

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016862.D
 Acq On : 19 Jun 2020 01:03
 Operator : JC/SP
 Sample : L3020-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23

Quant Time: Jun 19 03:56:02 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

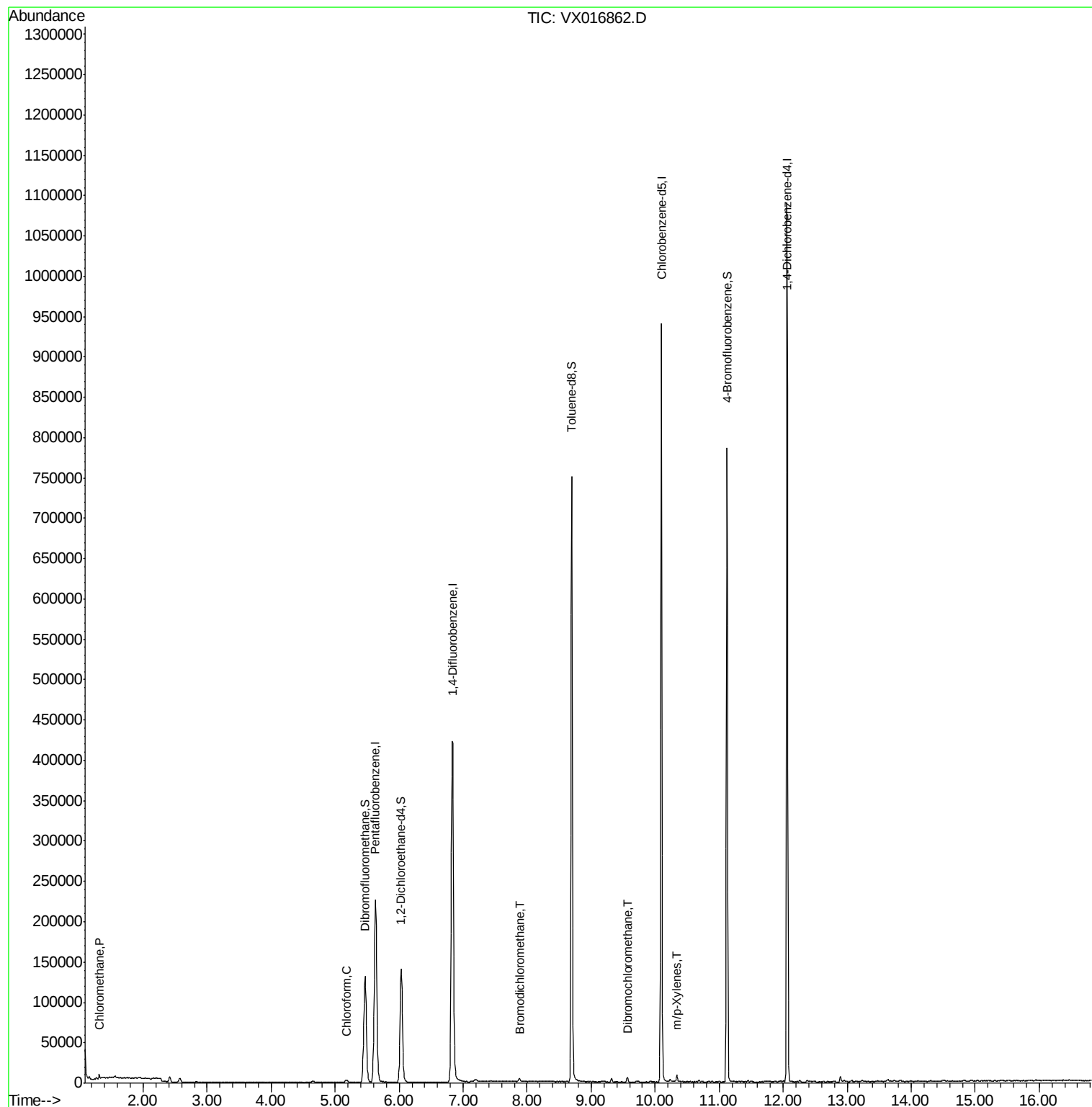
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	228227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	454077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	135238	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	5.46	113	116273	40.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.06%	
50) Toluene-d8	8.70	98	451724	38.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.74%	
62) 4-Bromofluorobenzene	11.12	95	204274	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	3156	1.111	ug/l	97
30) Chloroform	5.18	83	3025	0.742	ug/l	92
47) Bromodichloromethane	7.87	83	2641	0.579	ug/l	99
60) Dibromochloromethane	9.56	129	2262	0.598	ug/l	97
68) m/p-Xylenes	10.34	106	2022	0.350	ug/l	91

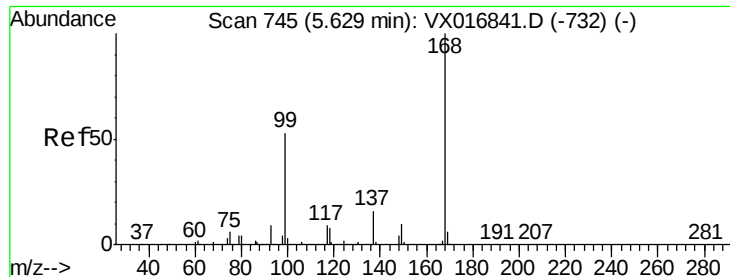
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016862.D

Acq: 19 Jun 2020 01:03

Instrument :

MSVOA_X

ClientSampled :

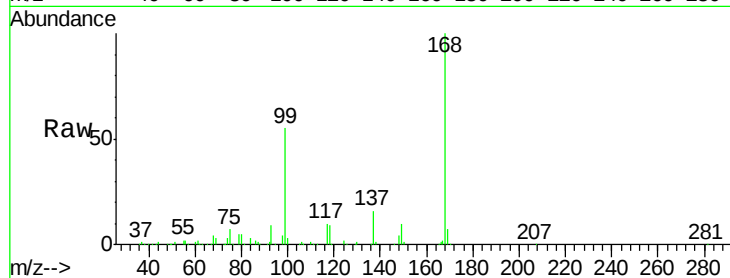
MW-23

Tot Ion:168 Resp: 228227

Ion Ratio Lower Upper

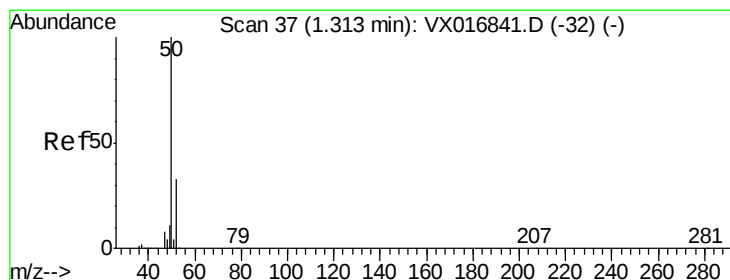
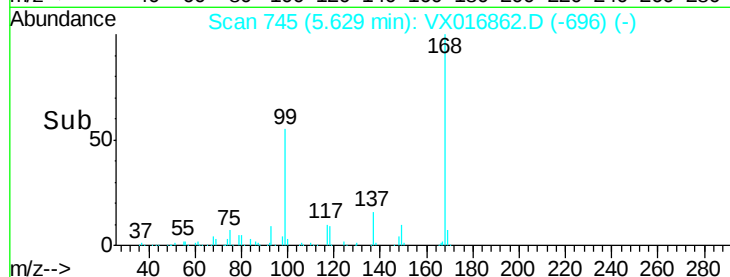
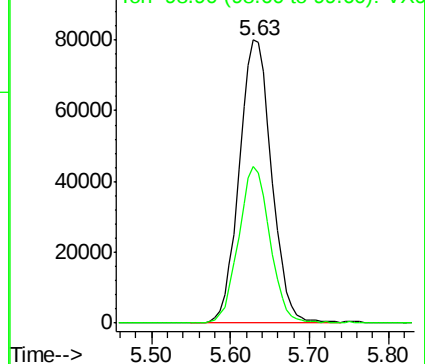
168 100

99 55.4 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: 1.111 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016862.D

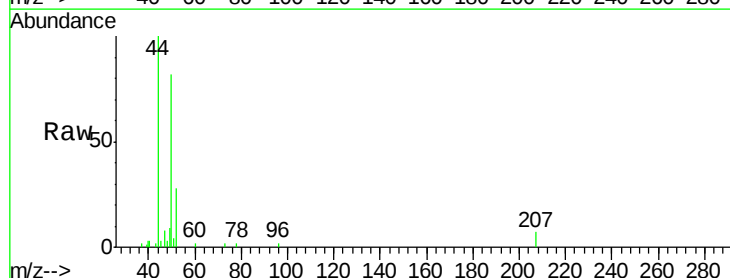
Acq: 19 Jun 2020 01:03

Tgt Ion: 50 Resp: 3156

Ion Ratio Lower Upper

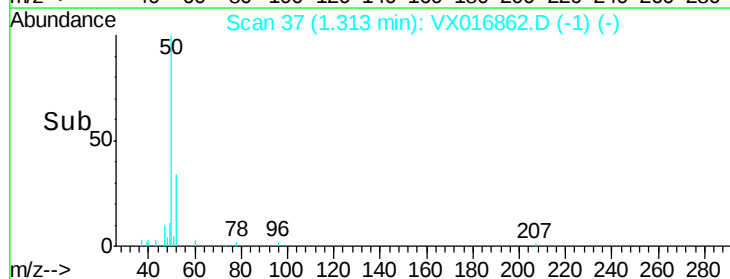
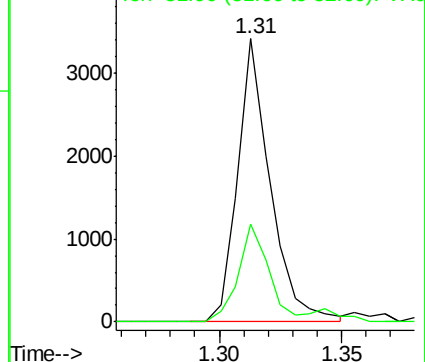
50 100

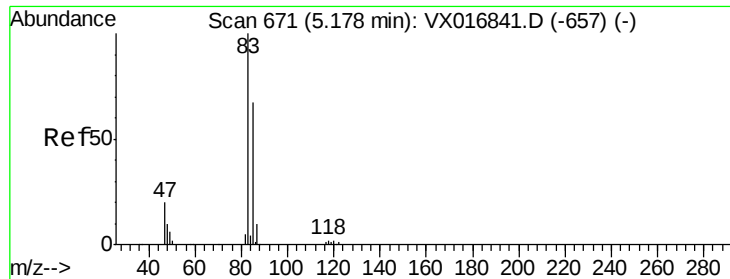
52 34.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

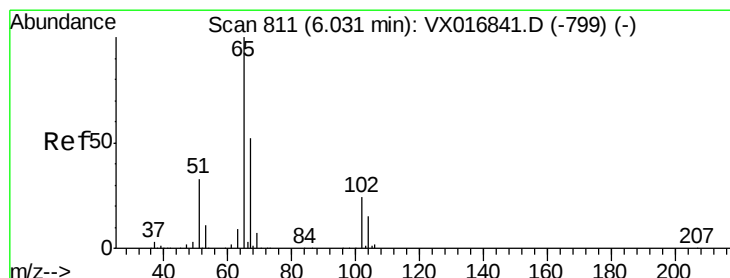
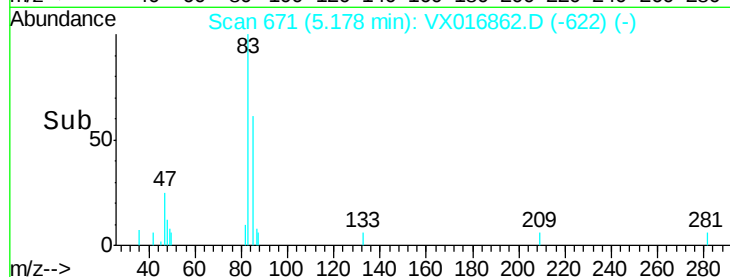
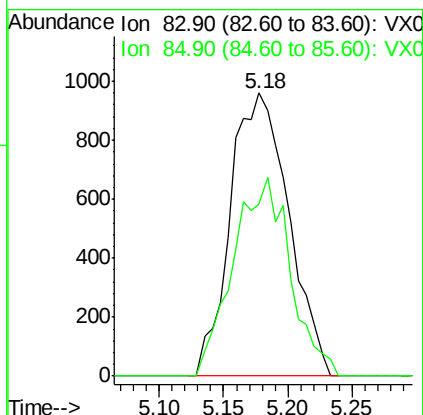
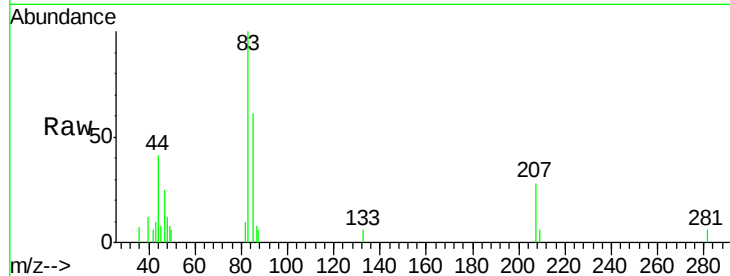




#30
Chloroform
Concen: 0.742 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016862.D
Acq: 19 Jun 2020 01:03

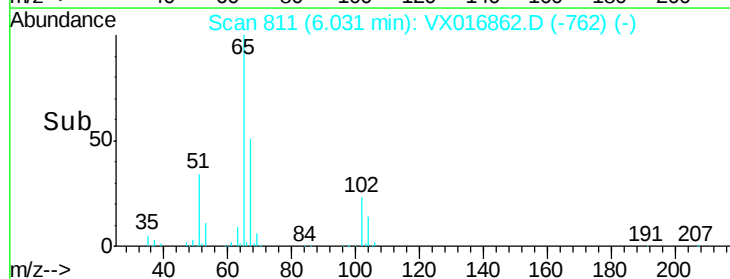
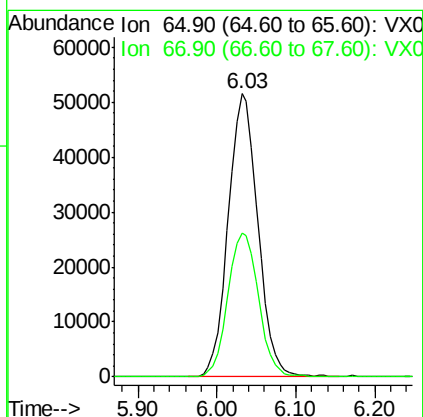
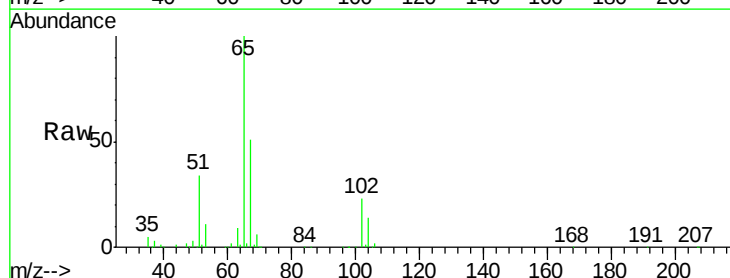
Instrument :
MSVOA_X
ClientSampled :
MW-23

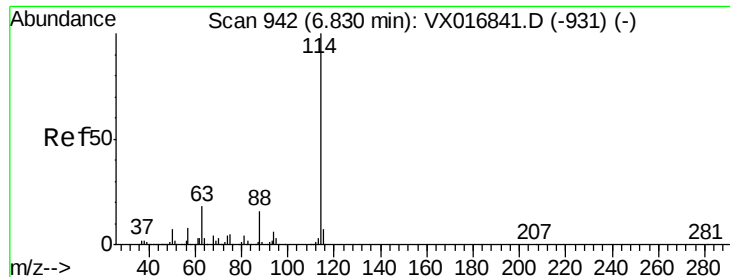
Tot Ion: 83 Resp: 3025
Ion Ratio Lower Upper
83 100
85 60.6 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 49.270 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016862.D
Acq: 19 Jun 2020 01:03

Tgt Ion: 65 Resp: 135238
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016862.D

Acq: 19 Jun 2020 01:03

Instrument :

MSVOA_X

ClientSampleId :

MW-23

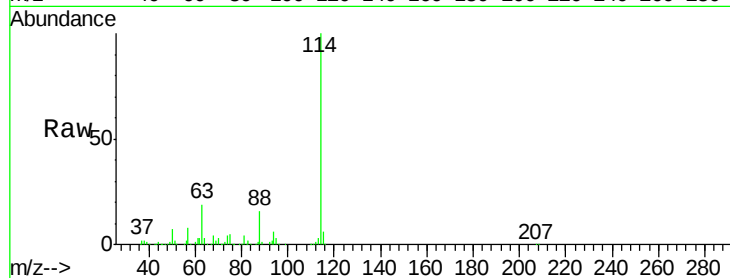
Tot Ion:114 Resp: 454077

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

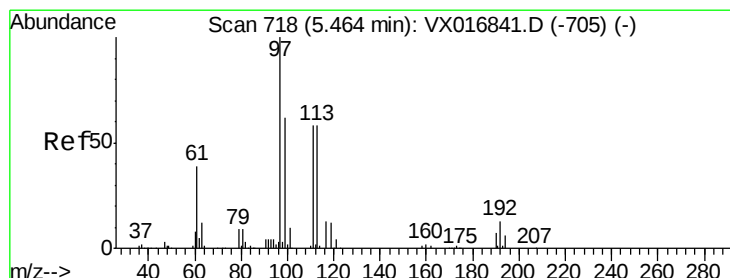
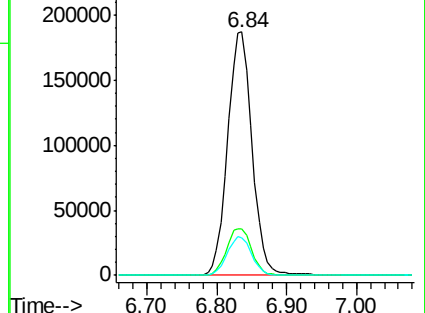
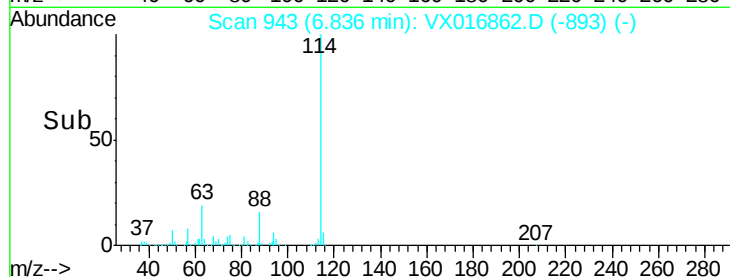
88 15.6 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 40.029 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016862.D

Acq: 19 Jun 2020 01:03

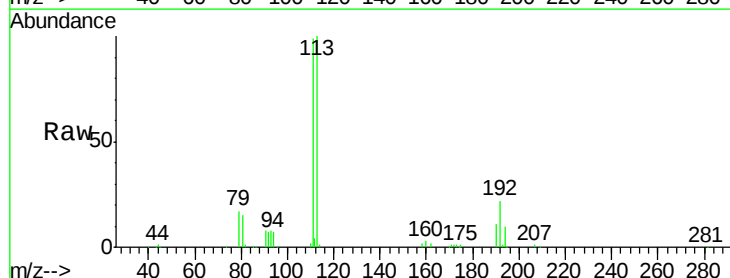
Tgt Ion:113 Resp: 116273

Ion Ratio Lower Upper

113 100

111 101.4 81.0 121.4

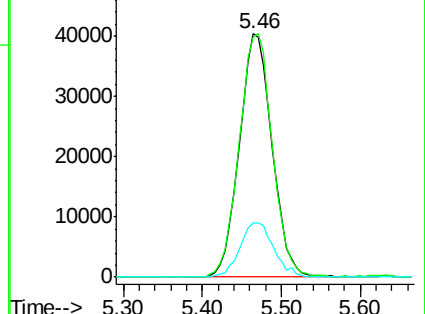
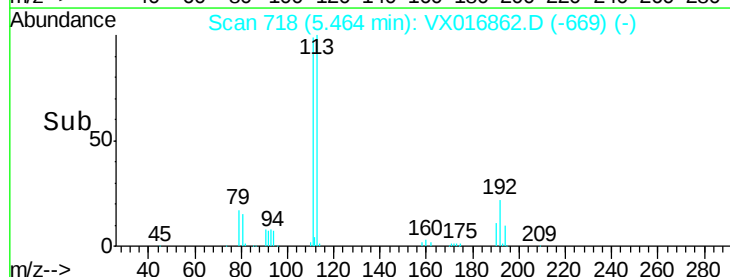
192 23.1 18.5 27.7

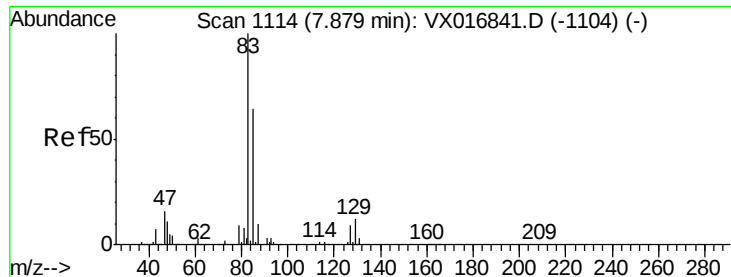


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#47

Bromodichloromethane

Concen: 0.579 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016862.D

Acq: 19 Jun 2020 01:03

Instrument :

MSVOA_X

ClientSampleId :

MW-23

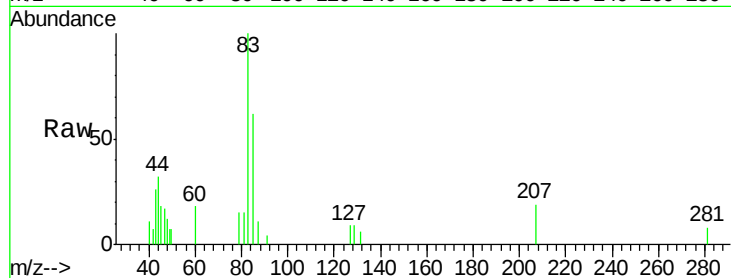
Tot Ion: 83 Resp: 2641

Ion Ratio Lower Upper

83 100

85 62.4 50.9 76.3

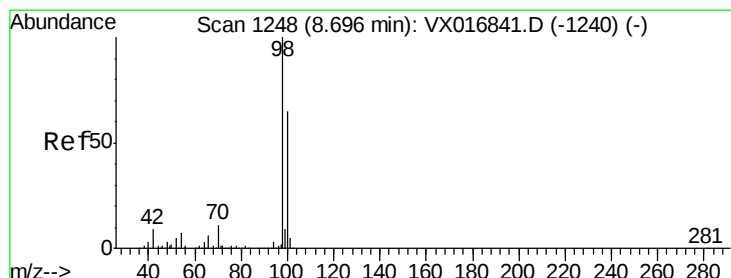
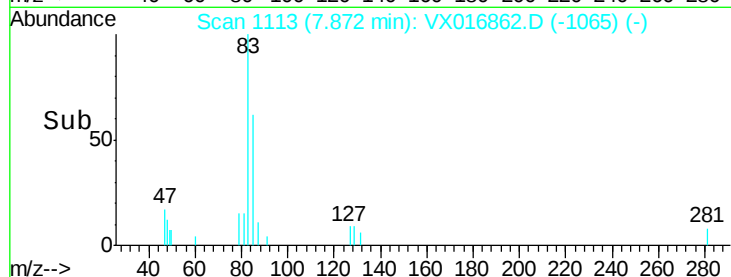
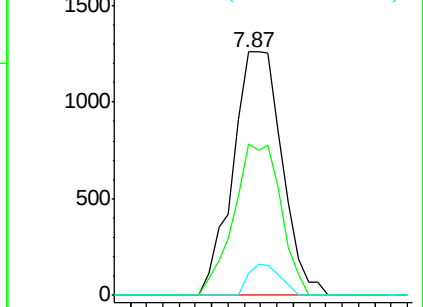
127 9.2 7.4 11.0



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: 38.870 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016862.D

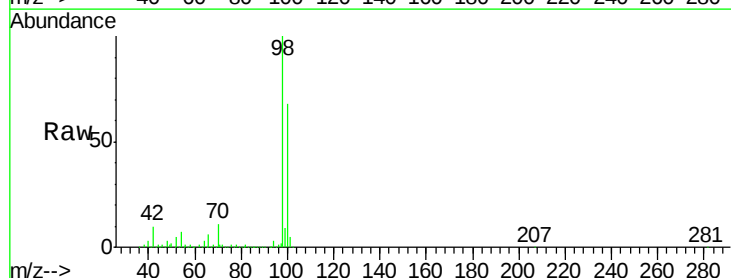
Acq: 19 Jun 2020 01:03

Tgt Ion: 98 Resp: 451724

Ion Ratio Lower Upper

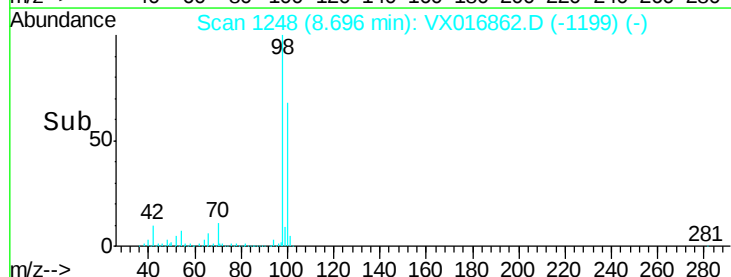
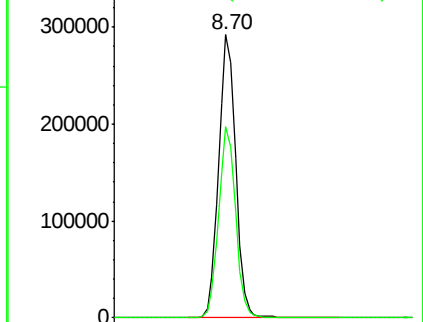
98 100

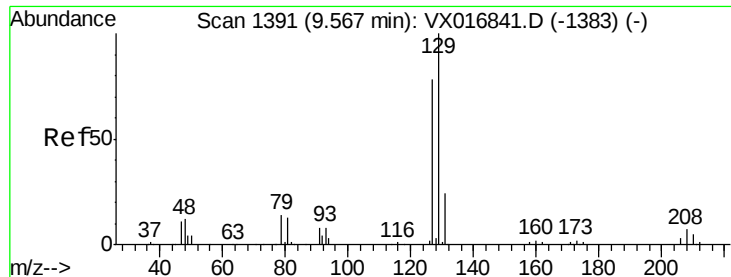
100 67.3 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 0.598 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX016862.D

Acq: 19 Jun 2020 01:03

Instrument :

MSVOA_X

ClientSampleId :

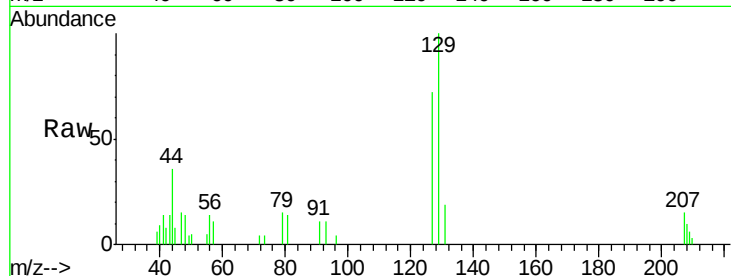
MW-23

Tot Ion:129 Resp: 2262

Ion Ratio Lower Upper

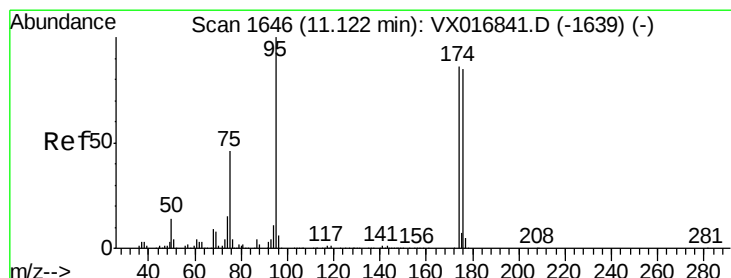
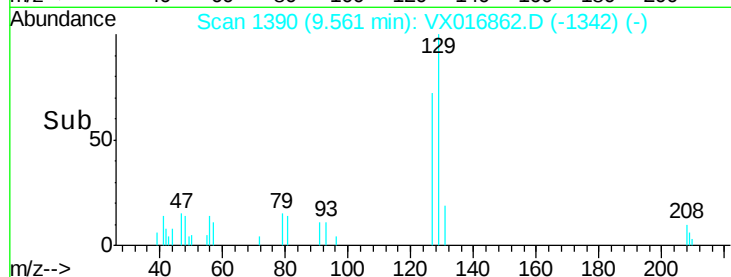
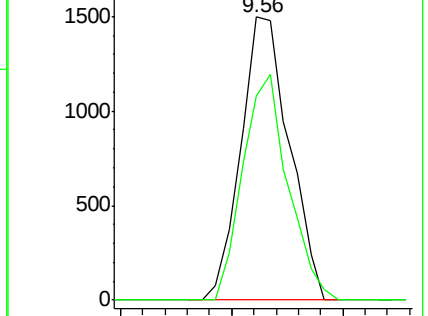
129 100

127 74.7 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: 45.877 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016862.D

Acq: 19 Jun 2020 01:03

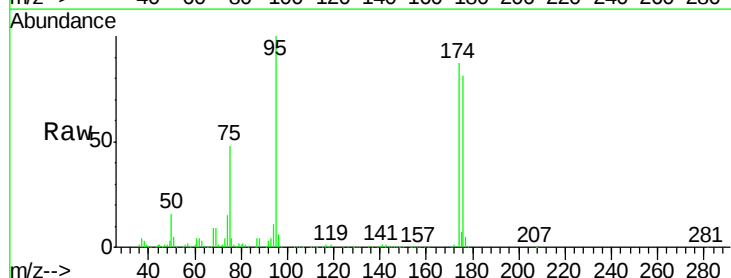
Tgt Ion: 95 Resp: 204274

Ion Ratio Lower Upper

95 100

174 87.7 0.0 174.2

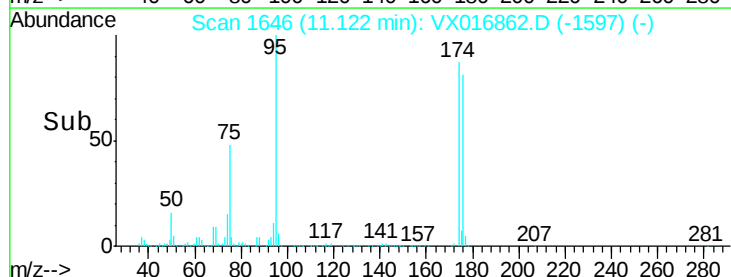
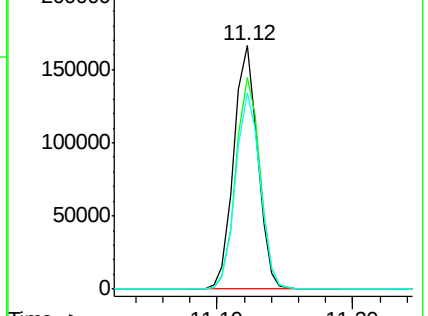
176 82.6 0.0 170.0

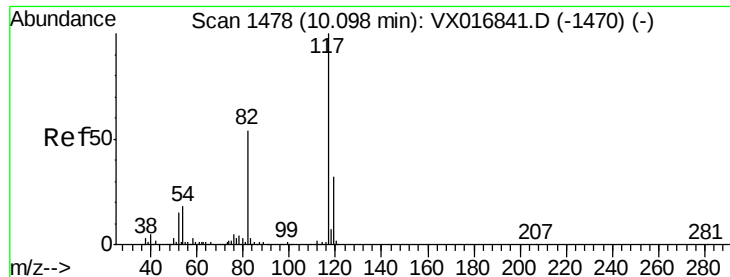


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

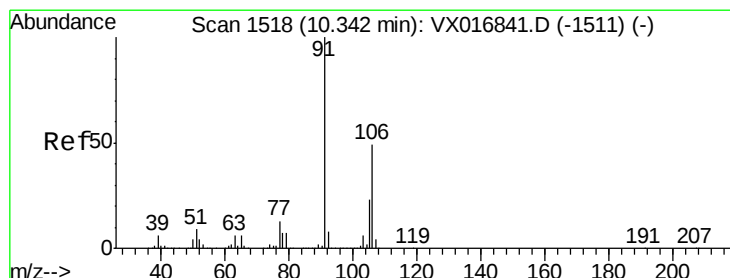
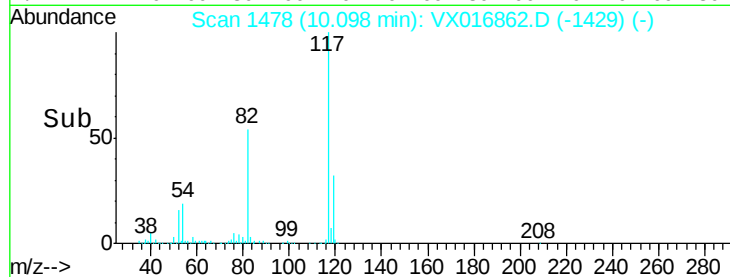
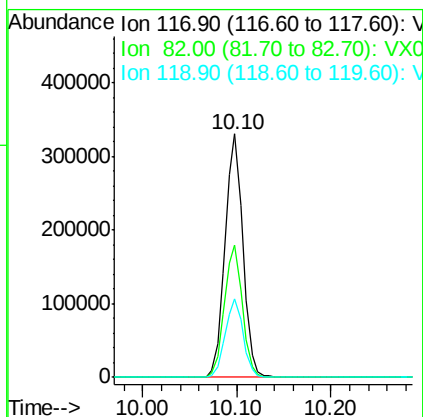
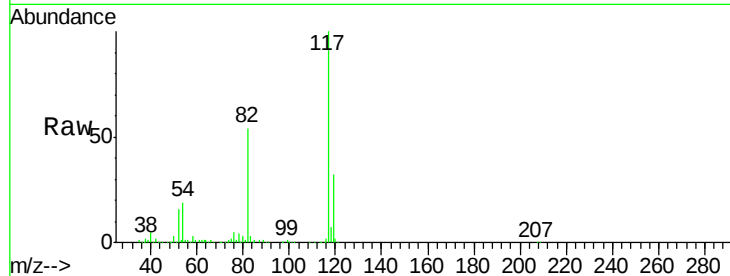




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016862.D
Acq: 19 Jun 2020 01:03

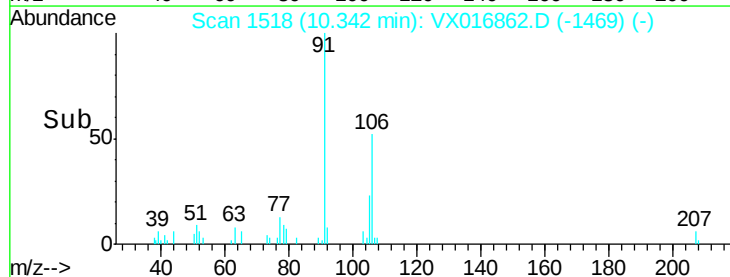
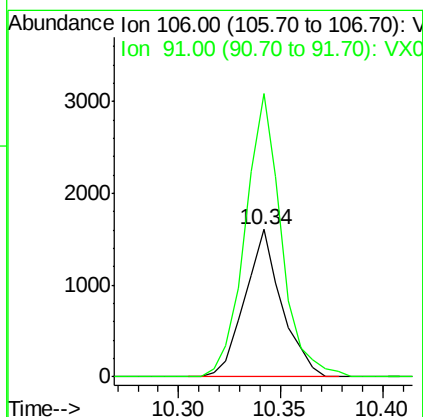
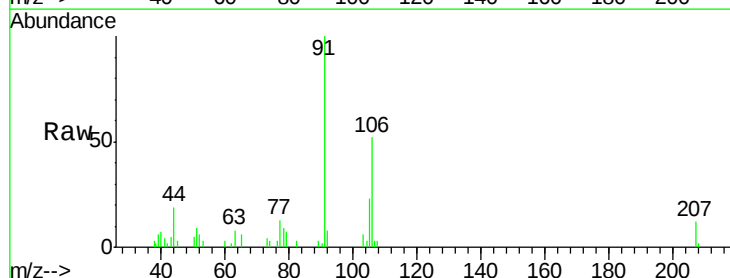
Instrument :
MSVOA_X
ClientSampled :
MW-23

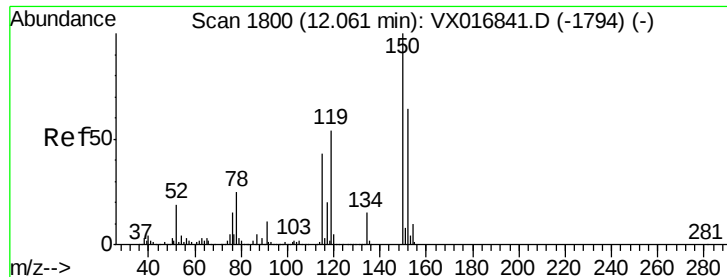
Tot Ion:117 Resp: 434852
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.0 25.7 38.5



#68
m/p-Xylenes
Concen: 0.350 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016862.D
Acq: 19 Jun 2020 01:03

Tgt Ion:106 Resp: 2022
Ion Ratio Lower Upper
106 100
91 187.7 161.5 242.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016862.D

Acq: 19 Jun 2020 01:03

Instrument :

MSVOA_X

ClientSampleId :

MW-23

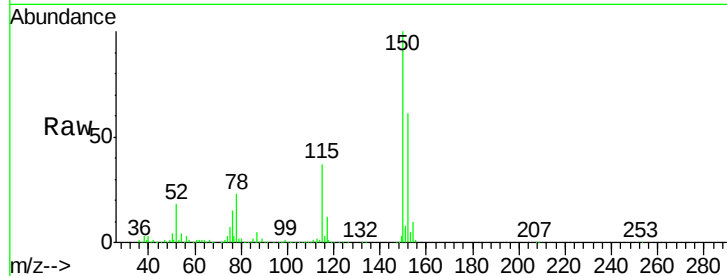
Tot Ion:152 Resp: 225286

Ion Ratio Lower Upper

152 100

115 58.2 40.9 122.8

150 157.3 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

