

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
 Data File : VX016886.D
 Acq On : 19 Jun 2020 17:45
 Operator : JC/SP
 Sample : L3020-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01_061520

Quant Time: Jul 01 05:15:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

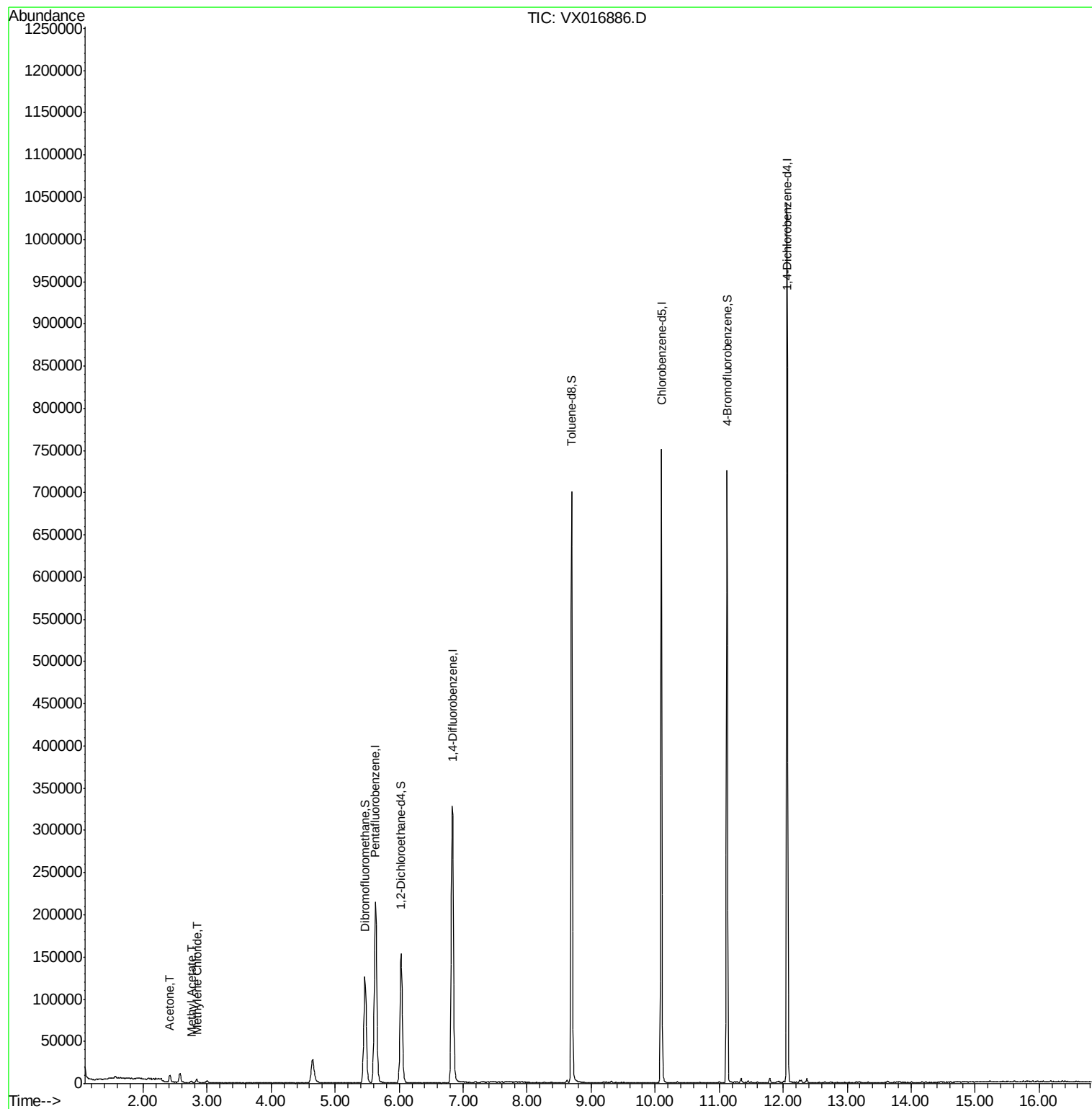
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	348826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	353140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	140565	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	5.46	113	109618	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	8.70	98	427085	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.12	95	186914	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
Target Compounds						
16) Acetone	2.42	43	9720	10.175	ug/l	95
18) Methyl Acetate	2.75	43	1898	0.781	ug/l	97
20) Methylene Chloride	2.84	84	2066	0.902	ug/l	96

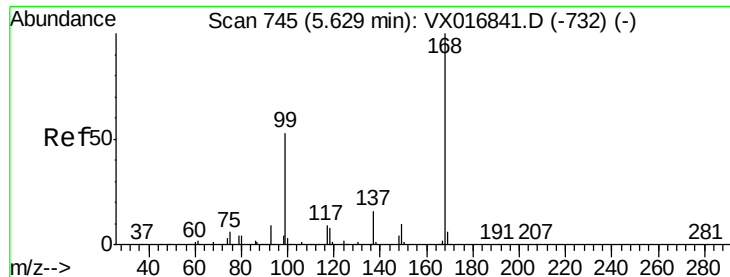
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016886.D

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Instrument :

MSVOA_X

ClientSampleId :

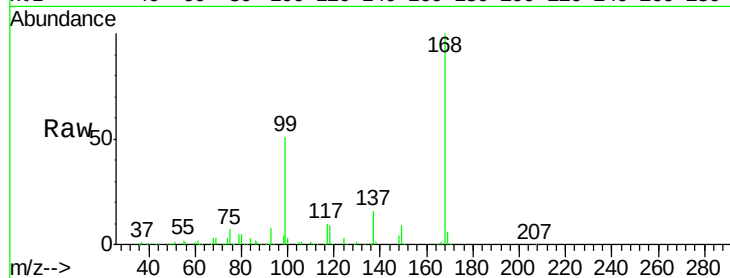
EB-01_061520

Tgt Ion:168 Resp: 218801

Ion Ratio Lower Upper

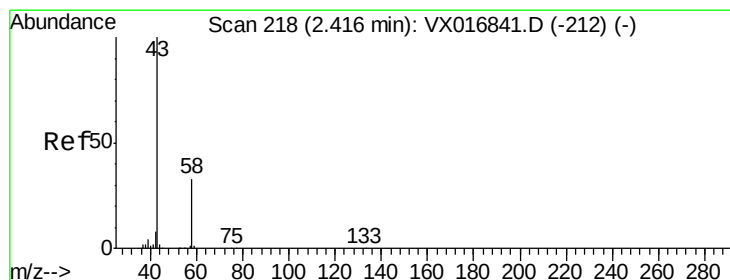
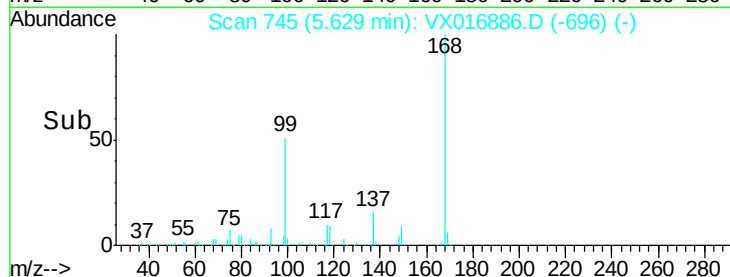
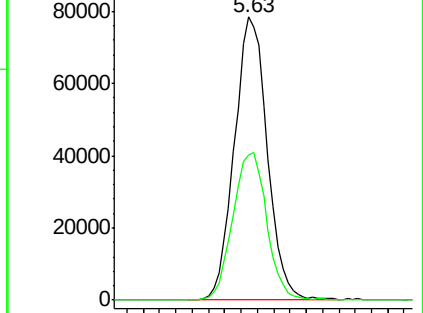
168 100

99 51.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.175 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016886.D

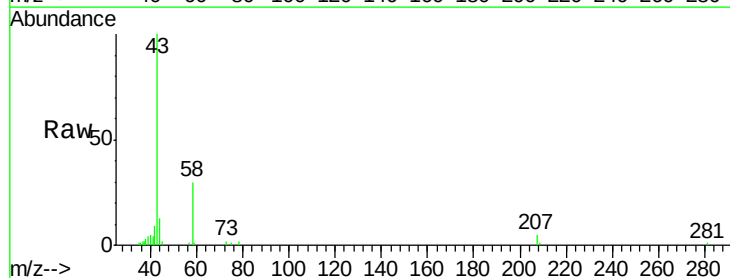
Acq: 19 Jun 2020 17:45

Tgt Ion: 43 Resp: 9720

Ion Ratio Lower Upper

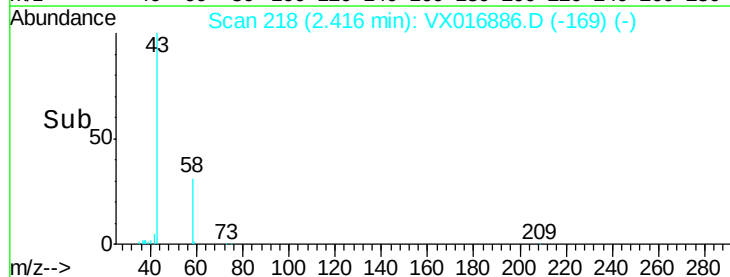
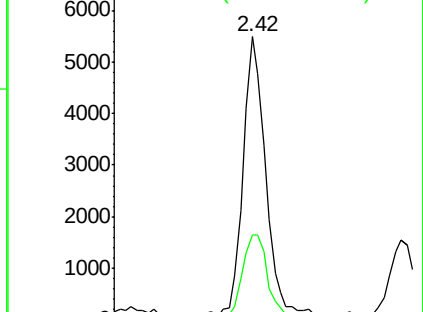
43 100

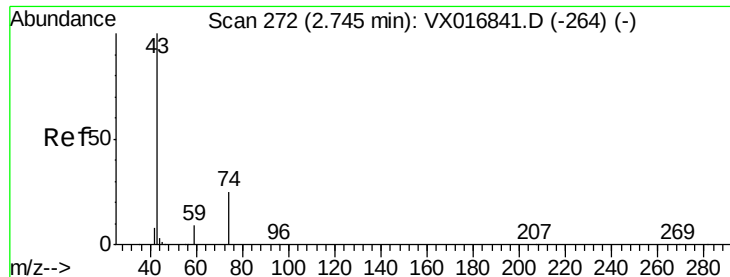
58 30.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

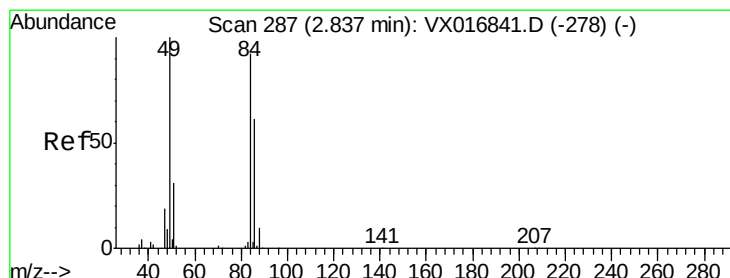
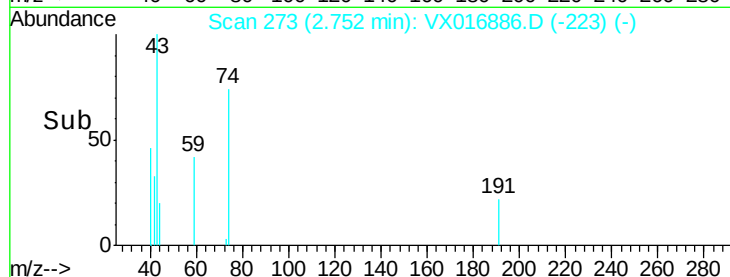
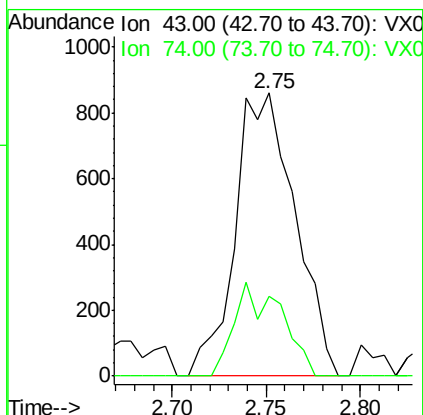
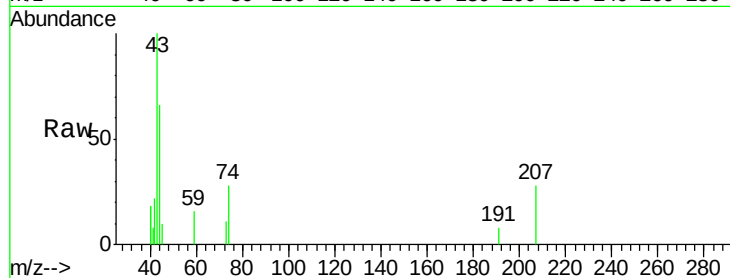




#18
Methyl Acetate
Concen: 0.781 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016886.D
Acq: 19 Jun 2020 17:45

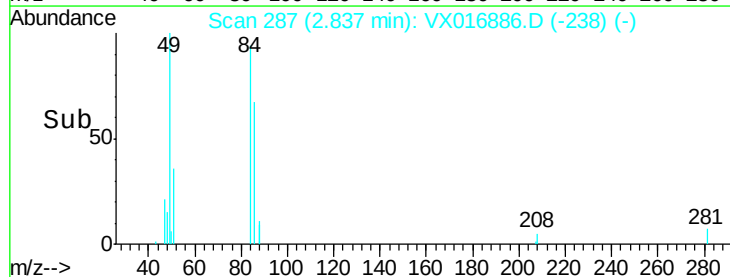
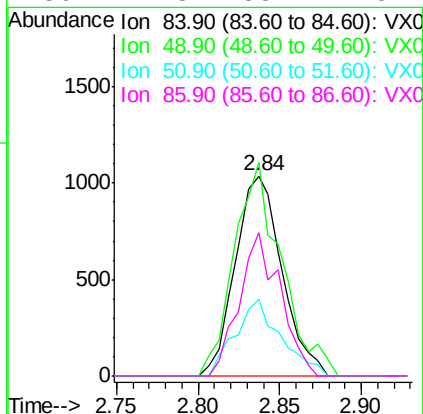
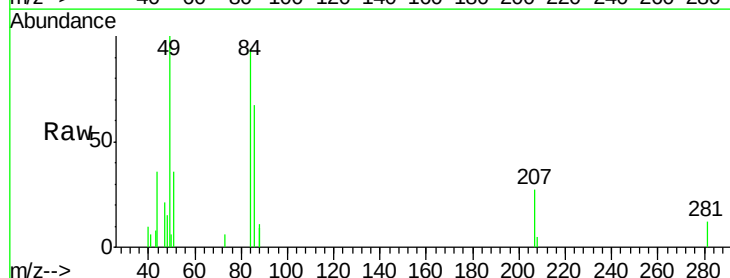
Instrument :
MSVOA_X
ClientSampleId :
EB-01_061520

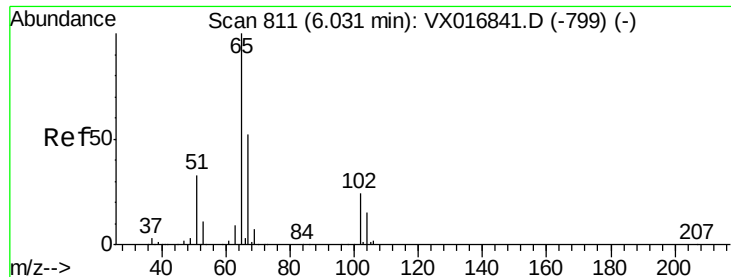
Tgt Ion: 43 Resp: 1898
Ion Ratio Lower Upper
43 100
74 25.9 21.8 32.8



#20
Methylene Chloride
Concen: 0.902 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016886.D
Acq: 19 Jun 2020 17:45

Tgt Ion: 84 Resp: 2066
Ion Ratio Lower Upper
84 100
49 106.8 86.6 129.8
51 38.7 27.1 40.7
86 71.8 53.1 79.7

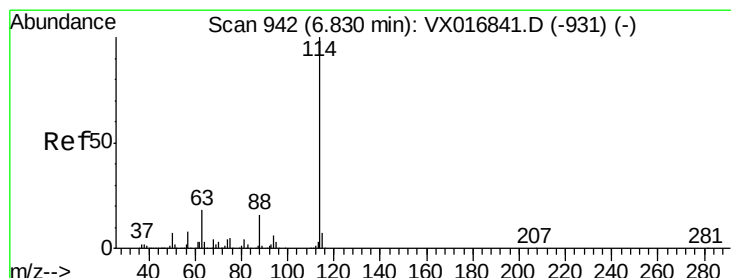
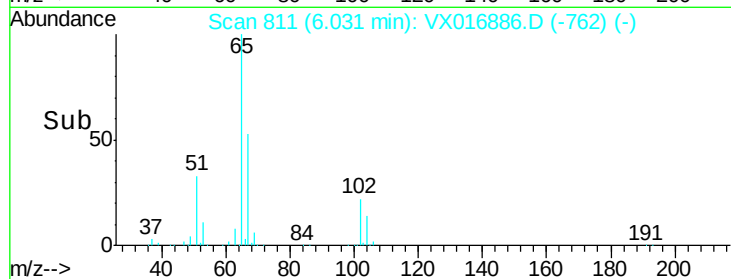
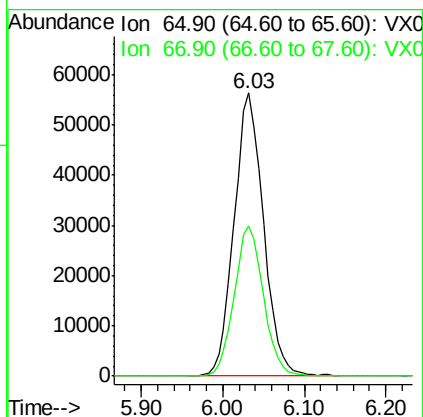
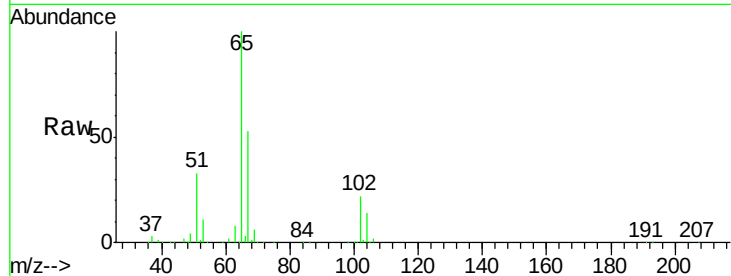




#33
 1,2-Dichloroethane-d4
 Concen: 53.417 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016886.D
 Acq: 19 Jun 2020 17:45

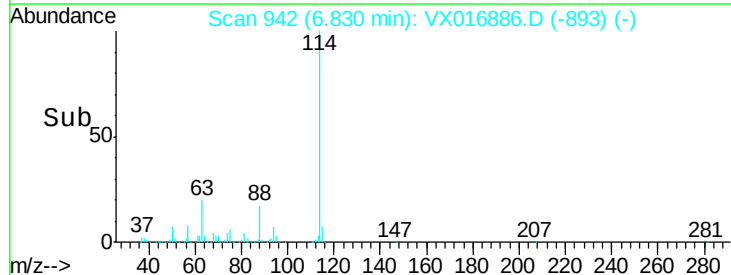
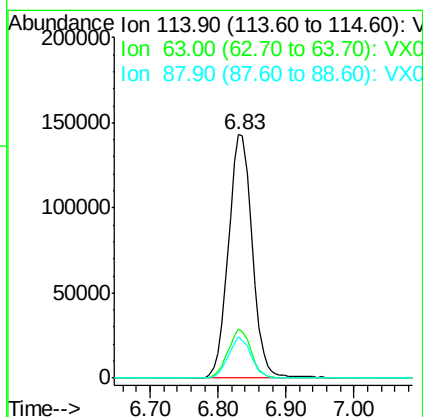
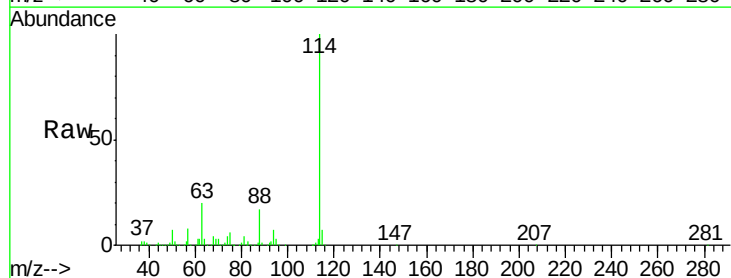
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01_061520

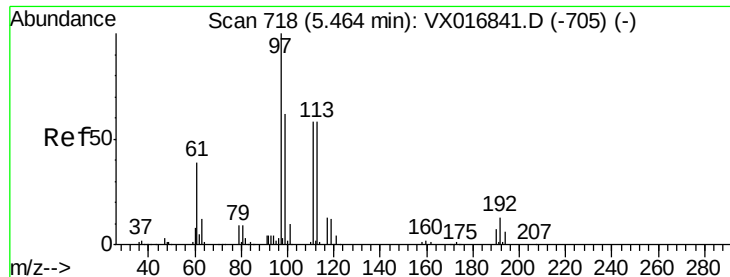
Tgt Ion: 65 Resp: 140565
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016886.D
 Acq: 19 Jun 2020 17:45

Tgt Ion: 114 Resp: 348826
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.0
 88 16.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.124 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016886.D

Acq: 19 Jun 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

EB-01_061520

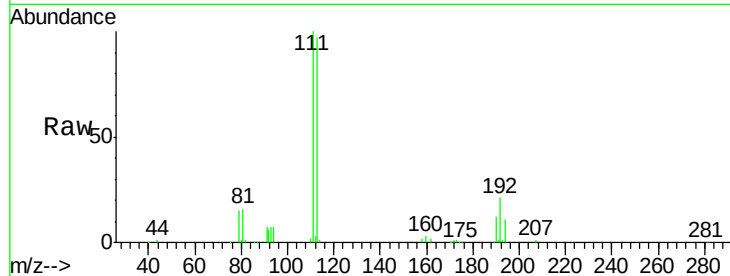
Tgt Ion:113 Resp: 109618

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.4

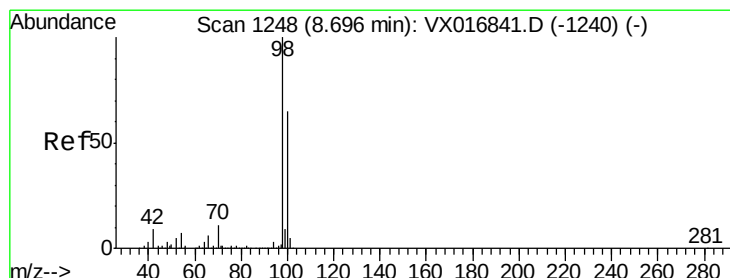
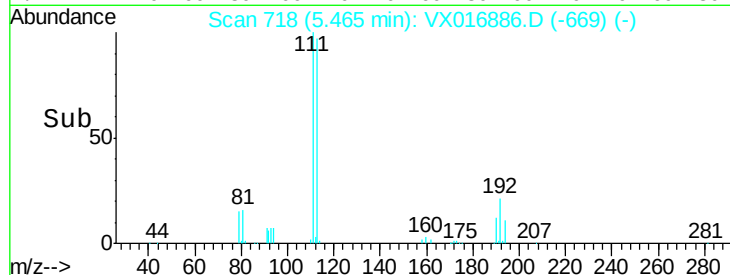
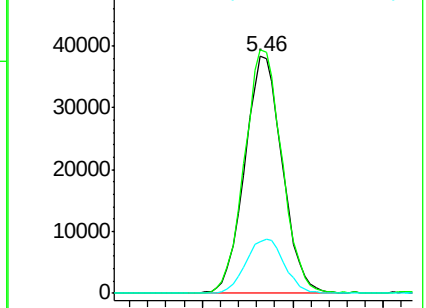
192 23.6 18.5 27.7



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



#50

Toluene-d8

Concen: 47.838 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016886.D

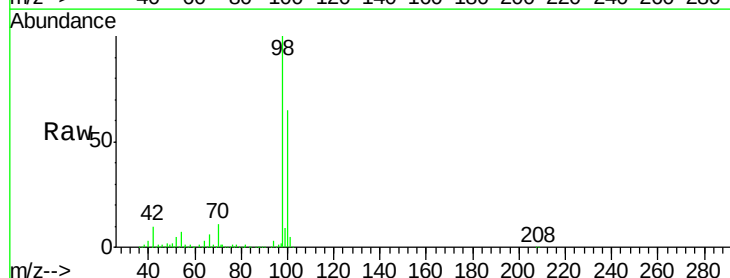
Acq: 19 Jun 2020 17:45

Tgt Ion: 98 Resp: 427085

Ion Ratio Lower Upper

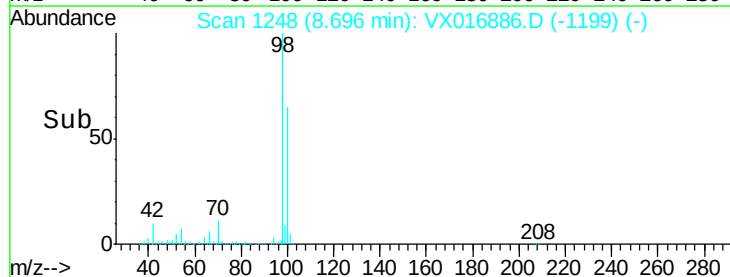
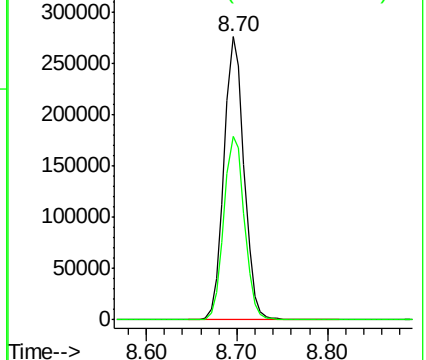
98 100

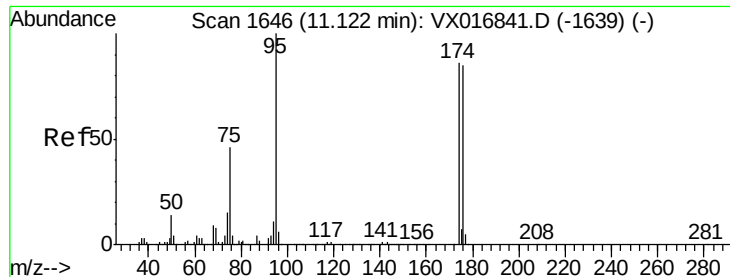
100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.644 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016886.D

Acq: 19 Jun 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

EB-01_061520

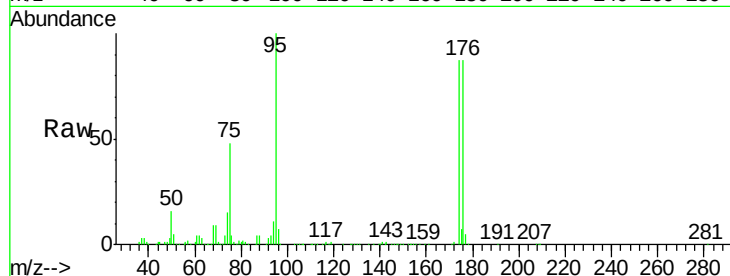
Tgt Ion: 95 Resp: 186914

Ion Ratio Lower Upper

95 100

174 86.3 0.0 174.2

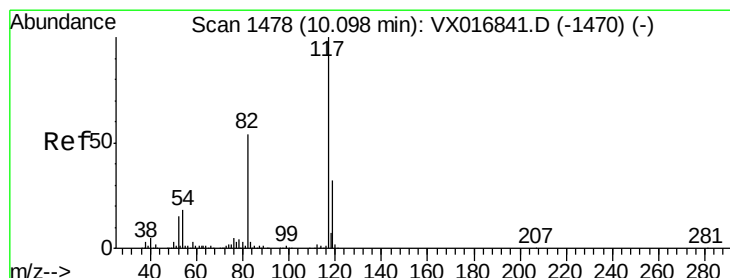
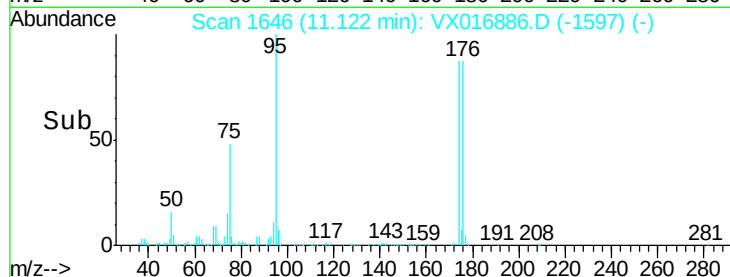
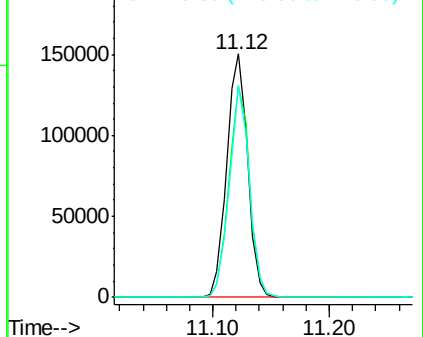
176 83.8 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX016841.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016841.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016841.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016886.D

Acq: 19 Jun 2020 17:45

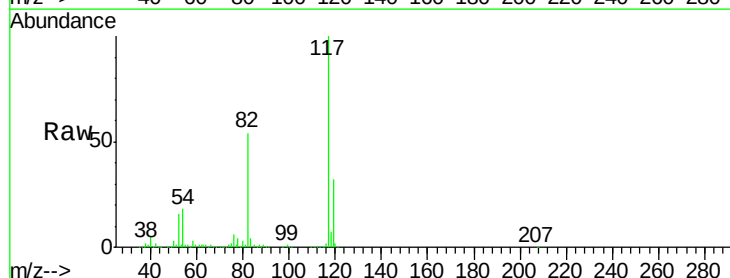
Tgt Ion: 117 Resp: 353140

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

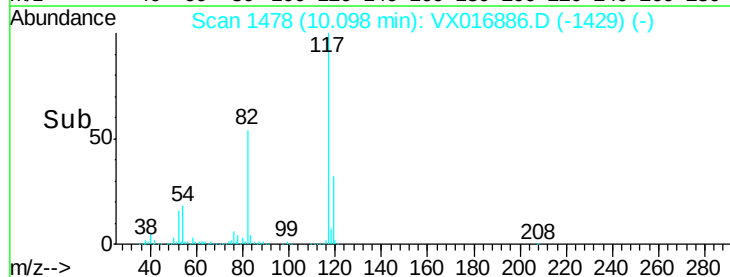
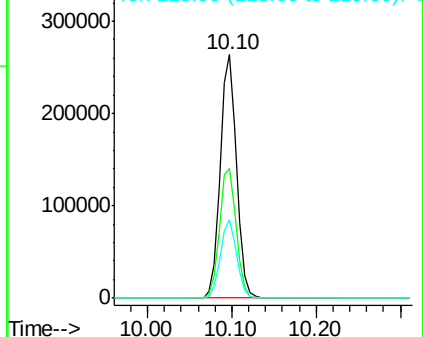
119 32.2 25.7 38.5

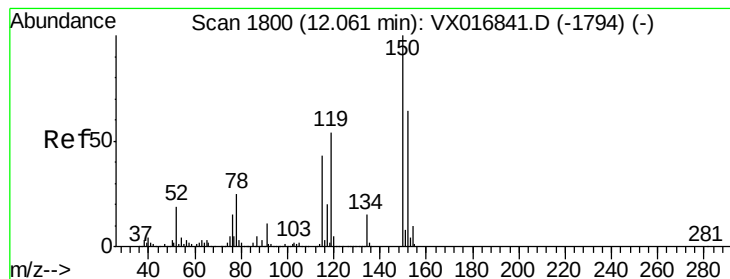


Abundance Ion 116.90 (116.60 to 117.60): VX016841.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016841.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016841.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016886.D

Acq: 19 Jun 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

EB-01_061520

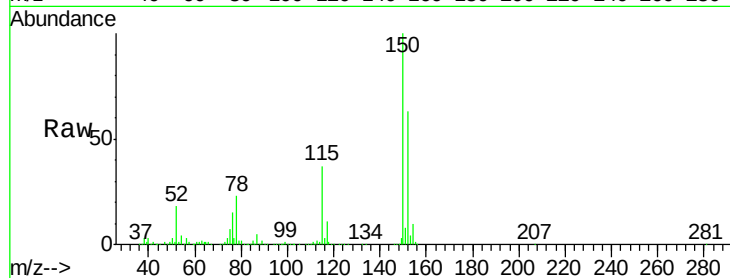
Tgt Ion:152 Resp: 217347

Ion Ratio Lower Upper

152 100

115 58.1 40.9 122.8

150 157.8 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

