

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006426.D
 Acq On : 27 Oct 2018 02:41
 Operator : SY/AP
 Sample : J5515-01RE
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-1ARE

Quant Time: Oct 29 10:02:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	39708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	82439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	46966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	25152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	39482	119.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	239.86%	
35) Dibromofluoromethane	7.88	113	34018	69.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.66%	
50) Toluene-d8	10.33	98	72762	39.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.52%	
62) 4-Bromofluorobenzene	12.62	95	26366	37.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.76%	

Target Compounds

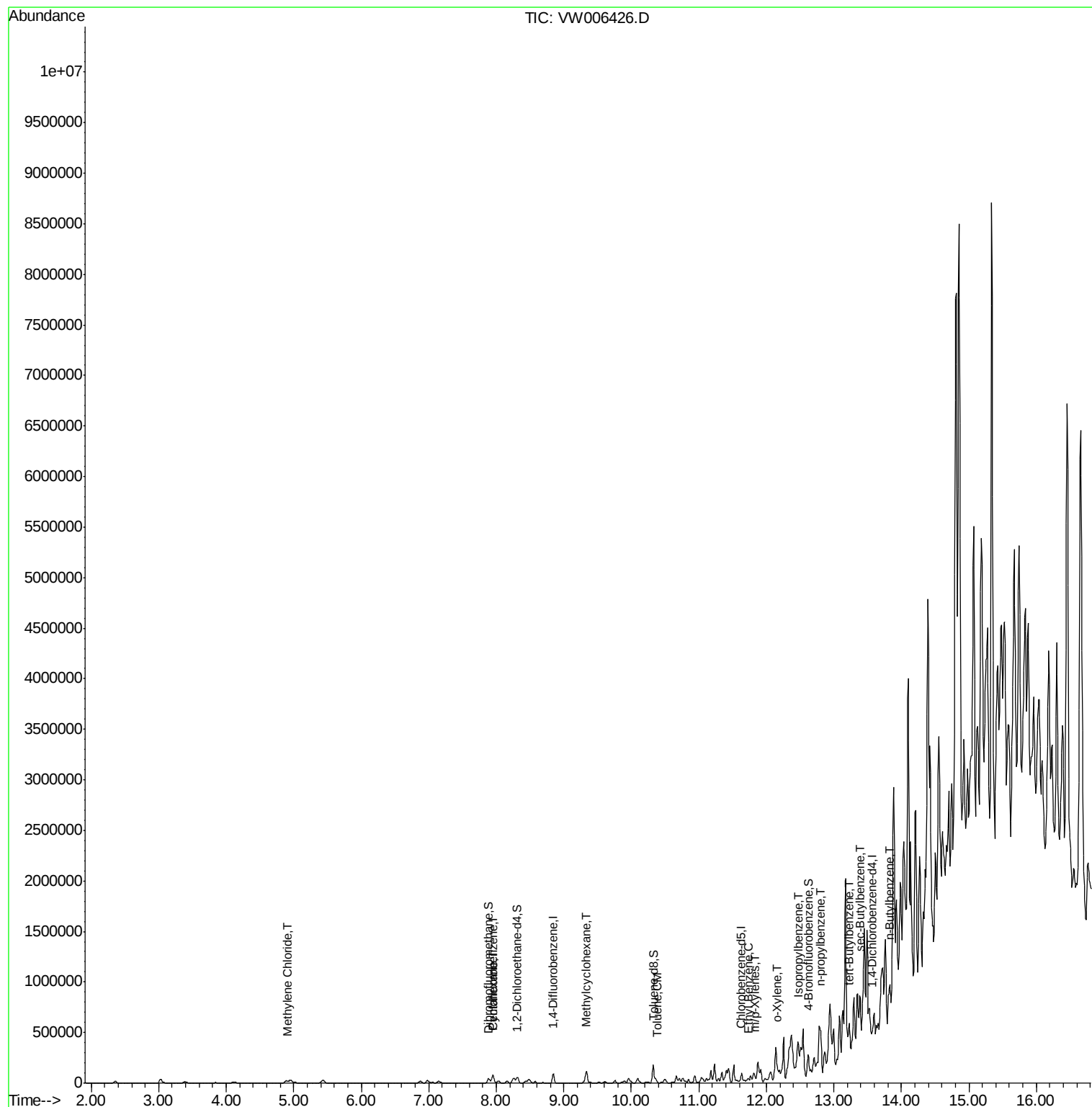
						Qvalue
20) Methylene Chloride	4.91	84	3755	9.460	ug/l #	89
31) Cyclohexane	7.95	56	17233	28.608	ug/l	96
39) Methylcyclohexane	9.34	83	46758	46.292	ug/l	96
52) Toluene	10.39	92	2218	1.587	ug/l	93
67) Ethyl Benzene	11.74	91	7933	4.553	ug/l	93
68) m/p-Xylenes	11.84	106	3526	5.120	ug/l	84
69) o-Xylene	12.17	106	8252	12.573	ug/l	79
73) Isopropylbenzene	12.47	105	160142	90.124	ug/l	99
78) n-propylbenzene	12.81	91	264058	127.732	ug/l	100
83) tert-Butylbenzene	13.21	119	16378	12.220	ug/l	87
85) sec-Butylbenzene	13.39	105	201725	106.541	ug/l	87
89) n-Butylbenzene	13.83	91	177613	113.402	ug/l #	81

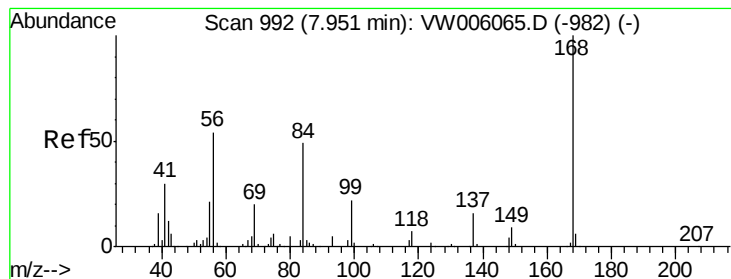
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006426.D

Acq: 27 Oct 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

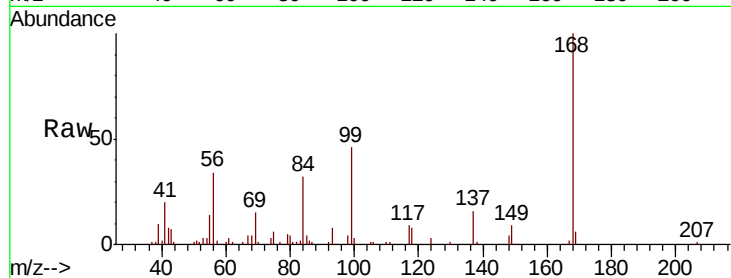
NON-UST-1ARE

Tot Ion:168 Resp: 39708

Ion Ratio Lower Upper

168 100

99 46.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

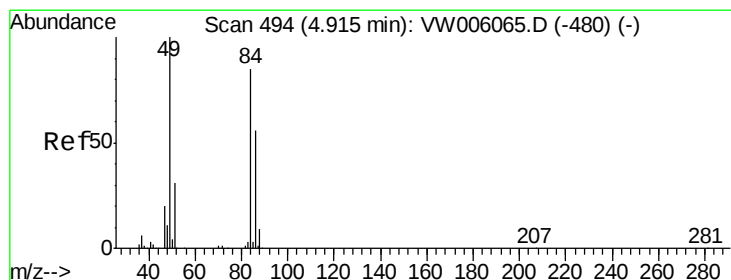
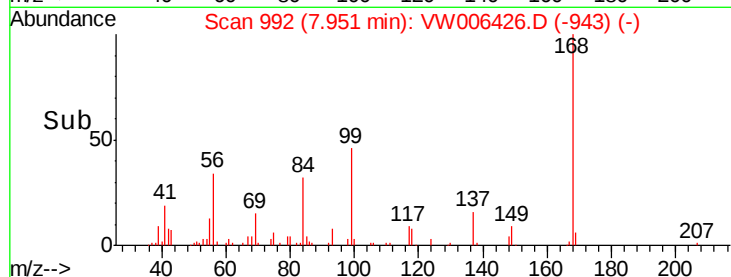
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 9.460 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006426.D

Acq: 27 Oct 2018 02:41

Tgt Ion: 84 Resp: 3755

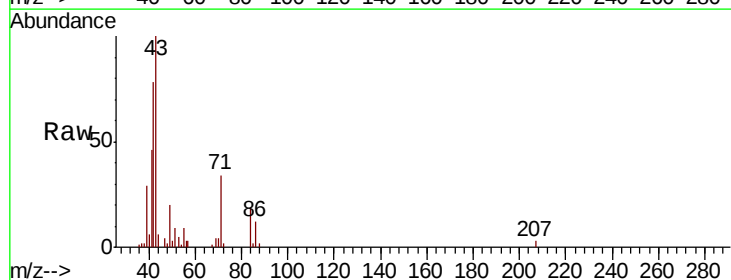
Ion Ratio Lower Upper

84 100

49 107.8 93.6 140.4

51 48.4 29.0 43.4#

86 58.7 52.6 79.0



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

4.91

1500

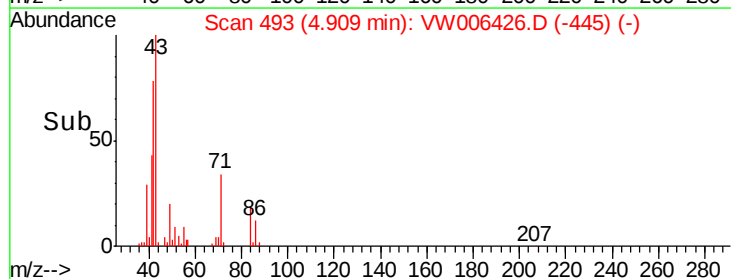
1000

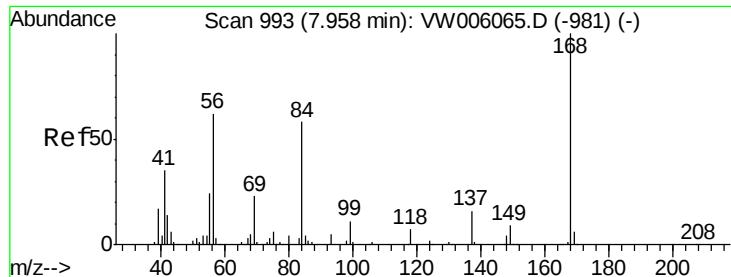
500

0

Time-->

4.80 4.85 4.90 4.95 5.00

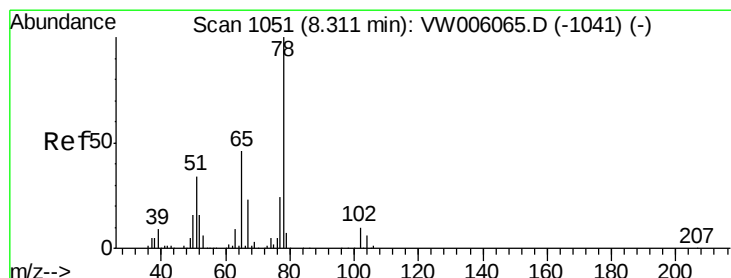
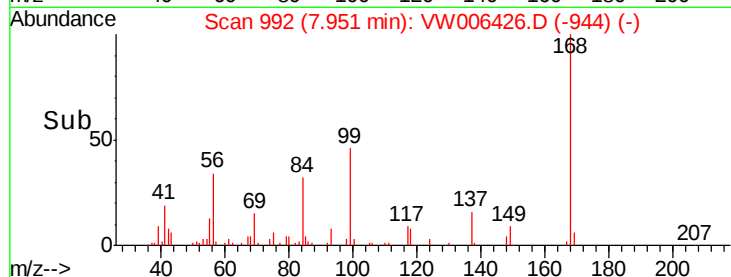
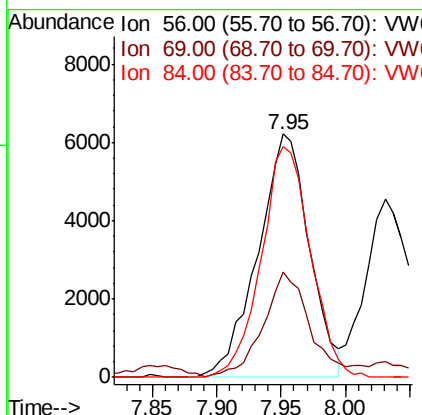
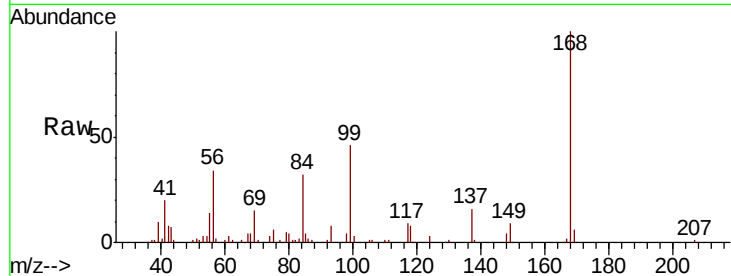




#31
Cyclohexane
Concen: 28.608 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006426.D
Acq: 27 Oct 2018 02:41

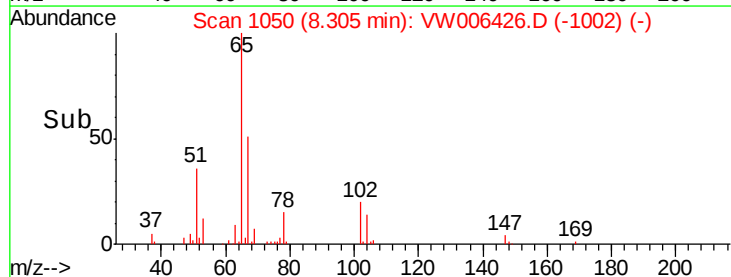
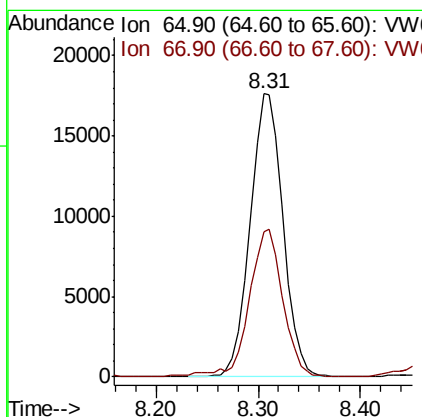
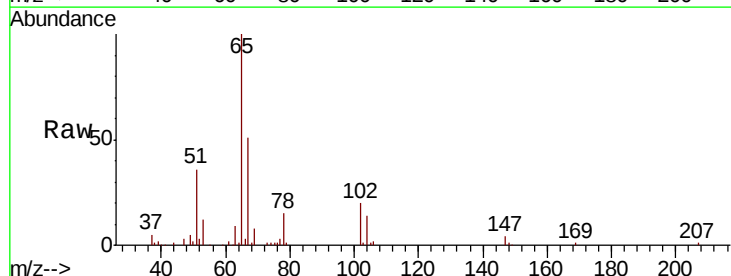
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MSVOA_W
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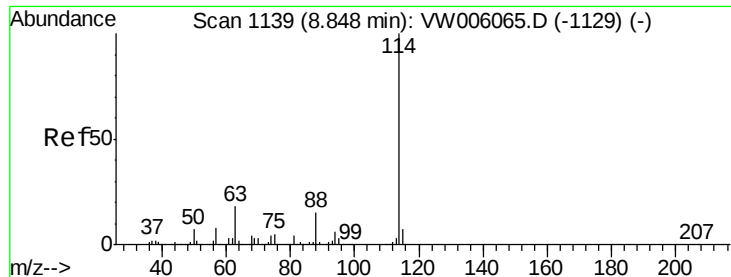
Tot Ion	56	Resp	17233
Ion	Ratio	Lower	Upper
56	100		
69	41.5	29.4	44.0
84	94.6	74.0	111.0



#33
1,2-Dichloroethane-d4
Concen: 119.933 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006426.D
Acq: 27 Oct 2018 02:41

Tgt Ion	65	Resp	39482
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	101.0

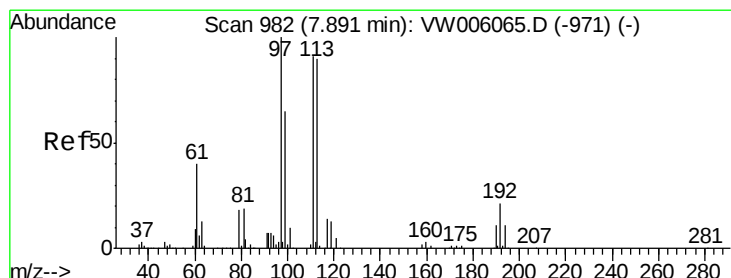
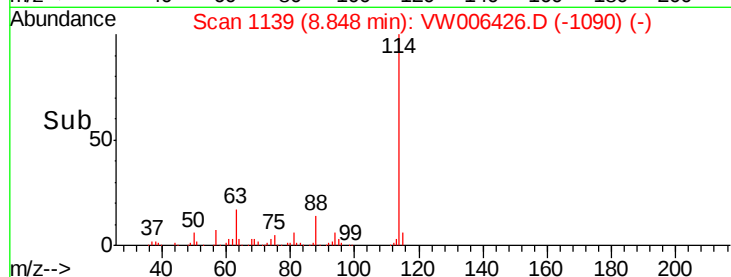
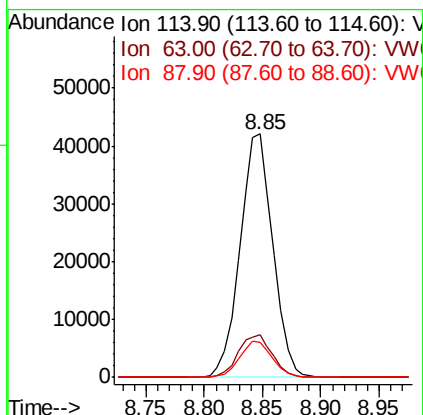
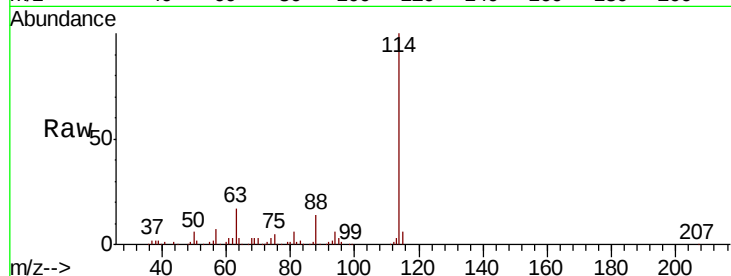




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006426.D
 Acq: 27 Oct 2018 02:41

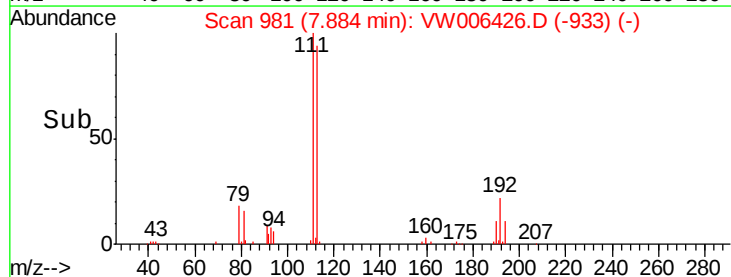
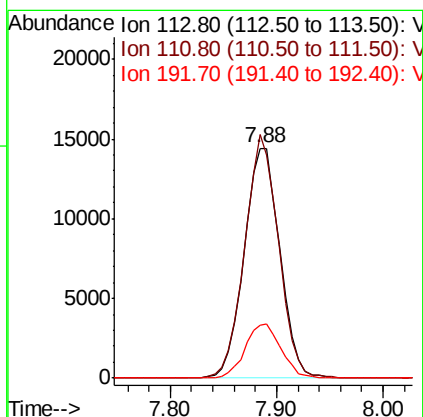
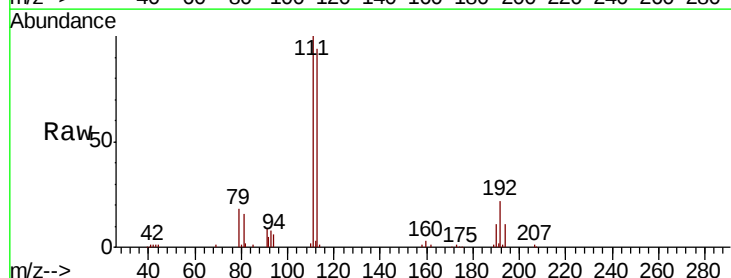
Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-1ARE

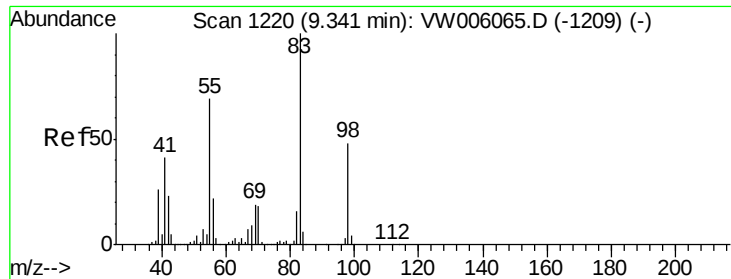
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.8
88	14.1	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 69.834 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006426.D
 Acq: 27 Oct 2018 02:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.4	122.0
192	23.5	18.7	28.1

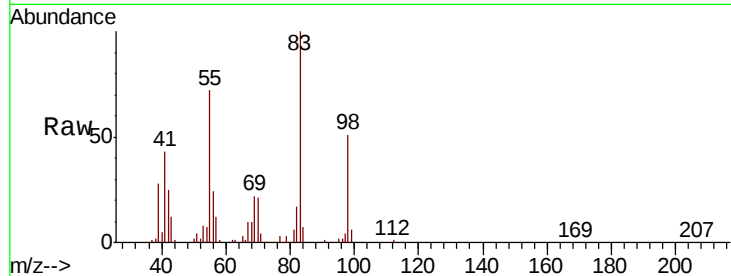




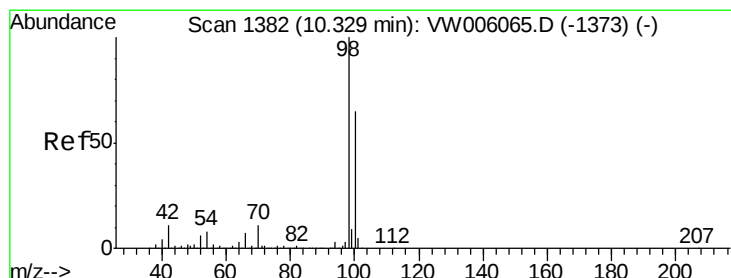
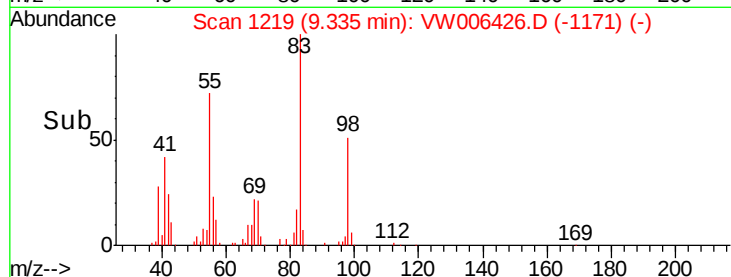
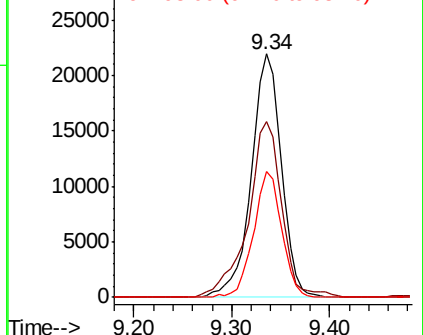
#39
Methylcyclohexane
Concen: 46.292 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006426.D
Acq: 27 Oct 2018 02:41

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-1ARE

Tot Ion: 83 Resp: 46758
Ion Ratio Lower Upper
83 100
55 72.2 55.0 82.6
98 51.5 38.6 57.8

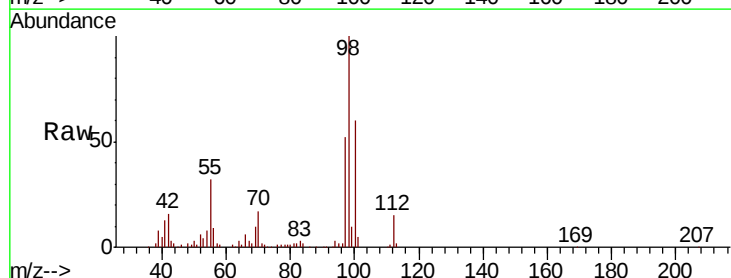


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

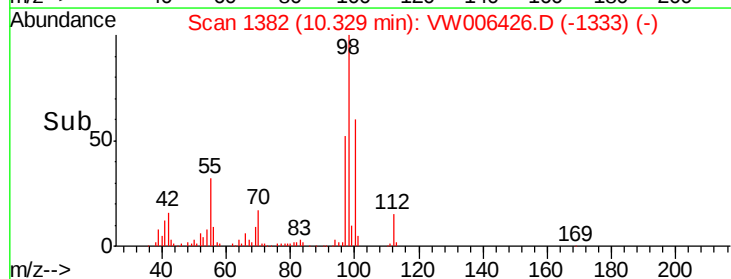
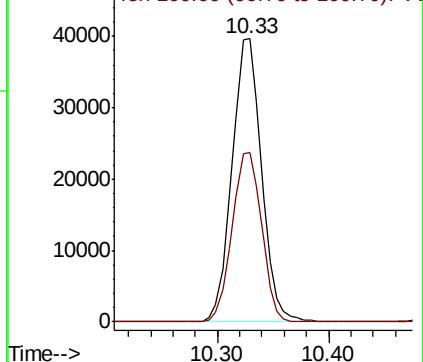


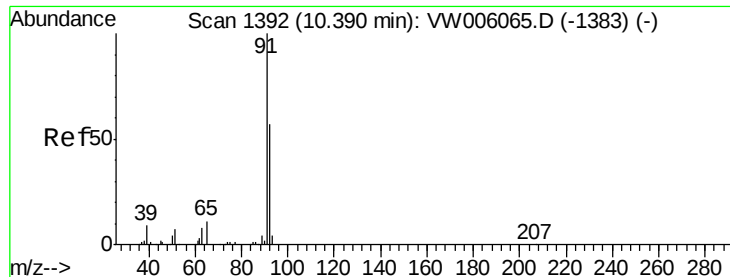
#50
Toluene-d8
Concen: 39.261 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006426.D
Acq: 27 Oct 2018 02:41

Tgt Ion: 98 Resp: 72762
Ion Ratio Lower Upper
98 100
100 59.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.587 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006426.D

Acq: 27 Oct 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

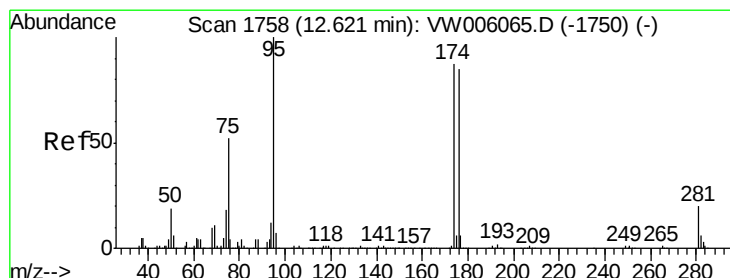
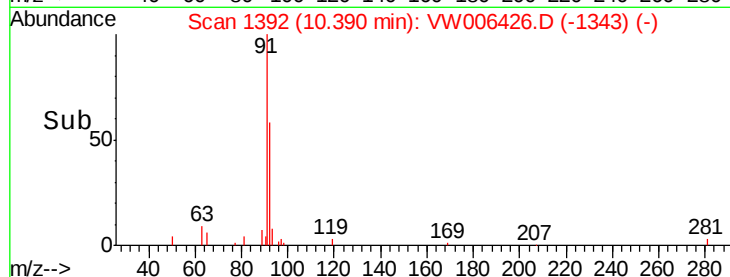
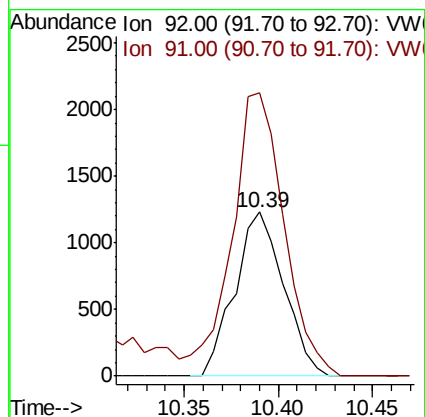
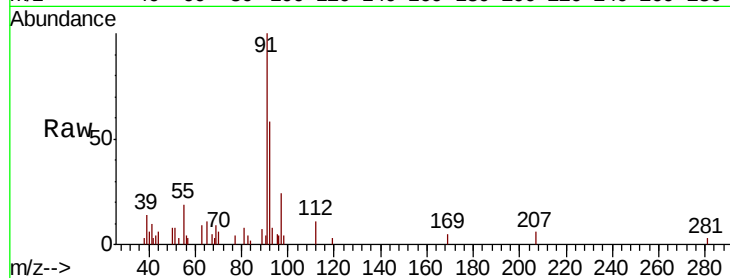
NON-UST-1ARE

Tot Ion: 92 Resp: 2218

Ion Ratio Lower Upper

92 100

91 184.4 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 37.878 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW006426.D

Acq: 27 Oct 2018 02:41

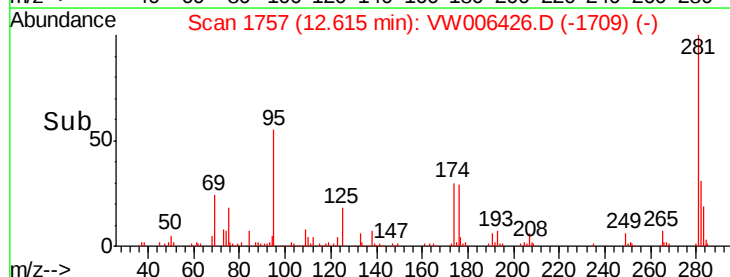
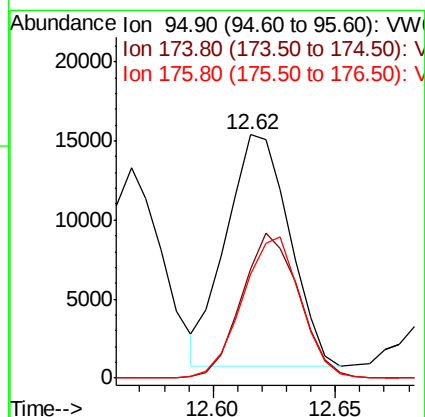
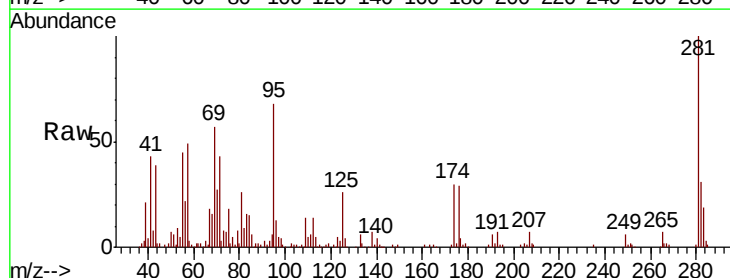
Tgt Ion: 95 Resp: 26366

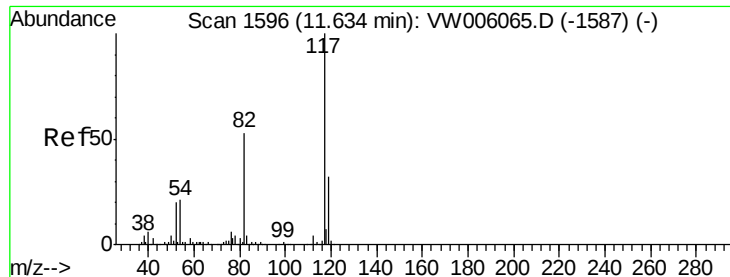
Ion Ratio Lower Upper

95 100

174 56.7 0.0 186.0

176 55.6 0.0 181.6

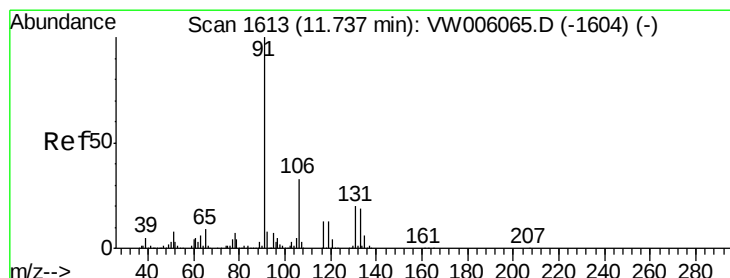
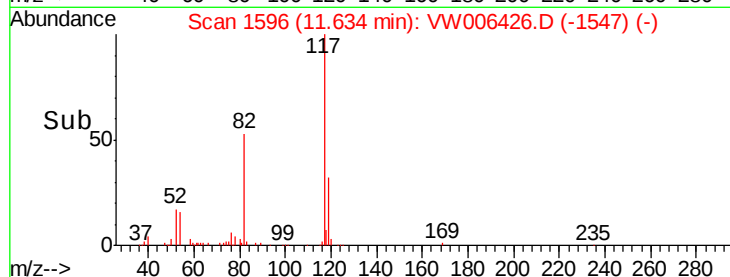
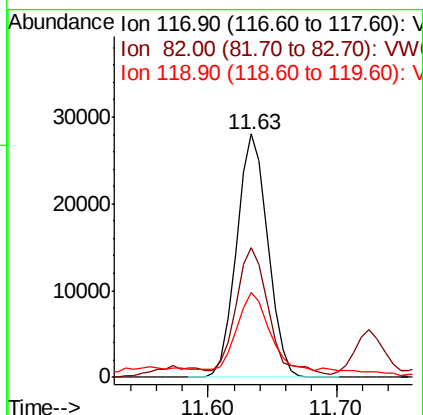
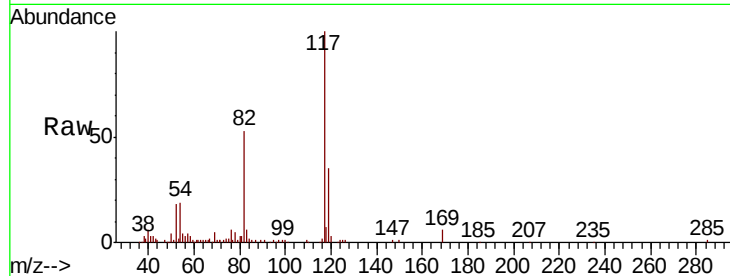




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006426.D
Acq: 27 Oct 2018 02:41

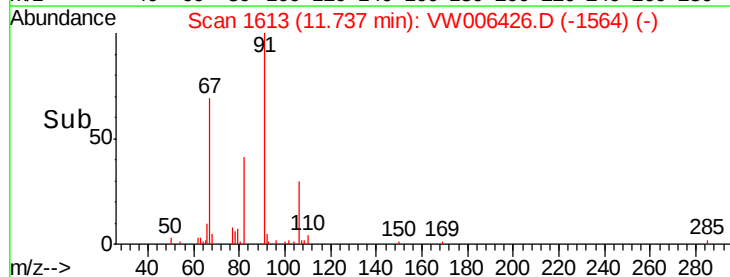
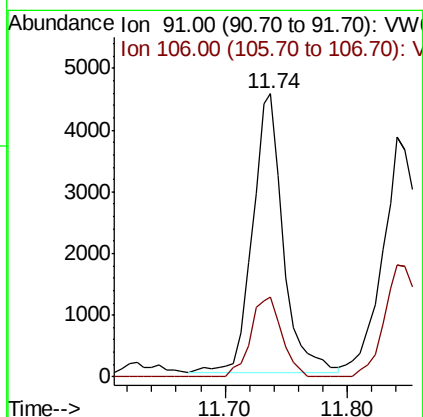
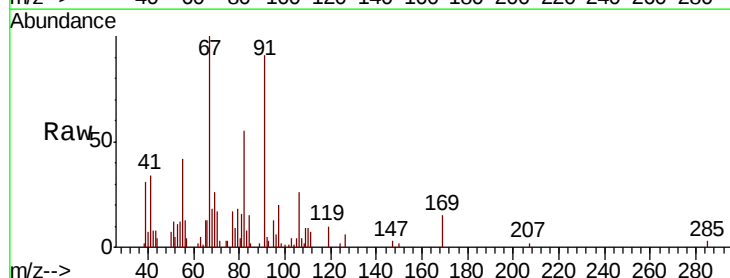
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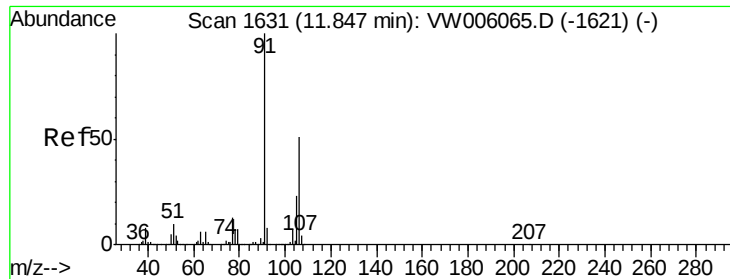
Tot Ion:117 Resp: 46966
Ion Ratio Lower Upper
117 100
82 50.8 42.1 63.1
119 32.1 25.8 38.6



#67
Ethyl Benzene
Concen: 4.553 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006426.D
Acq: 27 Oct 2018 02:41

Tgt Ion: 91 Resp: 7933
Ion Ratio Lower Upper
91 100
106 28.8 26.1 39.1

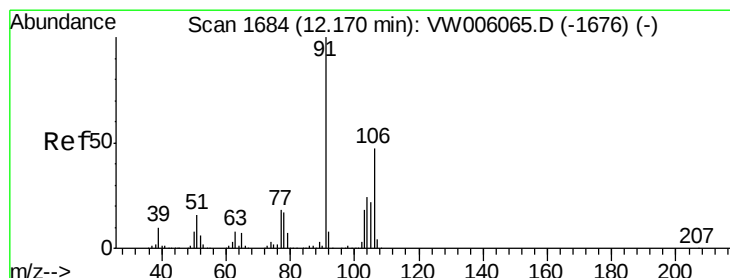
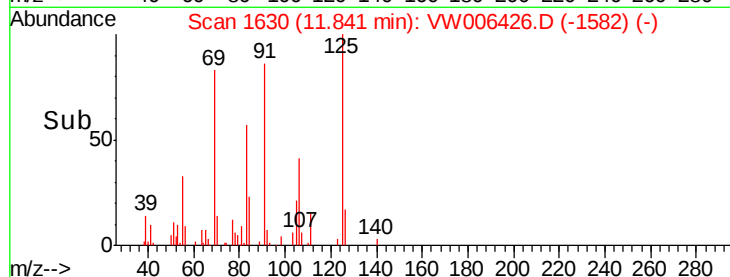
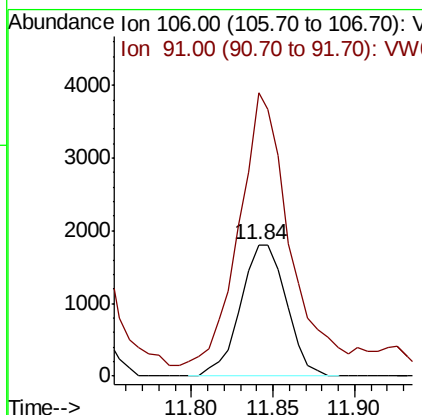
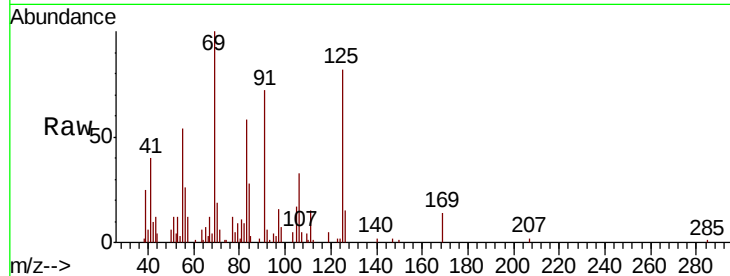




#68
m/p-Xylenes
Concen: 5.120 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006426.D
Acq: 27 Oct 2018 02:41

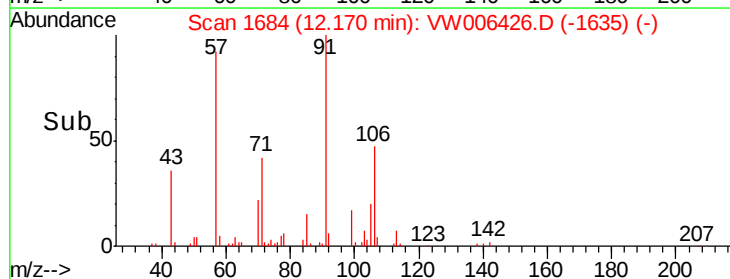
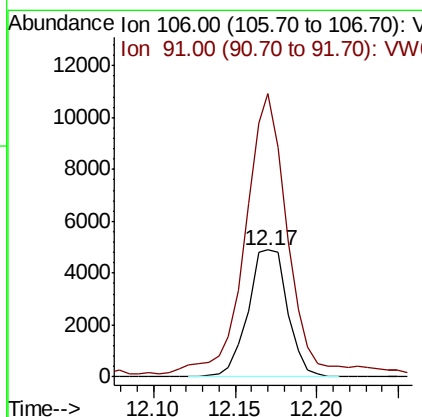
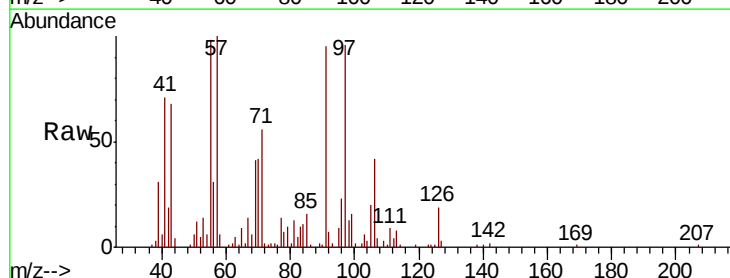
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-1ARE

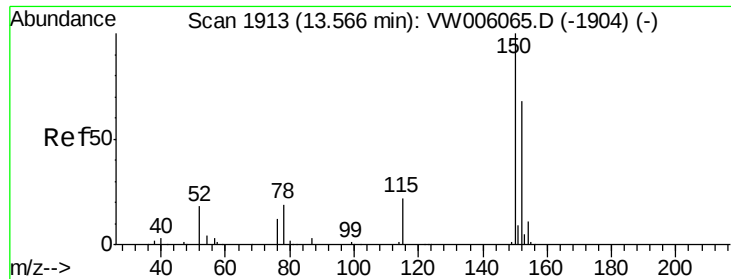
Tot Ion:106 Resp: 3526
Ion Ratio Lower Upper
106 100
91 222.5 159.1 238.7



#69
o-Xylene
Concen: 12.573 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006426.D
Acq: 27 Oct 2018 02:41

Tgt Ion:106 Resp: 8252
Ion Ratio Lower Upper
106 100
91 243.0 105.4 316.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006426.D

Acq: 27 Oct 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-1ARE

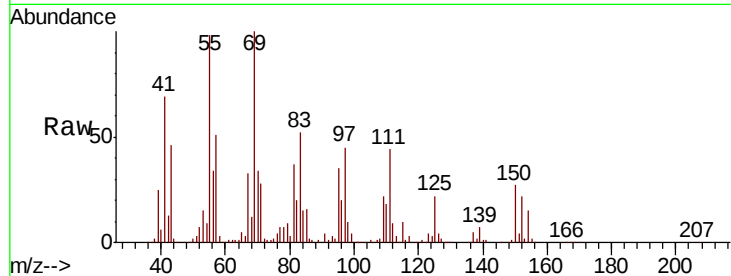
Tot Ion:152 Resp: 25152

Ion Ratio Lower Upper

152 100

115 36.8 27.8 83.3

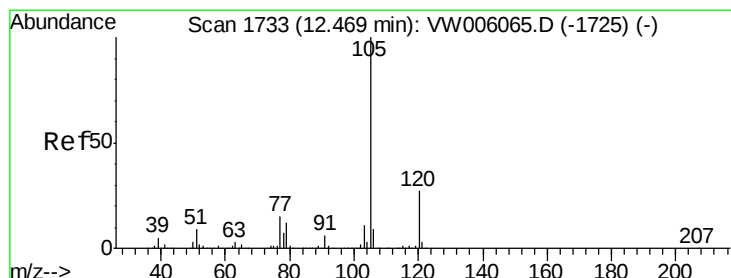
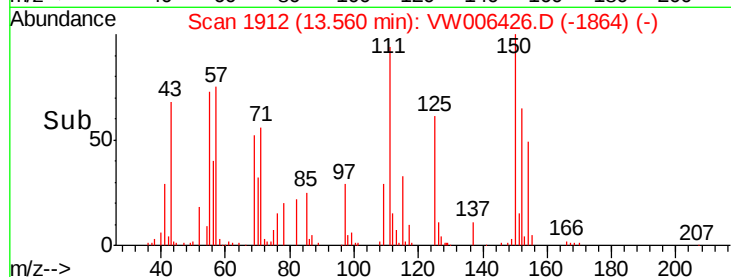
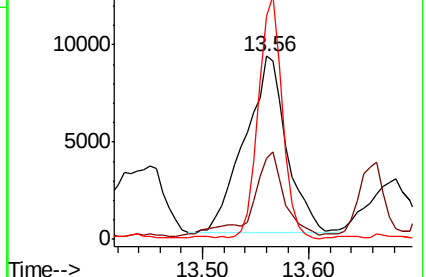
150 78.9 0.0 349.2



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



#73

Isopropylbenzene

Concen: 90.124 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006426.D

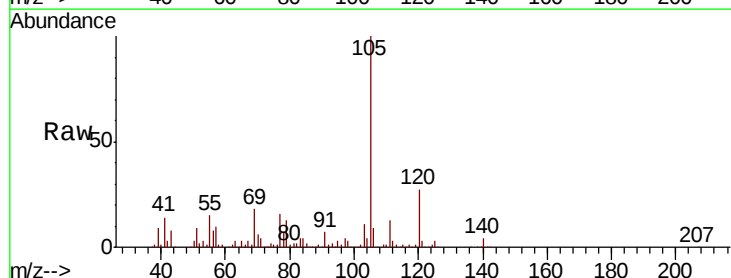
Acq: 27 Oct 2018 02:41

Tgt Ion:105 Resp: 160142

Ion Ratio Lower Upper

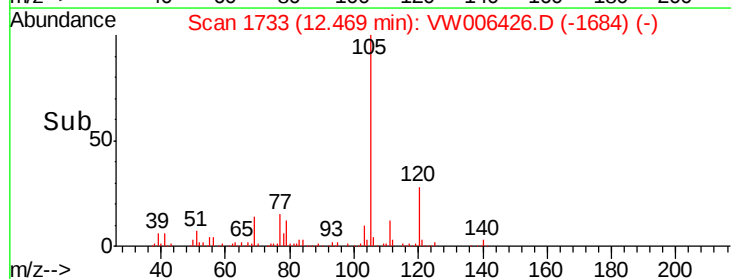
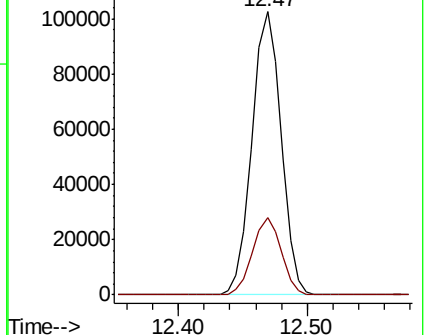
105 100

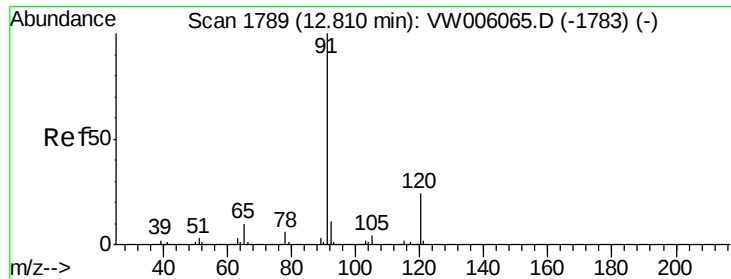
120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

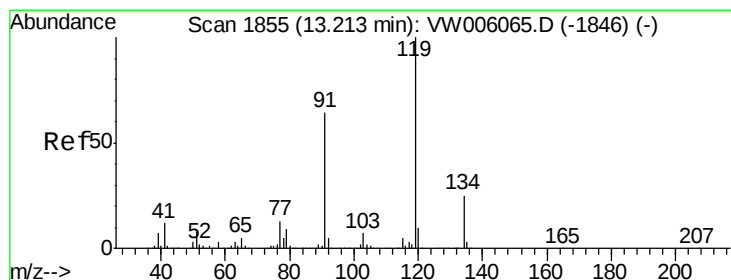
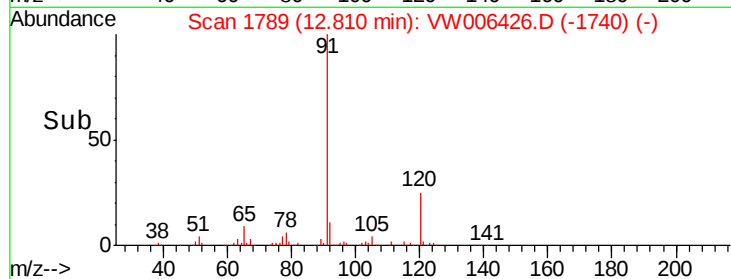
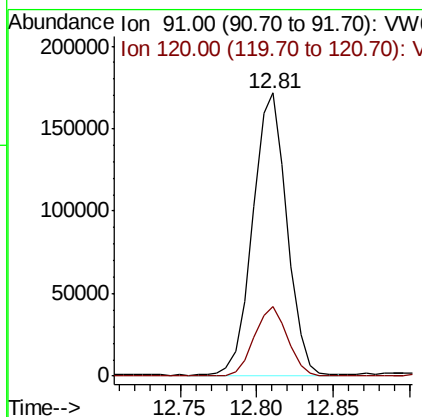
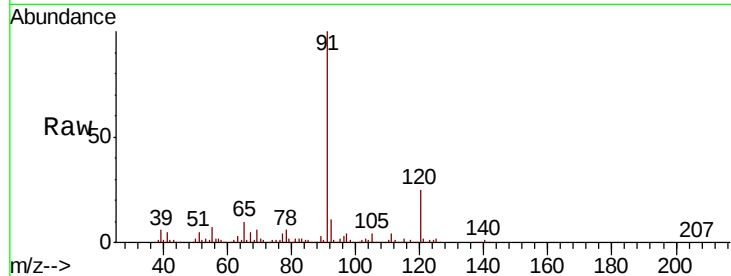




#78
n-propylbenzene
Concen: 127.732 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006426.D
Acq: 27 Oct 2018 02:41

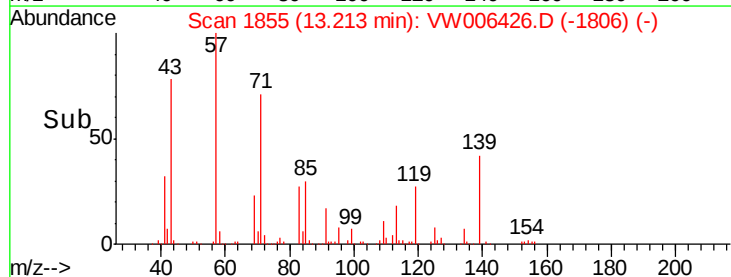
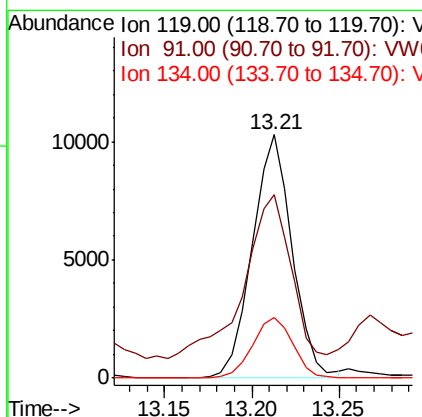
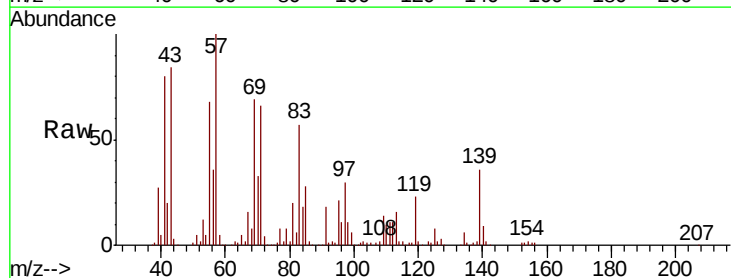
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-1ARE

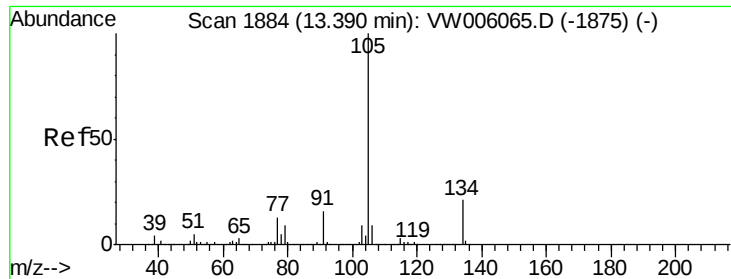
Tot Ion: 91 Resp: 264058
Ion Ratio Lower Upper
91 100
120 24.2 12.2 36.6



#83
tert-Butylbenzene
Concen: 12.220 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006426.D
Acq: 27 Oct 2018 02:41

Tgt Ion: 119 Resp: 16378
Ion Ratio Lower Upper
119 100
91 78.2 32.3 96.9
134 25.4 13.6 40.8





#85

sec-Butylbenzene

Concen: 106.541 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006426.D

Acq: 27 Oct 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

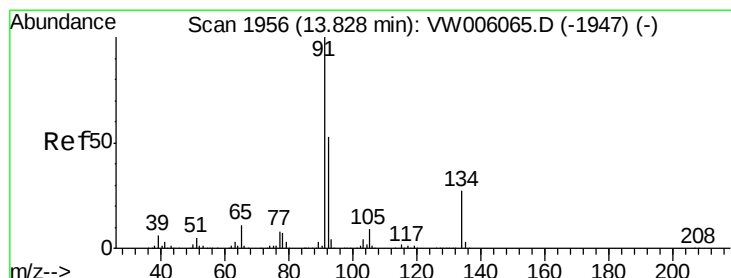
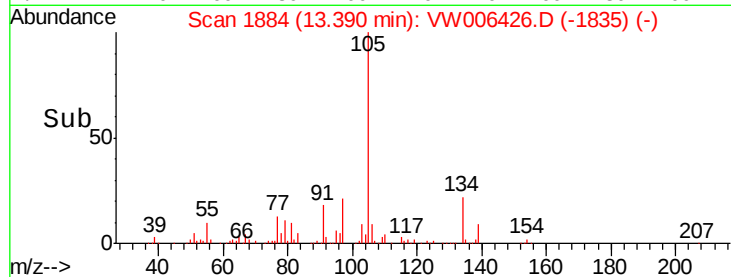
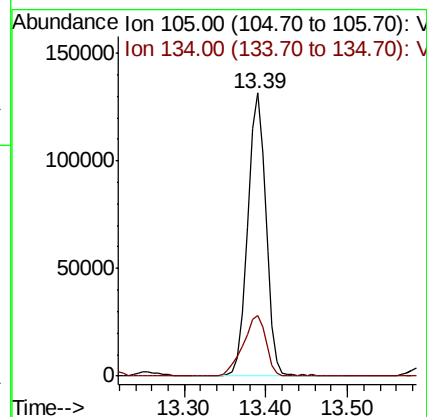
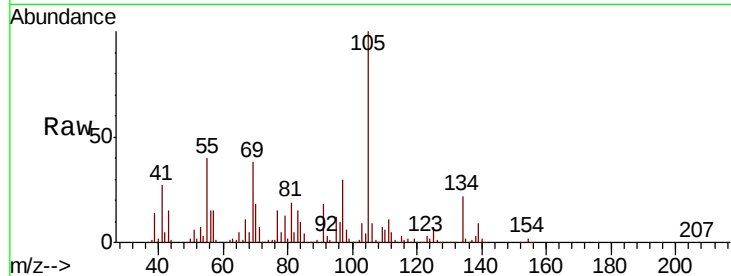
NON-UST-1ARE

Tot Ion:105 Resp: 201725

Ion Ratio Lower Upper

105 100

134 27.1 10.5 31.6



#89

n-Butylbenzene

Concen: 113.402 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006426.D

Acq: 27 Oct 2018 02:41

Tgt Ion: 91 Resp: 177613

Ion Ratio Lower Upper

91 100

92 48.0 26.6 79.7

134 49.4 14.0 41.9#

