

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002385.D
 Acq On : 10 May 2018 17:15
 Operator : JC/SY
 Sample : J2733-08RE
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5ARE

Quant Time: May 11 05:33:44 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	181650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	285418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	226777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	87255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	83986	43.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.08%	
35) Dibromofluoromethane	7.88	113	39811	21.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.52%	
50) Toluene-d8	10.33	98	239506	34.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.66%	
62) 4-Bromofluorobenzene	12.63	95	78228	31.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.06%	

Target Compounds

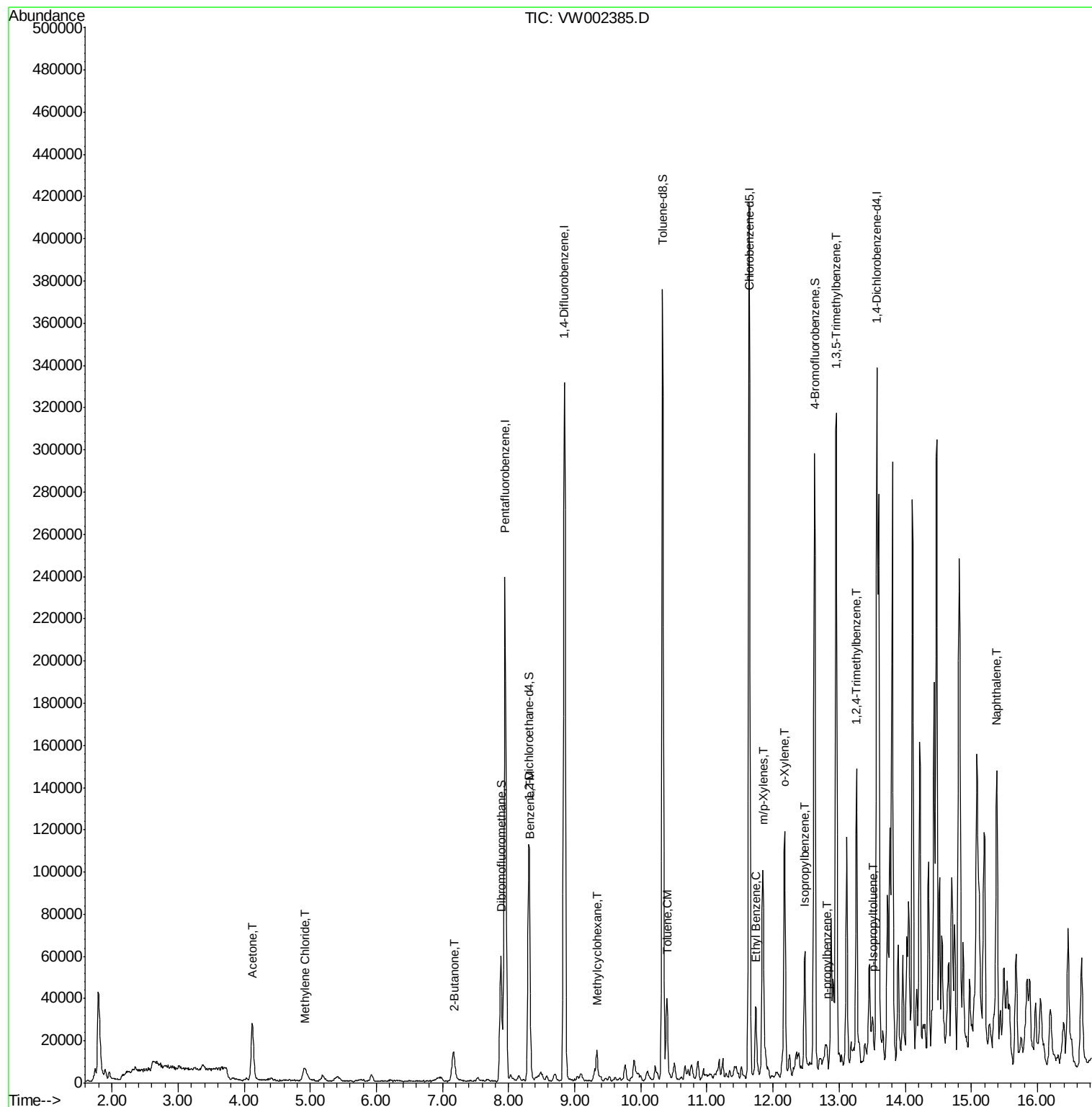
						Qvalue
16) Acetone	4.12	43	47507	126.10	ug/l	98
20) Methylene Chloride	4.91	84	5619	3.09	ug/l	94
25) 2-Butanone	7.18	43	9179	16.41	ug/l	100
39) Methylcyclohexane	9.34	83	4923	1.63	ug/l #	83
40) Benzene	8.32	78	12689	1.68	ug/l	94
52) Toluene	10.39	92	16189	3.38	ug/l	98
67) Ethyl Benzene	11.74	91	19496	2.45	ug/l	100
68) m/p-Xylenes	11.84	106	29167	9.49	ug/l	100
69) o-Xylene	12.18	106	29497	10.09	ug/l	98
73) Isopropylbenzene	12.48	105	7802	1.38	ug/l	95
78) n-propylbenzene	12.81	91	8154	1.21	ug/l #	53
80) 1,3,5-Trimethylbenzene	12.96	105	151233	31.72	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	74159	15.00	ug/l	100
86) p-Isopropyltoluene	13.51	119	9123	1.74	ug/l	95
95) Naphthalene	15.38	128	109704	32.53	ug/l	99

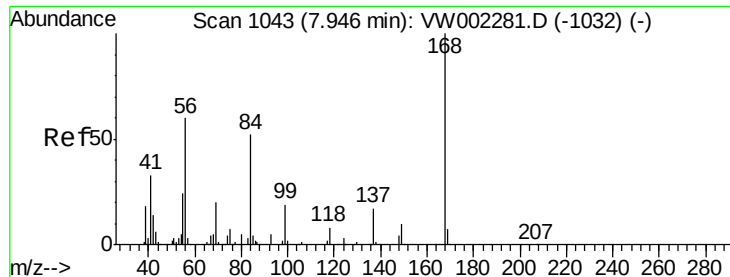
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
Data File : VW002385.D
Acq On : 10 May 2018 17:15
Operator : JC/SY
Sample : J2733-08RE
Misc : 6.18G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-5ARE

Quant Time: May 11 05:33:44 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002385.D

Acq: 10 May 2018 17:15

Instrument :

MSVOA_W

ClientSampled :

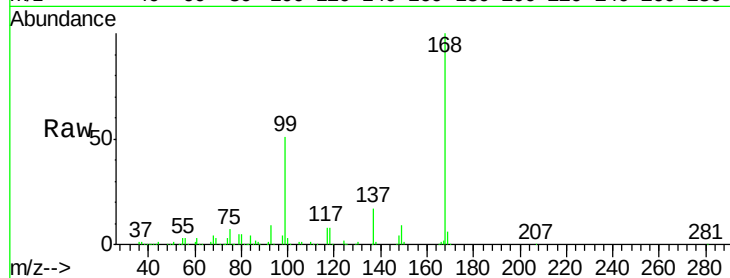
TP-5ARE

Tot Ion:168 Resp: 181650

Ion Ratio Lower Upper

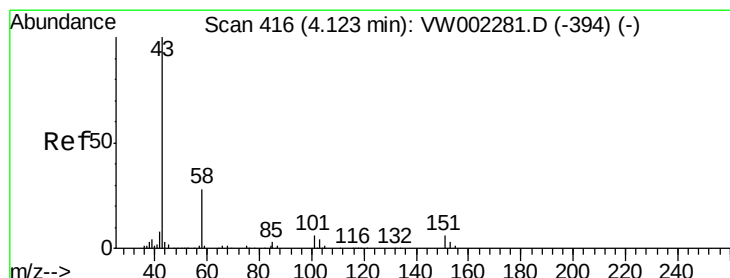
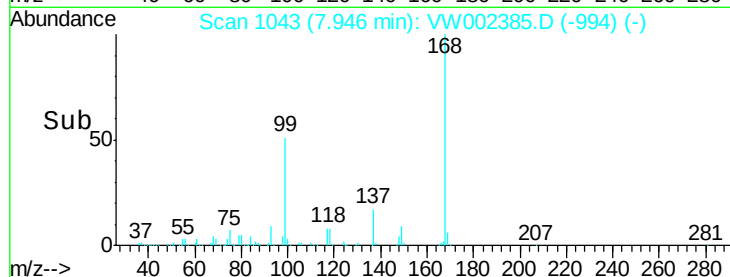
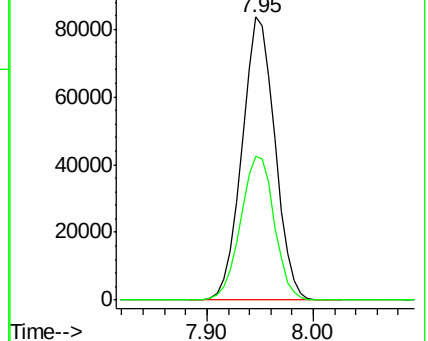
168 100

99 51.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 126.10 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002385.D

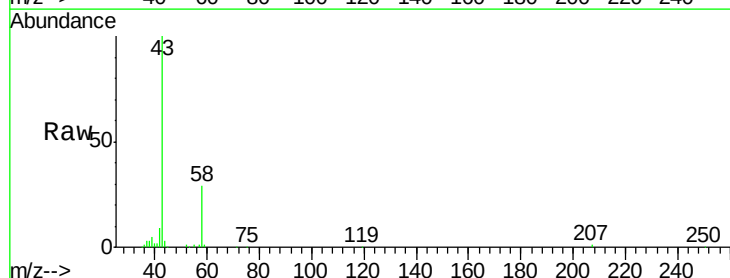
Acq: 10 May 2018 17:15

Tgt Ion: 43 Resp: 47507

Ion Ratio Lower Upper

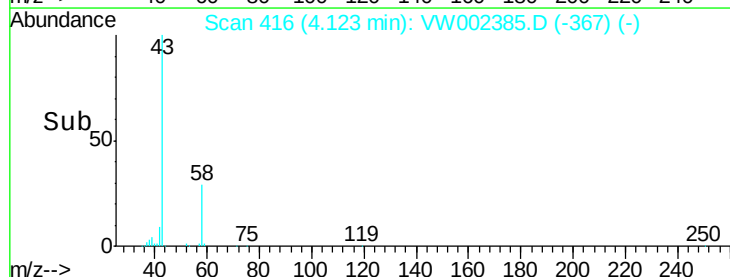
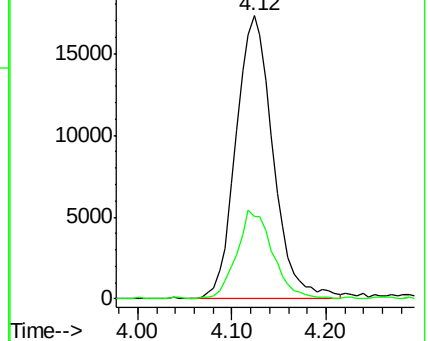
43 100

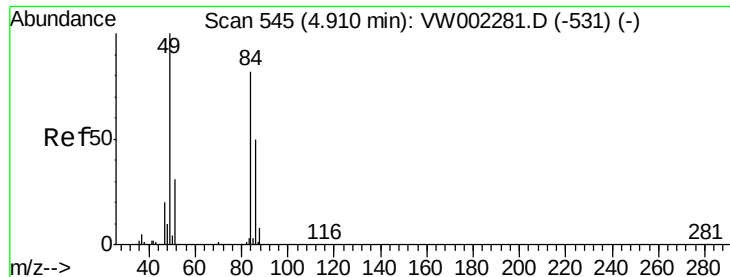
58 29.1 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

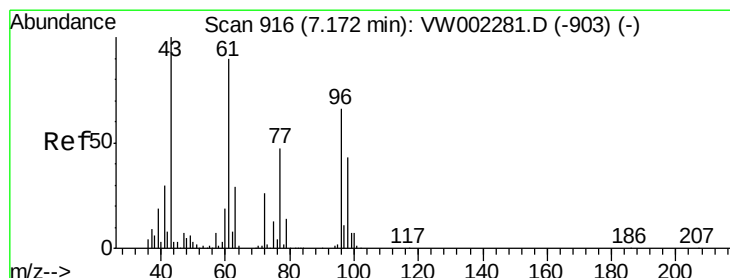
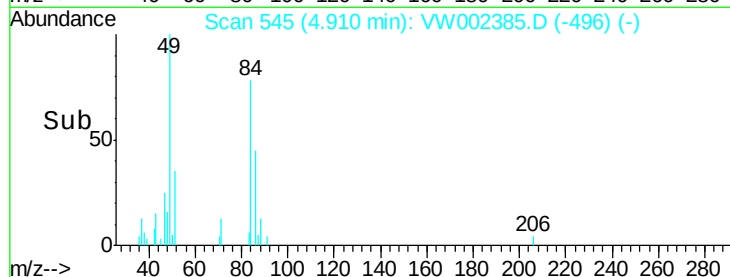
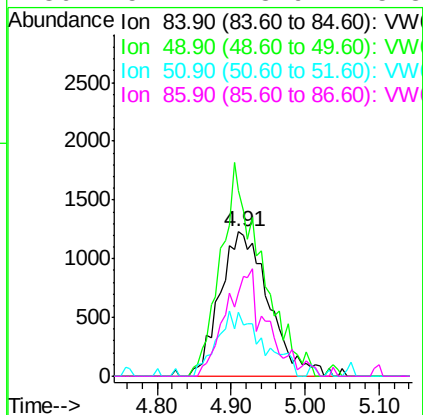
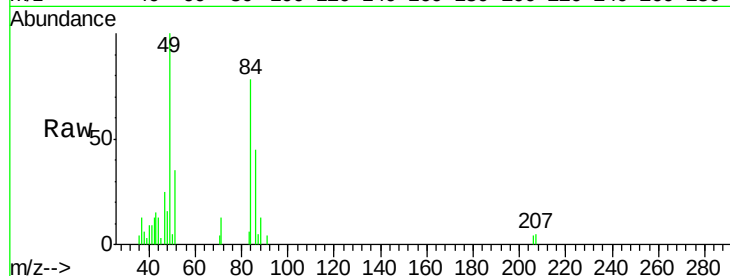




#20
Methvlene Chloride
Concen: 3.09 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW002385.D
Acq: 10 May 2018 17:15

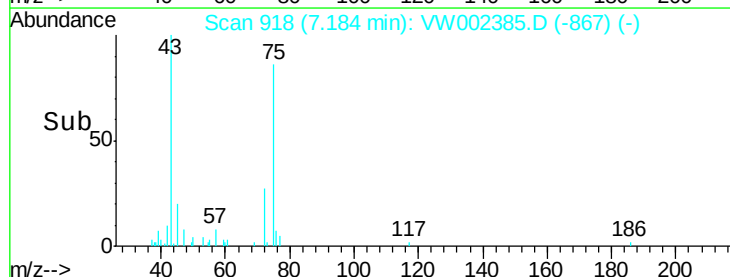
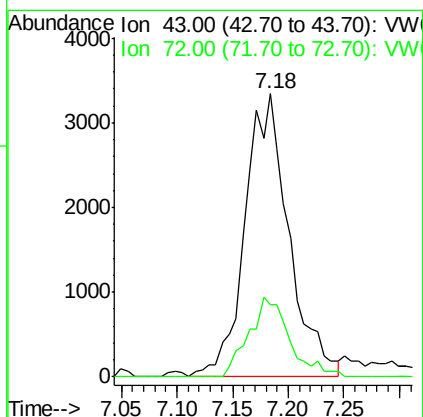
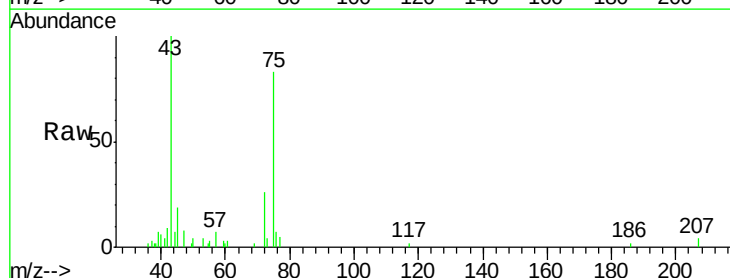
Instrument :
MSVOA_W
ClientSampled :
TP-5ARE

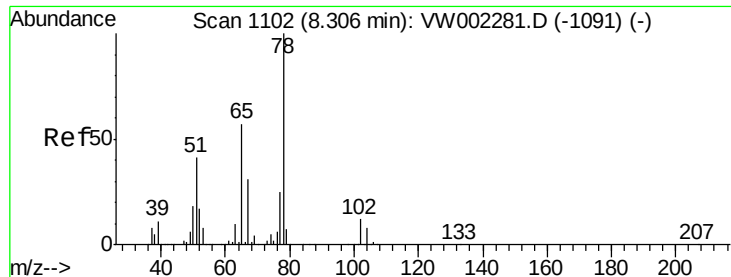
Tot Ion:	84	Resp:	5619
Ion	Ratio	Lower	Upper
84	100		
49	128.7	97.7	146.5
51	44.4	30.2	45.4
86	57.7	48.9	73.3



#25
2-Butanone
Concen: 16.41 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW002385.D
Acq: 10 May 2018 17:15

Tgt Ion:	43	Resp:	9179
Ion	Ratio	Lower	Upper
43	100		
72	25.6	20.6	31.0

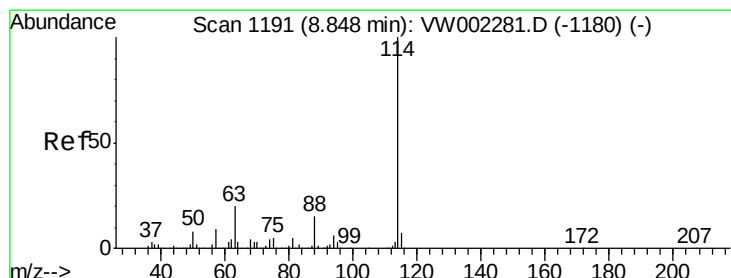
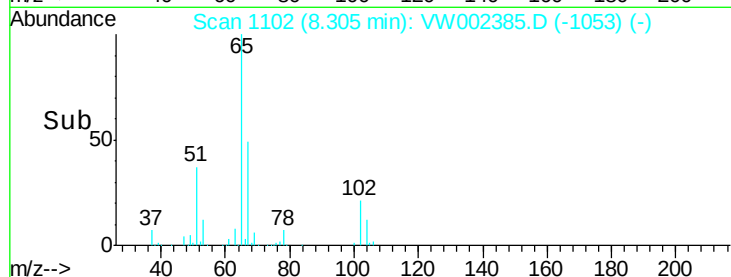
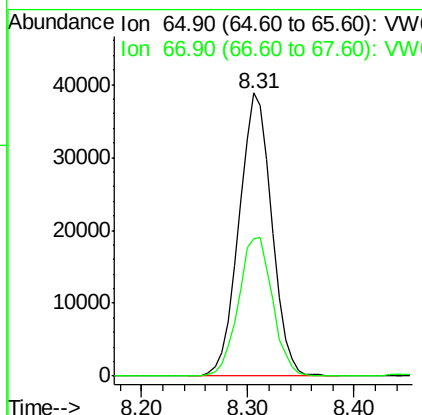
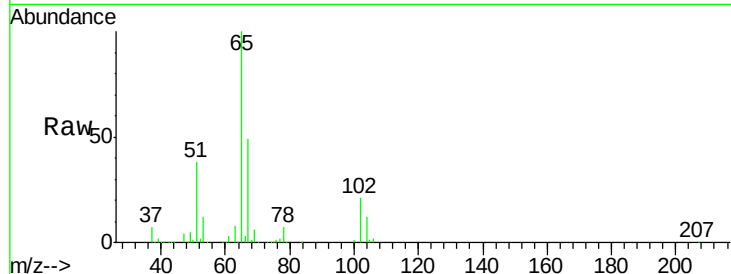




#33
 1,2-Dichloroethane-d4
 Concen: 43.54 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002385.D
 Acq: 10 May 2018 17:15

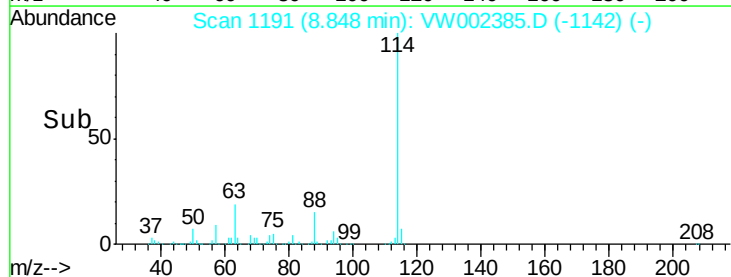
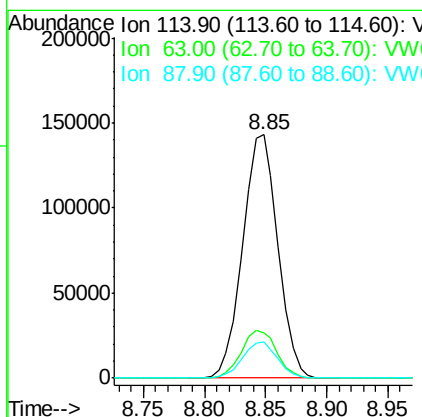
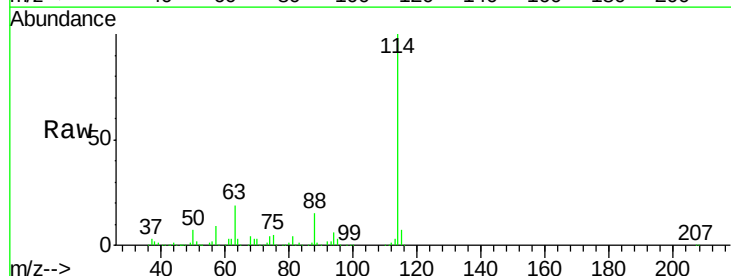
Instrument :
 MSVOA_W
 ClientSampled :
 TP-5ARE

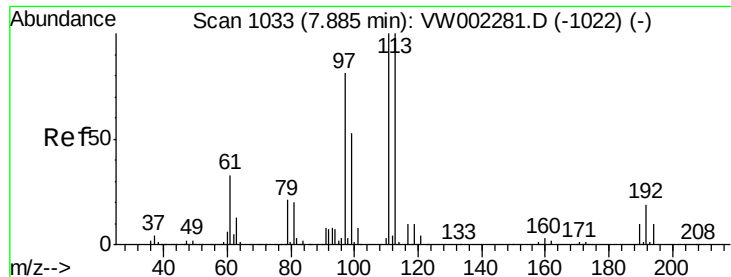
Tot Ion: 65 Resp: 83986
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002385.D
 Acq: 10 May 2018 17:15

Tgt Ion: 114 Resp: 285418
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 14.9 0.0 29.6

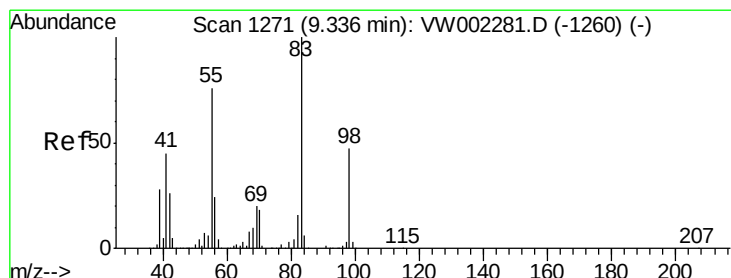
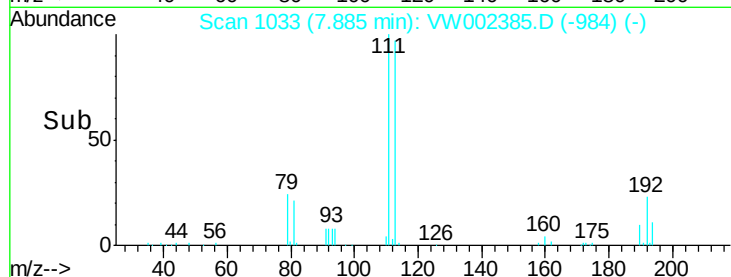
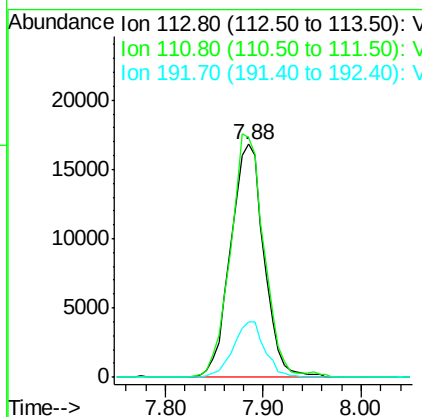
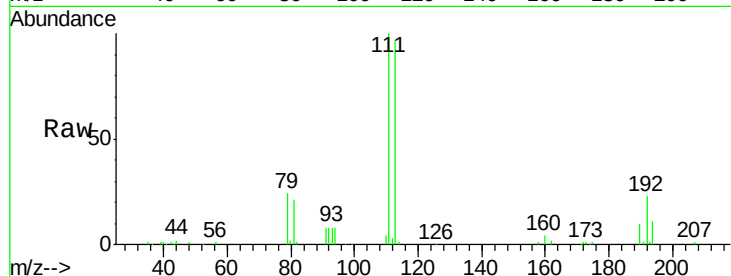




#35
Dibromofluoromethane
Concen: 21.76 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW002385.D
Acq: 10 May 2018 17:15

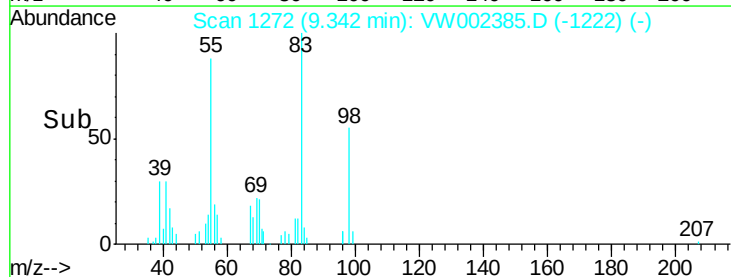
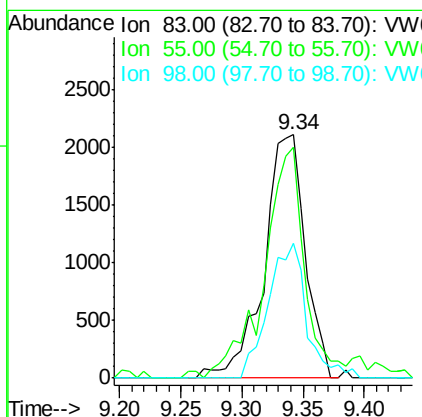
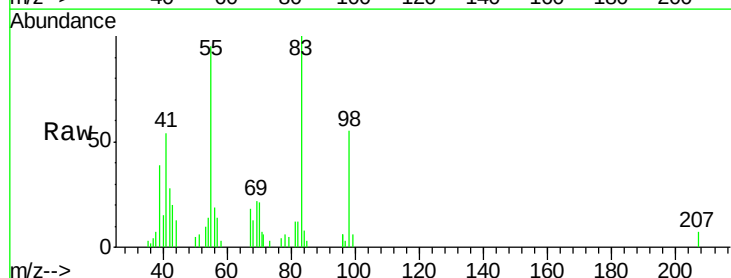
Instrument :
MSVOA_W
ClientSampleId :
TP-5ARE

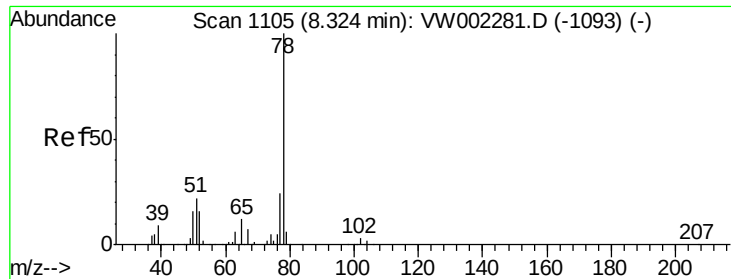
Tot Ion:113 Resp: 39811
Ion Ratio Lower Upper
113 100
111 104.3 81.5 122.3
192 22.5 16.4 24.6



#39
Methylcyclohexane
Concen: 1.63 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW002385.D
Acq: 10 May 2018 17:15

Tgt Ion: 83 Resp: 4923
Ion Ratio Lower Upper
83 100
55 92.1 60.6 91.0#
98 55.5 37.4 56.0





#40

Benzene

Concen: 1.68 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VW002385.D

Acq: 10 May 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

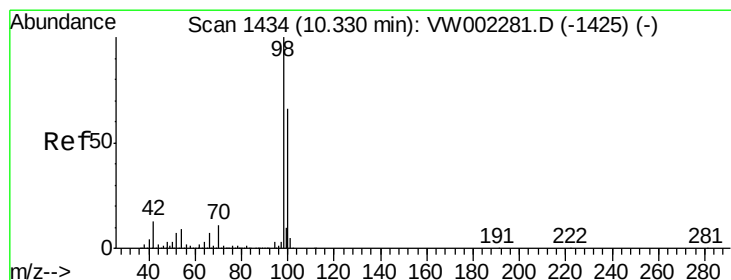
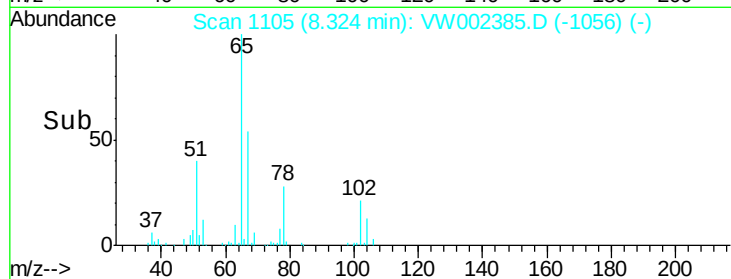
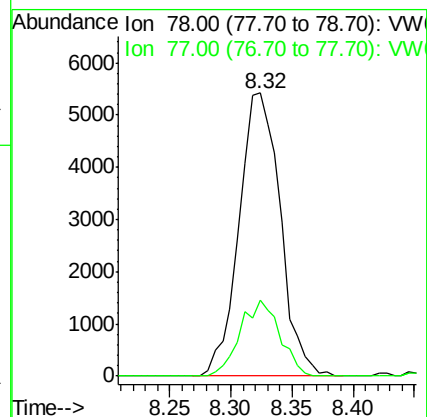
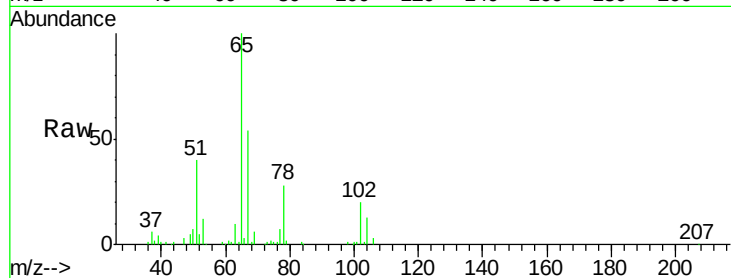
TP-5ARE

Tot Ion: 78 Resp: 12689

Ion Ratio Lower Upper

78 100

77 27.1 19.3 28.9



#50

Toluene-d8

Concen: 34.33 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002385.D

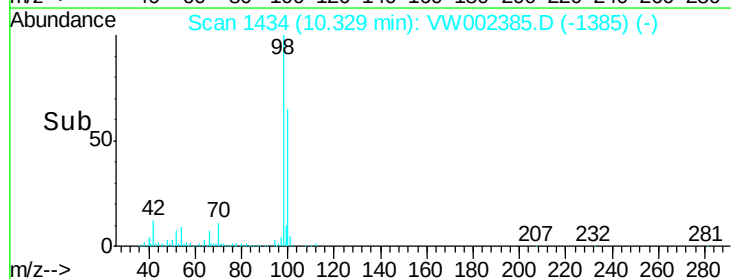
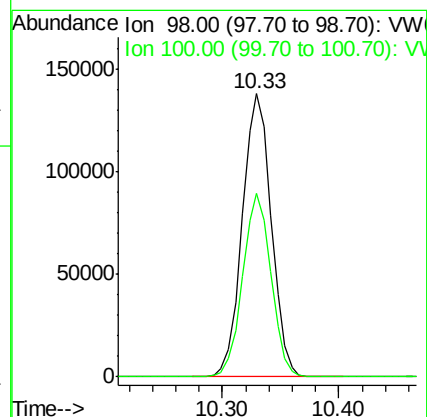
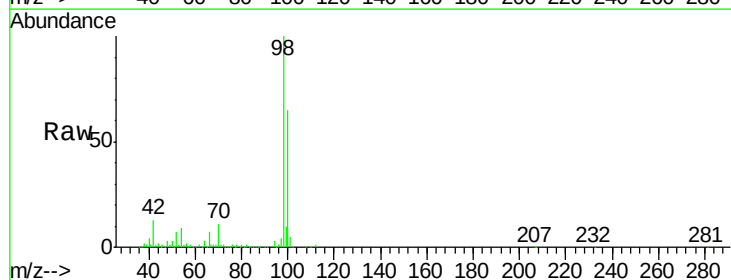
Acq: 10 May 2018 17:15

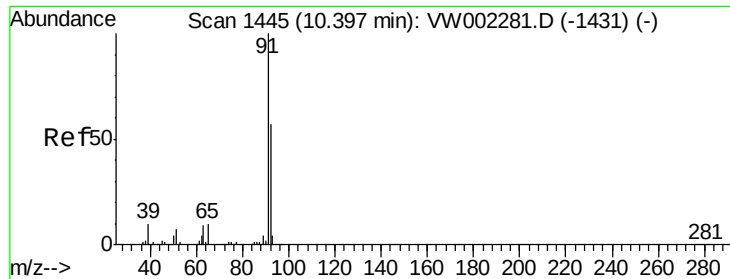
Tgt Ion: 98 Resp: 239506

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.2





#52

Toluene

Concen: 3.38 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW002385.D

Acq: 10 May 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

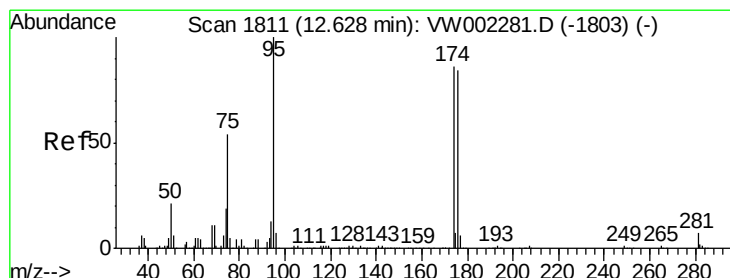
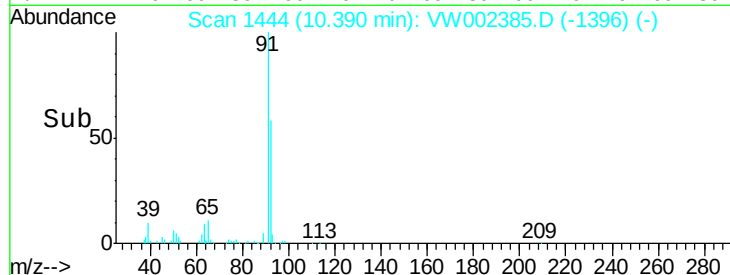
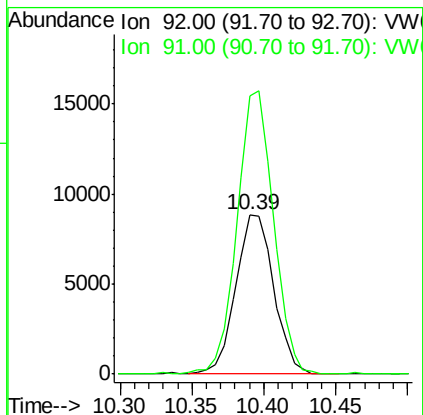
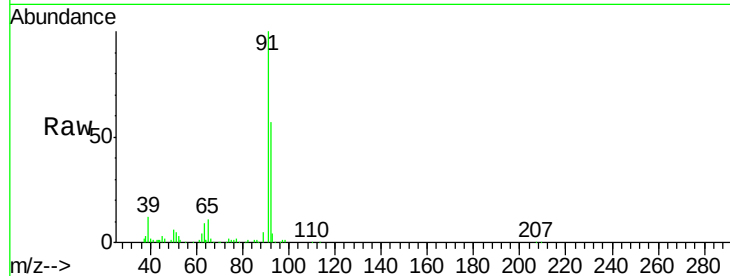
TP-5ARE

Tot Ion: 92 Resp: 16189

Ion Ratio Lower Upper

92 100

91 170.7 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 31.03 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002385.D

Acq: 10 May 2018 17:15

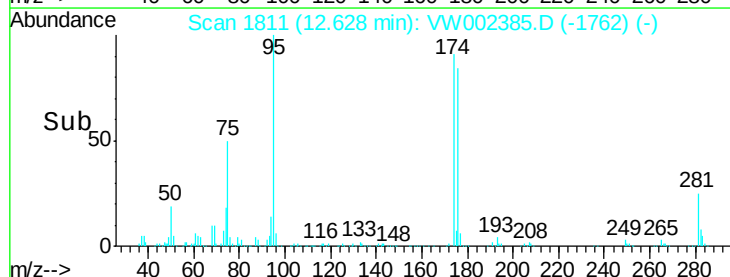
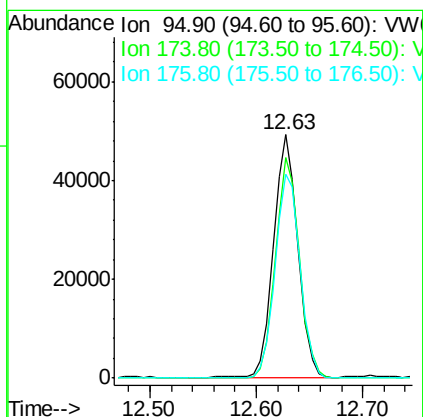
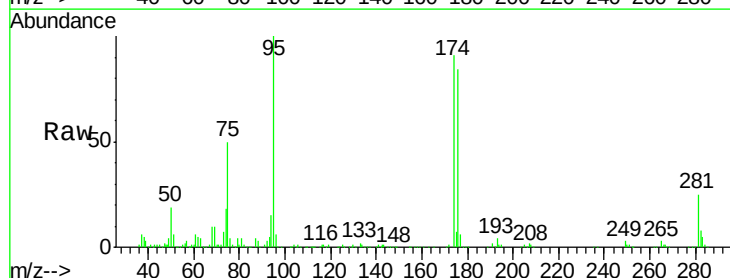
Tgt Ion: 95 Resp: 78228

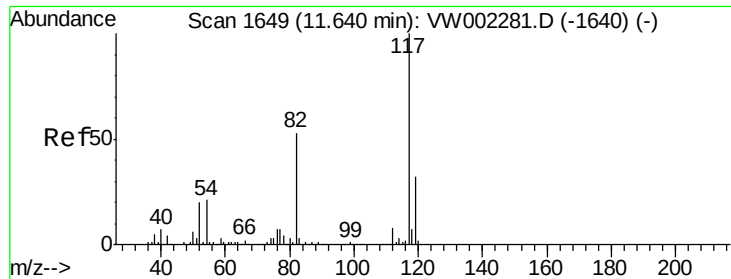
Ion Ratio Lower Upper

95 100

174 89.5 0.0 176.8

176 85.9 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: VW002385.D

Acq: 10 May 2018 17:15

Instrument :

MSVOA_W

ClientSampled :

TP-5ARE

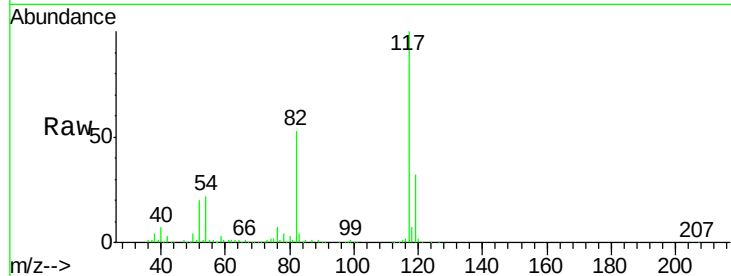
Tot Ion:117 Resp: 226777

Ion Ratio Lower Upper

117 100

82 52.7 42.6 63.8

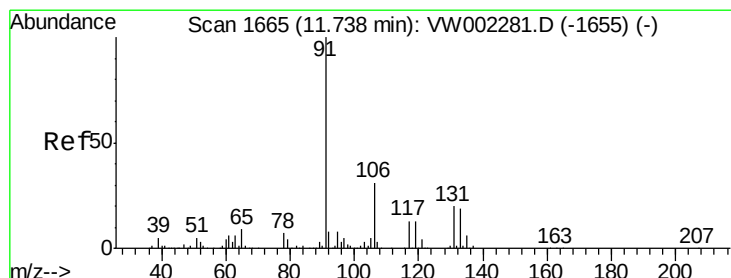
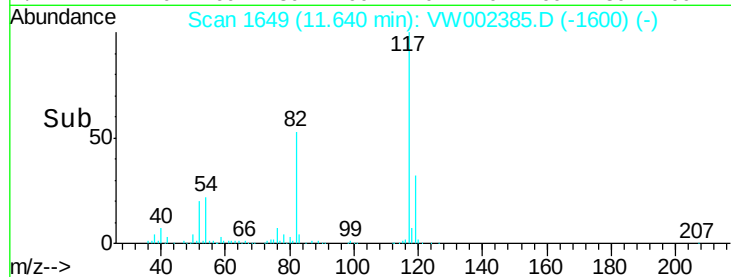
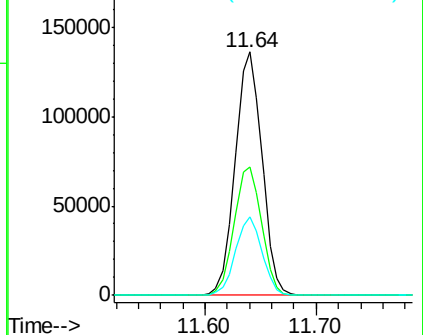
119 32.3 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 2.45 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002385.D

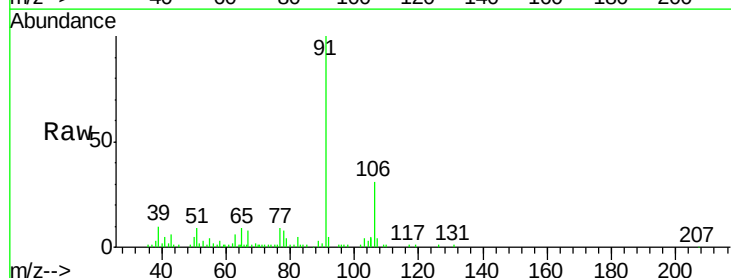
Acq: 10 May 2018 17:15

Tgt Ion: 91 Resp: 19496

Ion Ratio Lower Upper

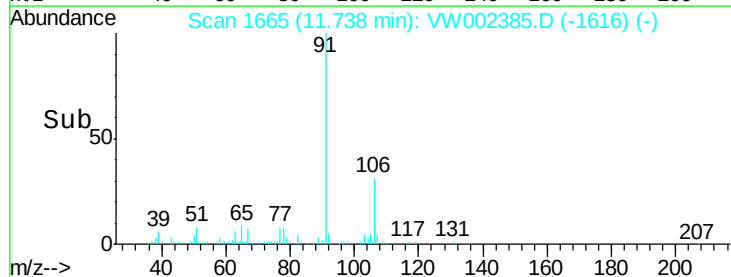
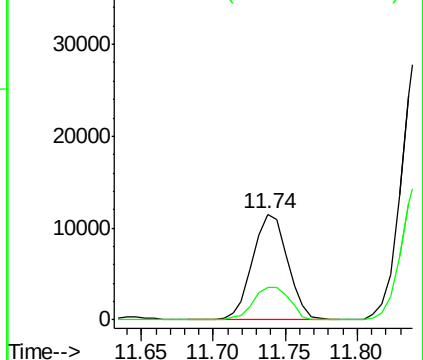
91 100

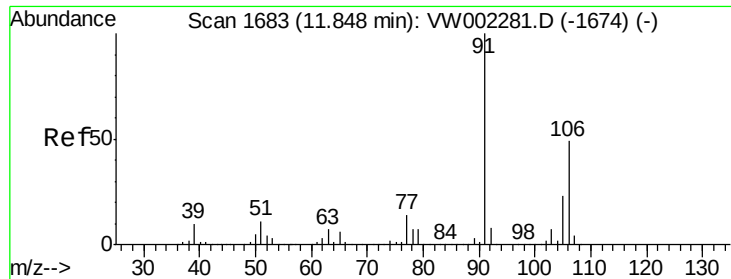
106 31.1 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

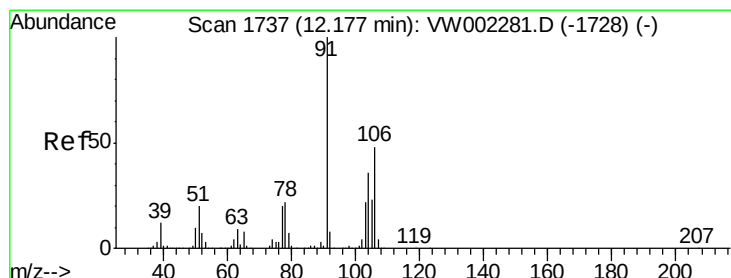
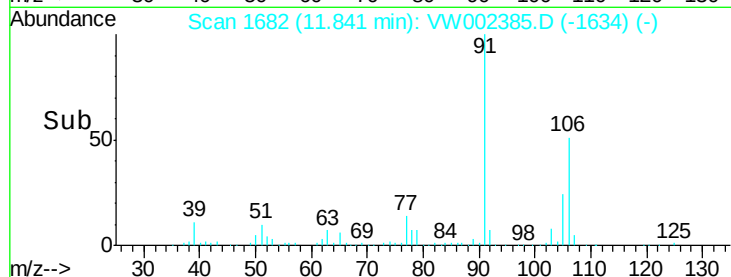
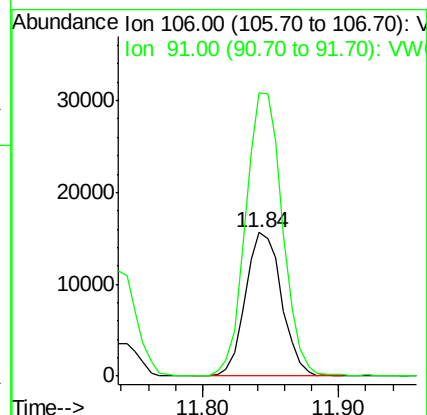
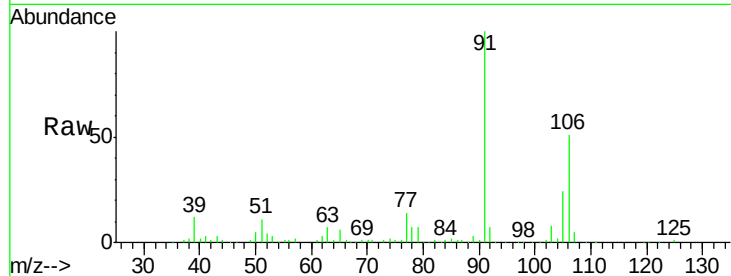




#68
m/p-Xylenes
Concen: 9.49 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW002385.D
Acq: 10 May 2018 17:15

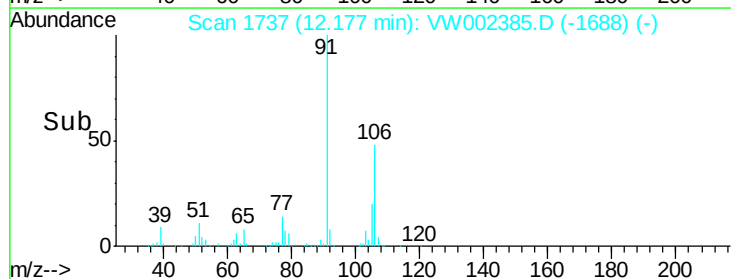
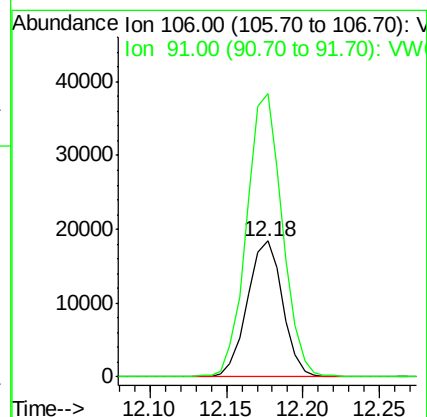
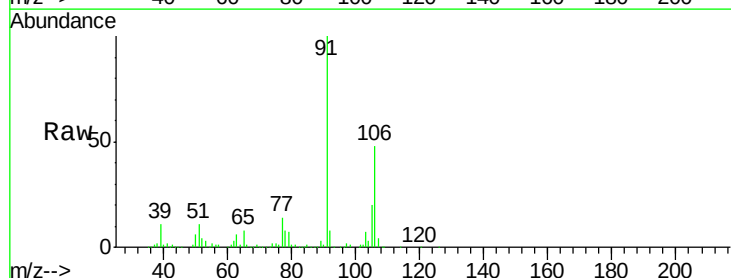
Instrument :
MSVOA_W
ClientSampleId :
TP-5ARE

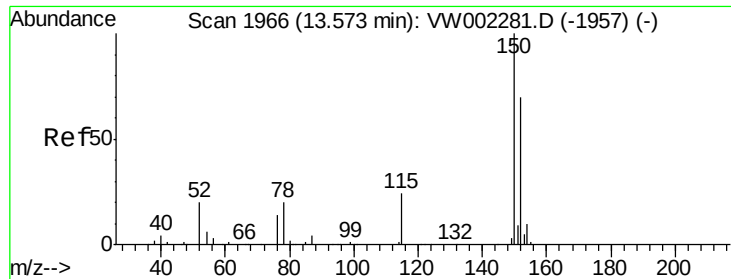
Tot Ion:106 Resp: 29167
Ion Ratio Lower Upper
106 100
91 201.4 161.4 242.0



#69
o-Xylene
Concen: 10.09 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002385.D
Acq: 10 May 2018 17:15

Tgt Ion:106 Resp: 29497
Ion Ratio Lower Upper
106 100
91 211.3 107.1 321.1

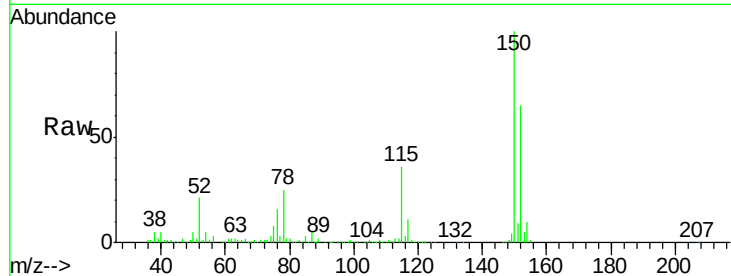




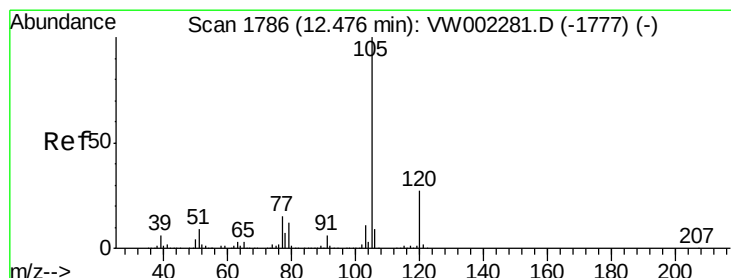
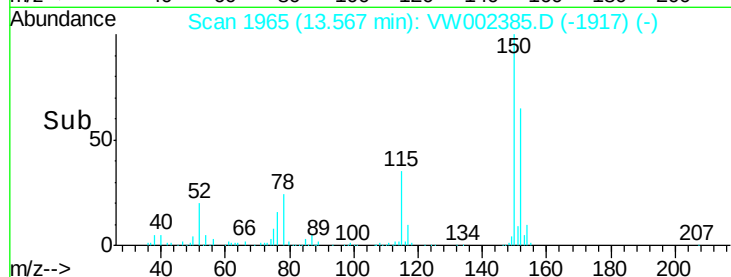
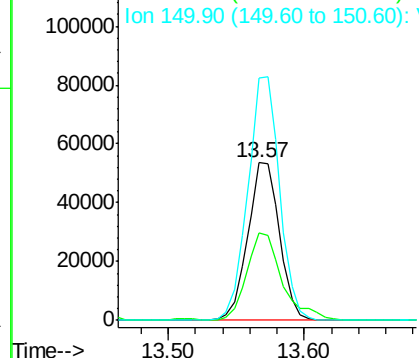
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: VW002385.D
 Acq: 10 May 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5ARE

Tot Ion:152 Resp: 87255
 Ion Ratio Lower Upper
 152 100
 115 61.9 28.5 85.5
 150 155.1 0.0 342.6

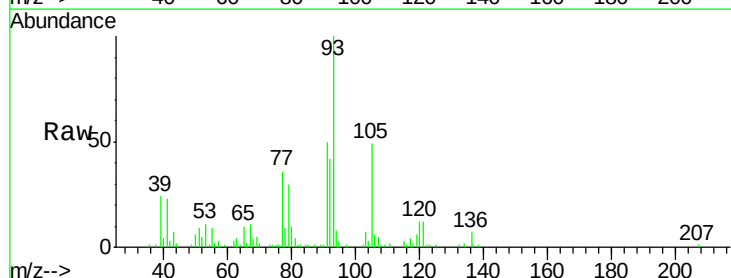


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

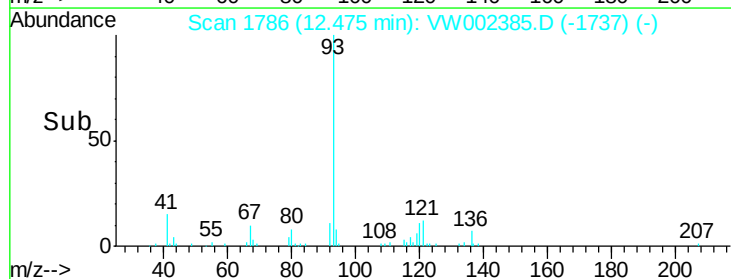
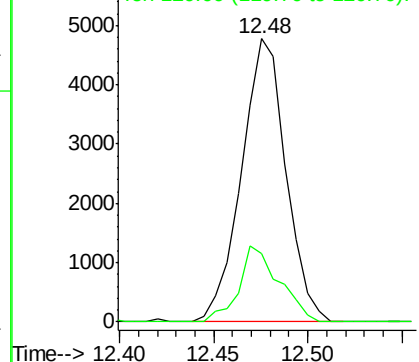


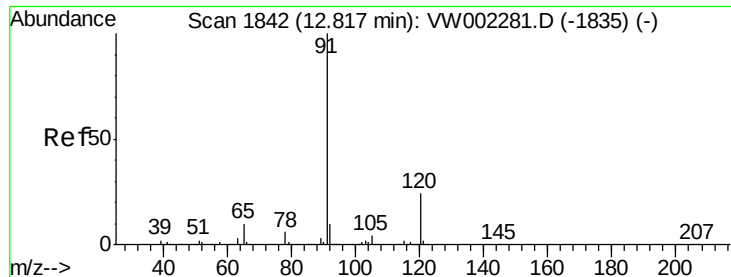
#73
 Isopropylbenzene
 Concen: 1.38 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VW002385.D
 Acq: 10 May 2018 17:15

Tgt Ion:105 Resp: 7802
 Ion Ratio Lower Upper
 105 100
 120 24.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

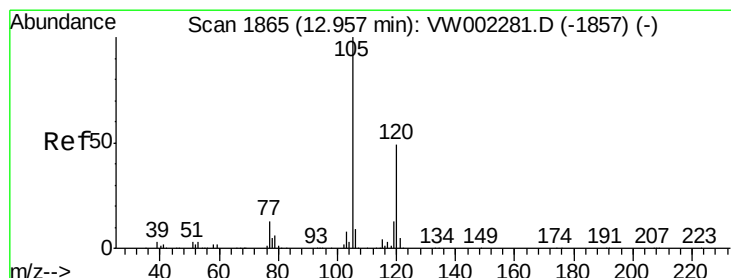
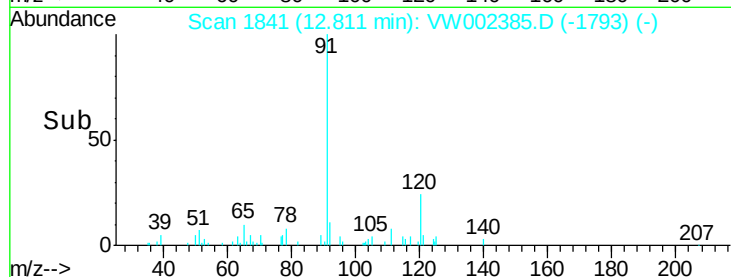
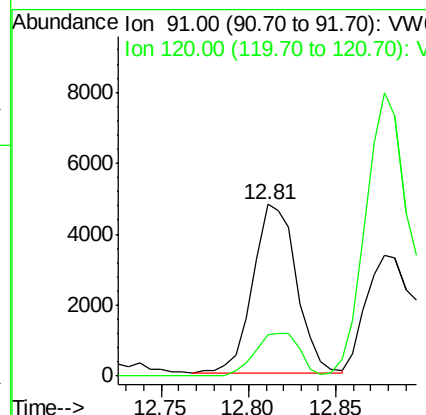
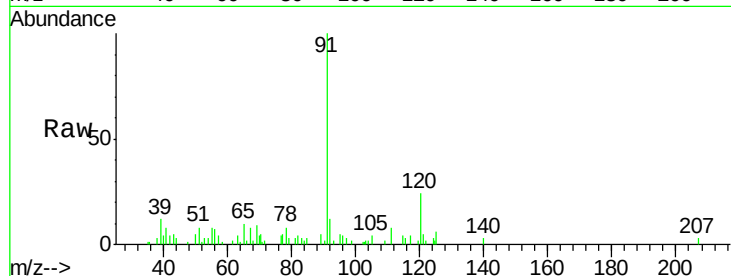




#78
n-propylbenzene
Concen: 1.21 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VW002385.D
Acq: 10 May 2018 17:15

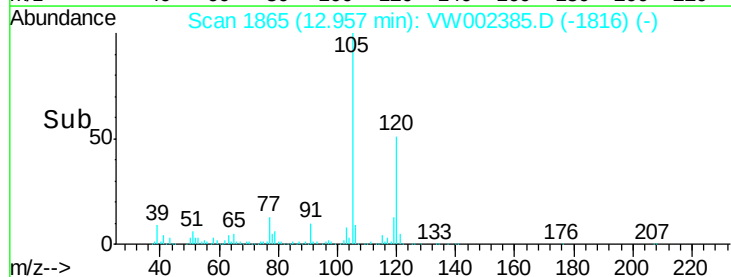
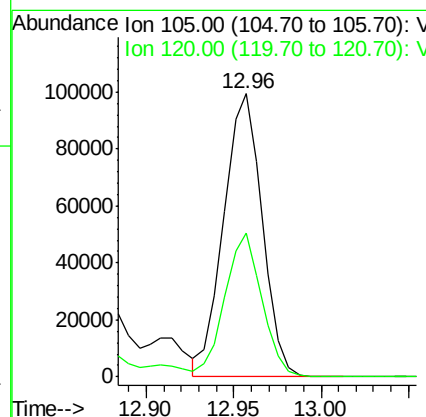
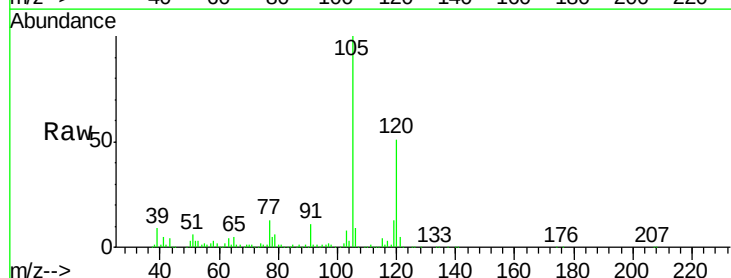
Instrument :
MSVOA_W
ClientSampled :
TP-5ARE

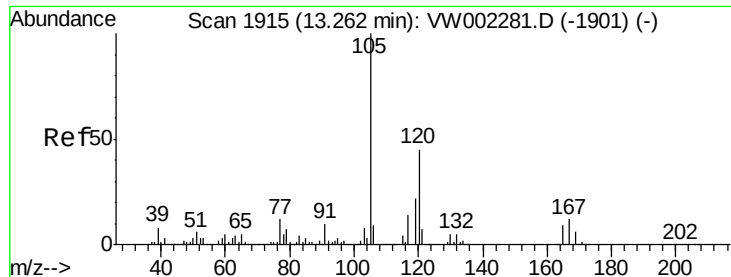
Tot Ion: 91 Resp: 8154
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.5#



#80
1,3,5-Trimethylbenzene
Concen: 31.72 ug/l
RT: 12.96 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VW002385.D
Acq: 10 May 2018 17:15

Tgt Ion: 105 Resp: 151233
Ion Ratio Lower Upper
105 100
120 49.2 24.6 74.0





#84

1,2,4-Trimethylbenzene

Concen: 15.00 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW002385.D

Acq: 10 May 2018 17:15

Instrument :

MSVOA_W

ClientSampled :

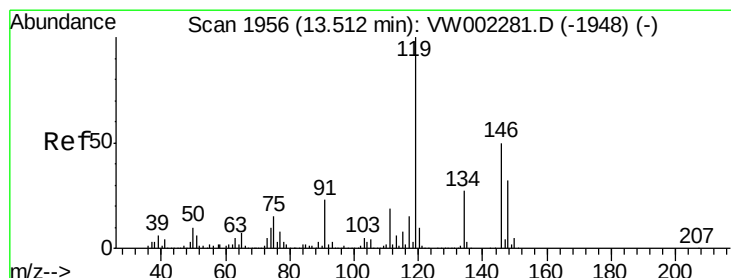
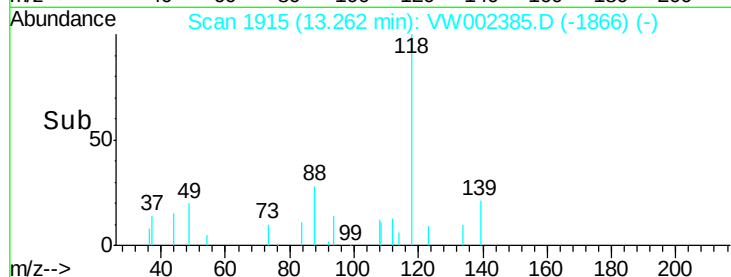
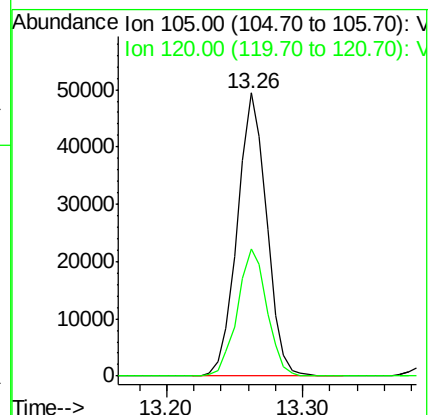
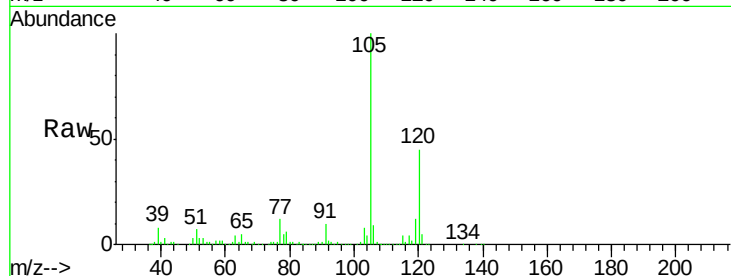
TP-5ARE

Tot Ion:105 Resp: 74159

Ion Ratio Lower Upper

105 100

120 45.1 22.5 67.5



#86

p-Isopropyltoluene

Concen: 1.74 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW002385.D

Acq: 10 May 2018 17:15

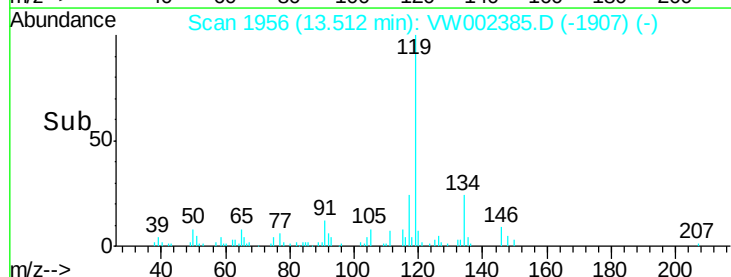
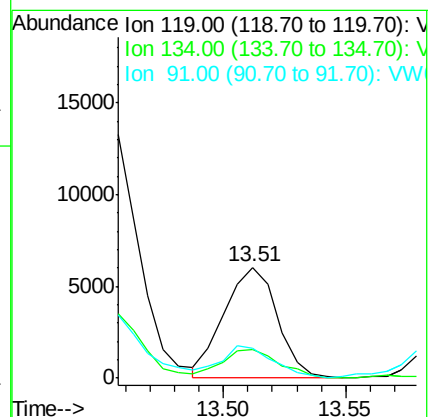
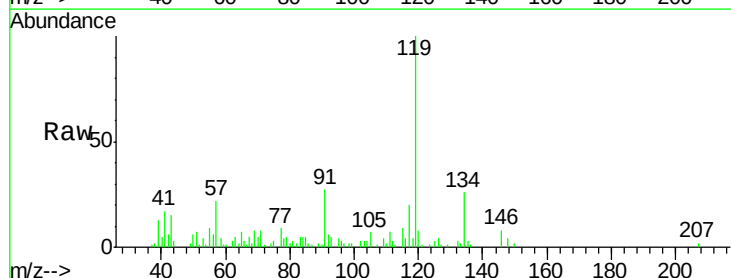
Tgt Ion:119 Resp: 9123

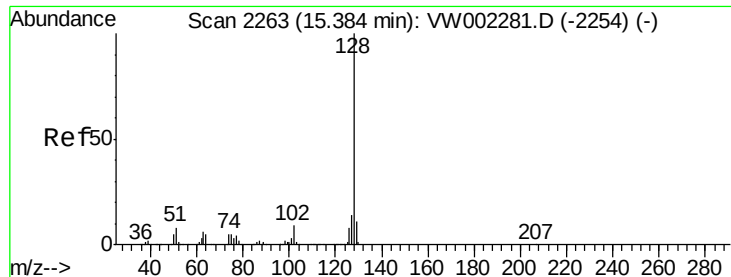
Ion Ratio Lower Upper

119 100

134 27.8 13.3 39.9

91 27.3 11.8 35.3





#95

Naphthalene

Concen: 32.53 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002385.D

Acq: 10 May 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

TP-5ARE

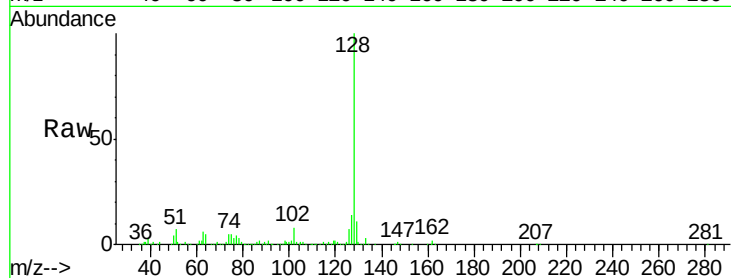
Tot Ion:128 Resp: 109704

Ion Ratio Lower Upper

128 100

127 14.2 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

