

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006211.D
 Acq On : 19 Oct 2018 08:39
 Operator : VA/AP
 Sample : J5195-05
 Misc : 5.23G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-101818-B

Quant Time: Oct 19 11:07:37 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	164474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	212131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26967	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	77550	56.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.74%	
35) Dibromofluoromethane	7.89	113	73985	59.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.04%	
50) Toluene-d8	10.33	98	144116	30.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.44%	
62) 4-Bromofluorobenzene	12.62	95	41286	23.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.10%	

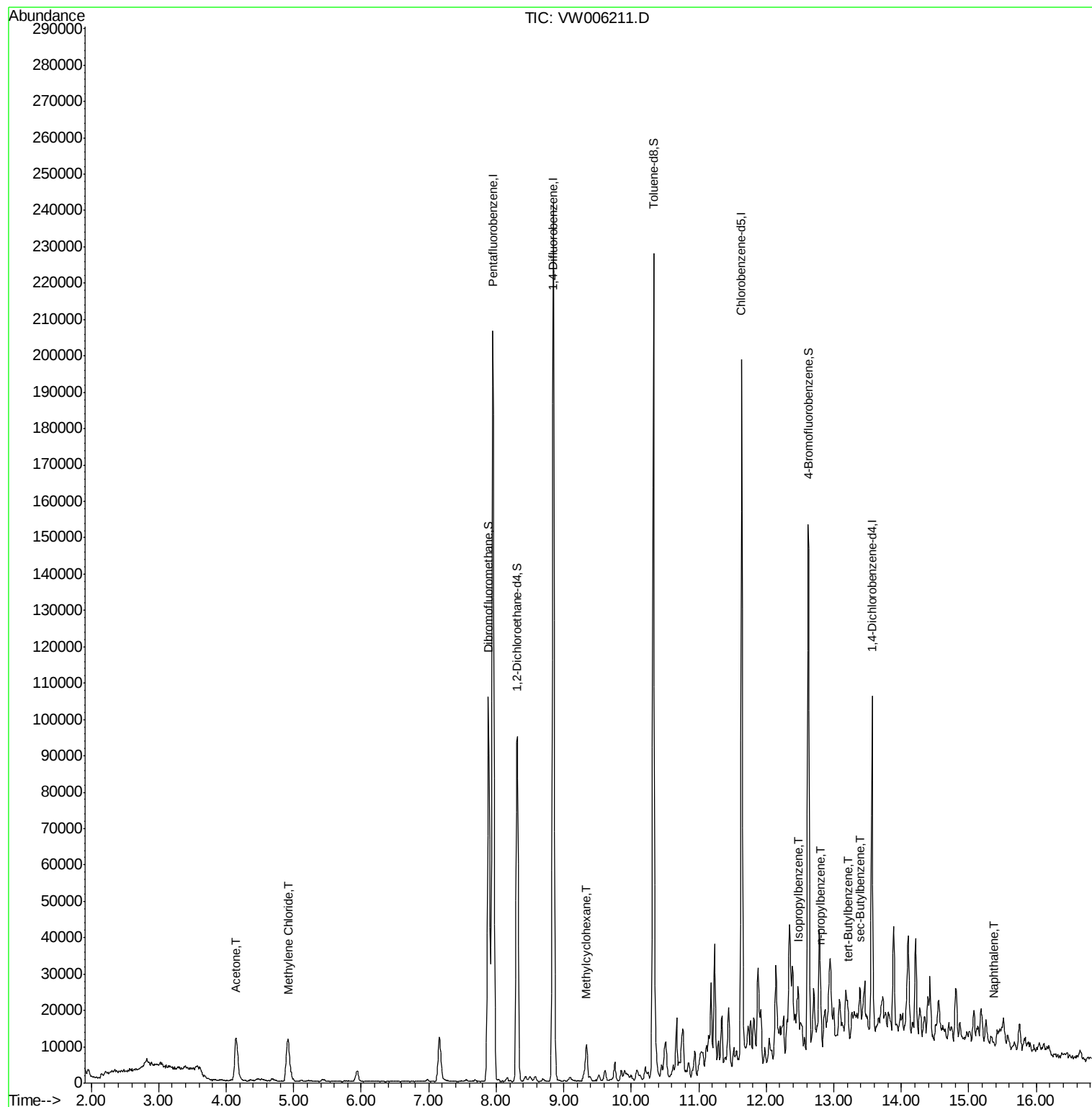
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	25519	90.30	ug/l	100
20) Methylene Chloride	4.92	84	10475	5.82	ug/l #	90
39) Methylcyclohexane	9.34	83	4315	1.66	ug/l #	87
73) Isopropylbenzene	12.47	105	8292	4.35	ug/l	95
78) n-propylbenzene	12.81	91	6135	2.77	ug/l	100
83) tert-Butylbenzene	13.21	119	1929	1.34	ug/l	94
85) sec-Butylbenzene	13.39	105	5345	2.63	ug/l #	63
95) Naphthalene	15.38	128	1168	1.10	ug/l #	88

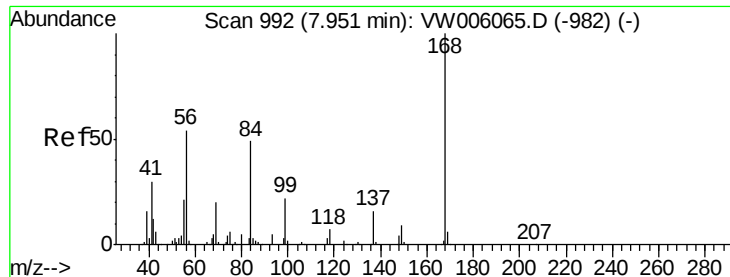
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006211.D
Acq On : 19 Oct 2018 08:39
Operator : VA/AP
Sample : J5195-05
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

Quant Time: Oct 19 11:07:37 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: VW006211.D

Acq: 19 Oct 2018 08:39

Instrument :

MSVOA_W

ClientSampleId :

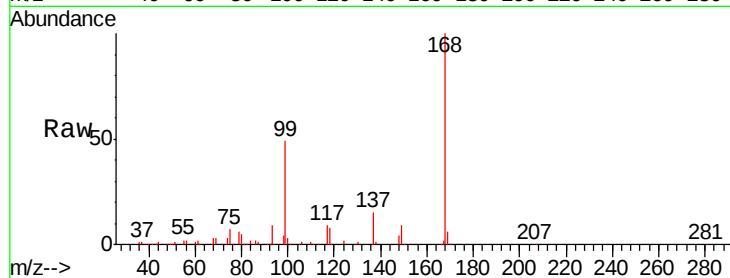
JC-02-101818-B

Tgt Ion:168 Resp: 164474

Ion Ratio Lower Upper

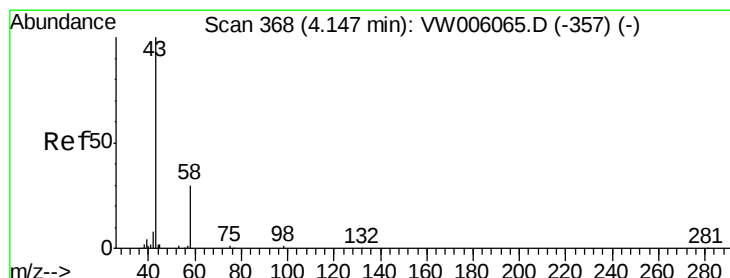
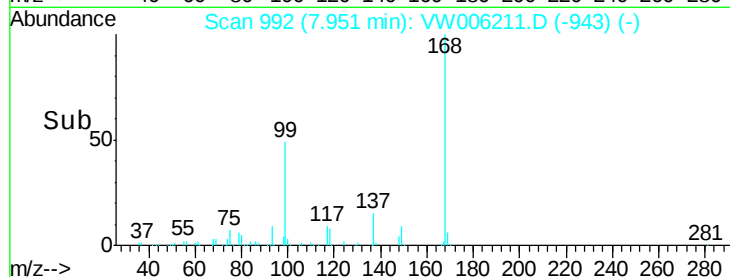
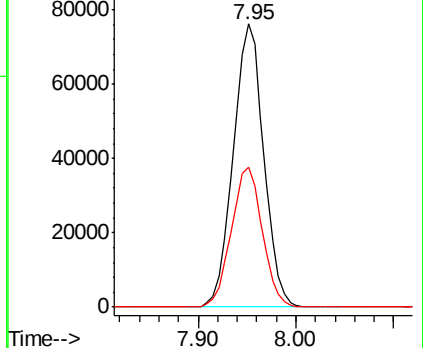
168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 90.30 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006211.D

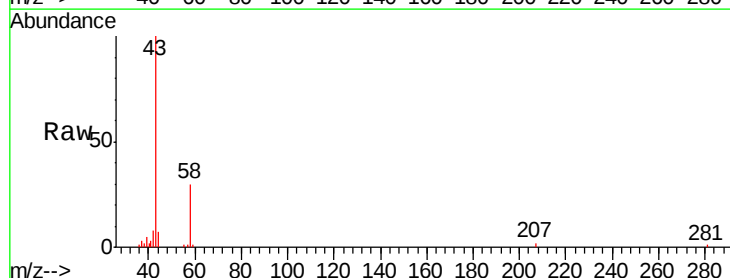
Acq: 19 Oct 2018 08:39

Tgt Ion: 43 Resp: 25519

Ion Ratio Lower Upper

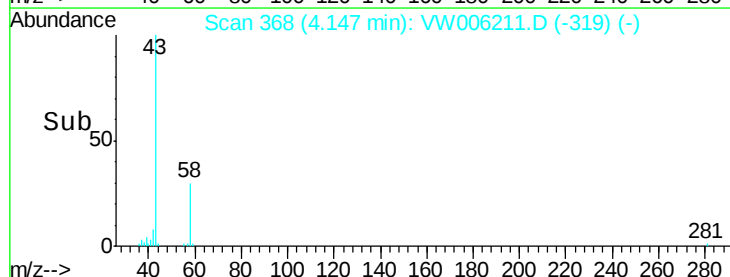
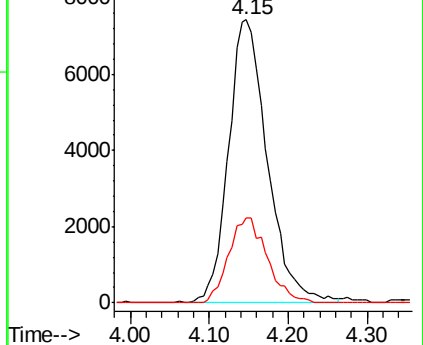
43 100

58 30.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

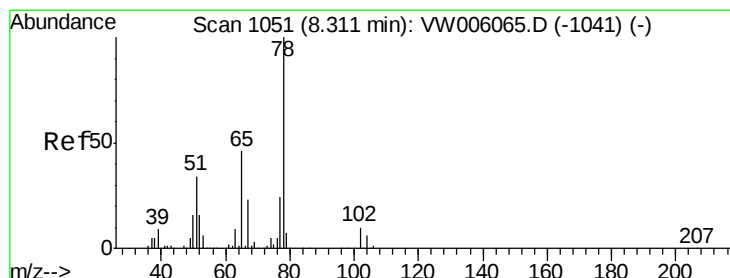
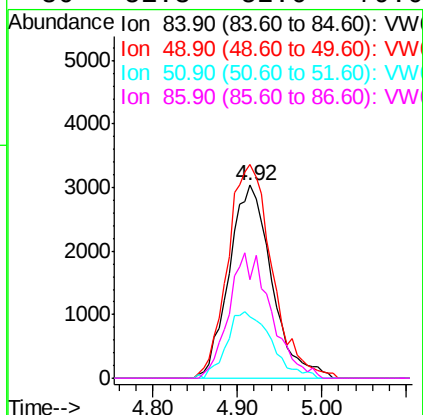
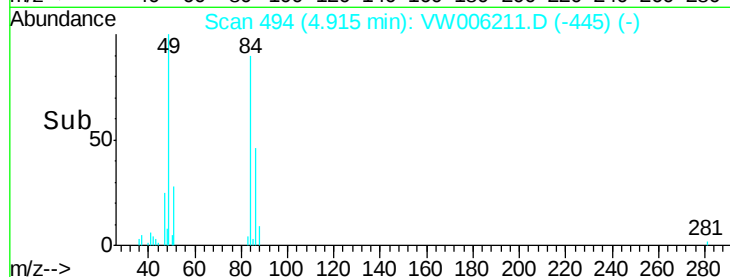
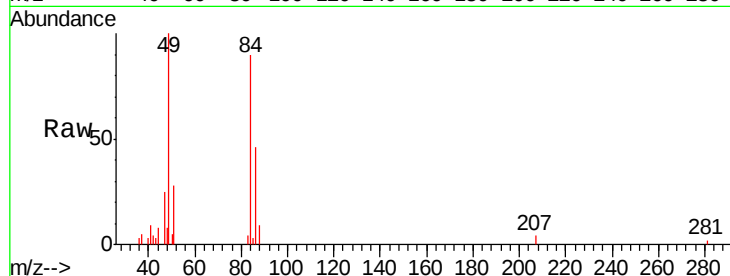




#20
Methylene Chloride
Concen: 5.82 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006211.D
Acq: 19 Oct 2018 08:39

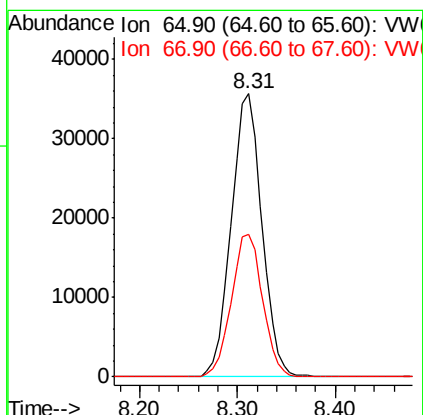
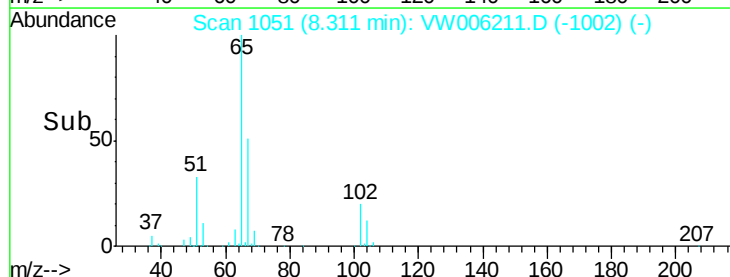
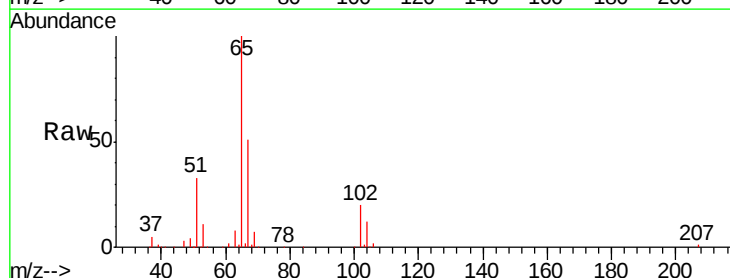
Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

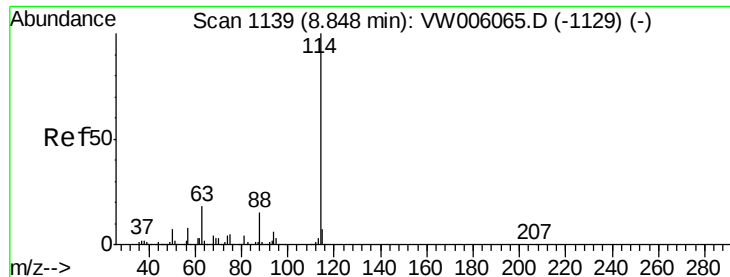
Tgt Ion: 84 Resp: 10475
Ion Ratio Lower Upper
84 100
49 110.7 93.6 140.4
51 31.5 29.0 43.4
86 51.3 52.6 79.0#



#33
1,2-Dichloroethane-d4
Concen: 56.87 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006211.D
Acq: 19 Oct 2018 08:39

Tgt Ion: 65 Resp: 77550
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.0

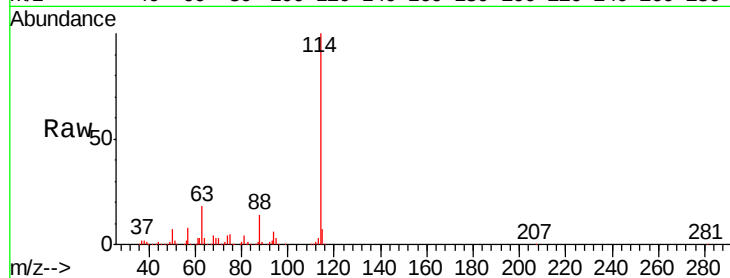




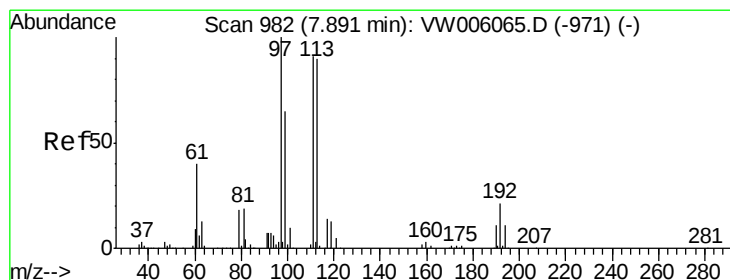
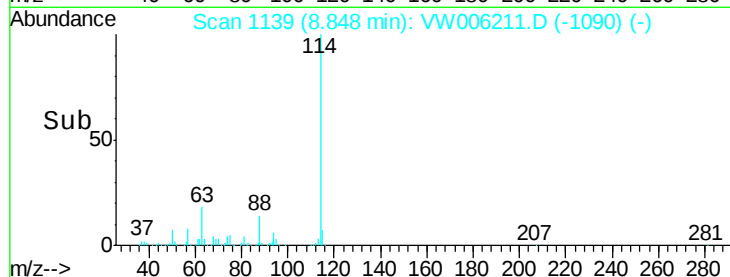
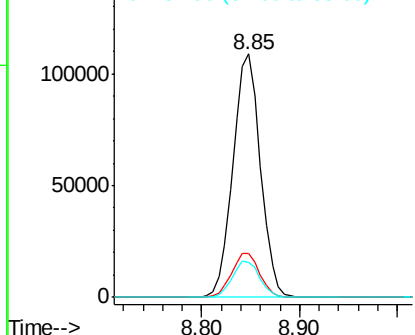
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006211.D
 Acq: 19 Oct 2018 08:39

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-101818-B

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	14.5	0.0	29.0

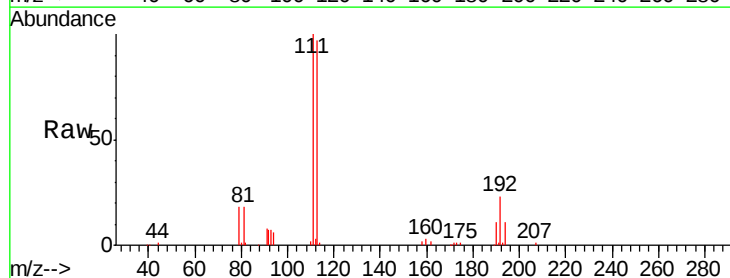


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

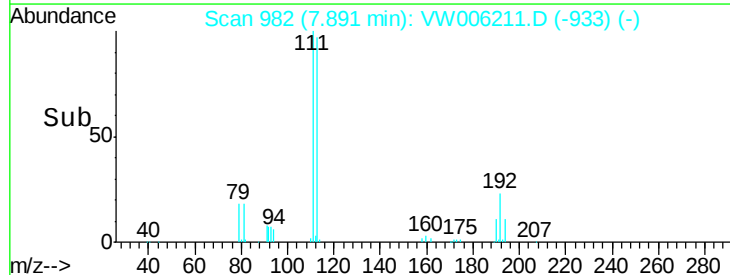
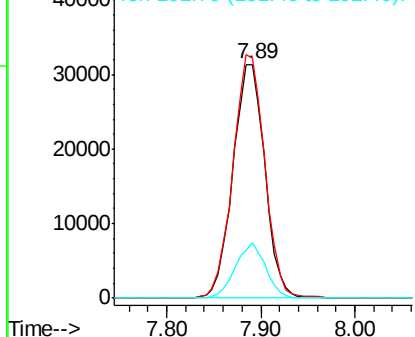


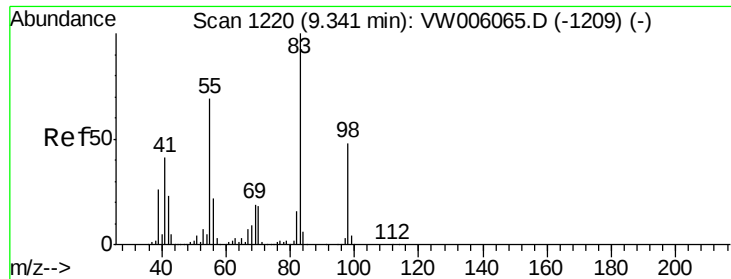
#35
 Dibromofluoromethane
 Concen: 59.02 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006211.D
 Acq: 19 Oct 2018 08:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.0
192	22.5	18.7	28.1



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

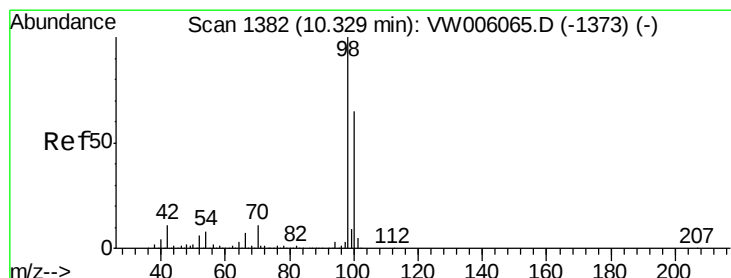
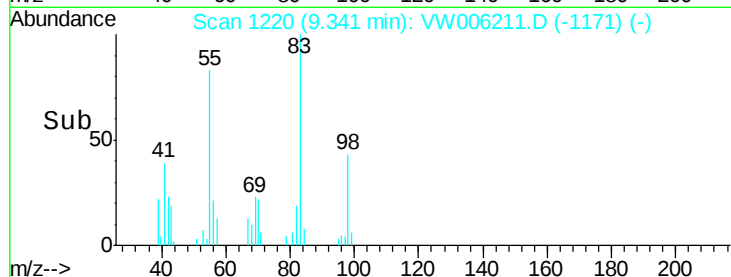
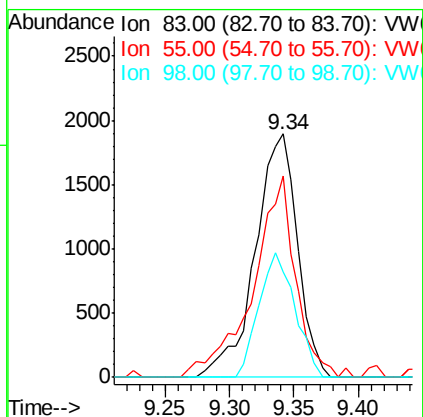
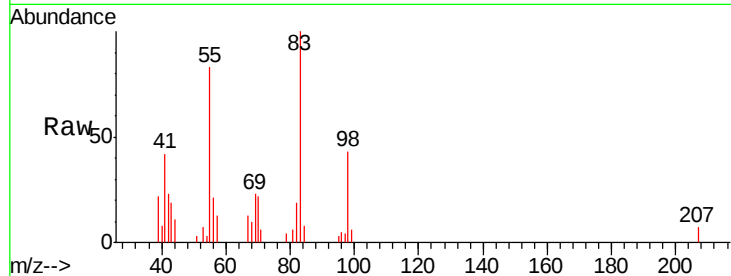




#39
Methylcyclohexane
Concen: 1.66 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006211.D
Acq: 19 Oct 2018 08:39

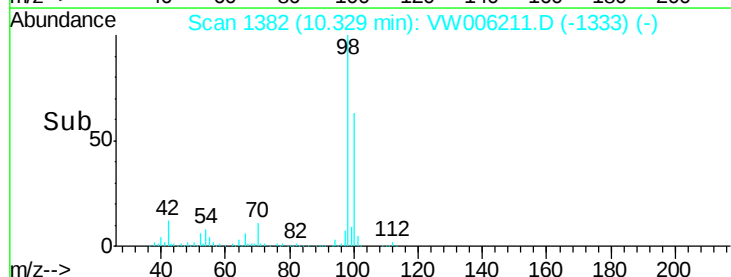
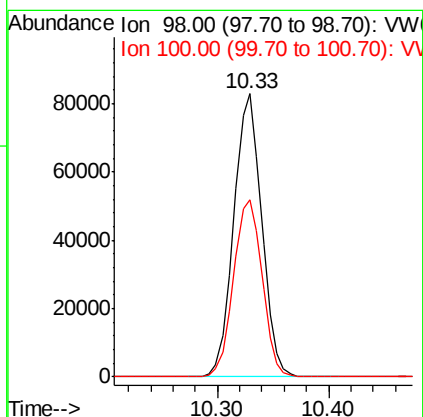
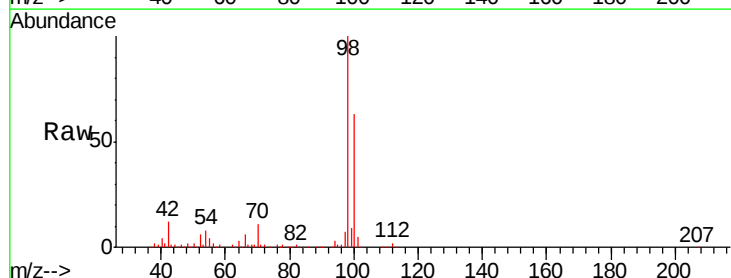
Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

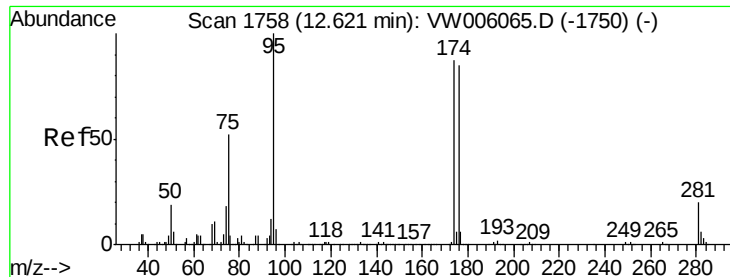
Tgt Ion: 83 Resp: 4315
Ion Ratio Lower Upper
83 100
55 82.9 55.0 82.6#
98 43.5 38.6 57.8



#50
Toluene-d8
Concen: 30.22 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006211.D
Acq: 19 Oct 2018 08:39

Tgt Ion: 98 Resp: 144116
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

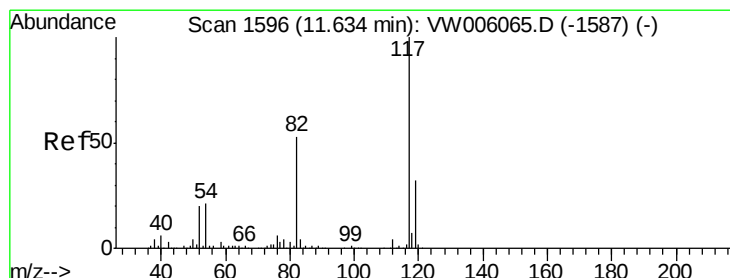
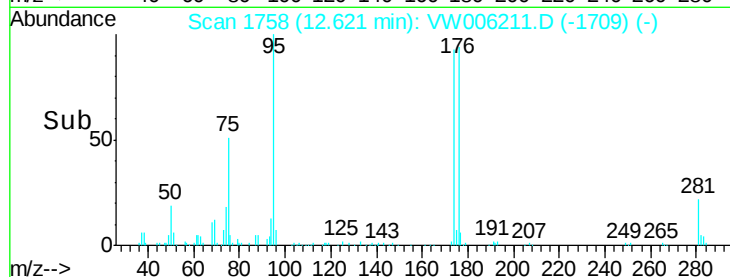
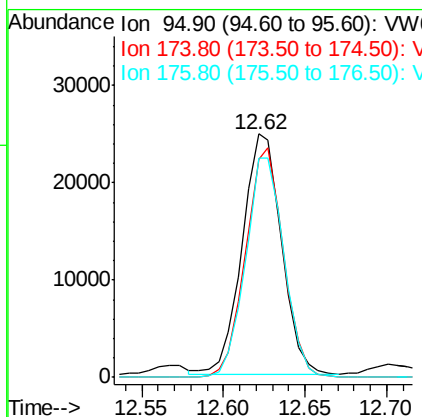
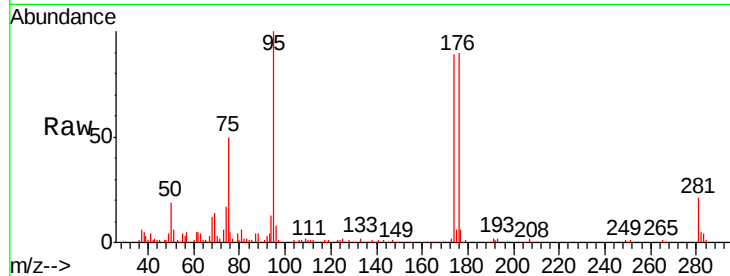




#62
4-Bromofluorobenzene
Concen: 23.05 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006211.D
Acq: 19 Oct 2018 08:39

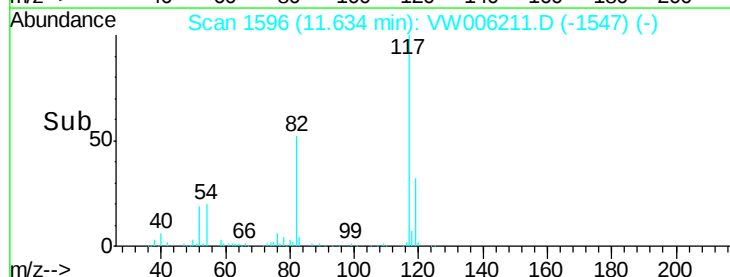
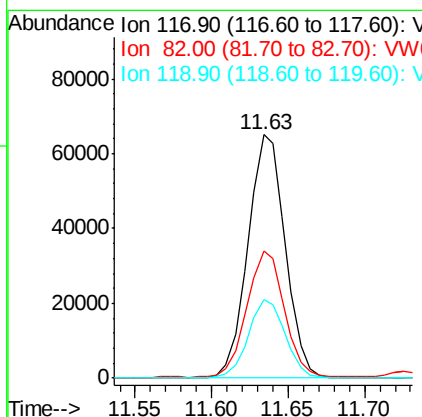
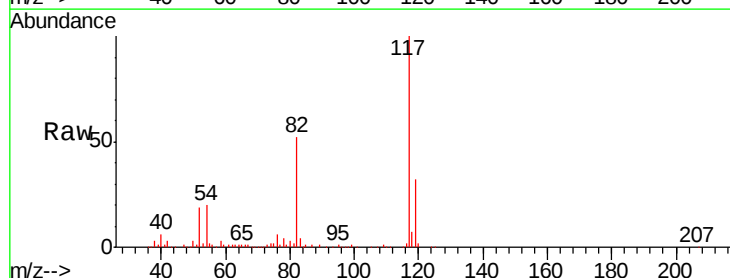
Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-B

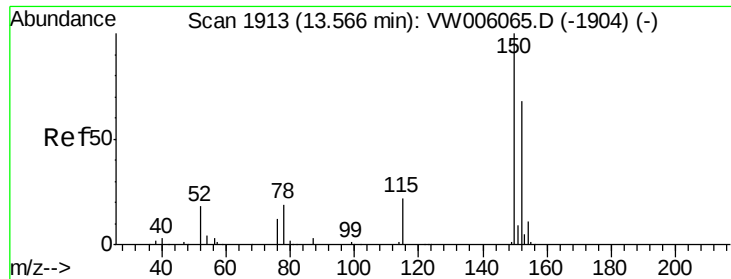
Tgt Ion: 95 Resp: 41286
Ion Ratio Lower Upper
95 100
174 91.9 0.0 186.0
176 89.8 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006211.D
Acq: 19 Oct 2018 08:39

Tgt Ion: 117 Resp: 109952
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006211.D

Acq: 19 Oct 2018 08:39

Instrument :

MSVOA_W

ClientSampleId :

JC-02-101818-B

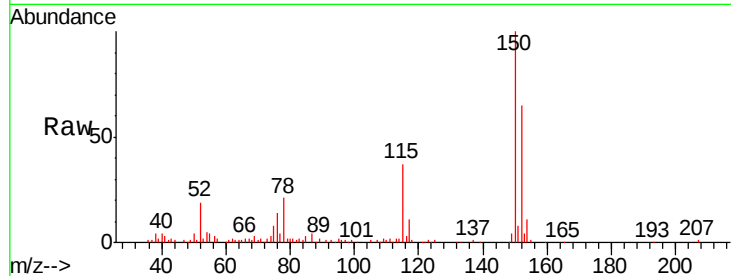
Tgt Ion:152 Resp: 26967

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.3

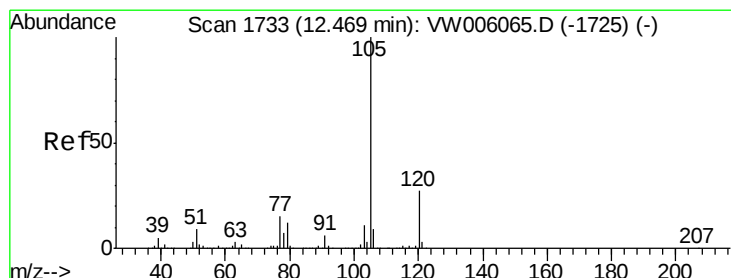
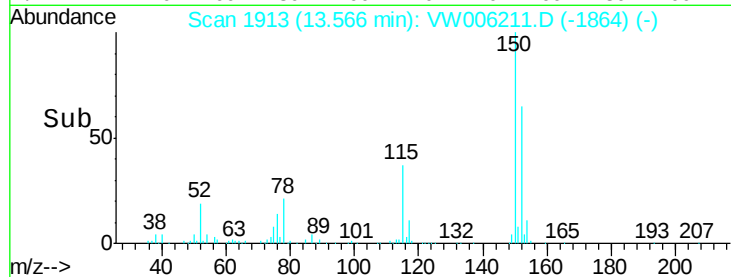
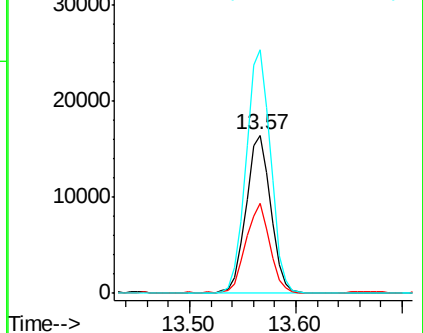
150 152.5 0.0 349.2



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: 4.35 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006211.D

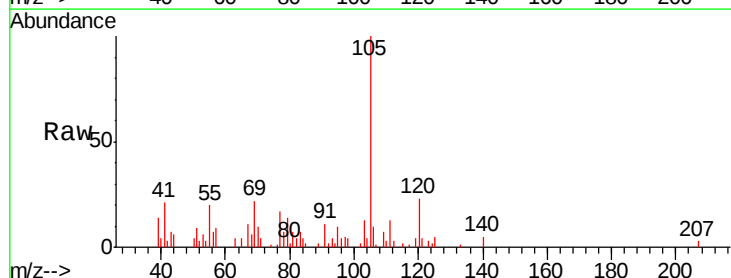
Acq: 19 Oct 2018 08:39

Tgt Ion:105 Resp: 8292

Ion Ratio Lower Upper

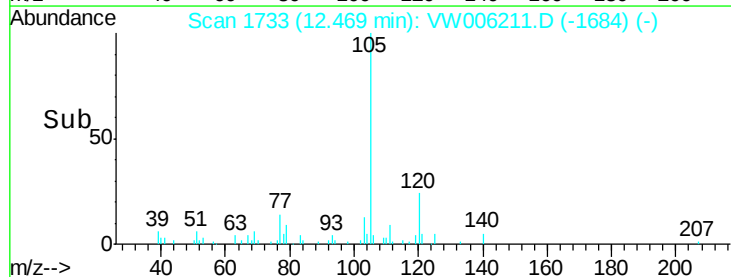
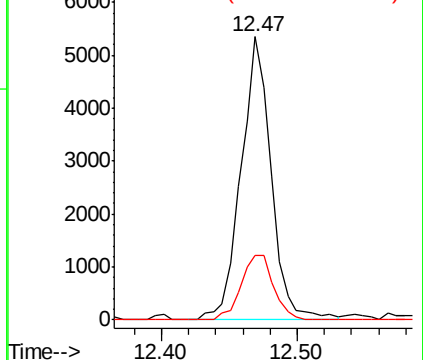
105 100

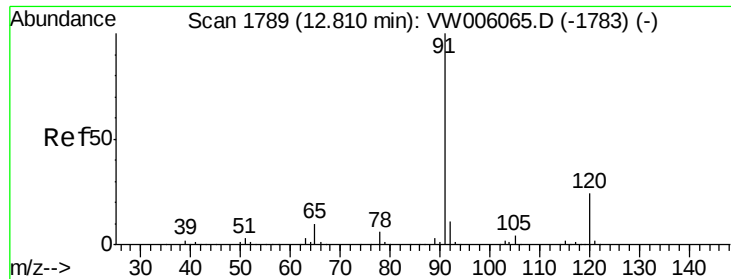
120 24.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.77 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006211.D

Acq: 19 Oct 2018 08:39

Instrument :

MSVOA_W

ClientSampleId :

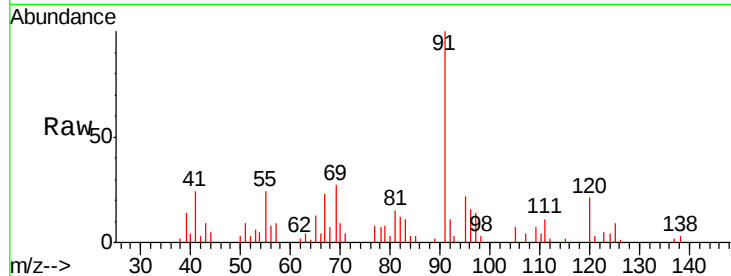
JC-02-101818-B

Tgt Ion: 91 Resp: 6135

Ion Ratio Lower Upper

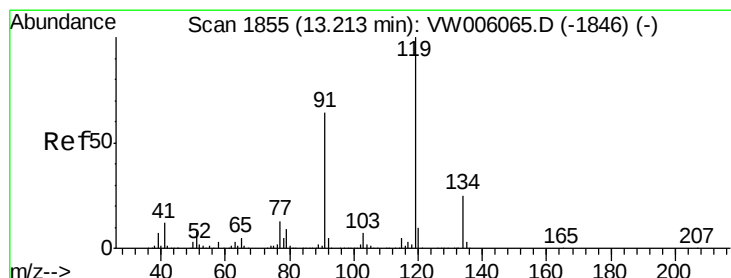
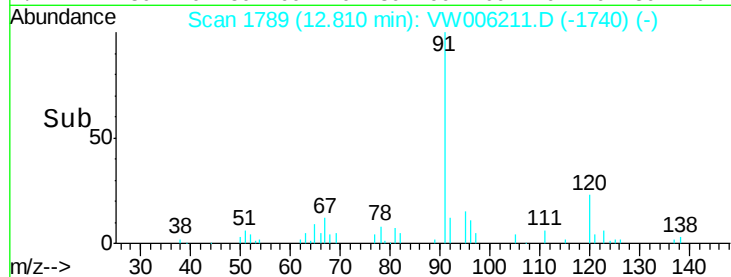
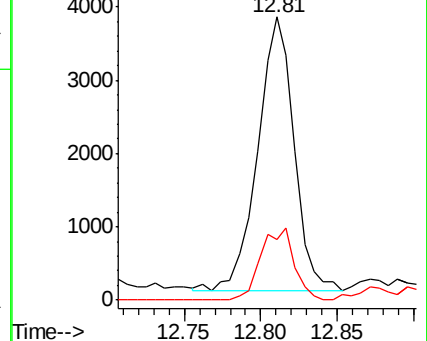
91 100

120 24.2 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 1.34 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006211.D

Acq: 19 Oct 2018 08:39

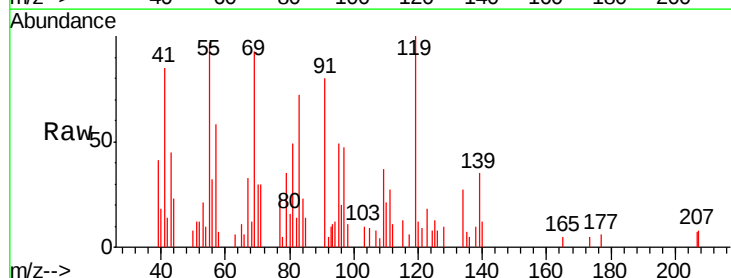
Tgt Ion: 119 Resp: 1929

Ion Ratio Lower Upper

119 100

91 68.2 32.3 96.9

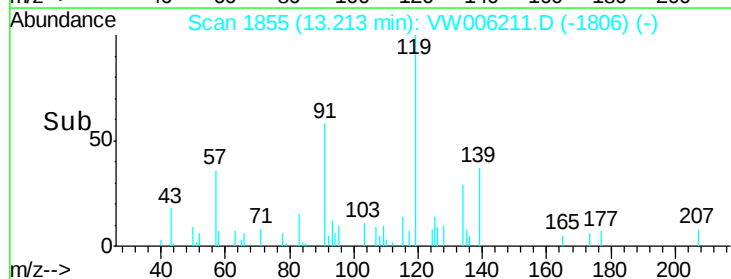
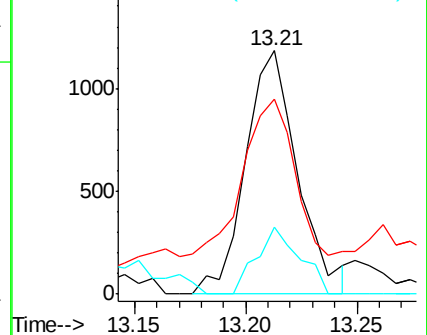
134 22.8 13.6 40.8

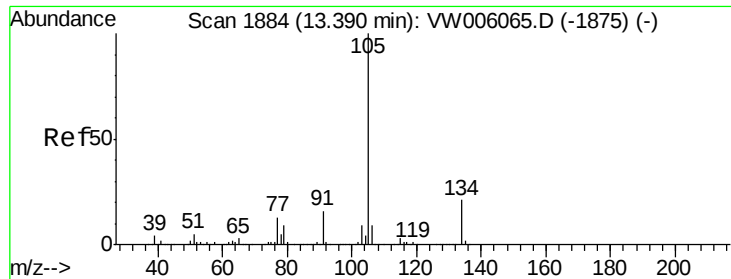


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

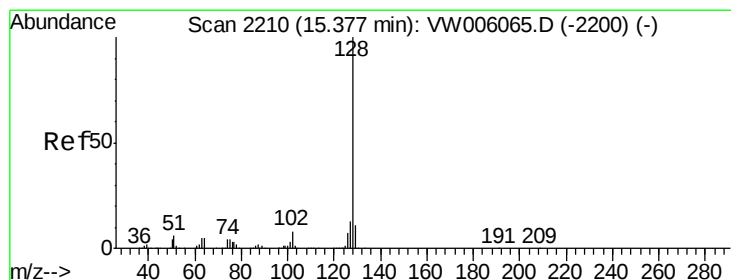
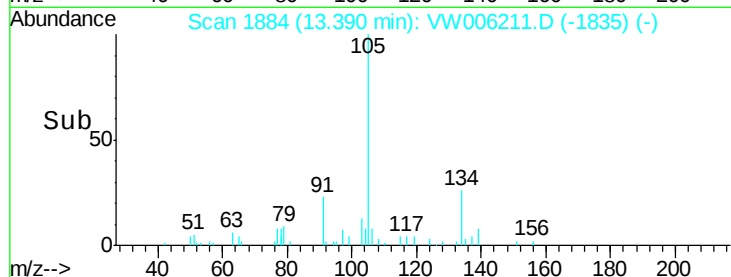
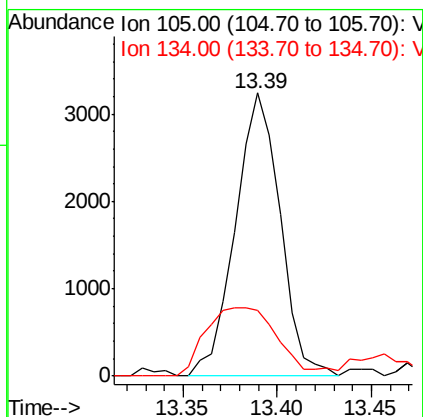
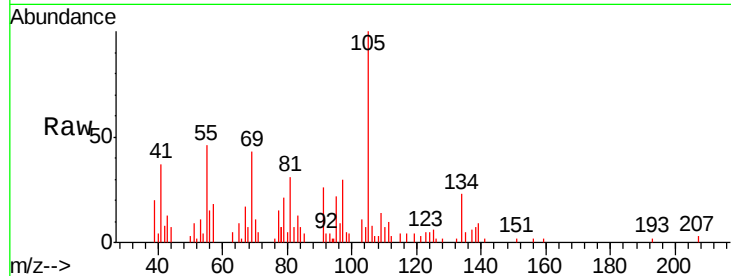




#85
 sec-Butylbenzene
 Concen: 2.63 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006211.D
 Acq: 19 Oct 2018 08:39

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-101818-B

Tgt Ion:105 Resp: 5345
 Ion Ratio Lower Upper
 105 100
 134 38.3 10.5 31.6#



#95
 Naphthalene
 Concen: 1.10 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006211.D
 Acq: 19 Oct 2018 08:39

Tgt Ion:128 Resp: 1168
 Ion Ratio Lower Upper
 128 100
 127 14.8 10.3 15.5
 129 3.3 8.7 13.1#

