

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007049.D
 Acq On : 26 Nov 2018 15:59
 Operator : VAY/AP
 Sample : J6003-15
 Misc : 6.62G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-05A

Quant Time: Nov 27 06:24:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	184951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	92762	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52030	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
35) Dibromofluoromethane	7.89	113	47166	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
50) Toluene-d8	10.33	98	212369	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
62) 4-Bromofluorobenzene	12.62	95	84166	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	

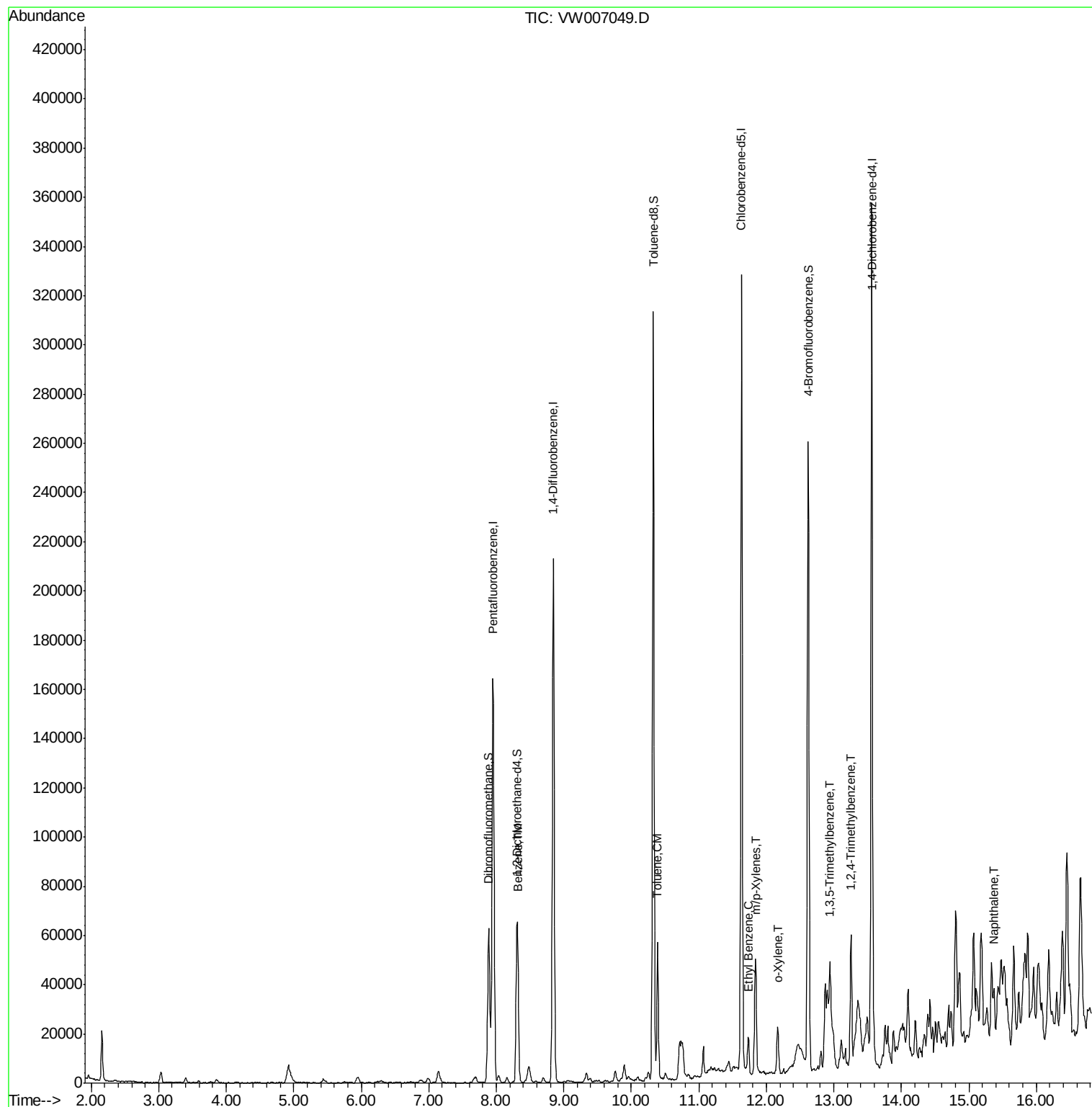
Target Compounds						Qvalue
40) Benzene	8.32	78	5894	1.21	ug/l	99
52) Toluene	10.39	92	23657	7.13	ug/l	99
67) Ethyl Benzene	11.73	91	10160	1.48	ug/l	98
68) m/p-Xylenes	11.84	106	14725	5.45	ug/l	98
69) o-Xylene	12.17	106	5166	2.03	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	8152	1.31	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	29470	4.74	ug/l	96
95) Naphthalene	15.38	128	16195	4.88	ug/l #	96

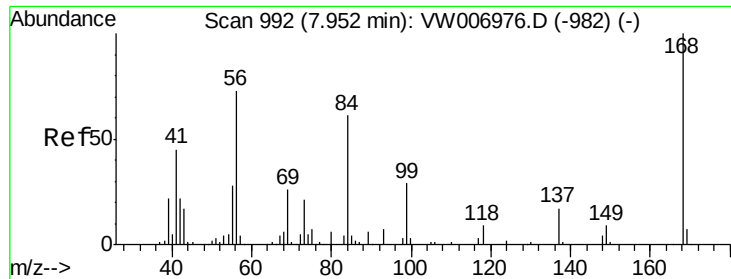
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007049.D
Acq On : 26 Nov 2018 15:59
Operator : VAY/AP
Sample : J6003-15
Misc : 6.62G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-05A

Quant Time: Nov 27 06:24:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007049.D

Acq: 26 Nov 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

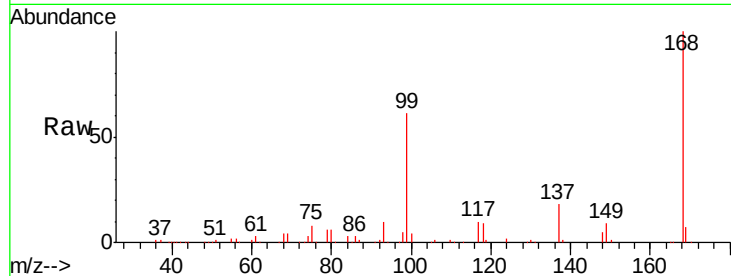
NON-UST-05A

Tgt Ion:168 Resp: 120752

Ion Ratio Lower Upper

168 100

99 60.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

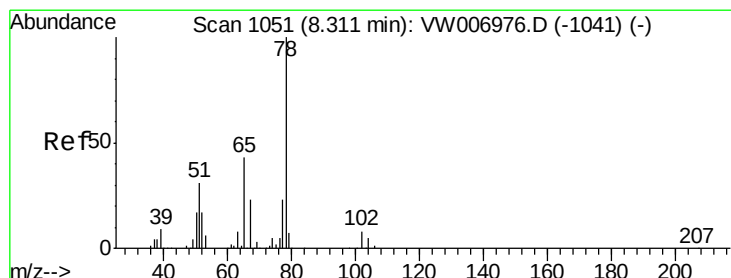
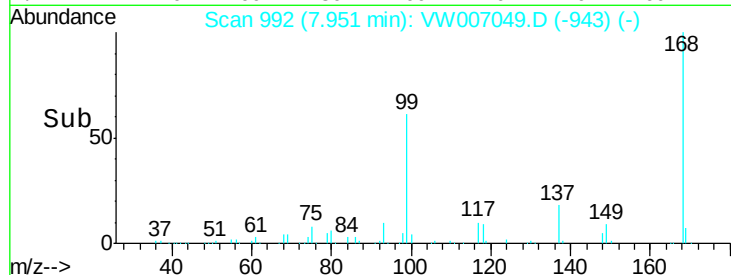
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.01 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007049.D

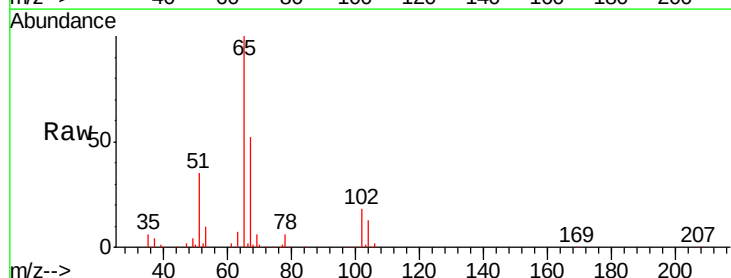
Acq: 26 Nov 2018 15:59

Tgt Ion: 65 Resp: 52030

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

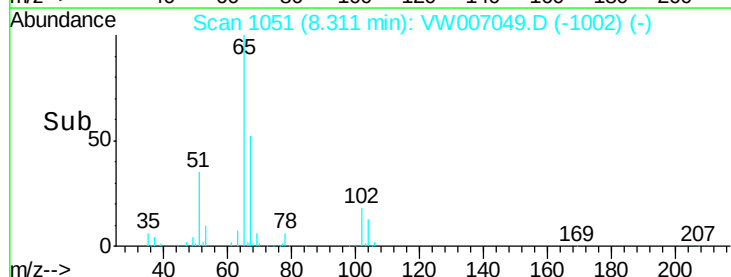
15000

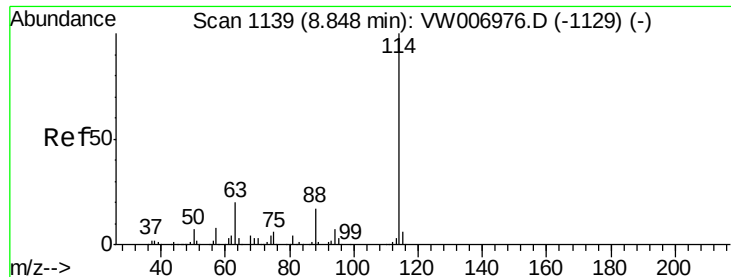
10000

5000

0

Time-->

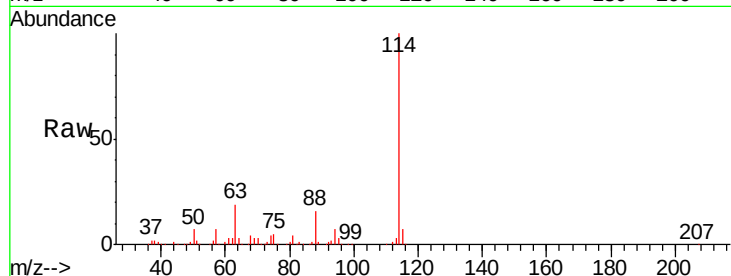




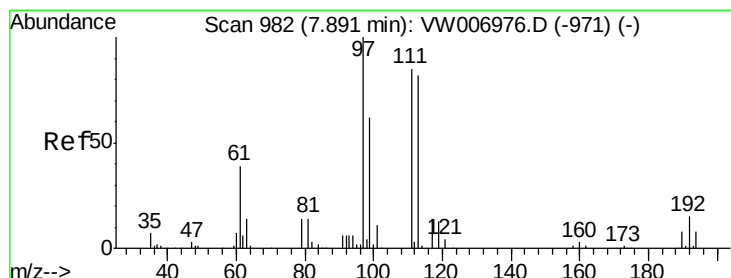
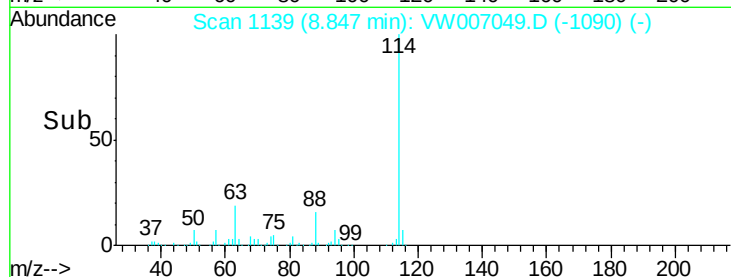
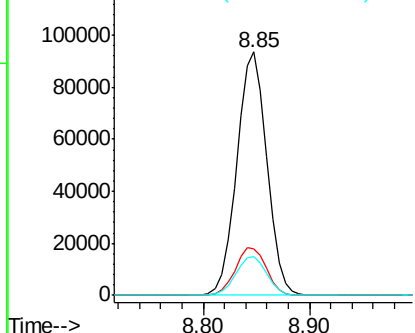
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007049.D
 Acq: 26 Nov 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-05A

Tgt Ion:114 Resp: 184951
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 16.1 0.0 34.2

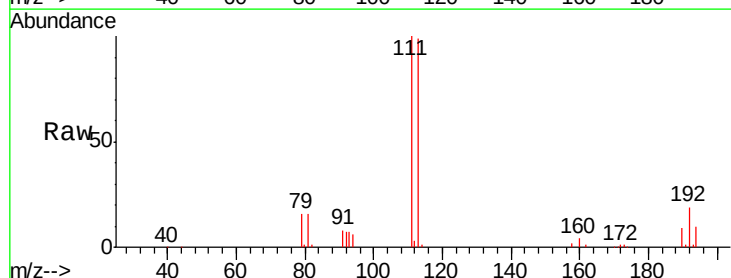


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

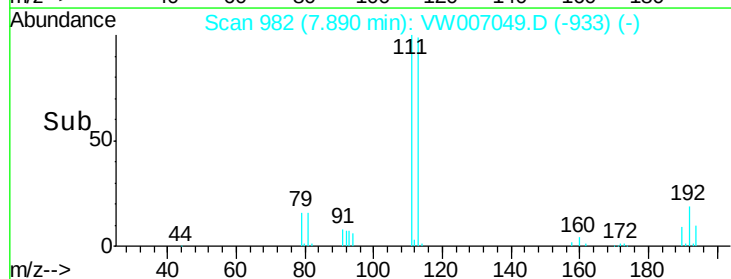
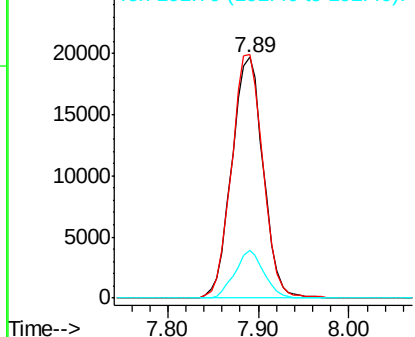


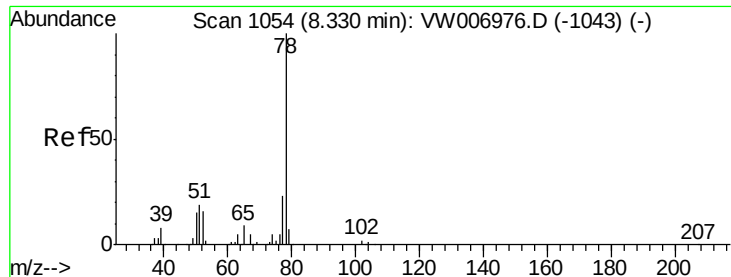
#35
 Dibromofluoromethane
 Concen: 45.16 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007049.D
 Acq: 26 Nov 2018 15:59

Tgt Ion:113 Resp: 47166
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.0 121.6
 192 18.3 15.0 22.6



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





#40

Benzene

Concen: 1.21 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW007049.D

Acq: 26 Nov 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

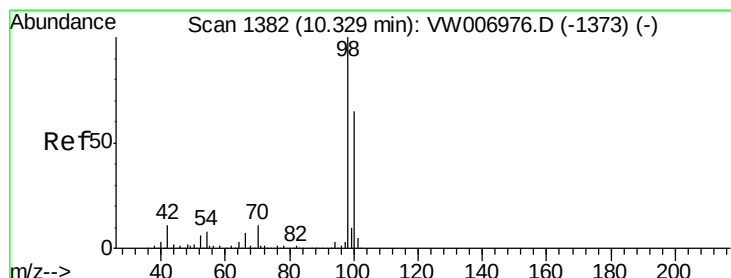
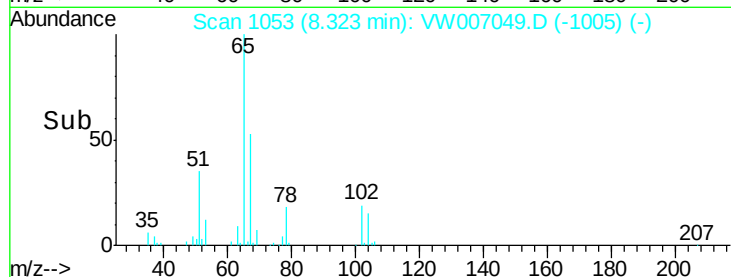
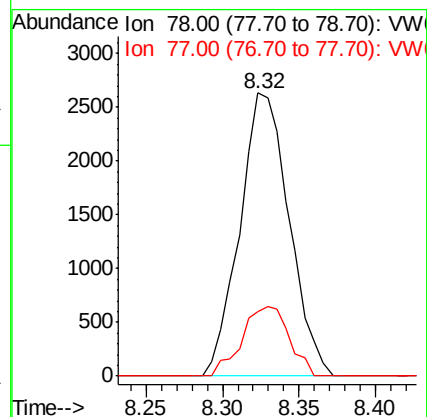
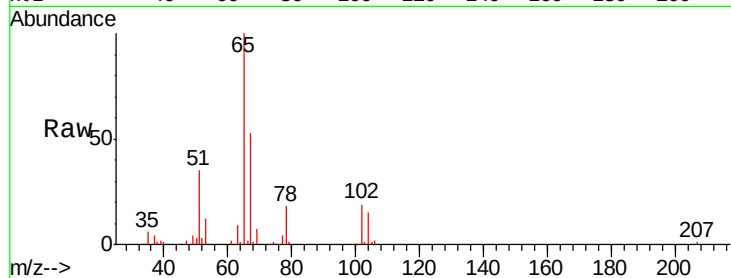
NON-UST-05A

Tgt Ion: 78 Resp: 5894

Ion Ratio Lower Upper

78 100

77 22.8 18.6 28.0



#50

Toluene-d8

Concen: 46.04 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007049.D

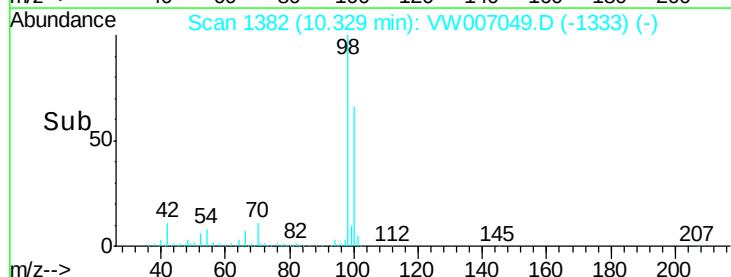
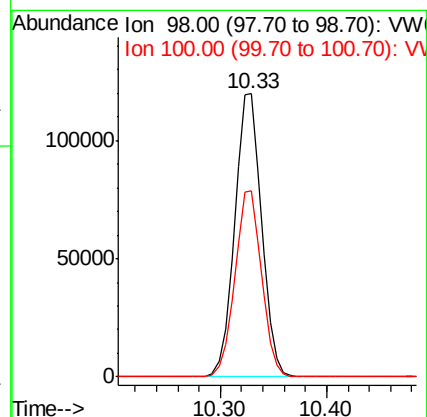
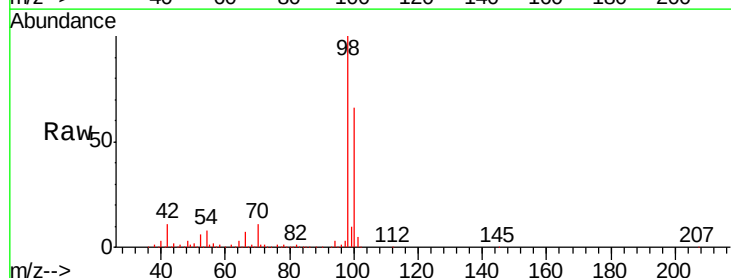
Acq: 26 Nov 2018 15:59

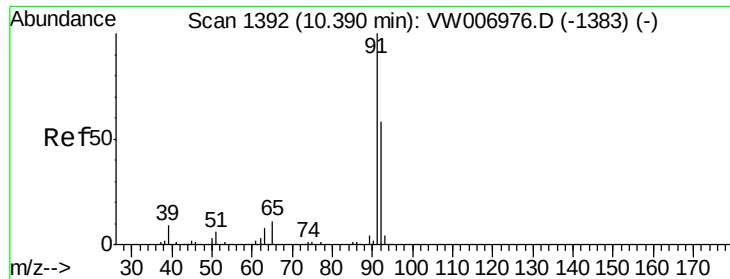
Tgt Ion: 98 Resp: 212369

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2





#52

Toluene

Concen: 7.13 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007049.D

Acq: 26 Nov 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

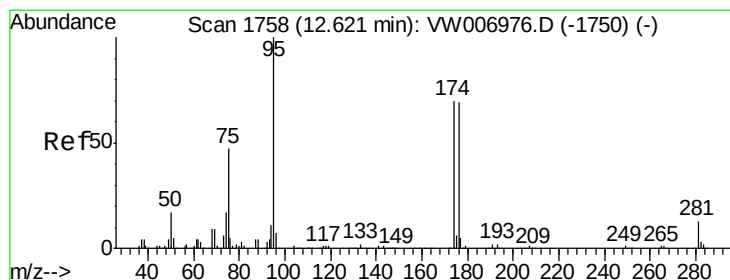
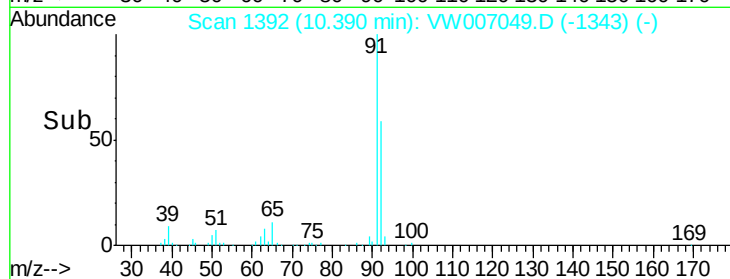
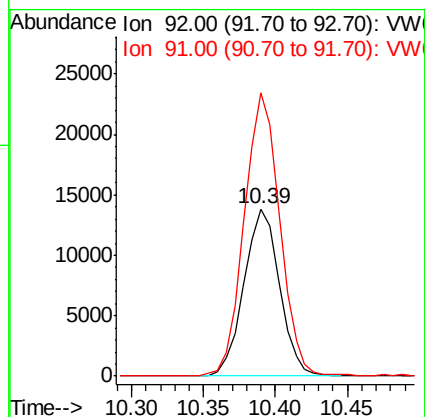
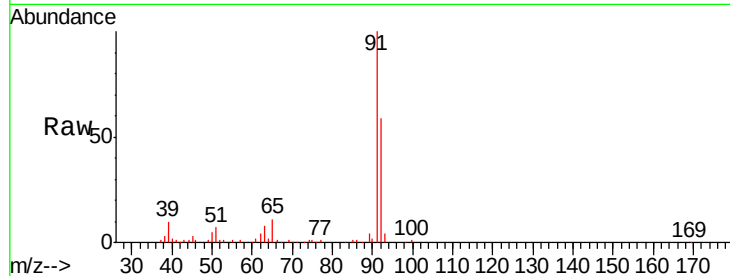
NON-UST-05A

Tgt Ion: 92 Resp: 23657

Ion Ratio Lower Upper

92 100

91 169.6 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 46.37 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007049.D

Acq: 26 Nov 2018 15:59

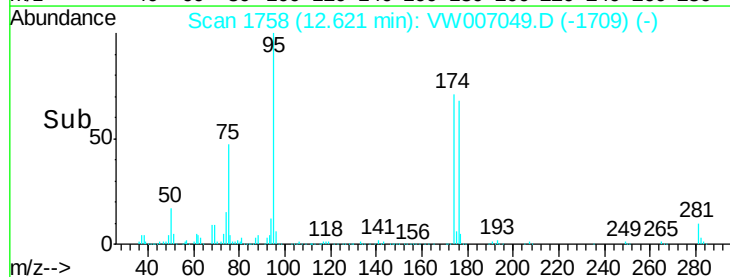
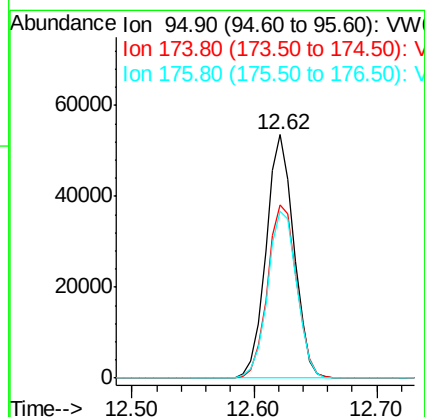
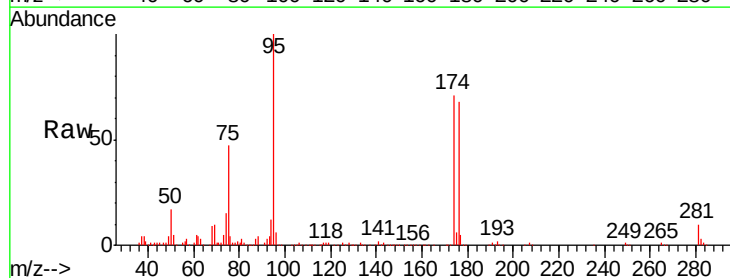
Tgt Ion: 95 Resp: 84166

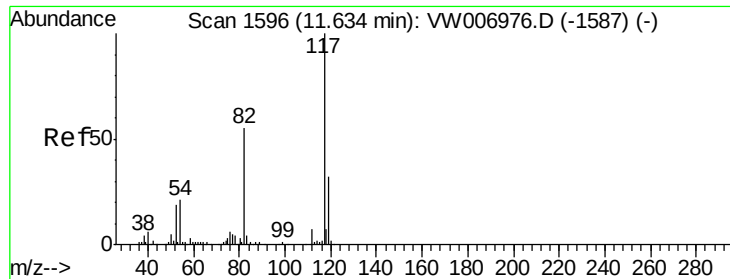
Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.6

176 72.0 0.0 140.4

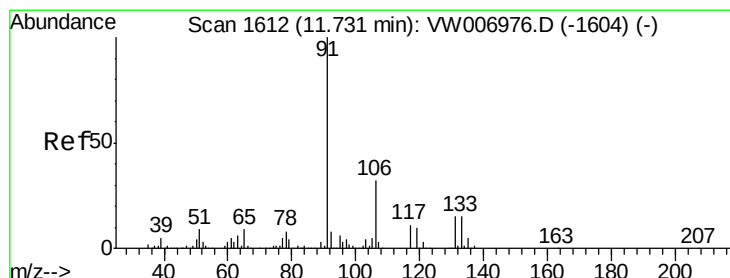
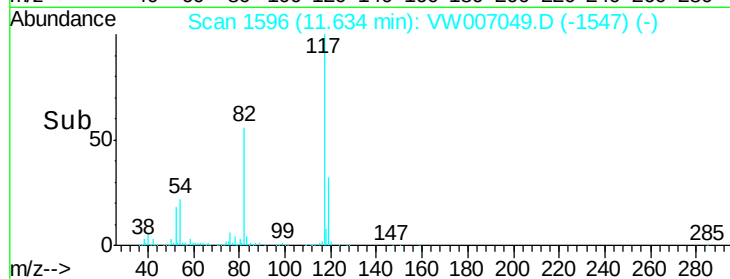
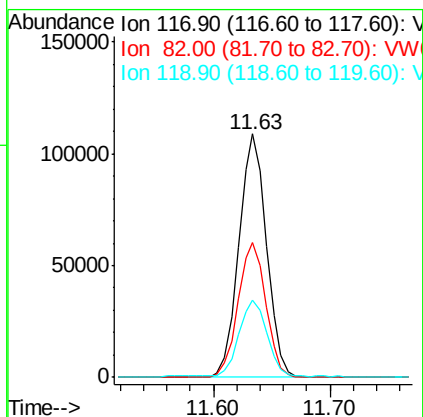
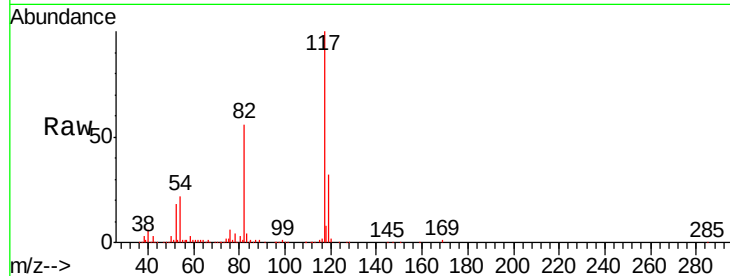




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007049.D
Acq: 26 Nov 2018 15:59

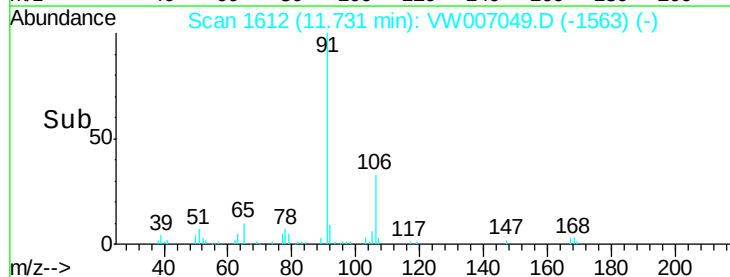
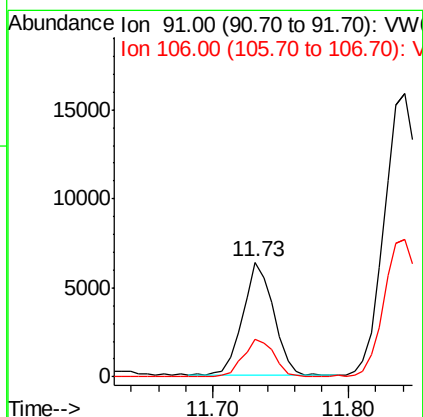
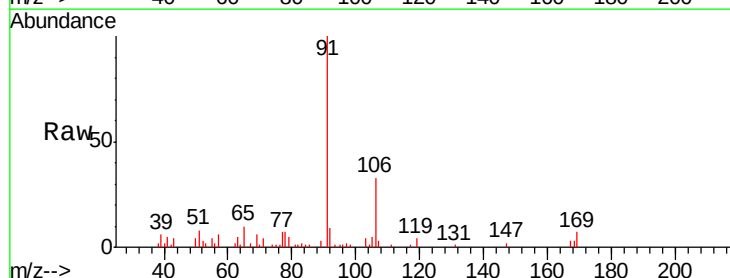
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-05A

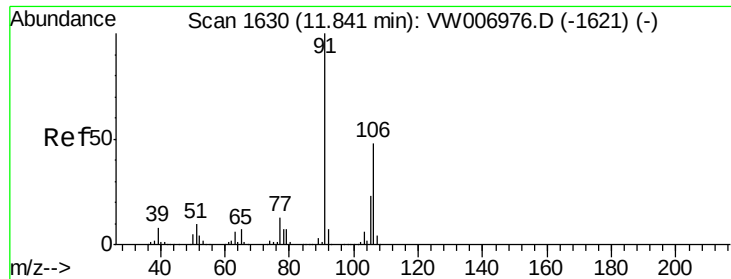
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.2
119	31.4	25.9	38.9



#67
Ethyl Benzene
Concen: 1.48 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007049.D
Acq: 26 Nov 2018 15:59

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.4	38.2

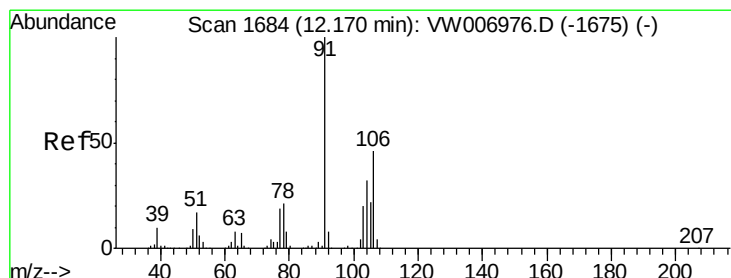
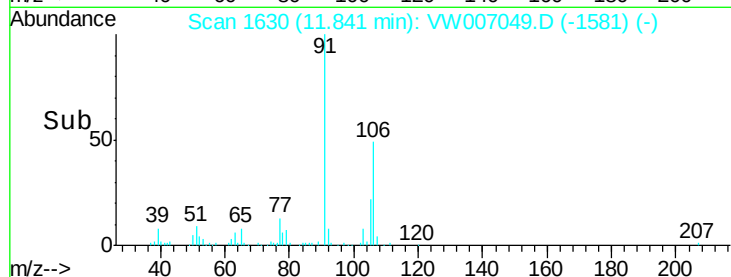
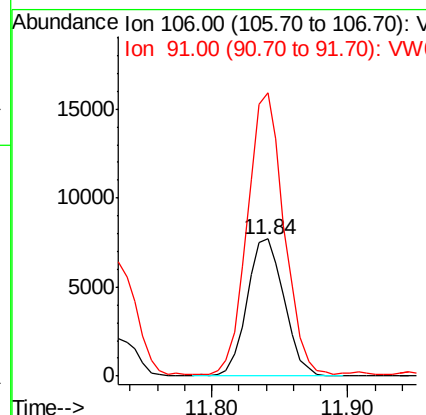
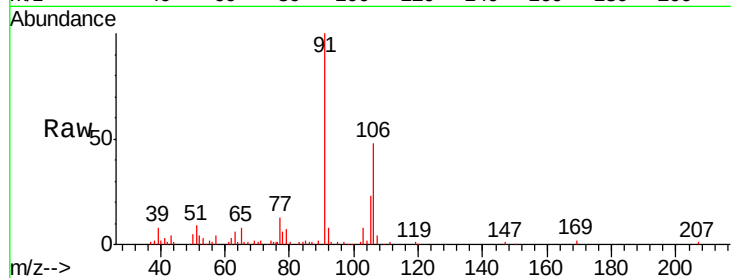




#68
m/p-Xylenes
Concen: 5.45 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007049.D
Acq: 26 Nov 2018 15:59

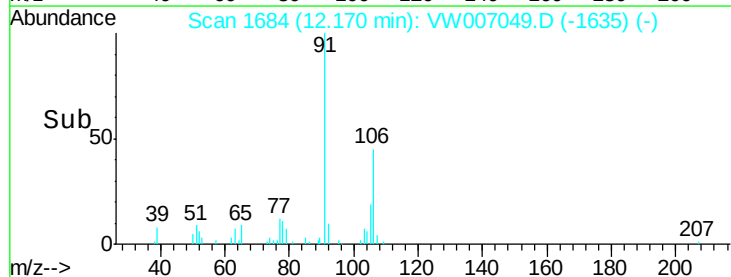
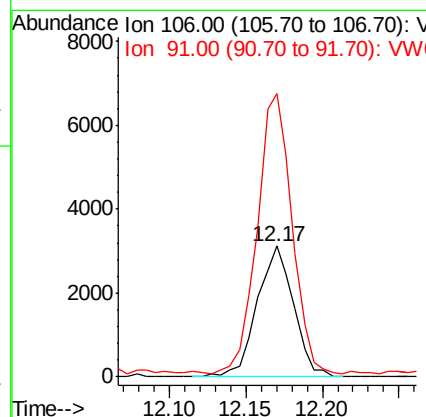
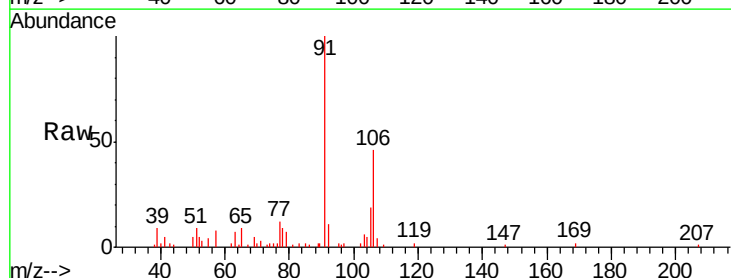
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-05A

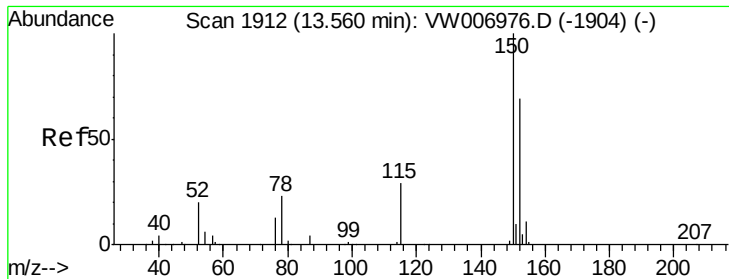
Tgt Ion:106 Resp: 14725
Ion Ratio Lower Upper
106 100
91 202.4 164.8 247.2



#69
o-Xylene
Concen: 2.03 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007049.D
Acq: 26 Nov 2018 15:59

Tgt Ion:106 Resp: 5166
Ion Ratio Lower Upper
106 100
91 205.9 107.9 323.8



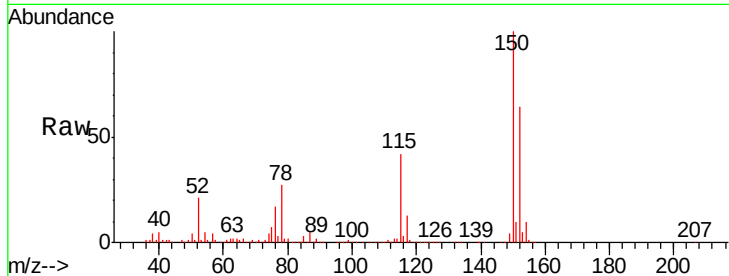


#72

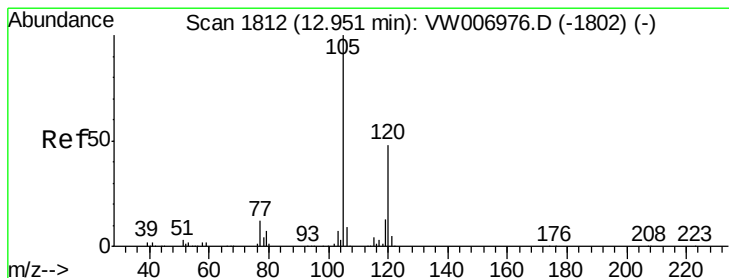
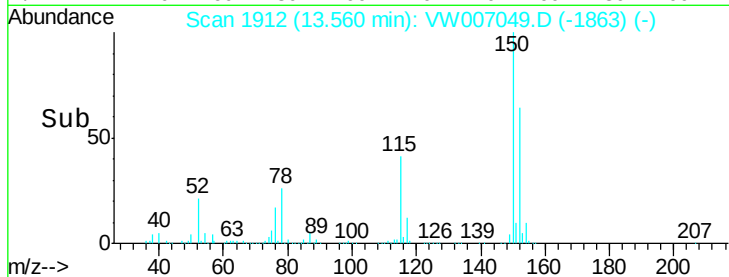
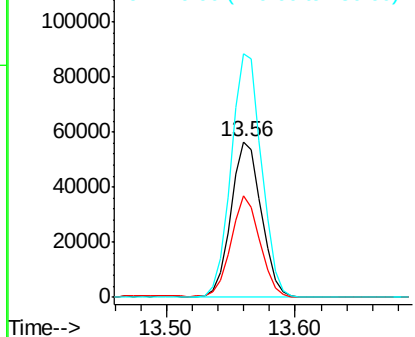
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007049.D
Acq: 26 Nov 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-05A

Tgt Ion:152 Resp: 92762
Ion Ratio Lower Upper
152 100
115 62.5 31.4 94.2
150 156.6 0.0 353.4



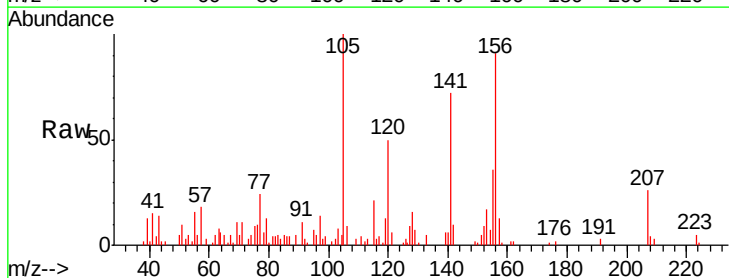
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



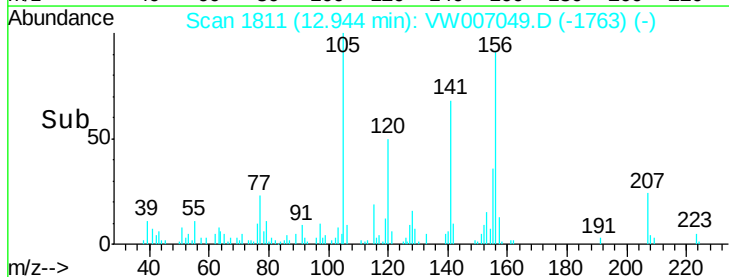
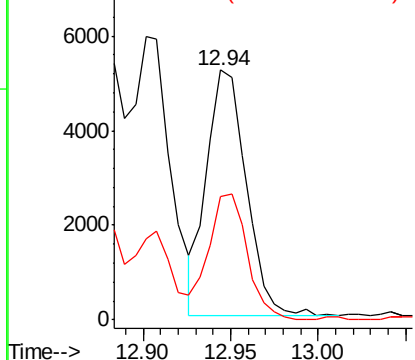
#80

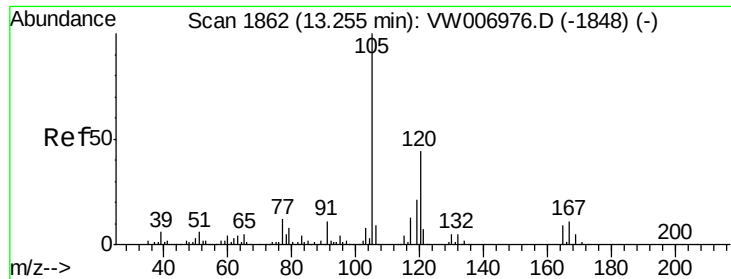
1,3,5-Trimethylbenzene
Concen: 1.31 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW007049.D
Acq: 26 Nov 2018 15:59

Tgt Ion:105 Resp: 8152
Ion Ratio Lower Upper
105 100
120 50.4 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

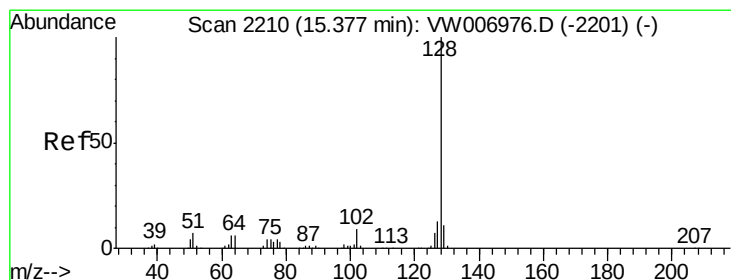
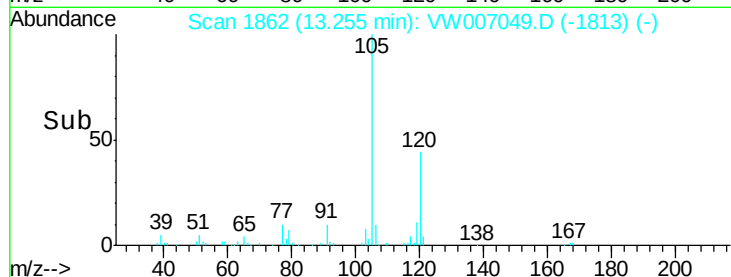
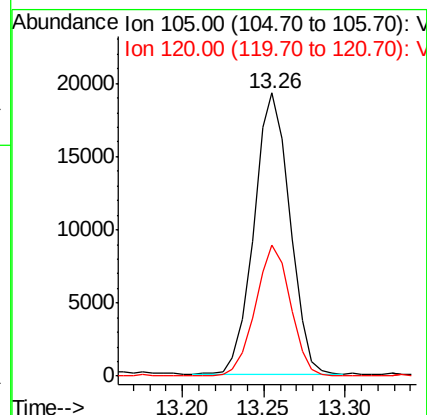
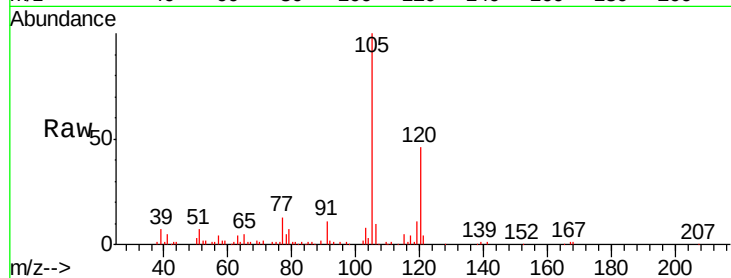




#84
 1,2,4-Trimethylbenzene
 Concen: 4.74 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007049.D
 Acq: 26 Nov 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-05A

Tgt Ion:105 Resp: 29470
 Ion Ratio Lower Upper
 105 100
 120 45.8 21.8 65.3



#95
 Naphthalene
 Concen: 4.88 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW007049.D
 Acq: 26 Nov 2018 15:59

Tgt Ion:128 Resp: 16195
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.5 15.7
 129 8.0 8.7 13.1#

