

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007087.D
 Acq On : 27 Nov 2018 15:04
 Operator : VAY/AP
 Sample : J6003-03RE
 Misc : 4.90G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 28 02:40:08 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	52763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	87031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	82373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33190	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	32767	63.43	ug/l	0.00
Spiked Amount			Recovery	=	126.86%	
35) Dibromofluoromethane	7.89	113	28753	58.50	ug/l	0.00
Spiked Amount			Recovery	=	117.00%	
50) Toluene-d8	10.33	98	107062	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	41980	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	

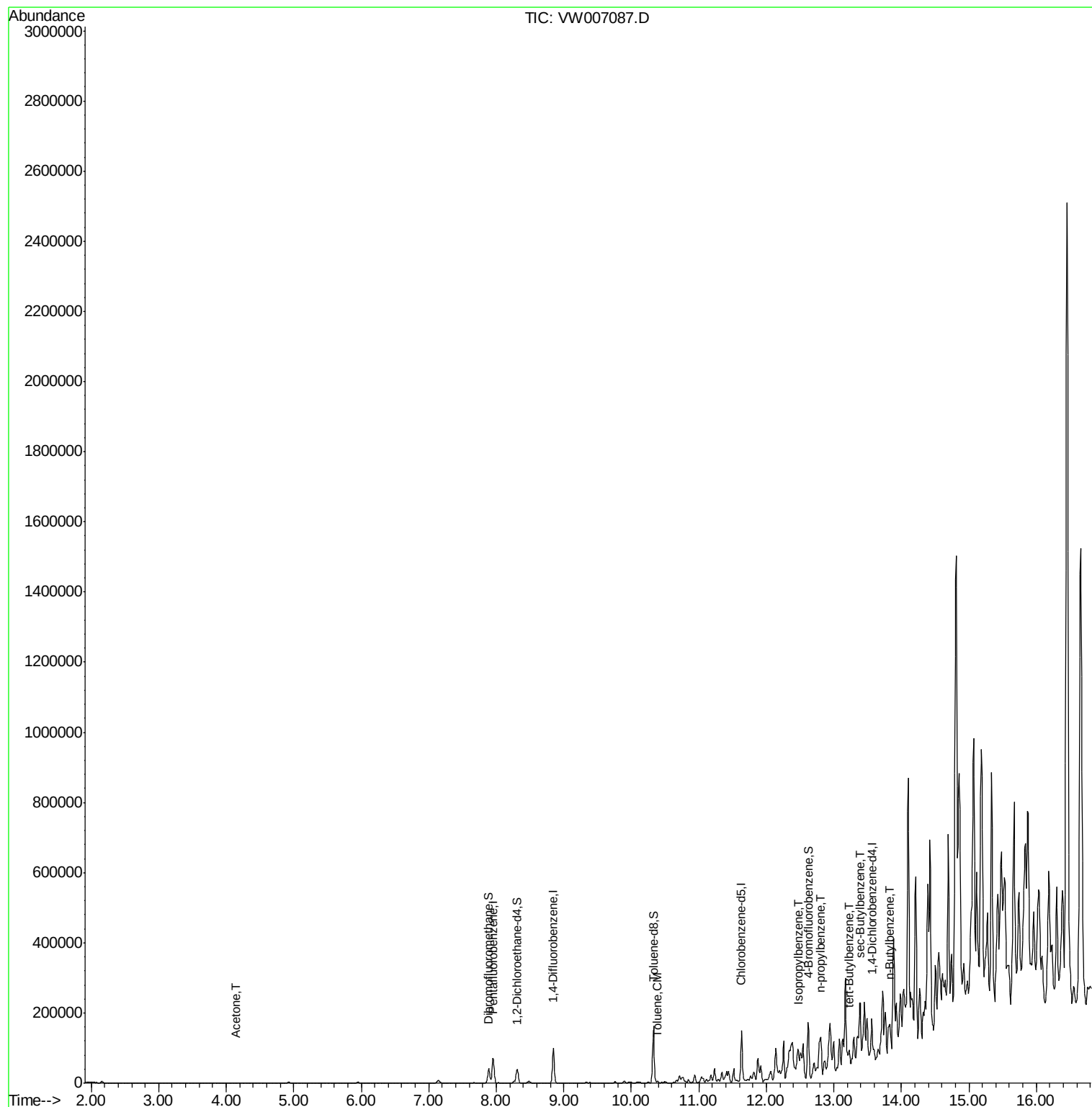
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2204	29.39	ug/l #	87
20) Methylene Chloride	4.93	84	1484	Below Cal	#	75
52) Toluene	10.39	92	2211	1.42	ug/l	95
73) Isopropylbenzene	12.47	105	38400	14.89	ug/l	99
78) n-propylbenzene	12.81	91	76106	24.36	ug/l	99
83) tert-Butylbenzene	13.21	119	5465	2.83	ug/l	92
85) sec-Butylbenzene	13.39	105	97645	35.79	ug/l	87
89) n-Butylbenzene	13.83	91	53003	23.40	ug/l #	80

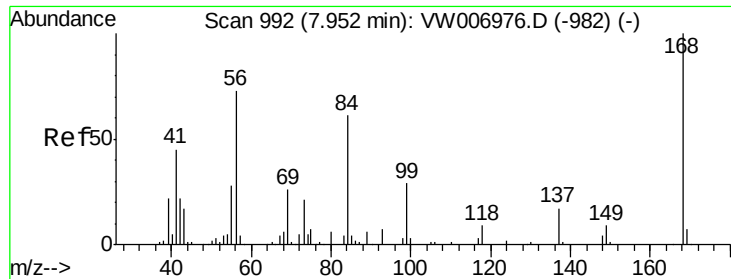
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
Data File : VW007087.D
Acq On : 27 Nov 2018 15:04
Operator : VAY/AP
Sample : J6003-03RE
Misc : 4.90G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 28 02:40:08 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: VW007087.D

Acq: 27 Nov 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

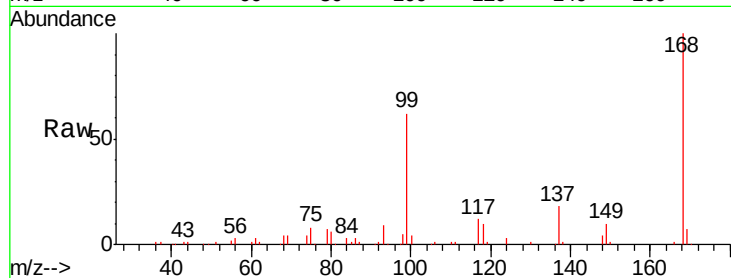
NON-UST-03R-ARE

Tgt Ion:168 Resp: 52763

Ion Ratio Lower Upper

168 100

99 61.5 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

25000

20000

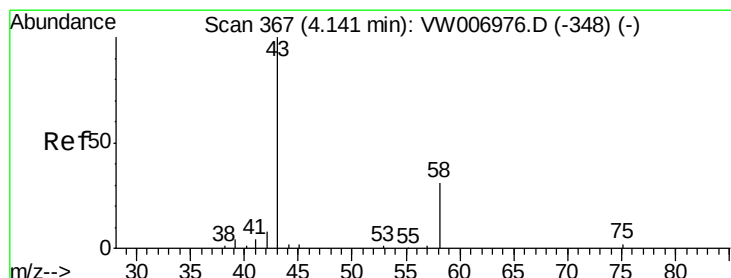
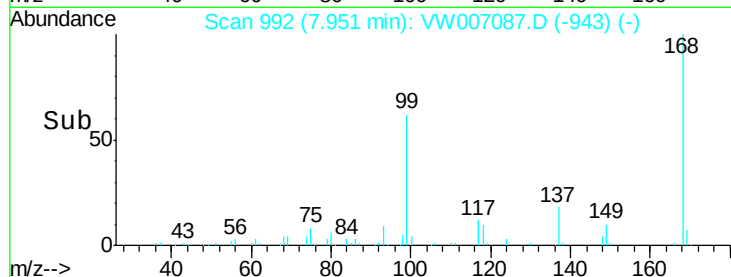
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 29.39 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007087.D

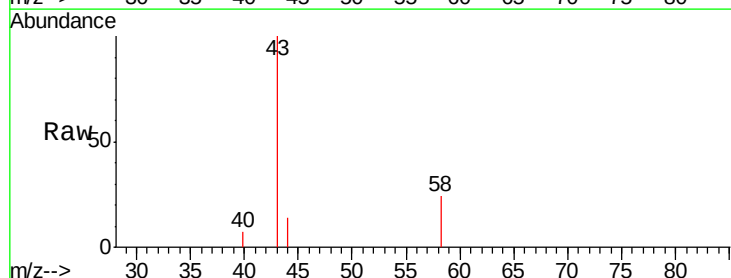
Acq: 27 Nov 2018 15:04

Tgt Ion: 43 Resp: 2204

Ion Ratio Lower Upper

43 100

58 23.7 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

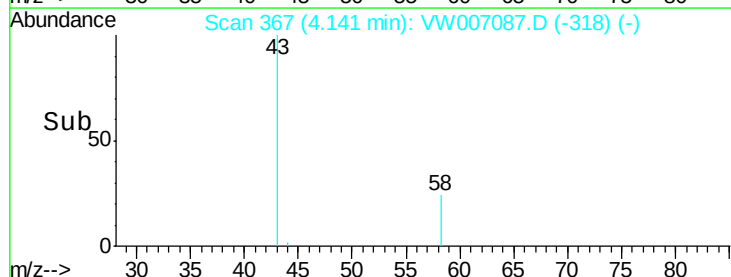
600

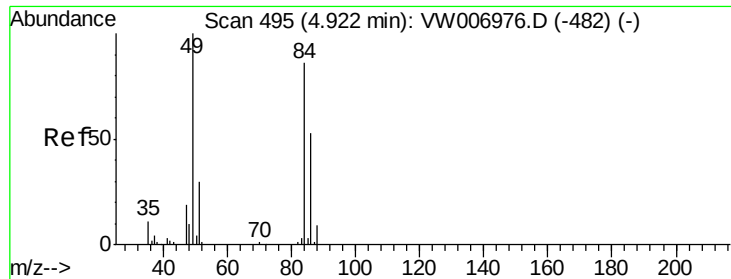
400

200

0

Time-->

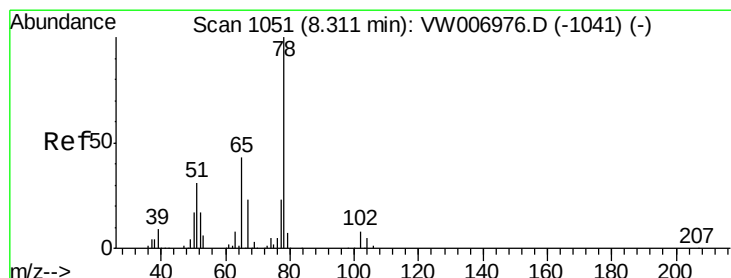
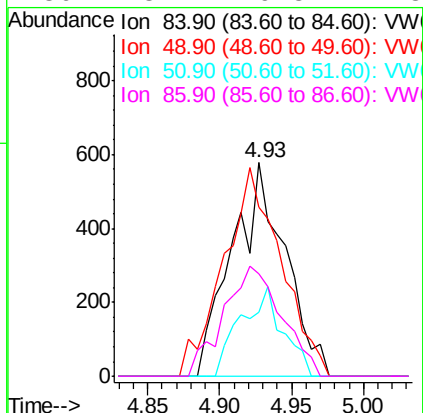
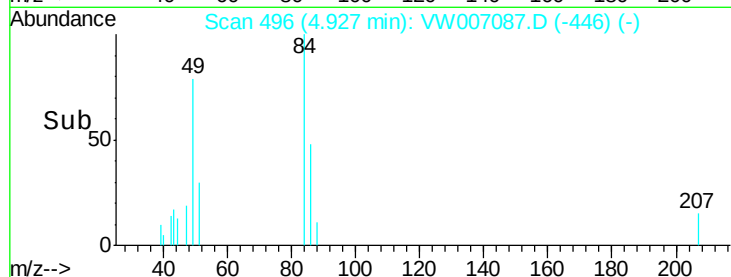
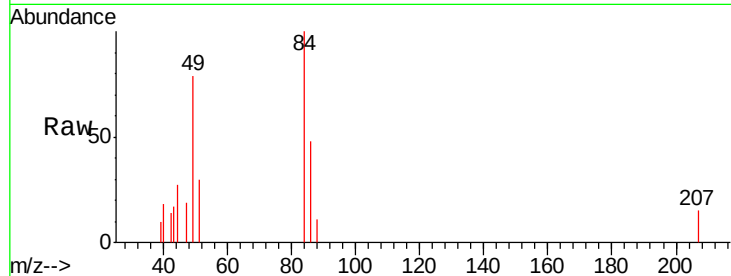




#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007087.D
Acq: 27 Nov 2018 15:04

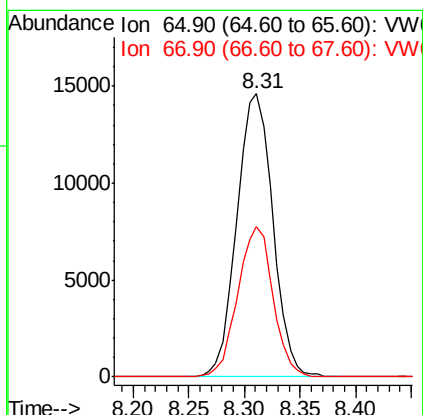
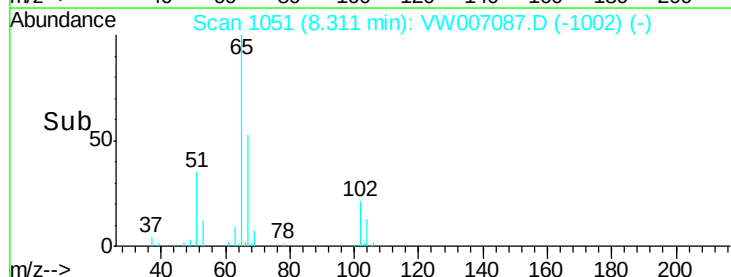
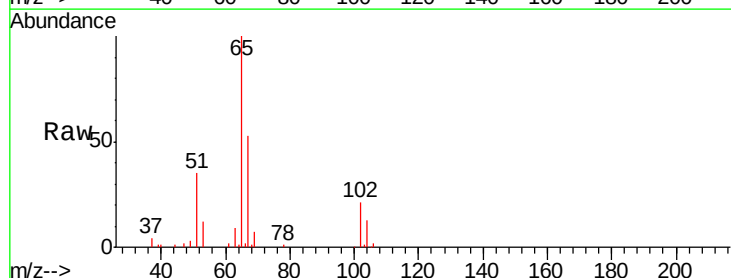
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-ARE

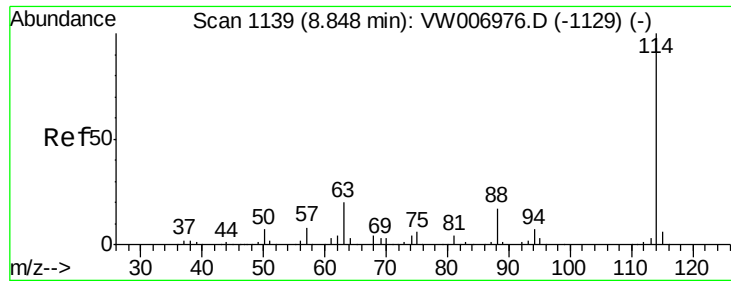
Tgt Ion: 84 Resp: 1484
Ion Ratio Lower Upper
84 100
49 79.4 93.4 140.0#
51 30.3 28.4 42.6
86 48.1 49.8 74.8#



#33
1,2-Dichloroethane-d4
Concen: 63.43 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007087.D
Acq: 27 Nov 2018 15:04

Tgt Ion: 65 Resp: 32767
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2

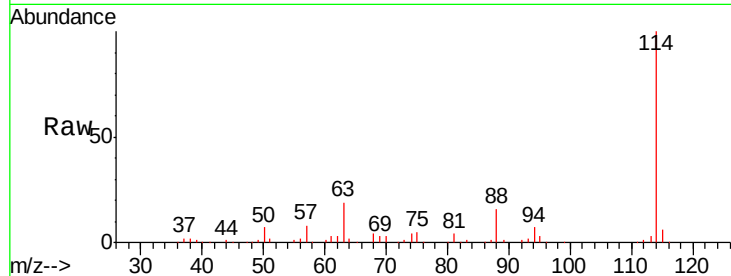




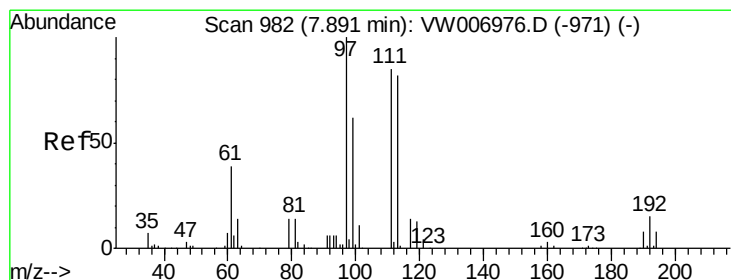
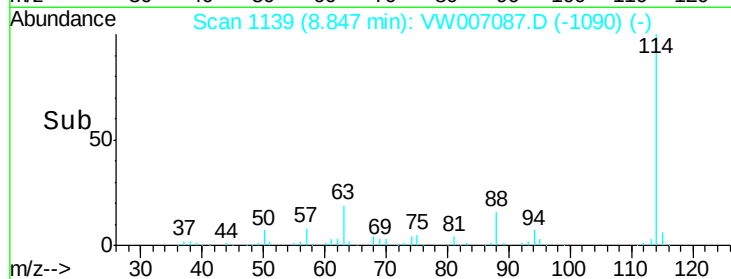
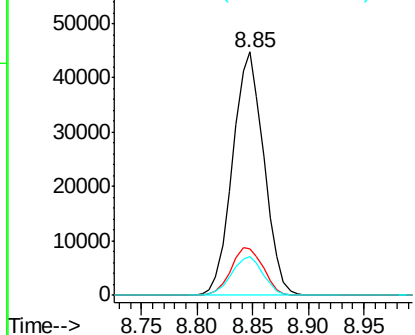
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007087.D
 Acq: 27 Nov 2018 15:04

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

Tgt Ion:114 Resp: 87031
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.4
 88 16.1 0.0 34.2

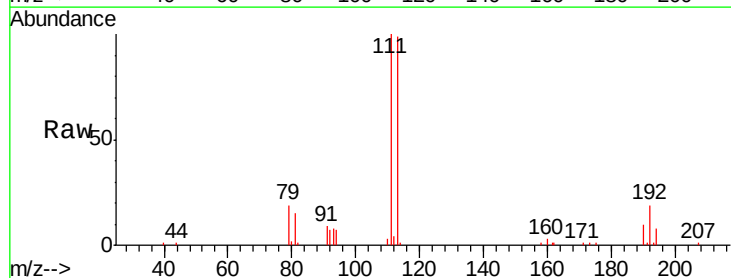


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

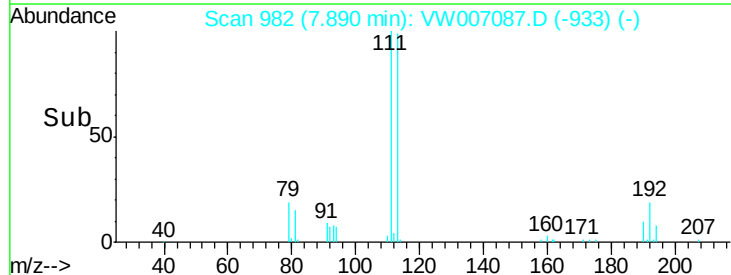
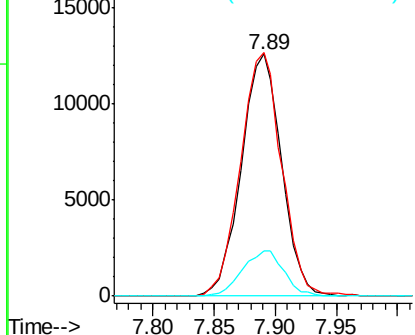


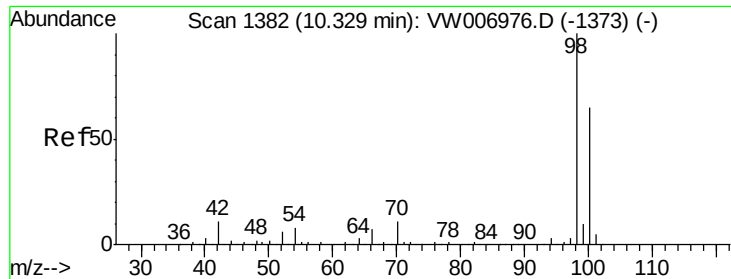
#35
 Dibromofluoromethane
 Concen: 58.50 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007087.D
 Acq: 27 Nov 2018 15:04

Tgt Ion:113 Resp: 28753
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 19.4 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





#50

Toluene-d8

Concen: 49.33 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007087.D

Acq: 27 Nov 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

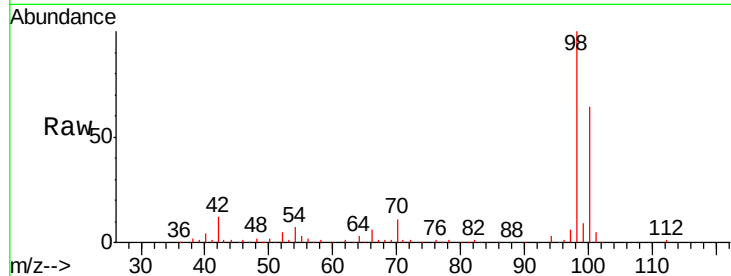
NON-UST-03R-ARE

Tgt Ion: 98 Resp: 107062

Ion Ratio Lower Upper

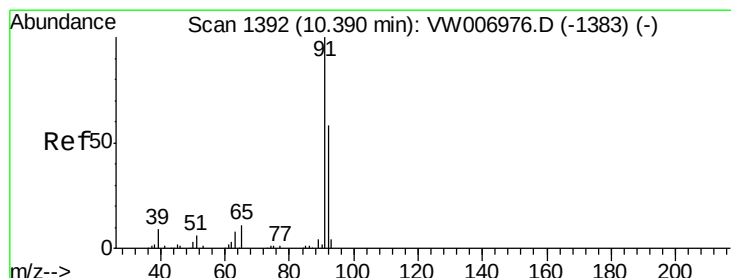
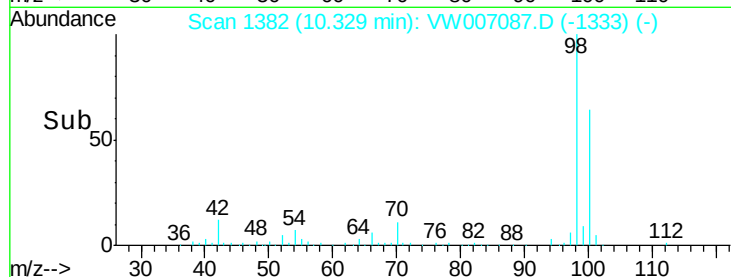
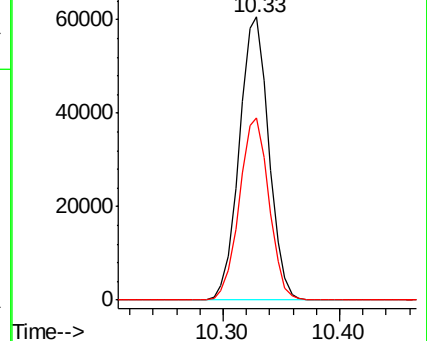
98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.42 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007087.D

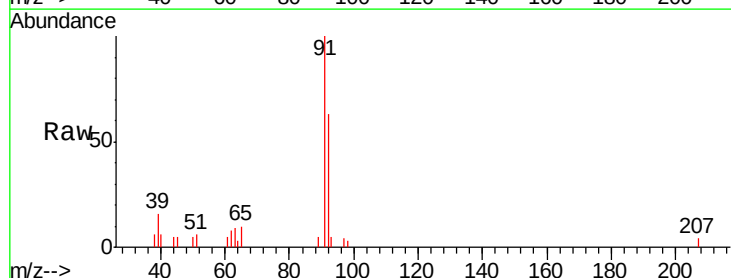
Acq: 27 Nov 2018 15:04

Tgt Ion: 92 Resp: 2211

Ion Ratio Lower Upper

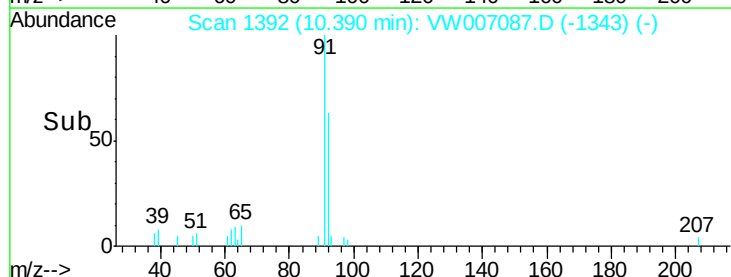
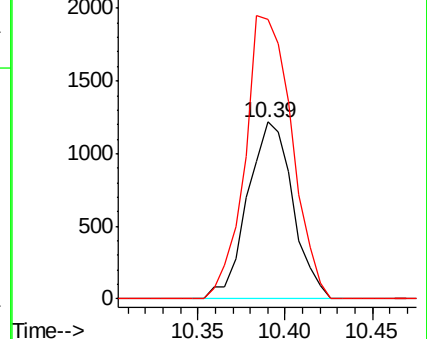
92 100

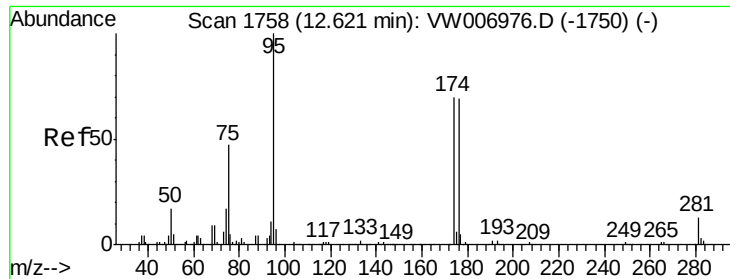
91 164.9 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

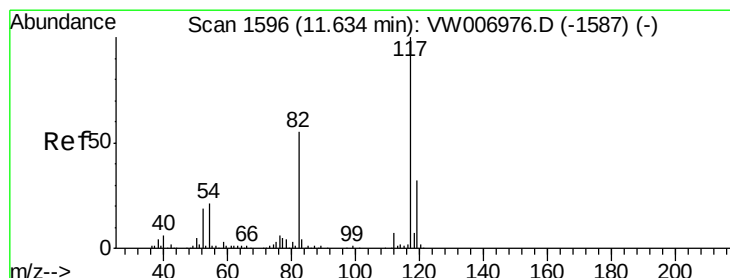
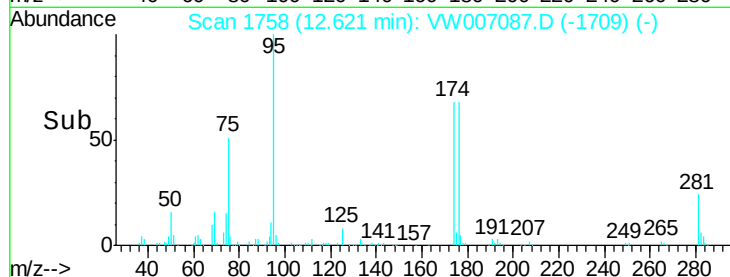
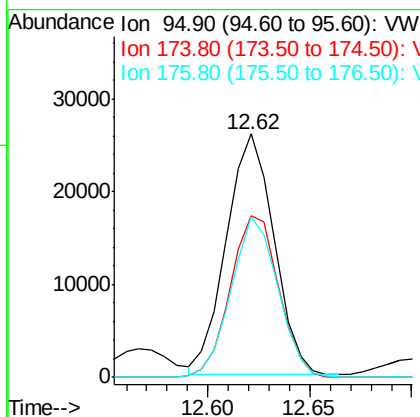
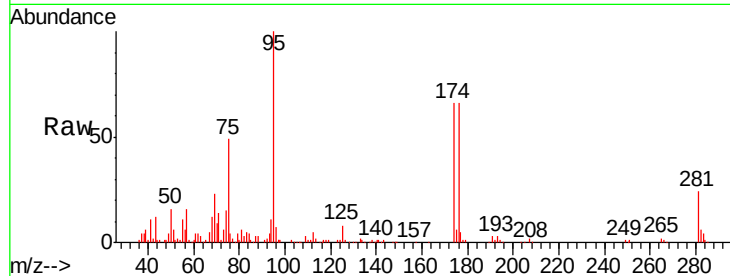




#62
4-Bromofluorobenzene
Concen: 49.15 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007087.D
Acq: 27 Nov 2018 15:04

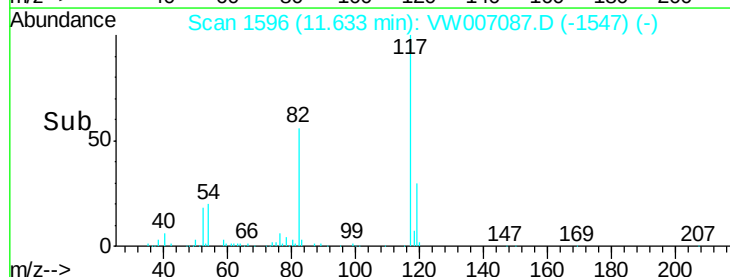
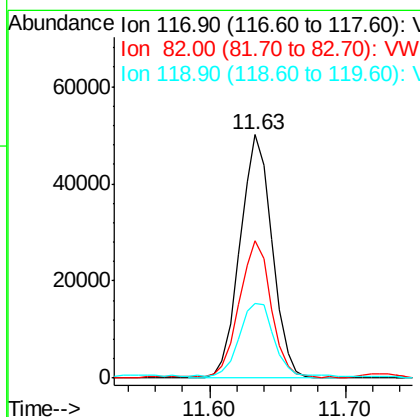
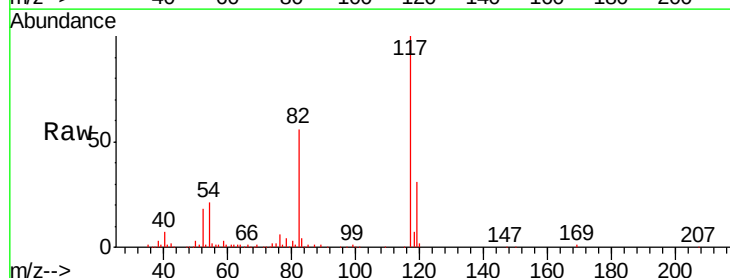
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-ARE

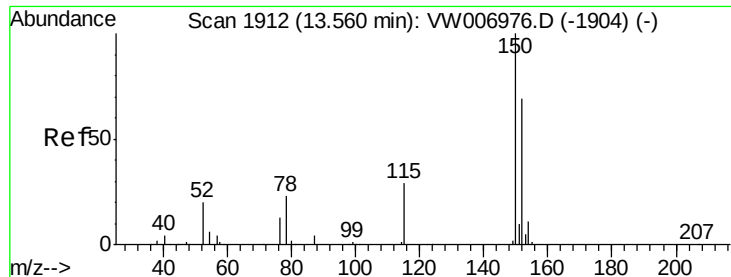
Tgt Ion: 95 Resp: 41980
Ion Ratio Lower Upper
95 100
174 68.4 0.0 143.6
176 65.4 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007087.D
Acq: 27 Nov 2018 15:04

Tgt Ion: 117 Resp: 82373
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 29.9 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: VW007087.D

Acq: 27 Nov 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-ARE

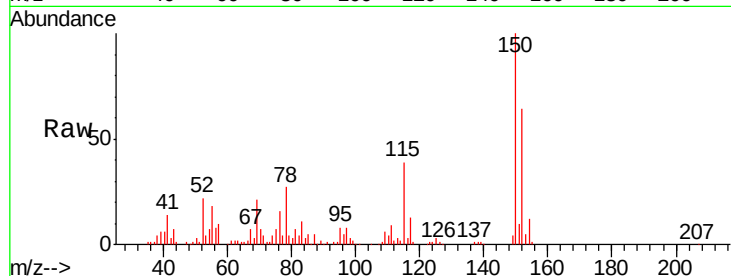
Tgt Ion:152 Resp: 33190

Ion Ratio Lower Upper

152 100

115 56.4 31.4 94.2

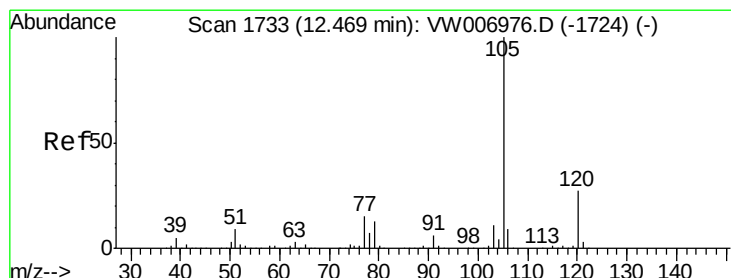
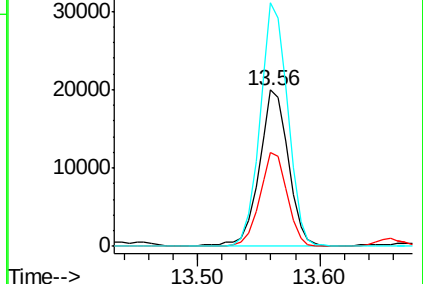
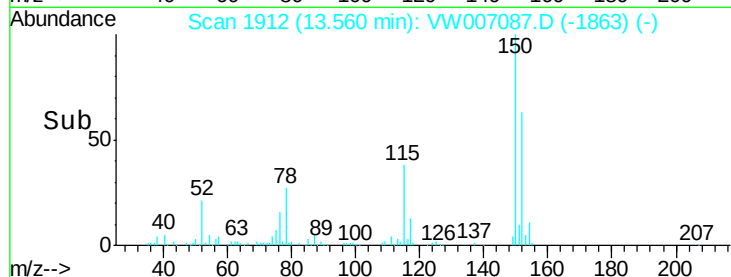
150 147.1 0.0 353.4



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



#73

Isopropylbenzene

Concen: 14.89 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007087.D

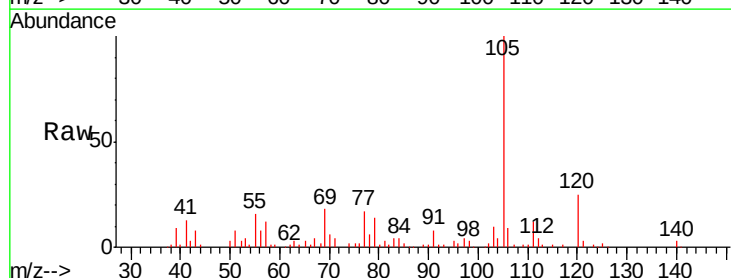
Acq: 27 Nov 2018 15:04

Tgt Ion:105 Resp: 38400

Ion Ratio Lower Upper

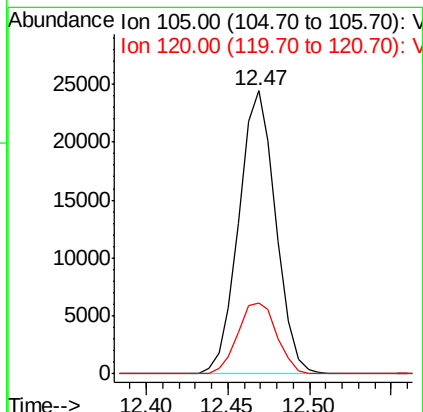
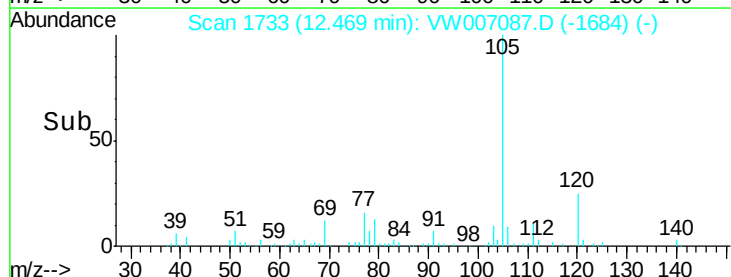
105 100

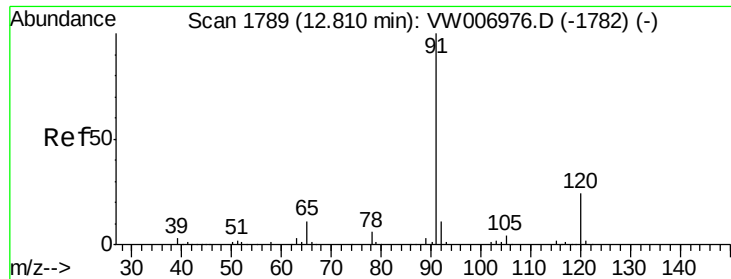
120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

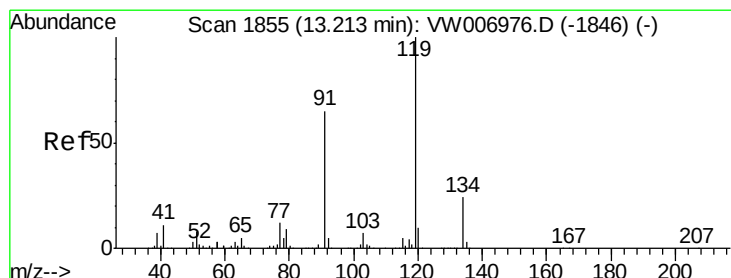
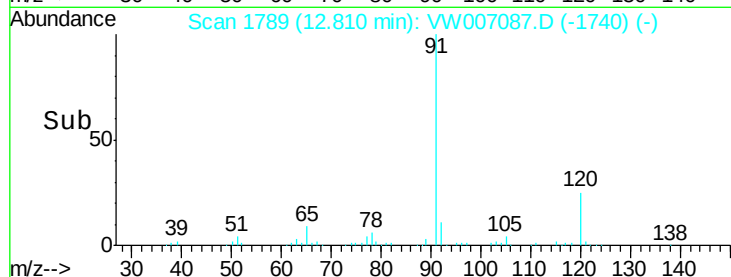
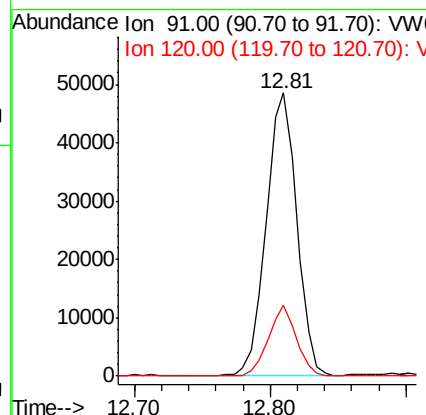
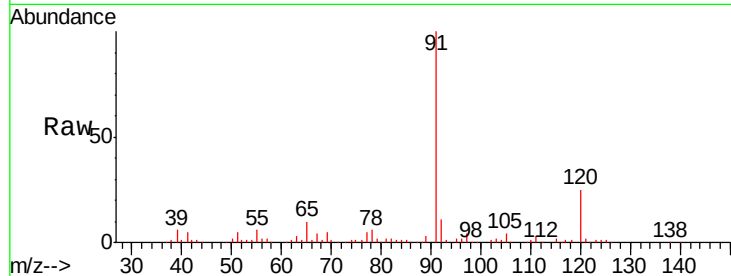




#78
n-propylbenzene
Concen: 24.36 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007087.D
Acq: 27 Nov 2018 15:04

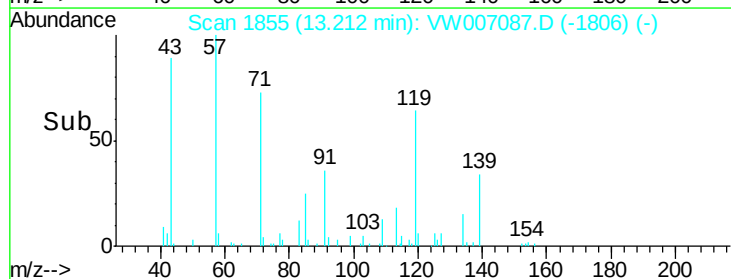
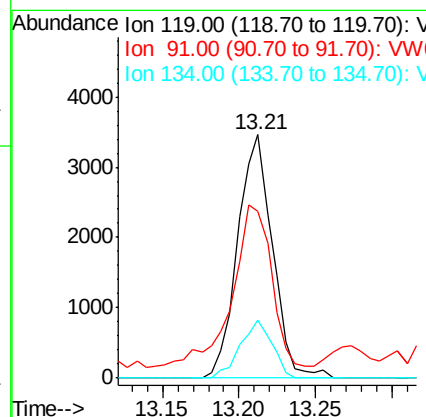
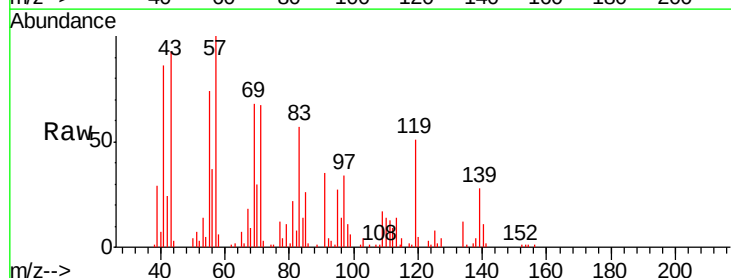
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-ARE

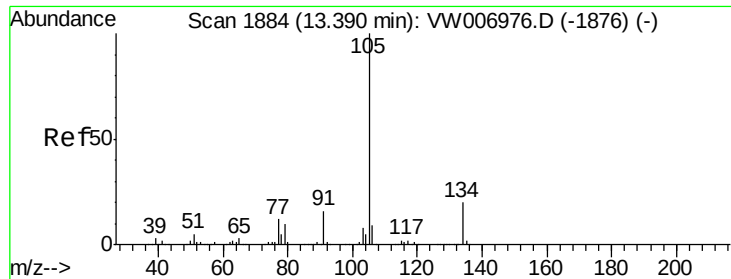
Tgt Ion: 91 Resp: 76106
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.1



#83
tert-Butylbenzene
Concen: 2.83 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007087.D
Acq: 27 Nov 2018 15:04

Tgt Ion: 119 Resp: 5465
Ion Ratio Lower Upper
119 100
91 74.0 33.5 100.5
134 21.6 12.6 37.8

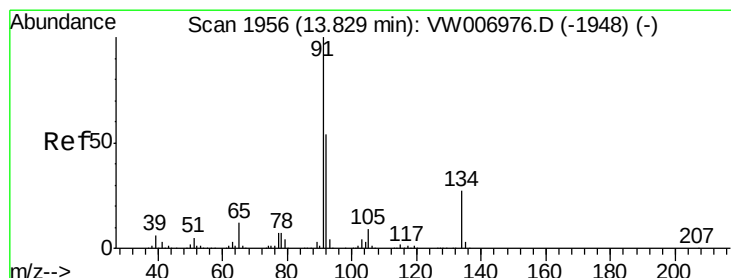
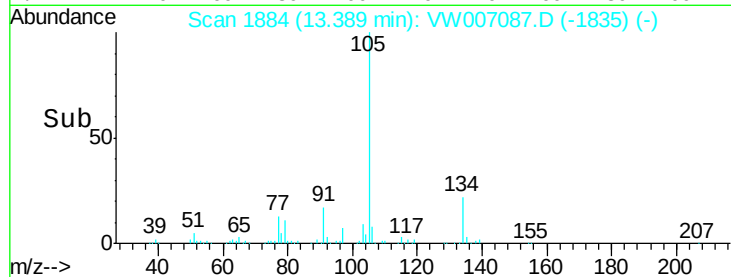
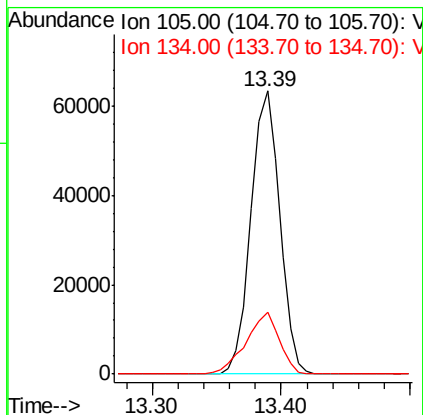
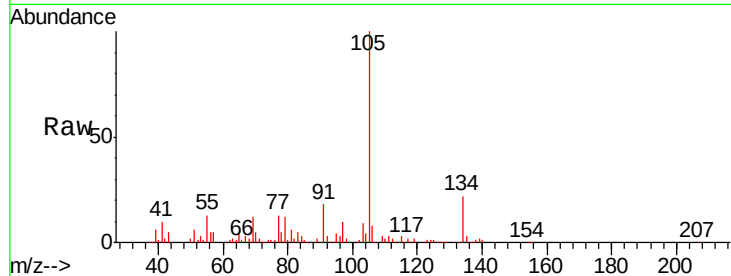




#85
 sec-Butylbenzene
 Concen: 35.79 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007087.D
 Acq: 27 Nov 2018 15:04

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

Tgt Ion:105 Resp: 97645
 Ion Ratio Lower Upper
 105 100
 134 25.3 9.8 29.3



#89
 n-Butylbenzene
 Concen: 23.40 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW007087.D
 Acq: 27 Nov 2018 15:04

Tgt Ion: 91 Resp: 53003
 Ion Ratio Lower Upper
 91 100
 92 45.7 26.8 80.4
 134 46.8 13.3 39.8#

