

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016858.D
 Acq On : 18 Jun 2020 23:32
 Operator : JC/SP
 Sample : L3020-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Jun 19 13:19:23 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

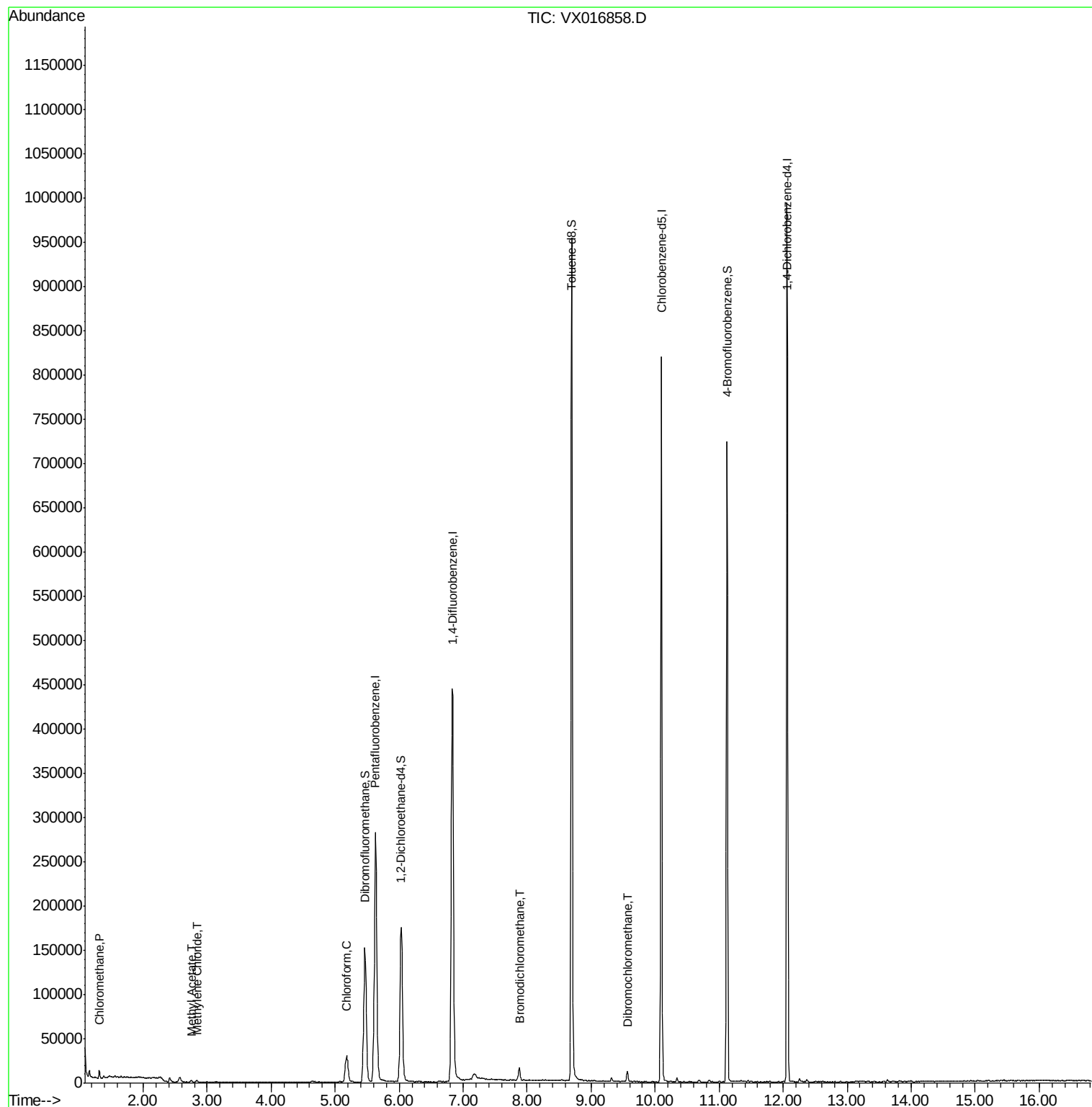
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	274291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	468273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	168949	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	5.46	113	133704	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
50) Toluene-d8	8.70	98	576519	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.12	95	191784	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.54%	
Target Compounds						
3) Chloromethane	1.31	50	5590	1.638	ug/l	89
18) Methyl Acetate	2.75	43	2734	0.898	ug/l #	87
20) Methylene Chloride	2.84	84	1084	0.377	ug/l #	79
30) Chloroform	5.18	83	39108	7.983	ug/l	98
47) Bromodichloromethane	7.88	83	9475	2.014	ug/l	91
60) Dibromochloromethane	9.57	129	5085	1.304	ug/l	99

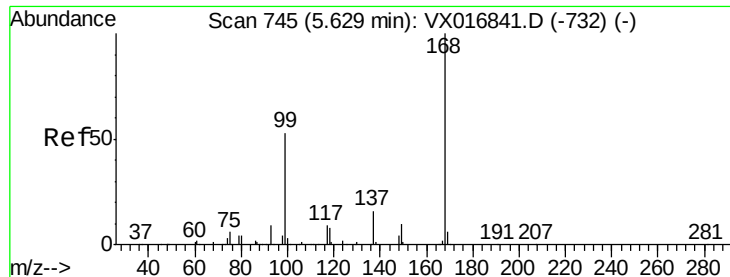
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061820\
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Quant Time: Jun 19 13:19:23 2020
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: VX016858.D

Acq: 18 Jun 2020 23:32

Instrument :

MSVOA_X

ClientSampled :

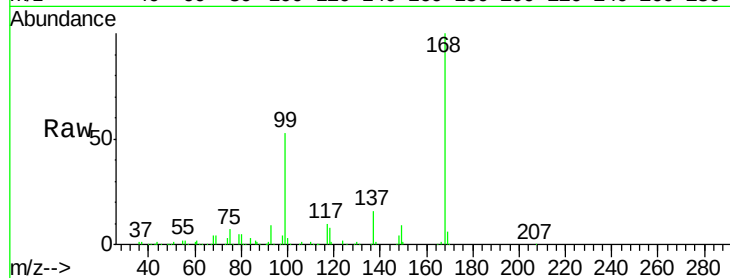
MW-24

Tot Ion:168 Resp: 274291

Ion Ratio Lower Upper

168 100

99 53.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

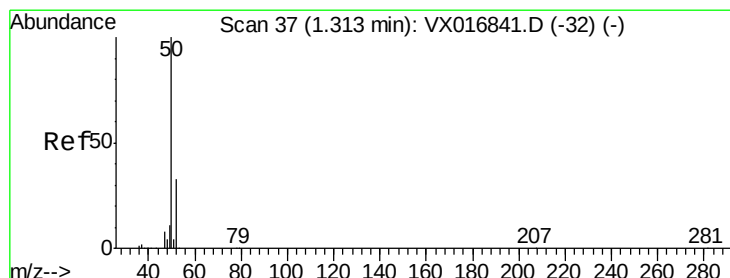
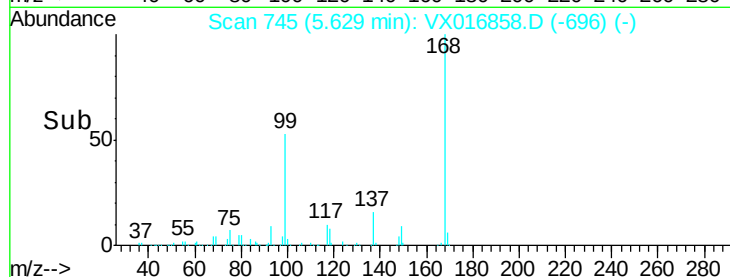
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.638 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016858.D

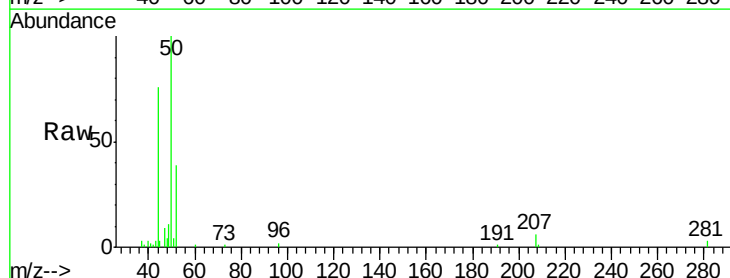
Acq: 18 Jun 2020 23:32

Tgt Ion: 50 Resp: 5590

Ion Ratio Lower Upper

50 100

52 38.7 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

5000

4000

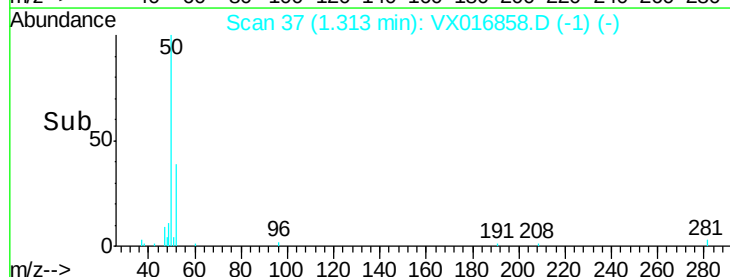
3000

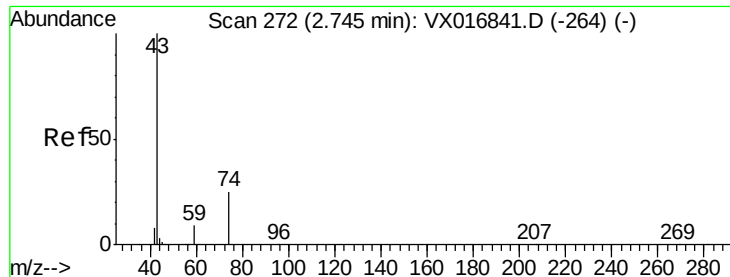
2000

1000

0

Time-->

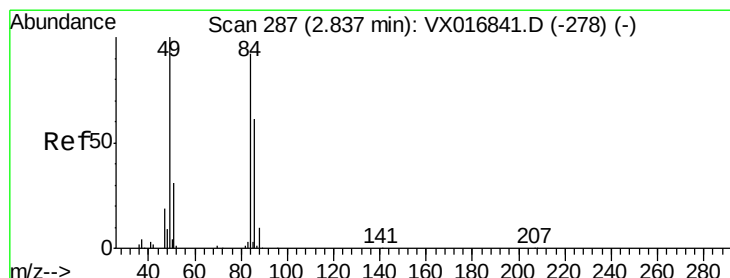
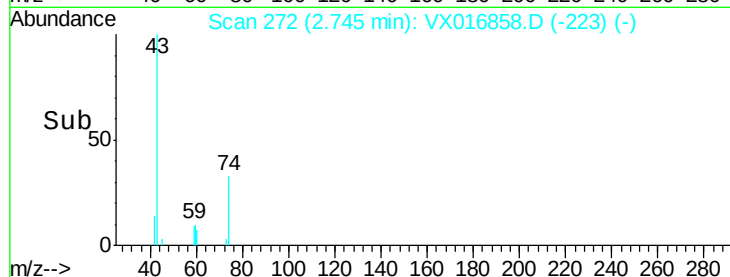
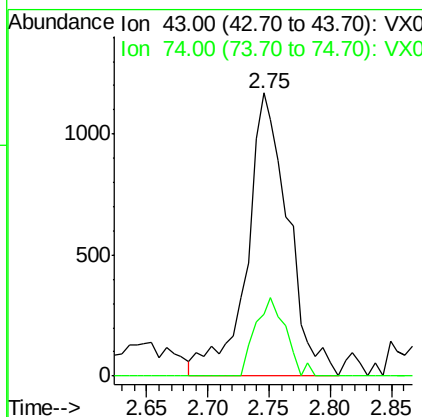
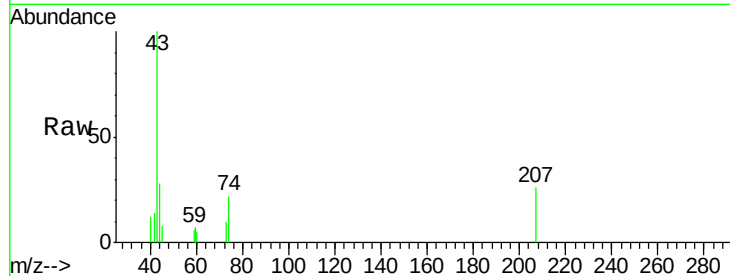




#18
Methvl Acetate
Concen: 0.898 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016858.D
Acq: 18 Jun 2020 23:32

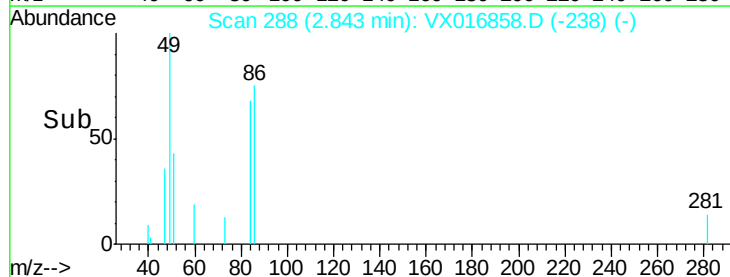
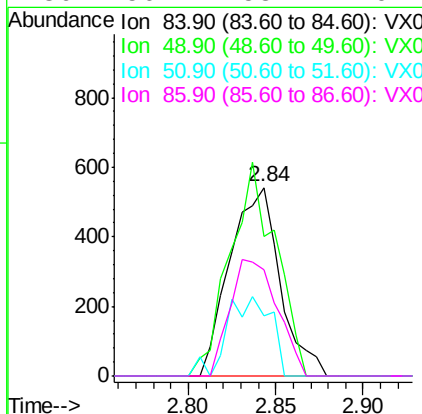
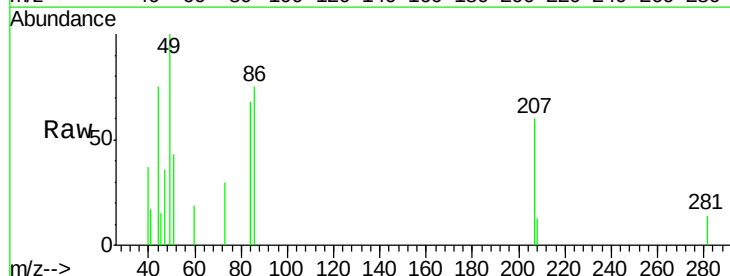
Instrument :
MSVOA_X
ClientSampled :
MW-24

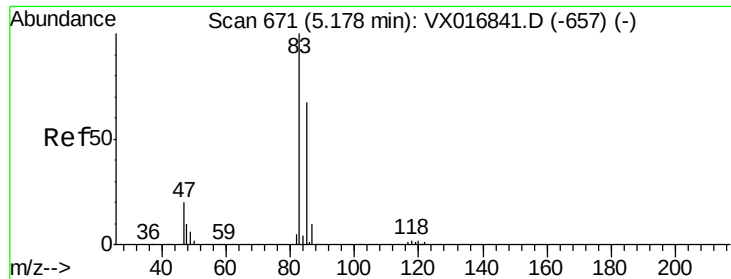
Tot Ion: 43 Resp: 2734
Ion Ratio Lower Upper
43 100
74 20.6 21.8 32.8#



#20
Methylene Chloride
Concen: 0.377 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX016858.D
Acq: 18 Jun 2020 23:32

Tgt Ion: 84 Resp: 1084
Ion Ratio Lower Upper
84 100
49 74.5 86.6 129.8#
51 32.2 27.1 40.7
86 56.2 53.1 79.7

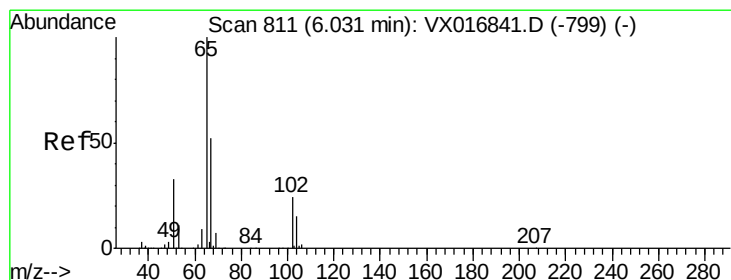
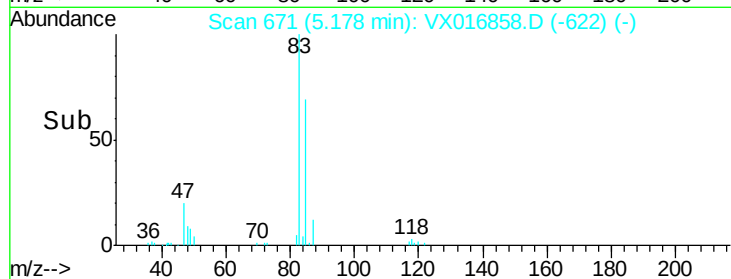
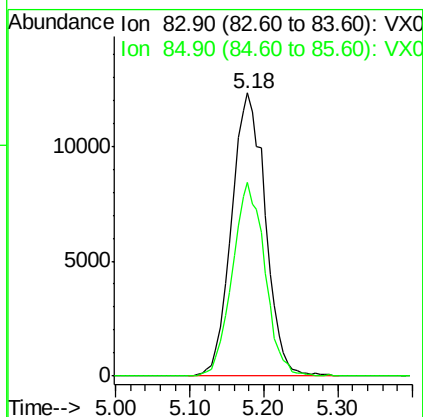
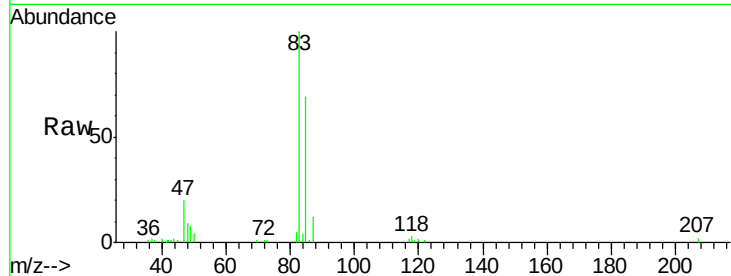




#30
Chloroform
Concen: 7.983 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016858.D
Acq: 18 Jun 2020 23:32

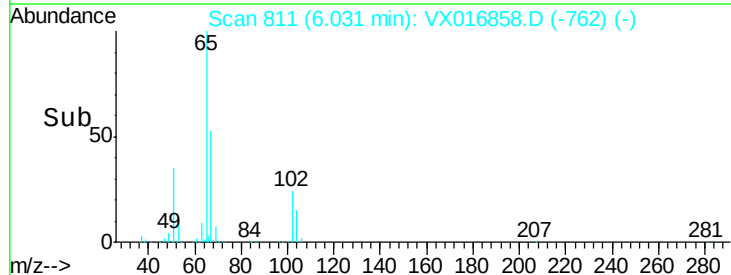
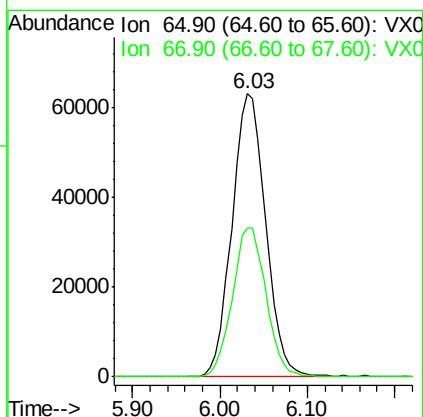
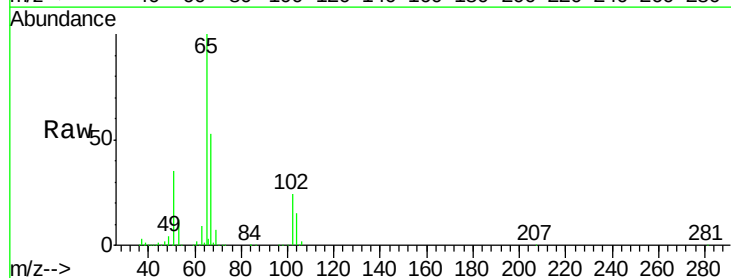
Instrument :
MSVOA_X
ClientSampled :
MW-24

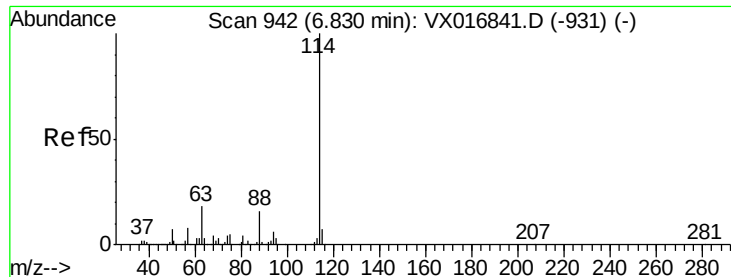
Tot Ion: 83 Resp: 39108
Ion Ratio Lower Upper
83 100
85 68.6 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 51.215 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016858.D
Acq: 18 Jun 2020 23:32

Tgt Ion: 65 Resp: 168949
Ion Ratio Lower Upper
65 100
67 53.0 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: VX016858.D

Acq: 18 Jun 2020 23:32

Instrument :

MSVOA_X

ClientSampleId :

MW-24

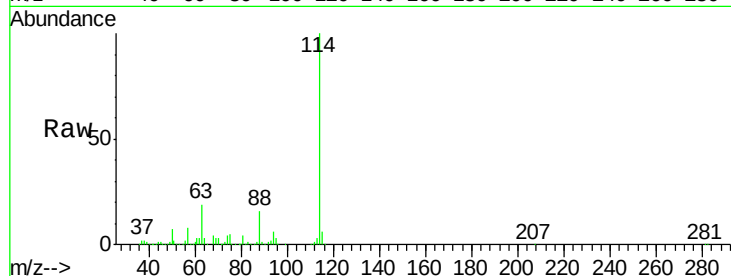
Tot Ion:114 Resp: 468273

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

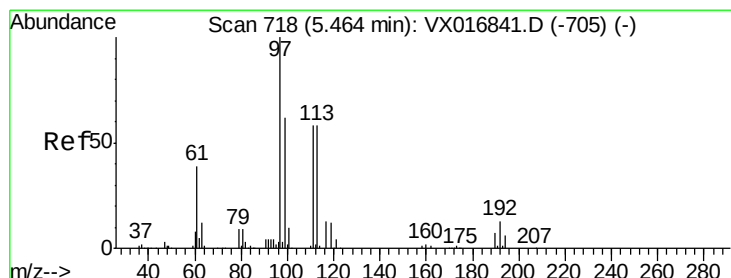
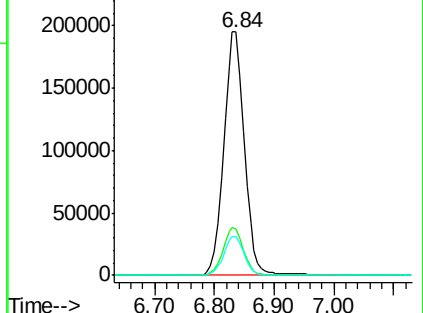
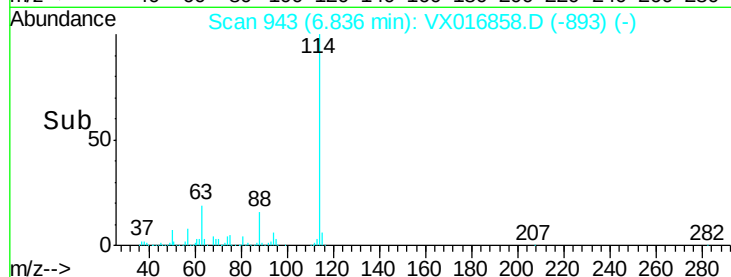
88 15.7 0.0 32.0



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: 44.634 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016858.D

Acq: 18 Jun 2020 23:32

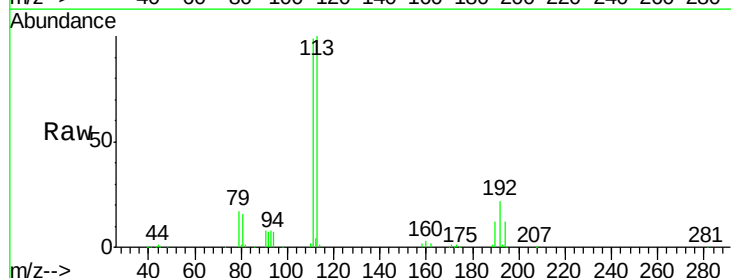
Tgt Ion:113 Resp: 133704

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.4

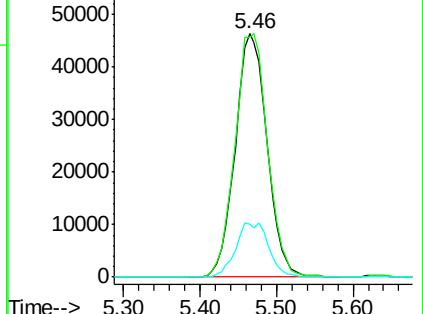
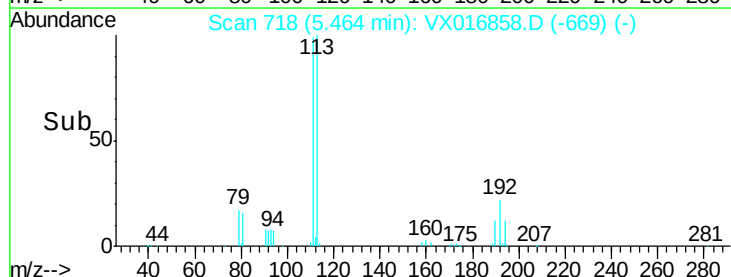
192 23.1 18.5 27.7

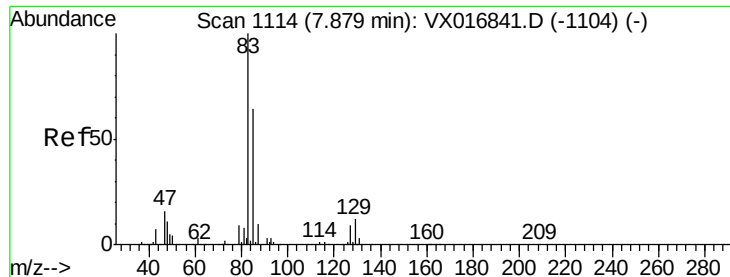


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#47

Bromodichloromethane

Concen: 2.014 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016858.D

Acq: 18 Jun 2020 23:32

Instrument :

MSVOA_X

ClientSampleId :

MW-24

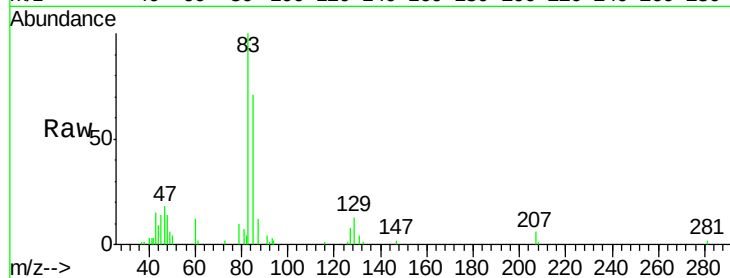
Tot Ion: 83 Resp: 9475

Ion Ratio Lower Upper

83 100

85 71.0 50.9 76.3

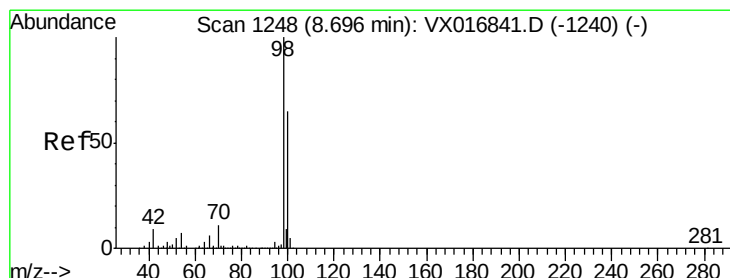
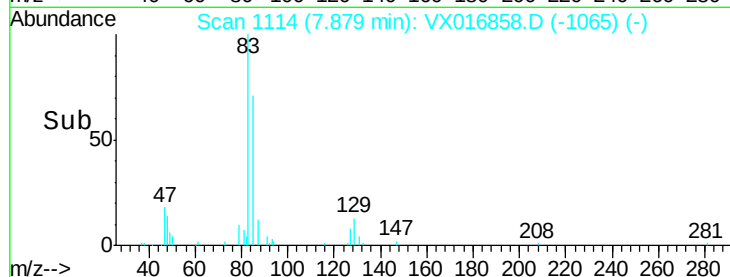
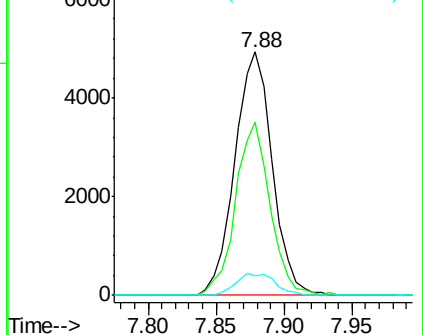
127 7.9 7.4 11.0



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: 48.104 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016858.D

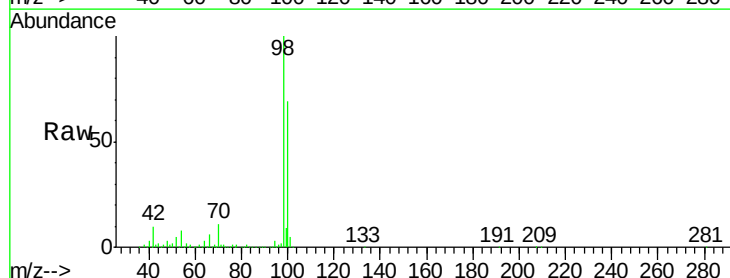
Acq: 18 Jun 2020 23:32

Tgt Ion: 98 Resp: 576519

Ion Ratio Lower Upper

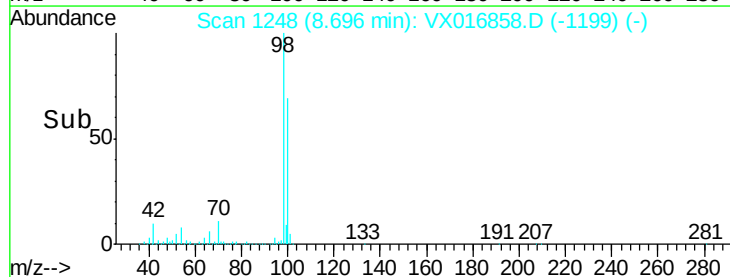
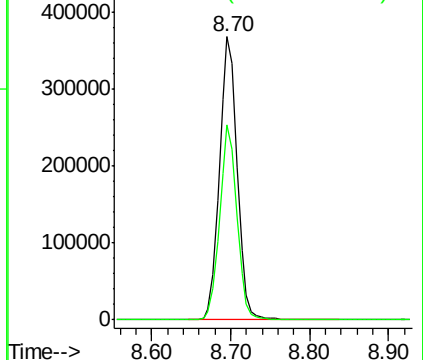
98 100

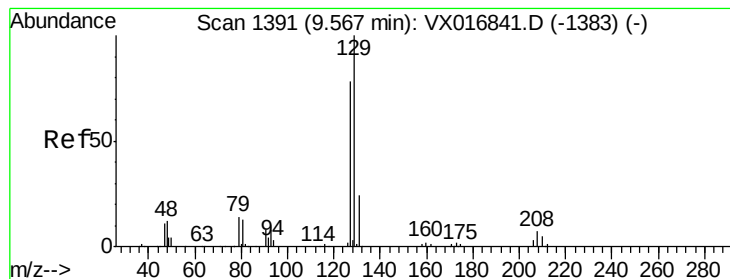
100 67.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 1.304 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016858.D

Acq: 18 Jun 2020 23:32

Instrument :

MSVOA_X

ClientSampleId :

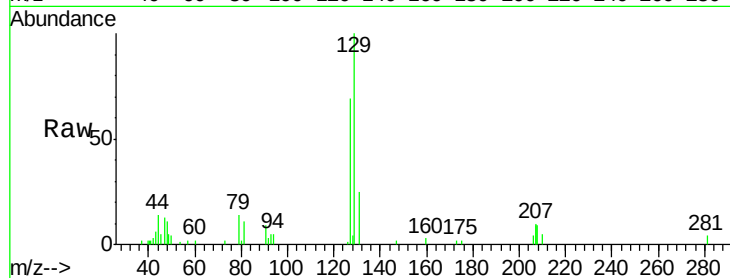
MW-24

Tot Ion:129 Resp: 5085

Ion Ratio Lower Upper

129 100

127 75.9 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

4000

3000

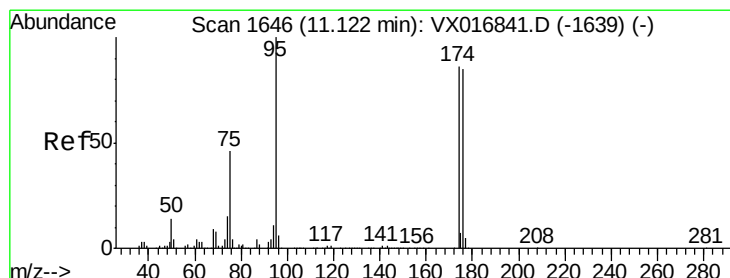
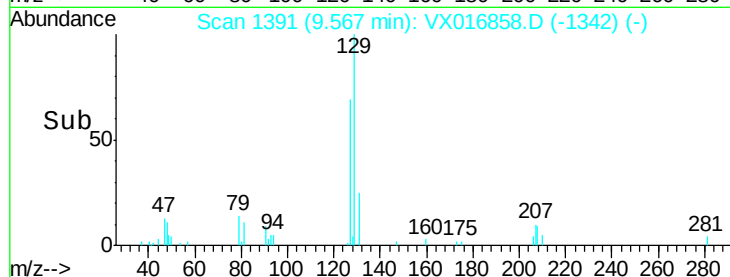
2000

1000

0

9.50 9.55 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: 41.766 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016858.D

Acq: 18 Jun 2020 23:32

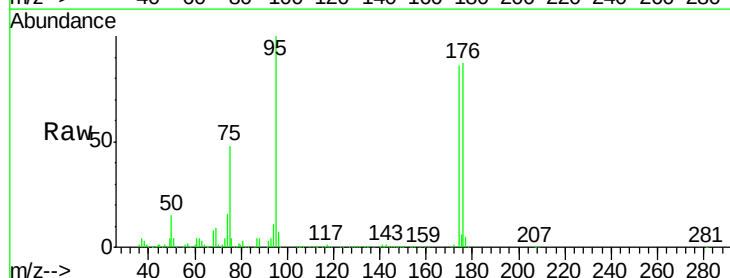
Tgt Ion: 95 Resp: 191784

Ion Ratio Lower Upper

95 100

174 87.1 0.0 174.2

176 84.8 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

200000

150000

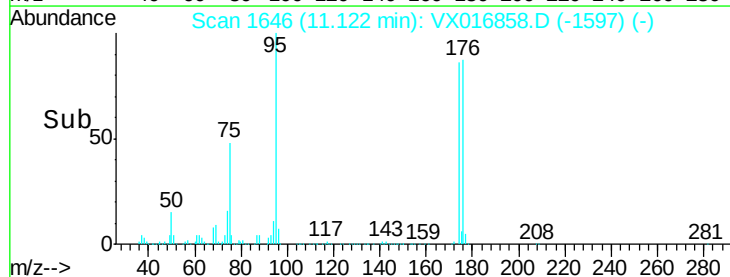
100000

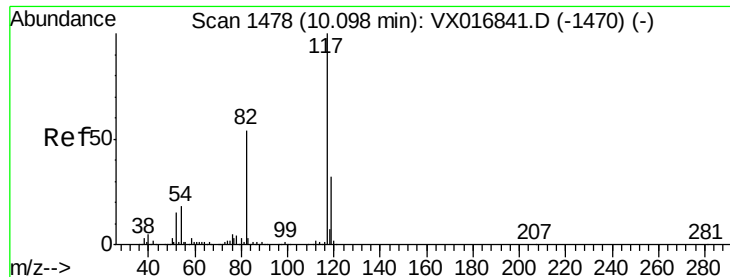
50000

0

11.10 11.12 11.20

Time-->

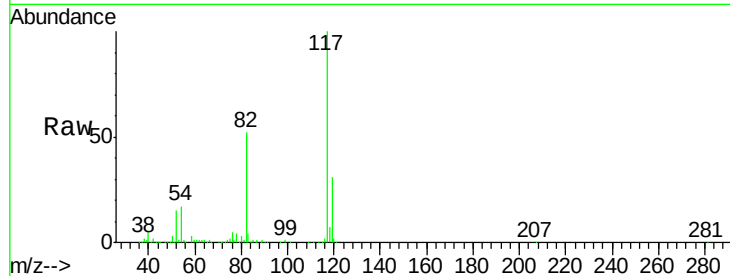




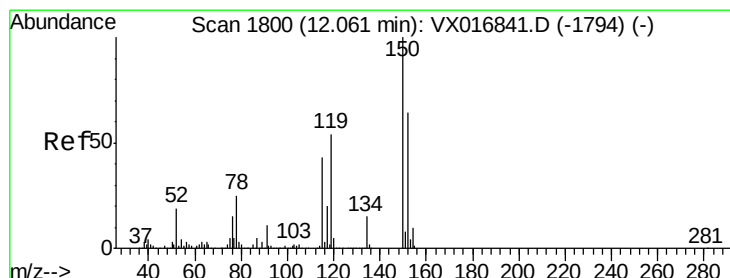
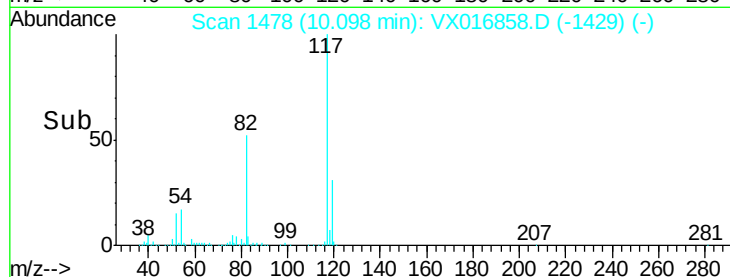
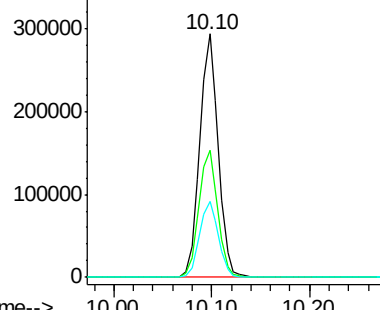
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016858.D
Acq: 18 Jun 2020 23:32

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Tot Ion:117 Resp: 383402
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.4 25.7 38.5

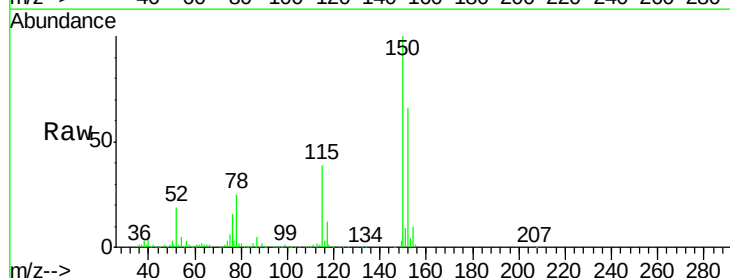


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016858.D
Acq: 18 Jun 2020 23:32

Tgt Ion:152 Resp: 209099
Ion Ratio Lower Upper
152 100
115 57.6 40.9 122.8
150 152.1 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

