

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007056.D
 Acq On : 26 Nov 2018 18:57
 Operator : VAY/AP
 Sample : J6003-03
 Misc : 3.66G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-A

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Quant Time: Nov 27 06:47:50 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	27271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	56700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	41255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11297	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	26586	99.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	199.16%	
35) Dibromofluoromethane	7.89	113	20878	65.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.40%	
50) Toluene-d8	10.33	98	55374	39.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.32%	
62) 4-Bromofluorobenzene	12.62	95	17758	31.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2283	58.90	ug/l	100
20) Methylene Chloride	4.93	84	3690	7.34	ug/l	93
39) Methylcyclohexane	9.34	83	1103	1.59	ug/l #	75
40) Benzene	8.33	78	1776	1.19	ug/l	99
52) Toluene	10.39	92	2727	2.68	ug/l	93
73) Isopropylbenzene	12.47	105	92805	105.70	ug/l	99
78) n-propylbenzene	12.81	91	141022	132.60	ug/l	99
83) tert-Butylbenzene	13.21	119	7000	10.65	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	1870m	2.47	ug/l	
85) sec-Butylbenzene	13.39	105	109516	117.93	ug/l	86
89) n-Butylbenzene	13.83	91	55420	71.88	ug/l #	79

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

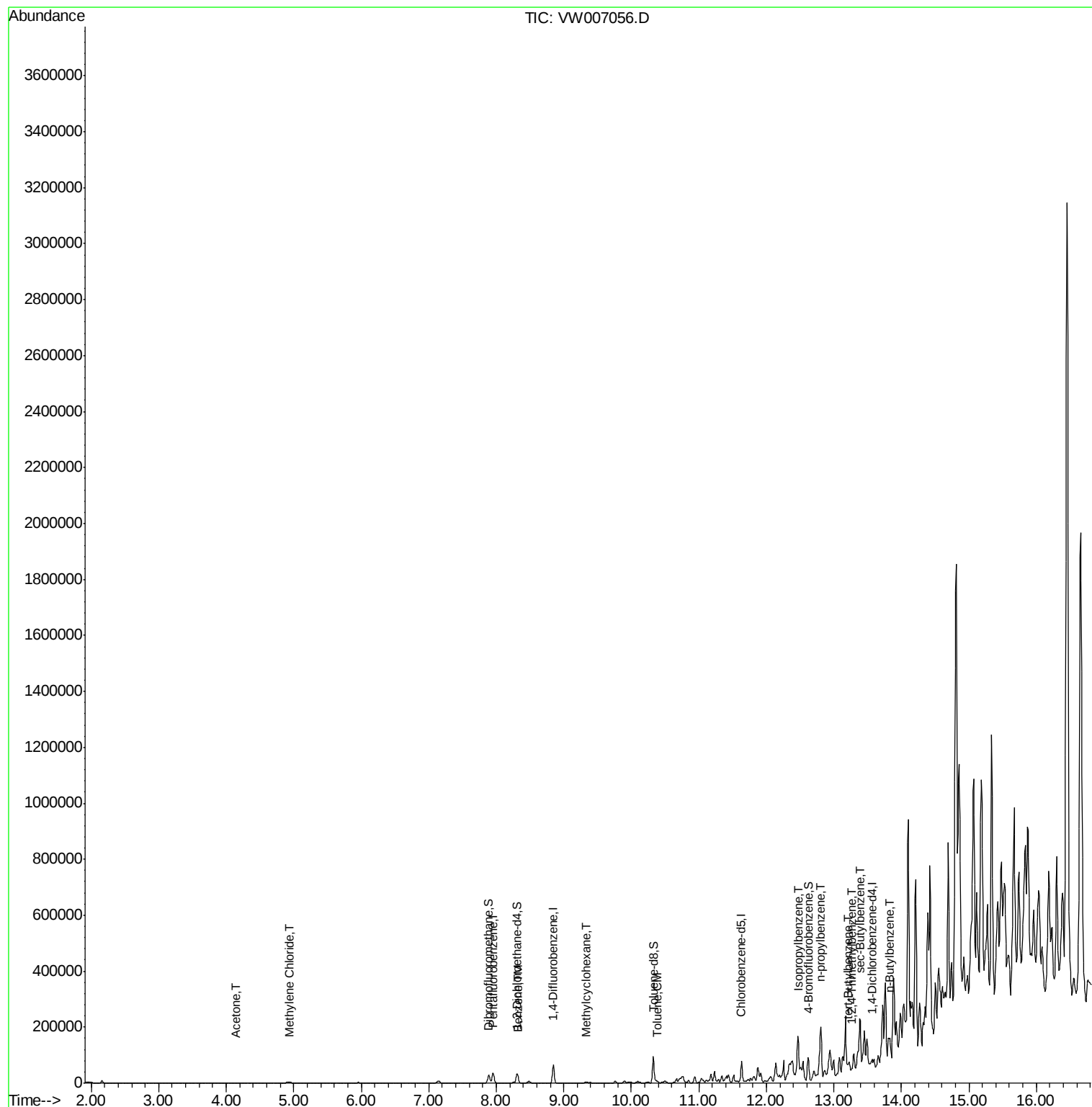
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007056.D
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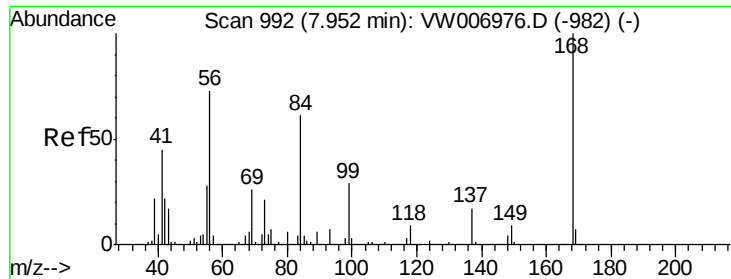
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-A

Quant Time: Nov 27 06:47:50 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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007056.D

Acq: 26 Nov 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-A

Tgt Ion: 168 Resp: 27271

Ion Ratio Lower Upper

168 100

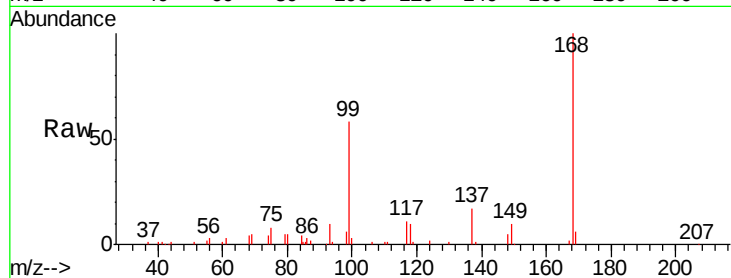
99 58.2 48.2 72.4

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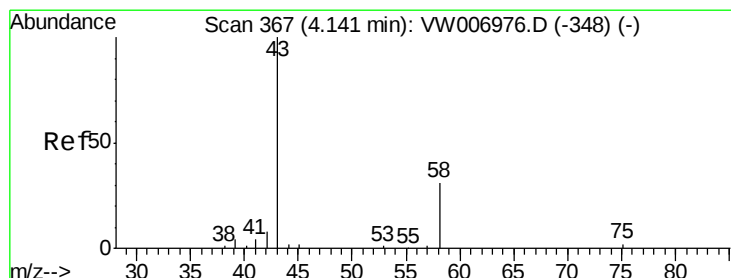
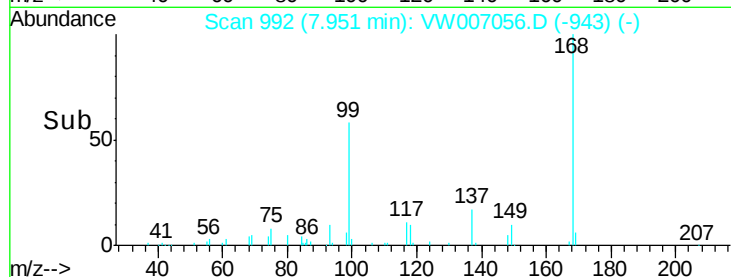
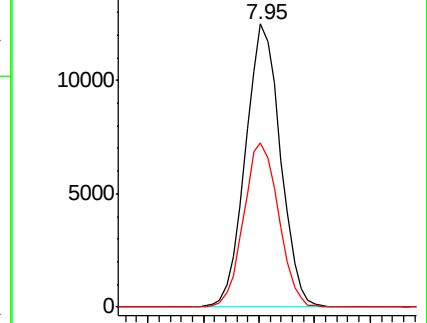
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 58.90 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007056.D

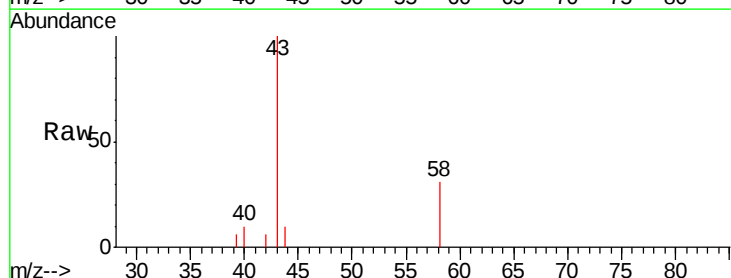
Acq: 26 Nov 2018 18:57

Tgt Ion: 43 Resp: 2283

Ion Ratio Lower Upper

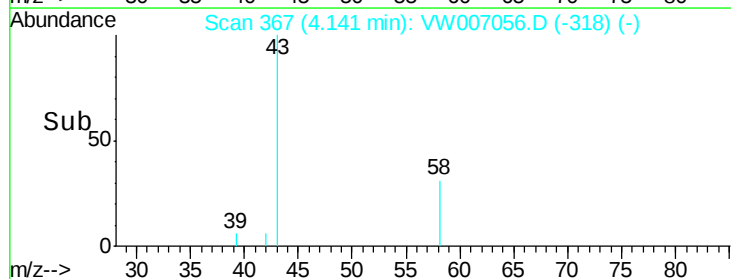
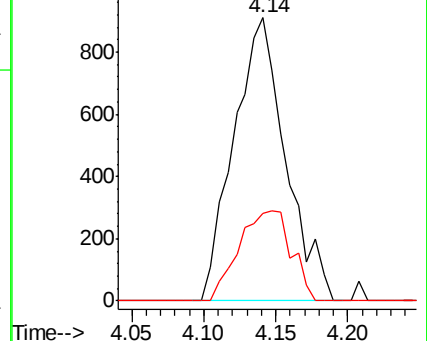
43 100

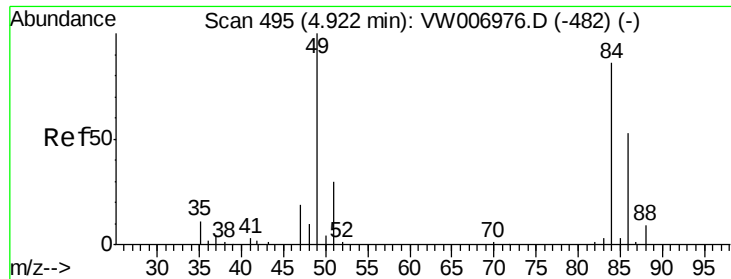
58 30.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





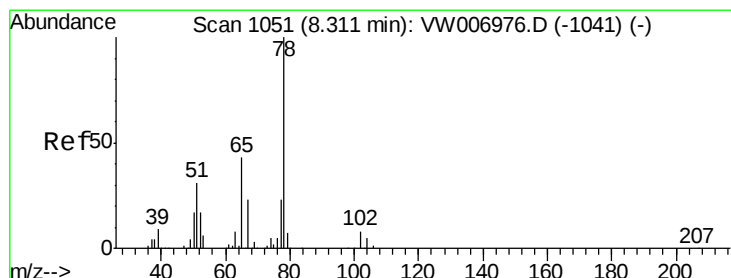
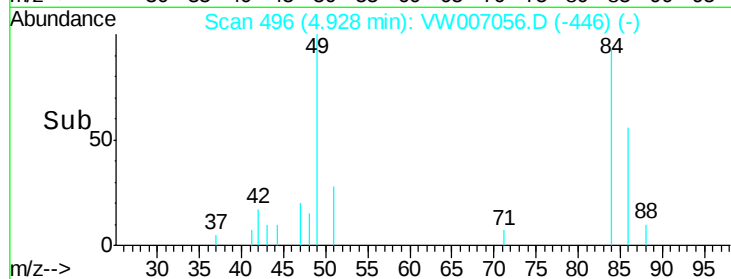
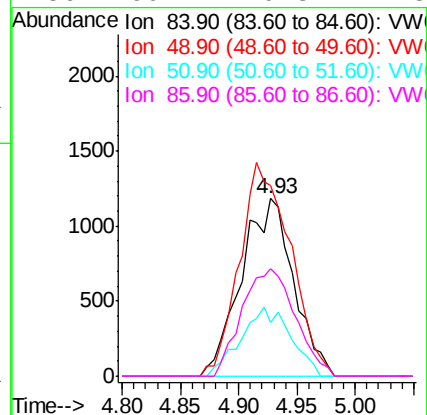
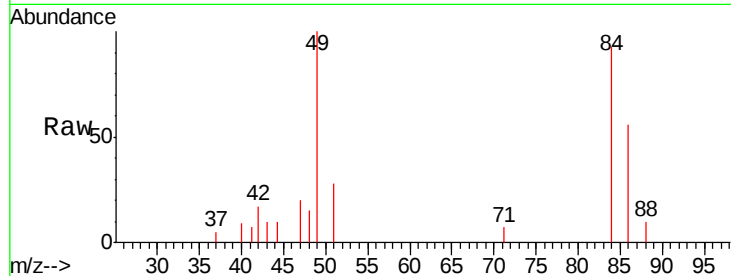
#20
Methylene Chloride
Concen: 7.34 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007056.D
Acq: 26 Nov 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-A

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.6	93.4	140.0
51	30.1	28.4	42.6
86	60.7	49.8	74.8

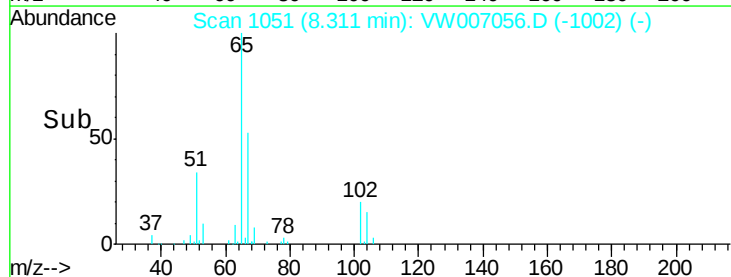
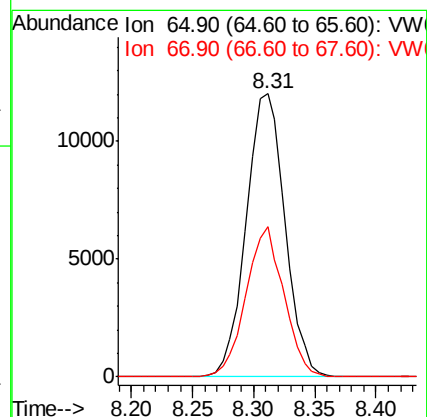
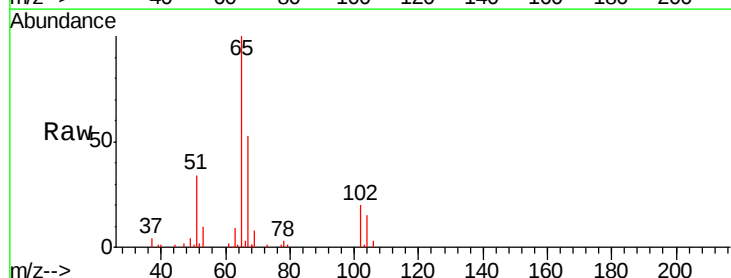
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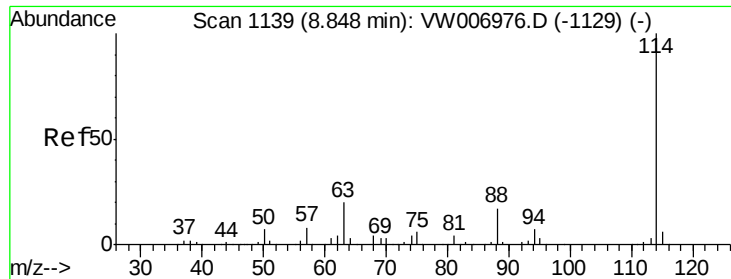
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#33
1,2-Dichloroethane-d4
Concen: 99.58 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007056.D
Acq: 26 Nov 2018 18:57

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.2





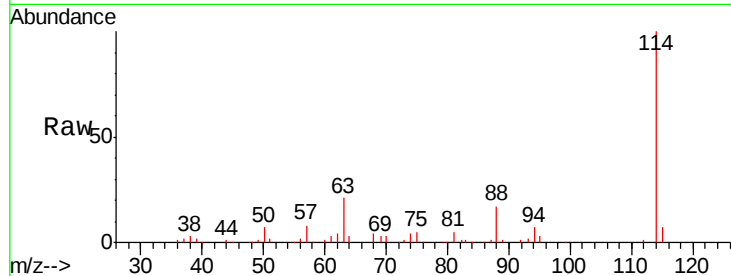
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007056.D
 Acq: 26 Nov 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-A

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	56700		
63	21.1	0.0	39.4	
88	16.6	0.0	34.2	

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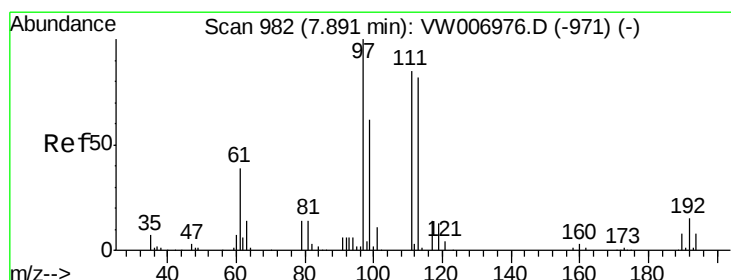
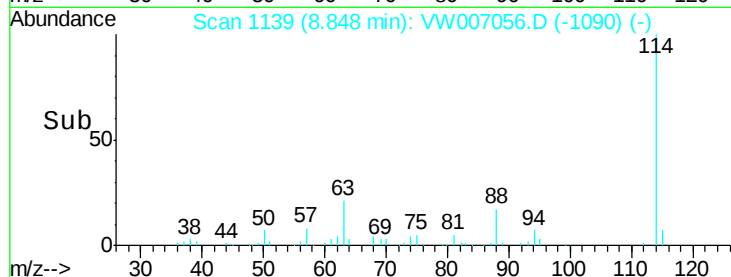
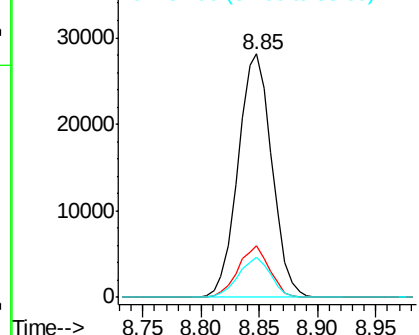
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Abundance Ion 113.90 (113.60 to 114.60): V

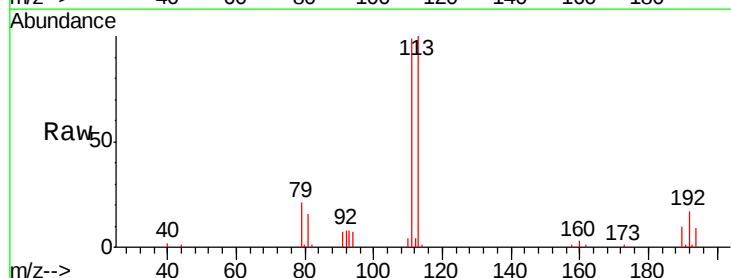
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 65.20 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007056.D
 Acq: 26 Nov 2018 18:57

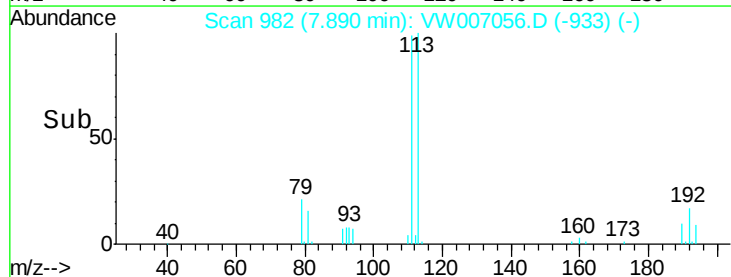
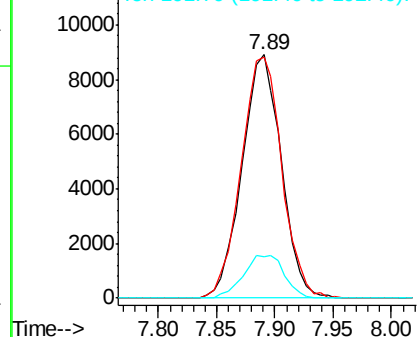
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	20878		
111	102.7	81.0	121.6	
192	18.3	15.0	22.6	

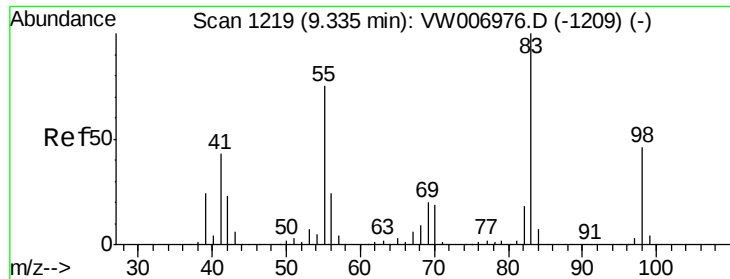


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





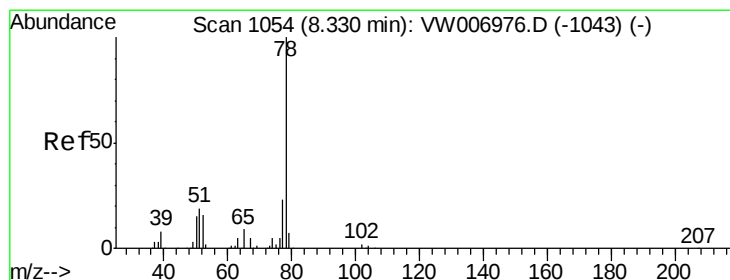
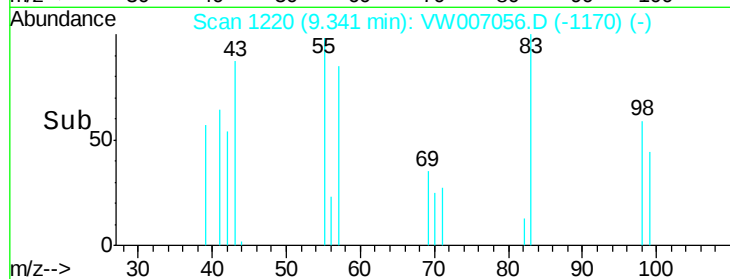
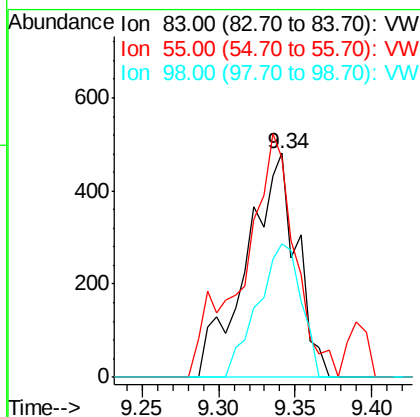
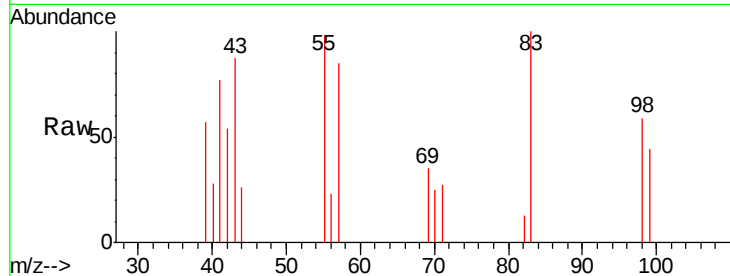
#39
Methylcyclohexane
Concen: 1.59 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007056.D
Acq: 26 Nov 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-A

Tgt Ion	Ratio	Lower	Upper
83	100		
55	97.9	59.6	89.4#
98	59.5	37.1	55.7#

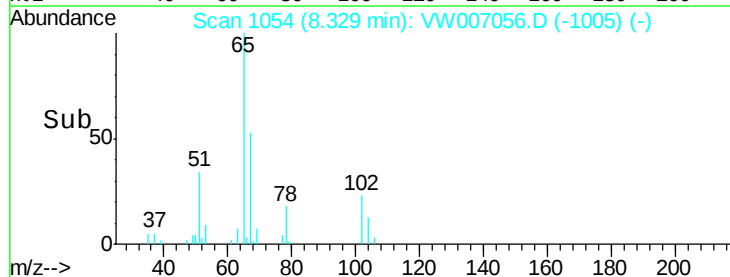
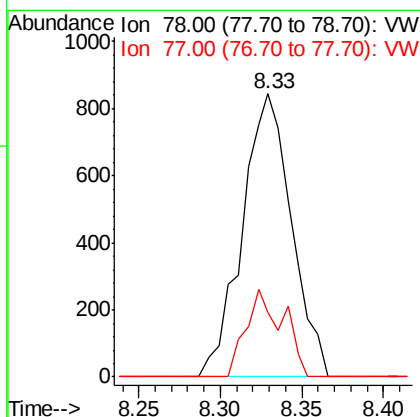
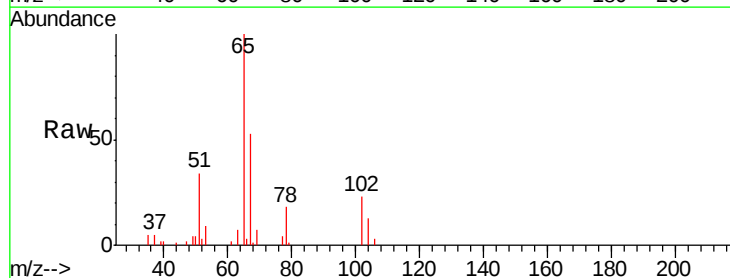
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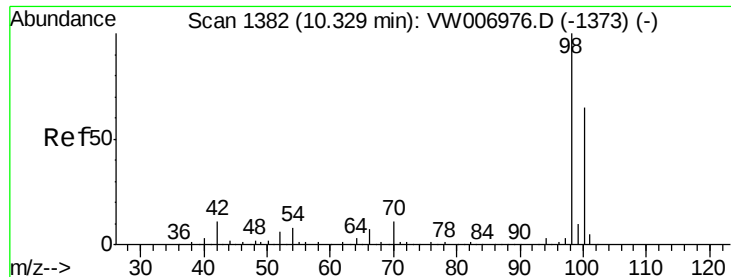
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#40
Benzene
Concen: 1.19 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007056.D
Acq: 26 Nov 2018 18:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





#50

Toluene-d8

Concen: 39.16 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007056.D

Acq: 26 Nov 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-A

Tgt Ion: 98 Resp: 55374

Ion Ratio Lower Upper

98 100

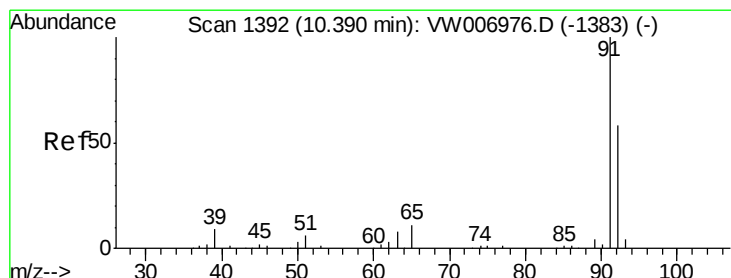
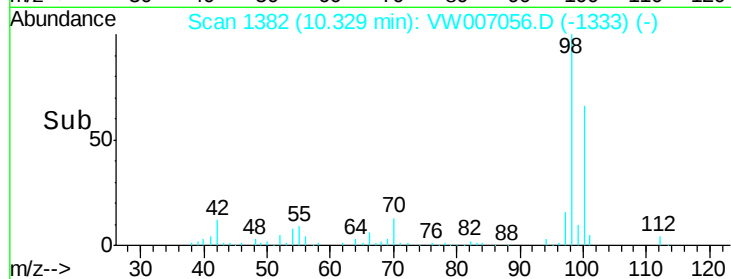
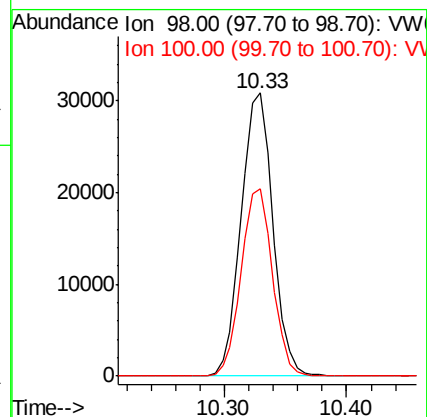
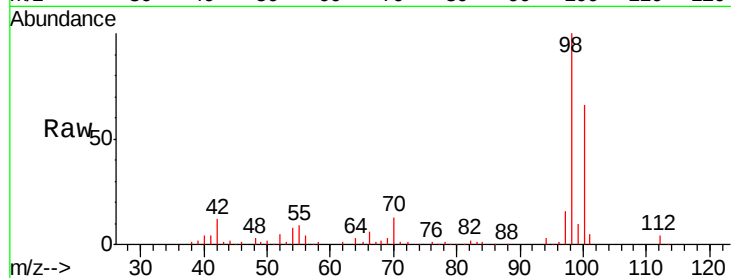
100 65.2 52.2 78.2

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#52

Toluene

Concen: 2.68 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007056.D

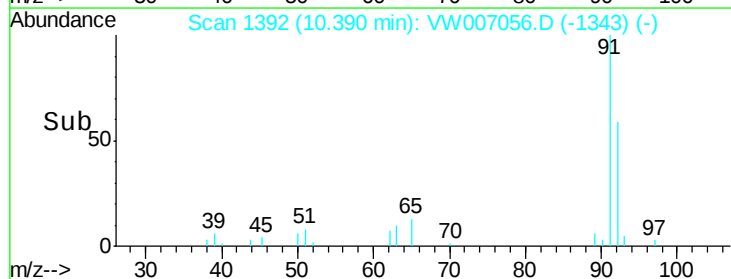
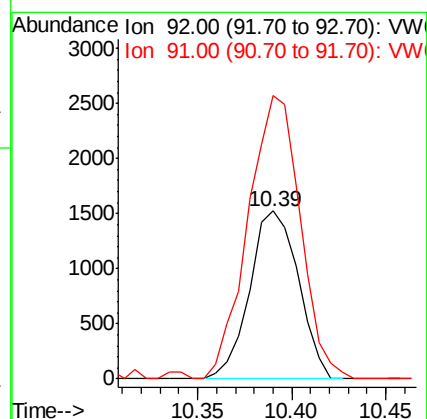
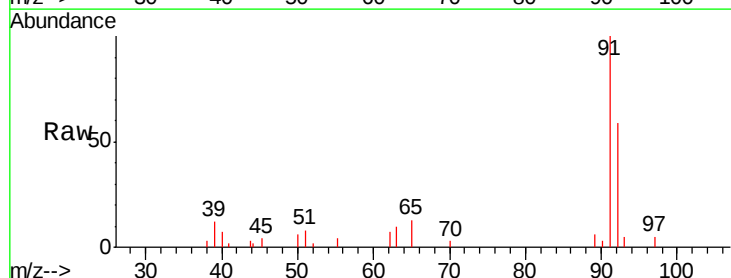
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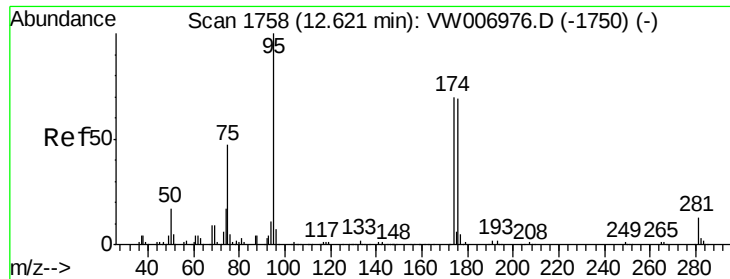
Tgt Ion: 92 Resp: 2727

Ion Ratio Lower Upper

92 100

91 181.2 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 31.92 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007056.D

Acq: 26 Nov 2018 18:57

Instrument :

MSVOA_W

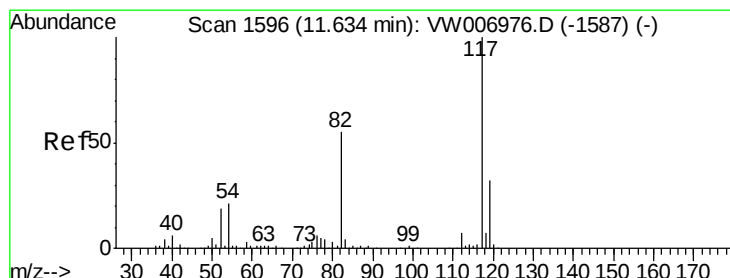
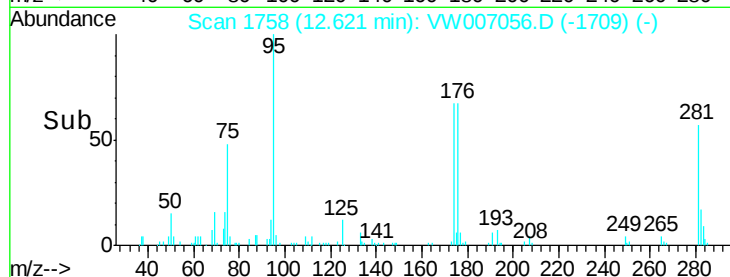
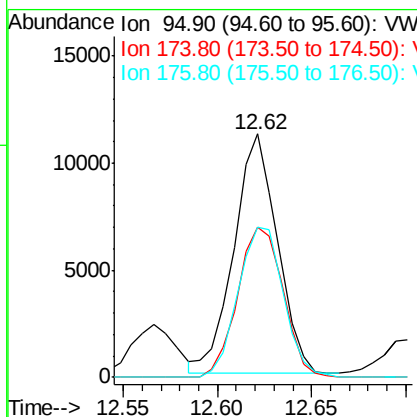
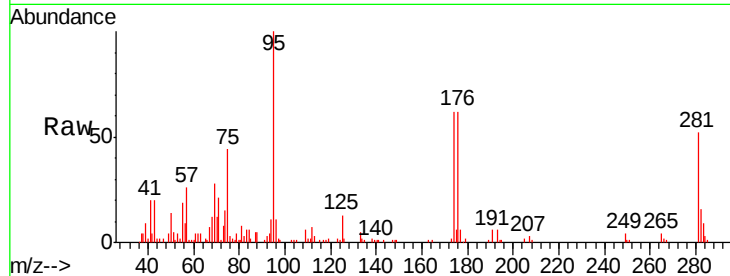
ClientSampleId :

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Tgt Ion:	95	Resp:	17758
Ion Ratio	Lower	Upper	
95	100		
174	66.1	0.0	143.6
176	65.9	0.0	140.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

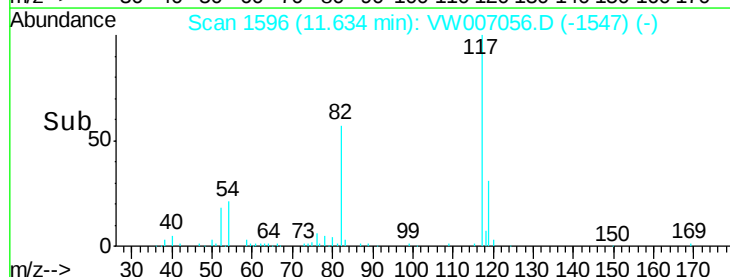
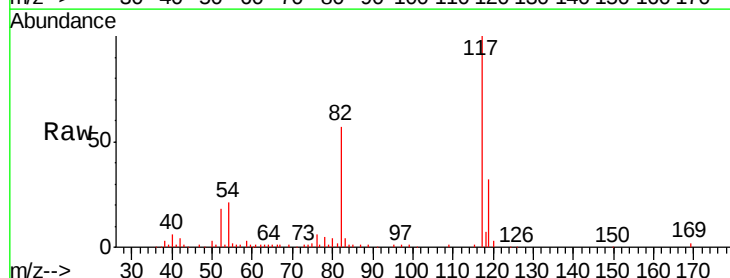
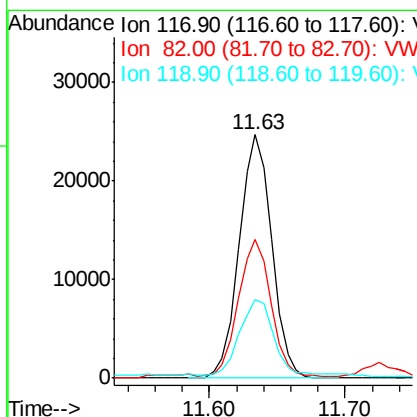
RT: 11.63 min Scan# 1596

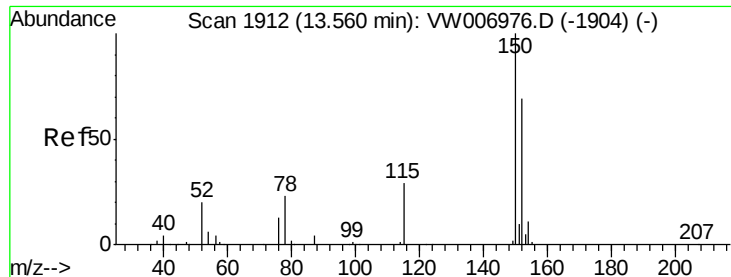
Delta R.T. -0.00 min

Lab File: VW007056.D

Acq: 26 Nov 2018 18:57

Tgt Ion:	117	Resp:	41255
Ion Ratio	Lower	Upper	
117	100		
82	56.3	44.2	66.2
119	30.8	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007056.D

Acq: 26 Nov 2018 18:57

Instrument :

MSVOA_W

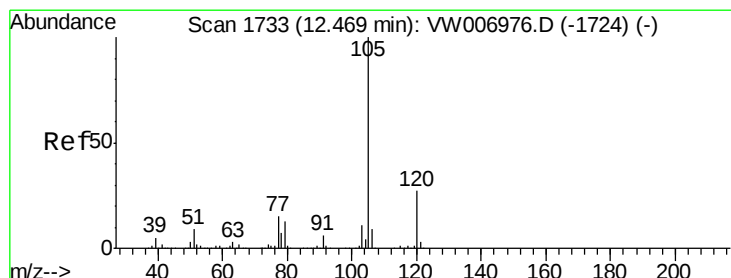
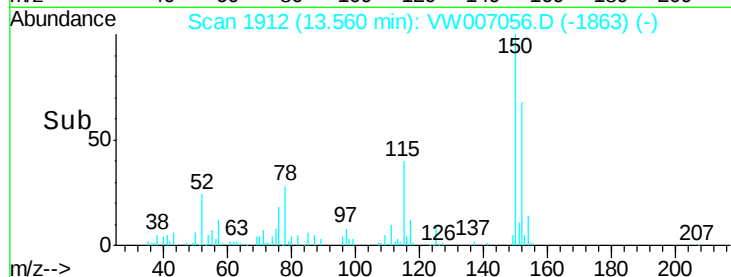
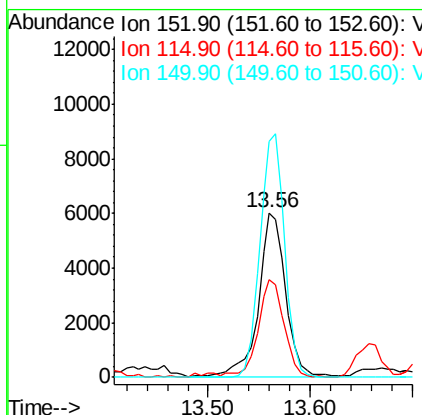
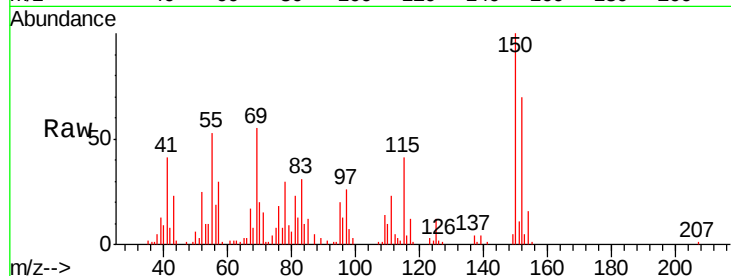
ClientSampleId :

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Tgt Ion:	152	Resp:	11297
Ion Ratio	Lower	Upper	
152	100		
115	56.4	31.4	94.2
150	132.4	0.0	353.4

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#73

Isopropylbenzene

Concen: 105.70 ug/l

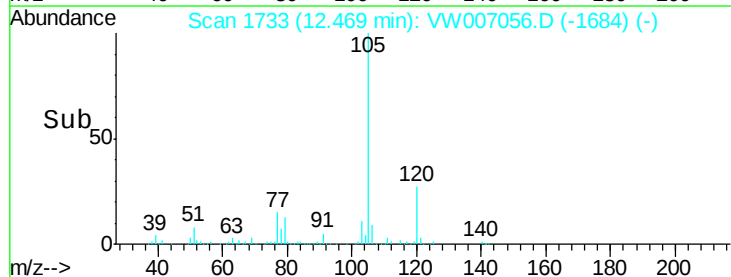
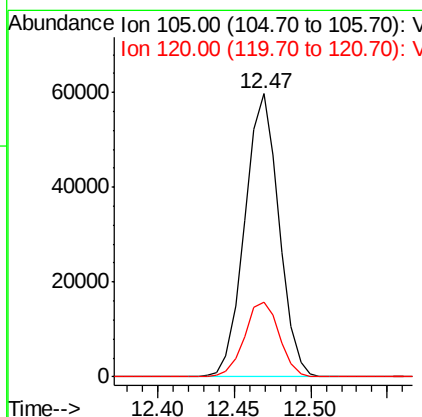
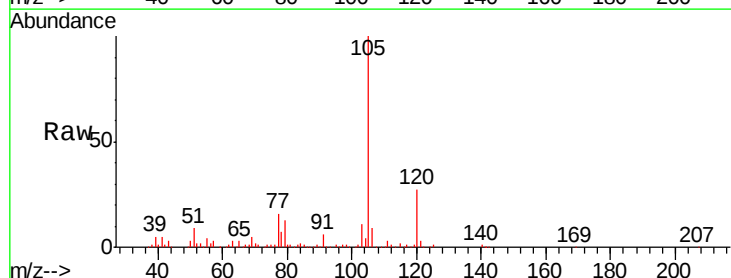
RT: 12.47 min Scan# 1733

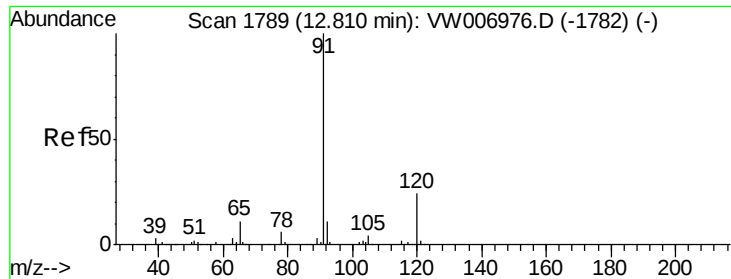
Delta R.T. -0.00 min

Lab File: VW007056.D

Acq: 26 Nov 2018 18:57

Tgt Ion:	105	Resp:	92805
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.3	39.8





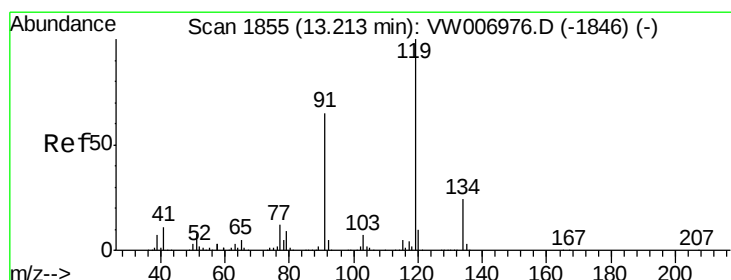
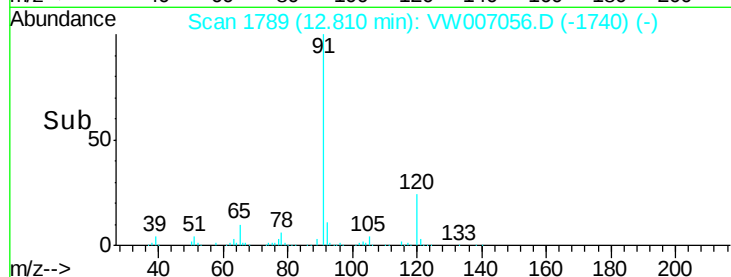
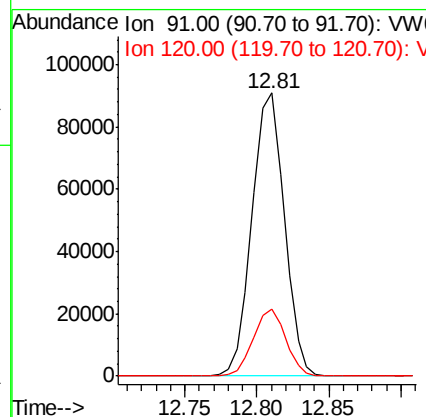
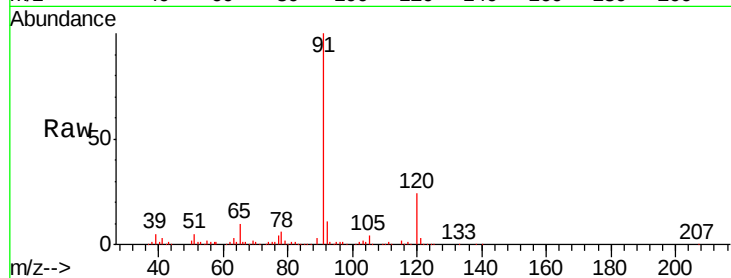
#78
n-propylbenzene
Concen: 132.60 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007056.D
Acq: 26 Nov 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-A

Tgt Ion: 91 Resp: 141022
Ion Ratio Lower Upper
91 100
120 23.7 11.7 35.1

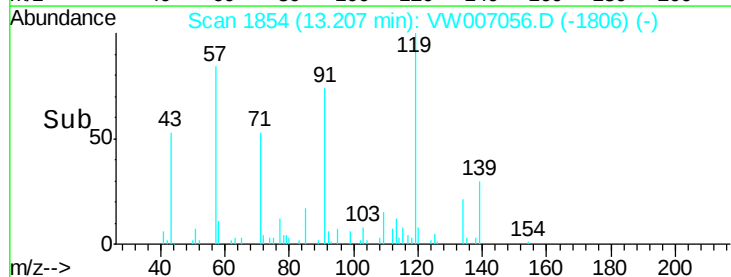
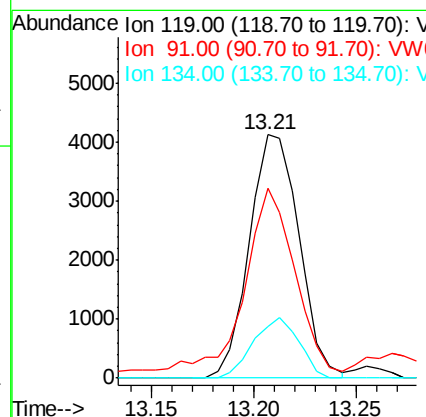
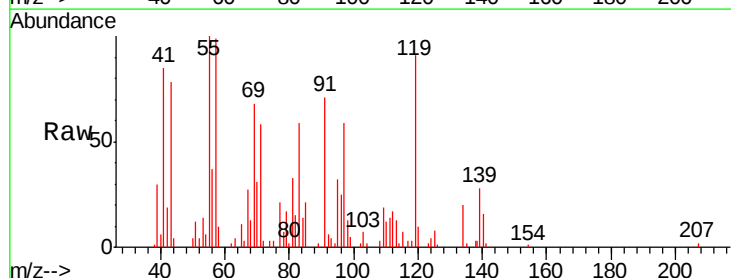
Manual Integrations
APPROVED

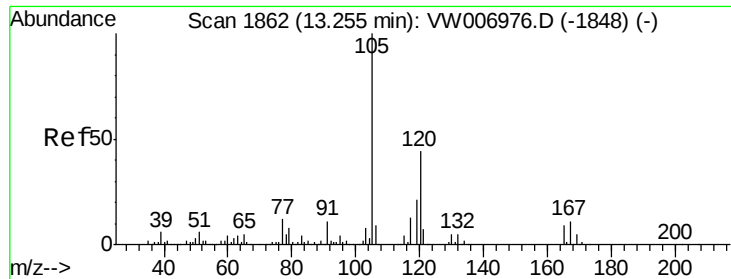
apatel
11/27/2018 2:44:14 PM



#83
tert-Butylbenzene
Concen: 10.65 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007056.D
Acq: 26 Nov 2018 18:57

Tgt Ion: 119 Resp: 7000
Ion Ratio Lower Upper
119 100
91 72.9 33.5 100.5
134 22.9 12.6 37.8





#84

1,2,4-Trimethylbenzene

Concen: 2.47 ug/l m

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007056.D

Acq: 26 Nov 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-A

Tgt Ion:105 Resp: 1870

Ion Ratio Lower Upper

105 100

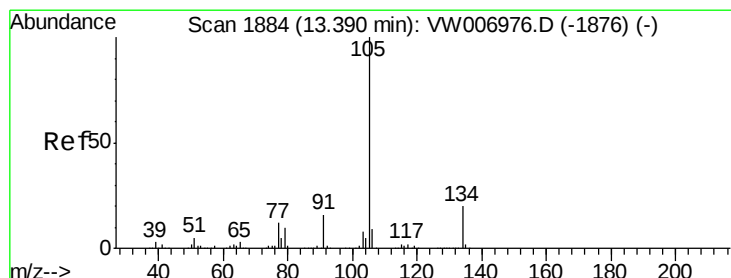
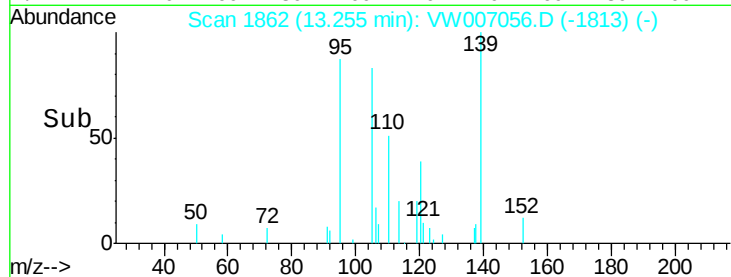
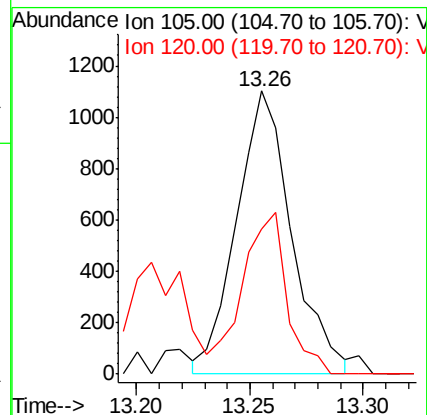
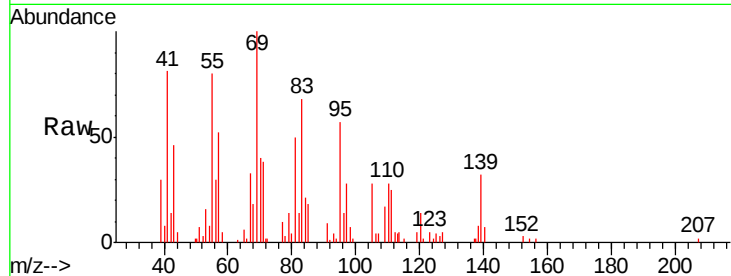
120 10.3 21.8 65.3#

Manual Integrations

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11/27/2018 2:44:14 PM



#85

sec-Butylbenzene

Concen: 117.93 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007056.D

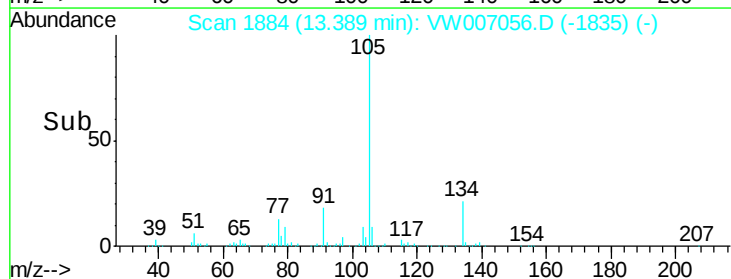
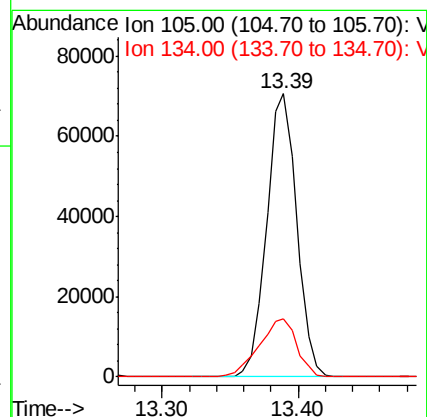
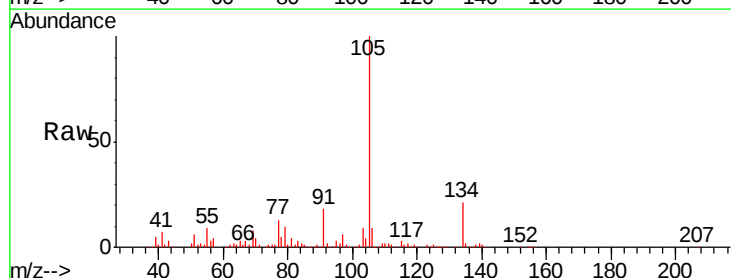
Acq: 26 Nov 2018 18:57

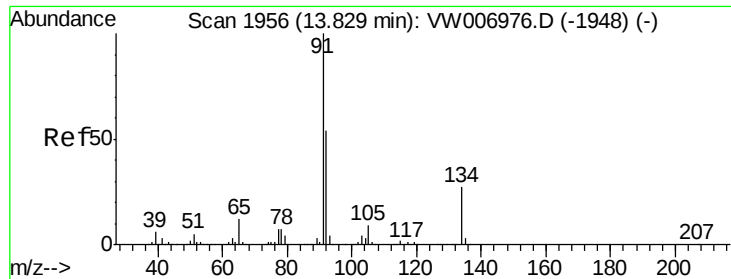
Tgt Ion:105 Resp: 109516

Ion Ratio Lower Upper

105 100

134 25.7 9.8 29.3





#89
 n-Butylbenzene
 Concen: 71.88 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW007056.D
 Acq: 26 Nov 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-A

Tgt Ion	Ratio	Lower	Upper
91	100		
92	45.1	26.8	80.4
134	46.5	13.3	39.8

Manual Integrations
 APPROVED

apatel
 11/27/2018 2:44:14 PM

