

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016859.D
 Acq On : 18 Jun 2020 23:55
 Operator : JC/SP
 Sample : L3020-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Jun 19 03:49:57 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

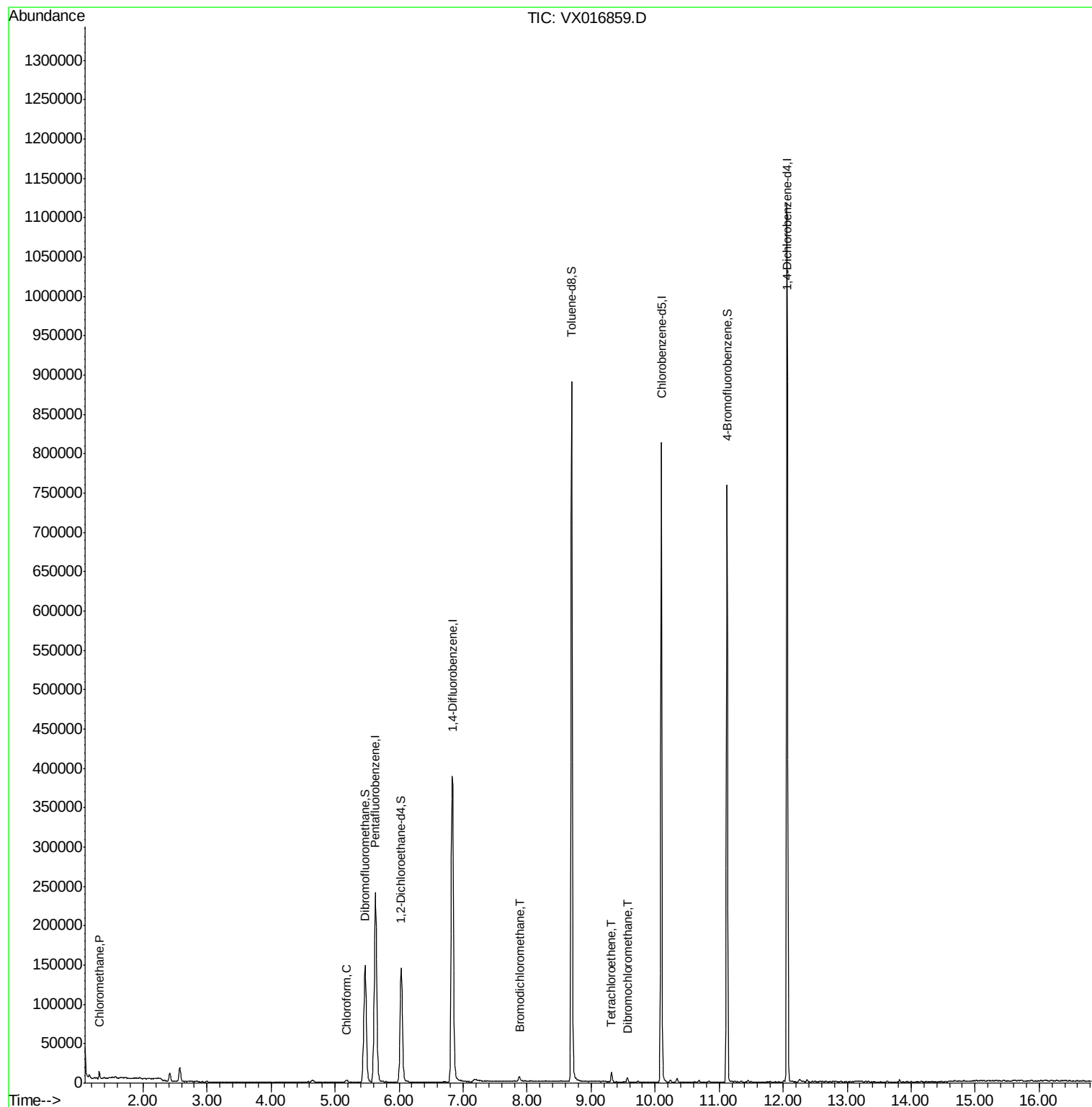
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	238990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	418631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	382391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	139472	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.46	113	130742	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	8.70	98	531501	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.12	95	194030	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	5145	1.730	ug/l	98
30) Chloroform	5.18	83	3875	0.908	ug/l	89
47) Bromodichloromethane	7.88	83	3681	0.875	ug/l	91
60) Dibromochloromethane	9.57	129	2441	0.700	ug/l	95
64) Tetrachloroethene	9.32	164	2525	0.713	ug/l	89

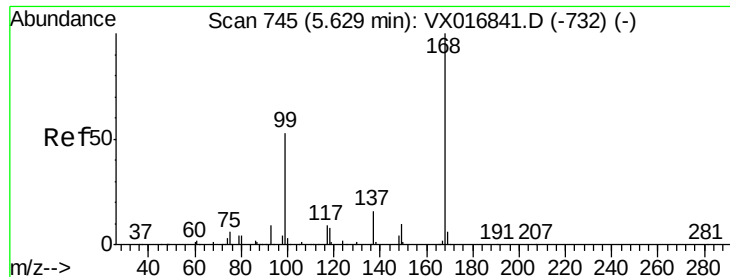
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016859.D

Acq: 18 Jun 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

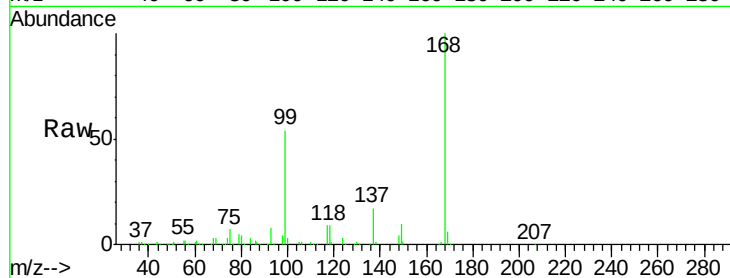
MW-22

Tot Ion:168 Resp: 238990

Ion Ratio Lower Upper

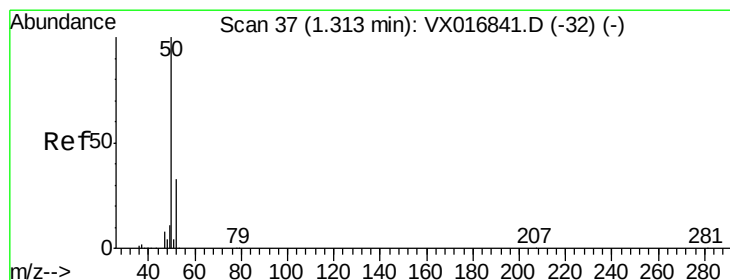
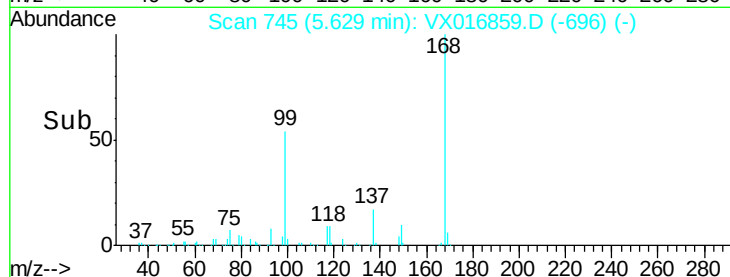
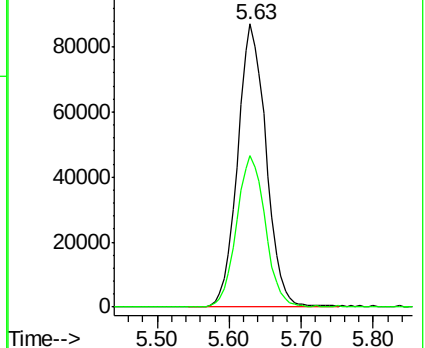
168 100

99 53.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.730 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016859.D

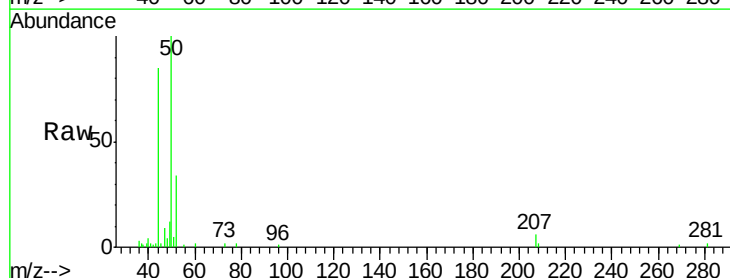
Acq: 18 Jun 2020 23:55

Tgt Ion: 50 Resp: 5145

Ion Ratio Lower Upper

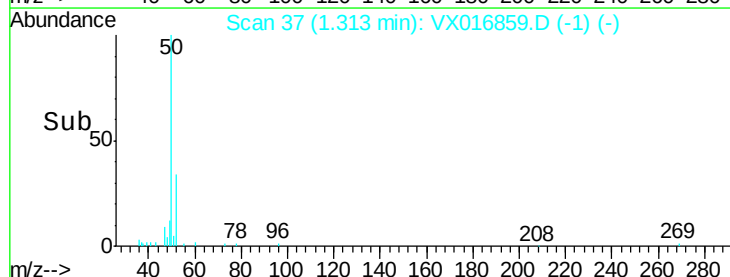
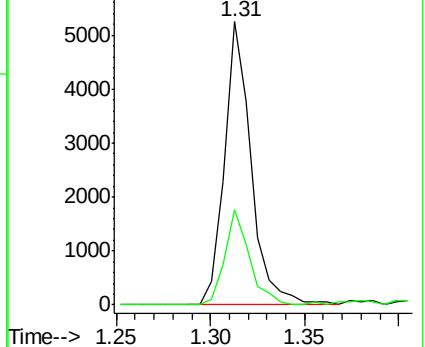
50 100

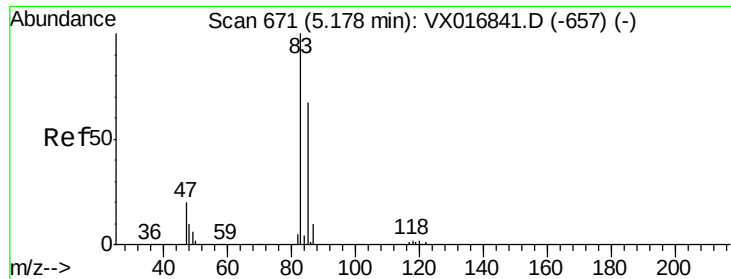
52 33.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

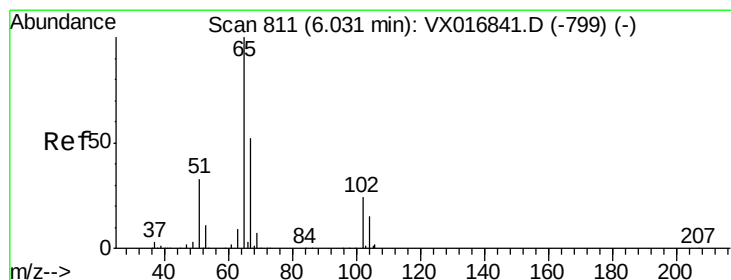
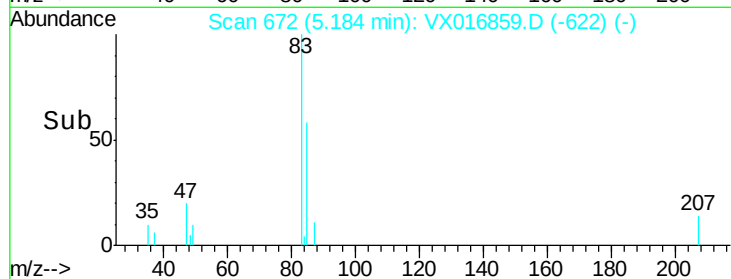
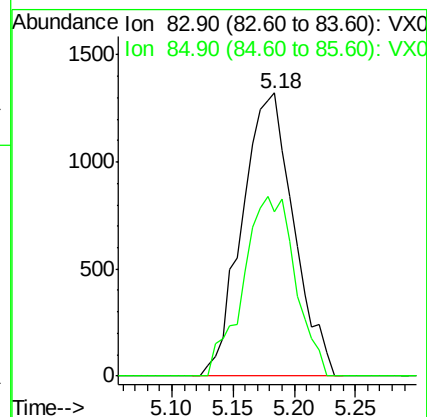
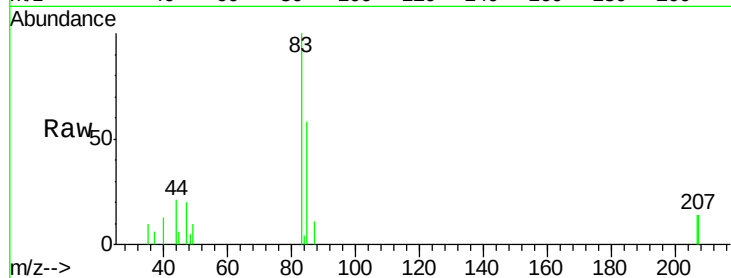




#30
Chloroform
Concen: 0.908 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016859.D
Acq: 18 Jun 2020 23:55

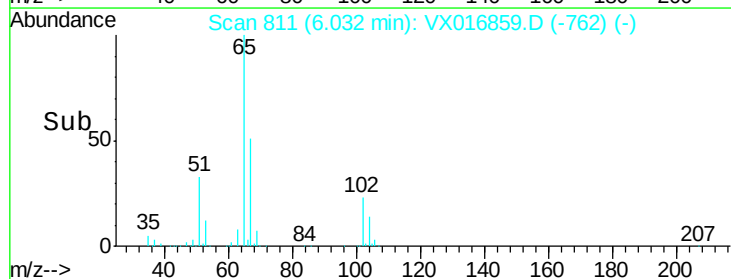
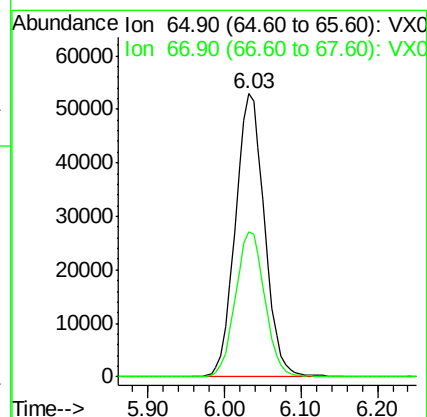
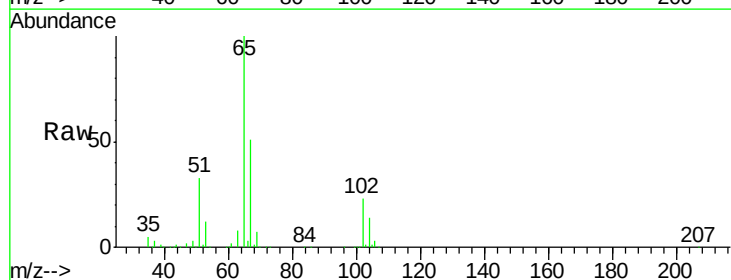
Instrument :
MSVOA_X
ClientSampled :
MW-22

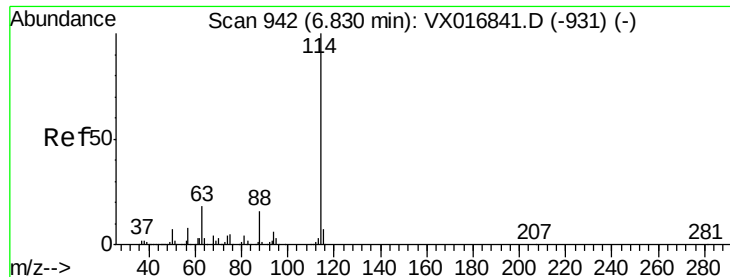
Tot Ion: 83 Resp: 3875
Ion Ratio Lower Upper
83 100
85 58.2 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 48.524 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016859.D
Acq: 18 Jun 2020 23:55

Tgt Ion: 65 Resp: 139472
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.6

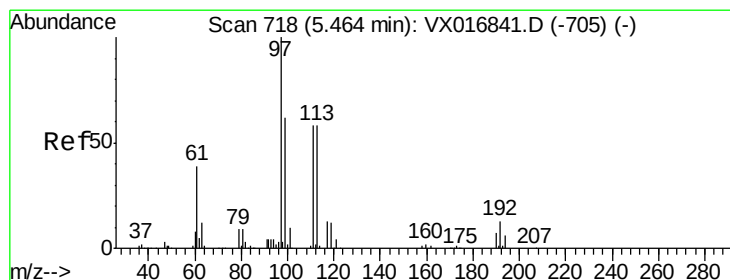
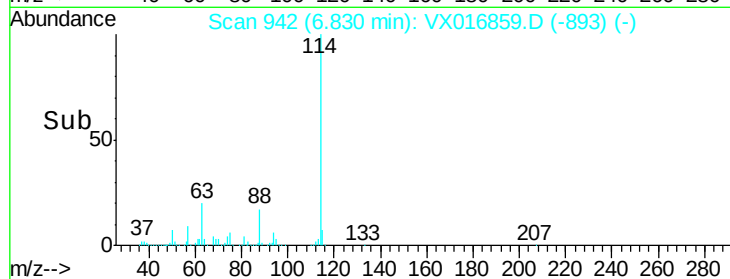
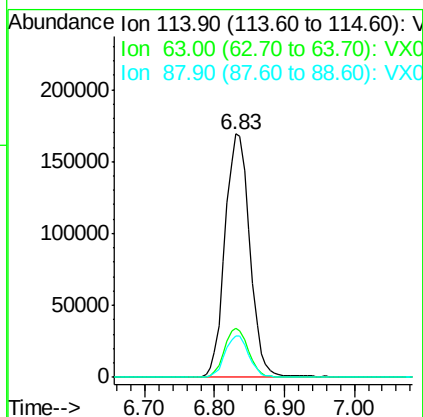
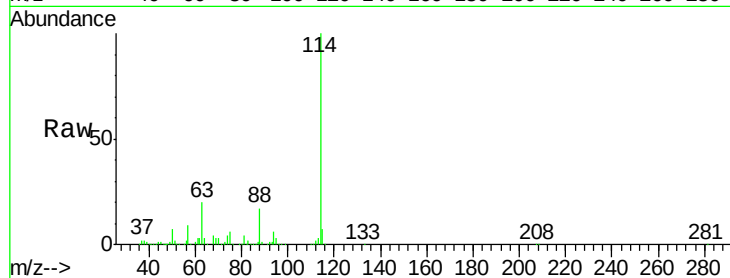




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016859.D
 Acq: 18 Jun 2020 23:55

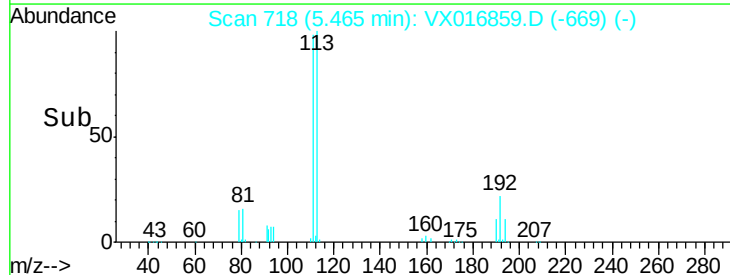
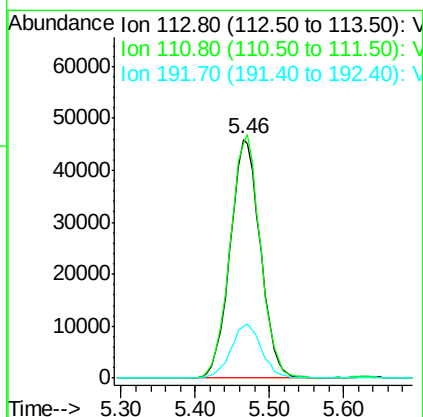
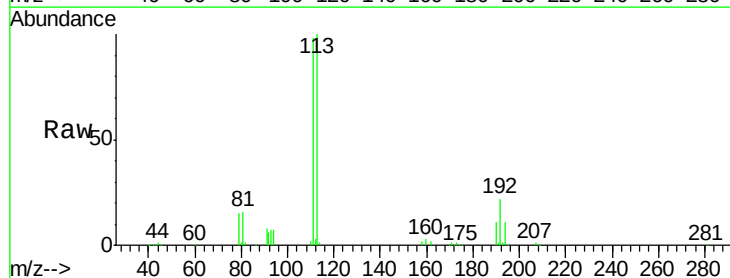
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

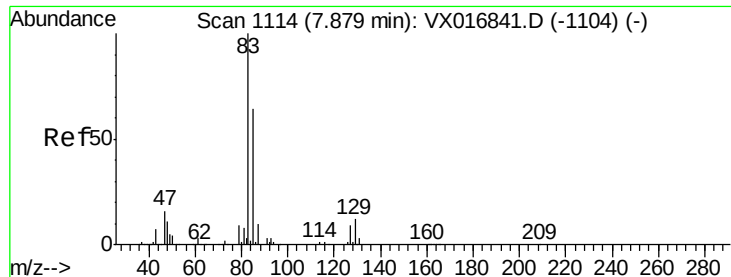
Tot Ion:114 Resp: 418631
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.0
 88 16.9 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 48.821 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016859.D
 Acq: 18 Jun 2020 23:55

Tgt Ion:113 Resp: 130742
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.4
 192 22.7 18.5 27.7





#47

Bromodichloromethane

Concen: 0.875 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016859.D

Acq: 18 Jun 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

MW-22

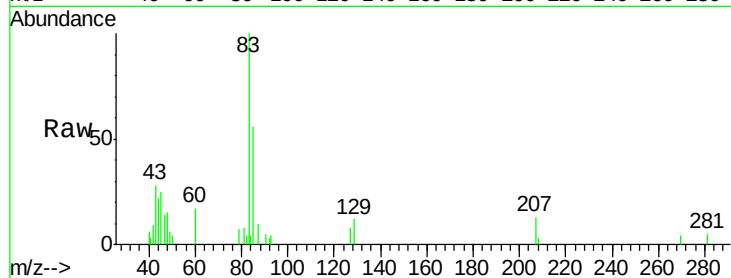
Tot Ion: 83 Resp: 3681

Ion Ratio Lower Upper

83 100

85 56.4 50.9 76.3

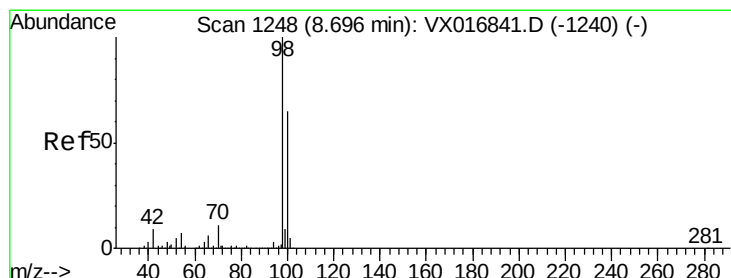
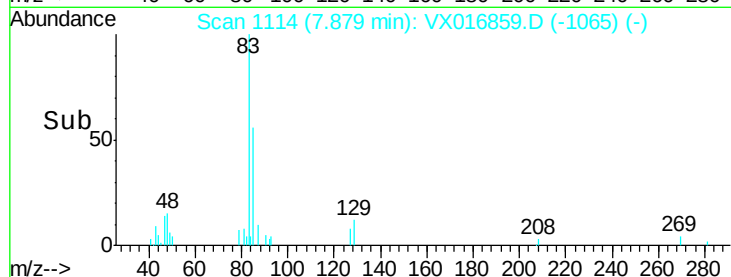
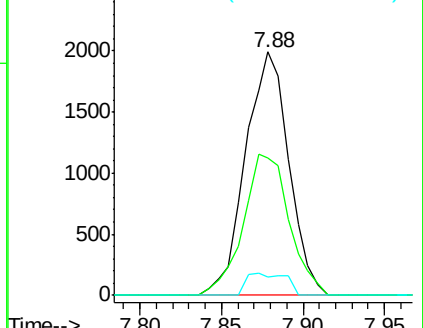
127 7.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 49.607 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016859.D

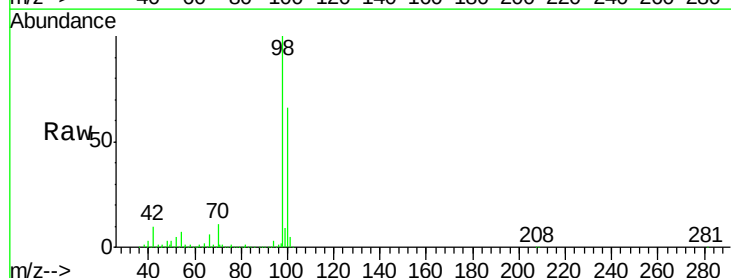
Acq: 18 Jun 2020 23:55

Tgt Ion: 98 Resp: 531501

Ion Ratio Lower Upper

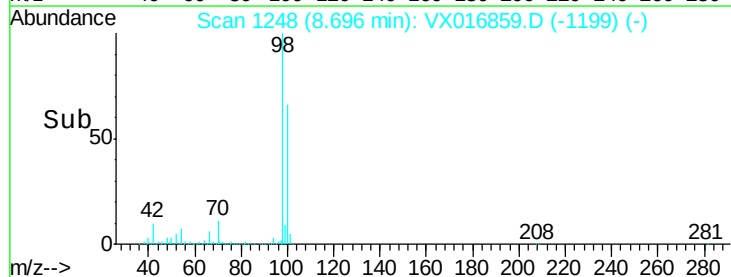
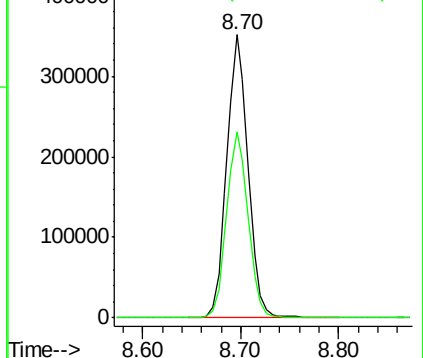
98 100

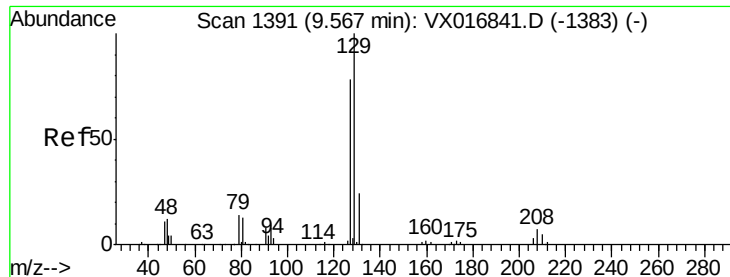
100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 0.700 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016859.D

Acq: 18 Jun 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

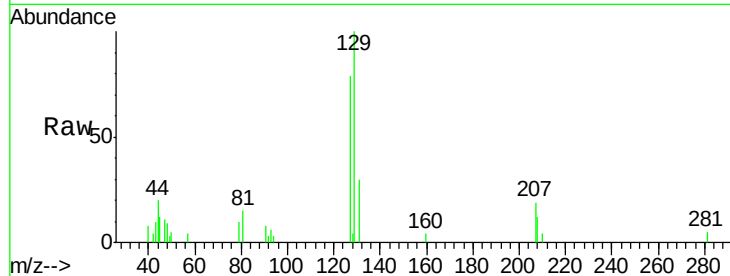
MW-22

Tot Ion:129 Resp: 2441

Ion Ratio Lower Upper

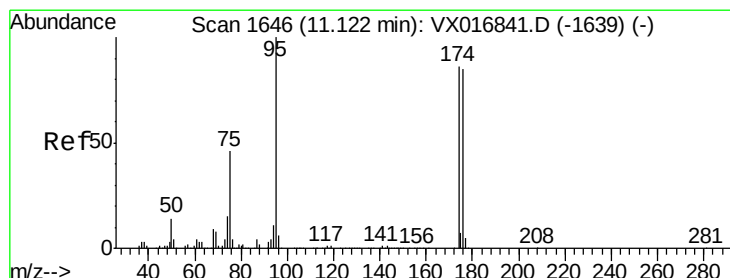
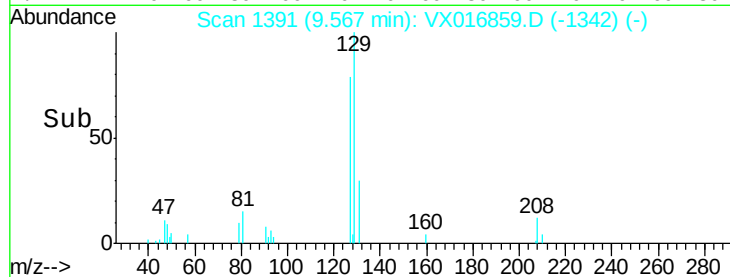
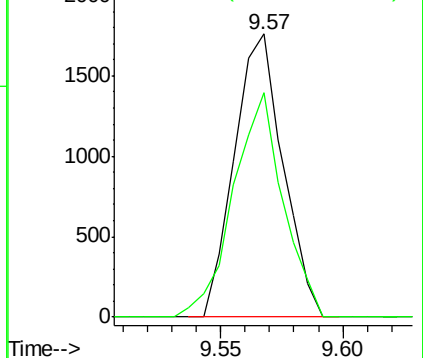
129 100

127 81.0 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 47.266 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016859.D

Acq: 18 Jun 2020 23:55

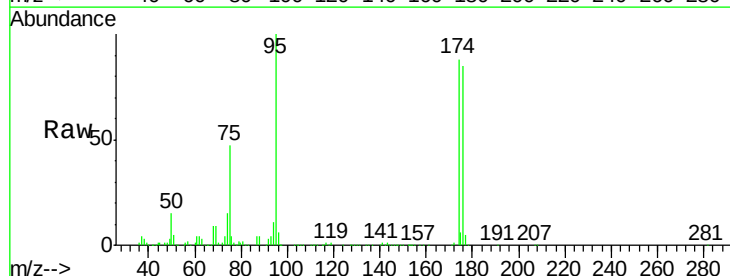
Tgt Ion: 95 Resp: 194030

Ion Ratio Lower Upper

95 100

174 87.7 0.0 174.2

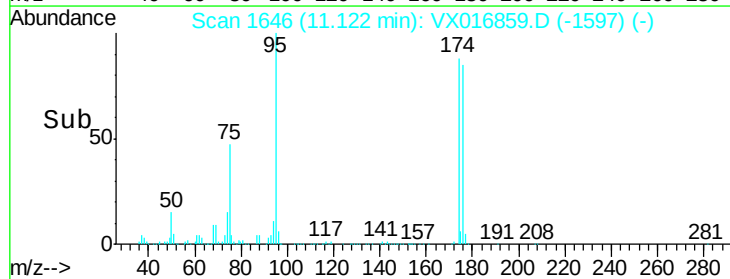
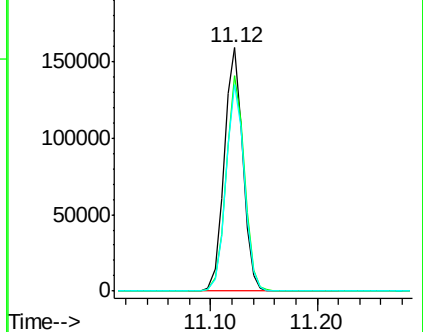
176 84.5 0.0 170.0

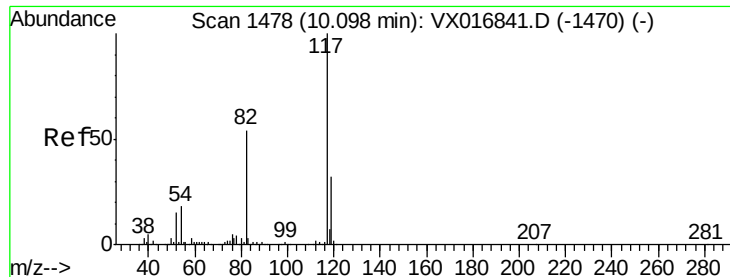


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

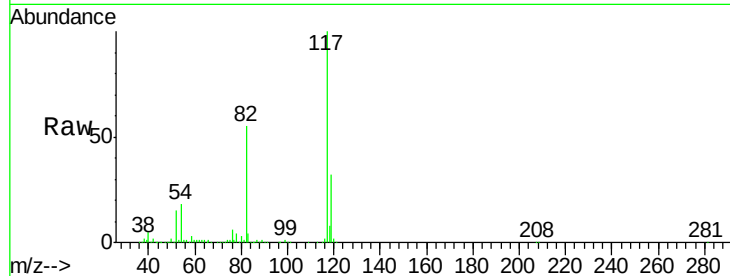




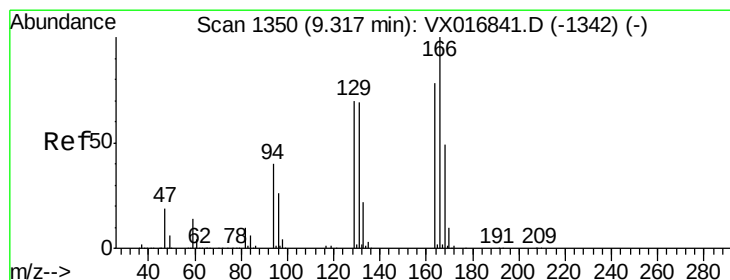
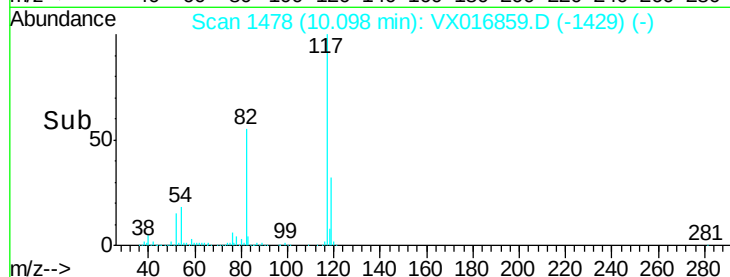
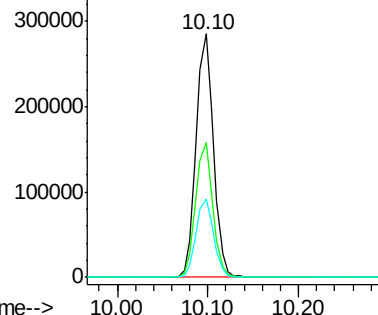
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016859.D
Acq: 18 Jun 2020 23:55

Instrument :
MSVOA_X
ClientSampleId :
MW-22

Tot Ion:117 Resp: 382391
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 32.3 25.7 38.5



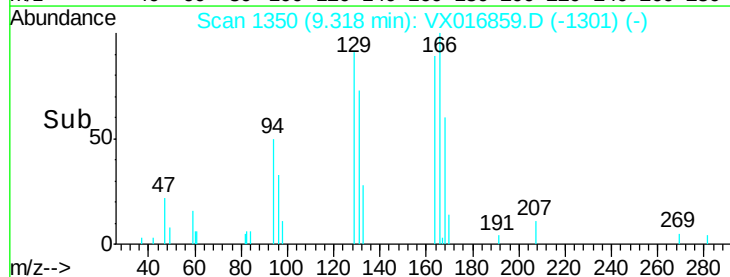
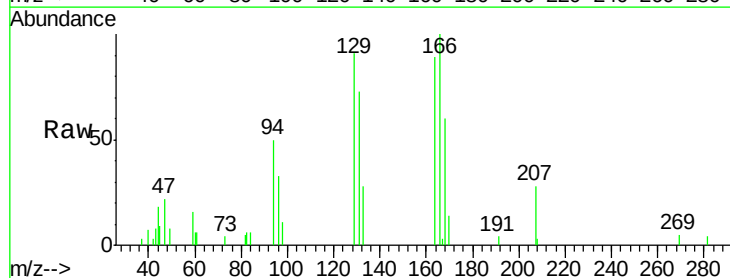
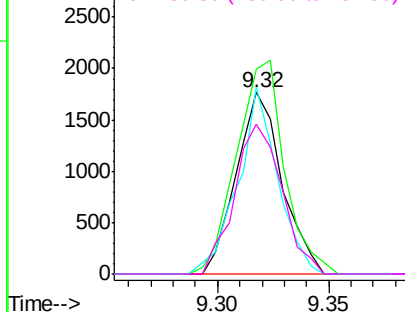
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

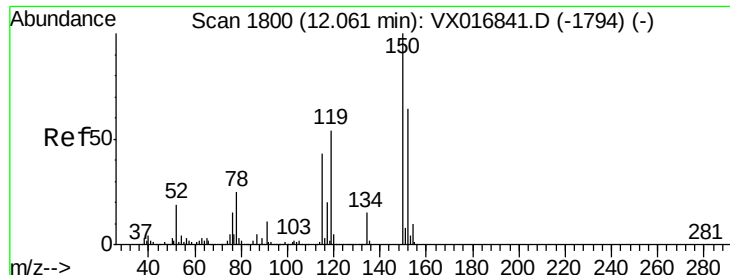


#64
Tetrachloroethene
Concen: 0.713 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016859.D
Acq: 18 Jun 2020 23:55

Tgt Ion:164 Resp: 2525
Ion Ratio Lower Upper
164 100
166 112.7 102.6 153.8
129 103.0 72.2 108.2
131 82.7 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016859.D

Acq: 18 Jun 2020 23:55

Instrument :

MSVOA_X

ClientSampleId :

MW-22

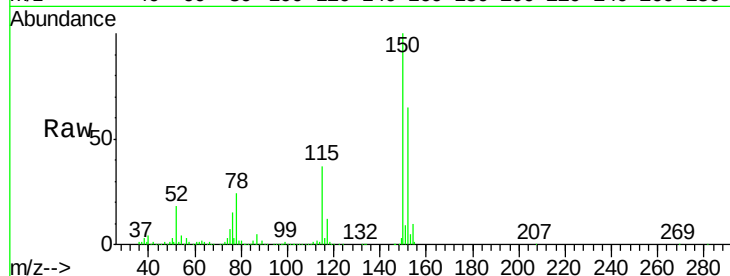
Tot Ion:152 Resp: 235861

Ion Ratio Lower Upper

152 100

115 58.1 40.9 122.8

150 156.1 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

