

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007059.D
 Acq On : 26 Nov 2018 20:14
 Operator : VAY/AP
 Sample : J6003-07
 Misc : 4.76G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 11/27/2018 2:44:26 PM

Quant Time: Nov 27 06:55:53 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	109128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	181003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53485	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	55113	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	7.89	113	48563	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	10.32	98	194102	43.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.00%	
62) 4-Bromofluorobenzene	12.62	95	62986	35.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	4698	30.29	ug/l	99
39) Methylcyclohexane	9.34	83	3392	1.53	ug/l	96
52) Toluene	10.39	92	3252	1.00	ug/l	98
73) Isopropylbenzene	12.47	105	38340	9.22	ug/l	90
78) n-propylbenzene	12.80	91	21627	4.30	ug/l	93
83) tert-Butylbenzene	13.21	119	22938	7.37	ug/l	74
85) sec-Butylbenzene	13.39	105	162748	37.02	ug/l	86
89) n-Butylbenzene	13.83	91	19370m	5.31	ug/l	

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

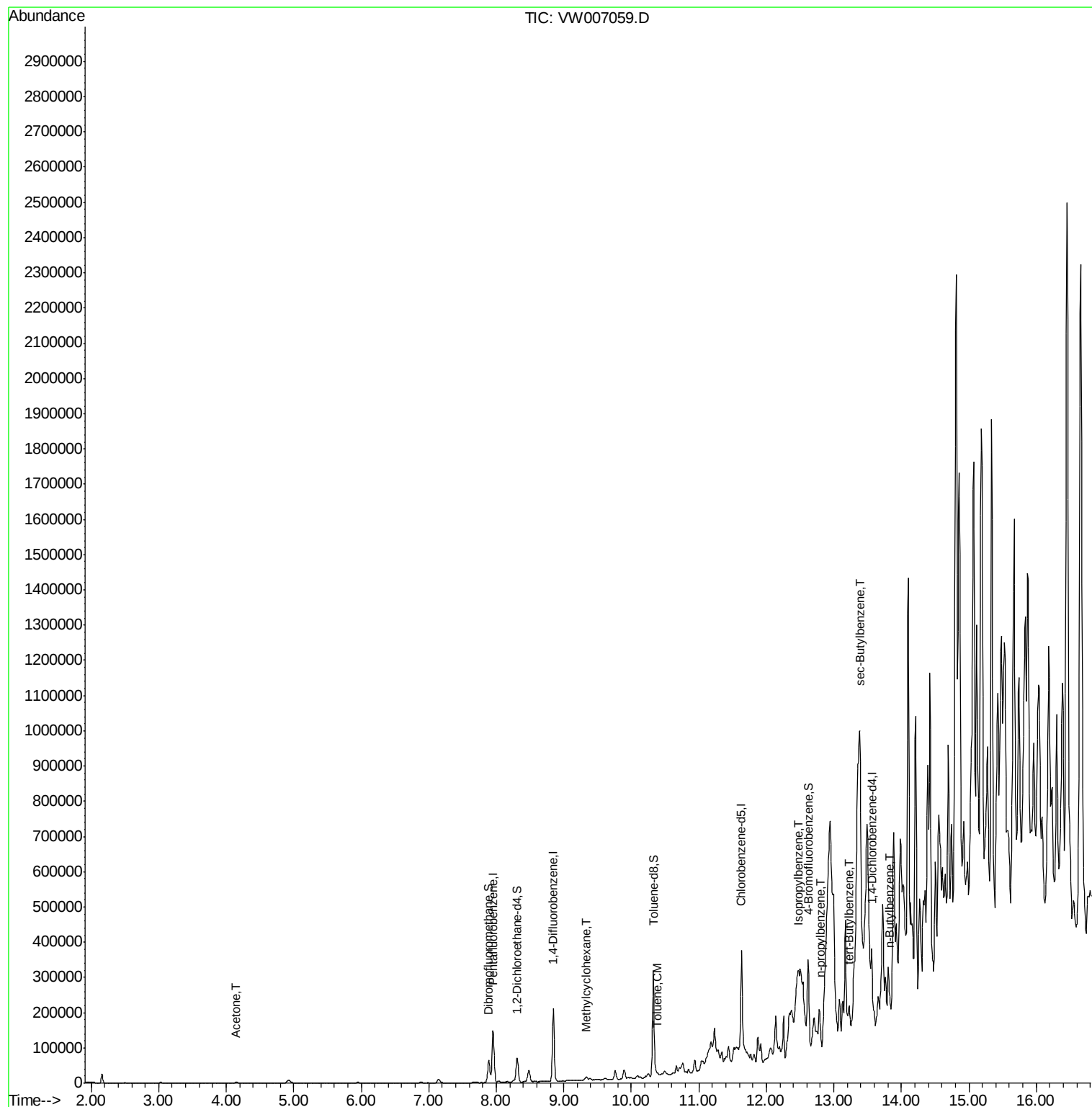
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

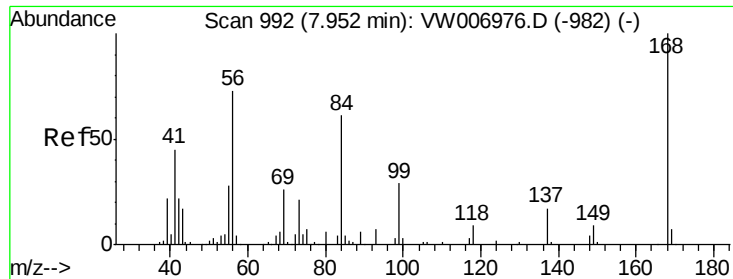
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-C

Manual Integrations
APPROVED

apatel
11/27/2018 2:44:26 PM

Quant Time: Nov 27 06:55:53 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: VW007059.D

Acq: 26 Nov 2018 20:14

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-C

Tgt Ion:168 Resp: 109128

Ion Ratio Lower Upper

168 100

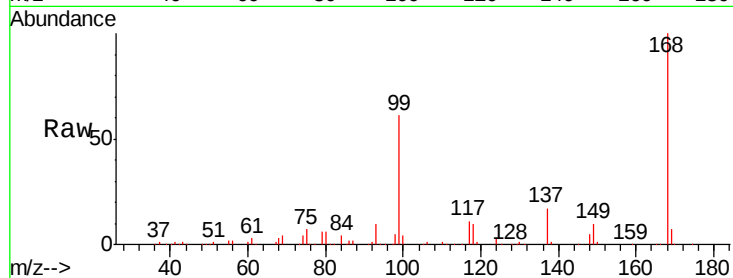
99 61.5 48.2 72.4

Manual Integrations

APPROVED

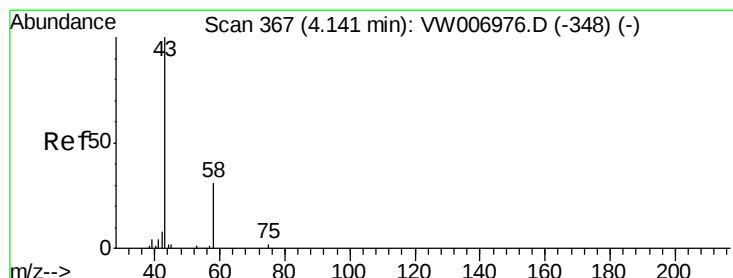
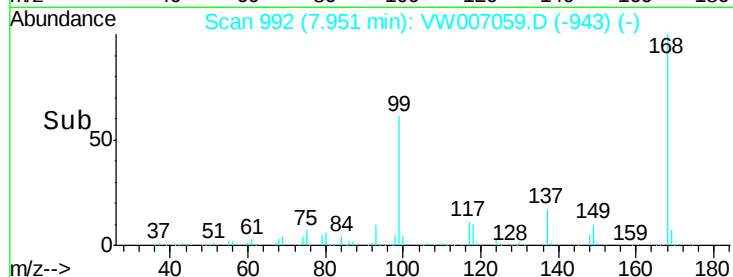
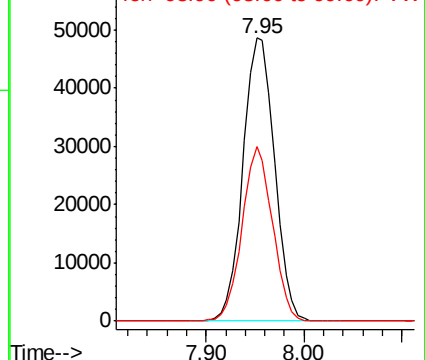
apatel

11/27/2018 2:44:26 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 30.29 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007059.D

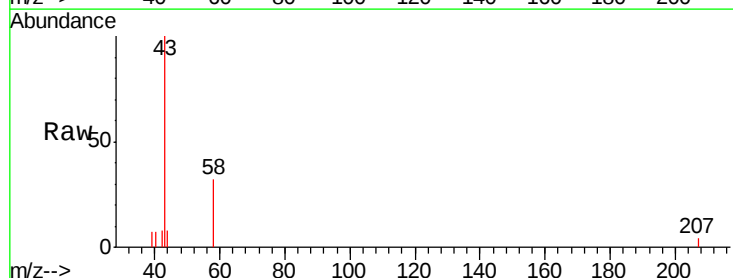
Acq: 26 Nov 2018 20:14

Tgt Ion: 43 Resp: 4698

Ion Ratio Lower Upper

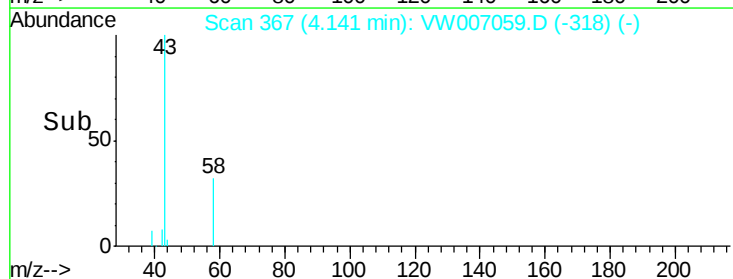
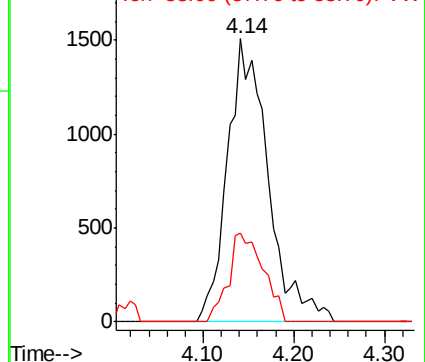
43 100

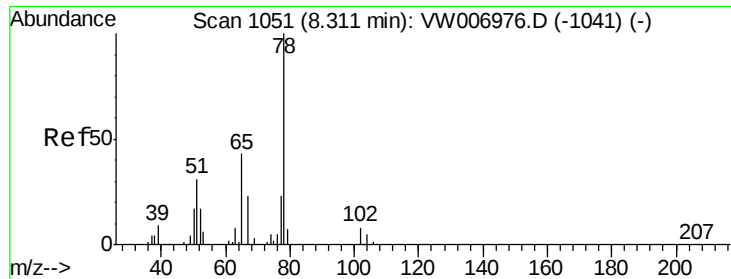
58 31.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





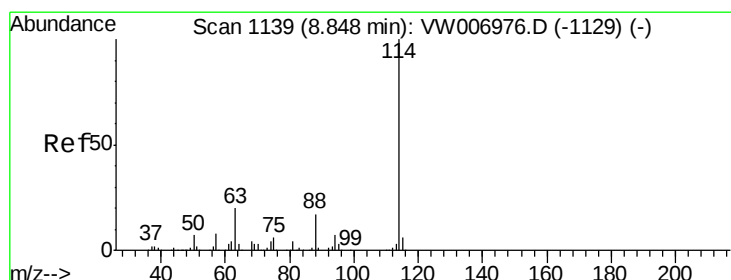
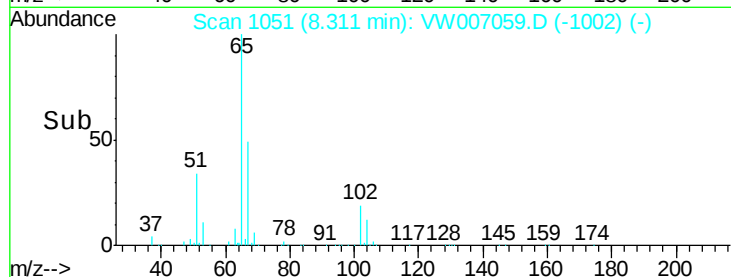
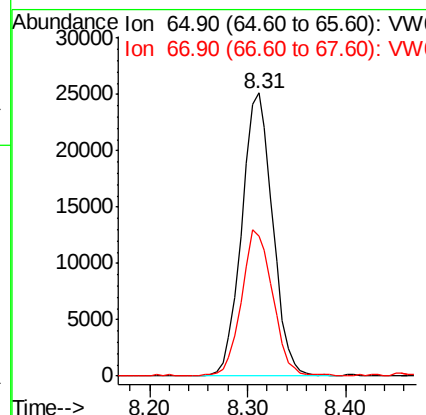
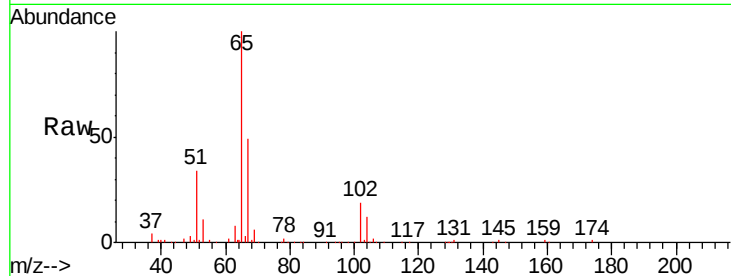
#33
 1,2-Dichloroethane-d4
 Concen: 51.59 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007059.D
 Acq: 26 Nov 2018 20:14

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

Tgt Ion: 65 Resp: 55113
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2

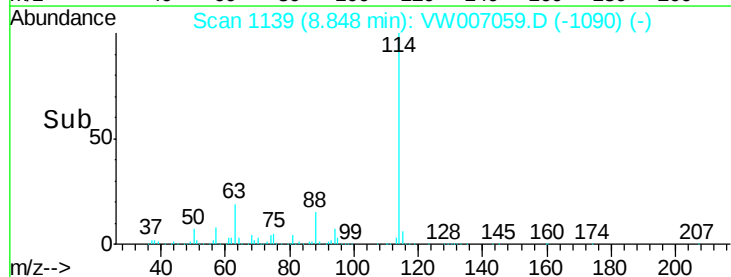
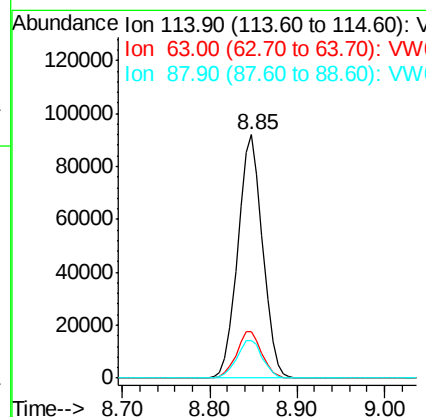
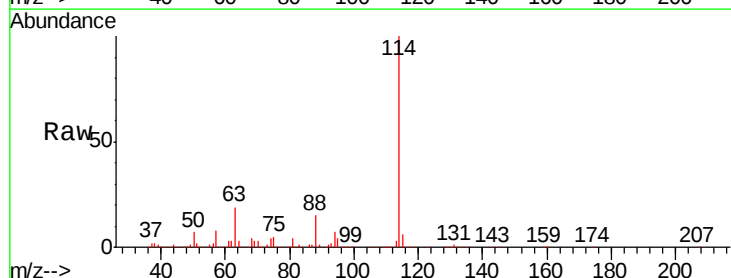
Manual Integrations
 APPROVED

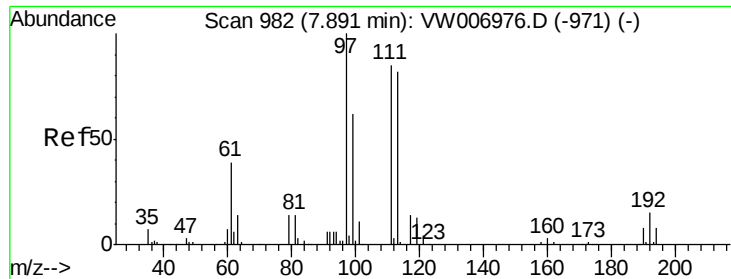
apatel
 11/27/2018 2:44:26 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007059.D
 Acq: 26 Nov 2018 20:14

Tgt Ion: 114 Resp: 181003
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.4
 88 15.2 0.0 34.2





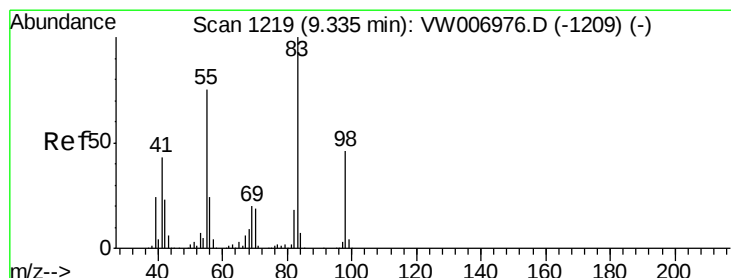
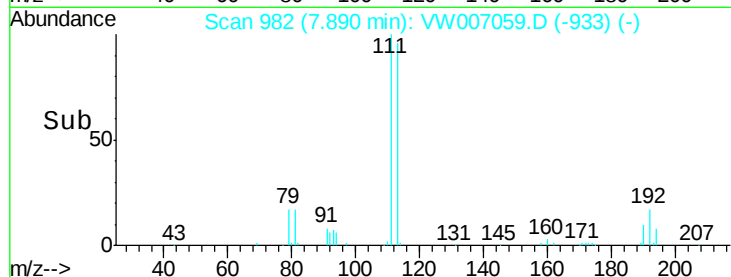
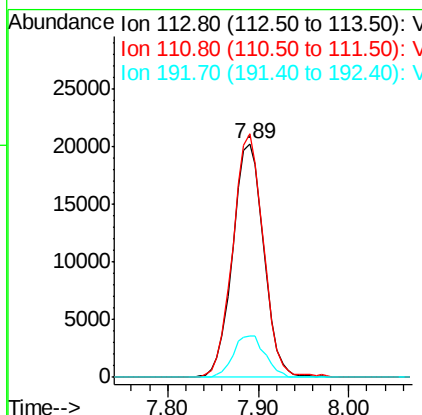
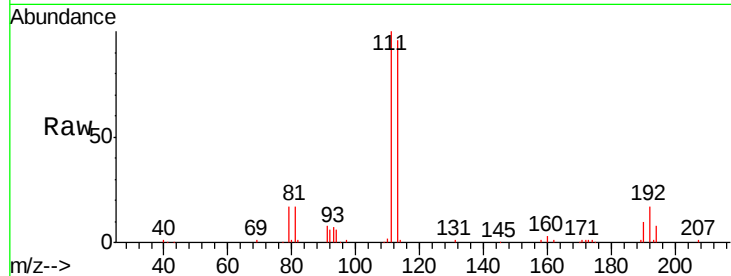
#35
Dibromofluoromethane
Concen: 47.51 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007059.D
Acq: 26 Nov 2018 20:14

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

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.6
192	18.3	15.0	22.6

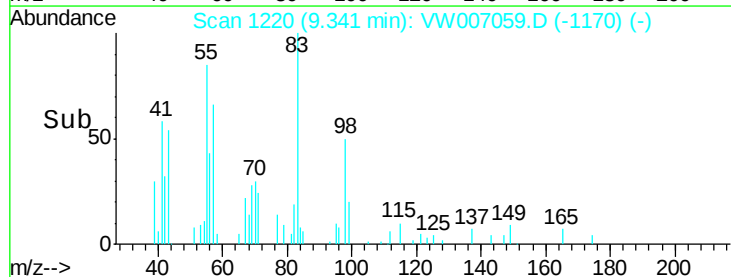
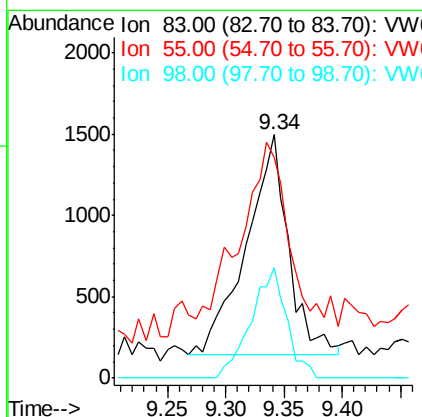
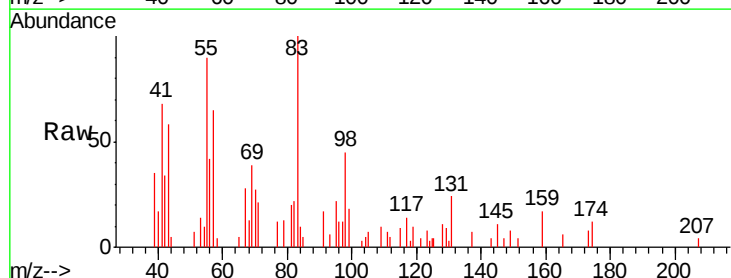
Manual Integrations
APPROVED

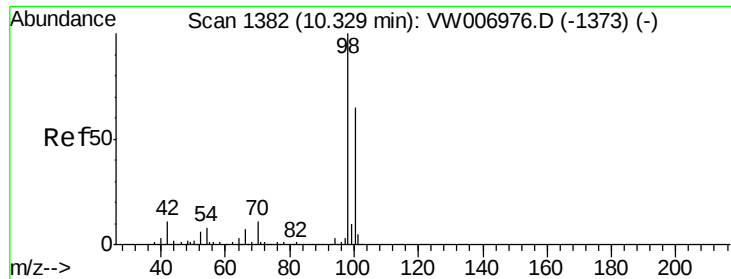
apatel
11/27/2018 2:44:26 PM



#39
Methylcyclohexane
Concen: 1.53 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007059.D
Acq: 26 Nov 2018 20:14

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.5	59.6	89.4
98	50.1	37.1	55.7





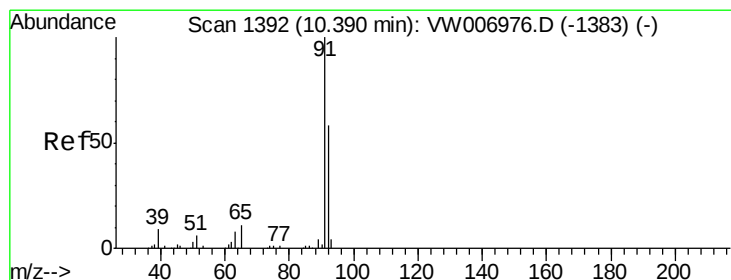
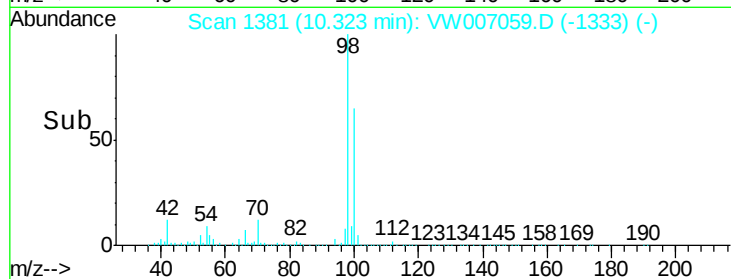
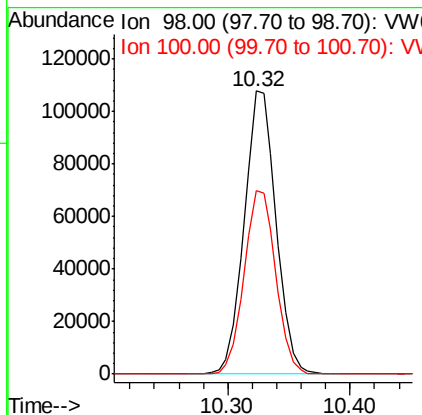
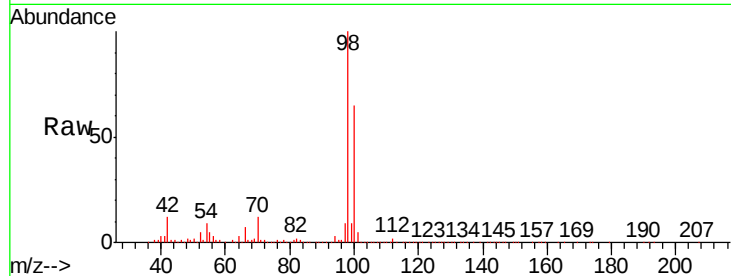
#50
Toluene-d8
Concen: 43.00 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007059.D
Acq: 26 Nov 2018 20:14

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

Tgt Ion: 98 Resp: 194102
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

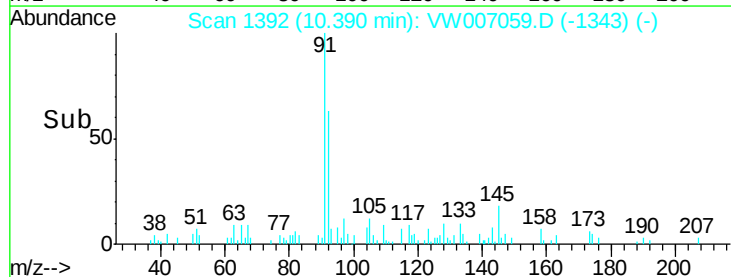
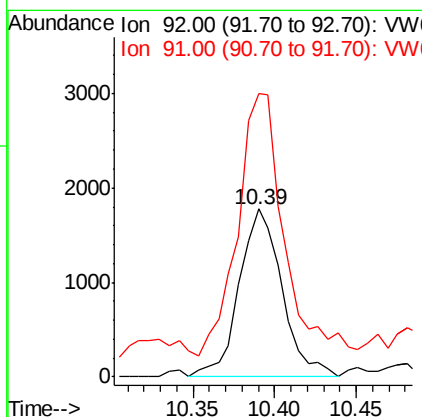
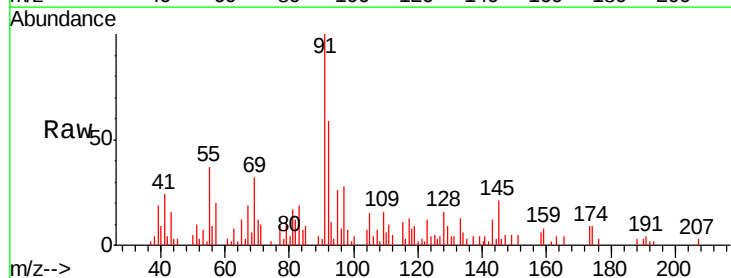
Manual Integrations
APPROVED

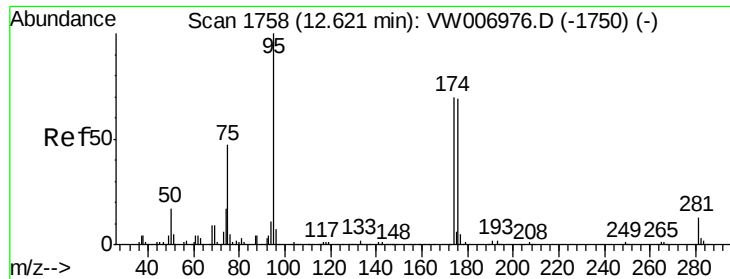
apatel
11/27/2018 2:44:26 PM



#52
Toluene
Concen: 1.00 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007059.D
Acq: 26 Nov 2018 20:14

Tgt Ion: 92 Resp: 3252
Ion Ratio Lower Upper
92 100
91 168.7 137.3 205.9





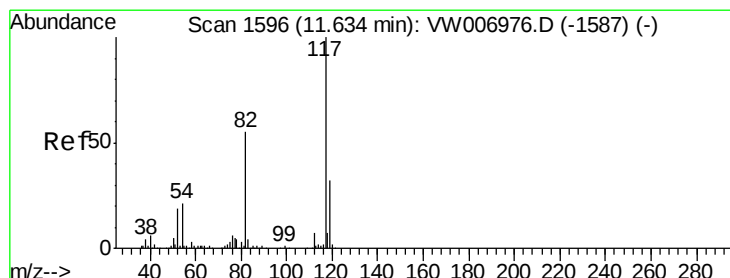
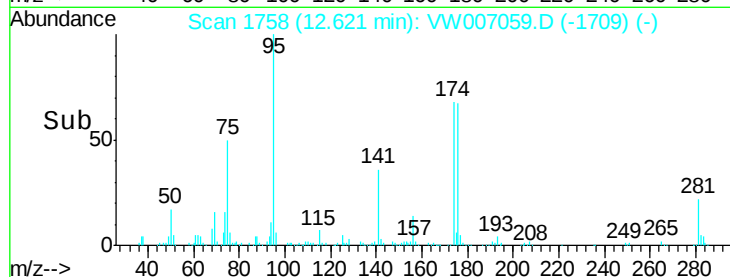
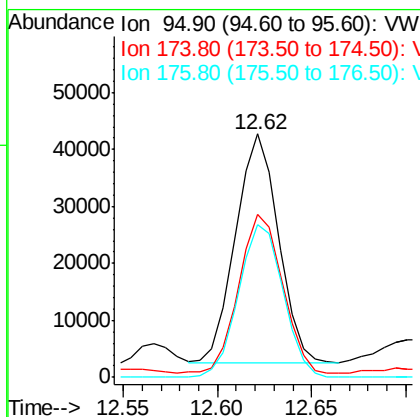
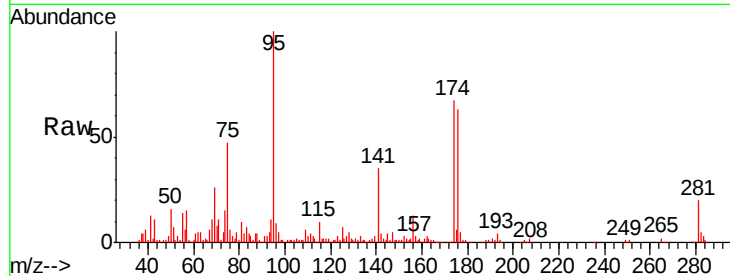
#62
4-Bromofluorobenzene
Concen: 35.46 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007059.D
Acq: 26 Nov 2018 20:14

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

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	62986		
174	71.5	0.0	143.6	
176	70.1	0.0	140.4	

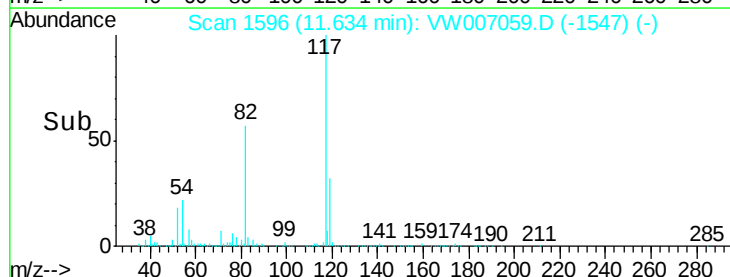
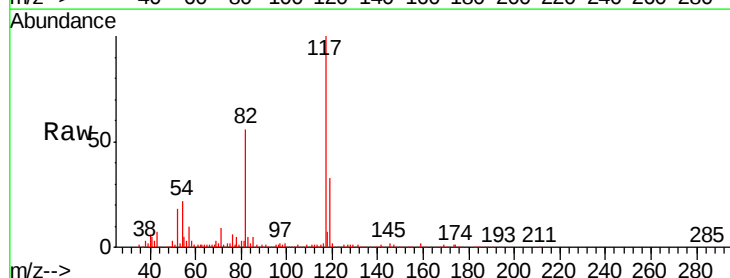
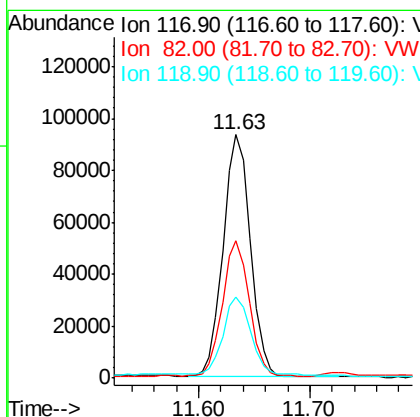
Manual Integrations
APPROVED

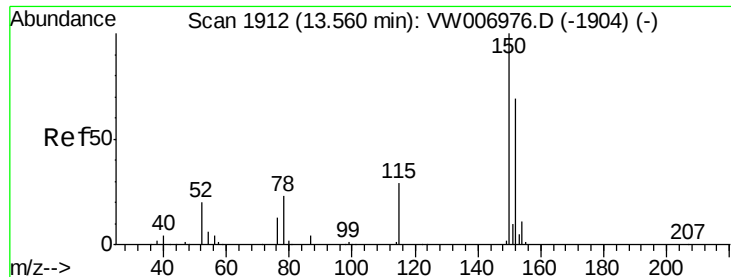
apatel
11/27/2018 2:44:26 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007059.D
Acq: 26 Nov 2018 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	158120		
82	55.6	44.2	66.2	
119	32.1	25.9	38.9	





#72

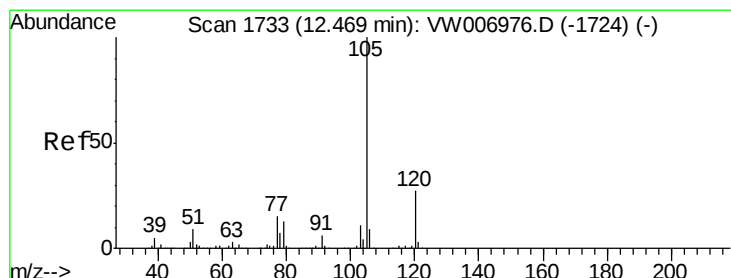
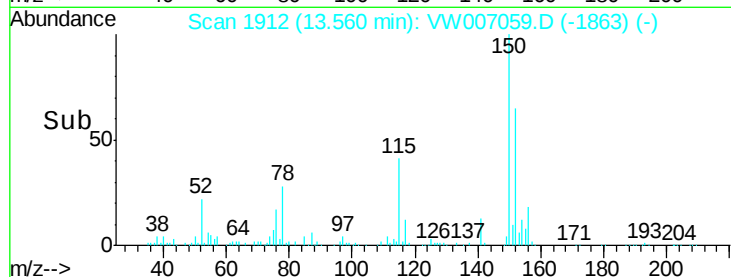
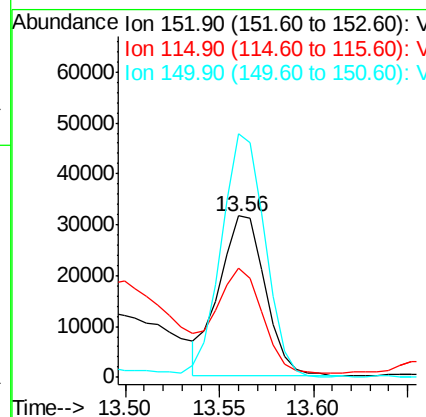
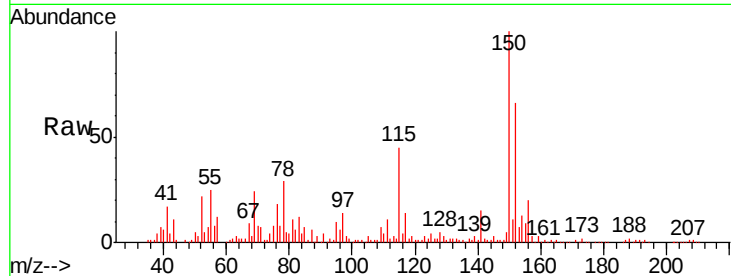
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007059.D
Acq: 26 Nov 2018 20:14

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

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.8	31.4	94.2
150	143.2	0.0	353.4

Manual Integrations
APPROVED

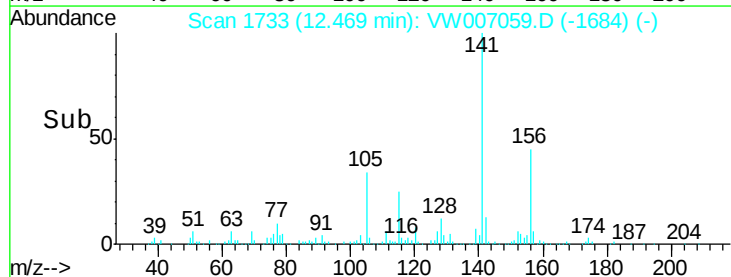
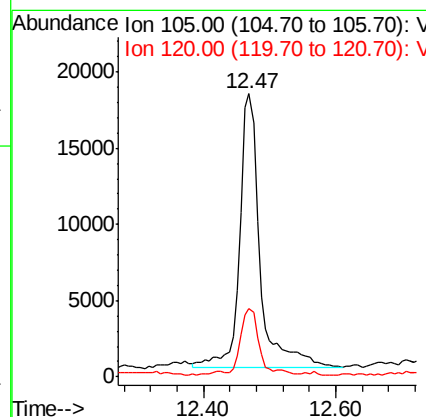
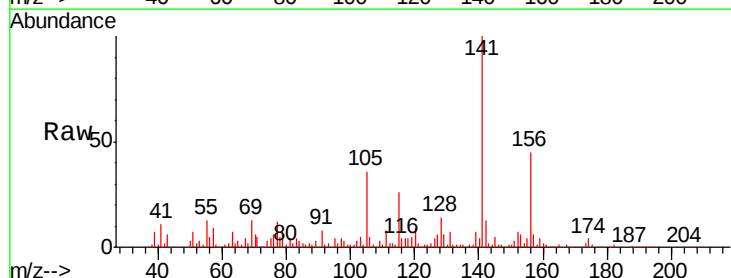
apatel
11/27/2018 2:44:26 PM

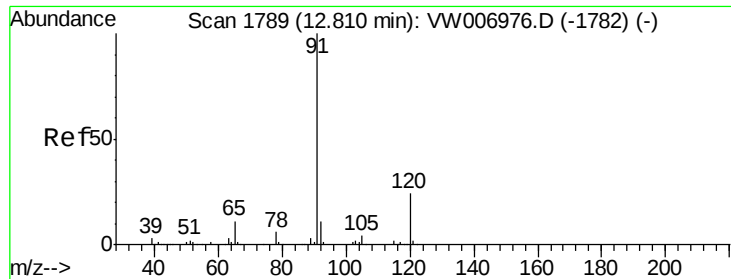


#73

Isopropylbenzene
Concen: 9.22 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007059.D
Acq: 26 Nov 2018 20:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	21.6	13.3	39.8





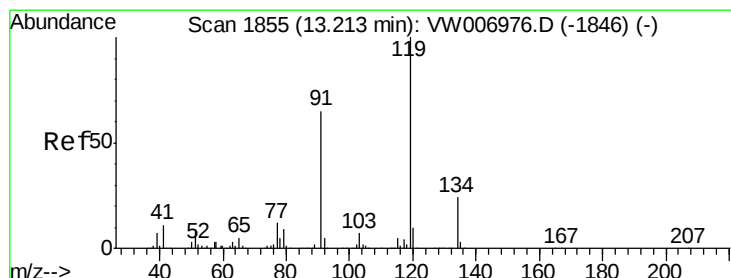
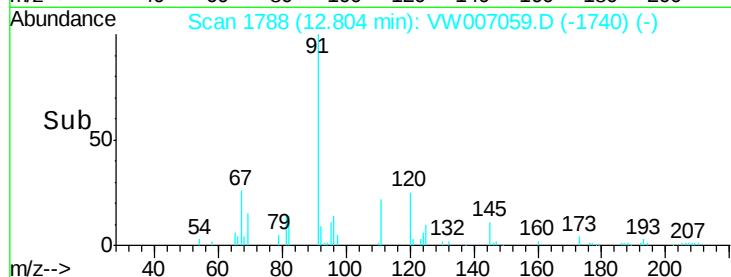
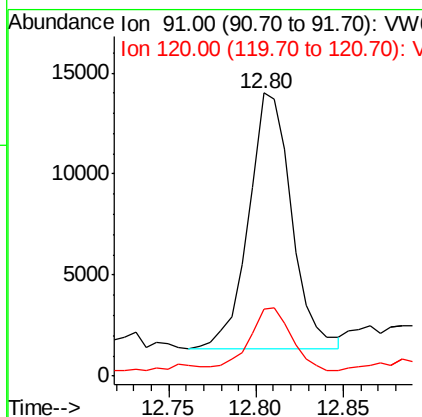
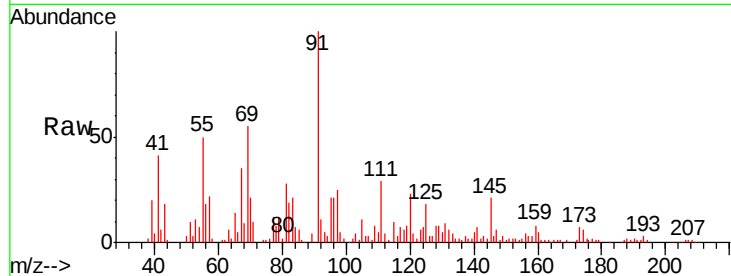
#78
n-propylbenzene
Concen: 4.30 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW007059.D
Acq: 26 Nov 2018 20:14

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

Tgt Ion: 91 Resp: 21627
Ion Ratio Lower Upper
91 100
120 26.8 11.7 35.1

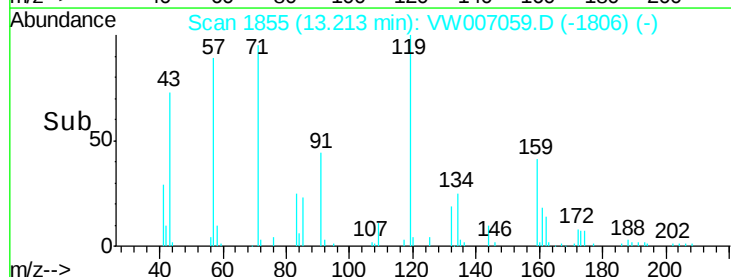
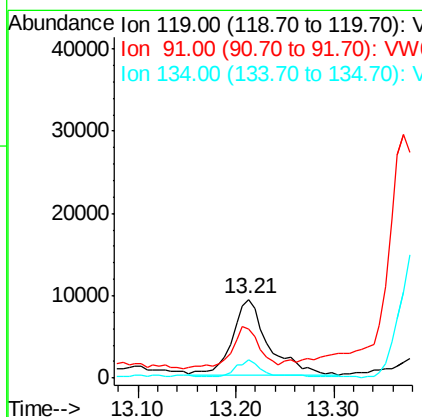
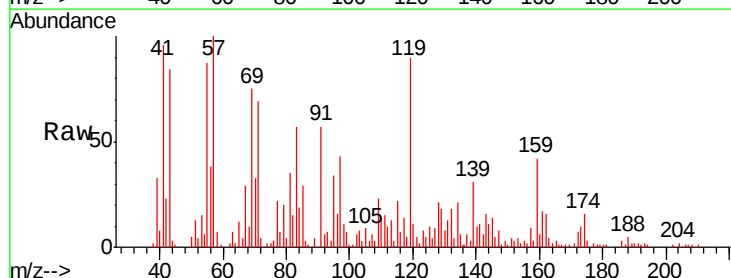
Manual Integrations
APPROVED

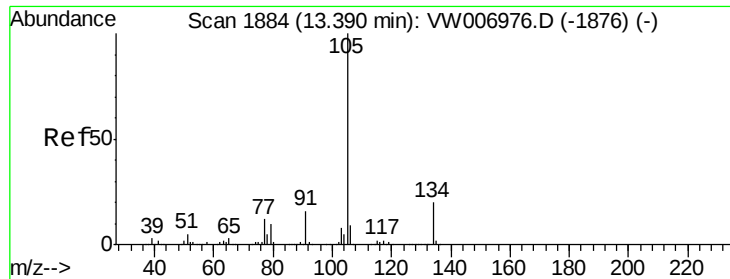
apatel
11/27/2018 2:44:26 PM



#83
tert-Butylbenzene
Concen: 7.37 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007059.D
Acq: 26 Nov 2018 20:14

Tgt Ion: 119 Resp: 22938
Ion Ratio Lower Upper
119 100
91 43.2 33.5 100.5
134 16.7 12.6 37.8





#85

sec-Butylbenzene

Concen: 37.02 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007059.D

Acq: 26 Nov 2018 20:14

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-C

Tgt Ion: 105 Resp: 162748

Ion Ratio Lower Upper

105 100

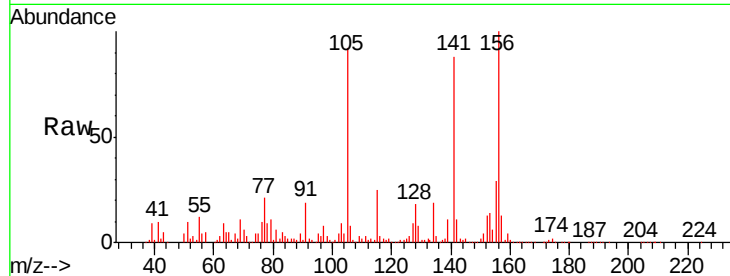
134 25.7 9.8 29.3

Manual Integrations

APPROVED

apatel

11/27/2018 2:44:26 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

40000

20000

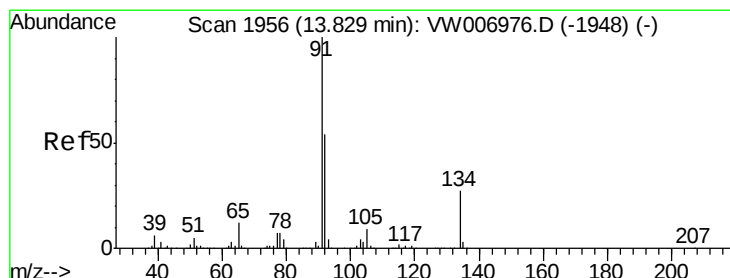
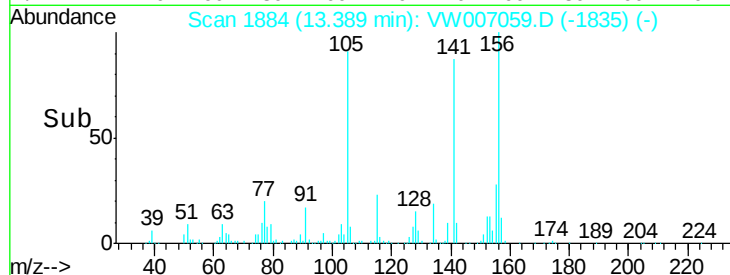
0

13.39

13.30

13.40

Time-->



#89

n-Butylbenzene

Concen: 5.31 ug/l m

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007059.D

Acq: 26 Nov 2018 20:14

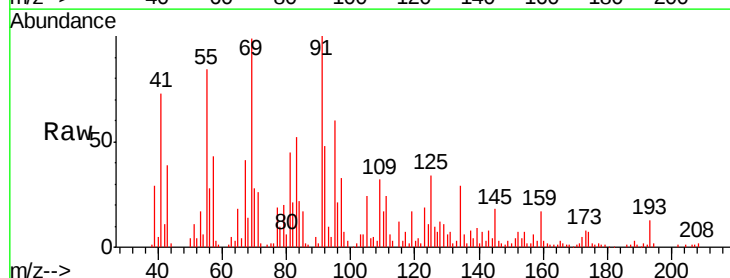
Tgt Ion: 91 Resp: 19370

Ion Ratio Lower Upper

91 100

92 56.4 26.8 80.4

134 124.5 13.3 39.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

20000

15000

10000

5000

0

13.83

13.80

13.82

13.84

13.86

Time-->

