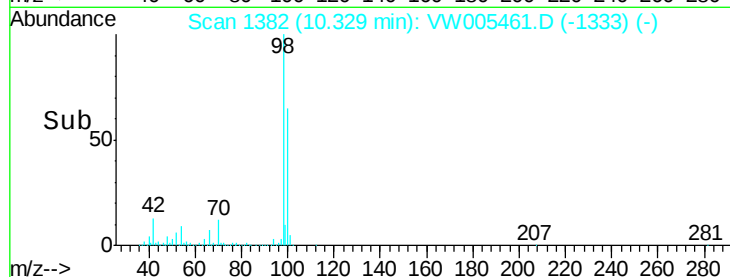
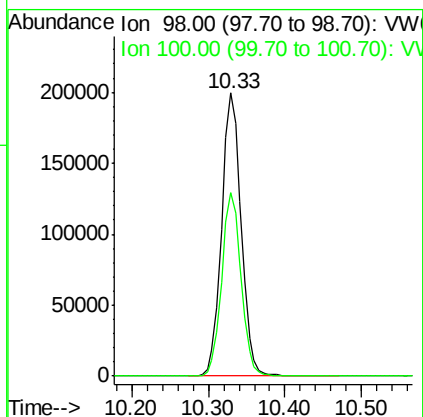
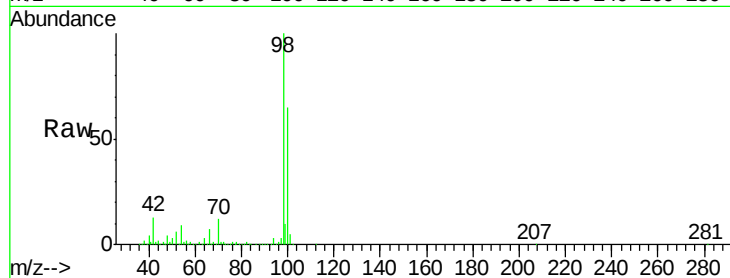
RB12983RT

Tot Ion: 98 Resp: 352609

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 29.54 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005461.D

Acq: 18 Sep 2018 05:26

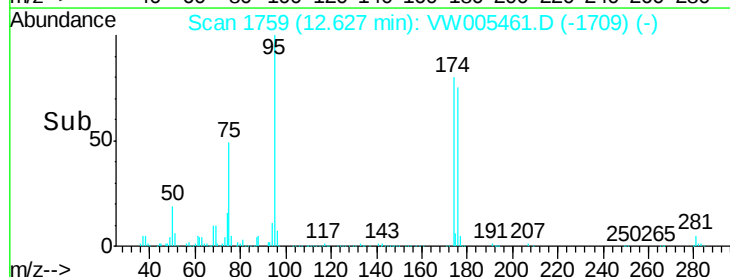
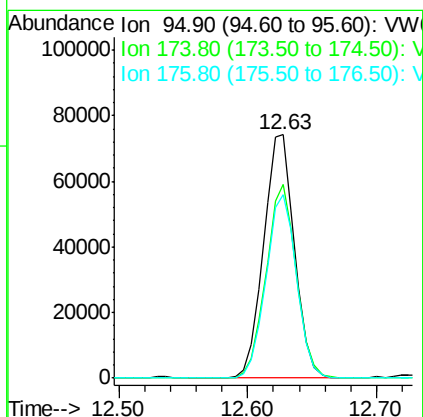
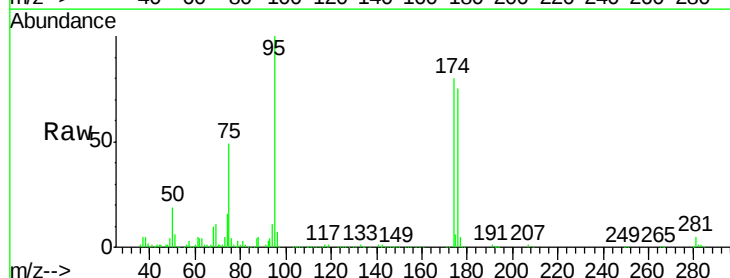
Tgt Ion: 95 Resp: 122141

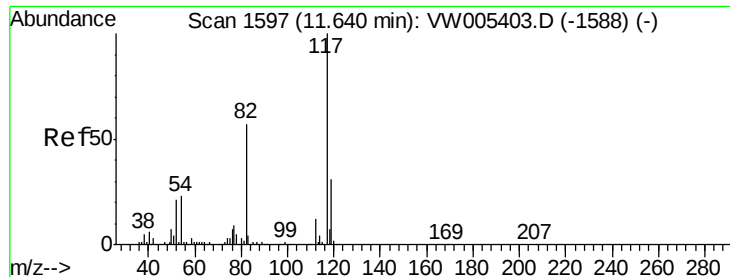
Ion Ratio Lower Upper

95 100

174 78.6 0.0 161.2

176 75.6 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: VW005461.D

Acq: 18 Sep 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

RB12983RT

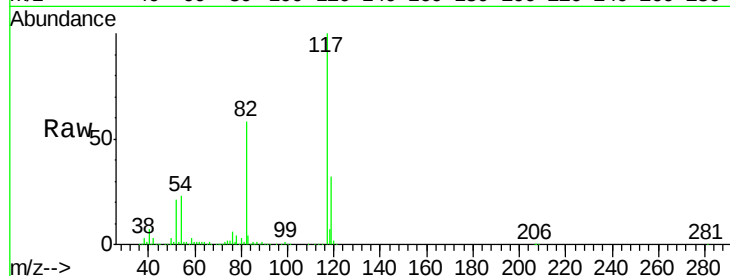
Tot Ion:117 Resp: 351692

Ion Ratio Lower Upper

117 100

82 57.6 45.9 68.9

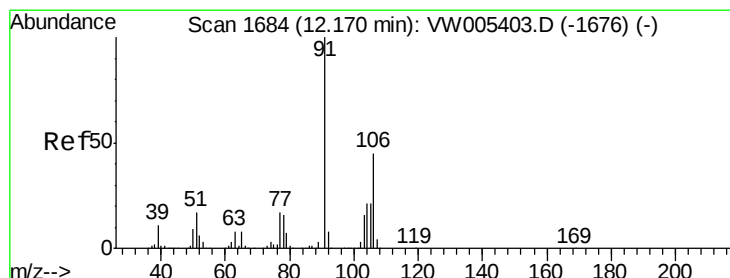
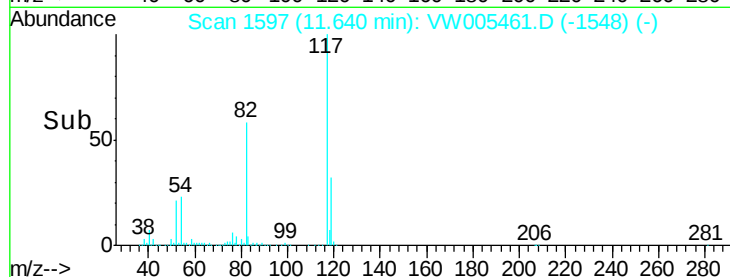
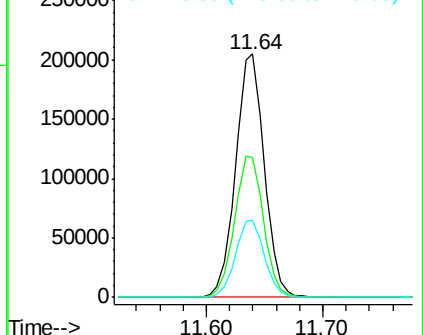
119 31.5 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#69

o-Xylene

Concen: 2.88 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW005461.D

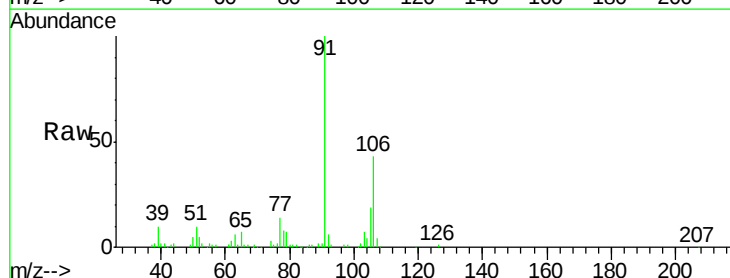
Acq: 18 Sep 2018 05:26

Tgt Ion:106 Resp: 13549

Ion Ratio Lower Upper

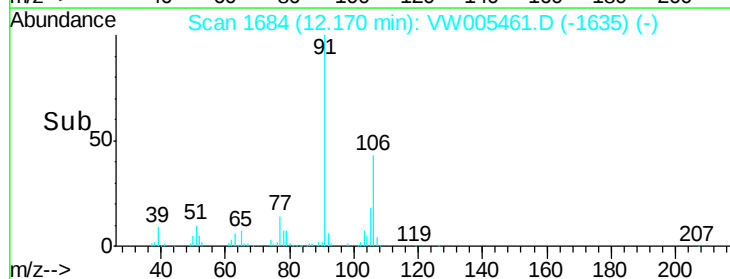
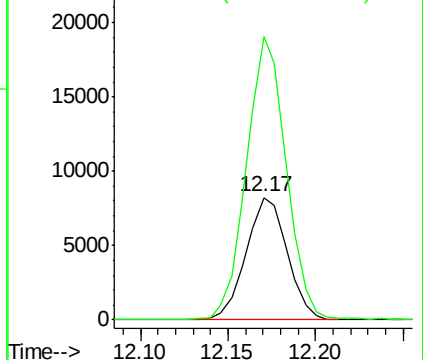
106 100

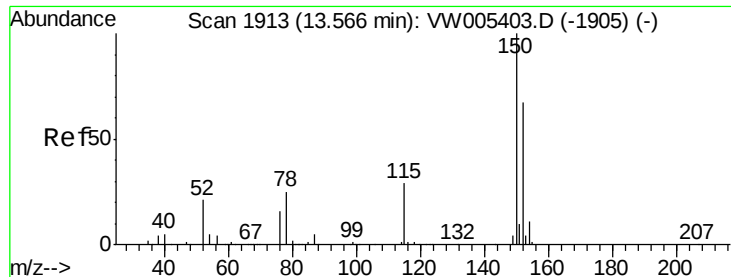
91 224.8 110.6 331.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005461.D

Acq: 18 Sep 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

RB12983RT

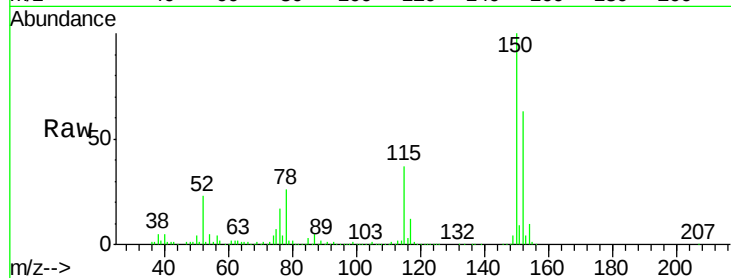
Tot Ion:152 Resp: 137305

Ion Ratio Lower Upper

152 100

115 60.6 29.5 88.5

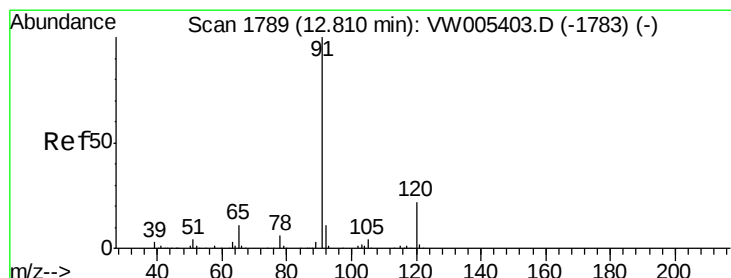
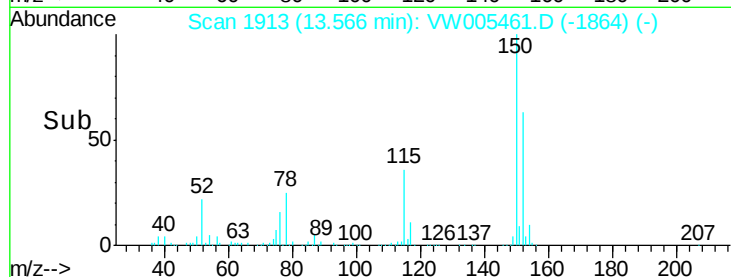
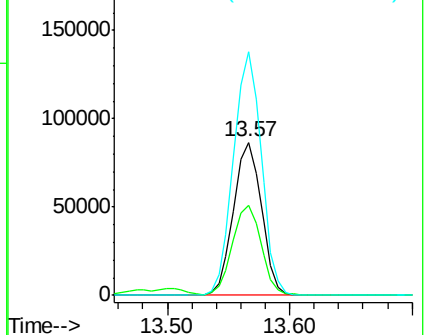
150 158.1 0.0 345.6



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: 1.60 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005461.D

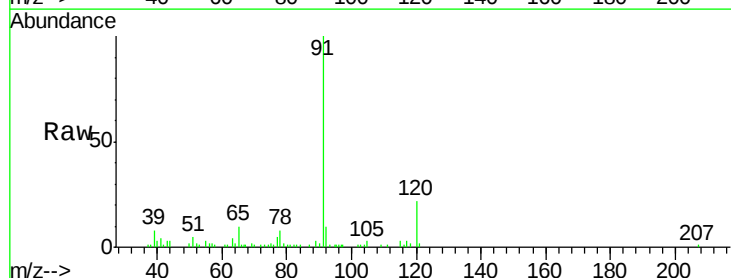
Acq: 18 Sep 2018 05:26

Tgt Ion: 91 Resp: 18591

Ion Ratio Lower Upper

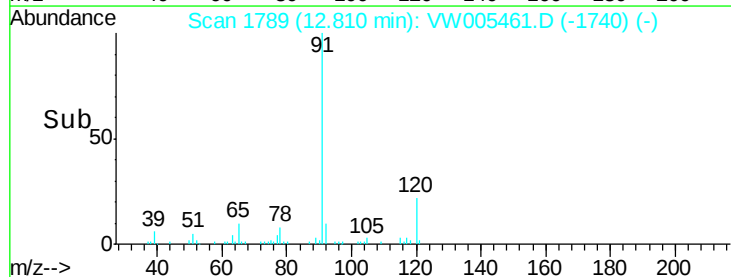
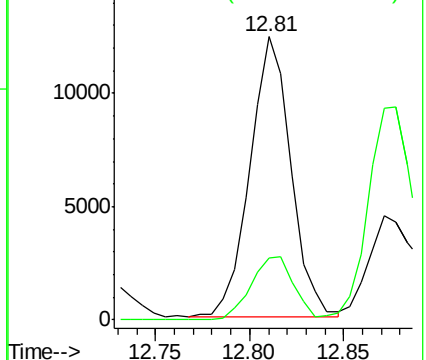
91 100

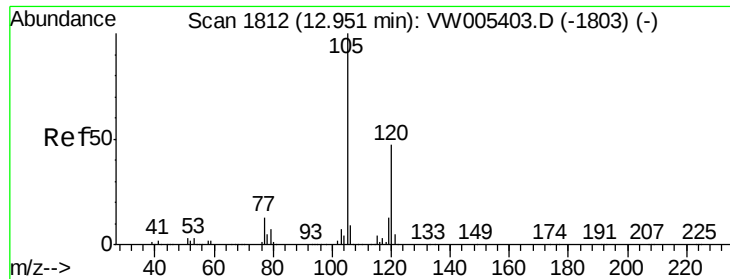
120 23.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 4.10 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005461.D

Acq: 18 Sep 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

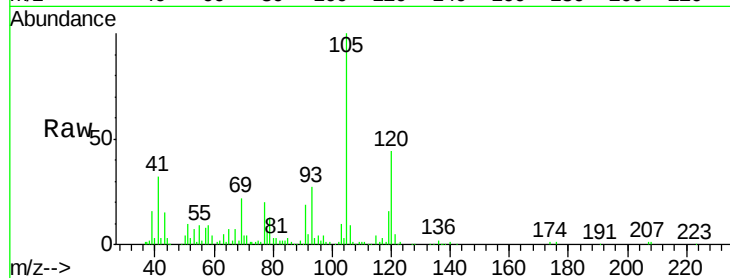
RB12983RT

Tot Ion:105 Resp: 34473

Ion Ratio Lower Upper

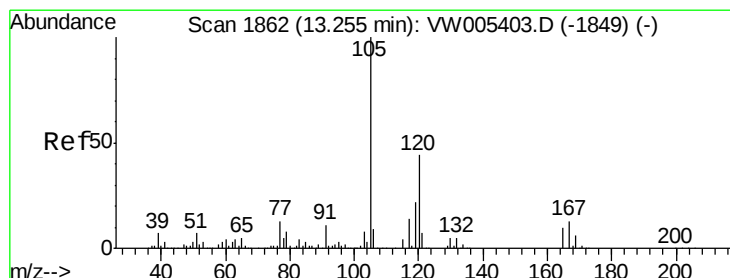
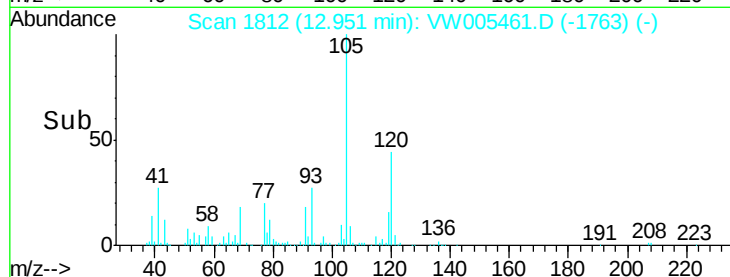
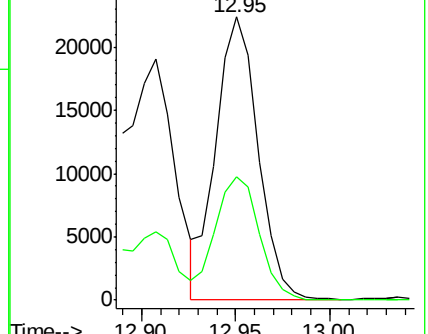
105 100

120 45.8 23.5 70.5



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: 9.90 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW005461.D

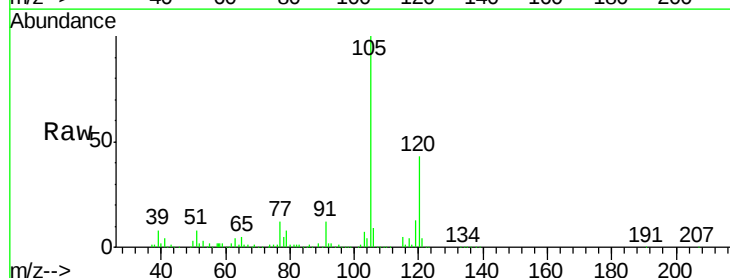
Acq: 18 Sep 2018 05:26

Tgt Ion:105 Resp: 84522

Ion Ratio Lower Upper

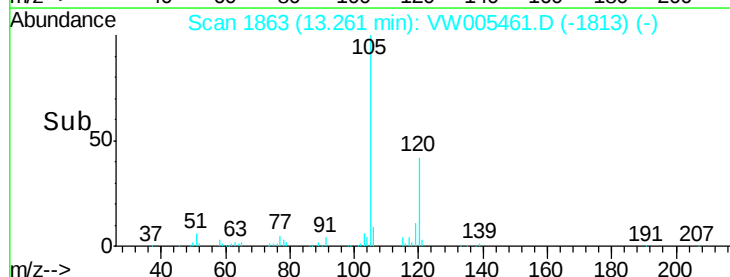
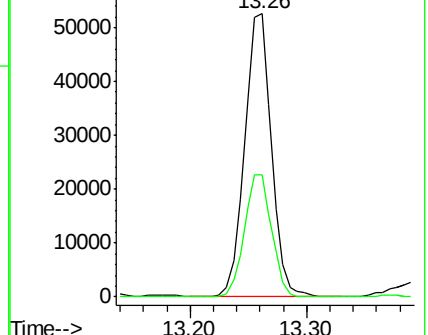
105 100

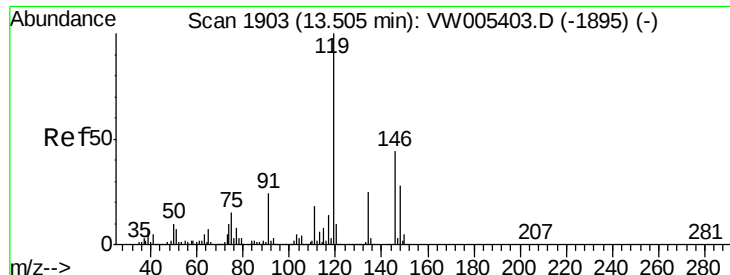
120 44.1 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

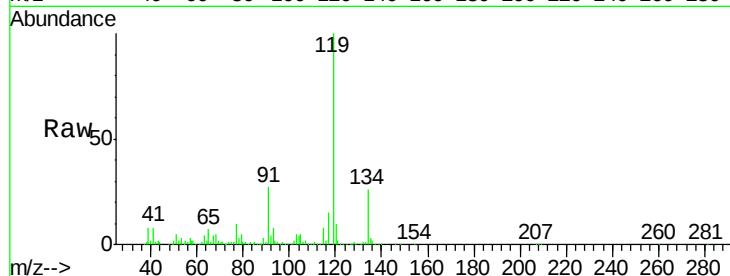




#86
 p-Isopropyltoluene
 Concen: 10.71 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005461.D
 Acq: 18 Sep 2018 05:26

Instrument :
 MSVOA_W
 ClientSampleId :
 RB12983RT

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.6	37.8
91	0.0	12.0	36.0



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

