

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005508.D
 Acq On : 19 Sep 2018 05:47
 Operator : SY/AP
 Sample : J4967-03RE
 Misc : 4.17G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-UST-091718-03RE

Quant Time: Sep 19 07:14:13 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	248059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	395063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	335018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130138	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	117134	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	
35) Dibromofluoromethane	7.89	113	92888	41.93	ug/l	0.00
Spiked Amount			Recovery	=	83.86%	
50) Toluene-d8	10.33	98	333631	32.89	ug/l	0.00
Spiked Amount			Recovery	=	65.78%	
62) 4-Bromofluorobenzene	12.62	95	123024	33.08	ug/l	0.00
Spiked Amount			Recovery	=	66.16%	

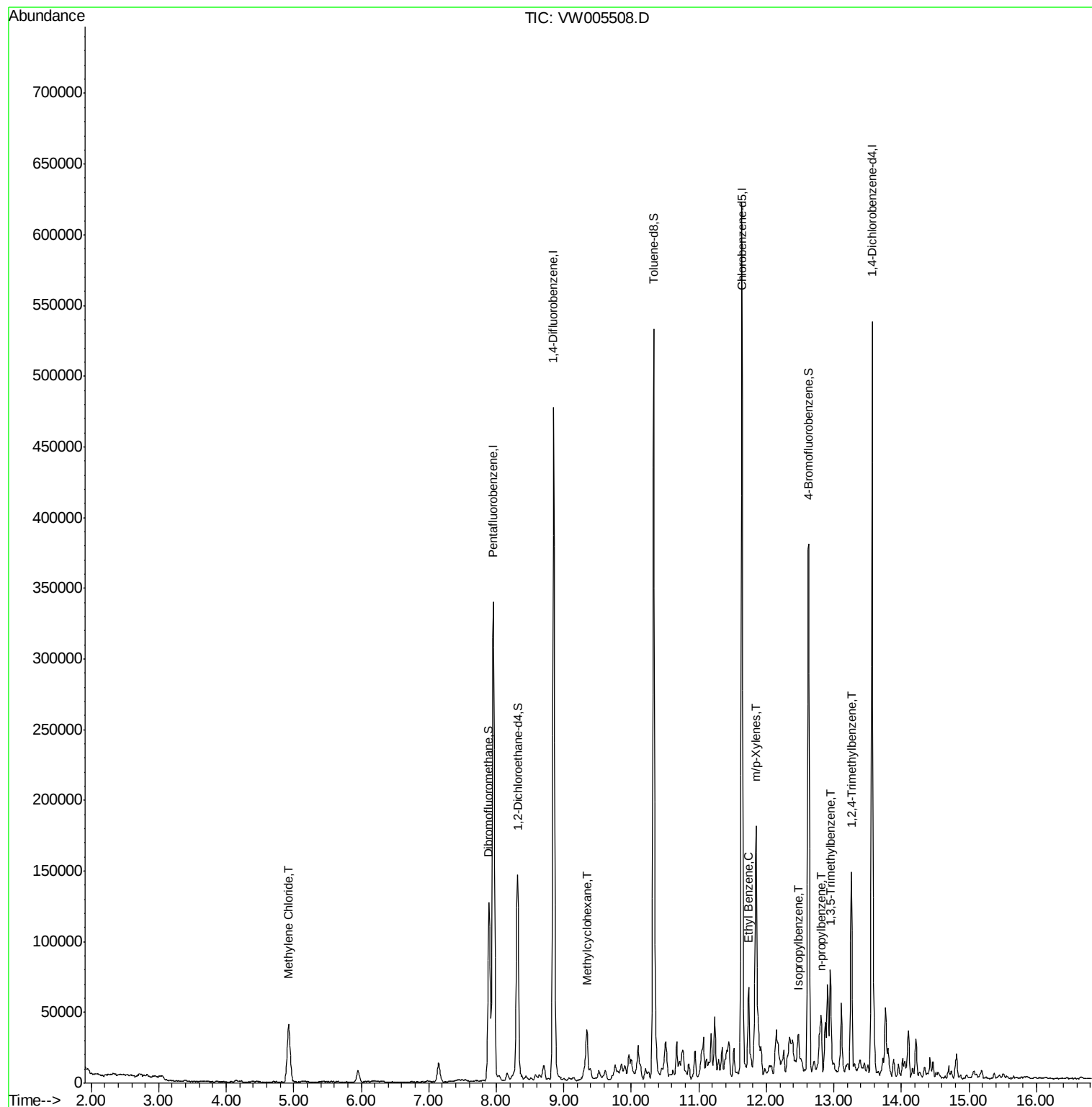
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	31003	7.23	ug/l	93
39) Methylcyclohexane	9.34	83	10553	2.43	ug/l	94
67) Ethyl Benzene	11.74	91	37500	3.00	ug/l	99
68) m/p-Xylenes	11.85	106	52646	10.94	ug/l	99
73) Isopropylbenzene	12.47	105	13042	1.43	ug/l	98
78) n-propylbenzene	12.81	91	28165	2.56	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	24984	3.14	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	77927	9.63	ug/l	99

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

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Quant Title : SW846 8260
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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: VW005508.D

Acq: 19 Sep 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

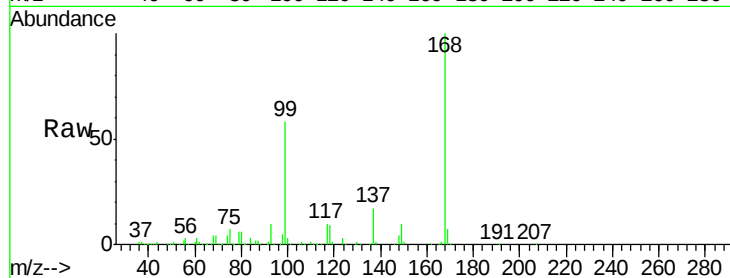
SUP-UST-091718-03RE

Tot Ion:168 Resp: 248059

Ion Ratio Lower Upper

168 100

99 58.3 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

120000

100000

80000

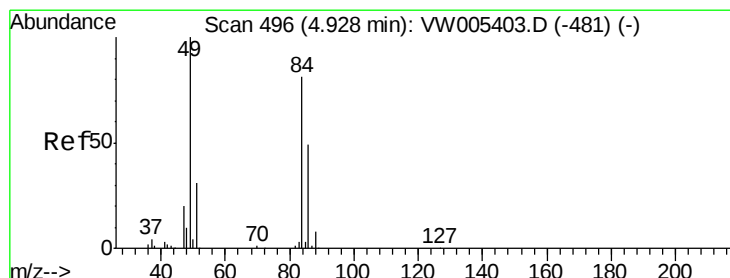
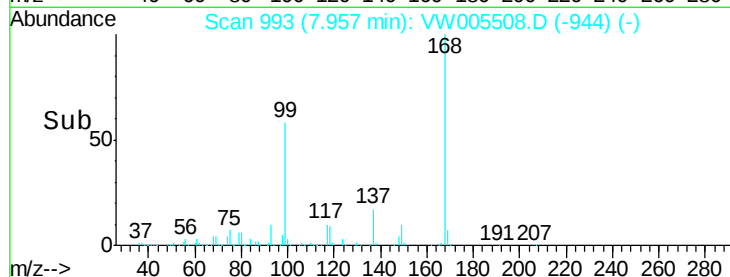
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 7.23 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005508.D

Acq: 19 Sep 2018 05:47

Tgt Ion: 84 Resp: 31003

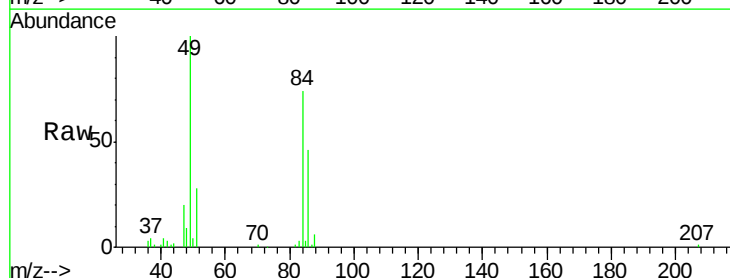
Ion Ratio Lower Upper

84 100

49 136.0 99.3 148.9

51 38.5 31.1 46.7

86 63.1 49.1 73.7



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

20000

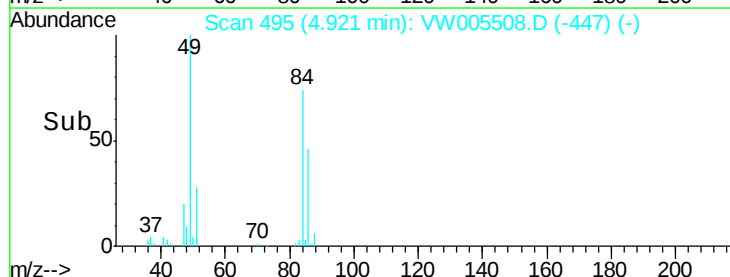
15000

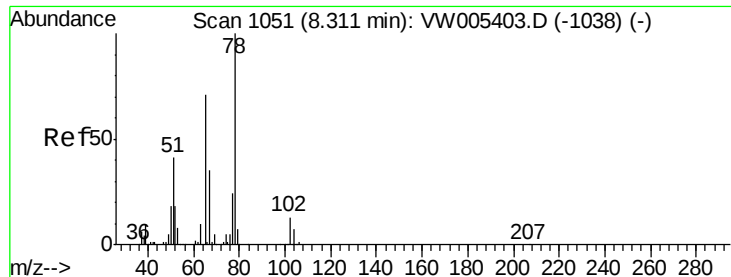
10000

5000

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Time-->

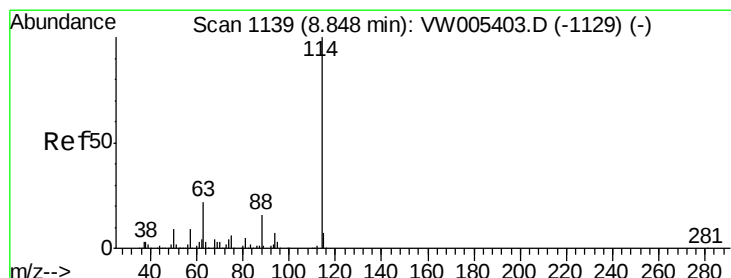
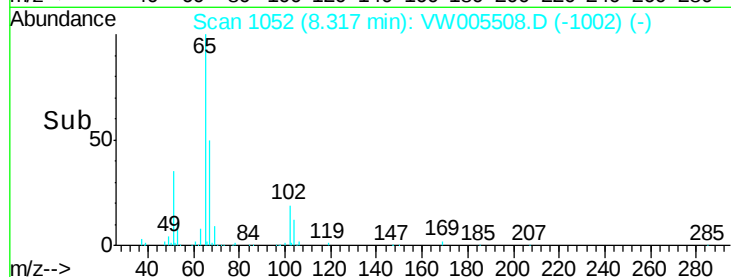
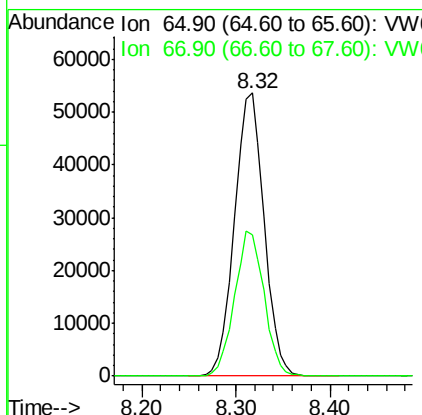
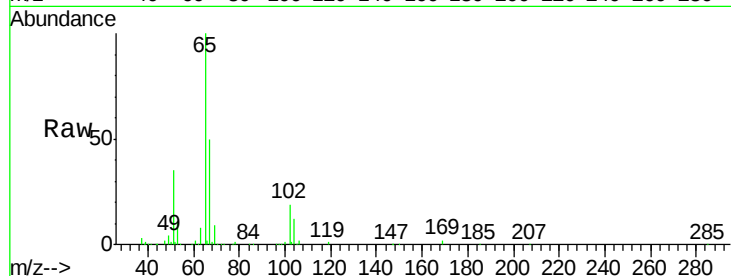




#33
 1,2-Dichloroethane-d4
 Concen: 45.49 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005508.D
 Acq: 19 Sep 2018 05:47

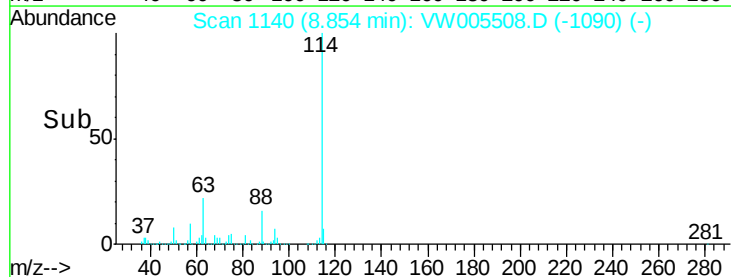
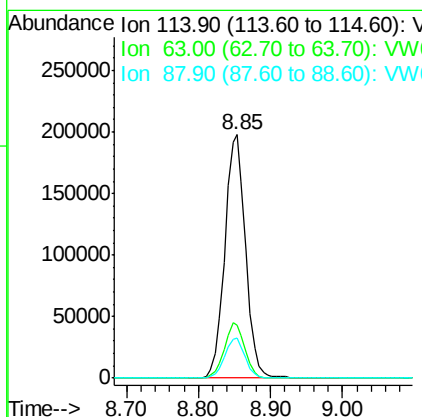
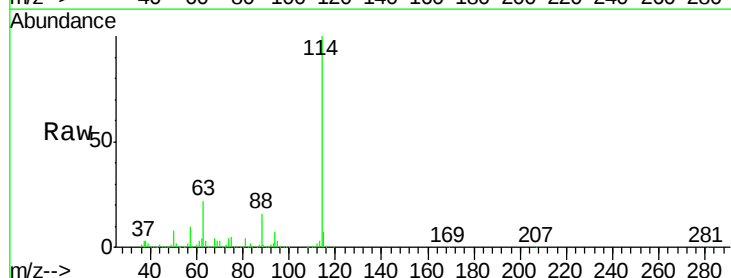
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-UST-091718-03RE

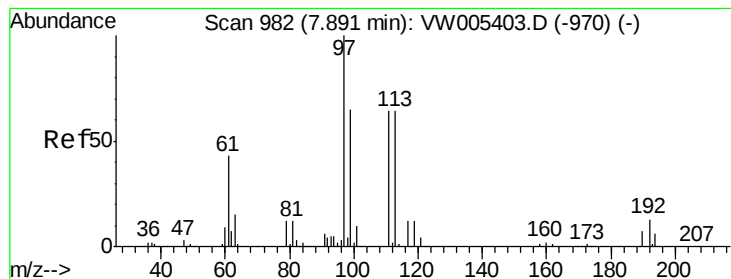
Tot Ion: 65 Resp: 117134
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005508.D
 Acq: 19 Sep 2018 05:47

Tgt Ion: 114 Resp: 395063
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.4
 88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 41.93 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005508.D

Acq: 19 Sep 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

SUP-UST-091718-03RE

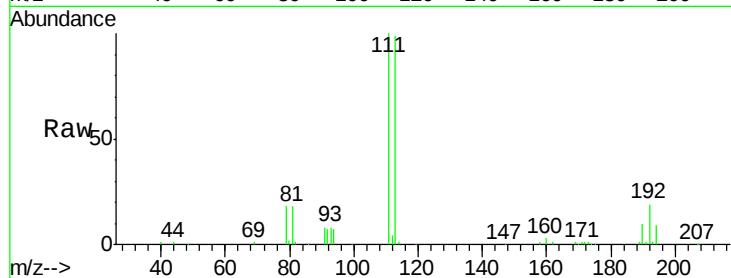
Tot Ion:113 Resp: 92888

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

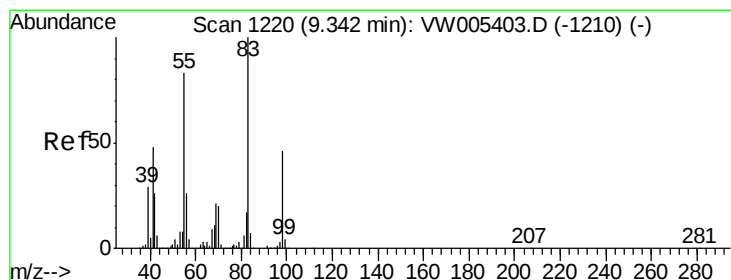
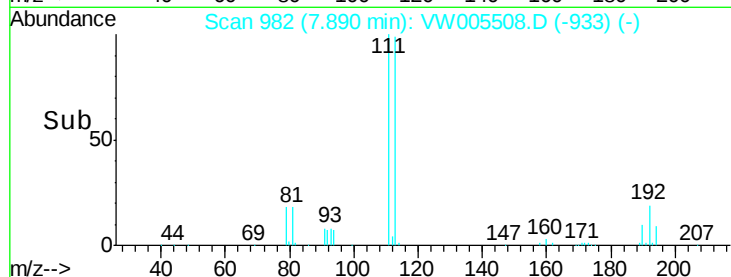
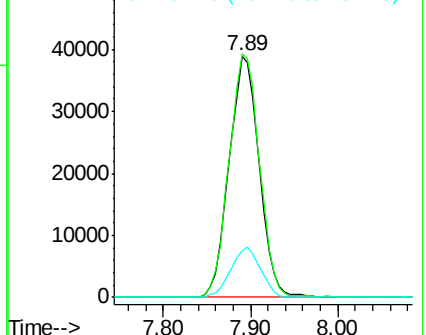
192 20.7 16.5 24.7



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



#39

Methylcyclohexane

Concen: 2.43 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005508.D

Acq: 19 Sep 2018 05:47

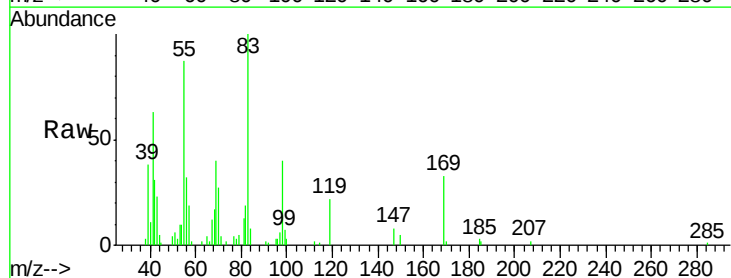
Tgt Ion: 83 Resp: 10553

Ion Ratio Lower Upper

83 100

55 86.6 66.1 99.1

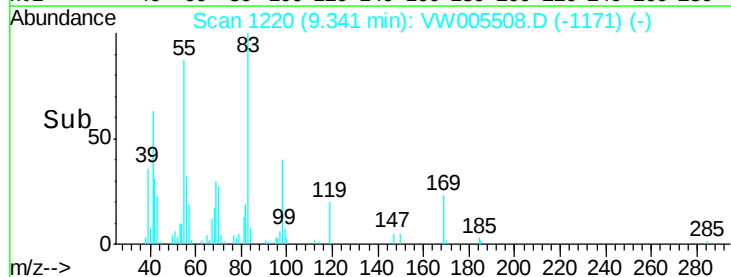
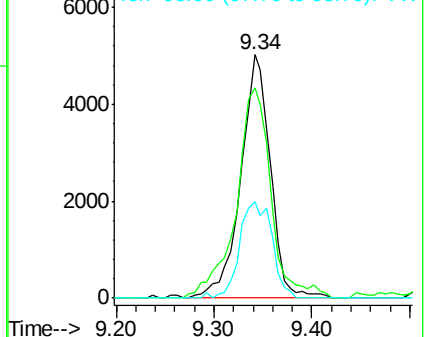
98 39.7 36.7 55.1

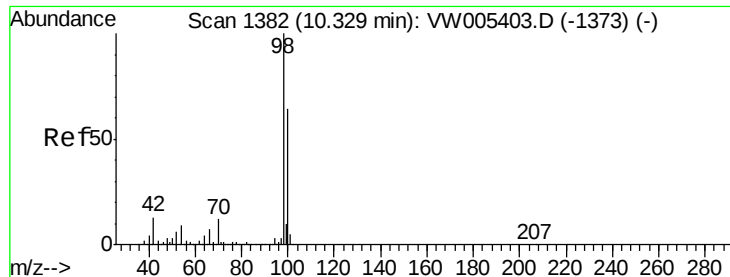


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 32.89 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005508.D

Acq: 19 Sep 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

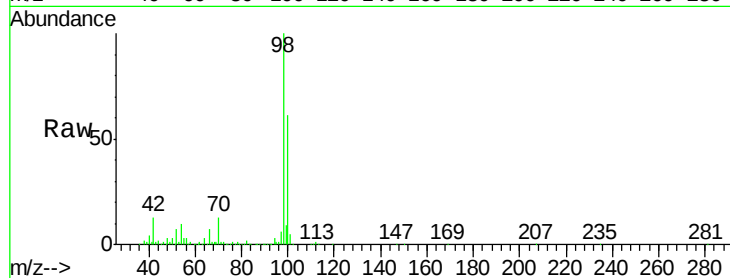
SUP-UST-091718-03RE

Tot Ion: 98 Resp: 333631

Ion Ratio Lower Upper

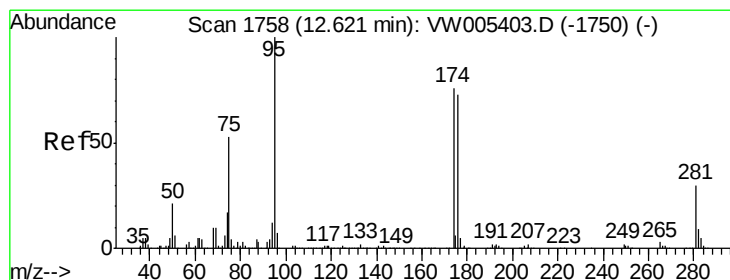
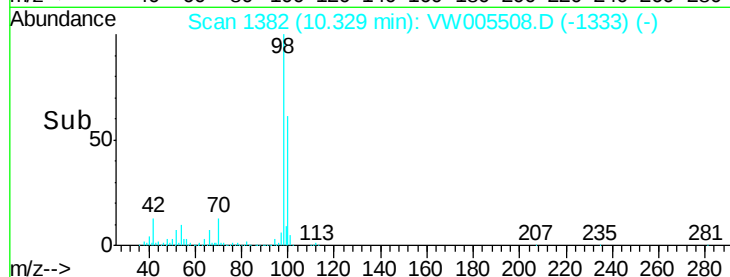
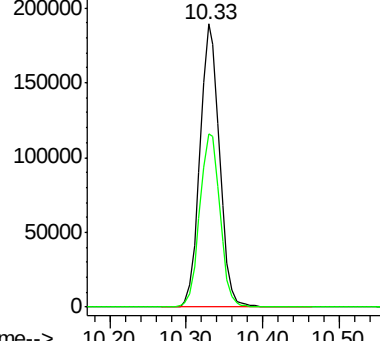
98 100

100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 33.08 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005508.D

Acq: 19 Sep 2018 05:47

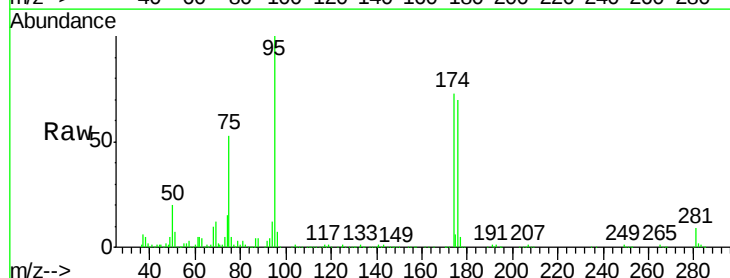
Tgt Ion: 95 Resp: 123024

Ion Ratio Lower Upper

95 100

174 77.5 0.0 161.2

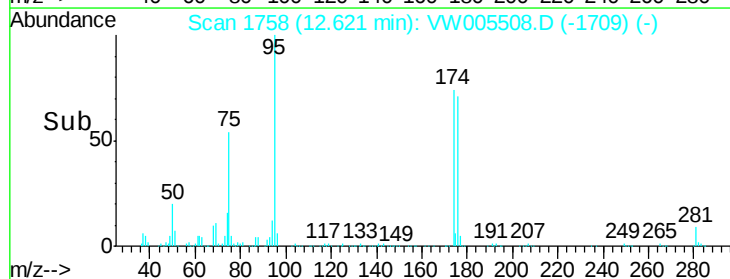
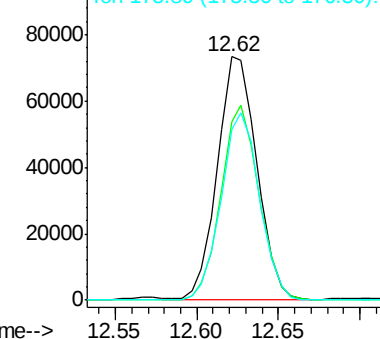
176 75.2 0.0 156.6

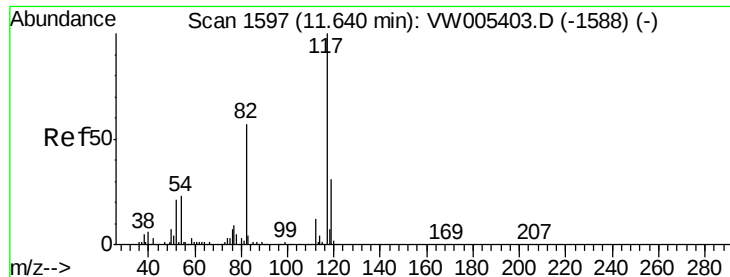


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005508.D

Acq: 19 Sep 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

SUP-UST-091718-03RE

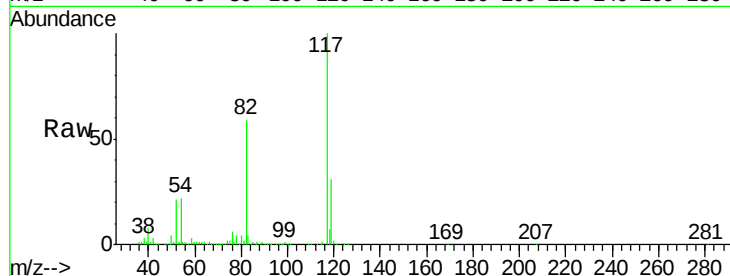
Tot Ion:117 Resp: 335018

Ion Ratio Lower Upper

117 100

82 58.4 45.9 68.9

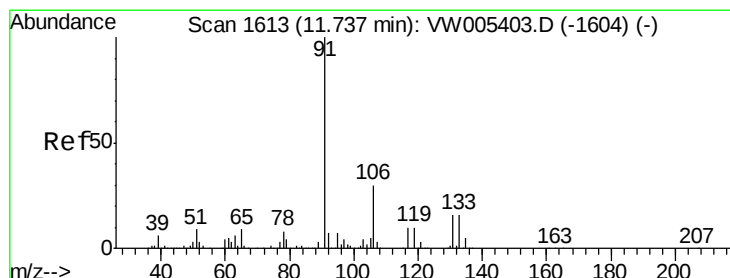
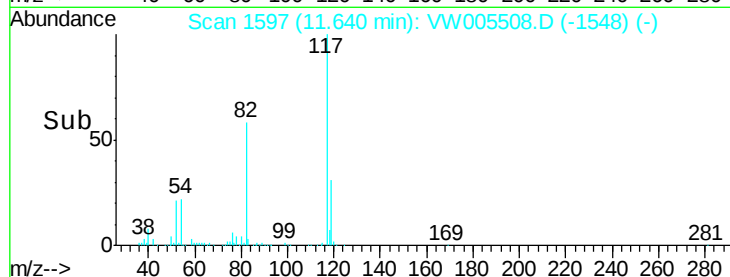
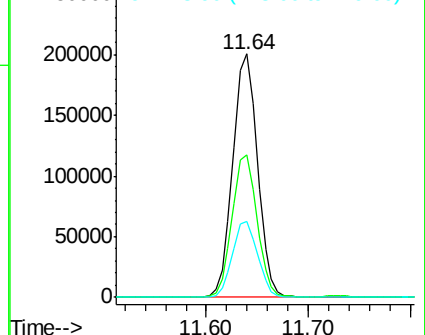
119 30.9 24.8 37.2



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



#67

Ethyl Benzene

Concen: 3.00 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005508.D

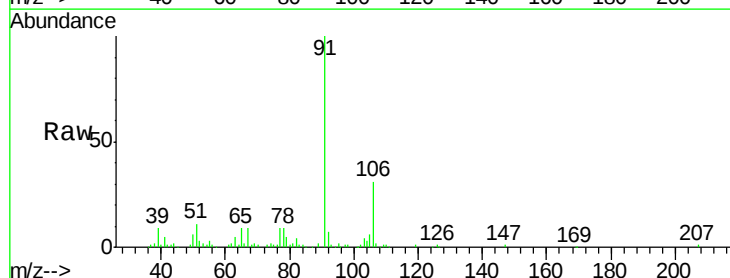
Acq: 19 Sep 2018 05:47

Tgt Ion: 91 Resp: 37500

Ion Ratio Lower Upper

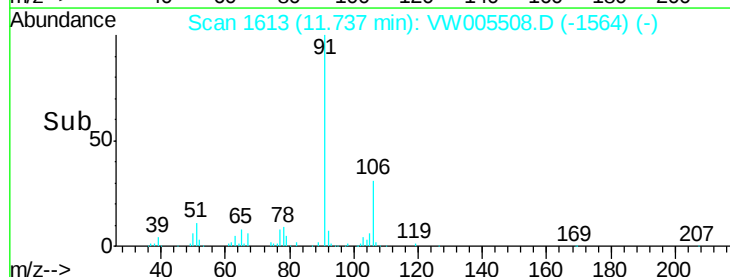
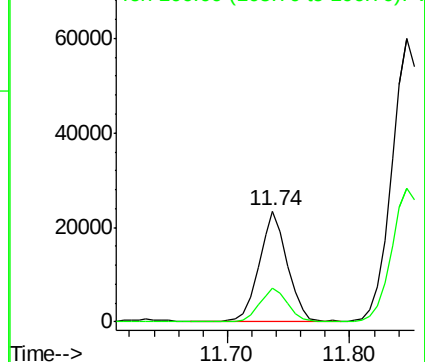
91 100

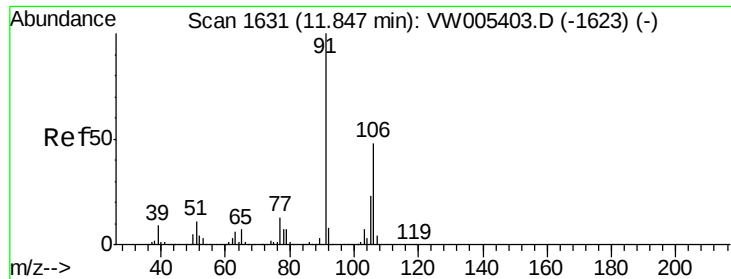
106 31.0 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

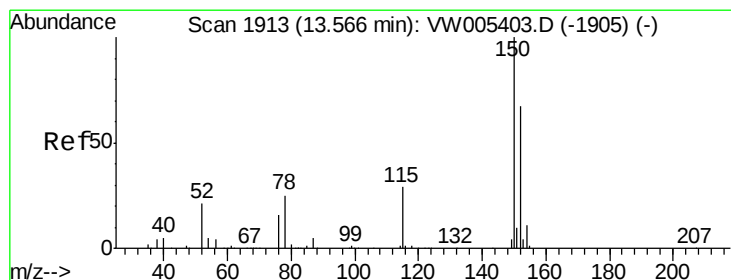
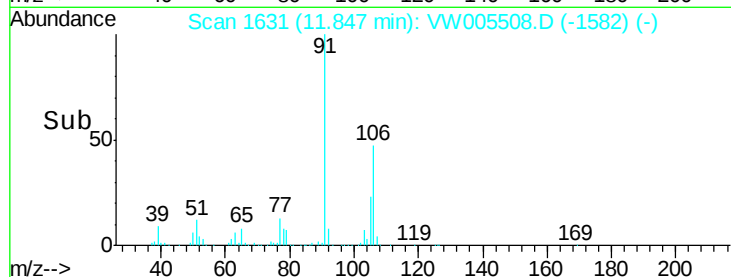
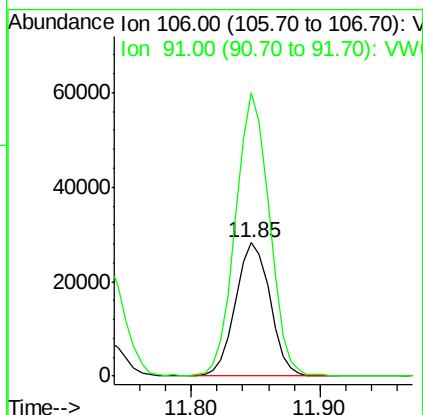
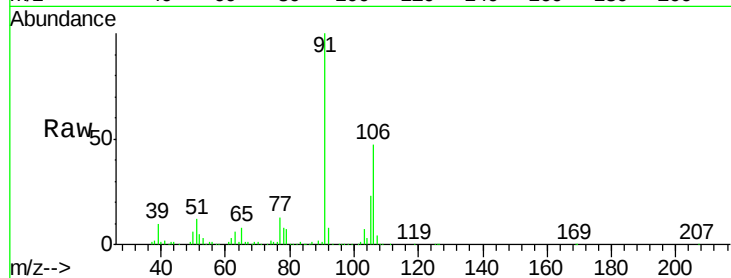




#68
m/p-Xvlenes
Concen: 10.94 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005508.D
Acq: 19 Sep 2018 05:47

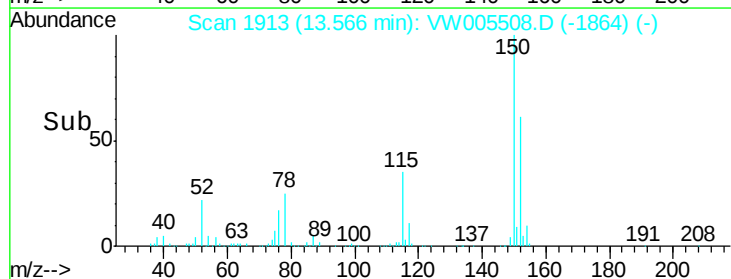
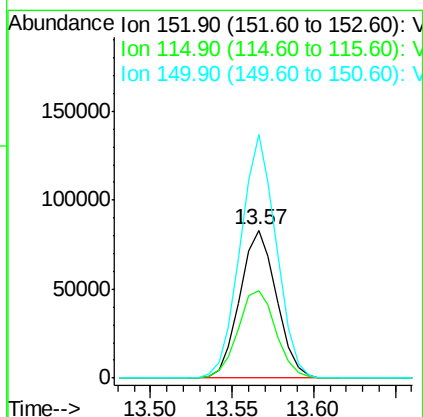
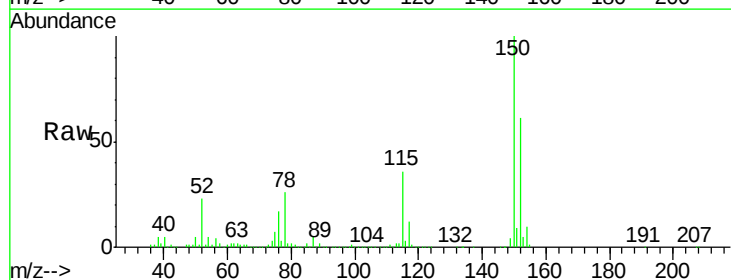
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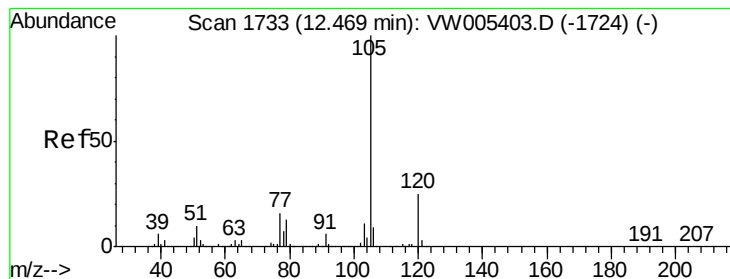
Tot Ion:106 Resp: 52646
Ion Ratio Lower Upper
106 100
91 207.6 167.9 251.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005508.D
Acq: 19 Sep 2018 05:47

Tgt Ion:152 Resp: 130138
Ion Ratio Lower Upper
152 100
115 61.7 29.5 88.5
150 161.0 0.0 345.6





#73

Isopropylbenzene

Concen: 1.43 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005508.D

Acq: 19 Sep 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

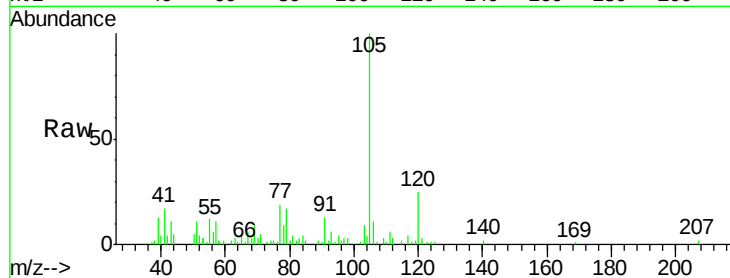
SUP-UST-091718-03RE

Tot Ion:105 Resp: 13042

Ion Ratio Lower Upper

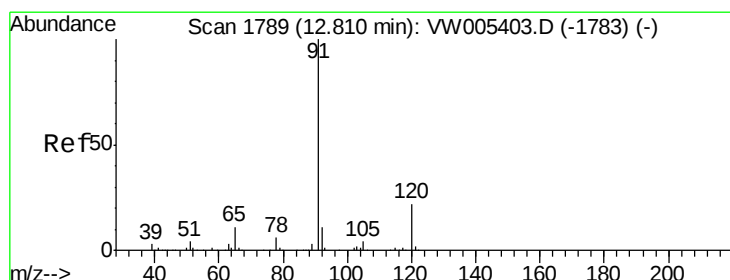
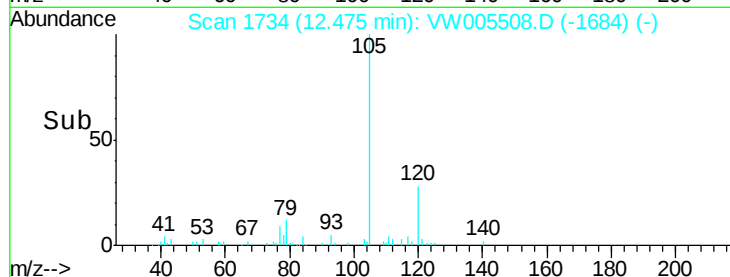
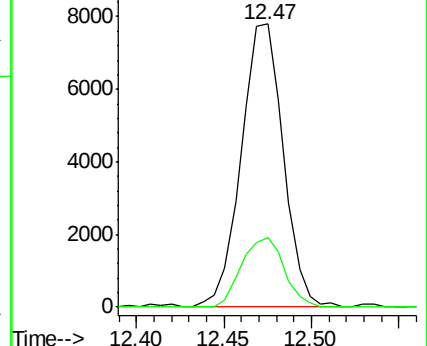
105 100

120 24.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 2.56 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005508.D

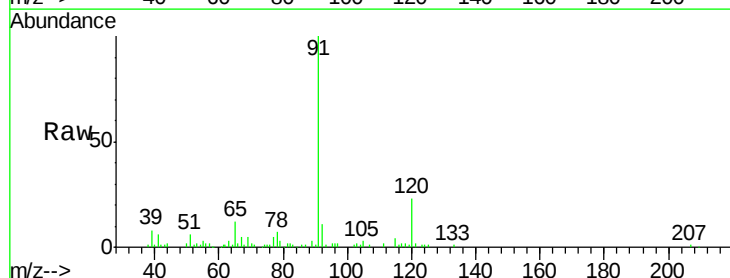
Acq: 19 Sep 2018 05:47

Tgt Ion: 91 Resp: 28165

Ion Ratio Lower Upper

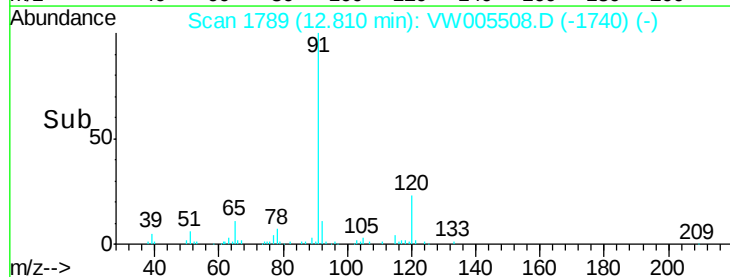
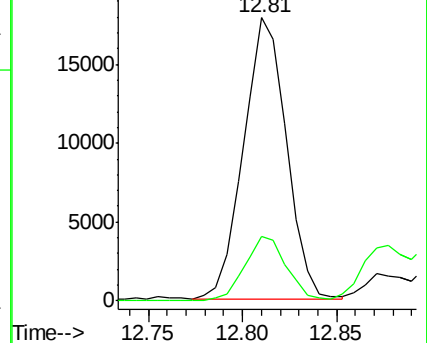
91 100

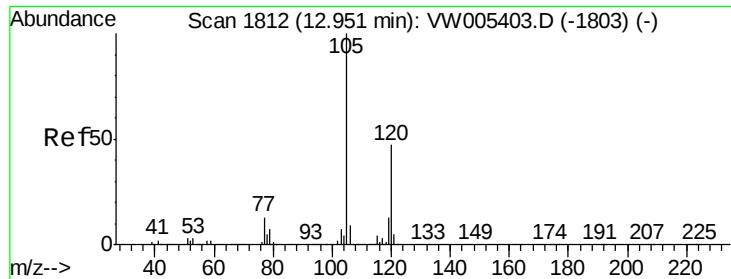
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

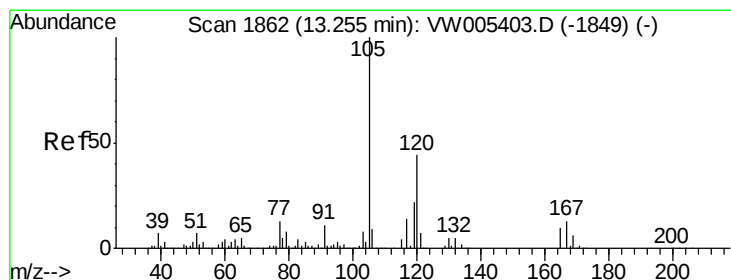
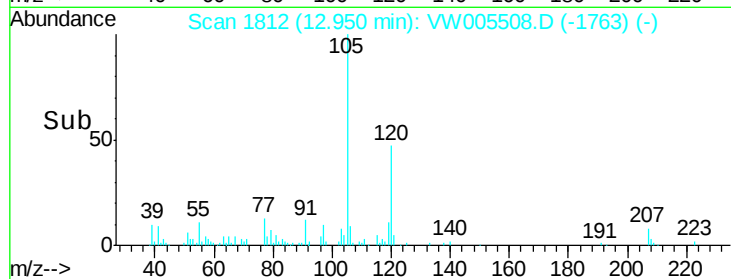
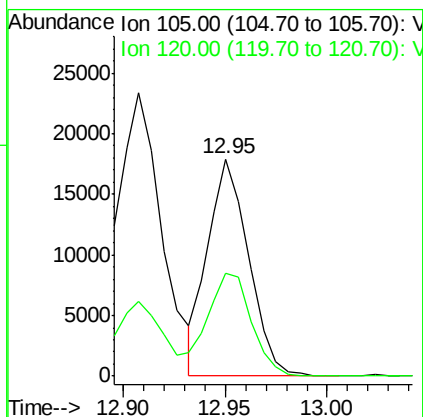
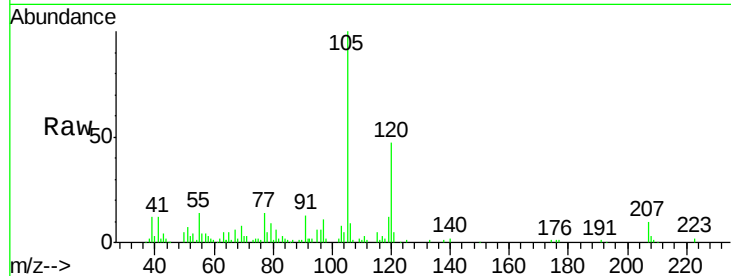




#80
 1,3,5-Trimethylbenzene
 Concen: 3.14 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005508.D
 Acq: 19 Sep 2018 05:47

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-UST-091718-03RE

Tot Ion:105 Resp: 24984
 Ion Ratio Lower Upper
 105 100
 120 52.4 23.5 70.5



#84
 1,2,4-Trimethylbenzene
 Concen: 9.63 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005508.D
 Acq: 19 Sep 2018 05:47

Tgt Ion:105 Resp: 77927
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.8 65.3

