

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016860.D
 Acq On : 19 Jun 2020 00:17
 Operator : JC/SP
 Sample : L3020-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FD-01_061620

Quant Time: Jun 19 03:51:55 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

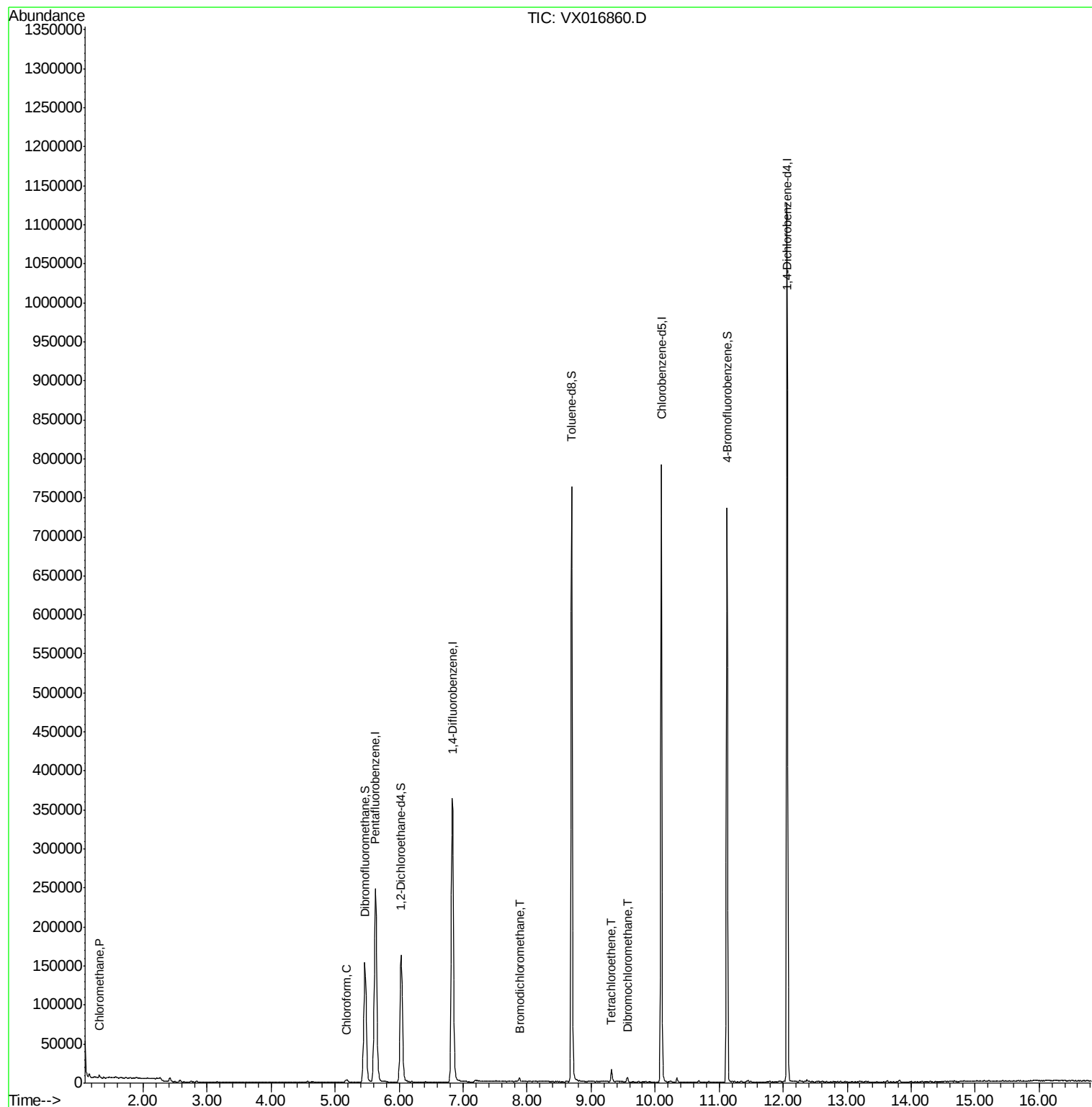
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	156069	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	5.46	113	132705	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
50) Toluene-d8	8.70	98	463289	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.12	95	194925	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	2550	0.819	ug/l	96
30) Chloroform	5.18	83	4140	0.927	ug/l	93
47) Bromodichloromethane	7.88	83	3304	0.859	ug/l #	98
60) Dibromochloromethane	9.57	129	2712	0.851	ug/l	99
64) Tetrachloroethene	9.32	164	3033	0.855	ug/l	95

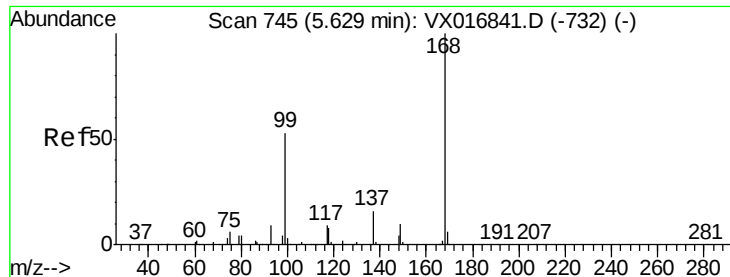
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016860.D

Acq: 19 Jun 2020 00:17

Instrument :

MSVOA_X

ClientSampleId :

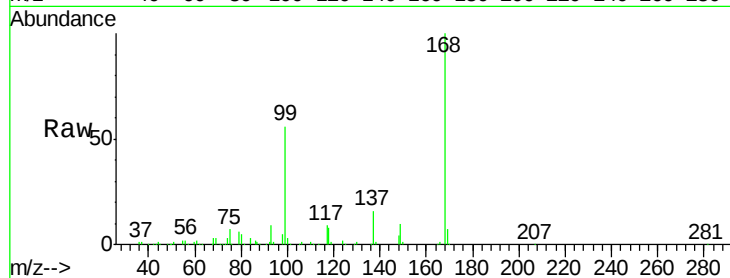
FD-01_061620

Tot Ion:168 Resp: 250191

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

5.63

80000

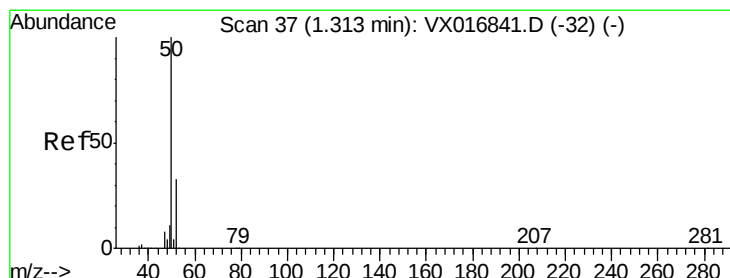
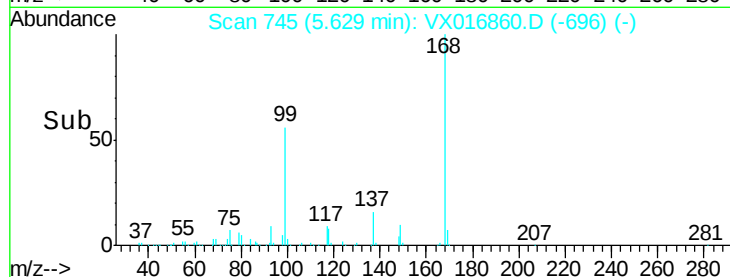
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.819 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016860.D

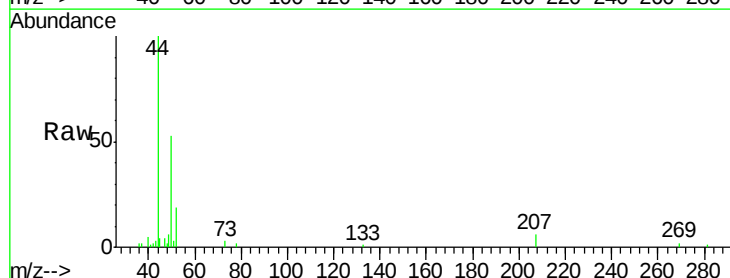
Acq: 19 Jun 2020 00:17

Tgt Ion: 50 Resp: 2550

Ion Ratio Lower Upper

50 100

52 35.0 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

3000

2500

2000

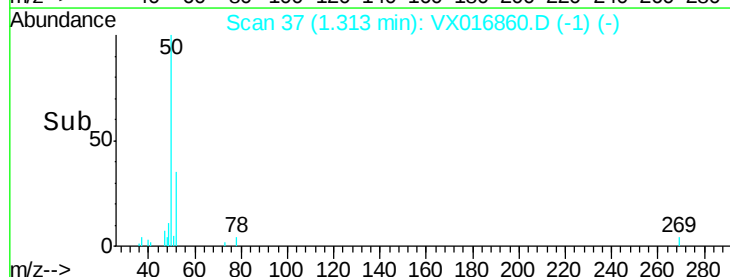
1500

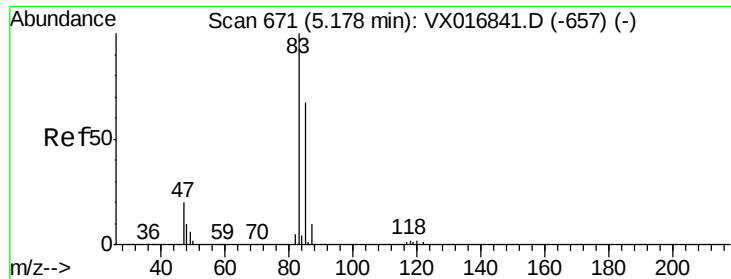
1000

500

0

Time-->

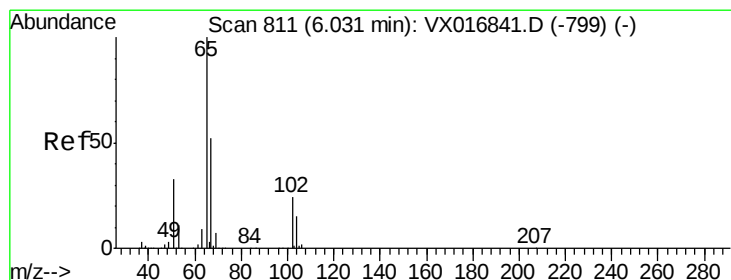
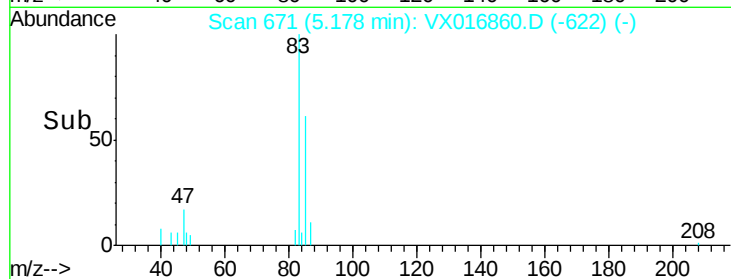
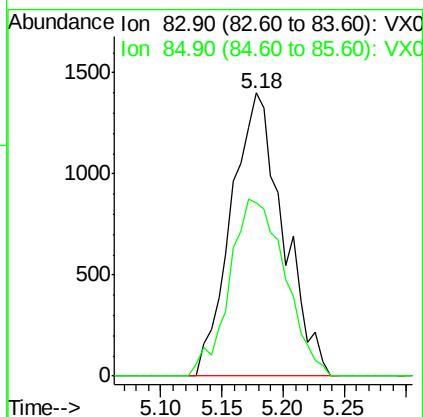
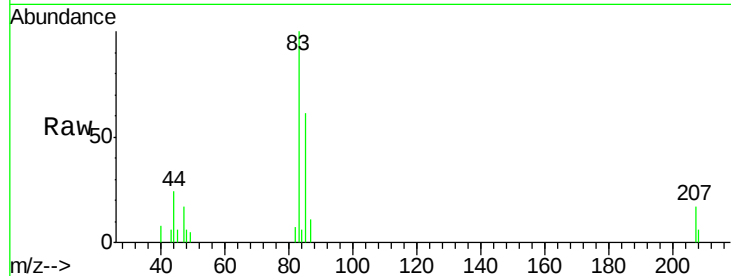




#30
Chloroform
Concen: 0.927 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016860.D
Acq: 19 Jun 2020 00:17

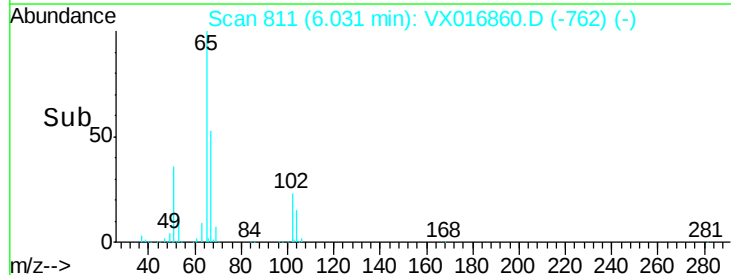
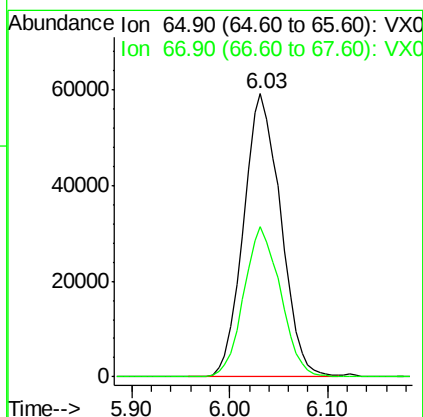
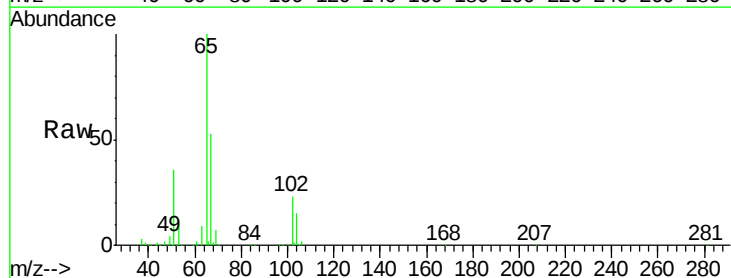
Instrument :
MSVOA_X
ClientSampleId :
FD-01_061620

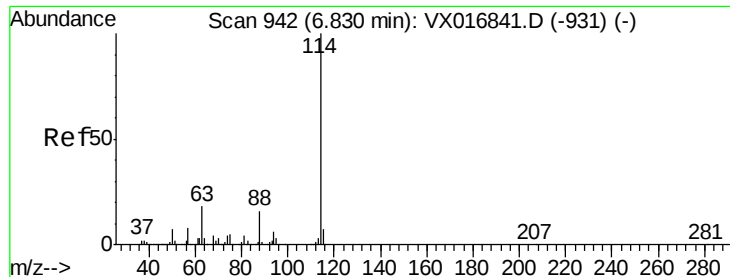
Tot Ion: 83 Resp: 4140
Ion Ratio Lower Upper
83 100
85 61.1 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 51.868 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016860.D
Acq: 19 Jun 2020 00:17

Tgt Ion: 65 Resp: 156069
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.6

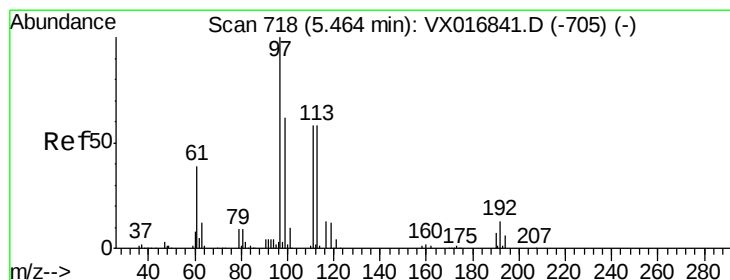
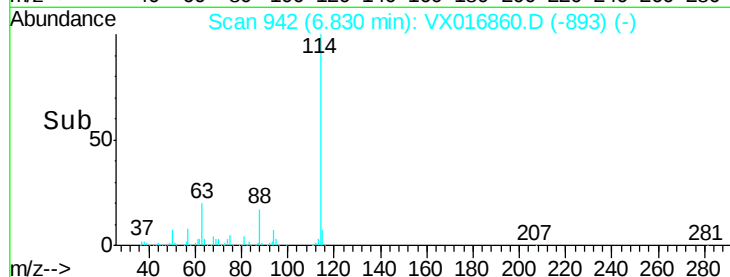
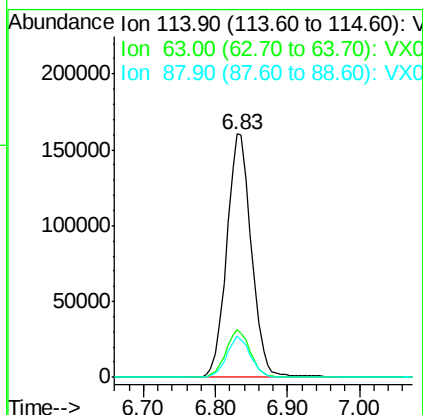
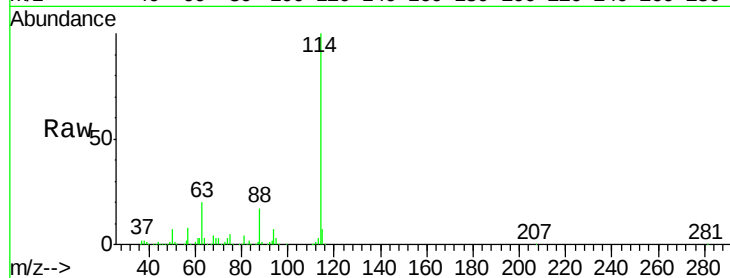




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016860.D
Acq: 19 Jun 2020 00:17

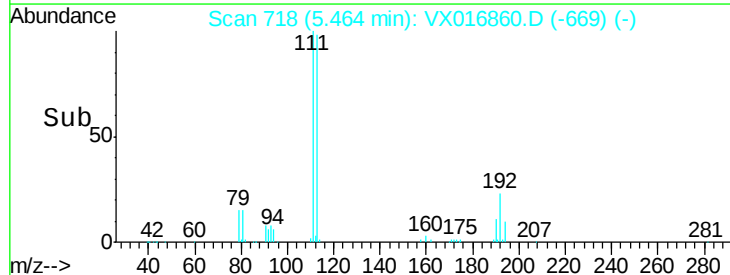
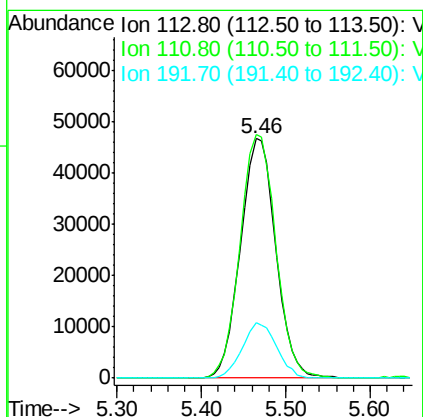
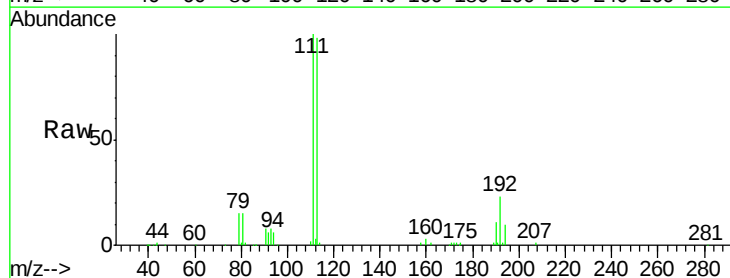
Instrument :
MSVOA_X
ClientSampleId :
FD-01_061620

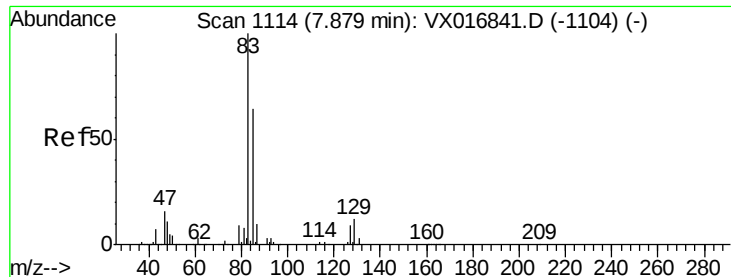
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	37.0
88	16.8	0.0	32.0



#35
Dibromofluoromethane
Concen: 54.166 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016860.D
Acq: 19 Jun 2020 00:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	22.7	18.5	27.7





#47

Bromodichloromethane

Concen: 0.859 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016860.D

Acq: 19 Jun 2020 00:17

Instrument :

MSVOA_X

ClientSampleId :

FD-01_061620

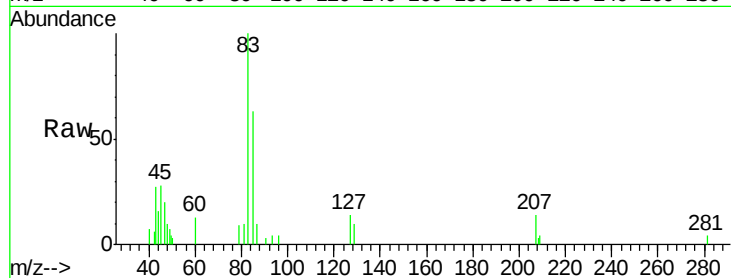
Tot Ion: 83 Resp: 3304

Ion Ratio Lower Upper

83 100

85 63.3 50.9 76.3

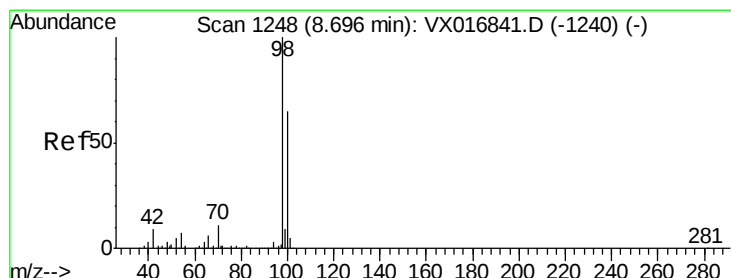
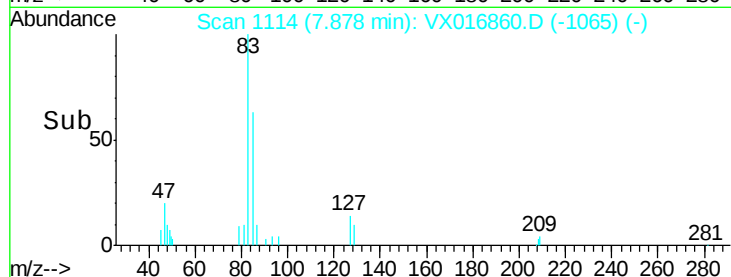
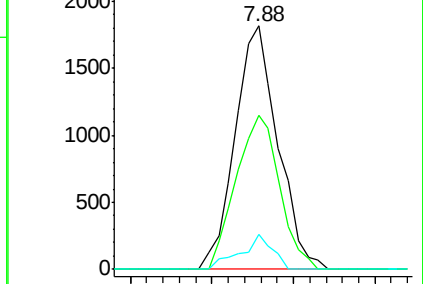
127 14.5 7.4 11.0#



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: 47.265 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016860.D

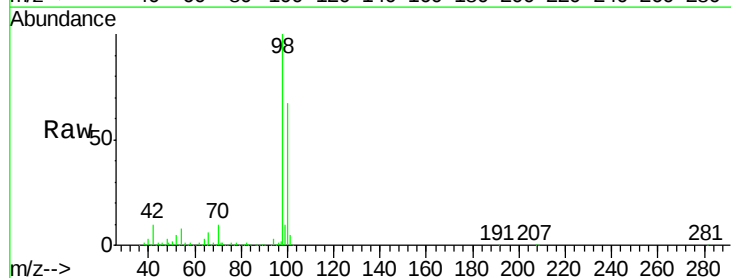
Acq: 19 Jun 2020 00:17

Tgt Ion: 98 Resp: 463289

Ion Ratio Lower Upper

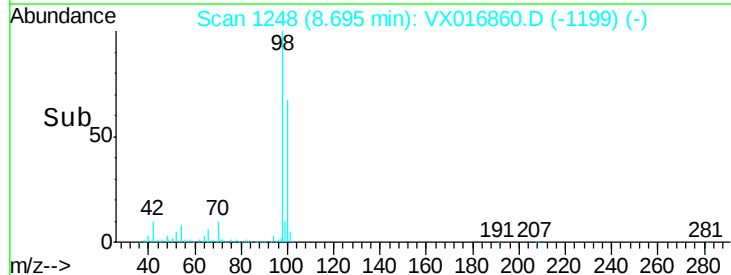
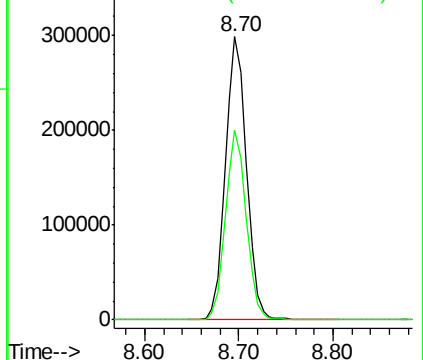
98 100

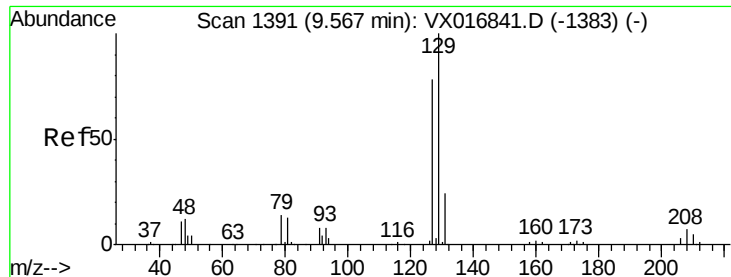
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 0.851 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016860.D

Acq: 19 Jun 2020 00:17

Instrument :

MSVOA_X

ClientSampleId :

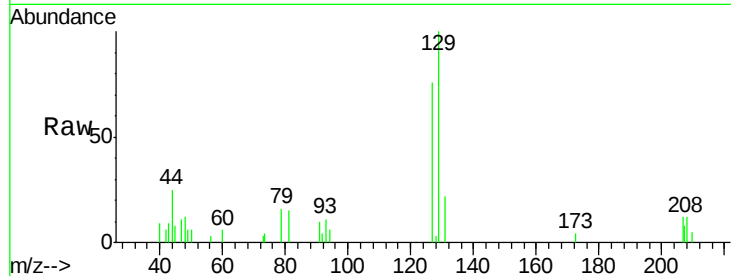
FD-01_061620

Tot Ion:129 Resp: 2712

Ion Ratio Lower Upper

129 100

127 76.1 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

2000

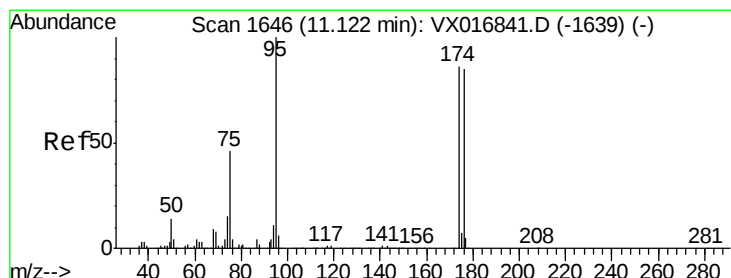
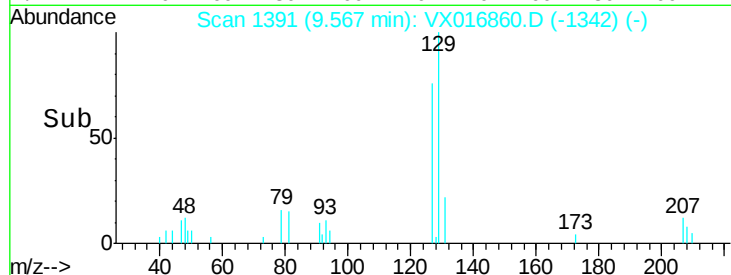
1500

1000

500

0

Time--> 9.50 9.55 9.60



#62

4-Bromofluorobenzene

Concen: 51.903 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016860.D

Acq: 19 Jun 2020 00:17

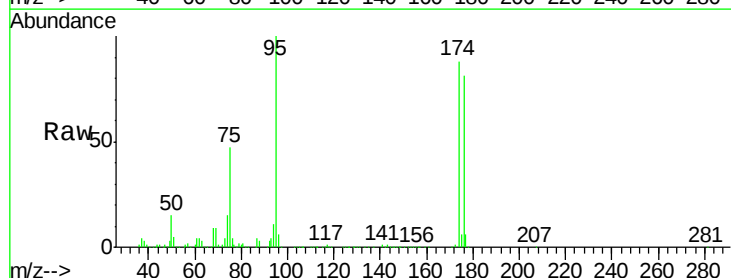
Tgt Ion: 95 Resp: 194925

Ion Ratio Lower Upper

95 100

174 86.4 0.0 174.2

176 82.5 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

200000

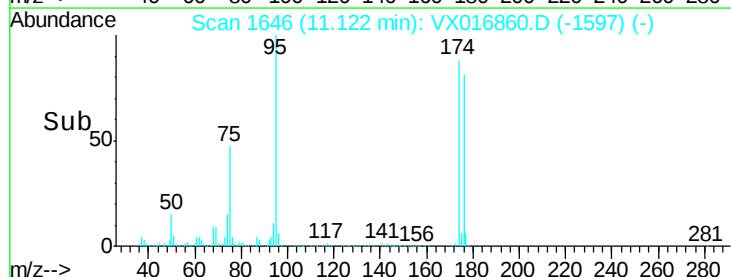
150000

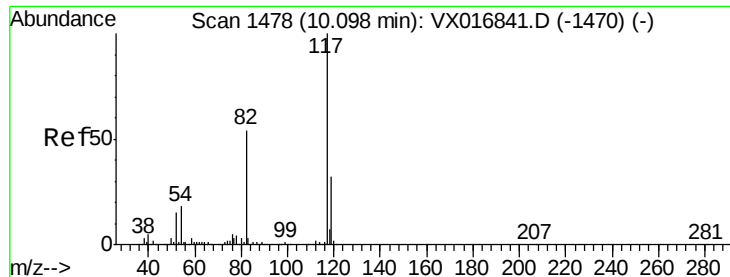
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016860.D

Acq: 19 Jun 2020 00:17

Instrument :

MSVOA_X

ClientSampleId :

FD-01_061620

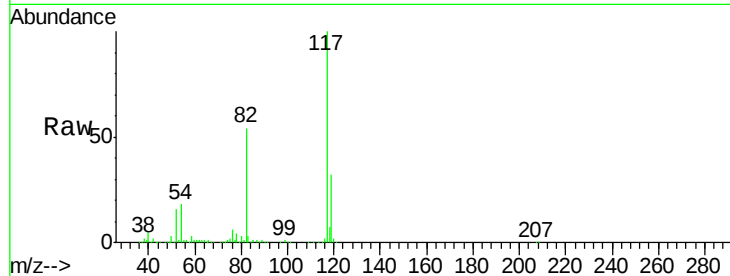
Tot Ion:117 Resp: 383068

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

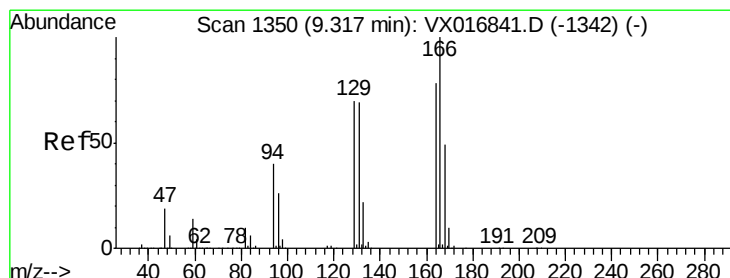
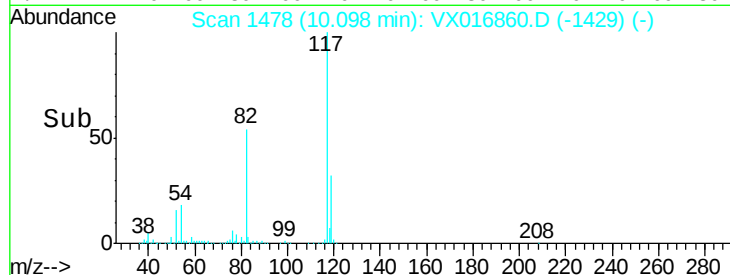
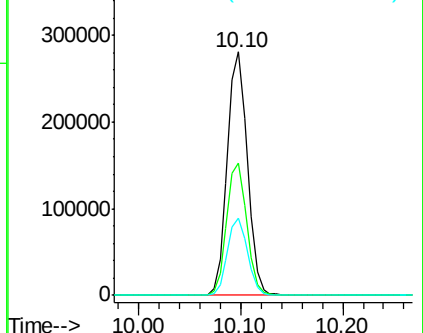
119 31.8 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.855 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016860.D

Acq: 19 Jun 2020 00:17

Tgt Ion:164 Resp: 3033

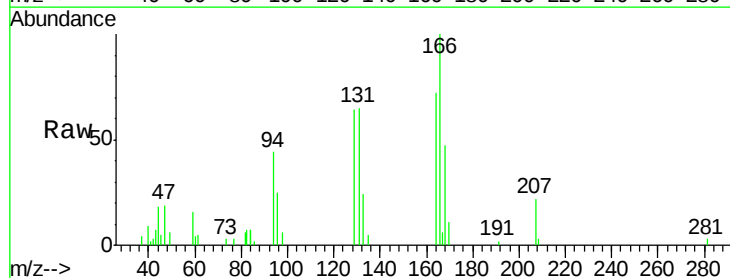
Ion Ratio Lower Upper

164 100

166 139.2 102.6 153.8

129 89.6 72.2 108.2

131 90.5 70.8 106.2

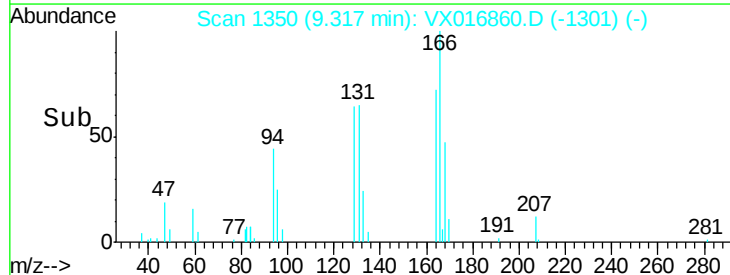
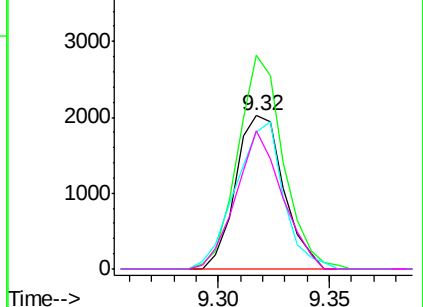


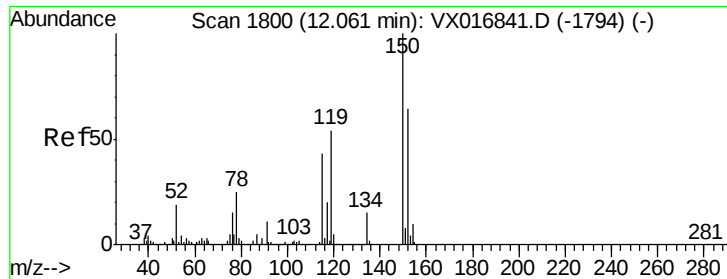
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX016860.D

Acq: 19 Jun 2020 00:17

Instrument :

MSVOA_X

ClientSampleId :

FD-01_061620

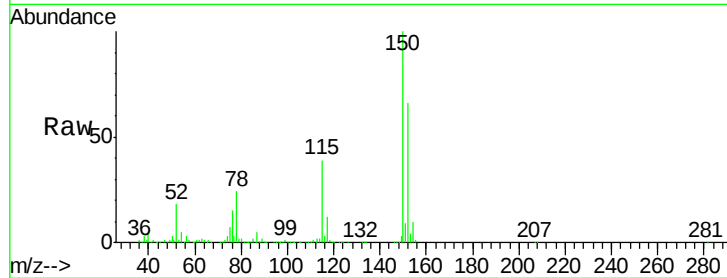
Tot Ion:152 Resp: 230935

Ion Ratio Lower Upper

152 100

115 59.0 40.9 122.8

150 157.5 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

