

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016861.D
 Acq On : 19 Jun 2020 00:40
 Operator : JC/SP
 Sample : L3020-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Quant Time: Jun 19 03:53:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 15:20:47 2020
 Response via : Initial Calibration

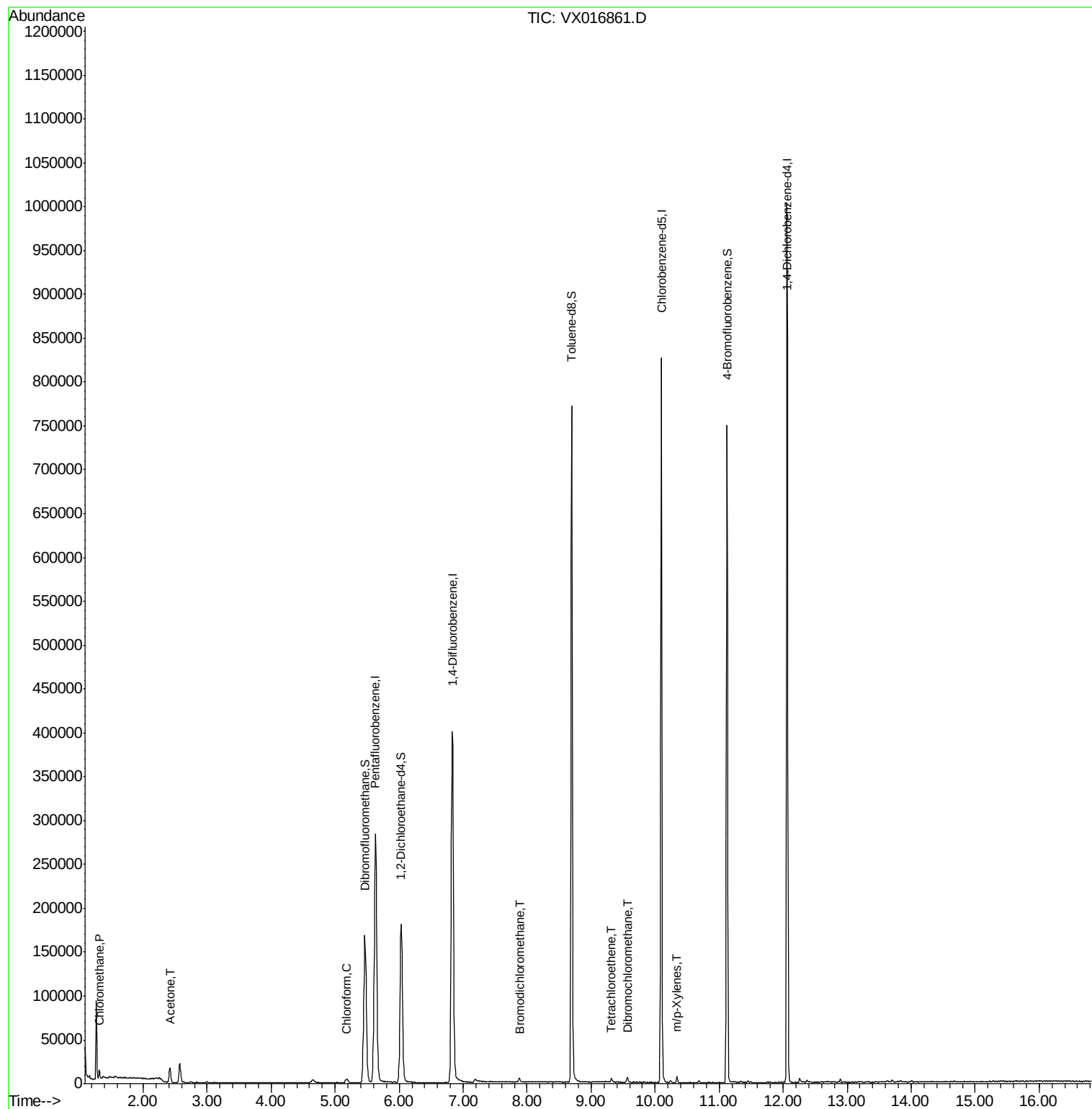
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	287571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	171252	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	5.46	113	147628	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	8.70	98	466269	42.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.30%	
62) 4-Bromofluorobenzene	11.12	95	194918	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	5819	1.626	ug/l	98
16) Acetone	2.42	43	17016	1.191	ug/l	96
30) Chloroform	5.18	83	5228	1.018	ug/l	89
47) Bromodichloromethane	7.87	83	3083	0.719	ug/l #	98
60) Dibromochloromethane	9.56	129	2166	0.609	ug/l	93
64) Tetrachloroethene	9.32	164	1008	0.283	ug/l	95
68) m/p-Xylenes	10.34	106	1539	0.301	ug/l	93

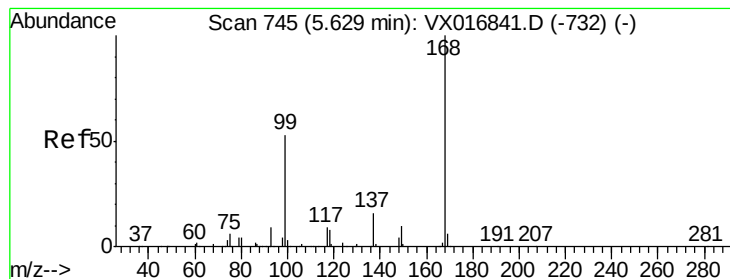
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 18 15:20:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016861.D

Acq: 19 Jun 2020 00:40

Instrument :

MSVOA_X

ClientSampleId :

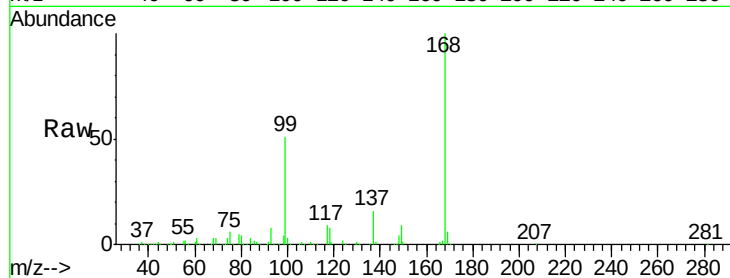
MW-25

Tot Ion:168 Resp: 287571

Ion Ratio Lower Upper

168 100

99 50.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

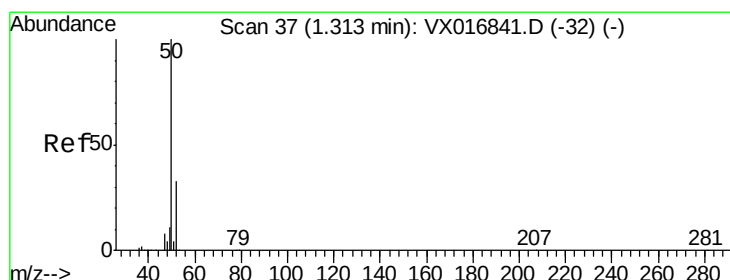
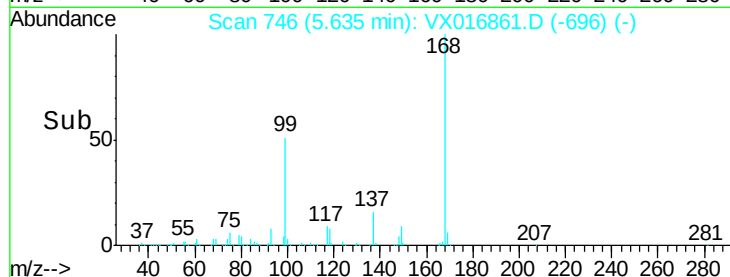
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.626 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016861.D

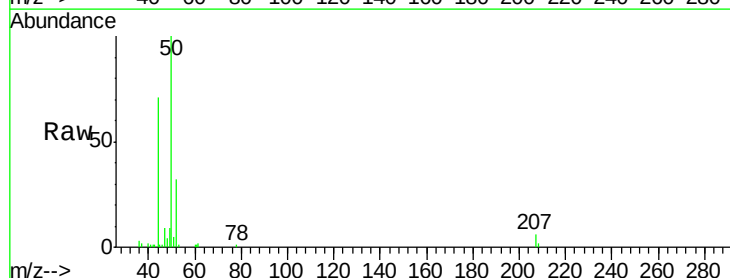
Acq: 19 Jun 2020 00:40

Tgt Ion: 50 Resp: 5819

Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

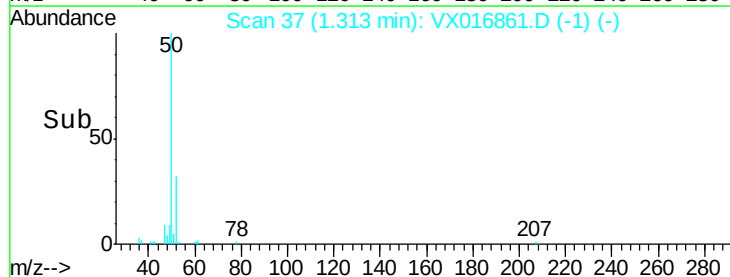
6000

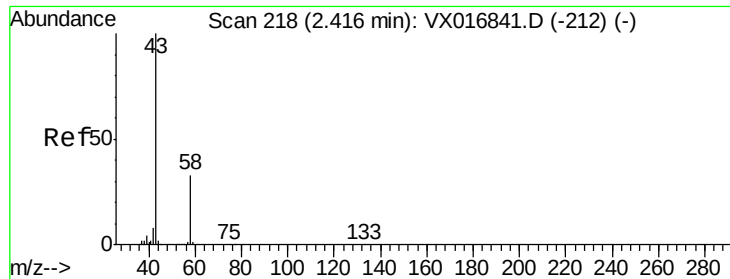
4000

2000

0

Time-->





#16

Acetone

Concen: 1.191 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016861.D

Acq: 19 Jun 2020 00:40

Instrument :

MSVOA_X

ClientSampled :

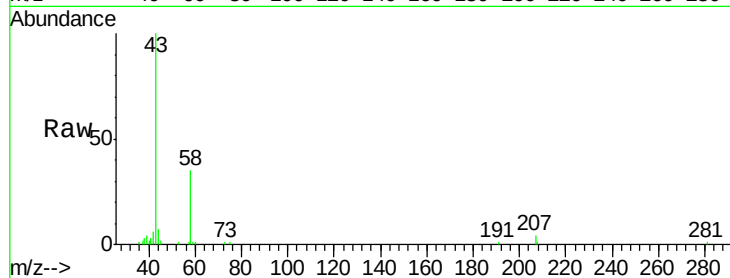
MW-25

Tot Ion: 43 Resp: 17016

Ion Ratio Lower Upper

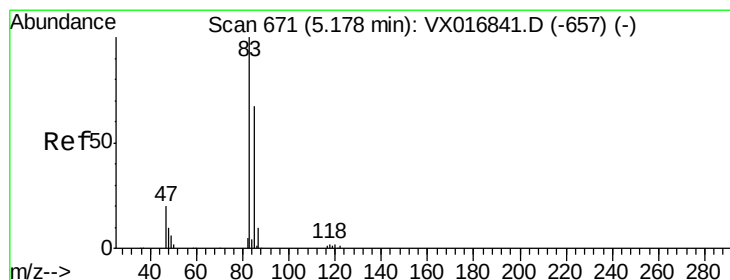
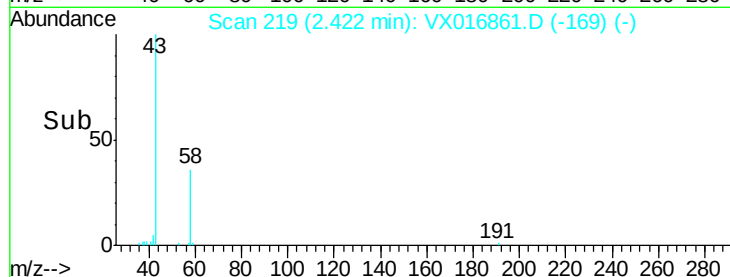
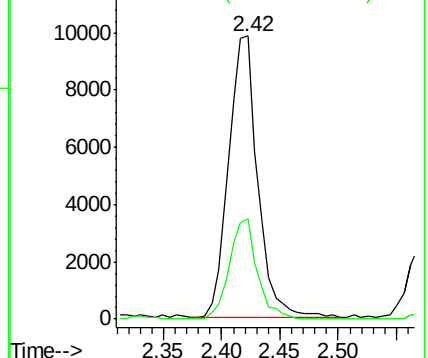
43 100

58 35.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#30

Chloroform

Concen: 1.018 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016861.D

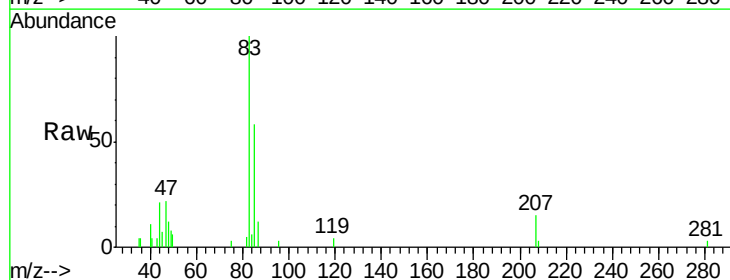
Acq: 19 Jun 2020 00:40

Tgt Ion: 83 Resp: 5228

Ion Ratio Lower Upper

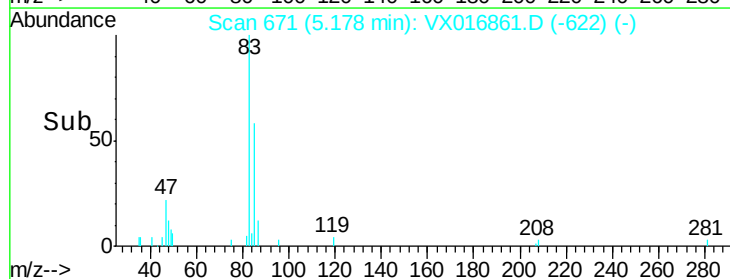
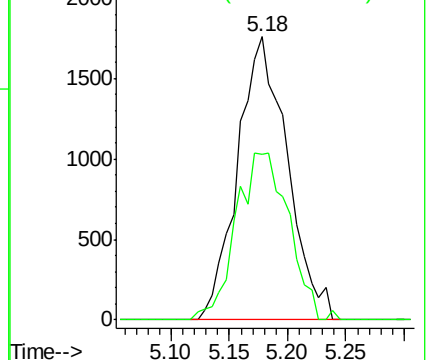
83 100

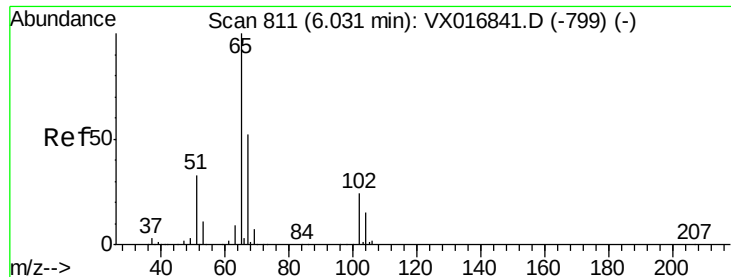
85 58.3 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

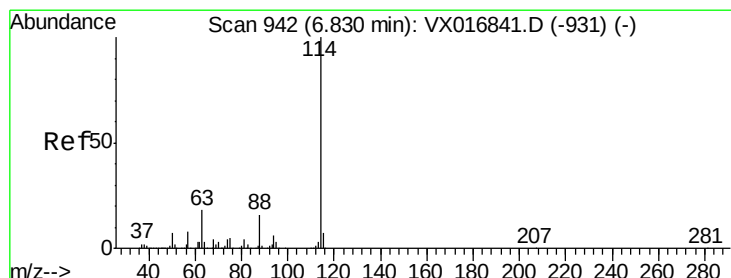
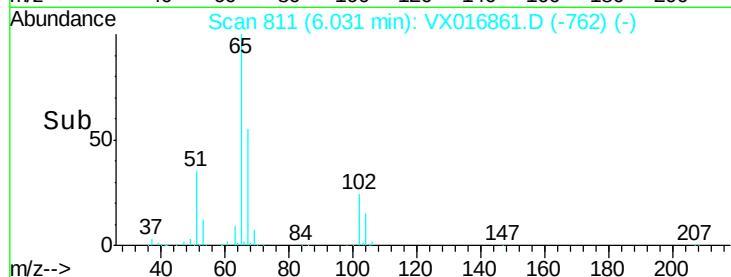
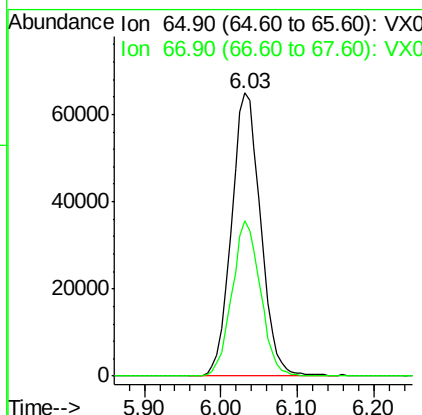
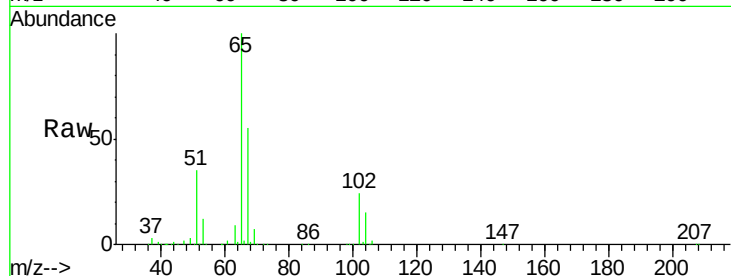




#33
 1,2-Dichloroethane-d4
 Concen: 49.516 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016861.D
 Acq: 19 Jun 2020 00:40

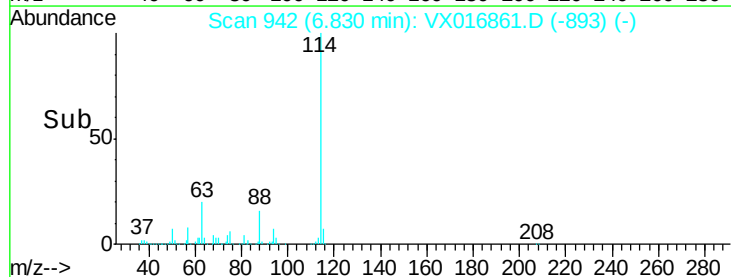
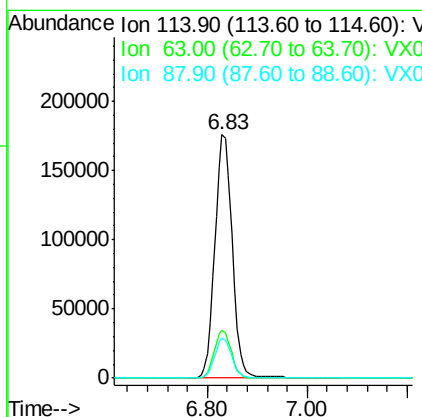
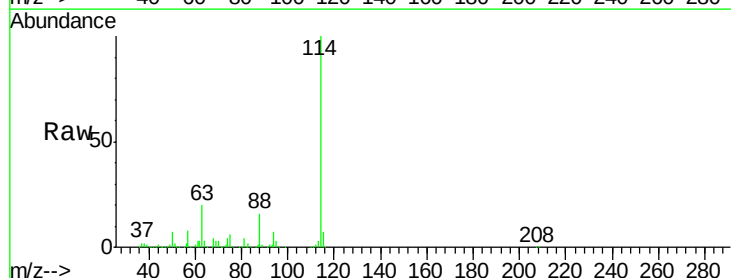
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

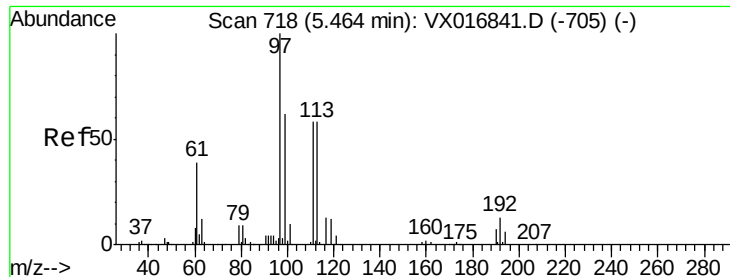
Tot Ion: 65 Resp: 171252
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016861.D
 Acq: 19 Jun 2020 00:40

Tgt Ion: 114 Resp: 427120
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.0
 88 16.3 0.0 32.0

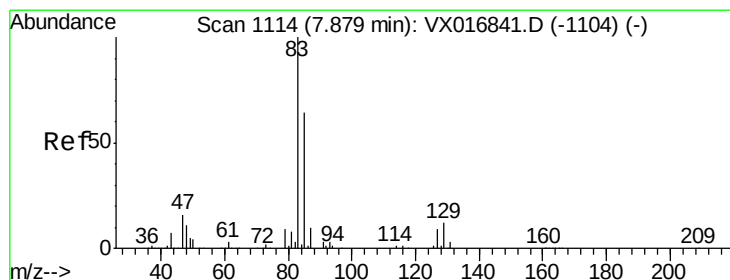
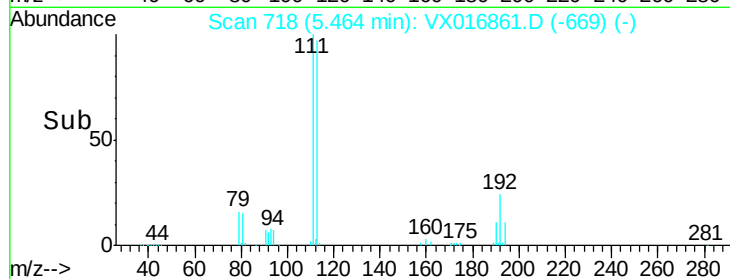
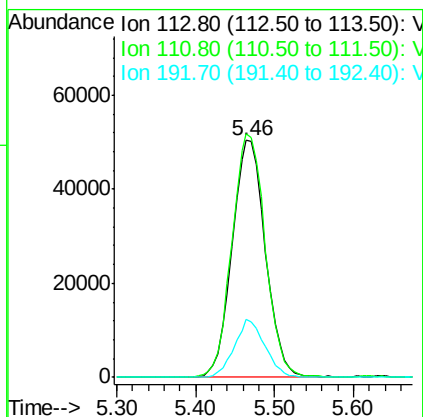
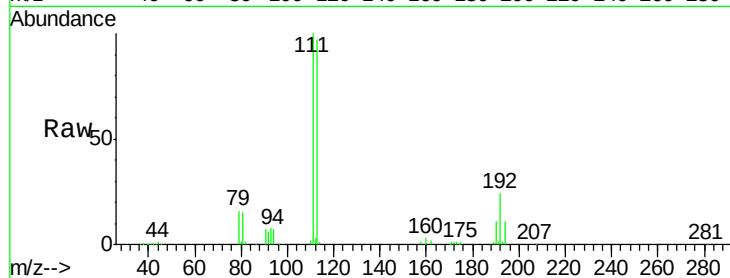




#35
 Dibromofluoromethane
 Concen: 54.031 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016861.D
 Acq: 19 Jun 2020 00:40

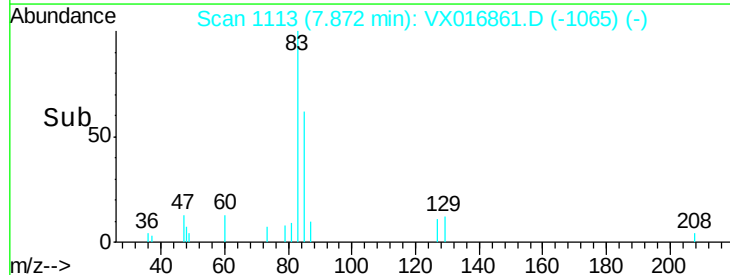
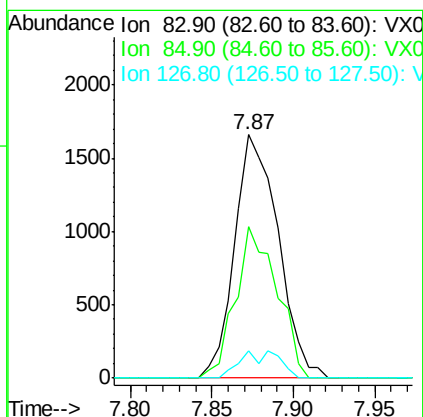
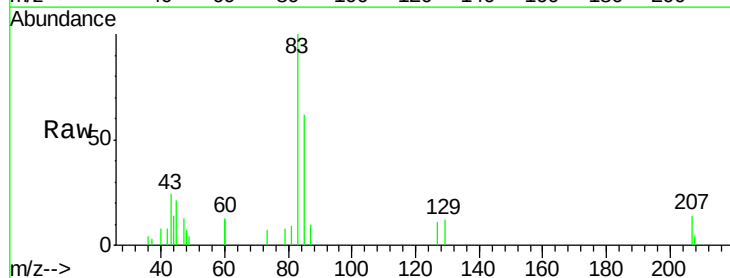
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

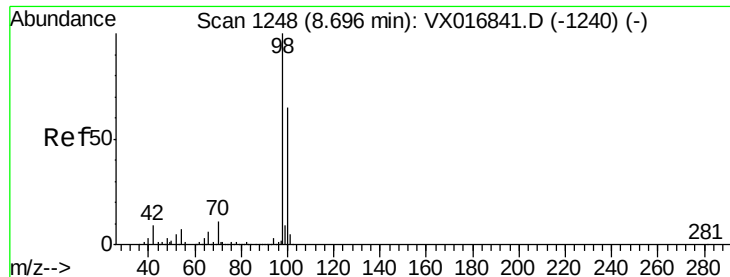
Tot Ion:113 Resp: 147628
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.4
 192 22.5 18.5 27.7



#47
 Bromodichloromethane
 Concen: 0.719 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VX016861.D
 Acq: 19 Jun 2020 00:40

Tgt Ion: 83 Resp: 3083
 Ion Ratio Lower Upper
 83 100
 85 62.1 50.9 76.3
 127 11.3 7.4 11.0#

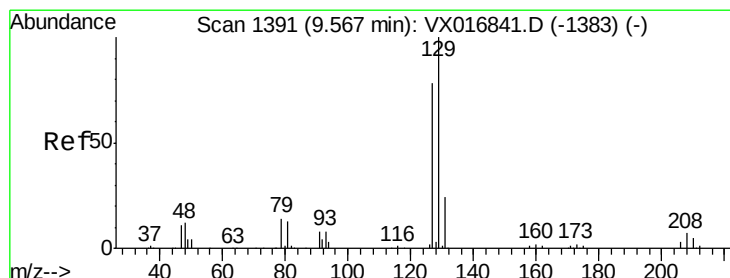
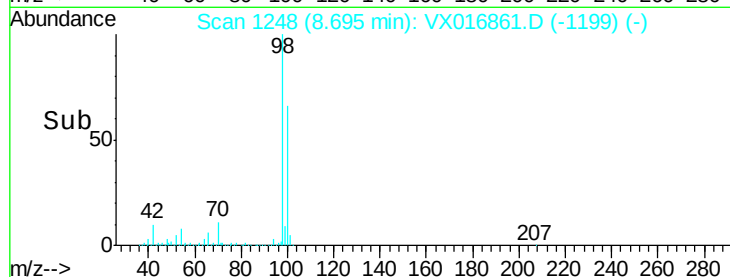
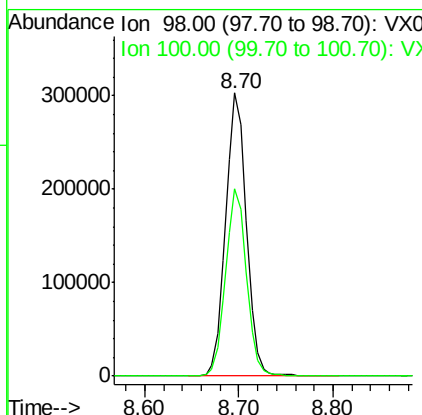
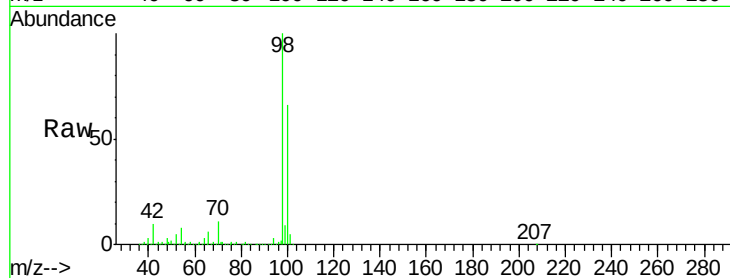




#50
Toluene-d8
Concen: 42.654 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016861.D
Acq: 19 Jun 2020 00:40

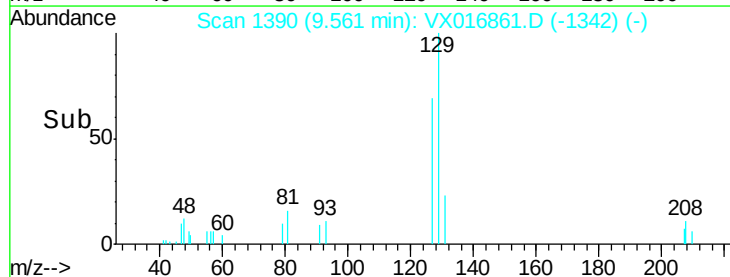
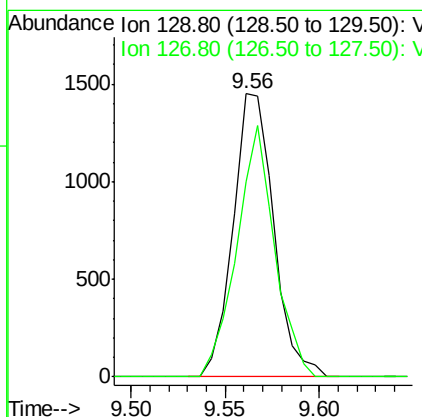
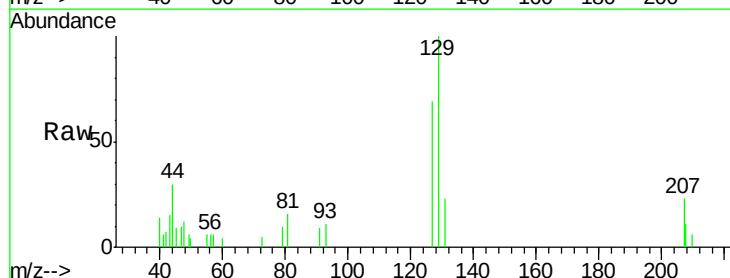
Instrument :
MSVOA_X
ClientSampleId :
MW-25

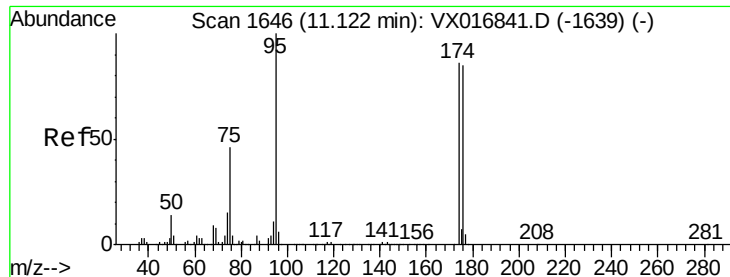
Tot Ion: 98 Resp: 466269
Ion Ratio Lower Upper
98 100
100 66.7 54.0 81.0



#60
Dibromochloromethane
Concen: 0.609 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016861.D
Acq: 19 Jun 2020 00:40

Tgt Ion: 129 Resp: 2166
Ion Ratio Lower Upper
129 100
127 83.0 38.5 115.5





#62

4-Bromofluorobenzene

Concen: 46.538 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016861.D

Acq: 19 Jun 2020 00:40

Instrument :

MSVOA_X

ClientSampleId :

MW-25

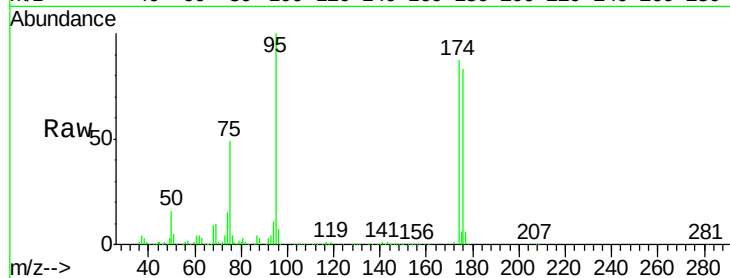
Tot Ion: 95 Resp: 194918

Ion Ratio Lower Upper

95 100

174 87.4 0.0 174.2

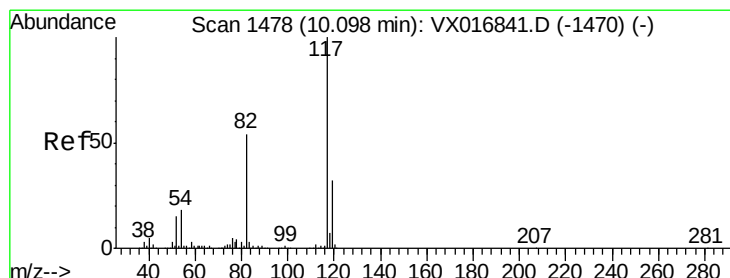
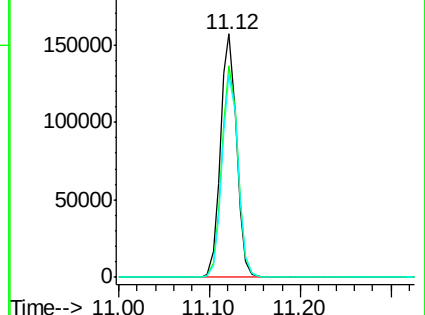
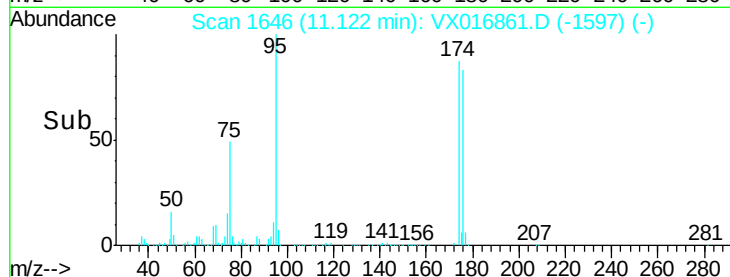
176 83.7 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX016861.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016861.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016861.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016861.D

Acq: 19 Jun 2020 00:40

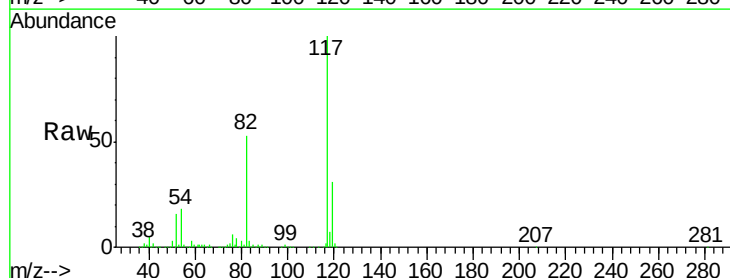
Tgt Ion: 117 Resp: 384572

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

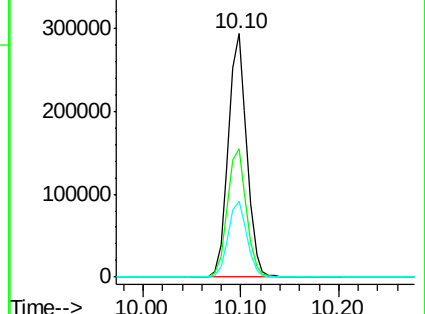
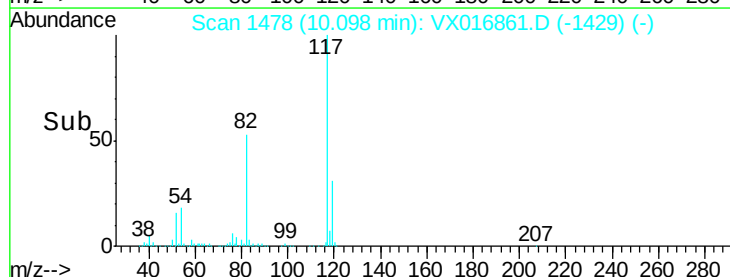
119 31.4 25.7 38.5

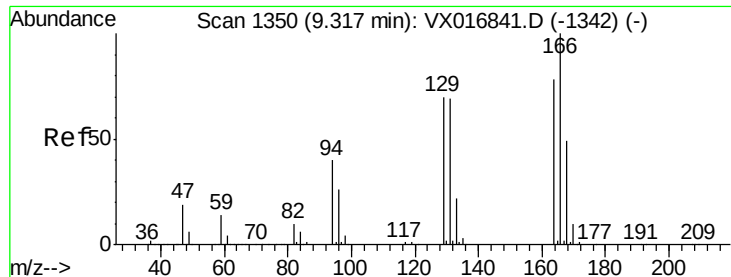


Abundance Ion 116.90 (116.60 to 117.60): VX016861.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016861.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016861.D (-1429) (-)

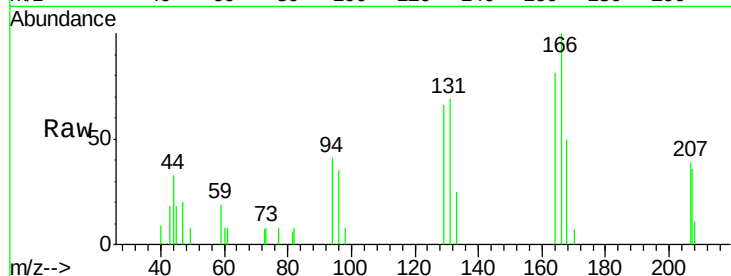




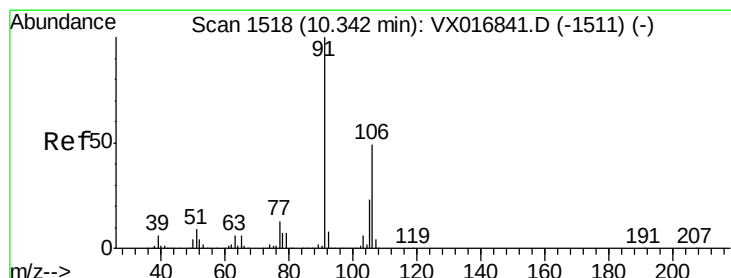
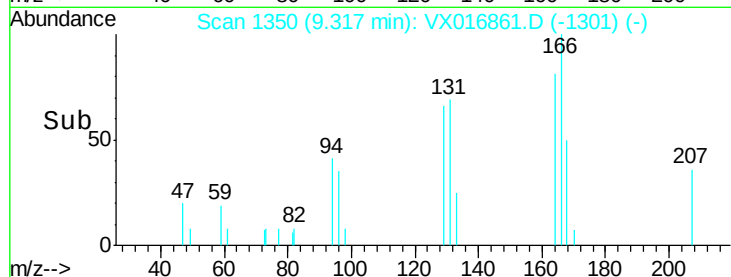
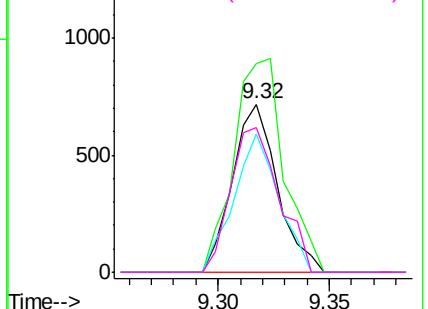
#64
Tetrachloroethene
Concen: 0.283 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016861.D
Acq: 19 Jun 2020 00:40

Instrument :
MSVOA_X
ClientSampled :
MW-25

Tot Ion:164 Resp: 1008
Ion Ratio Lower Upper
164 100
166 124.1 102.6 153.8
129 82.2 72.2 108.2
131 86.1 70.8 106.2

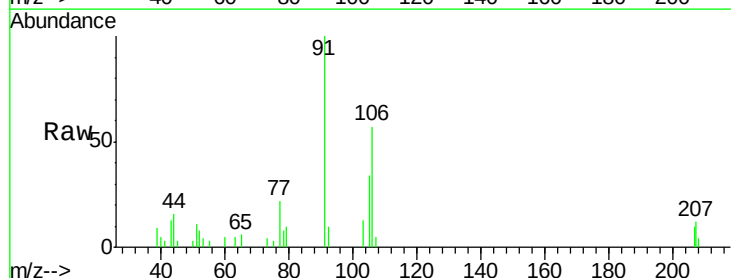


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

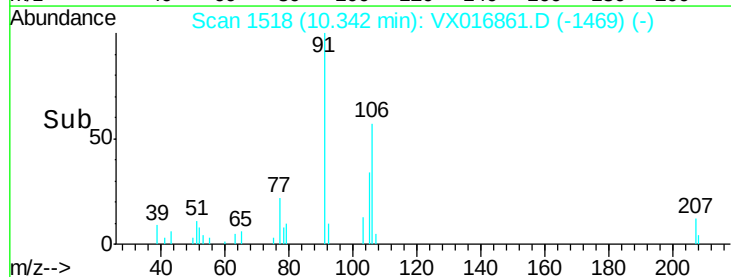
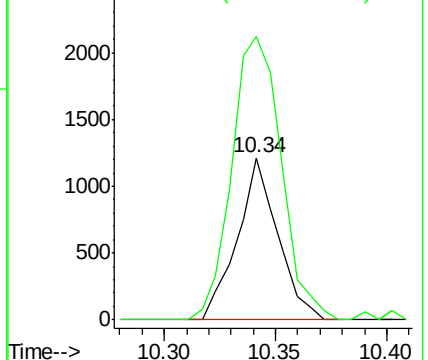


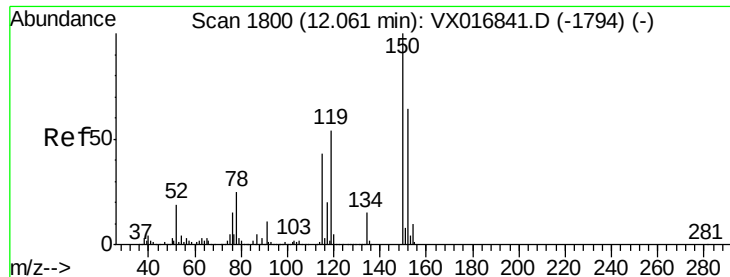
#68
m/p-Xylenes
Concen: 0.301 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016861.D
Acq: 19 Jun 2020 00:40

Tgt Ion:106 Resp: 1539
Ion Ratio Lower Upper
106 100
91 213.3 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016861.D

Acq: 19 Jun 2020 00:40

Instrument :

MSVOA_X

ClientSampleId :

MW-25

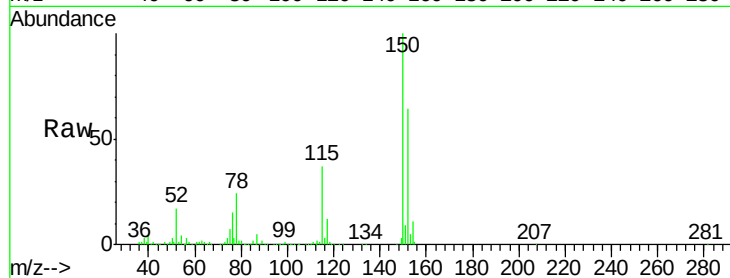
Tot Ion:152 Resp: 214745

Ion Ratio Lower Upper

152 100

115 57.3 40.9 122.8

150 153.7 0.0 344.2



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

