

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002422.D
 Acq On : 11 May 2018 10:25
 Operator : JC/SY
 Sample : J2811-05
 Misc : 4.36G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6A

Quant Time: May 11 15:48:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	141778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	236853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	168335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	48532	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	78909	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
35) Dibromofluoromethane	7.94	113	208	0.14	ug/l	0.05
Spiked Amount			Recovery	=	0.28%	
50) Toluene-d8	10.33	98	206530	35.68	ug/l	0.00
Spiked Amount			Recovery	=	71.36%	
62) 4-Bromofluorobenzene	12.63	95	55214	26.39	ug/l	0.00
Spiked Amount			Recovery	=	52.78%	

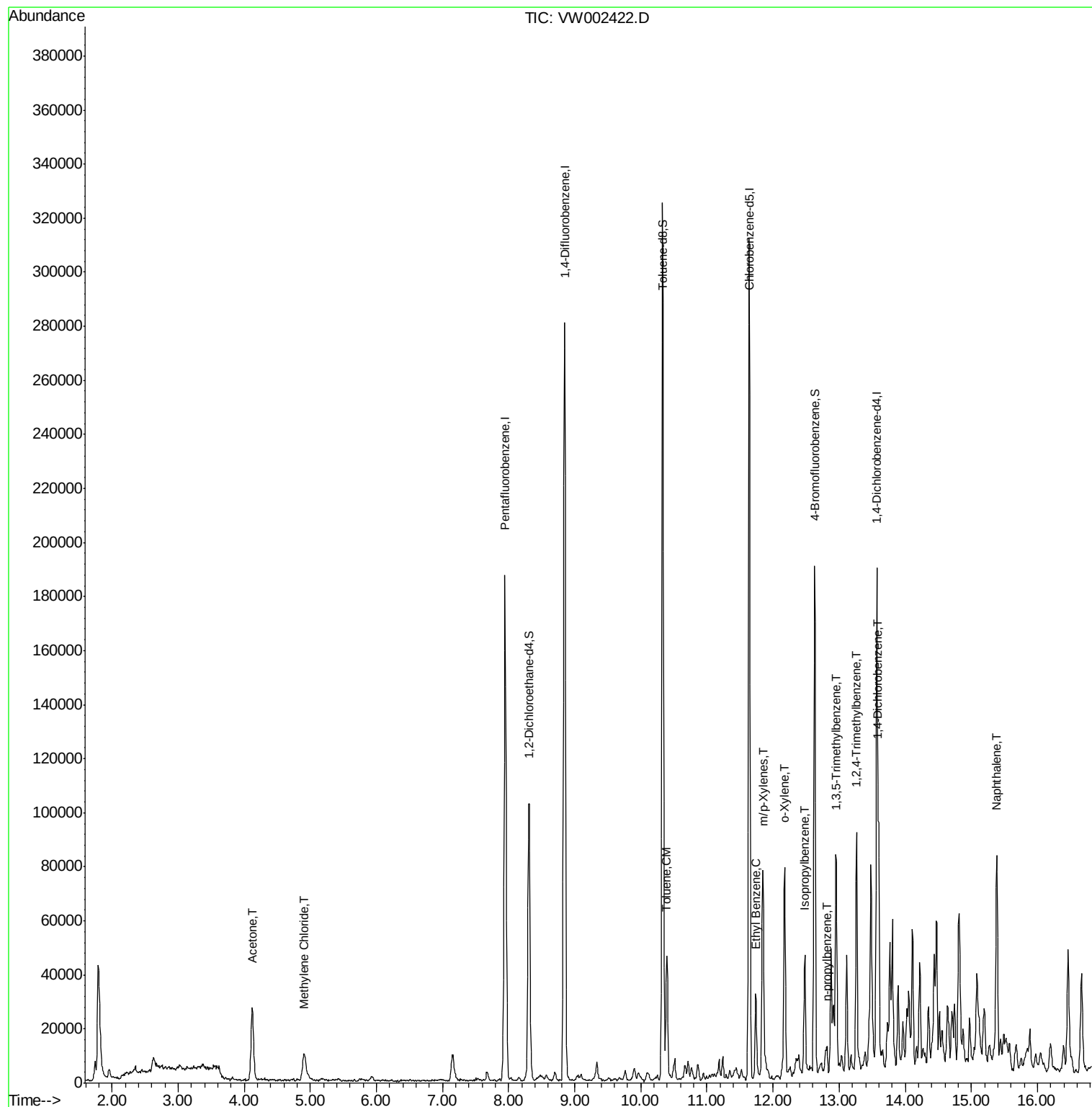
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	47140	160.32	ug/l	93
20) Methylene Chloride	4.91	84	9076	6.40	ug/l	92
52) Toluene	10.40	92	19024	4.78	ug/l	95
67) Ethyl Benzene	11.74	91	19459	3.29	ug/l	97
68) m/p-Xylenes	11.84	106	22065	9.67	ug/l	97
69) o-Xylene	12.18	106	18948	8.73	ug/l	97
73) Isopropylbenzene	12.48	105	6009	1.91	ug/l	94
78) n-propylbenzene	12.82	91	7212	1.93	ug/l	91
80) 1,3,5-Trimethylbenzene	12.96	105	34381	12.97	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	46843	17.04	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	4088	2.60	ug/l #	85
95) Naphthalene	15.38	128	65823	35.09	ug/l	99

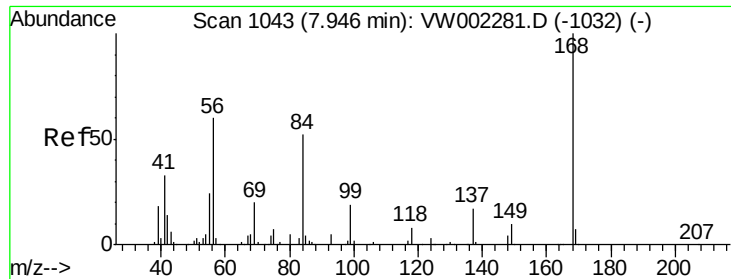
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002422.D

Acq: 11 May 2018 10:25

Instrument :

MSVOA_W

ClientSampled :

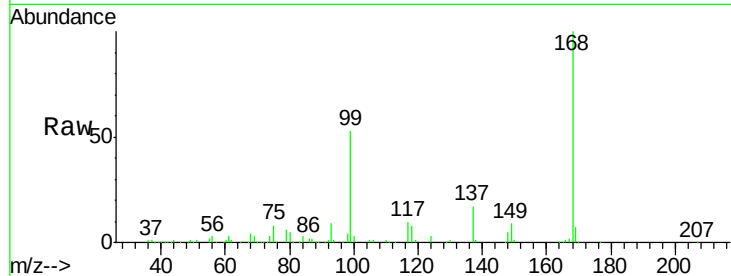
TP-6A

Tot Ion:168 Resp: 141778

Ion Ratio Lower Upper

168 100

99 52.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

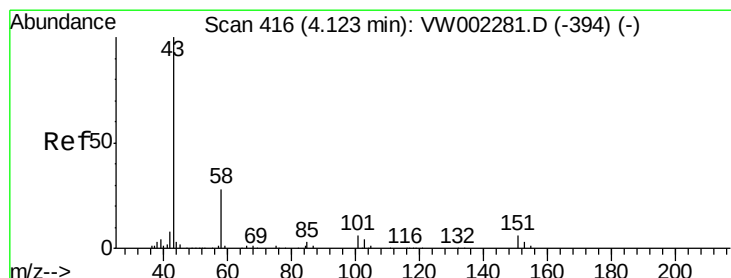
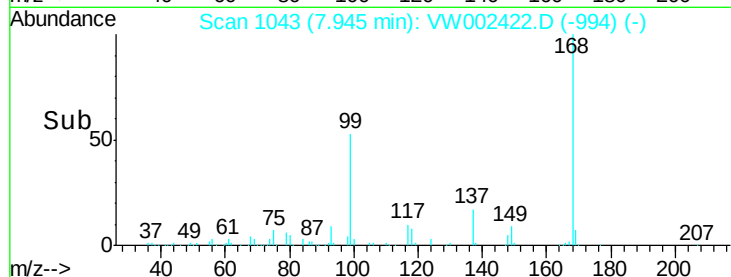
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 160.32 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002422.D

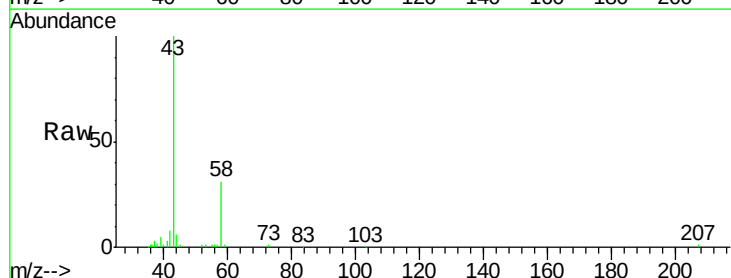
Acq: 11 May 2018 10:25

Tgt Ion: 43 Resp: 47140

Ion Ratio Lower Upper

43 100

58 31.5 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

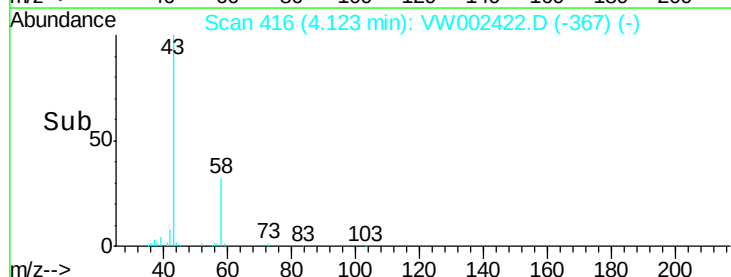
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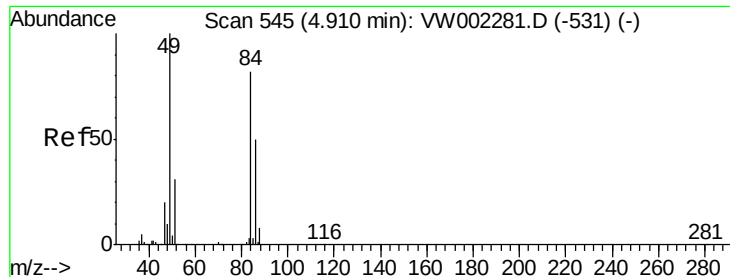
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0

4.00 4.10 4.20

Time-->

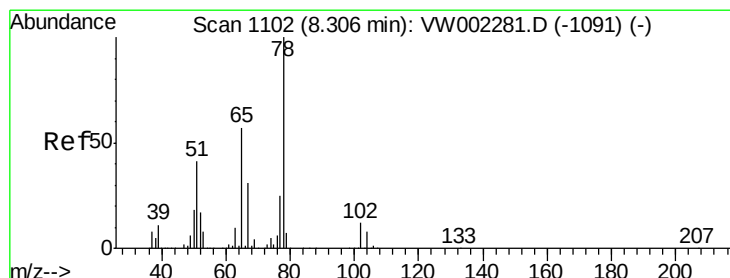
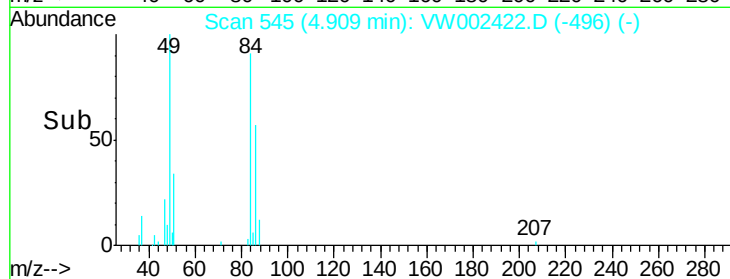
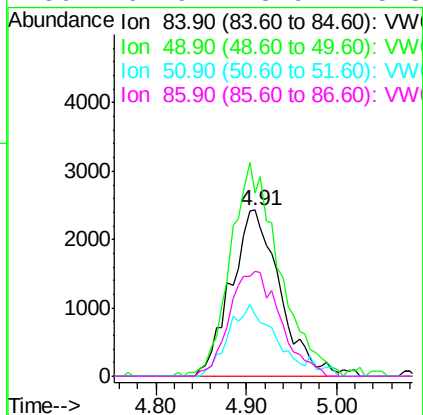
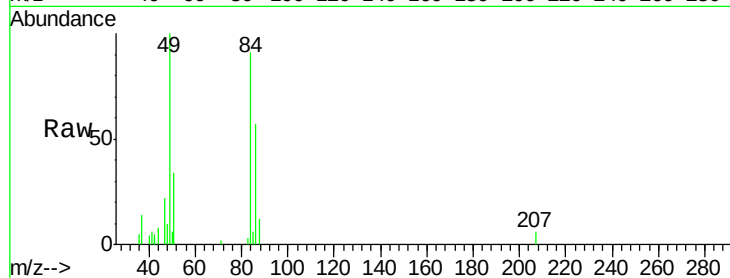




#20
Methylene Chloride
Concen: 6.40 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW002422.D
Acq: 11 May 2018 10:25

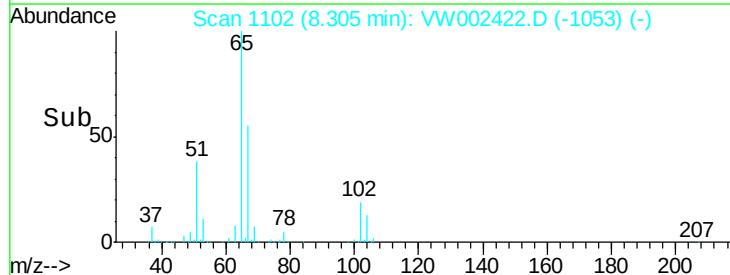
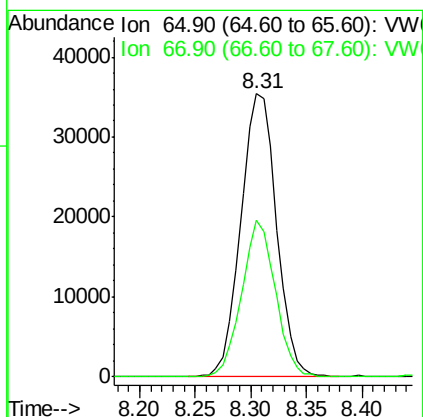
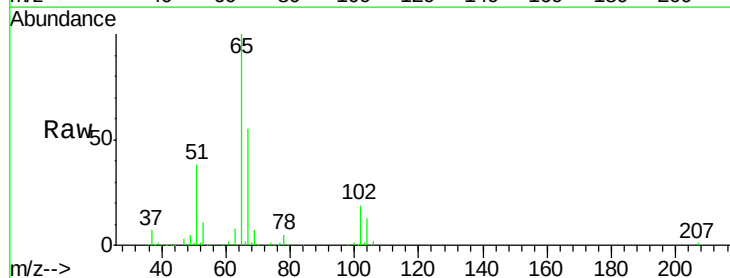
Instrument :
MSVOA_W
ClientSampleId :
TP-6A

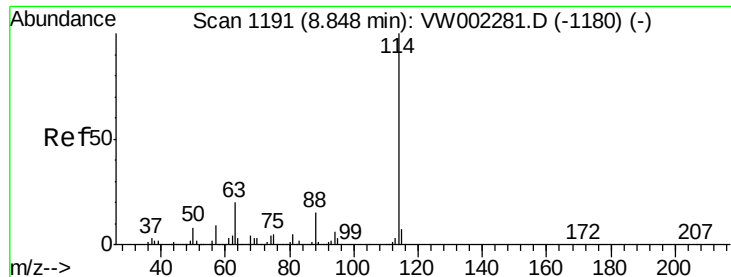
Tot Ion: 84 Resp: 9076
Ion Ratio Lower Upper
84 100
49 107.7 97.7 146.5
51 37.4 30.2 45.4
86 62.9 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 52.41 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002422.D
Acq: 11 May 2018 10:25

Tgt Ion: 65 Resp: 78909
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.2

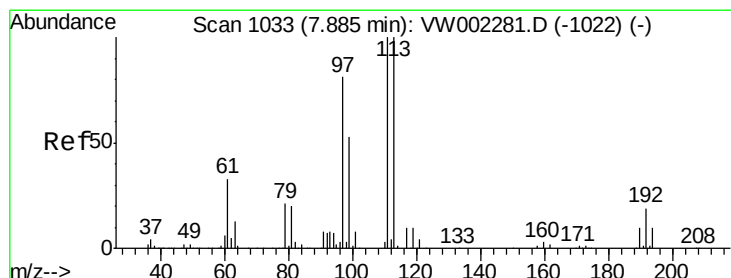
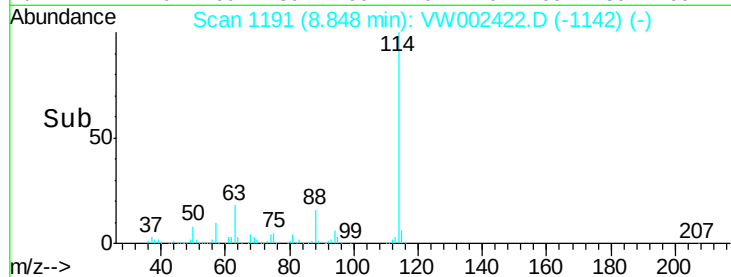
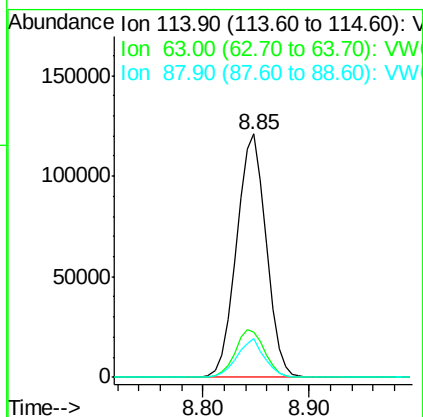
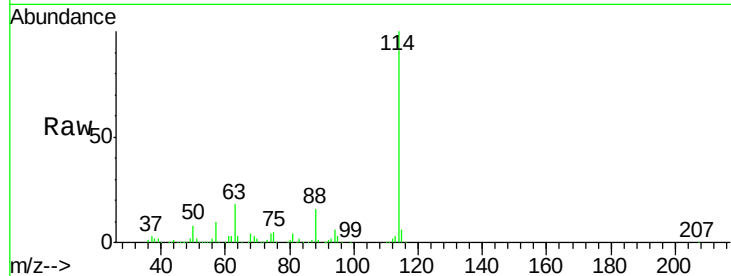




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002422.D
 Acq: 11 May 2018 10:25

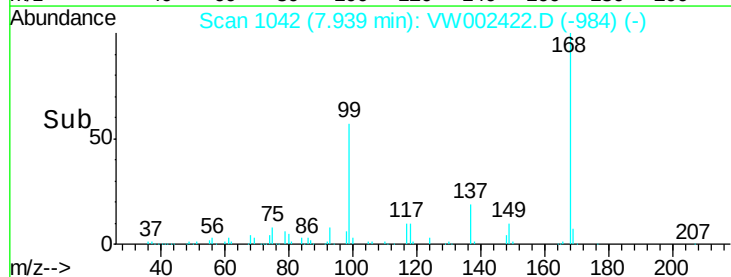
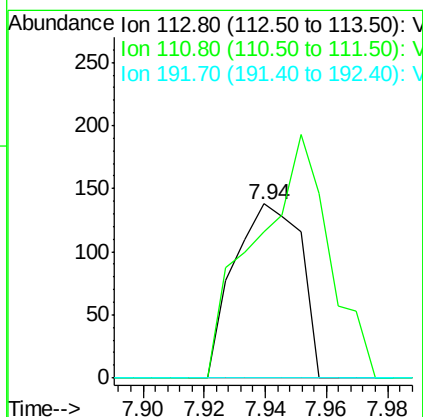
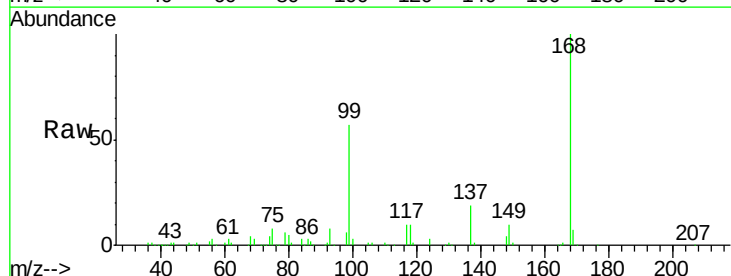
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6A

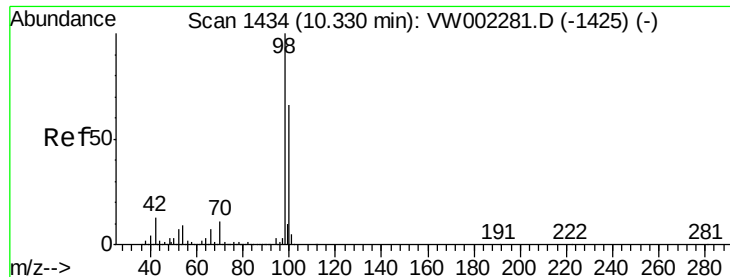
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.0
88	16.1	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 0.14 ug/l
 RT: 7.94 min Scan# 1042
 Delta R.T. 0.05 min
 Lab File: VW002422.D
 Acq: 11 May 2018 10:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	154.8	81.5	122.3#
192	0.0	16.4	24.6#





#50

Toluene-d8

Concen: 35.68 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002422.D

Acq: 11 May 2018 10:25

Instrument :

MSVOA_W

ClientSampleId :

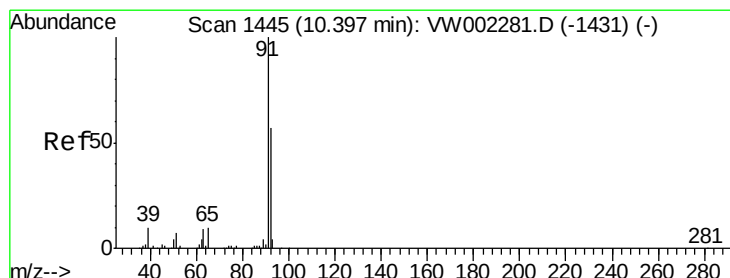
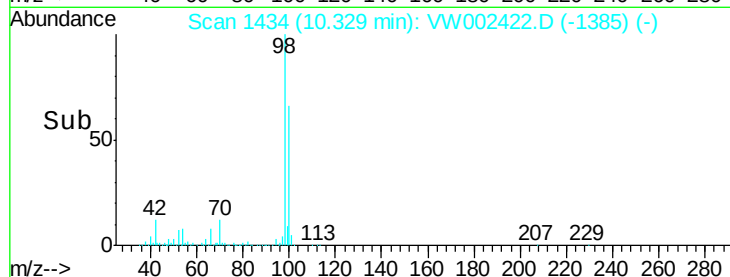
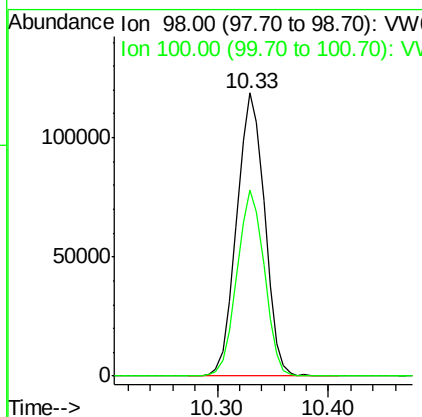
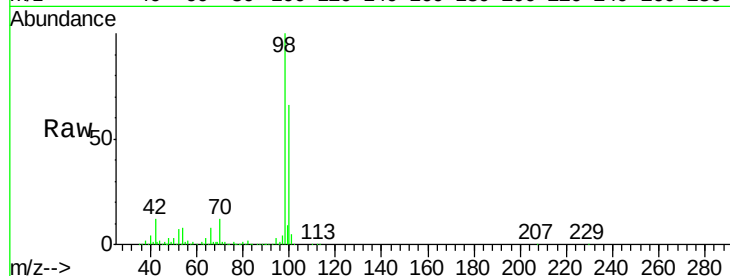
TP-6A

Tot Ion: 98 Resp: 206530

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2



#52

Toluene

Concen: 4.78 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW002422.D

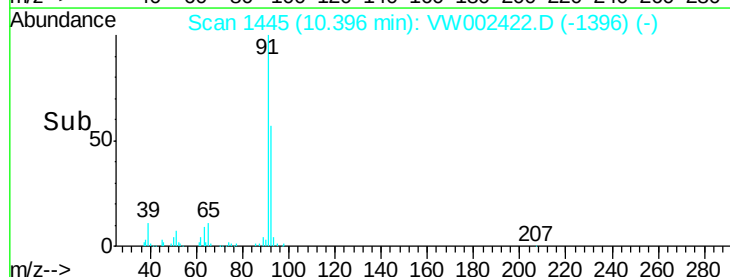
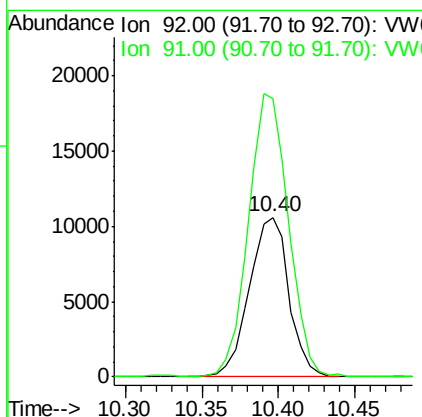
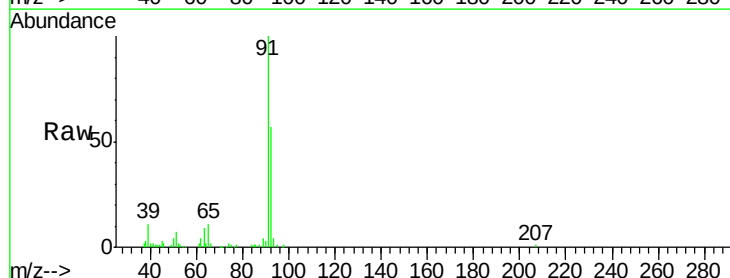
Acq: 11 May 2018 10:25

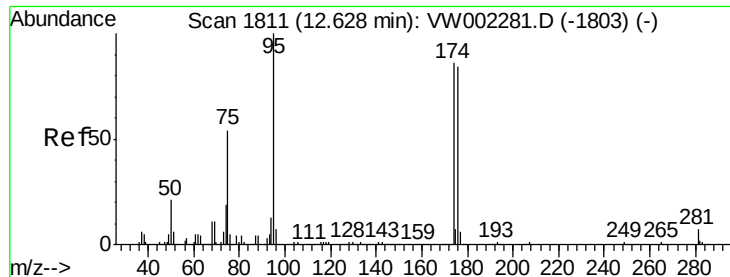
Tgt Ion: 92 Resp: 19024

Ion Ratio Lower Upper

92 100

91 179.8 138.6 208.0

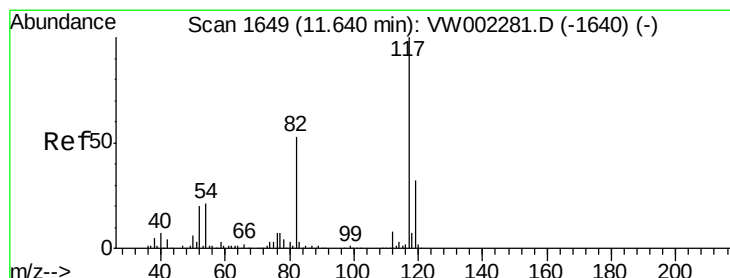
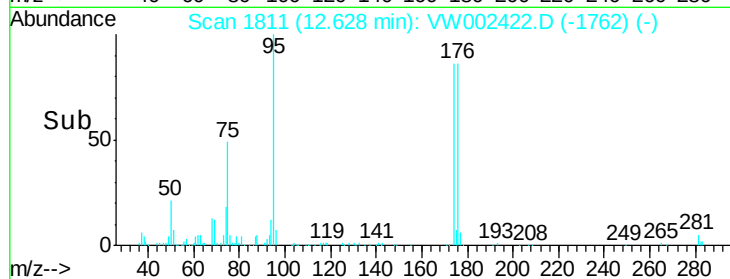
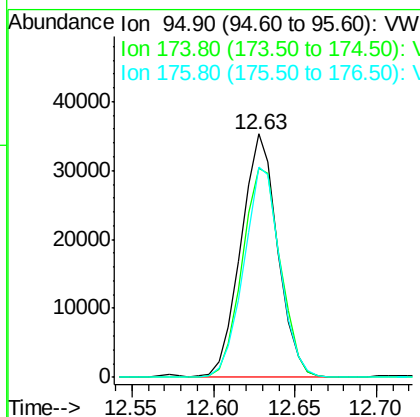
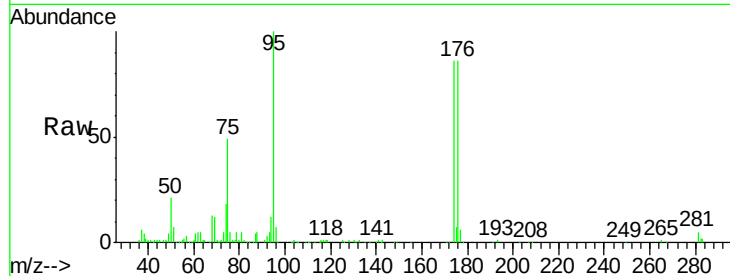




#62
4-Bromofluorobenzene
Concen: 26.39 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002422.D
Acq: 11 May 2018 10:25

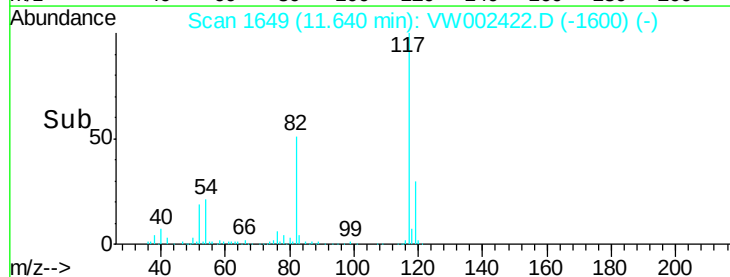
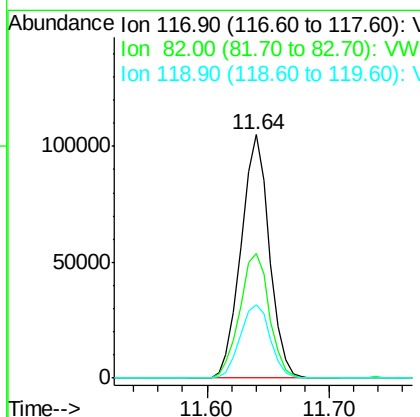
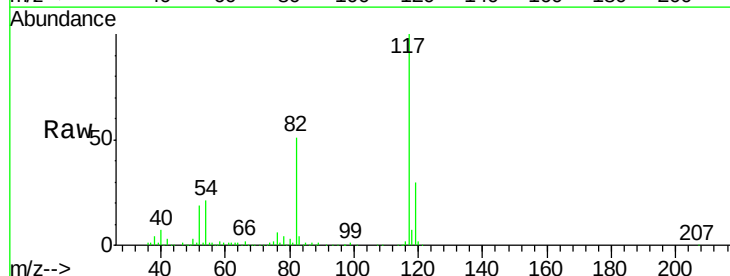
Instrument :
MSVOA_W
ClientSampleId :
TP-6A

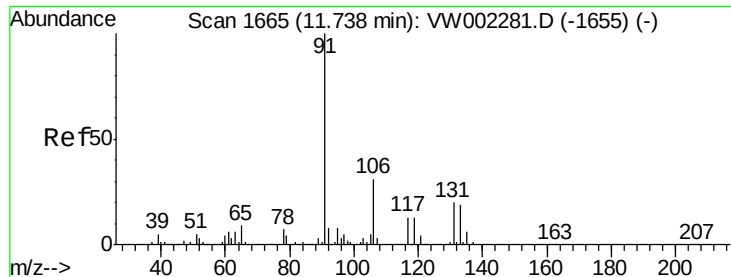
Tot Ion: 95 Resp: 55214
Ion Ratio Lower Upper
95 100
174 89.7 0.0 176.8
176 85.7 0.0 170.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002422.D
Acq: 11 May 2018 10:25

Tgt Ion: 117 Resp: 168335
Ion Ratio Lower Upper
117 100
82 51.1 42.6 63.8
119 30.4 25.2 37.8

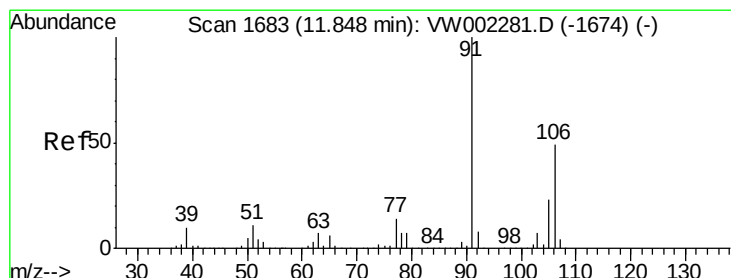
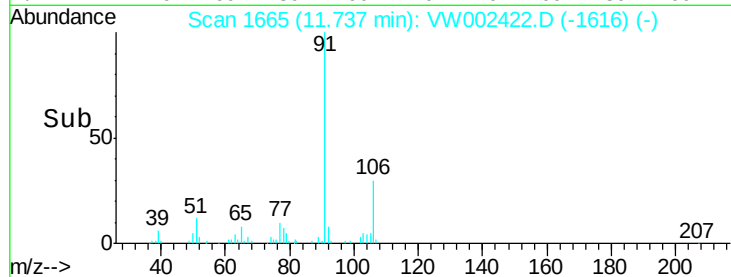
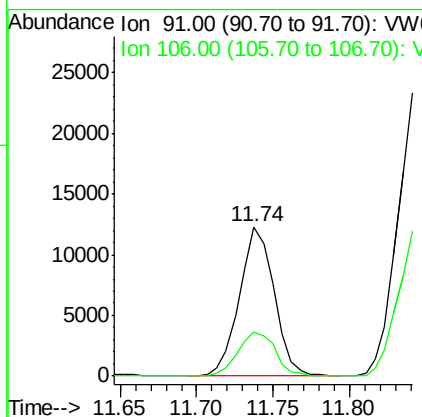
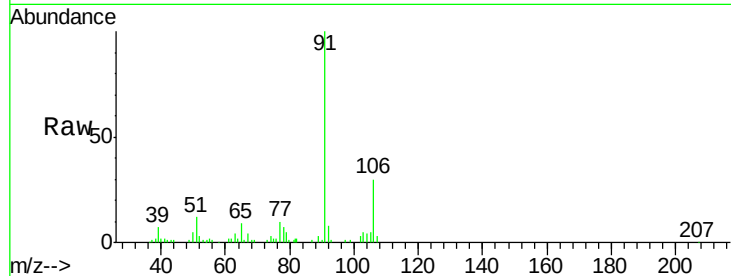




#67
Ethyl Benzene
Concen: 3.29 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002422.D
Acq: 11 May 2018 10:25

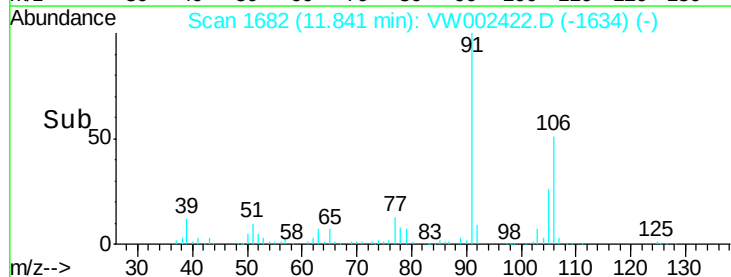
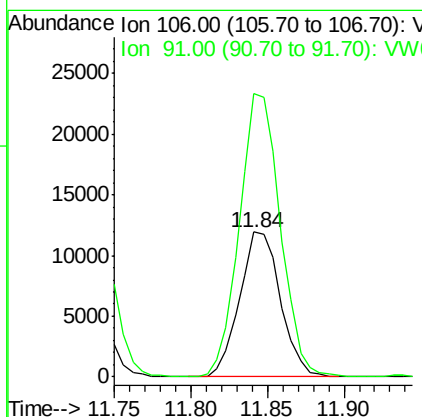
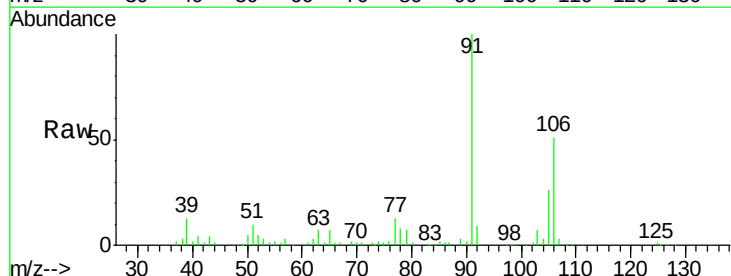
Instrument :
MSVOA_W
ClientSampleId :
TP-6A

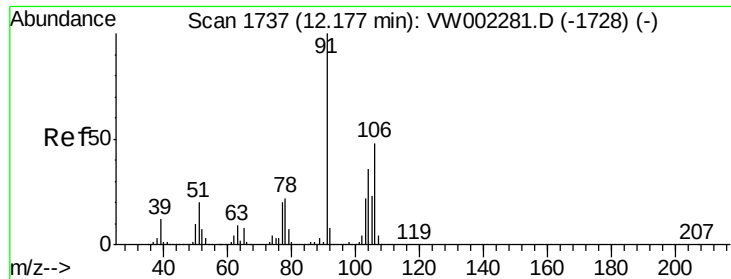
Tot Ion: 91 Resp: 19459
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3



#68
m/p-Xylenes
Concen: 9.67 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW002422.D
Acq: 11 May 2018 10:25

Tgt Ion: 106 Resp: 22065
Ion Ratio Lower Upper
106 100
91 196.9 161.4 242.0

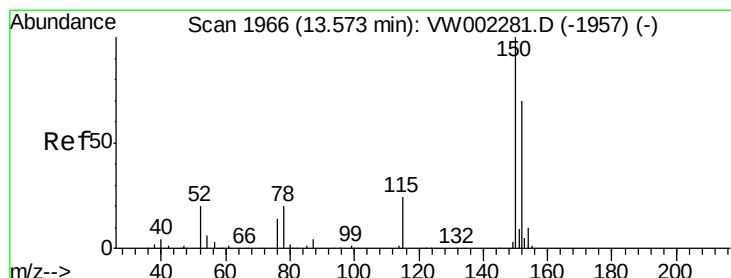
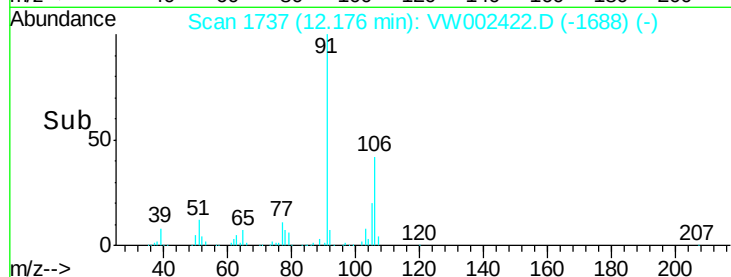
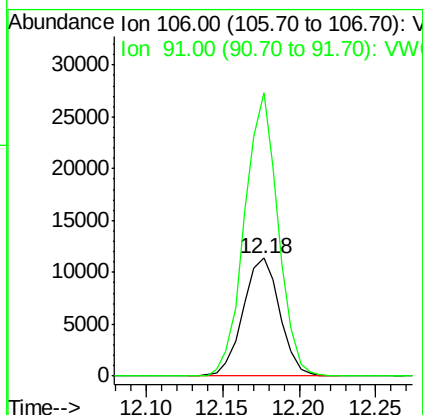
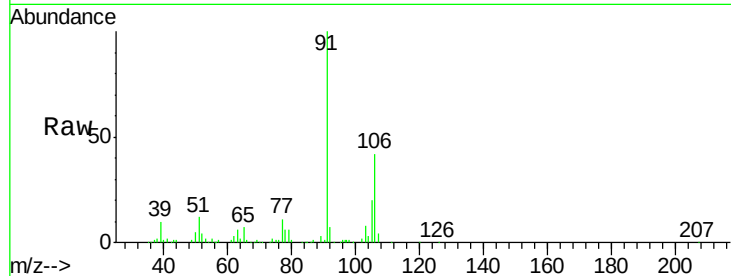




#69
o-Xylene
Concen: 8.73 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002422.D
Acq: 11 May 2018 10:25

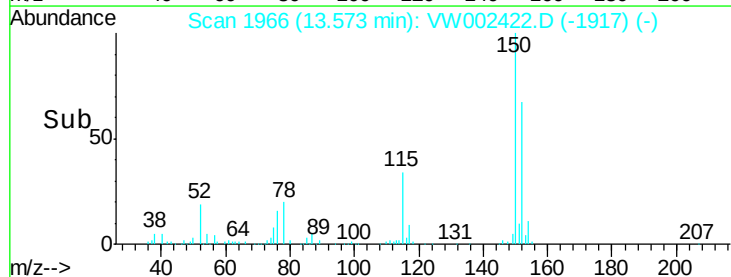
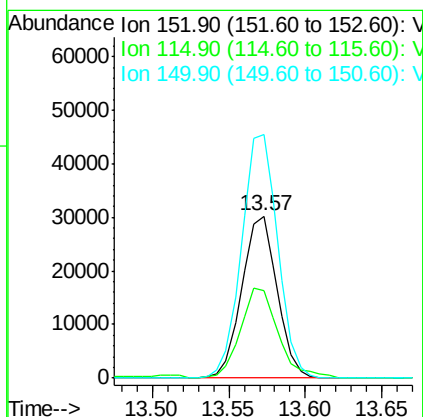
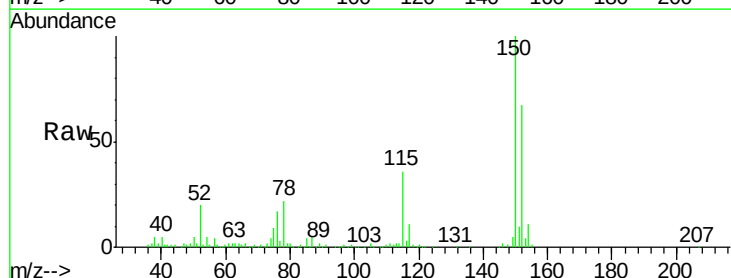
Instrument :
MSVOA_W
ClientSampled :
TP-6A

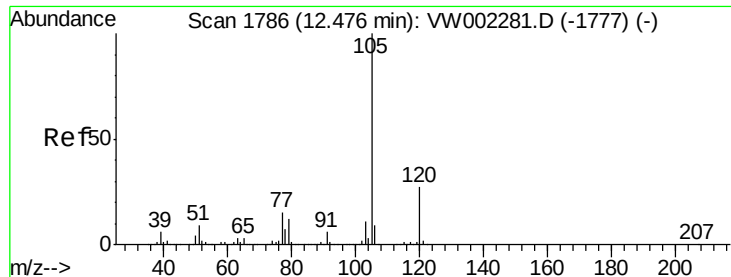
Tot Ion:106 Resp: 18948
Ion Ratio Lower Upper
106 100
91 219.2 107.1 321.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002422.D
Acq: 11 May 2018 10:25

Tgt Ion:152 Resp: 48532
Ion Ratio Lower Upper
152 100
115 59.8 28.5 85.5
150 154.3 0.0 342.6





#73

Isopropylbenzene

Concen: 1.91 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002422.D

Acq: 11 May 2018 10:25

Instrument :

MSVOA_W

ClientSampleId :

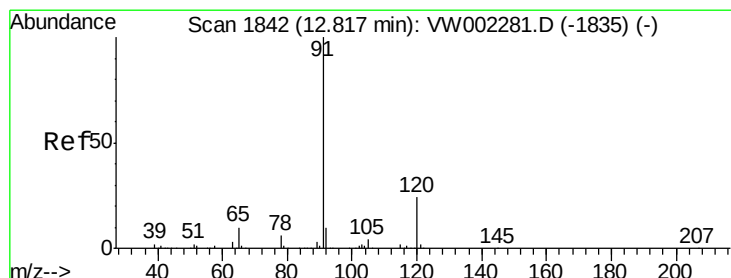
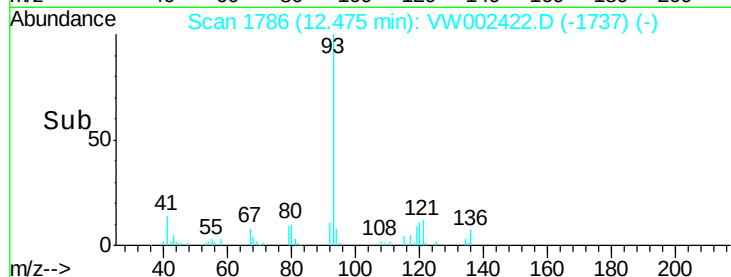
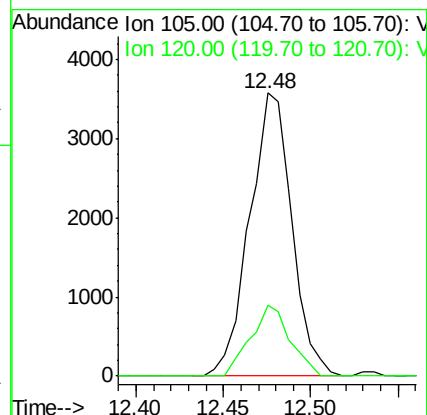
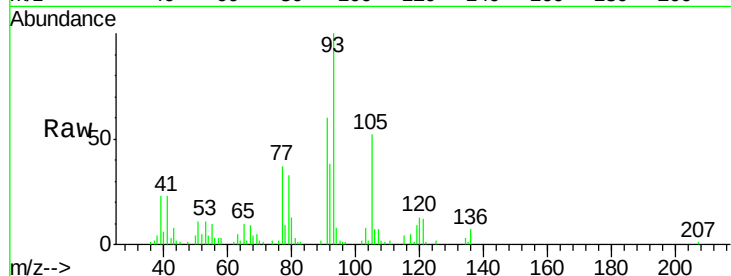
TP-6A

Tot Ion:105 Resp: 6009

Ion Ratio Lower Upper

105 100

120 23.3 13.3 39.9



#78

n-propylbenzene

Concen: 1.93 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002422.D

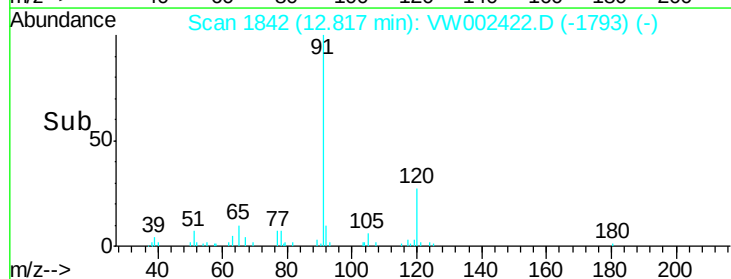
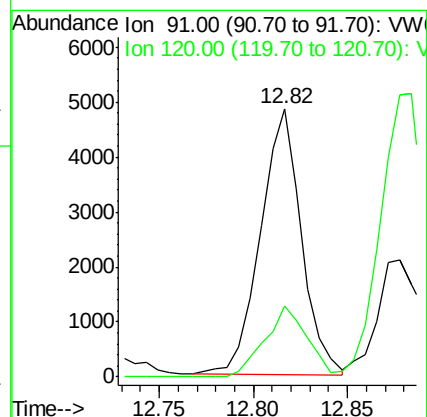
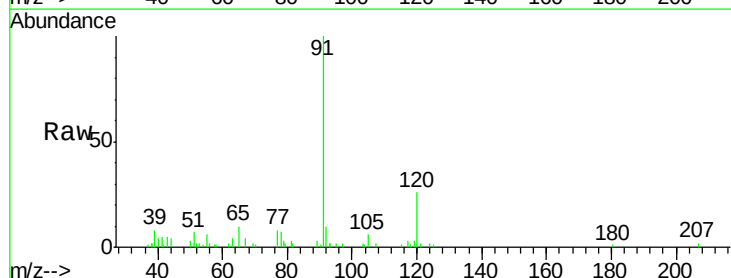
Acq: 11 May 2018 10:25

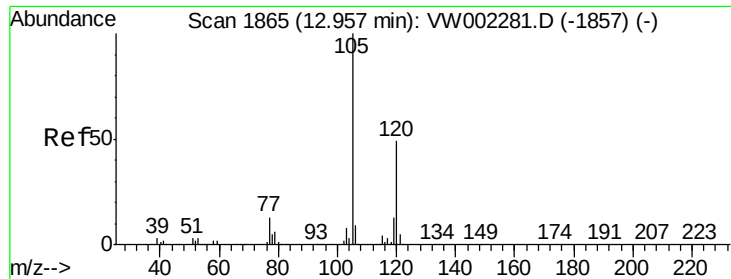
Tgt Ion: 91 Resp: 7212

Ion Ratio Lower Upper

91 100

120 27.4 11.5 34.5

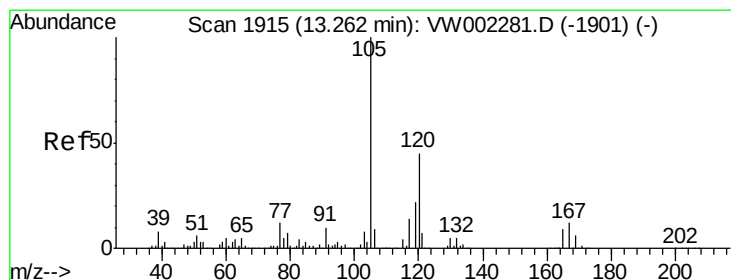
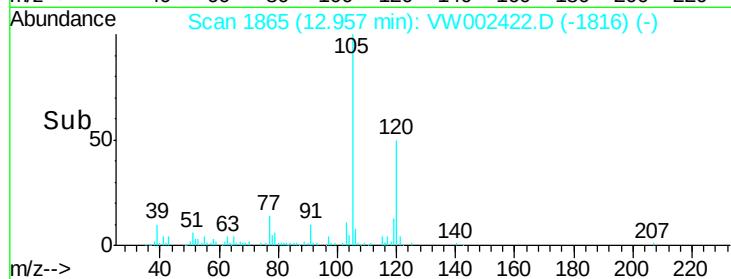
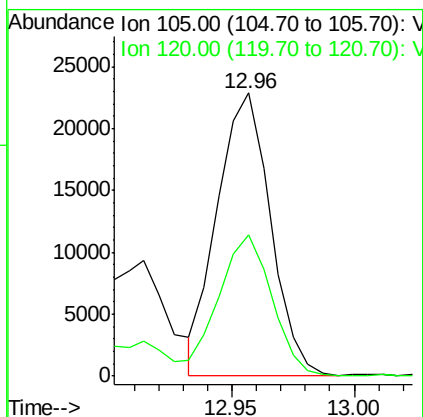
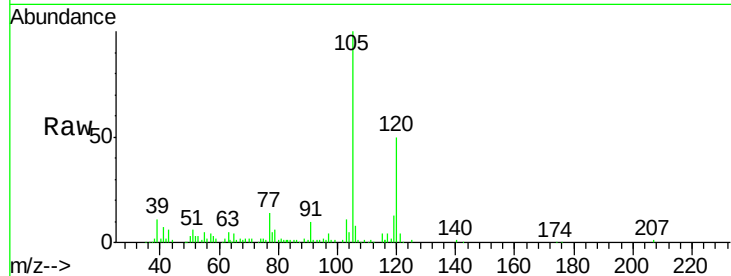




#80
 1,3,5-Trimethylbenzene
 Concen: 12.97 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW002422.D
 Acq: 11 May 2018 10:25

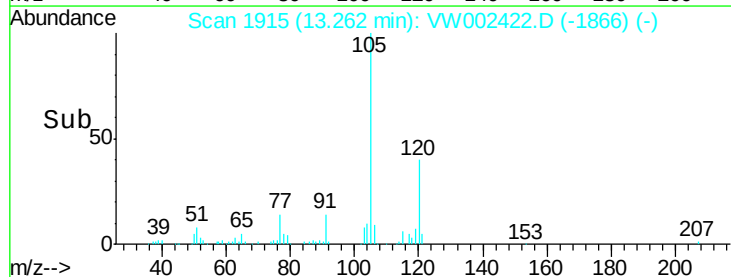
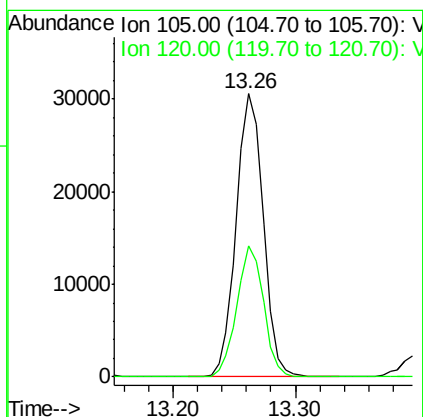
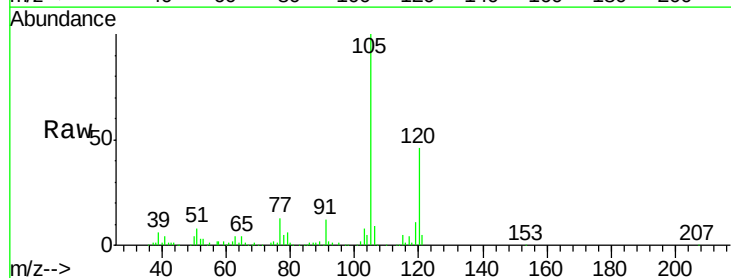
Instrument :
 MSVOA_W
 ClientSampled :
 TP-6A

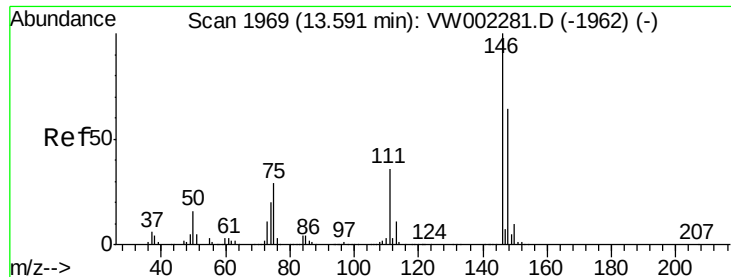
Tot Ion:105 Resp: 34381
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.6 74.0



#84
 1,2,4-Trimethylbenzene
 Concen: 17.04 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002422.D
 Acq: 11 May 2018 10:25

Tgt Ion:105 Resp: 46843
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.5 67.5





#88

1,4-Dichlorobenzene

Concen: 2.60 ug/l

RT: 13.59 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VW002422.D

Acq: 11 May 2018 10:25

Instrument :

MSVOA_W

ClientSampleId :

TP-6A

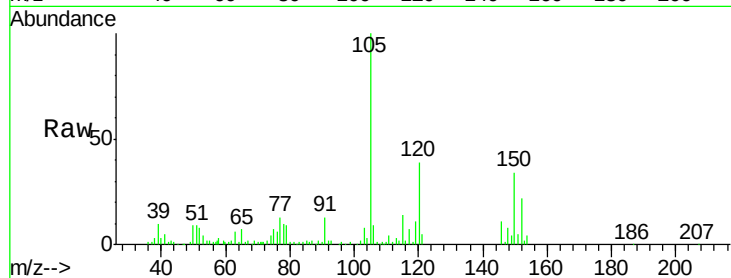
Tot Ion:146 Resp: 4088

Ion Ratio Lower Upper

146 100

111 57.5 19.0 57.0#

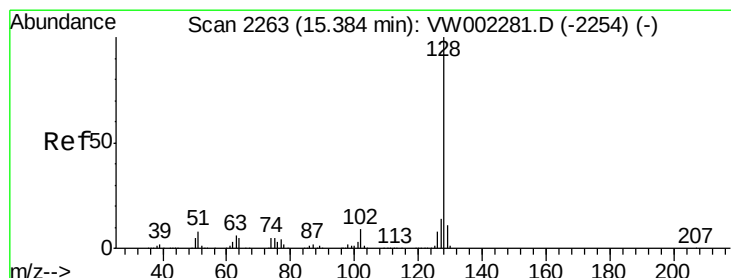
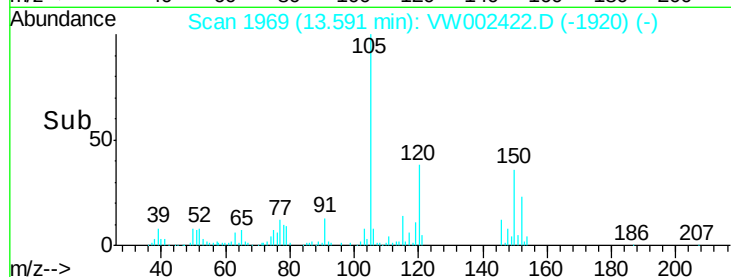
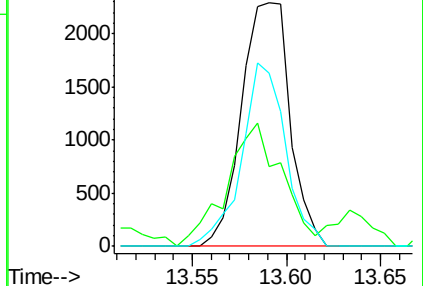
148 68.1 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 35.09 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002422.D

Acq: 11 May 2018 10:25

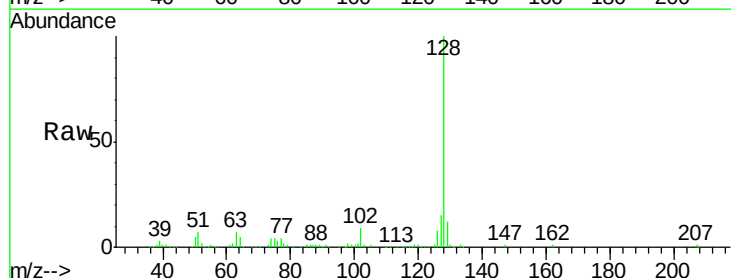
Tgt Ion:128 Resp: 65823

Ion Ratio Lower Upper

128 100

127 14.7 11.0 16.4

129 10.9 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

