

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006190.D
 Acq On : 18 Oct 2018 21:28
 Operator : VA/AP
 Sample : J5579-01RE
 Misc : 9.53G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 7-1-ROLLOFFSRE

Manual Integrations
 APPROVED

apatel
 10/19/2018 12:50:57 PM

Quant Time: Oct 19 07:38:53 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	216989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	319427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	229029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	68727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	94123	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
35) Dibromofluoromethane	7.89	113	99860	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
50) Toluene-d8	10.33	98	327864	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
62) 4-Bromofluorobenzene	12.62	95	85400	31.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.32%	
Target Compounds						
8) Diethyl Ether	3.68	74	1644	1.68	ug/l	Qvalue # 8
20) Methylene Chloride	4.91	84	12557	5.14	ug/l	96
40) Benzene	8.33	78	8503	1.05	ug/l	99
52) Toluene	10.39	92	32704	6.04	ug/l	99
67) Ethyl Benzene	11.74	91	28049	3.30	ug/l	98
68) m/p-Xylenes	11.84	106	4119	1.23	ug/l	99
69) o-Xylene	12.17	106	4060	1.27	ug/l	100
73) Isopropylbenzene	12.47	105	5710	1.18	ug/l	100
78) n-propylbenzene	12.81	91	6991	1.24	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	8385	2.02	ug/l	96
86) p-Isopropyltoluene	13.51	119	4871	1.04	ug/l	92
95) Naphthalene	15.38	128	19302	7.14	ug/l	# 96

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

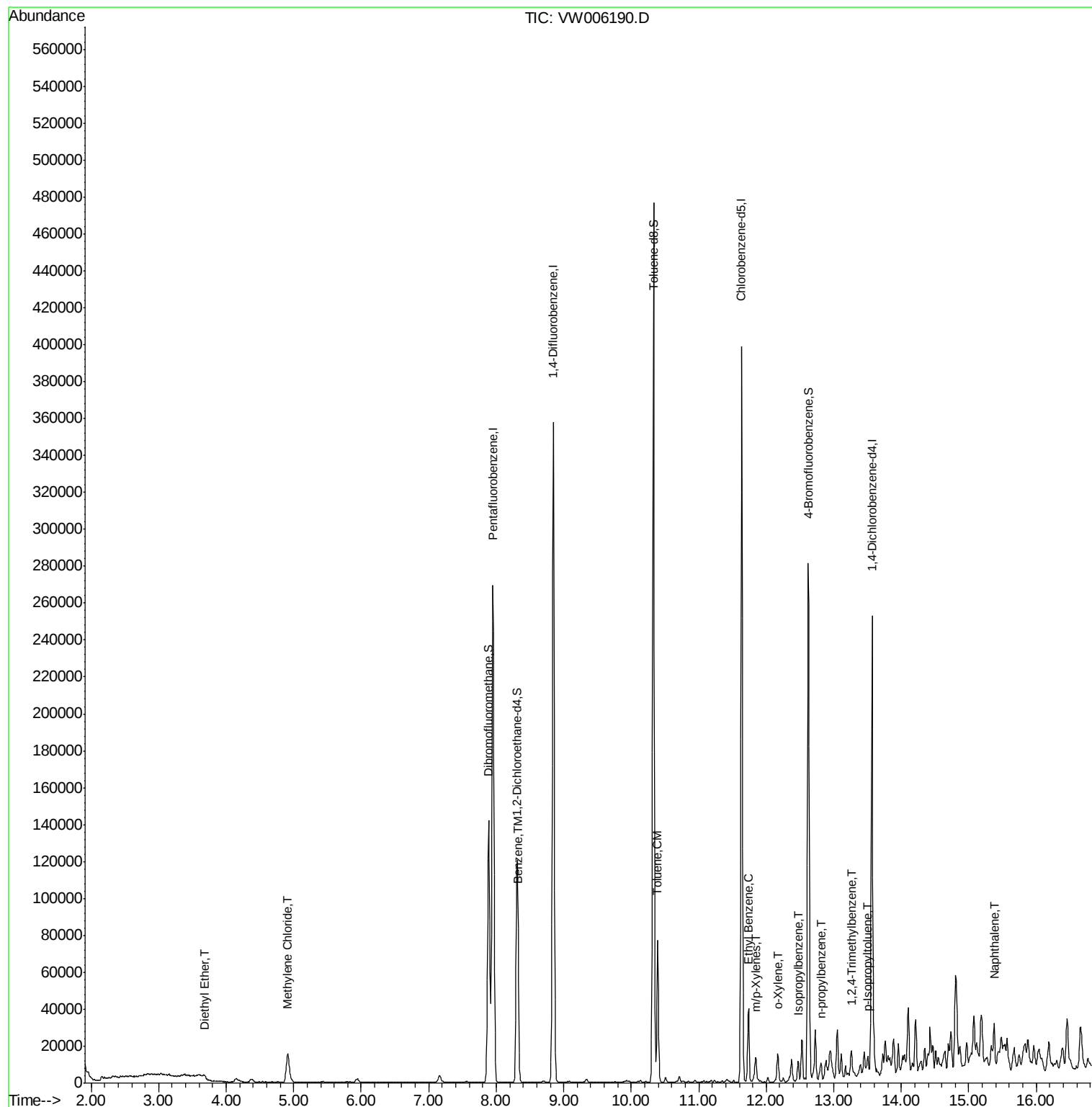
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006190.D
Acq On : 18 Oct 2018 21:28
Operator : VA/AP
Sample : J5579-01RE
Misc : 9.53G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

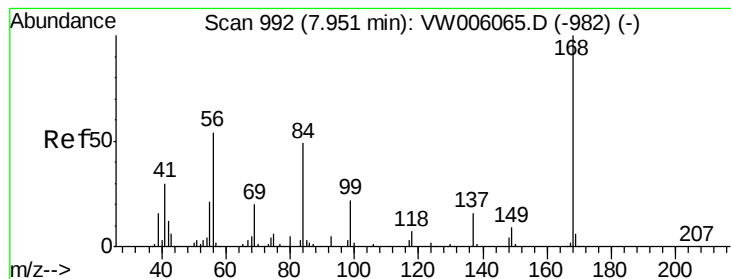
Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFSRE

Manual Integrations
APPROVED

apatel
10/19/2018 12:50:57 PM

Quant Time: Oct 19 07:38:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006190.D

Acq: 18 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

7-1-ROLLOFFSRE

Tgt Ion: 168 Resp: 216989

Ion Ratio Lower Upper

168 100

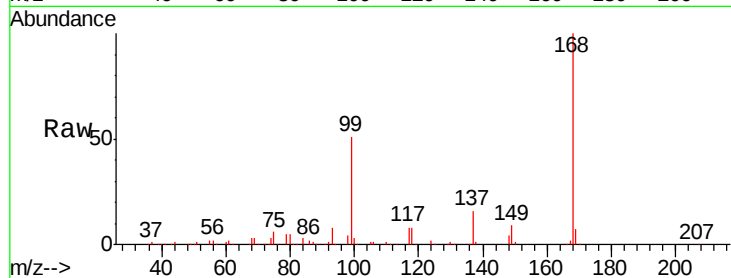
99 51.2 39.9 59.9

Manual Integrations

APPROVED

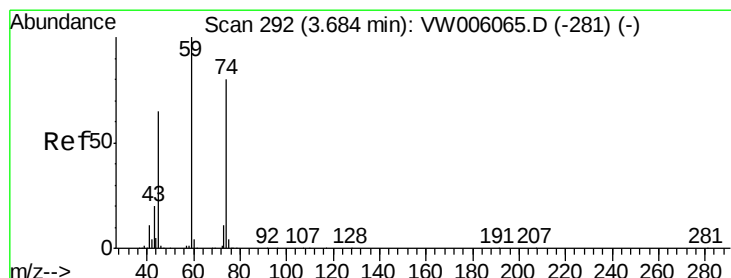
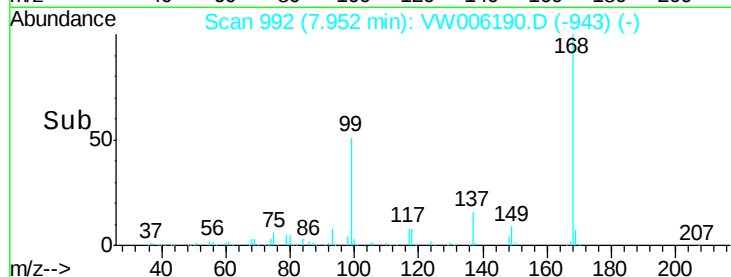
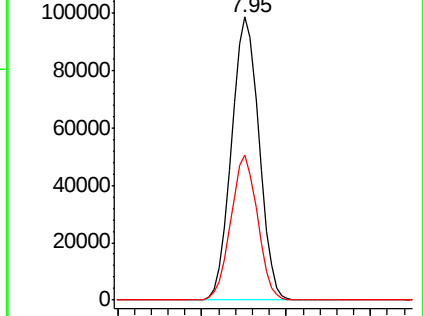
apatel

10/19/2018 12:50:57 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.68 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006190.D

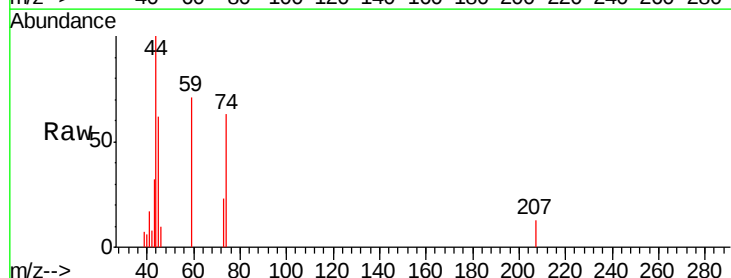
Acq: 18 Oct 2018 21:28

Tgt Ion: 74 Resp: 1644

Ion Ratio Lower Upper

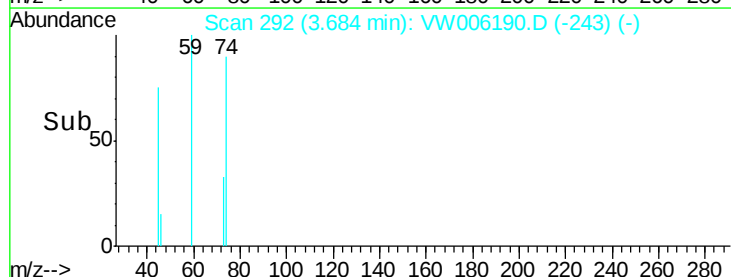
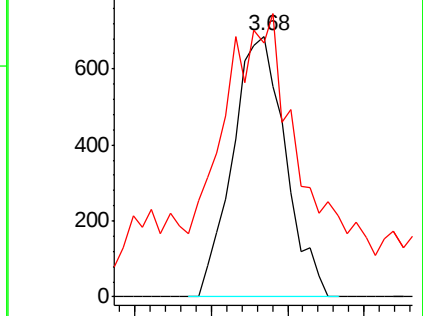
74 100

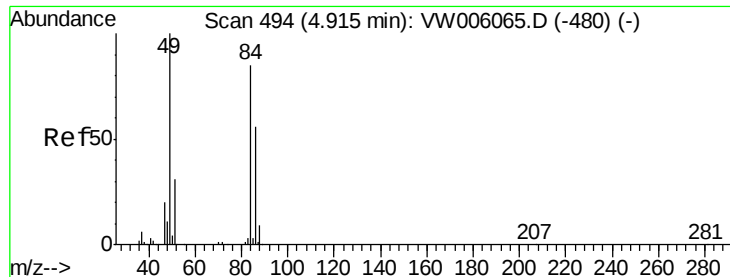
45 169.8 42.8 128.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#20

Methylene Chloride

Concen: 5.14 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006190.D

Acq: 18 Oct 2018 21:28

Instrument :

MSVOA_W

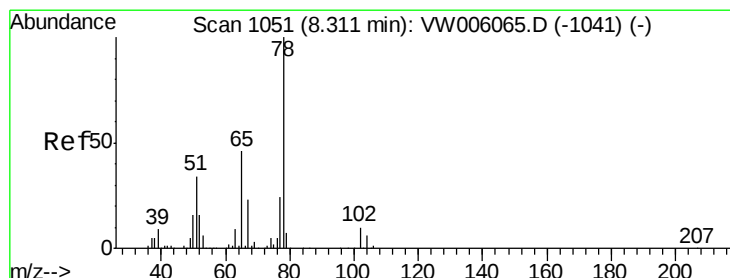
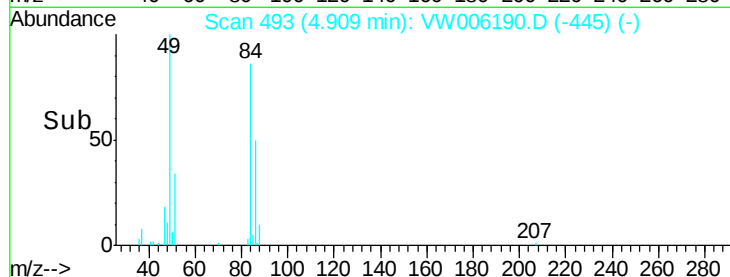
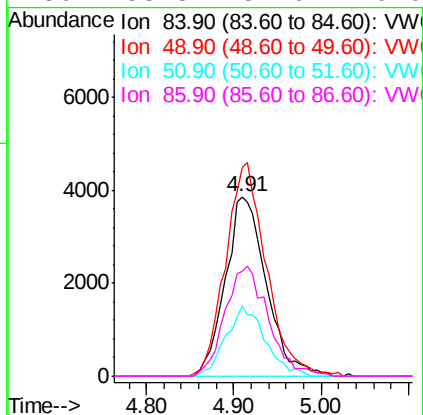
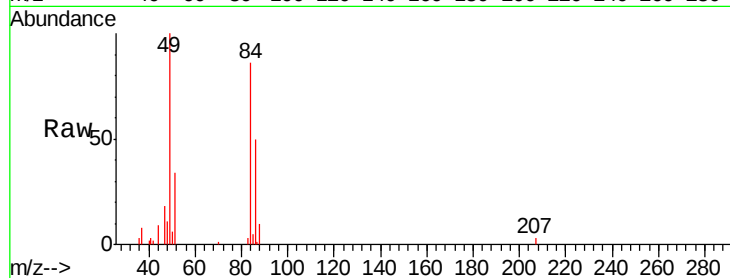
ClientSampleId :

7-1-ROLLOFFSRE

Tgt Ion:	84	Resp:	12557
Ion	Ratio	Lower	Upper
84	100		
49	116.4	93.6	140.4
51	39.0	29.0	43.4
86	58.8	52.6	79.0

Manual Integrations
APPROVED

apatel
10/19/2018 12:50:57 PM



#33

1,2-Dichloroethane-d4

Concen: 52.32 ug/l

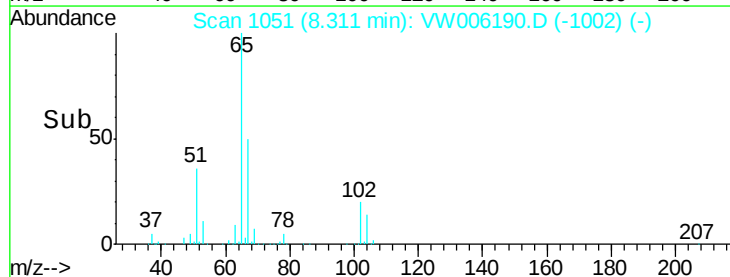
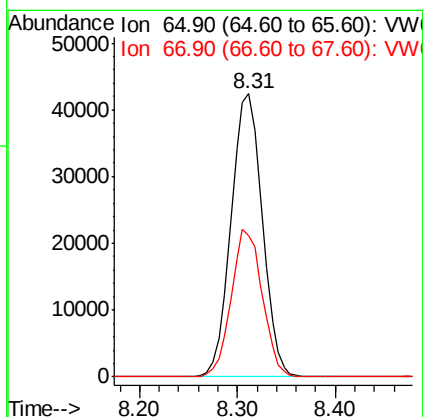
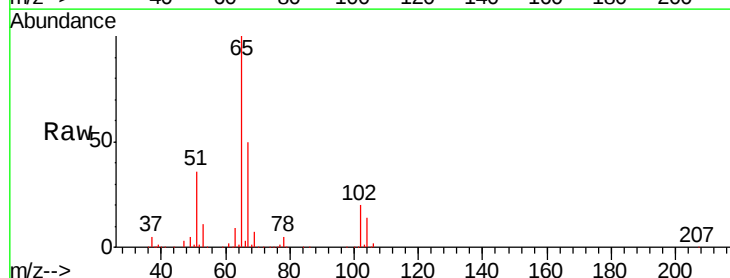
RT: 8.31 min Scan# 1051

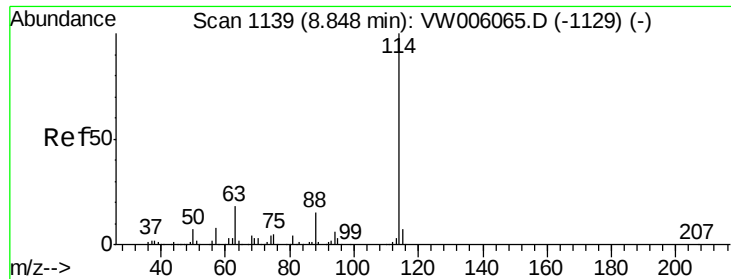
Delta R.T. 0.00 min

Lab File: VW006190.D

Acq: 18 Oct 2018 21:28

Tgt Ion:	65	Resp:	94123
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.0





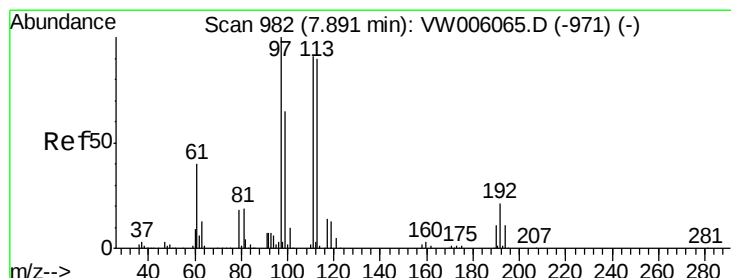
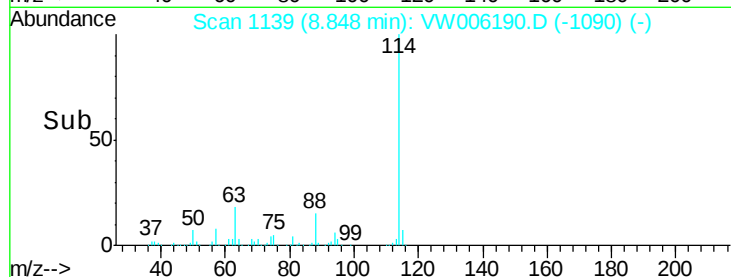
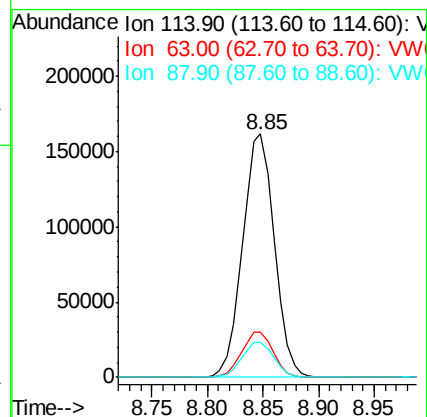
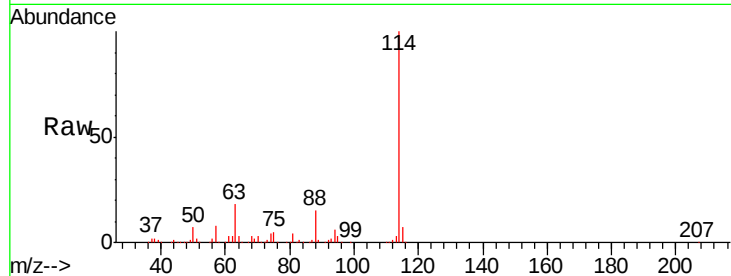
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006190.D
 Acq: 18 Oct 2018 21:28

Instrument :
 MSVOA_W
 ClientSampleId :
 7-1-ROLLOFFSRE

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	319427		
63	18.4	0.0	36.8	
88	14.6	0.0	29.0	

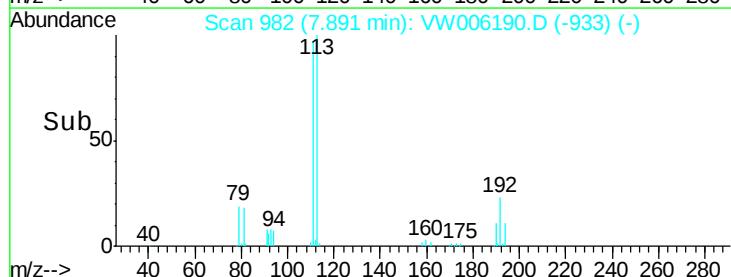
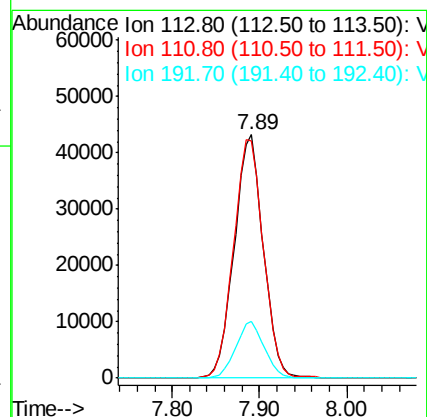
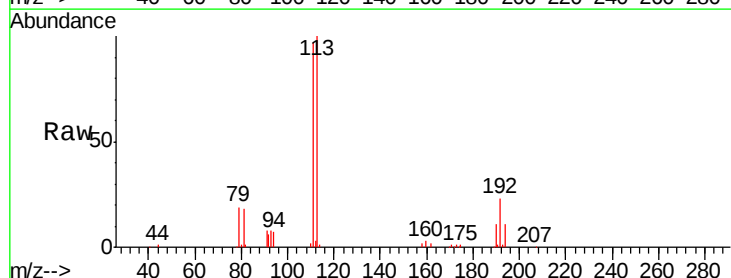
Manual Integrations
 APPROVED

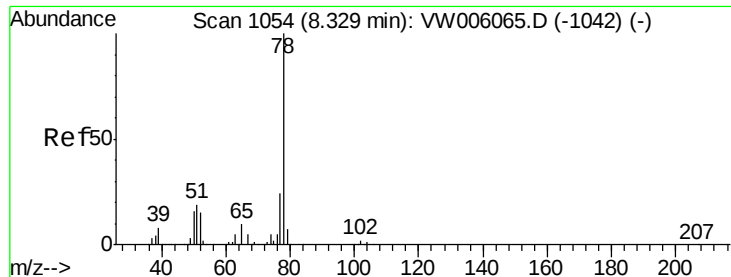
apatel
 10/19/2018 12:50:57 PM



#35
 Dibromofluoromethane
 Concen: 52.91 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006190.D
 Acq: 18 Oct 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	99860		
111	100.7	81.4	122.0	
192	22.8	18.7	28.1	





#40

Benzene

Concen: 1.05 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006190.D

Acq: 18 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

7-1-ROLLOFFSRE

Tgt Ion: 78 Resp: 8503

Ion Ratio Lower Upper

78 100

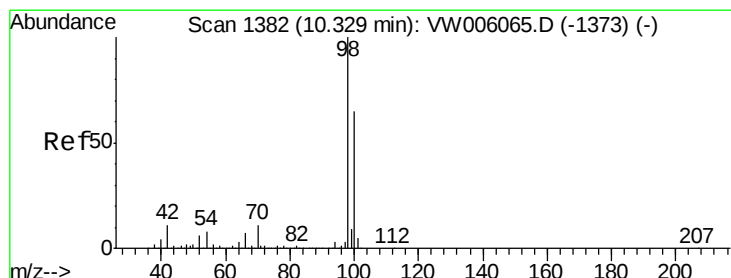
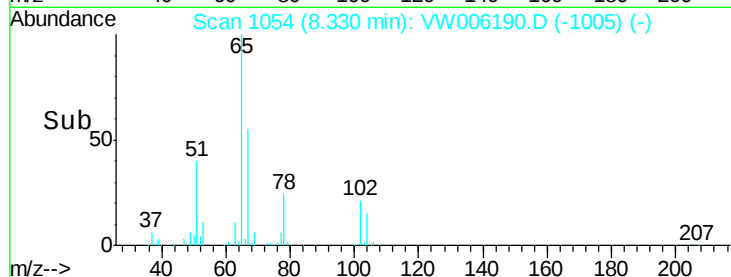
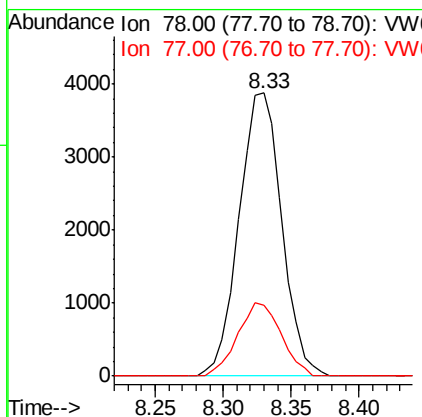
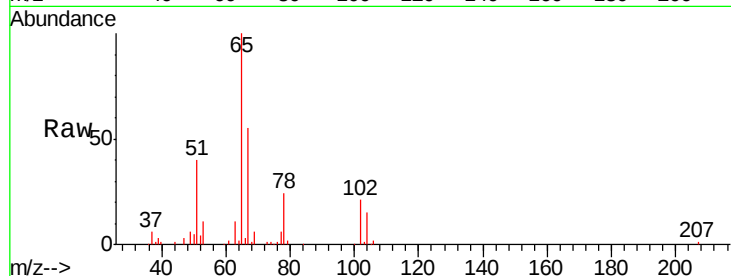
77 24.9 19.4 29.0

Manual Integrations

APPROVED

apatel

10/19/2018 12:50:57 PM



#50

Toluene-d8

Concen: 45.66 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006190.D

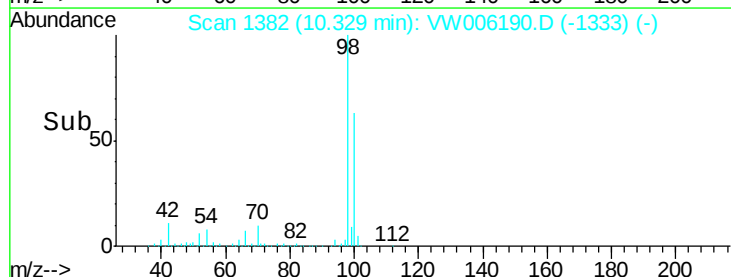
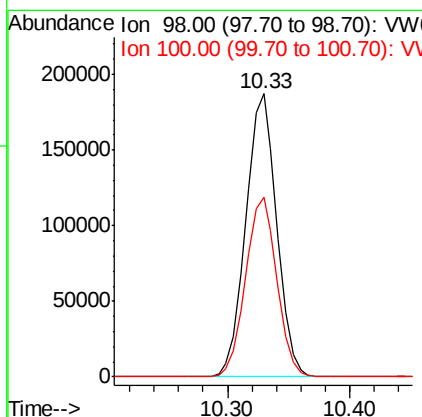
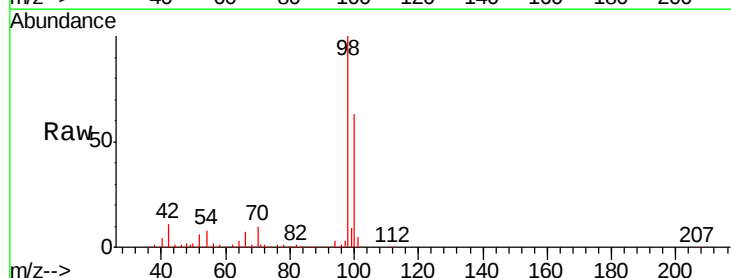
Acq: 18 Oct 2018 21:28

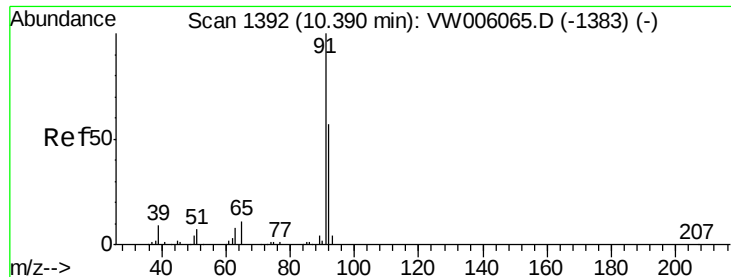
Tgt Ion: 98 Resp: 327864

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#52

Toluene

Concen: 6.04 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006190.D

Acq: 18 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

7-1-ROLLOFFSRE

Tgt Ion: 92 Resp: 32704

Ion Ratio Lower Upper

92 100

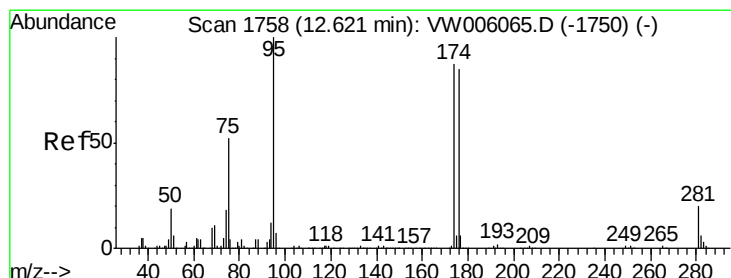
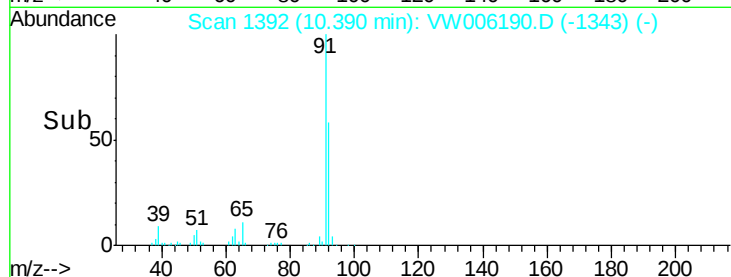
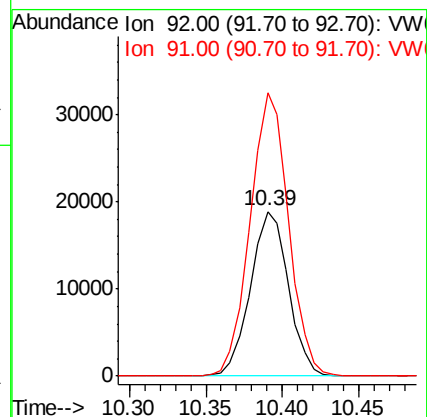
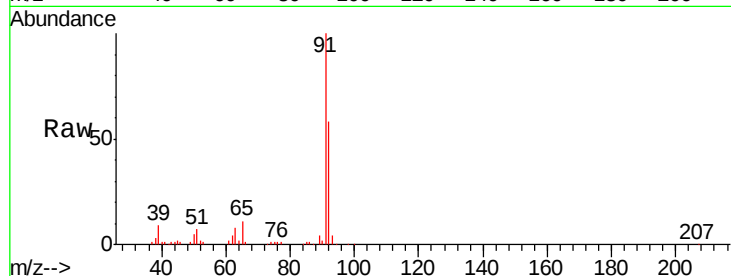
91 173.4 140.0 210.0

Manual Integrations

APPROVED

apatel

10/19/2018 12:50:57 PM



#62

4-Bromofluorobenzene

Concen: 31.66 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006190.D

Acq: 18 Oct 2018 21:28

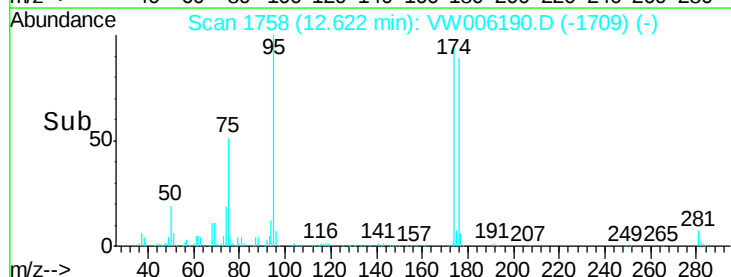
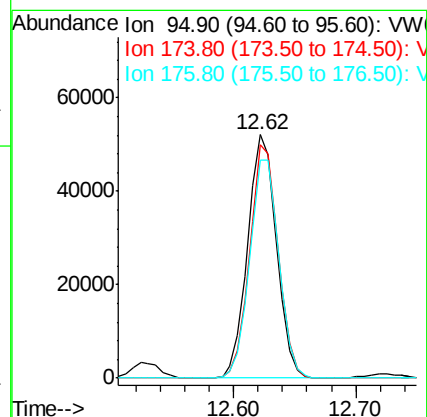
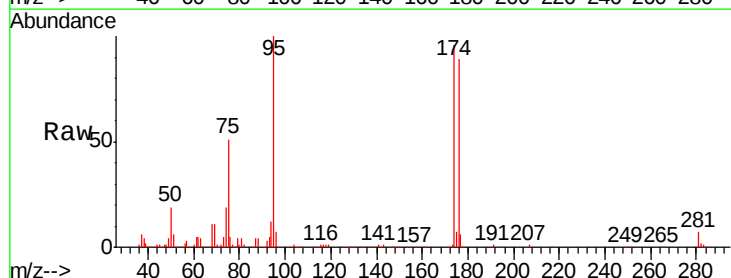
Tgt Ion: 95 Resp: 85400

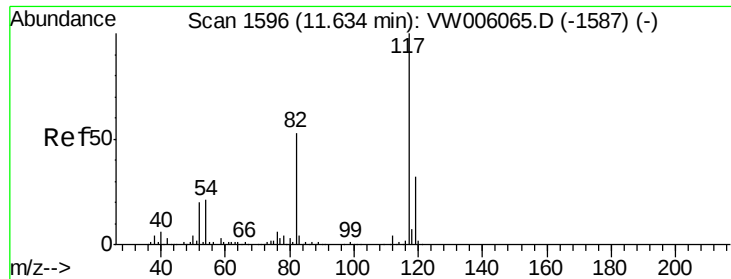
Ion Ratio Lower Upper

95 100

174 94.4 0.0 186.0

176 91.0 0.0 181.6





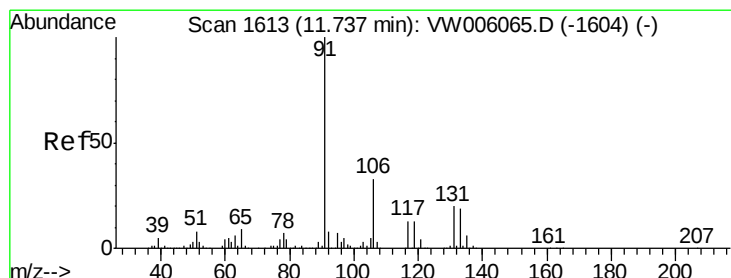
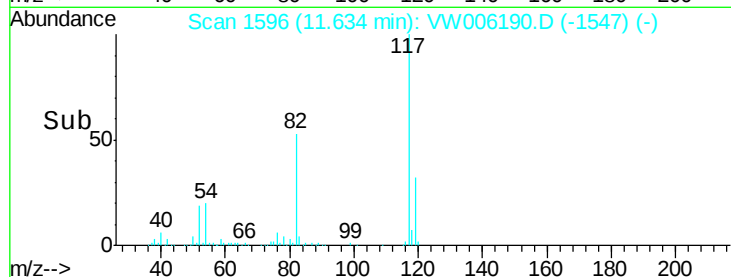
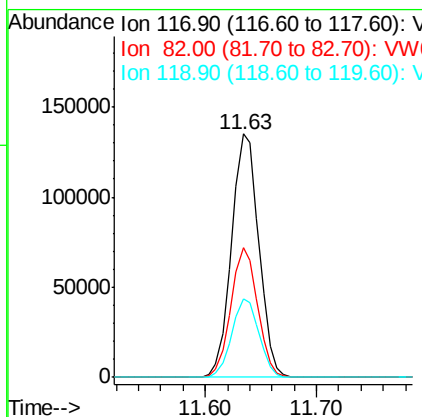
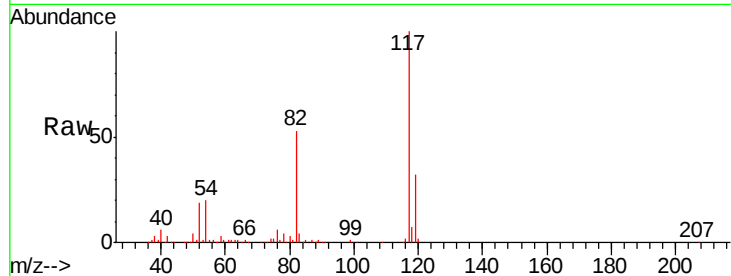
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006190.D
Acq: 18 Oct 2018 21:28

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFSRE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	229029		
82	53.4	42.1	63.1	
119	32.5	25.8	38.6	

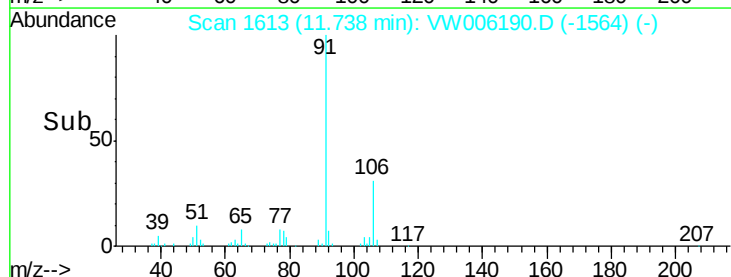
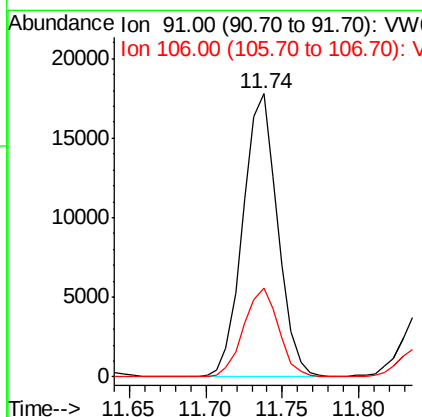
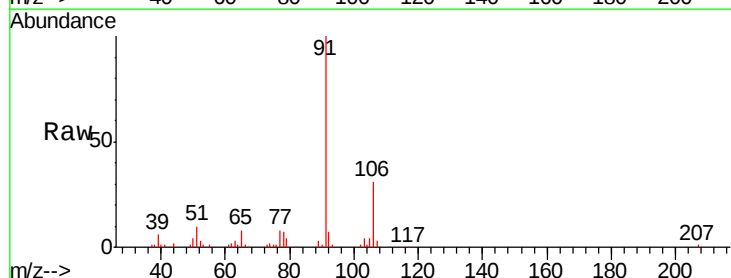
Manual Integrations
APPROVED

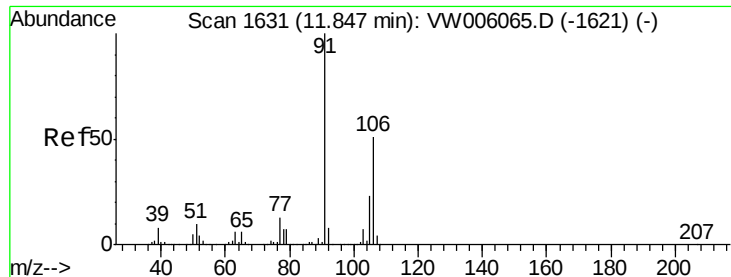
apatel
10/19/2018 12:50:57 PM



#67
Ethyl Benzene
Concen: 3.30 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006190.D
Acq: 18 Oct 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	28049		
106	31.4	26.1	39.1	





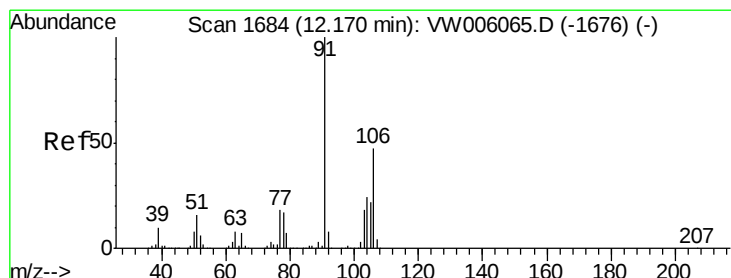
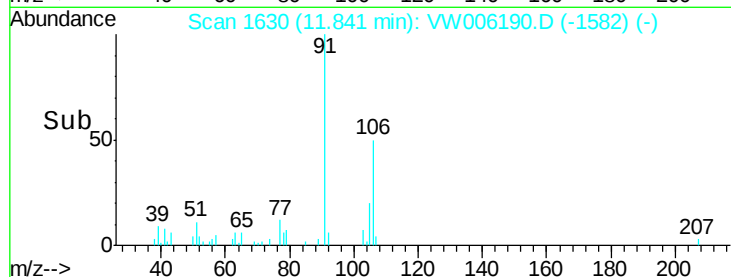
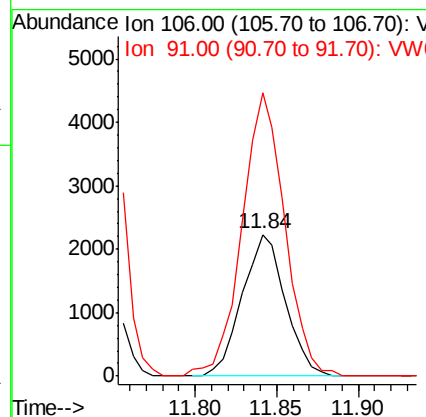
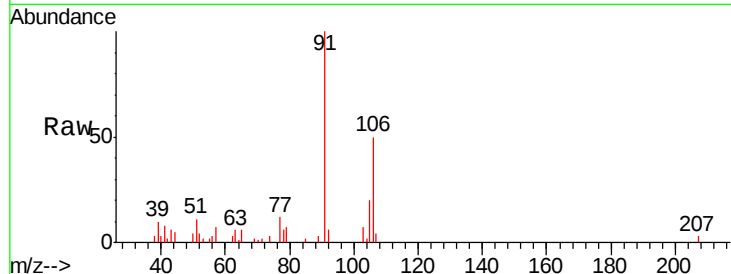
#68
m/p-Xylenes
Concen: 1.23 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006190.D
Acq: 18 Oct 2018 21:28

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFSRE

Tgt Ion:106 Resp: 4119
Ion Ratio Lower Upper
106 100
91 197.6 159.1 238.7

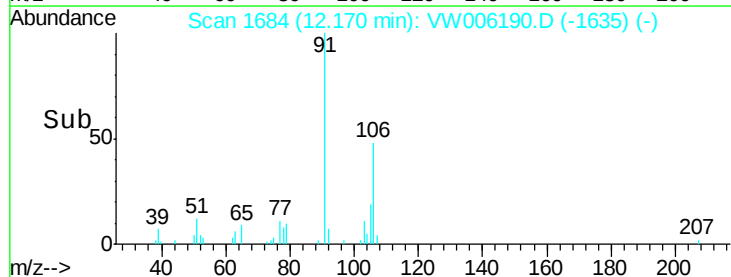
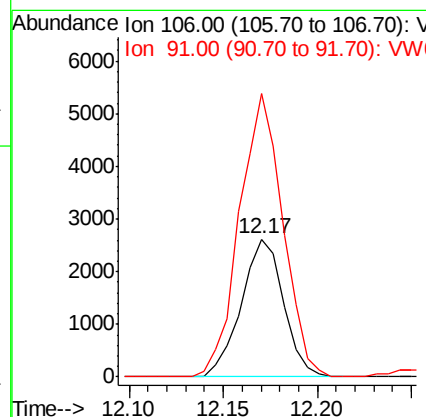
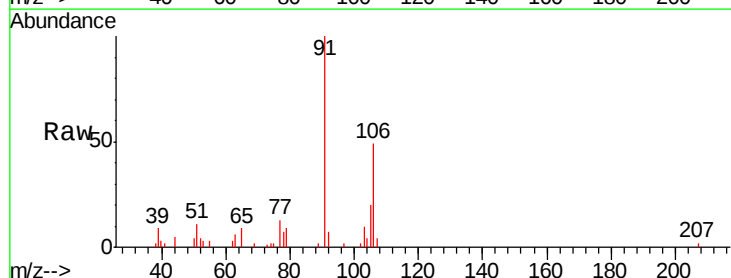
Manual Integrations
APPROVED

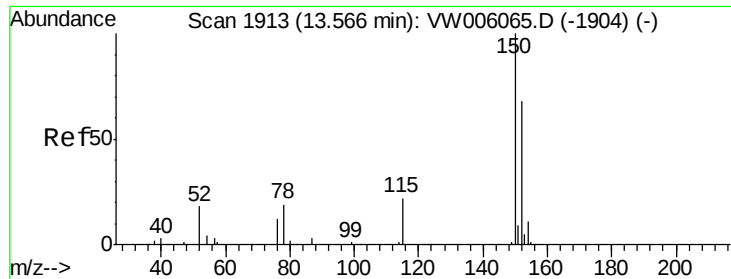
apatel
10/19/2018 12:50:57 PM



#69
o-Xylene
Concen: 1.27 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006190.D
Acq: 18 Oct 2018 21:28

Tgt Ion:106 Resp: 4060
Ion Ratio Lower Upper
106 100
91 211.5 105.4 316.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006190.D

Acq: 18 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

7-1-ROLLOFFSRE

Tgt Ion:152 Resp: 68727

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.3

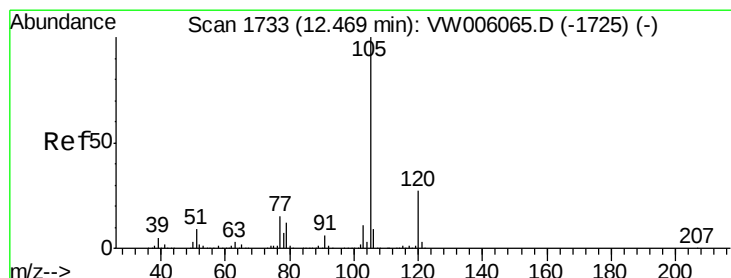
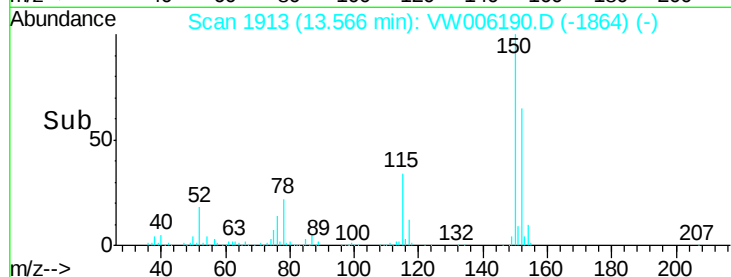
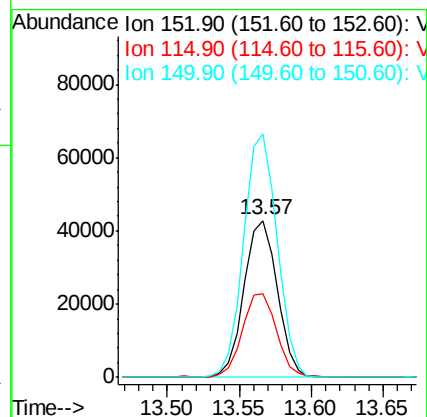
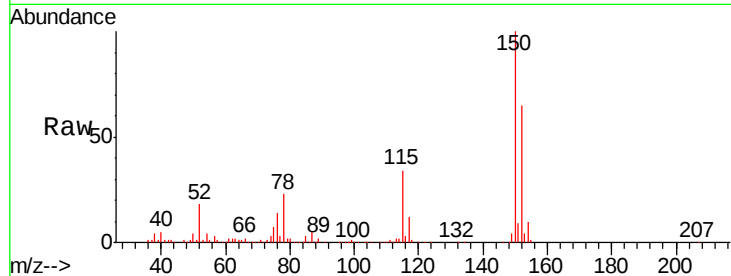
150 156.7 0.0 349.2

Manual Integrations

APPROVED

apatel

10/19/2018 12:50:57 PM



#73

Isopropylbenzene

Concen: 1.18 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006190.D

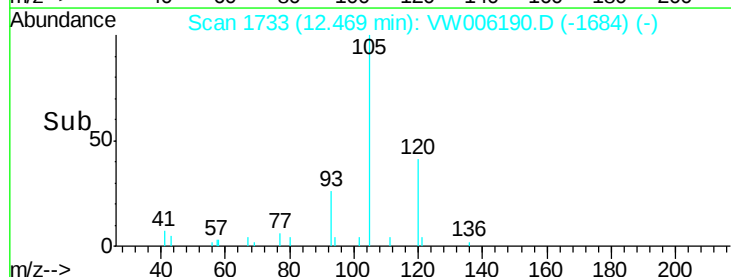
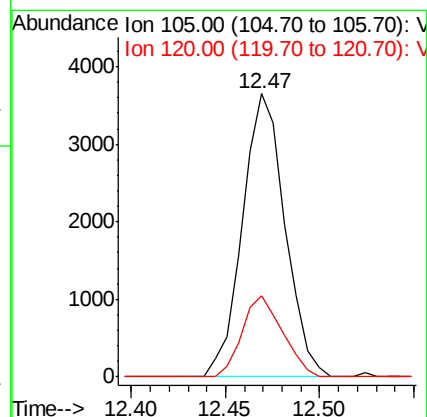
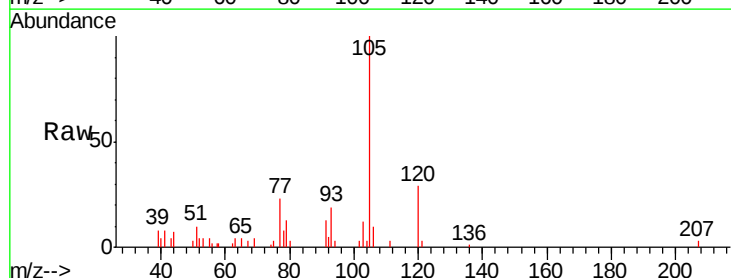
Acq: 18 Oct 2018 21:28

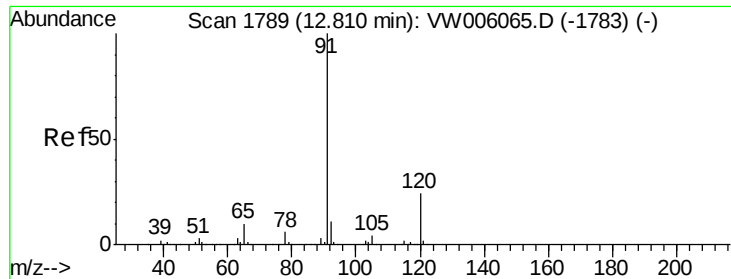
Tgt Ion:105 Resp: 5710

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7





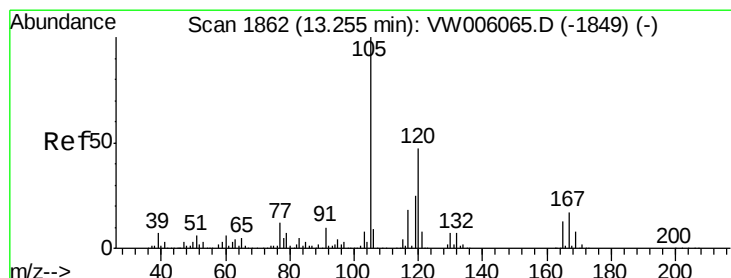
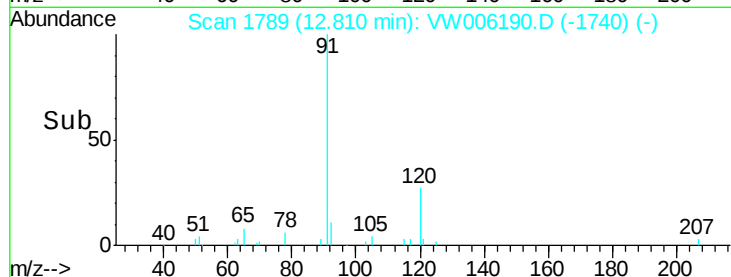
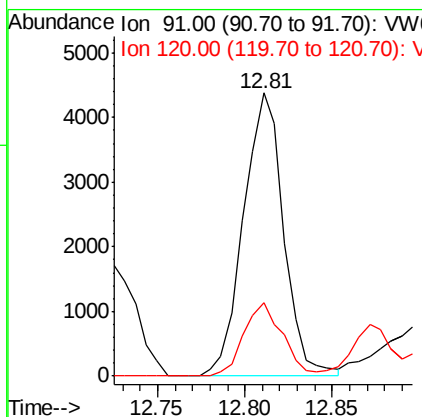
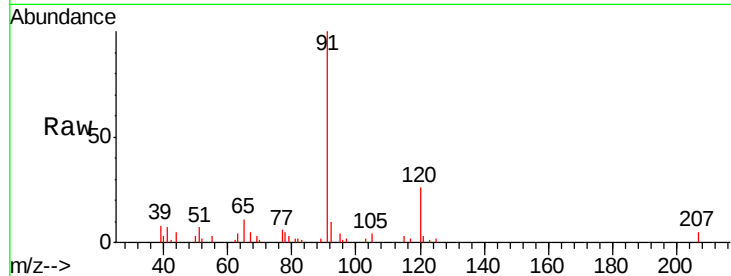
#78
n-propylbenzene
Concen: 1.24 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006190.D
Acq: 18 Oct 2018 21:28

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFSRE

Tgt Ion: 91 Resp: 6991
Ion Ratio Lower Upper
91 100
120 25.1 12.2 36.6

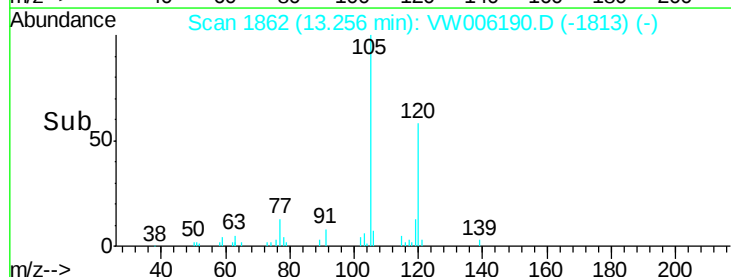
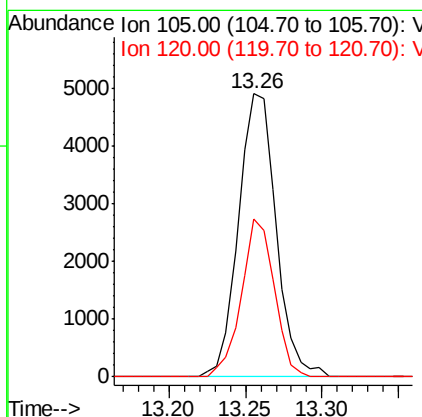
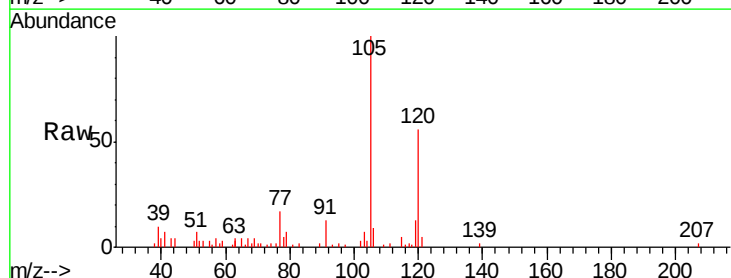
Manual Integrations
APPROVED

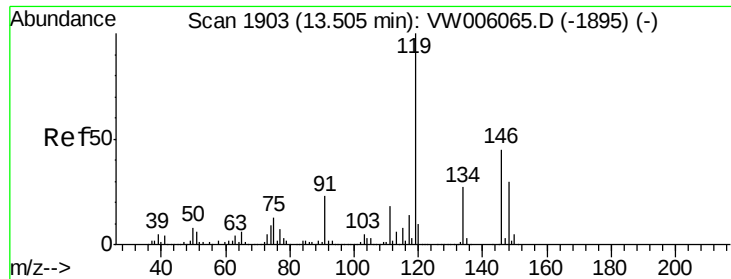
apatel
10/19/2018 12:50:57 PM



#84
1,2,4-Trimethylbenzene
Concen: 2.02 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006190.D
Acq: 18 Oct 2018 21:28

Tgt Ion: 105 Resp: 8385
Ion Ratio Lower Upper
105 100
120 48.9 23.1 69.3





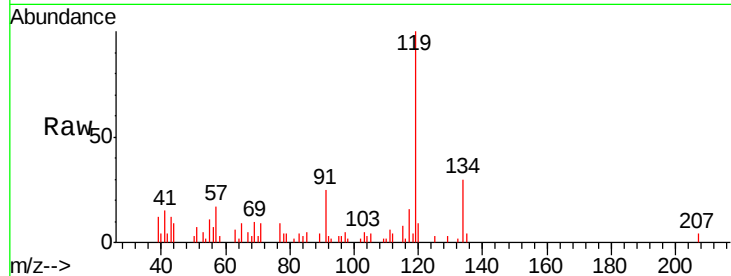
#86
p-Isopropyltoluene
Concen: 1.04 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006190.D
Acq: 18 Oct 2018 21:28

Instrument :
MSVOA_W
ClientSampleId :
7-1-ROLLOFFSRE

Tgt Ion	Ratio	Lower	Upper
119	100		
134	30.0	13.4	40.2
91	27.8	11.4	34.1

Manual Integrations
APPROVED

apatel
10/19/2018 12:50:57 PM

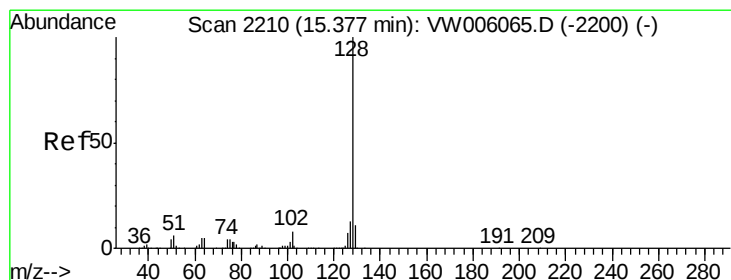
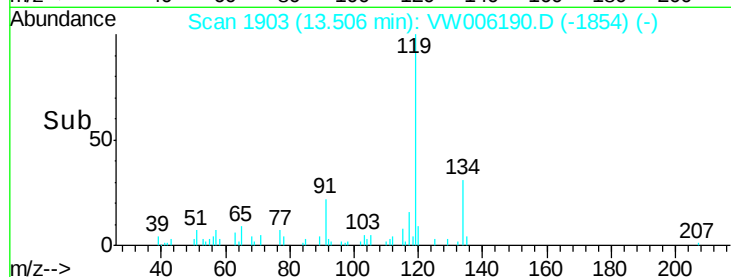
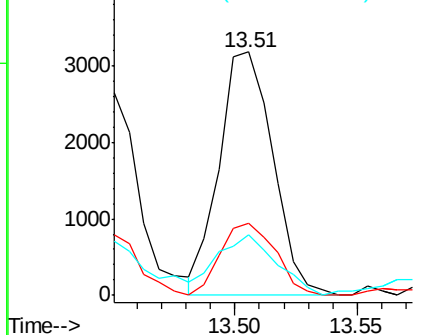


Abundance

Ion 119.00 (118.70 to 119.70): V

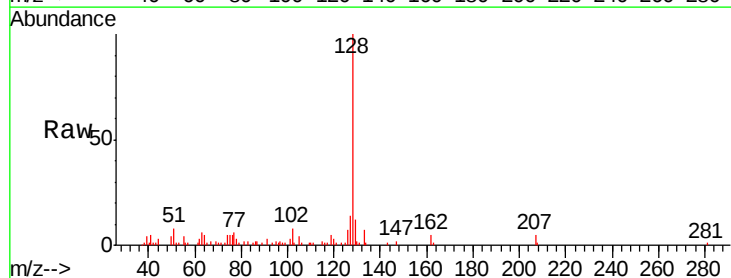
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 7.14 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006190.D
Acq: 18 Oct 2018 21:28

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	13.5	8.7	13.1#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

