

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005281.D
 Acq On : 11 Sep 2018 17:35
 Operator : SY/AP
 Sample : J4777-05
 Misc : 6.89G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-C

Quant Time: Sep 12 01:23:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	552432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	866237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	892699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	471257	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	203681	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
35) Dibromofluoromethane	7.89	113	184644	40.69	ug/l	0.00
Spiked Amount			Recovery	=	81.38%	
50) Toluene-d8	10.33	98	905763	39.50	ug/l	0.00
Spiked Amount			Recovery	=	79.00%	
62) 4-Bromofluorobenzene	12.62	95	357271	42.60	ug/l	0.00
Spiked Amount			Recovery	=	85.20%	

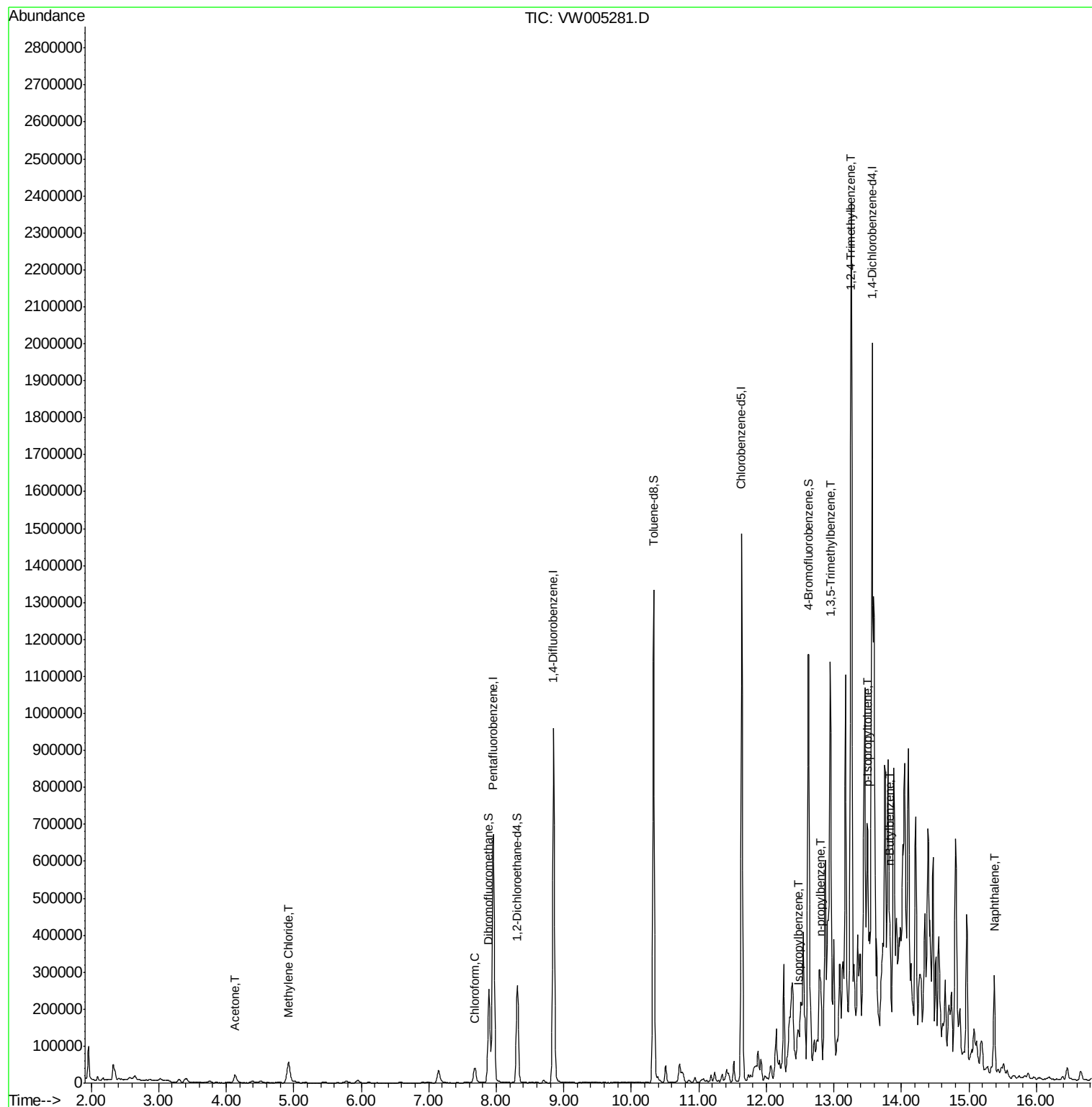
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	36916	48.27	ug/l	98
20) Methylene Chloride	4.93	84	47607	5.44	ug/l	95
30) Chloroform	7.68	83	38070	4.58	ug/l	95
73) Isopropylbenzene	12.47	105	35224	1.06	ug/l	100
78) n-propylbenzene	12.81	91	135574	3.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	318427	11.23	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1296933	45.52	ug/l	99
86) p-Isopropyltoluene	13.51	119	105021	3.33	ug/l	99
89) n-Butylbenzene	13.83	91	201714	6.80	ug/l #	69
95) Naphthalene	15.38	128	236899	14.27	ug/l	99

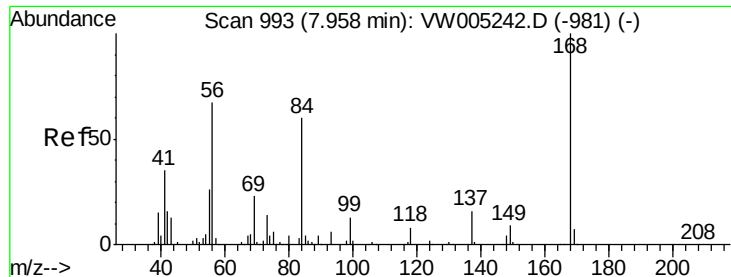
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005281.D
Acq On : 11 Sep 2018 17:35
Operator : SY/AP
Sample : J4777-05
Misc : 6.89G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-C

Quant Time: Sep 12 01:23:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005281.D

Acq: 11 Sep 2018 17:35

Instrument :

MSVOA_W

ClientSampled :

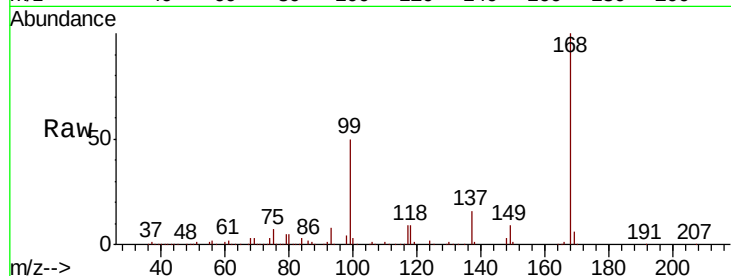
PL-05-090718-C

Tot Ion:168 Resp: 552432

Ion Ratio Lower Upper

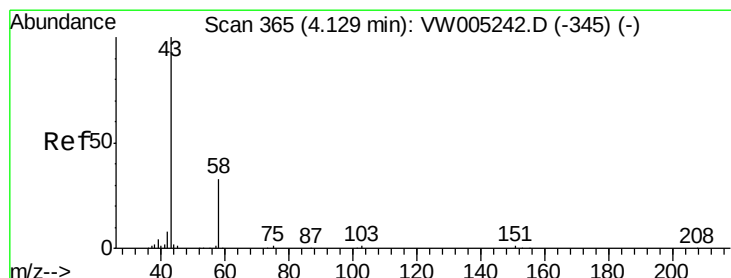
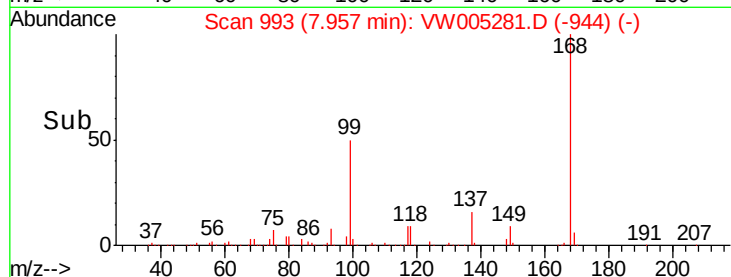
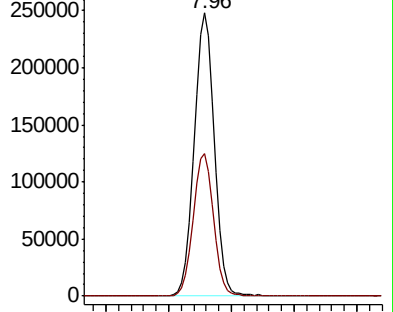
168 100

99 50.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 48.27 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005281.D

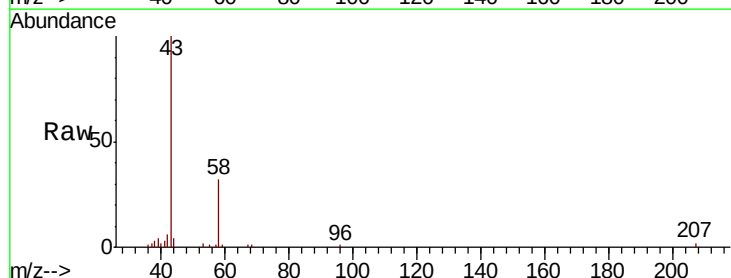
Acq: 11 Sep 2018 17:35

Tgt Ion: 43 Resp: 36916

Ion Ratio Lower Upper

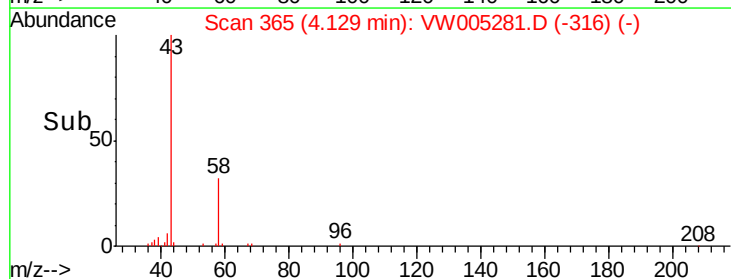
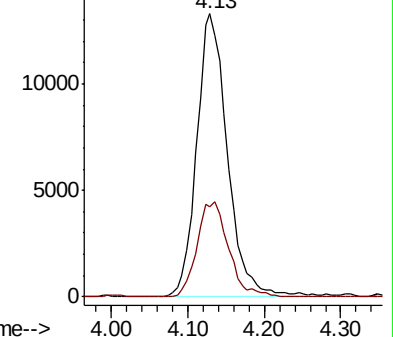
43 100

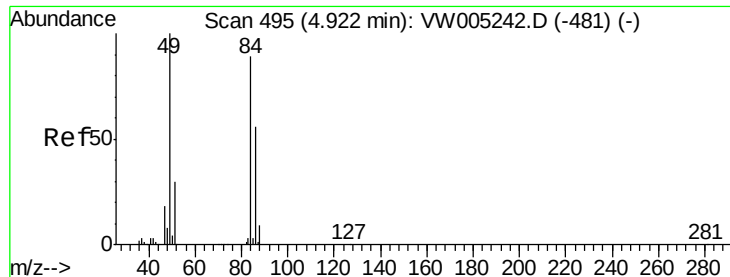
58 32.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

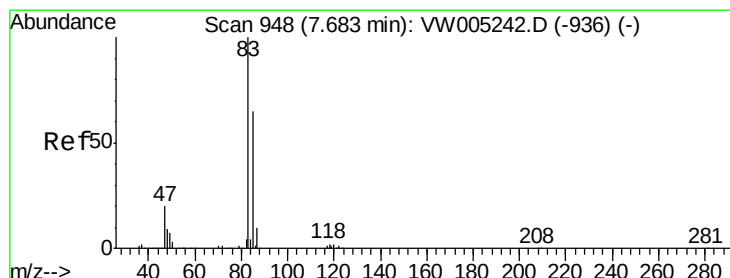
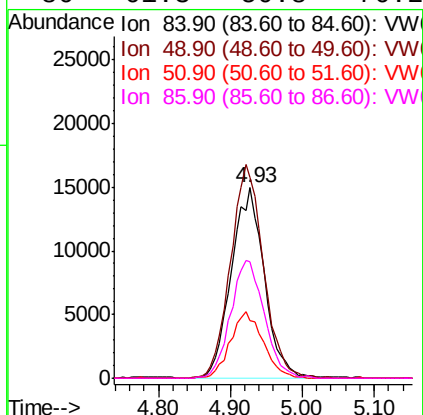
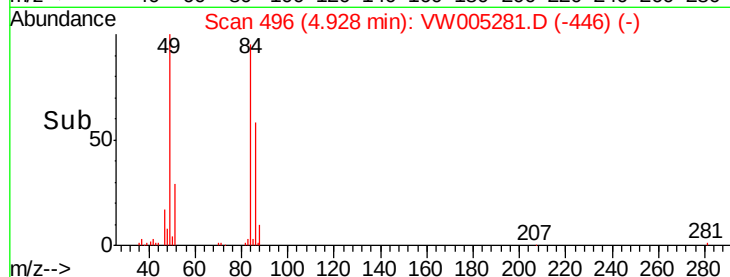
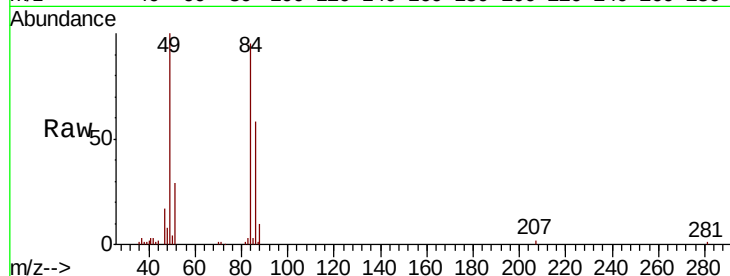




#20
Methylene Chloride
Concen: 5.44 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005281.D
Acq: 11 Sep 2018 17:35

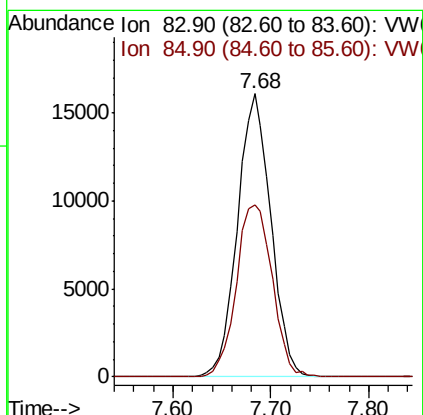
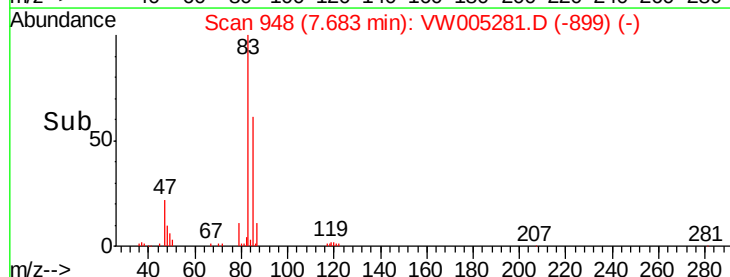
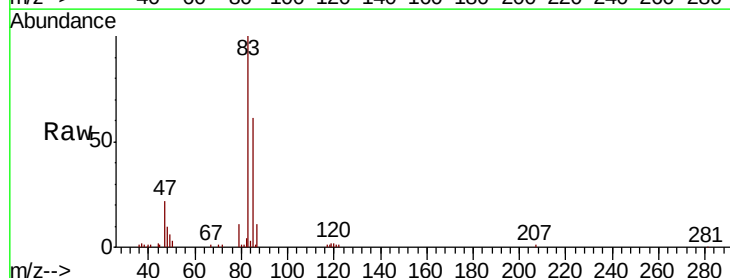
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-C

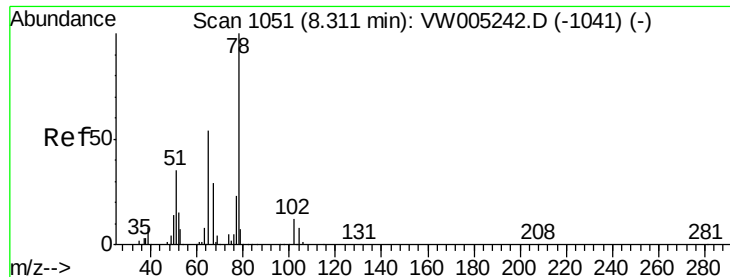
Tot Ion: 84 Resp: 47607
Ion Ratio Lower Upper
84 100
49 105.6 90.3 135.5
51 30.5 26.9 40.3
86 61.3 50.8 76.2



#30
Chloroform
Concen: 4.58 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005281.D
Acq: 11 Sep 2018 17:35

Tgt Ion: 83 Resp: 38070
Ion Ratio Lower Upper
83 100
85 60.8 51.7 77.5

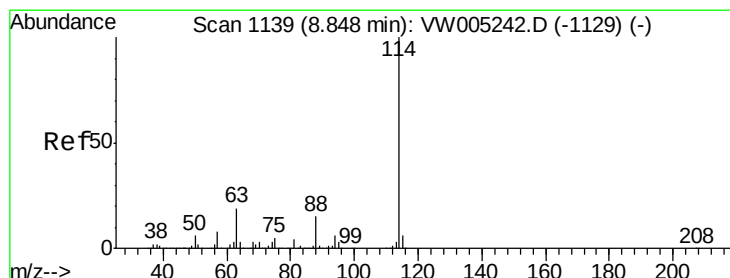
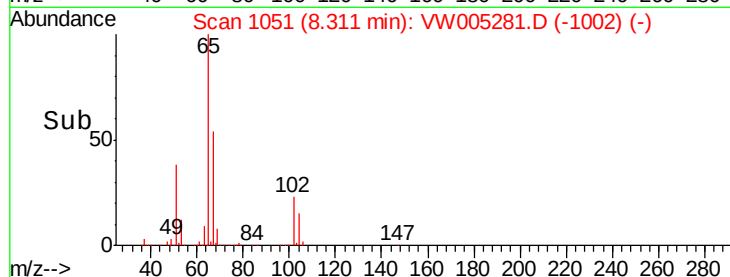
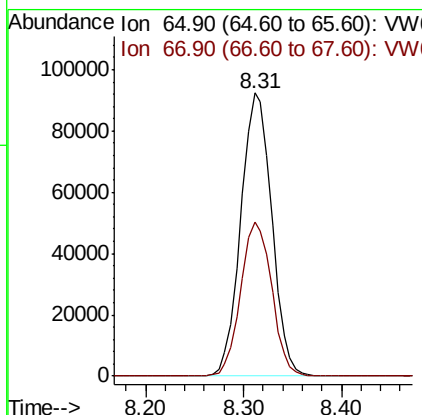
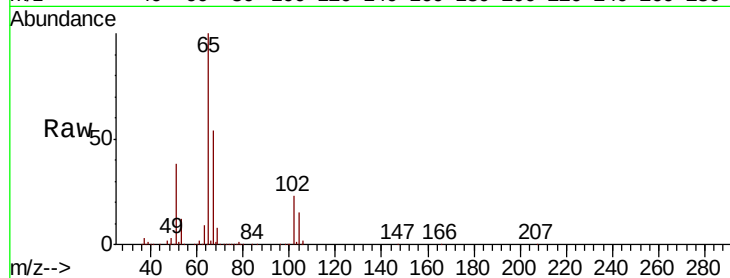




#33
 1,2-Dichloroethane-d4
 Concen: 49.43 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005281.D
 Acq: 11 Sep 2018 17:35

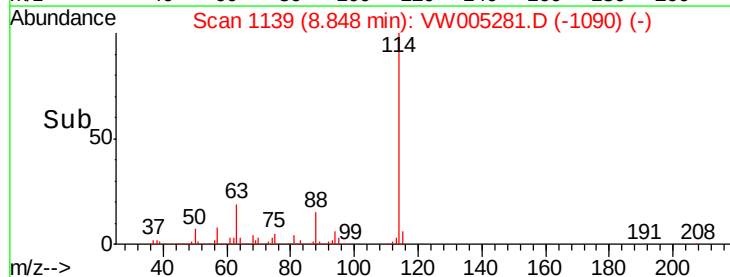
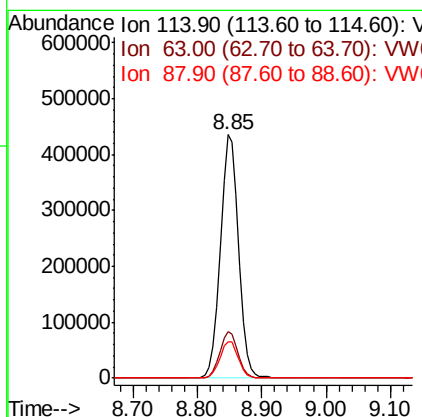
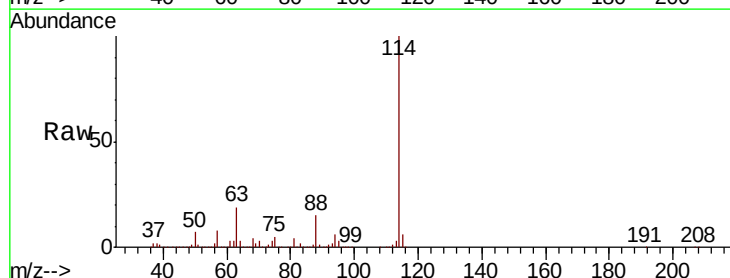
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-C

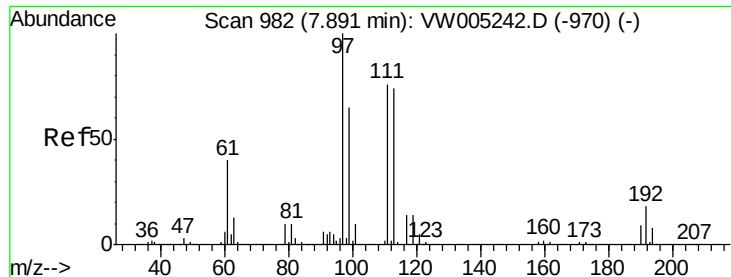
Tot Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	112.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005281.D
 Acq: 11 Sep 2018 17:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.0
88	15.1	0.0	30.4

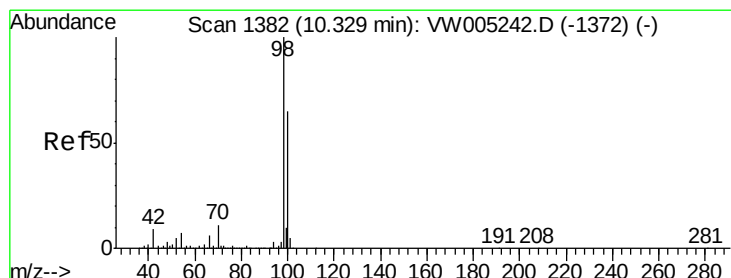
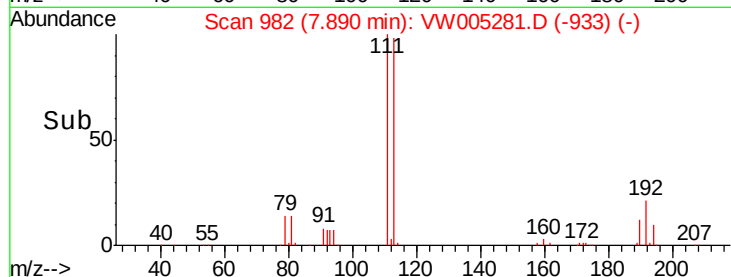
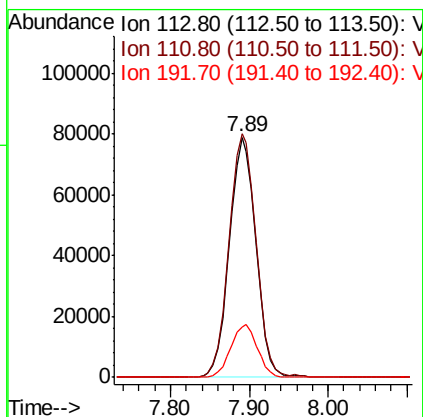
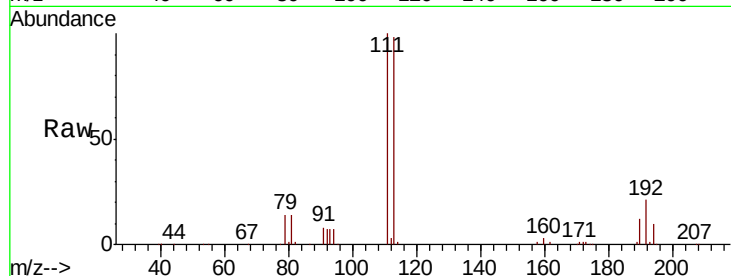




#35
Dibromofluoromethane
Concen: 40.69 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005281.D
Acq: 11 Sep 2018 17:35

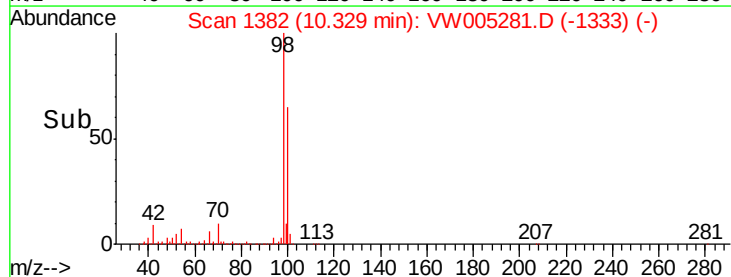
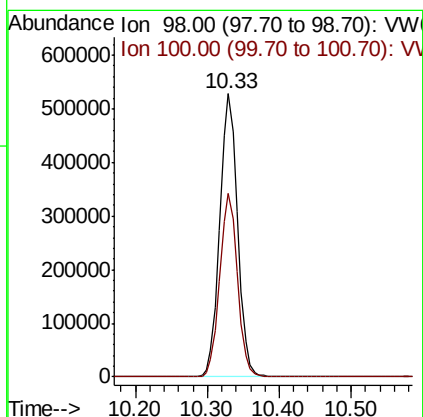
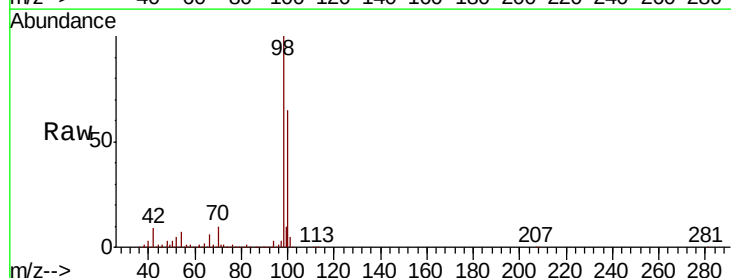
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-C

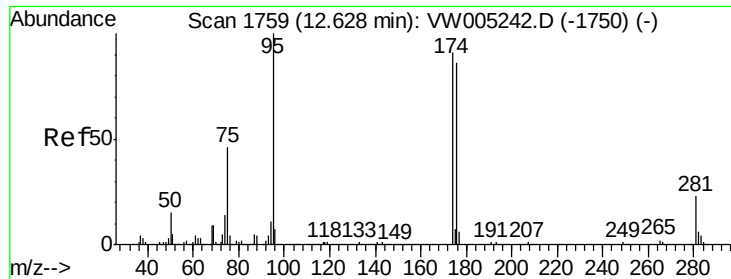
Tot Ion:113 Resp: 184644
Ion Ratio Lower Upper
113 100
111 103.4 80.6 121.0
192 22.2 18.3 27.5



#50
Toluene-d8
Concen: 39.50 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005281.D
Acq: 11 Sep 2018 17:35

Tgt Ion: 98 Resp: 905763
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

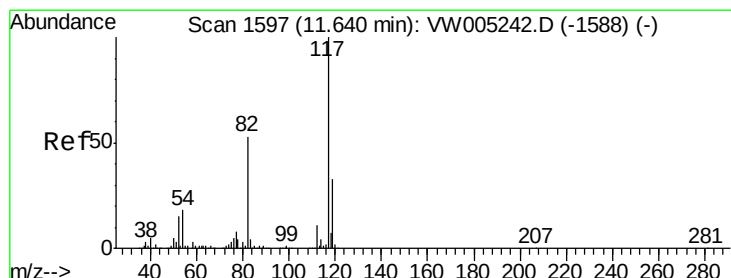
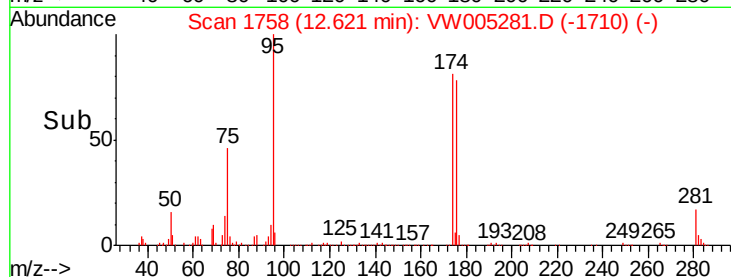
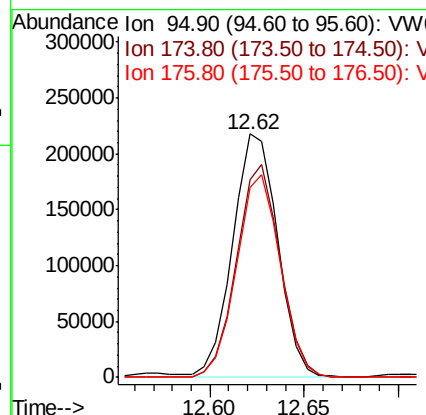
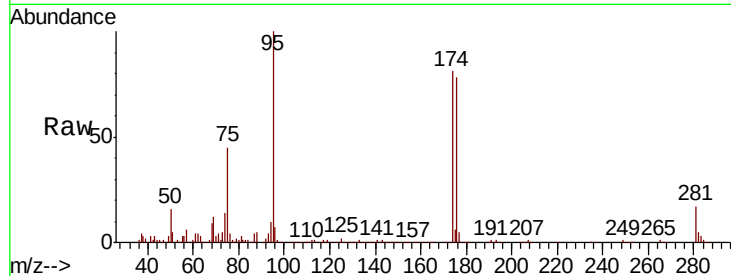




#62
4-Bromofluorobenzene
Concen: 42.60 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005281.D
Acq: 11 Sep 2018 17:35

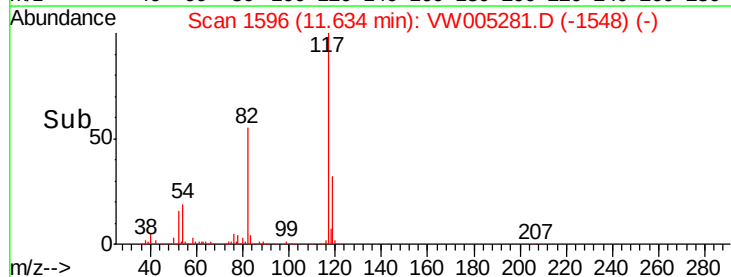
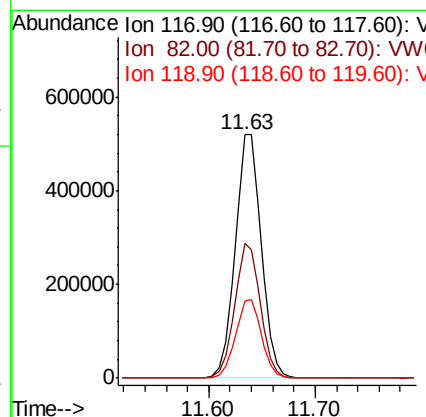
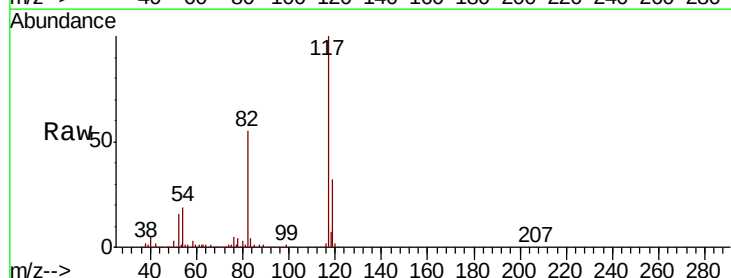
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-C

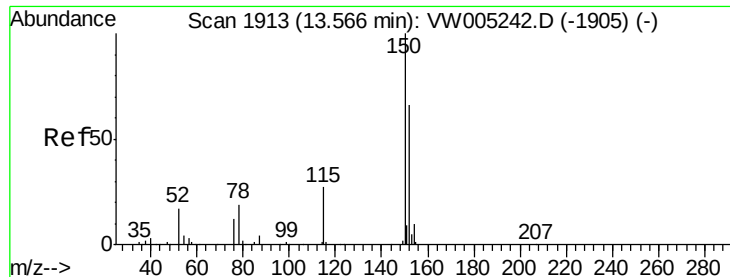
Tot Ion: 95 Resp: 357271
Ion Ratio Lower Upper
95 100
174 85.3 0.0 174.6
176 82.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005281.D
Acq: 11 Sep 2018 17:35

Tgt Ion: 117 Resp: 892699
Ion Ratio Lower Upper
117 100
82 55.1 42.6 63.8
119 31.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005281.D

Acq: 11 Sep 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-C

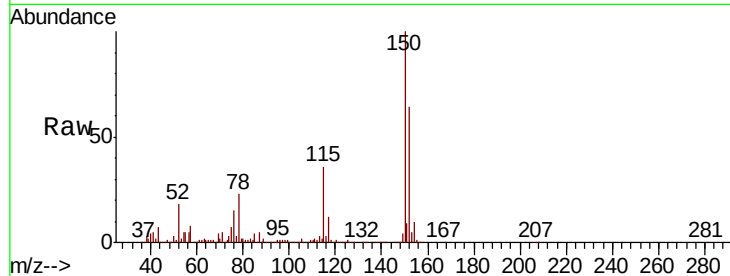
Tot Ion:152 Resp: 471257

Ion Ratio Lower Upper

152 100

115 61.2 27.5 82.4

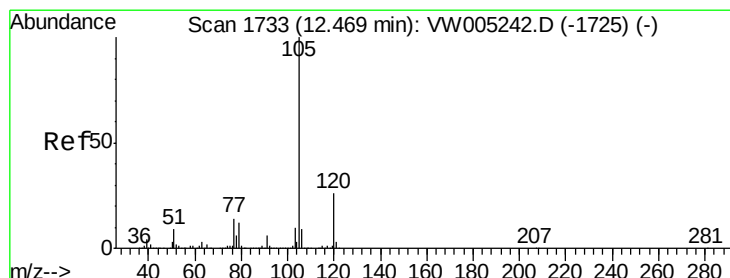
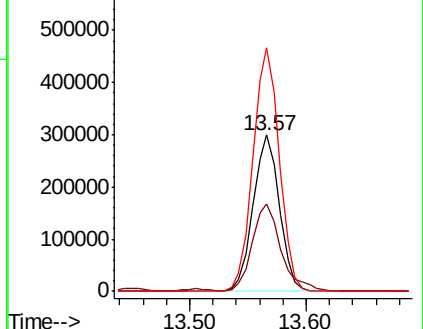
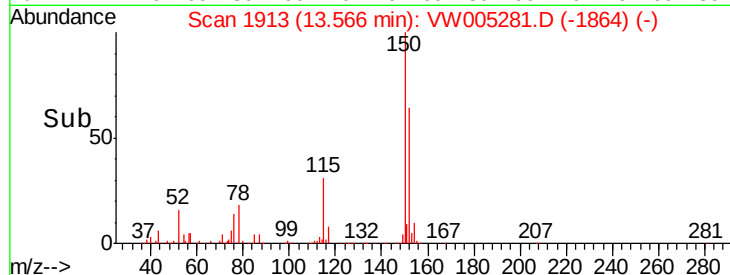
150 155.8 0.0 347.4



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: 1.06 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005281.D

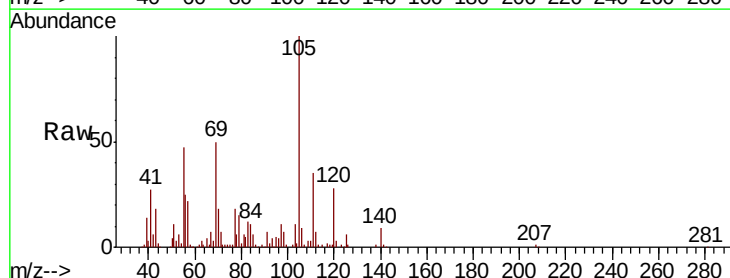
Acq: 11 Sep 2018 17:35

Tgt Ion:105 Resp: 35224

Ion Ratio Lower Upper

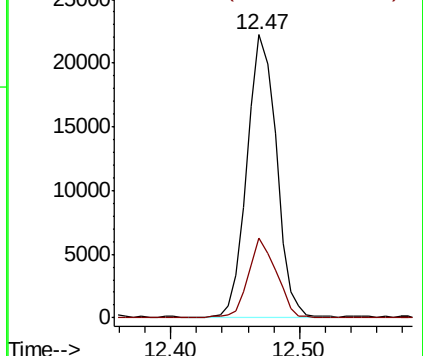
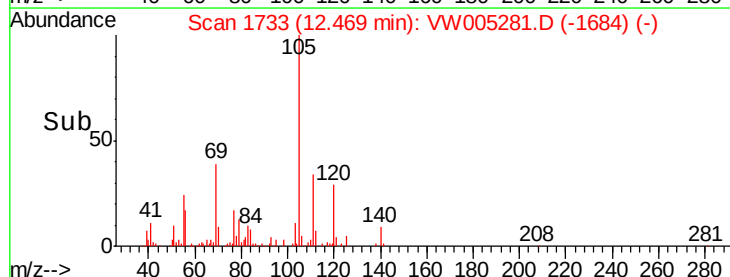
105 100

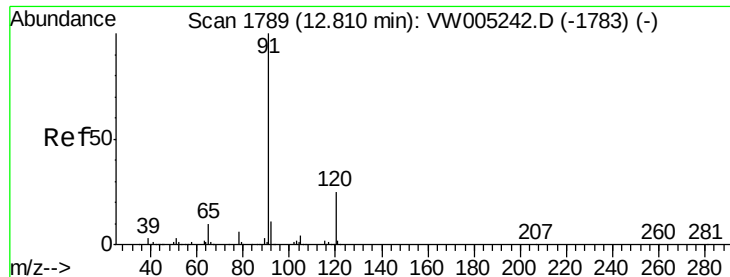
120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.39 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005281.D

Acq: 11 Sep 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

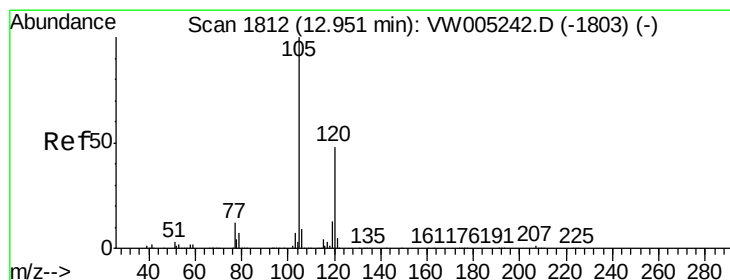
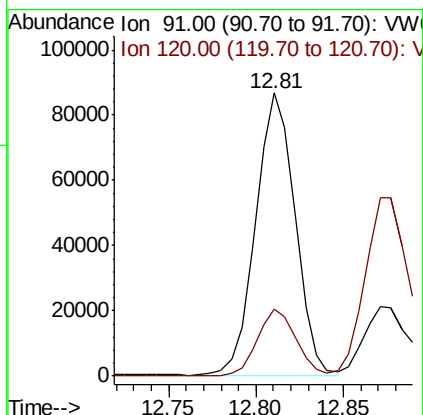
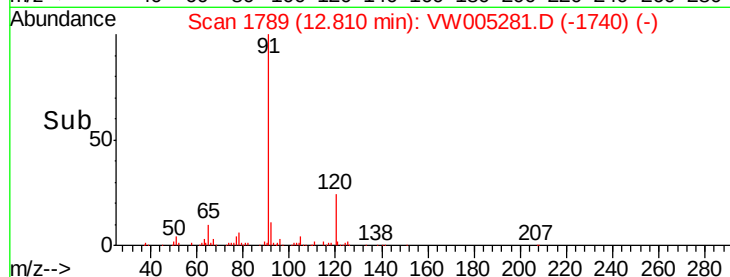
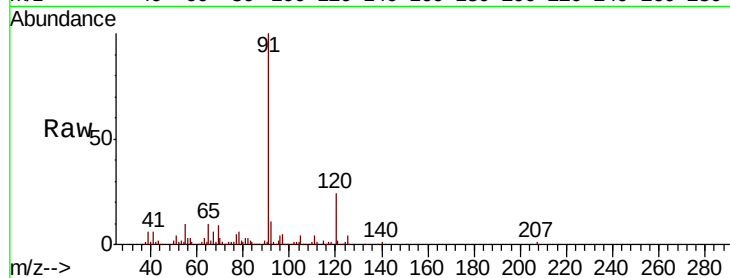
PL-05-090718-C

Tot Ion: 91 Resp: 135574

Ion Ratio Lower Upper

91 100

120 23.4 12.0 36.0



#80

1,3,5-Trimethylbenzene

Concen: 11.23 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005281.D

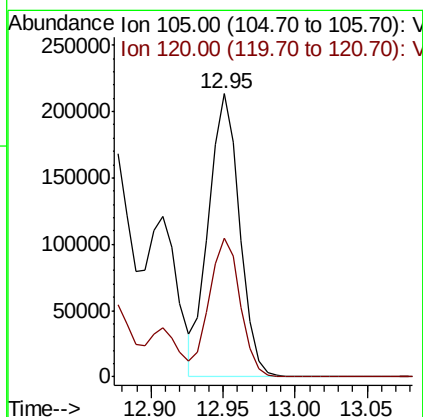
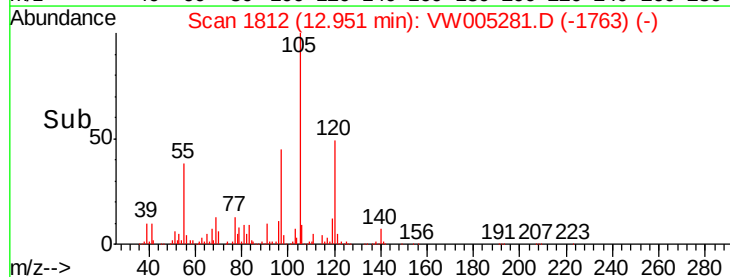
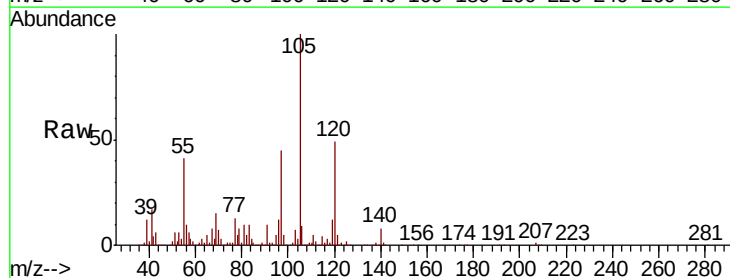
Acq: 11 Sep 2018 17:35

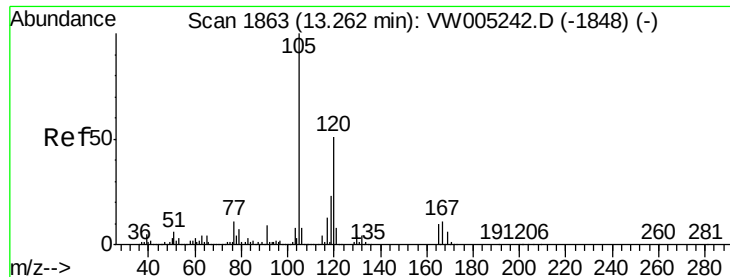
Tgt Ion: 105 Resp: 318427

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4

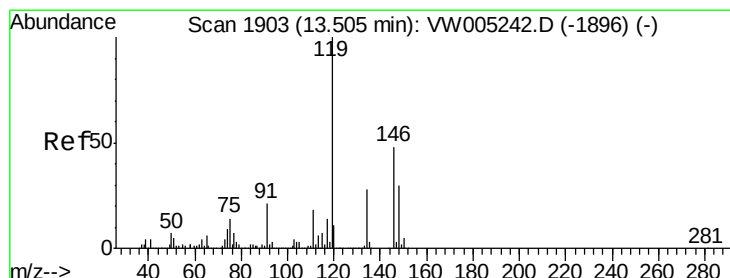
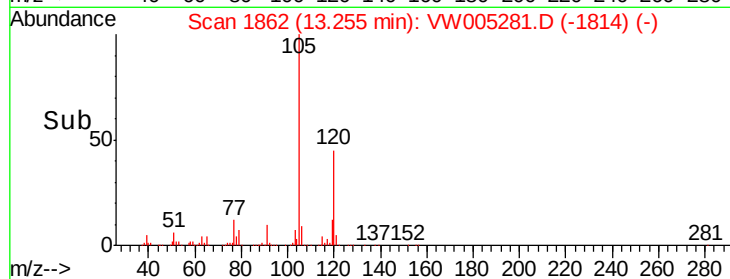
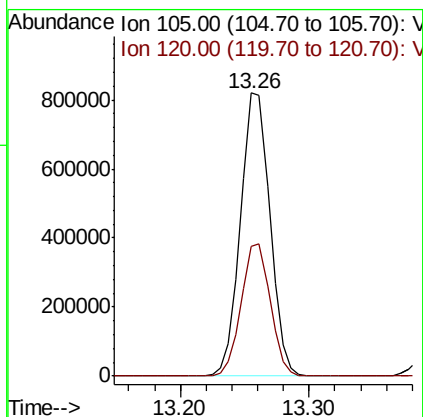
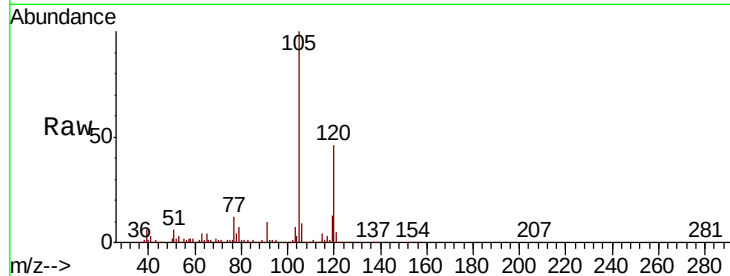




#84
 1,2,4-Trimethylbenzene
 Concen: 45.52 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005281.D
 Acq: 11 Sep 2018 17:35

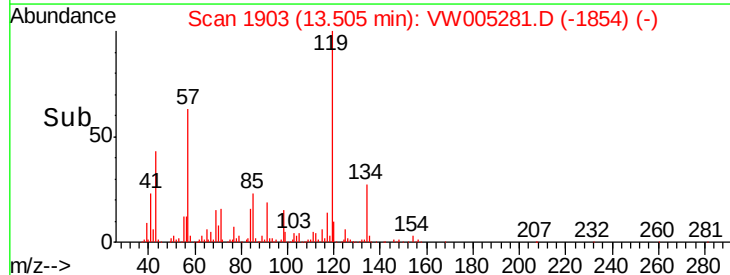
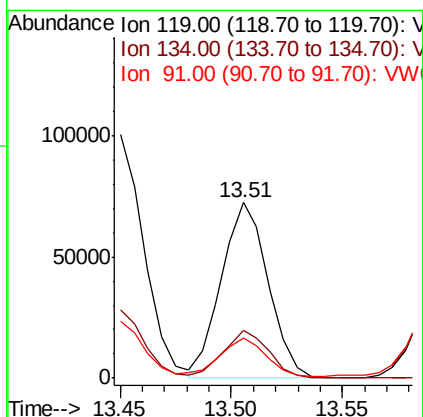
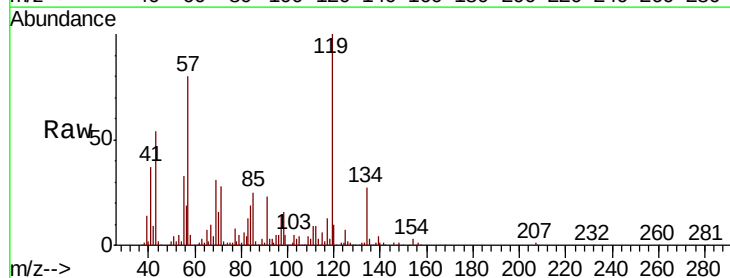
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-C

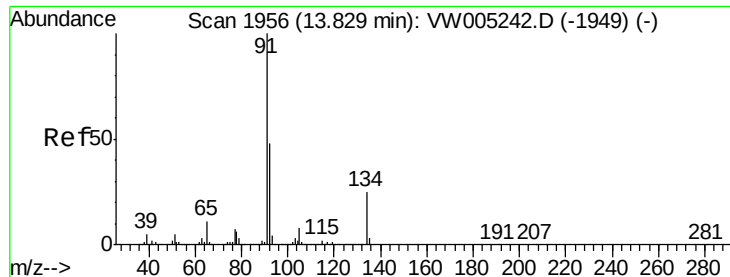
Tot Ion:105 Resp: 1296933
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.3



#86
 p-Isopropyltoluene
 Concen: 3.33 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005281.D
 Acq: 11 Sep 2018 17:35

Tgt Ion:119 Resp: 105021
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 20.9 10.7 32.1





#89

n-Butylbenzene

Concen: 6.80 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005281.D

Acq: 11 Sep 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-C

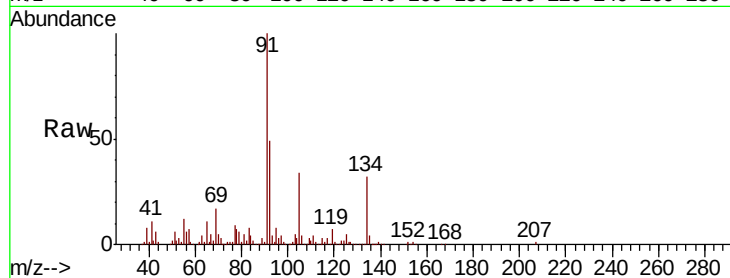
Tot Ion: 91 Resp: 201714

Ion Ratio Lower Upper

91 100

92 38.2 25.8 77.3

134 0.0 13.6 40.8#

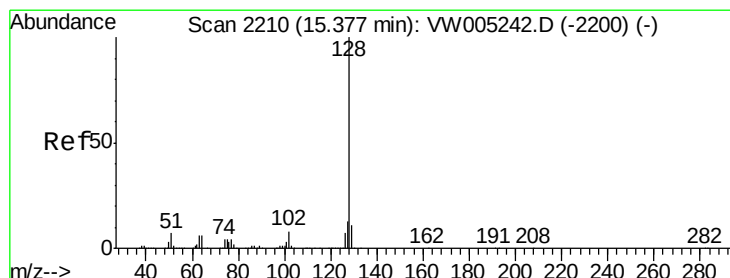
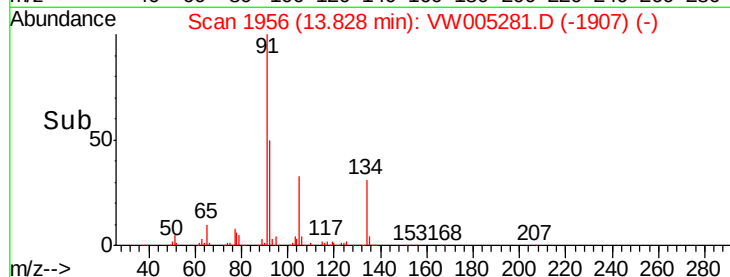
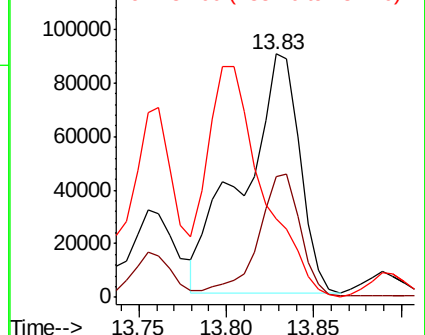


Abundance

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): VW



#95

Naphthalene

Concen: 14.27 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005281.D

Acq: 11 Sep 2018 17:35

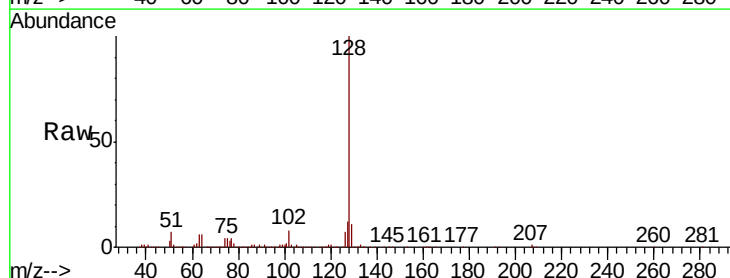
Tgt Ion: 128 Resp: 236899

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.7 8.8 13.2



Abundance

Ion 128.00 (127.70 to 128.70): VW

Ion 127.00 (126.70 to 127.70): VW

Ion 129.00 (128.70 to 129.70): VW

