

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006989.D
 Acq On : 20 Nov 2018 21:48
 Operator : SY/AP
 Sample : J5993-03RE
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITERE

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:38 AM

Quant Time: Nov 21 05:59:13 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	2830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	4900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	3139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	1339	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
35) Dibromofluoromethane	7.88	113	1325	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	10.32	98	6374	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.62	95	1660	34.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.04%	
Target Compounds						
16) Acetone	4.13	43	1133	281.66	ug/l	Qvalue 91
31) Cyclohexane	7.95	56	5988	112.22	ug/l #	79
39) Methylcyclohexane	9.34	83	26722	445.95	ug/l	94
40) Benzene	8.33	78	6070	46.96	ug/l #	89
68) m/p-Xylenes	11.84	106	11896	251.93	ug/l	95
69) o-Xylene	12.17	106	7271	163.30	ug/l	98
73) Isopropylbenzene	12.47	105	3832	93.21	ug/l	79
78) n-propylbenzene	12.80	91	4741	95.20	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	7229	203.33	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	13475	380.42	ug/l	89
85) sec-Butylbenzene	13.39	105	2406m	55.33	ug/l	

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

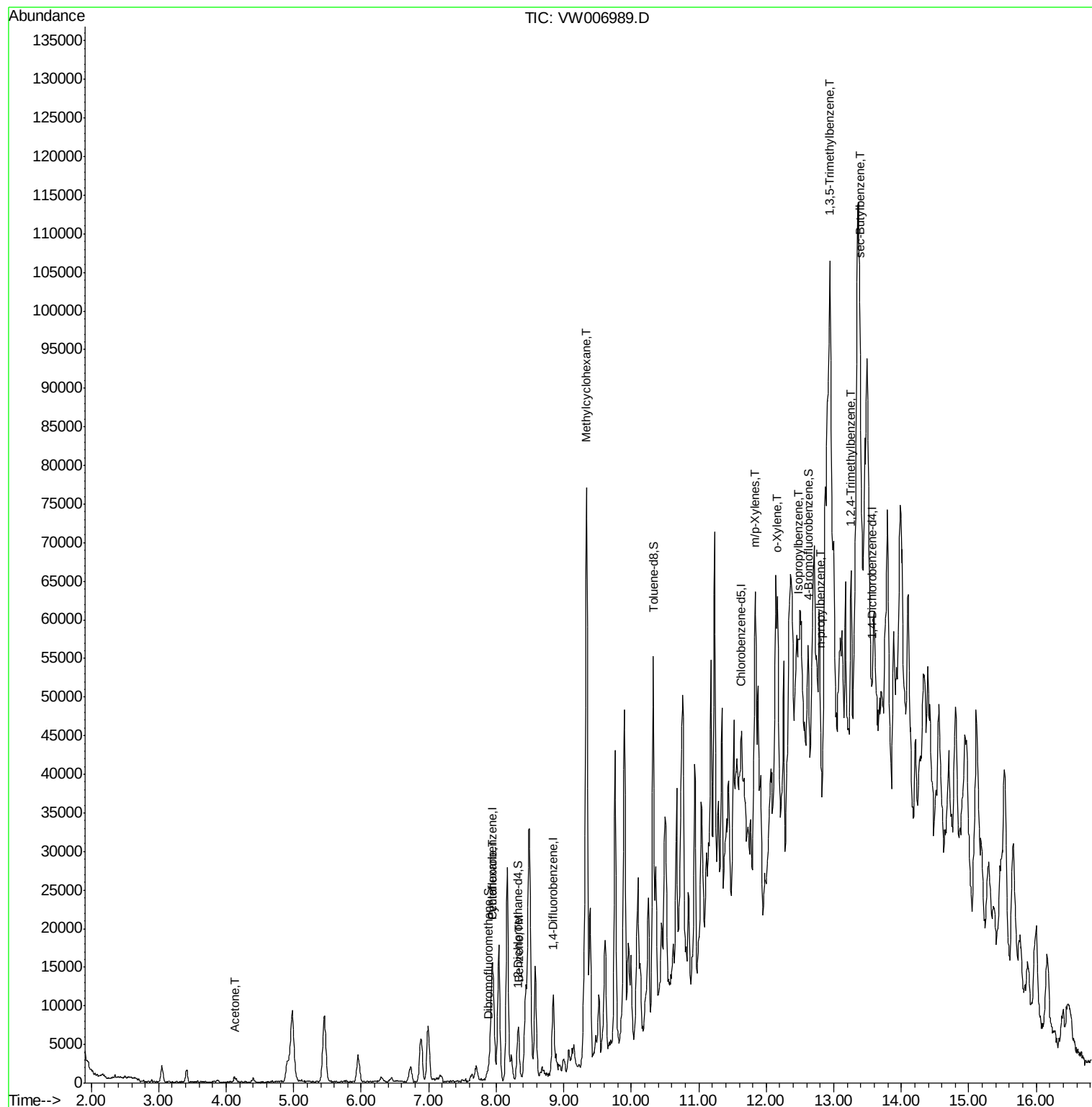
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
Data File : VW006989.D
Acq On : 20 Nov 2018 21:48
Operator : SY/AP
Sample : J5993-03RE
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

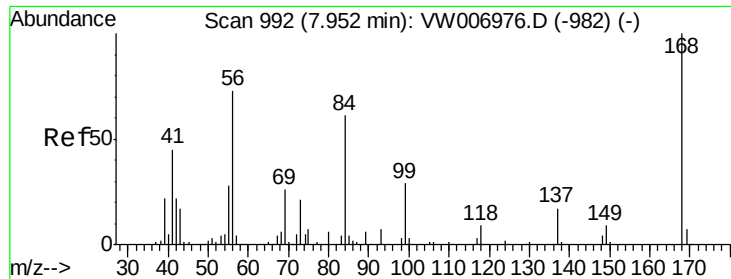
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITERE

Manual Integrations
APPROVED

MMDadoda
11/21/2018 11:32:38 AM

Quant Time: Nov 21 05:59:13 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: VW006989.D

Acq: 20 Nov 2018 21:48

Instrument :

MSVOA_W

ClientSampleId :

20180927-WCC-3-COMPOSITERE

Tgt Ion: 168 Resp: 2830

Ion Ratio Lower Upper

168 100

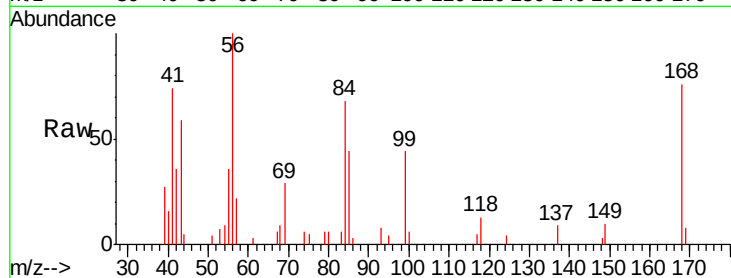
99 57.7 48.2 72.4

Manual Integrations

APPROVED

MMDadoda

11/21/2018 11:32:38 AM



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

1500

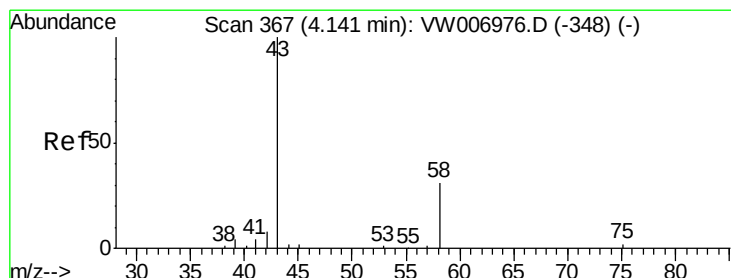
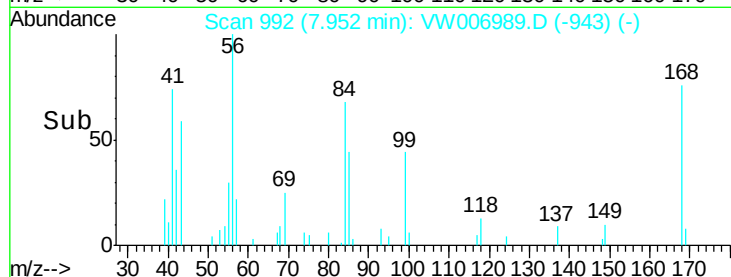
1000

500

0

7.90 7.95 8.00

Time-->



#16

Acetone

Concen: 281.66 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006989.D

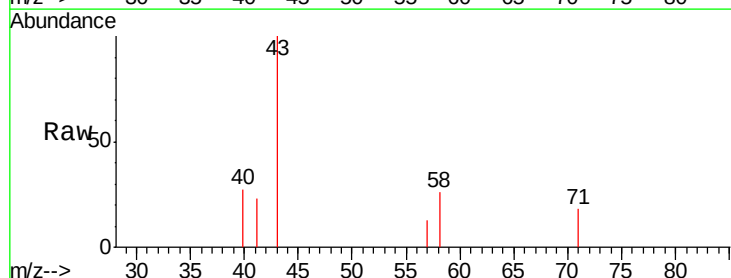
Acq: 20 Nov 2018 21:48

Tgt Ion: 43 Resp: 1133

Ion Ratio Lower Upper

43 100

58 26.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

300

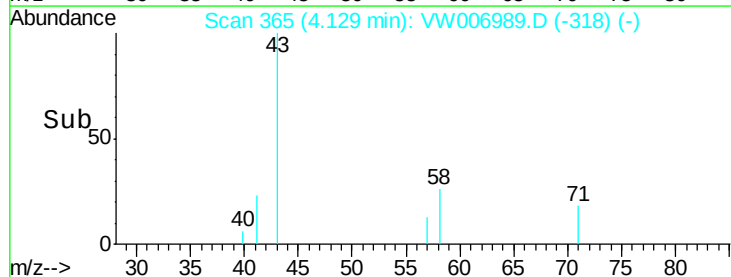
200

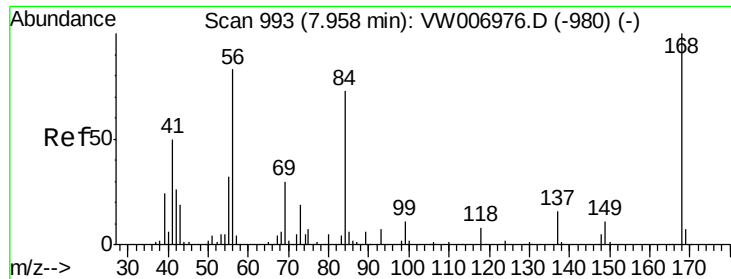
100

0

4.05 4.10 4.15 4.20

Time-->





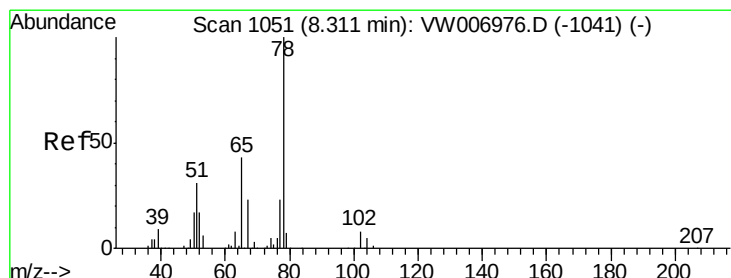
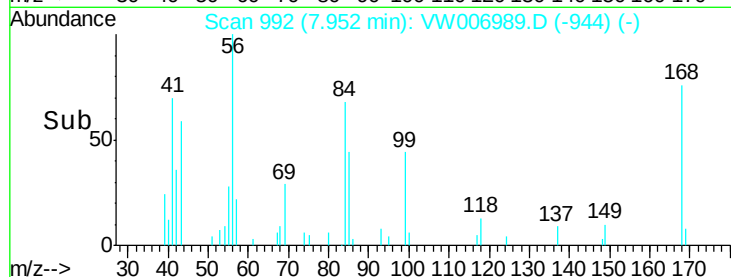
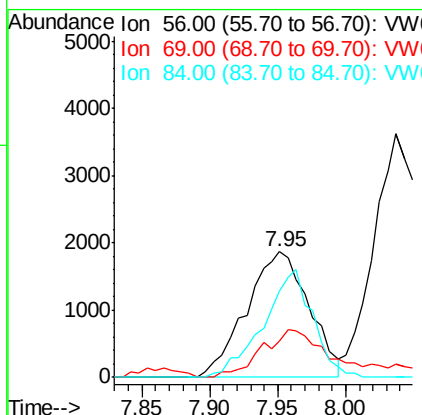
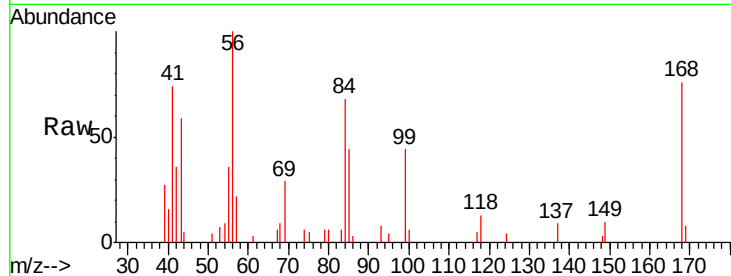
#31
Cyclohexane
Concen: 112.22 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITERE

Tgt Ion	Ratio	Lower	Upper
56	100		
69	25.7	29.1	43.7#
84	68.1	70.6	105.8#

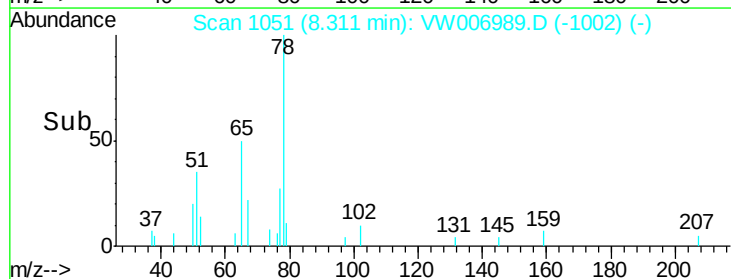
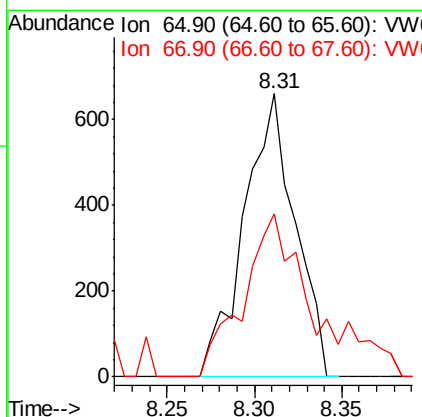
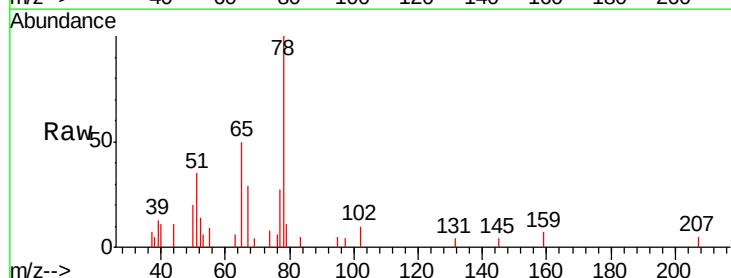
Manual Integrations
APPROVED

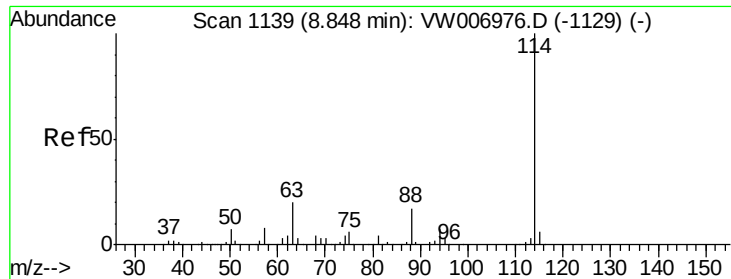
MMDadoda
11/21/2018 11:32:38 AM



#33
1,2-Dichloroethane-d4
Concen: 48.33 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Tgt Ion	Ratio	Lower	Upper
65	100		
67	79.4	0.0	106.2





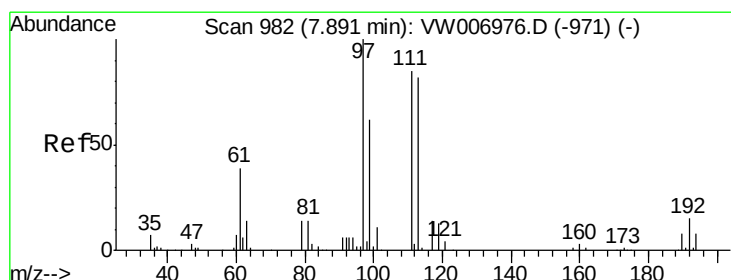
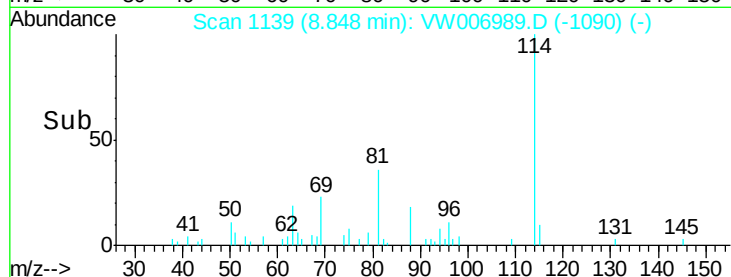
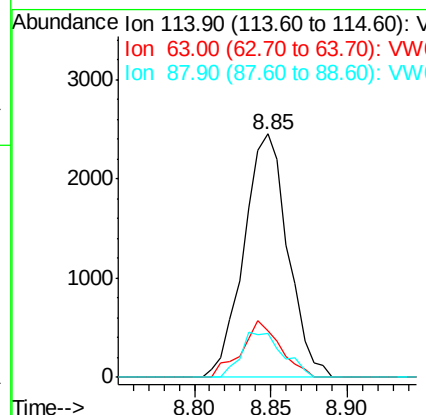
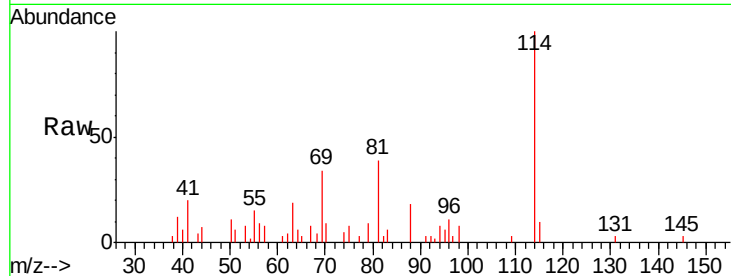
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITERE

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	4900		
63	19.3	0.0	39.4	
88	18.1	0.0	34.2	

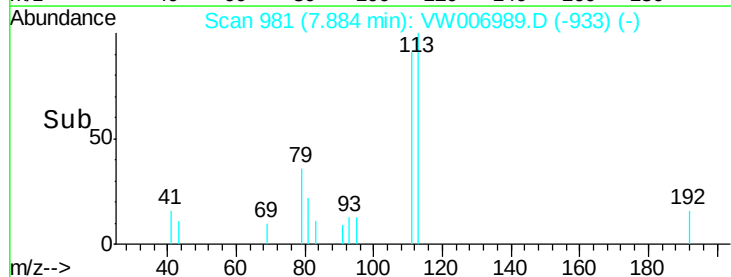
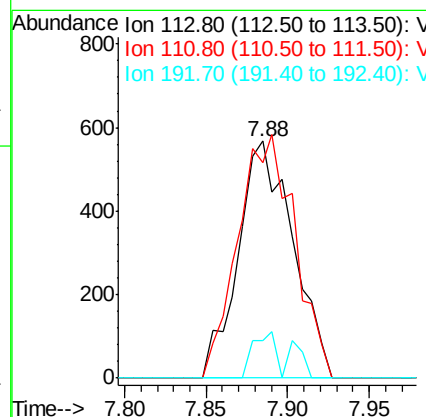
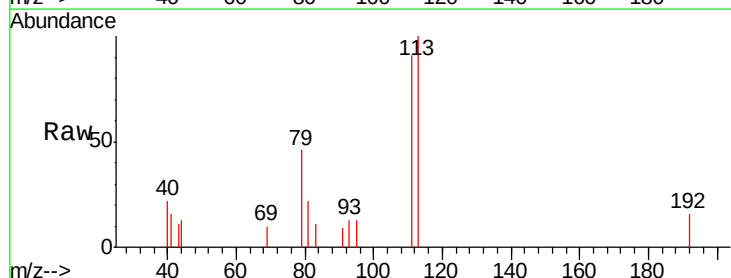
Manual Integrations
APPROVED

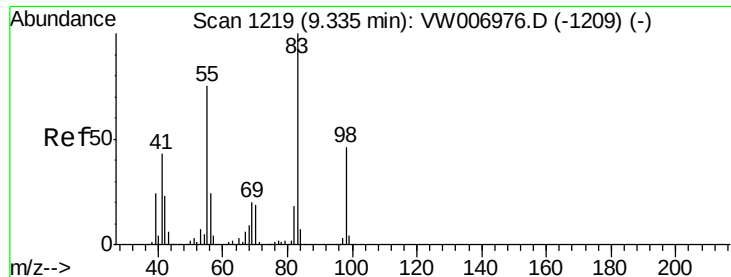
MMDadoda
11/21/2018 11:32:38 AM



#35
Dibromofluoromethane
Concen: 47.88 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	1325		
111	106.3	81.0	121.6	
192	8.0	15.0	22.6	





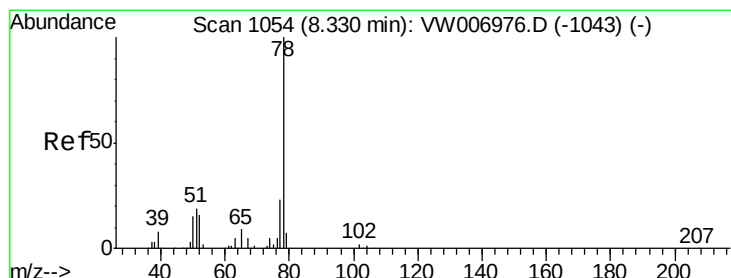
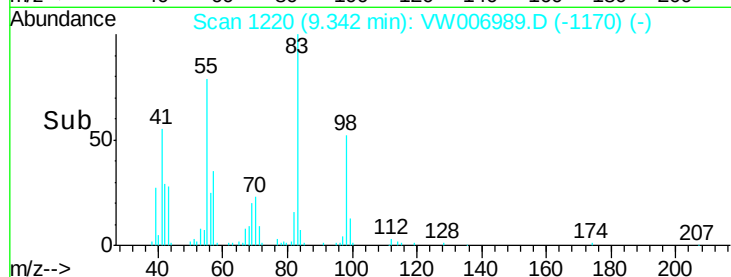
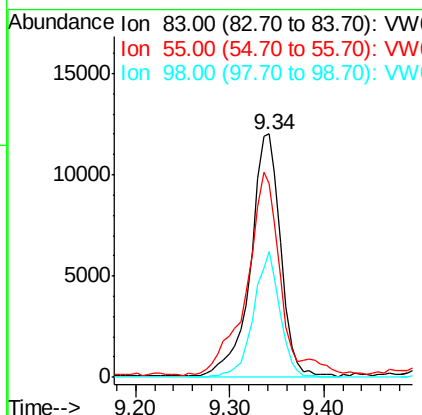
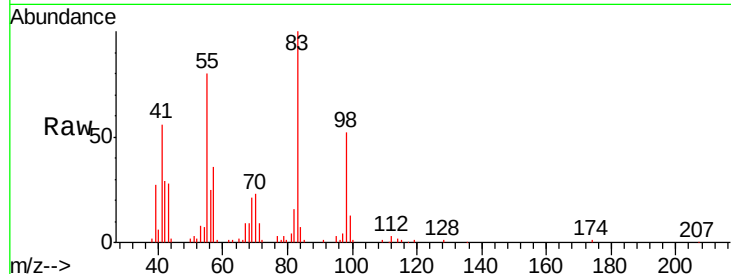
#39
Methylcyclohexane
Concen: 445.95 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITERE

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.4	59.6	89.4
98	52.2	37.1	55.7

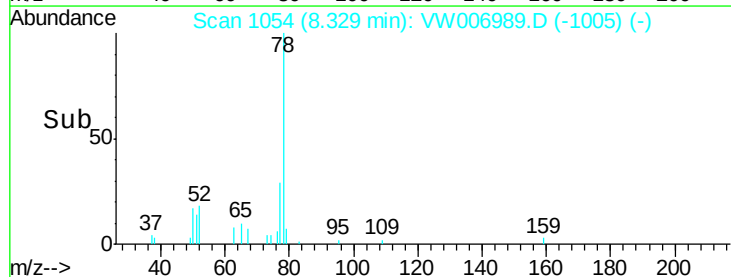
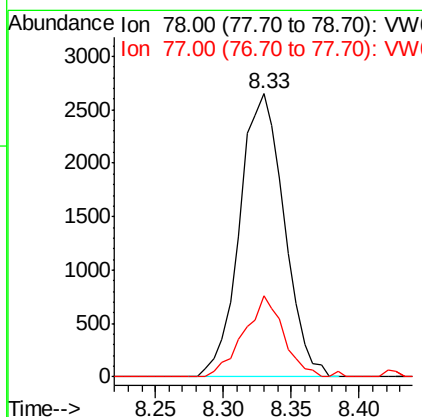
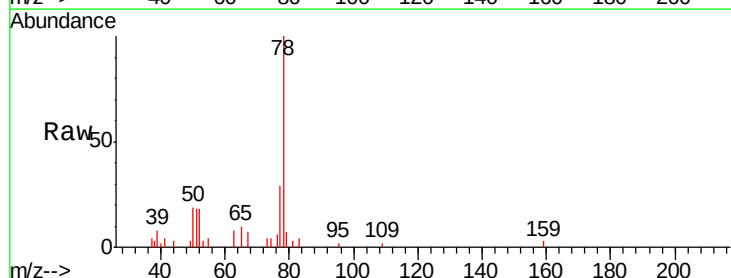
Manual Integrations
APPROVED

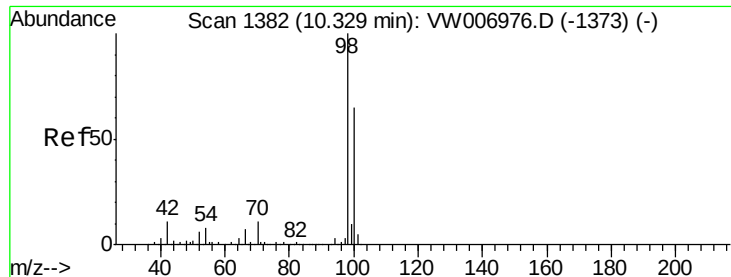
MMDadoda
11/21/2018 11:32:38 AM



#40
Benzene
Concen: 46.96 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.7	18.6	28.0#





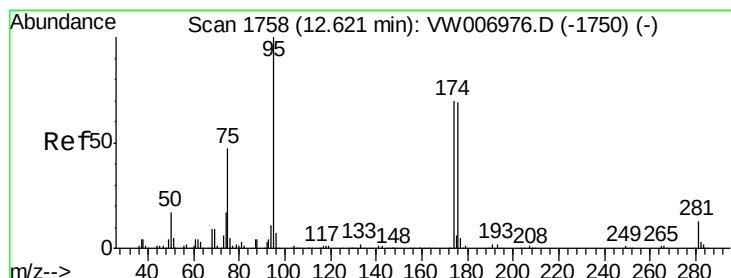
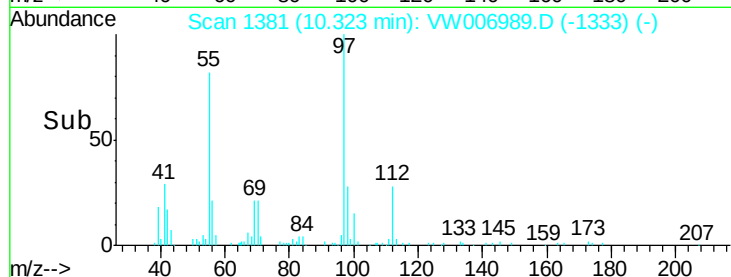
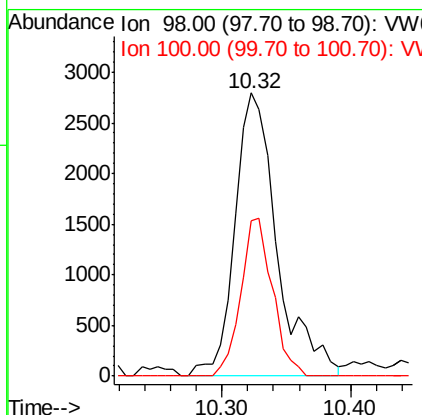
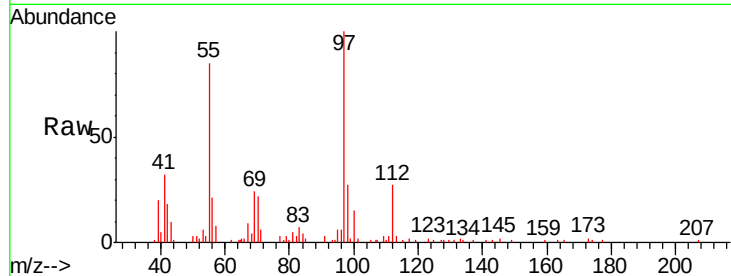
#50
Toluene-d8
Concen: 52.16 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITERE

Tgt Ion: 98 Resp: 6374
Ion Ratio Lower Upper
98 100
100 41.4 52.2 78.2#

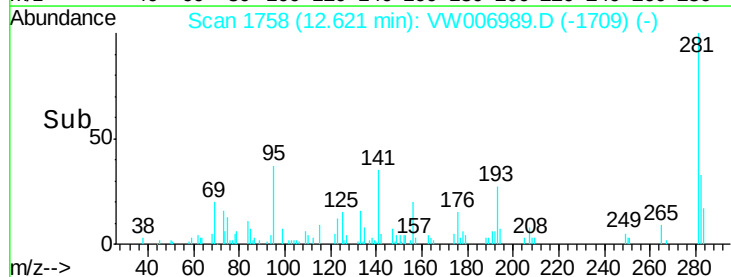
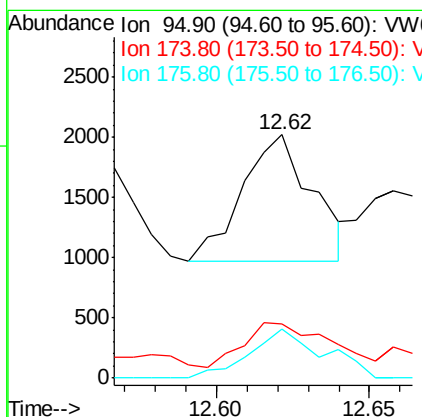
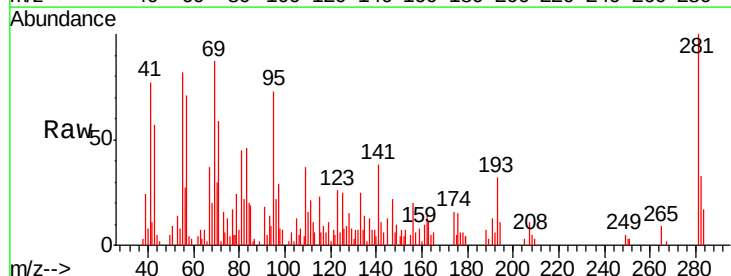
Manual Integrations
APPROVED

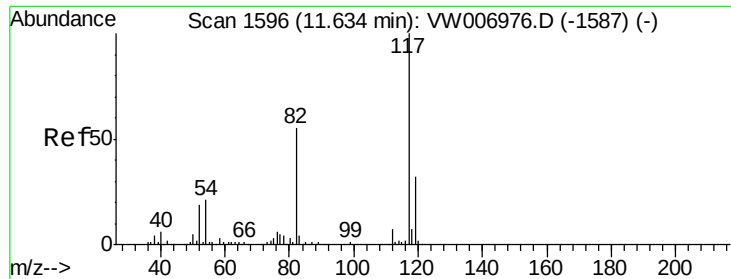
MMDadoda
11/21/2018 11:32:38 AM



#62
4-Bromofluorobenzene
Concen: 34.52 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Tgt Ion: 95 Resp: 1660
Ion Ratio Lower Upper
95 100
174 42.3 0.0 143.6
176 40.7 0.0 140.4





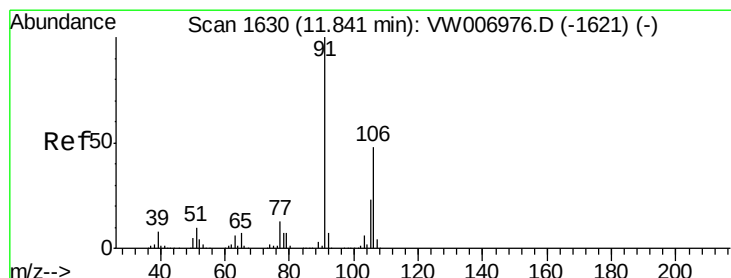
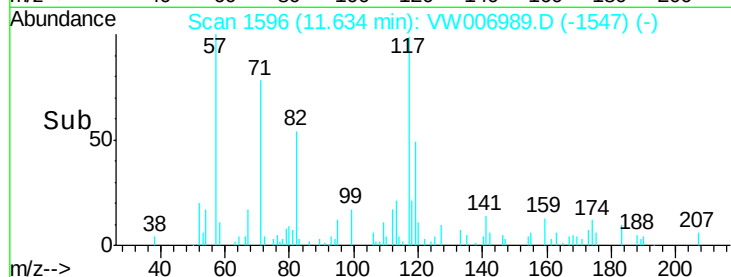
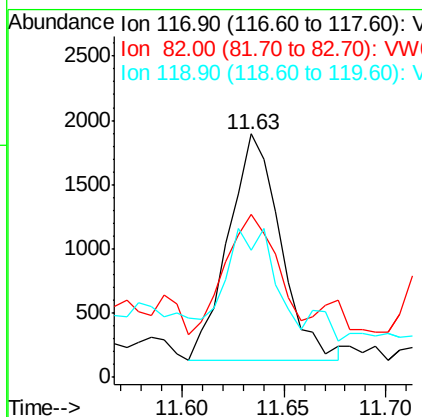
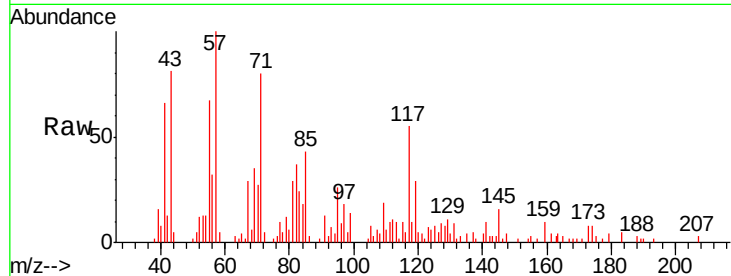
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITERE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	3139		
82	52.9	44.2	66.2	
119	40.2	25.9	38.9#	

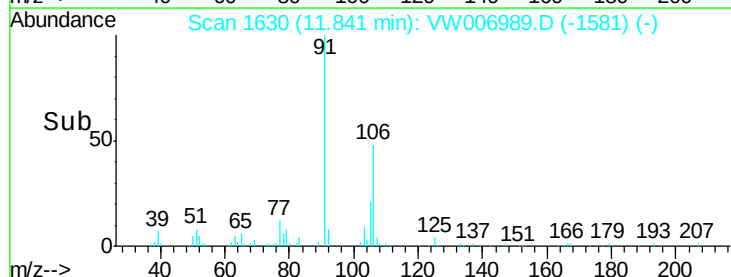
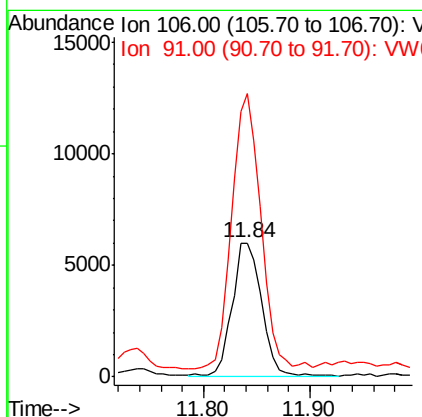
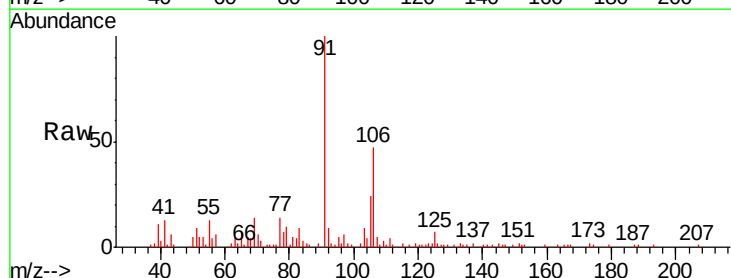
Manual Integrations
APPROVED

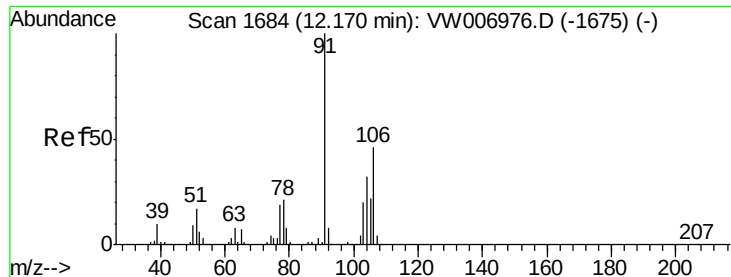
MMDadoda
11/21/2018 11:32:38 AM



#68
m/p-Xylenes
Concen: 251.93 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	11896		
91	198.7	164.8	247.2	





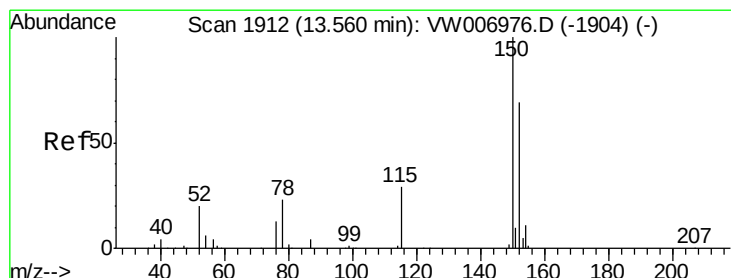
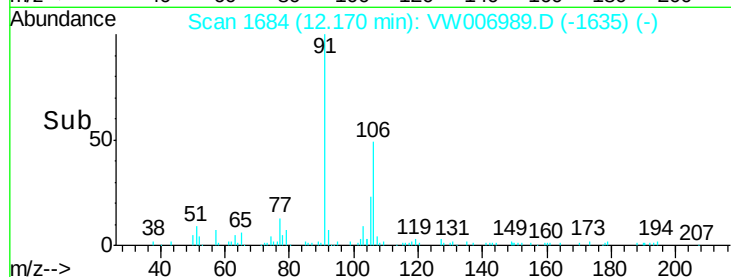
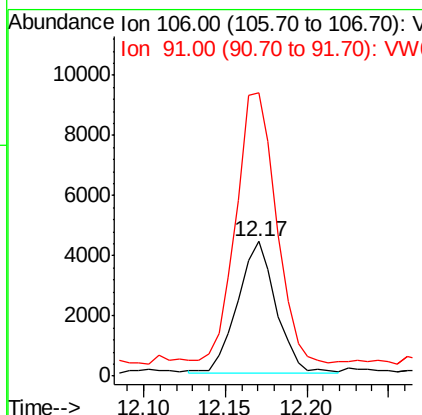
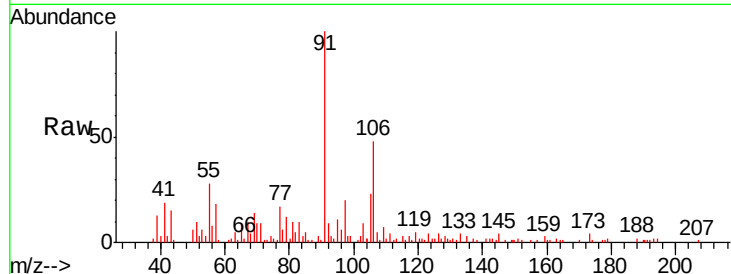
#69
o-Xylene
Concen: 163.30 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITERE

Tgt Ion:106 Resp: 7271
Ion Ratio Lower Upper
106 100
91 212.6 107.9 323.8

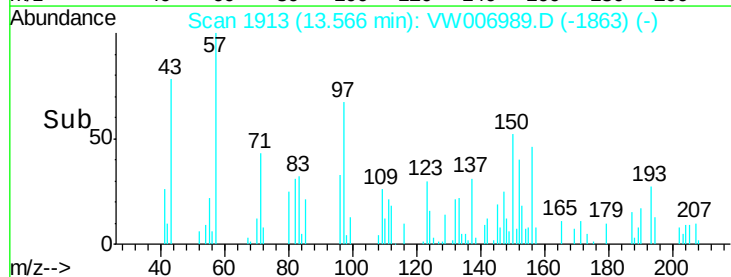
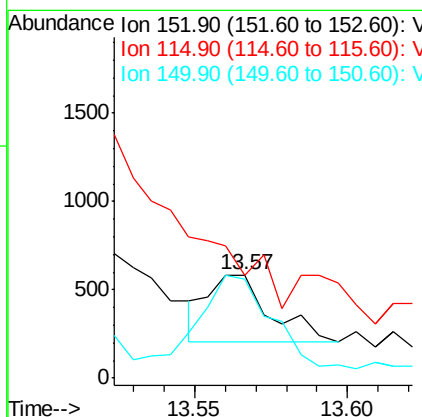
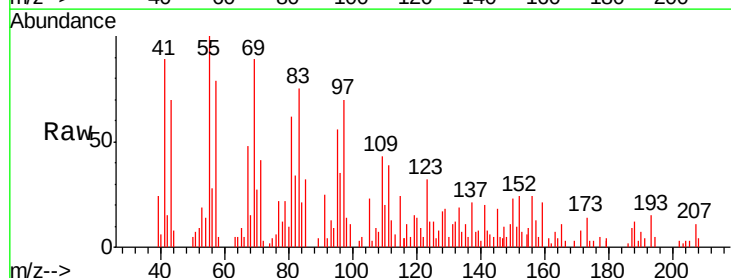
Manual Integrations
APPROVED

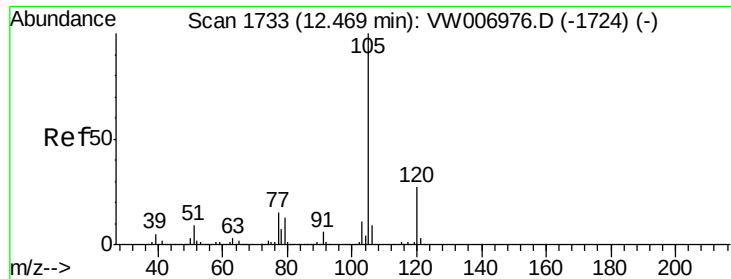
MMDadoda
11/21/2018 11:32:38 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW006989.D
Acq: 20 Nov 2018 21:48

Tgt Ion:152 Resp: 529
Ion Ratio Lower Upper
152 100
115 0.0 31.4 94.2#
150 160.5 0.0 353.4





#73

Isopropylbenzene

Concen: 93.21 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006989.D

Acq: 20 Nov 2018 21:48

Instrument :

MSVOA_W

ClientSampleId :

20180927-WCC-3-COMPOSITERE

Tgt Ion: 105 Resp: 3832

Ion Ratio Lower Upper

105 100

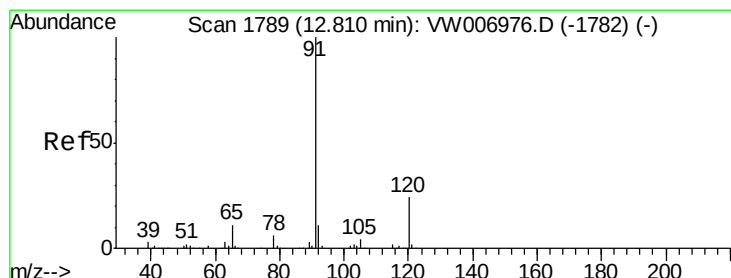
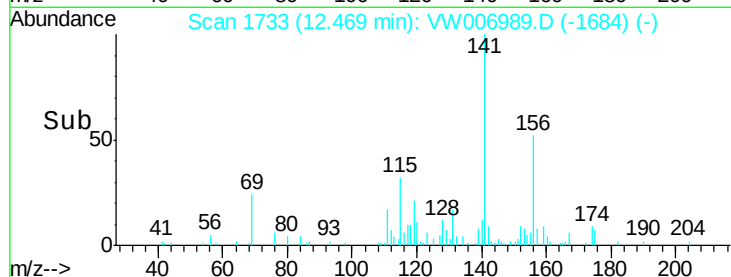
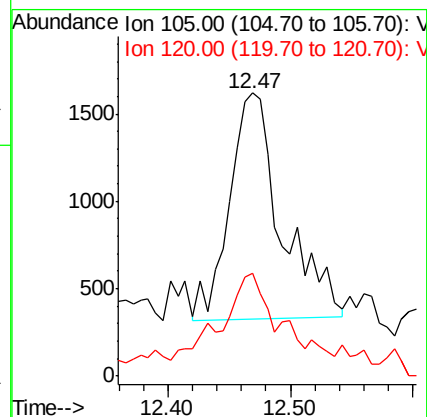
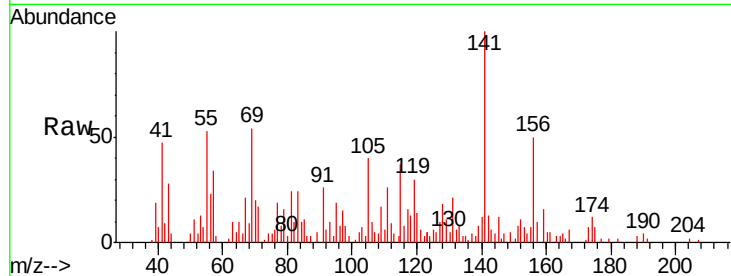
120 37.5 13.3 39.8

Manual Integrations

APPROVED

MMDadoda

11/21/2018 11:32:38 AM



#78

n-propylbenzene

Concen: 95.20 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW006989.D

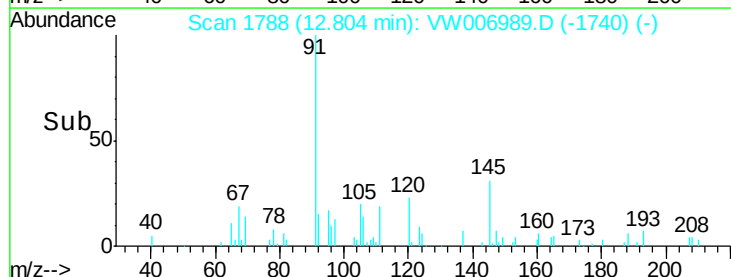
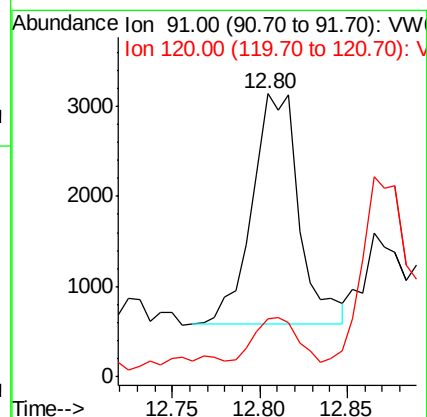
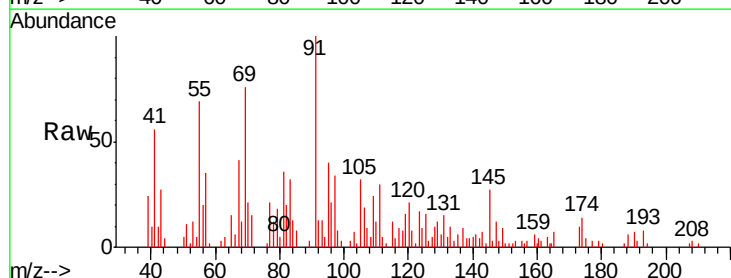
Acq: 20 Nov 2018 21:48

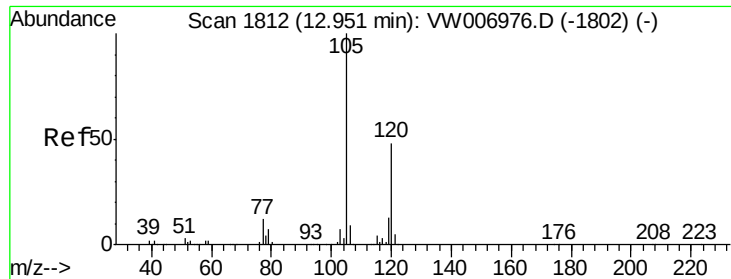
Tgt Ion: 91 Resp: 4741

Ion Ratio Lower Upper

91 100

120 23.0 11.7 35.1





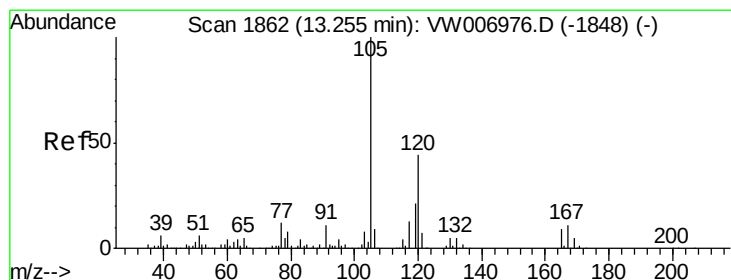
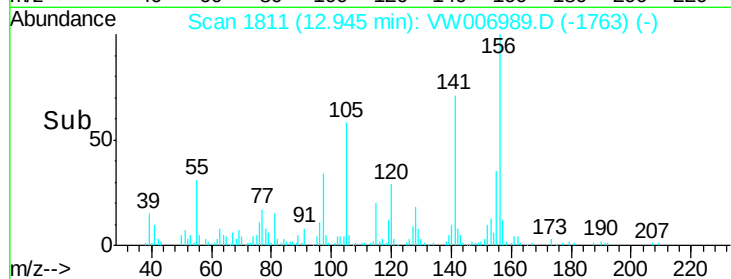
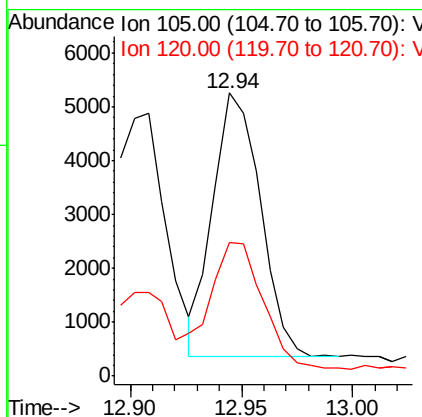
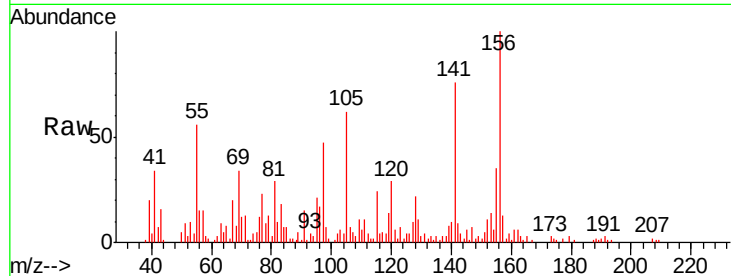
#80
 1,3,5-Trimethylbenzene
 Concen: 203.33 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW006989.D
 Acq: 20 Nov 2018 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITERE

Tgt Ion:105 Resp: 7229
 Ion Ratio Lower Upper
 105 100
 120 53.9 23.8 71.2

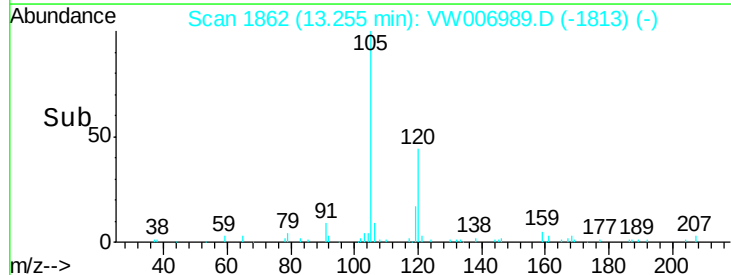
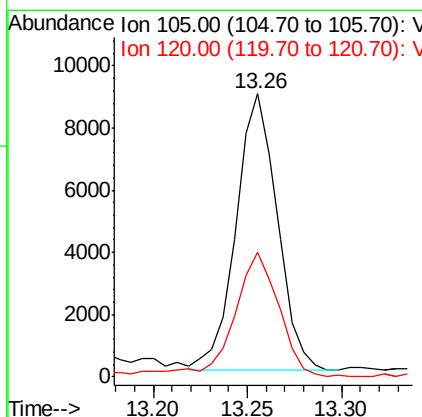
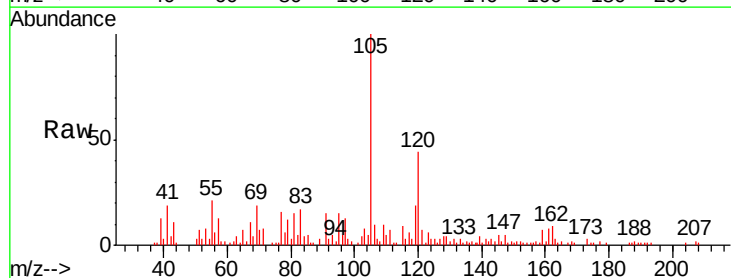
Manual Integrations
 APPROVED

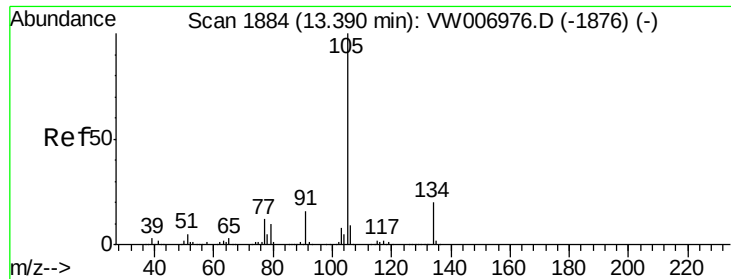
MMDadoda
 11/21/2018 11:32:38 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 380.42 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006989.D
 Acq: 20 Nov 2018 21:48

Tgt Ion:105 Resp: 13475
 Ion Ratio Lower Upper
 105 100
 120 50.9 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 55.33 ug/l m
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006989.D
 Acq: 20 Nov 2018 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITERE

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2406		
134	38.3	9.8	29.3#	

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:38 AM

