

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019786.D
 Acq On : 09 Dec 2020 18:07
 Operator : JC/MD
 Sample : L4971-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5S1-D-BOTTOM

Quant Time: Dec 10 06:20:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	329798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	544896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	501705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223849	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	204435	47.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.32%		
35) Dibromofluoromethane	5.46	113	167045	47.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.86%		
50) Toluene-d8	8.70	98	661924	49.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.46%		
62) 4-Bromofluorobenzene	11.12	95	235637	46.05	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.10%		

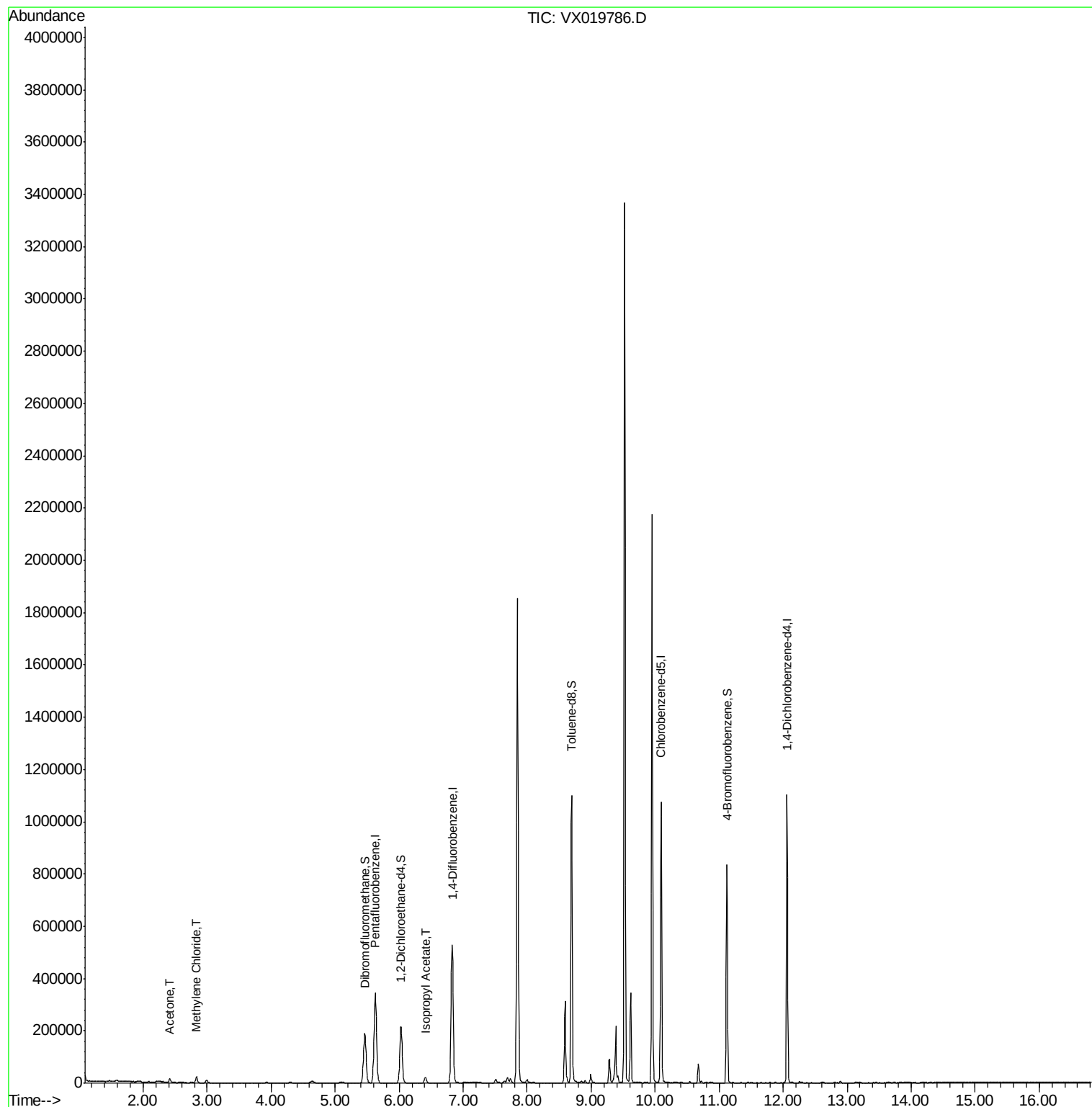
Target Compounds					Qvalue
16) Acetone	2.42	43	14547	8.929 ug/l	99
20) Methylene Chloride	2.84	84	10719	1.502 ug/l	98
43) Isopropyl Acetate	6.41	43	26941	3.333 ug/l	99

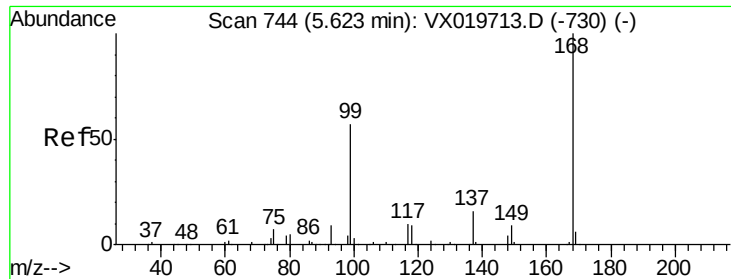
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019786.D

Acq: 09 Dec 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

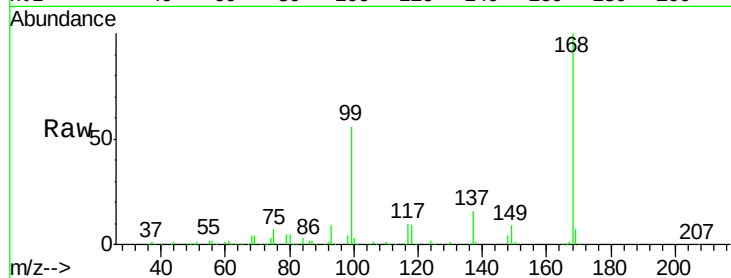
5S1-D-BOTTOM

Tot Ion:168 Resp: 329798

Ion Ratio Lower Upper

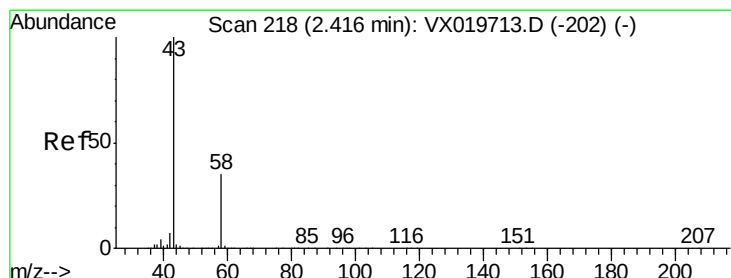
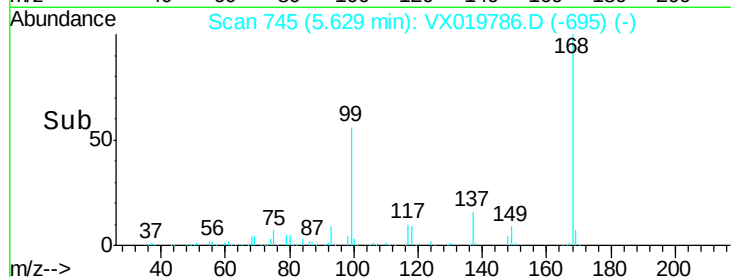
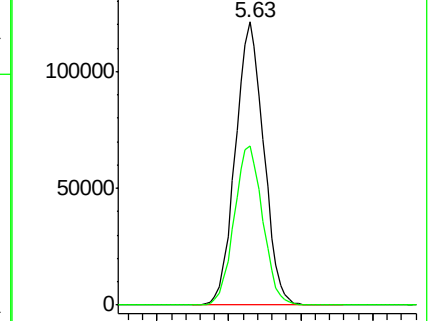
168 100

99 56.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.929 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019786.D

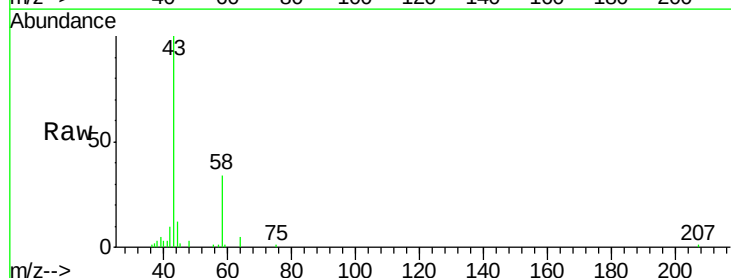
Acq: 09 Dec 2020 18:07

Tgt Ion: 43 Resp: 14547

Ion Ratio Lower Upper

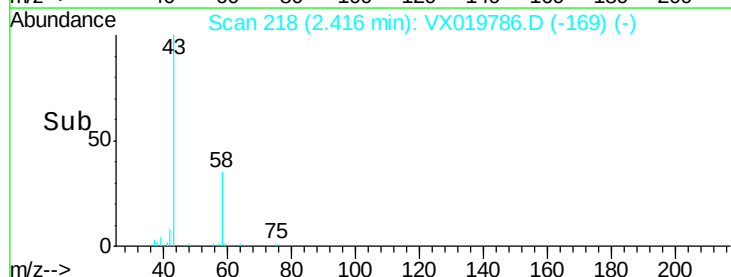
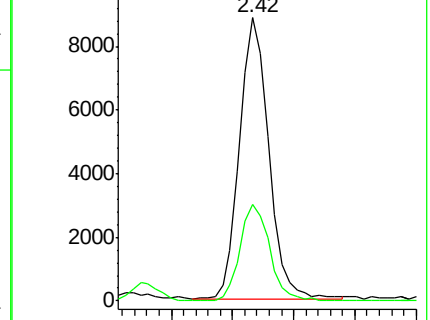
43 100

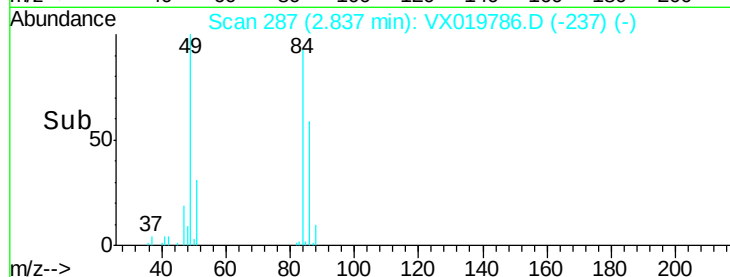
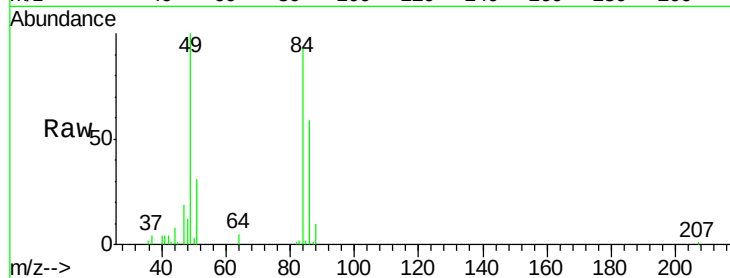
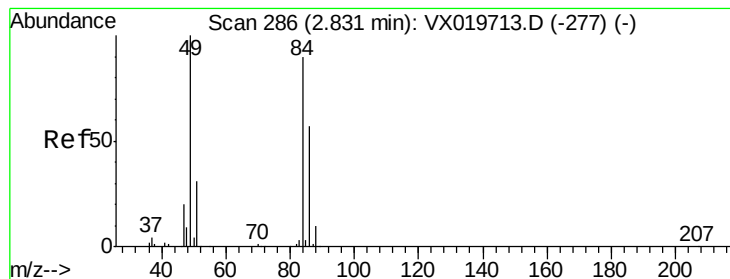
58 34.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 1.502 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX019786.D

Acq: 09 Dec 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

5S1-D-BOTTOM

Tot Ion: 84 Resp: 10719

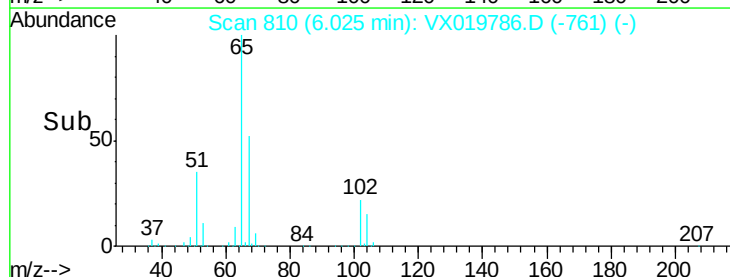
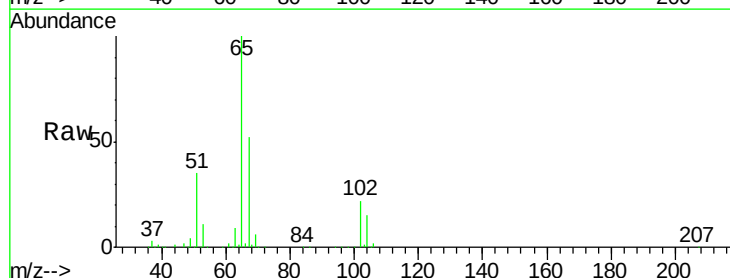
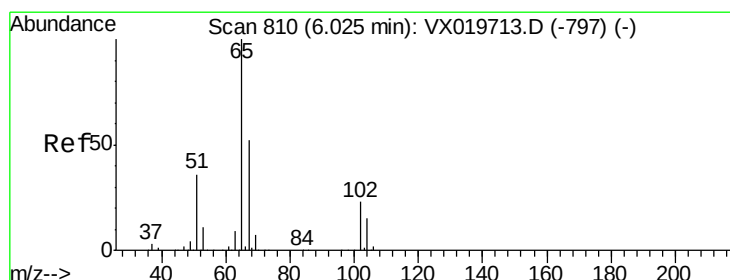
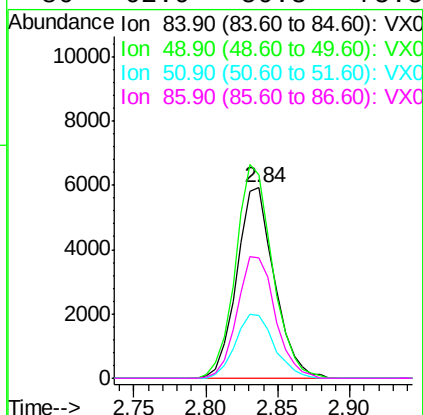
Ion Ratio Lower Upper

84 100

49 107.0 88.6 132.8

51 33.1 27.0 40.6

86 62.9 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 47.164 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019786.D

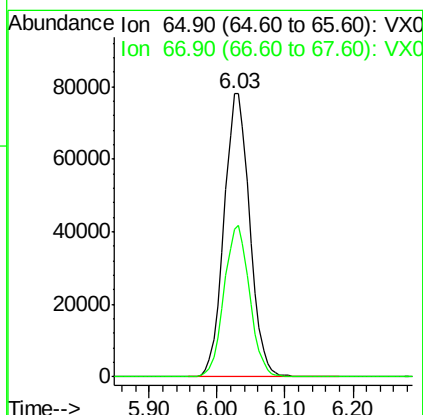
Acq: 09 Dec 2020 18:07

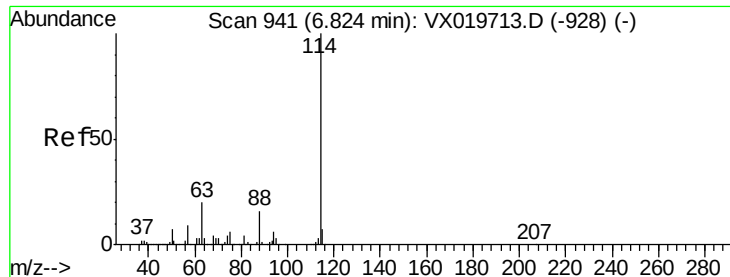
Tgt Ion: 65 Resp: 204435

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4

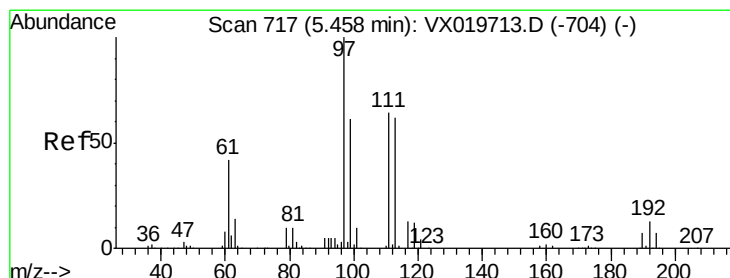
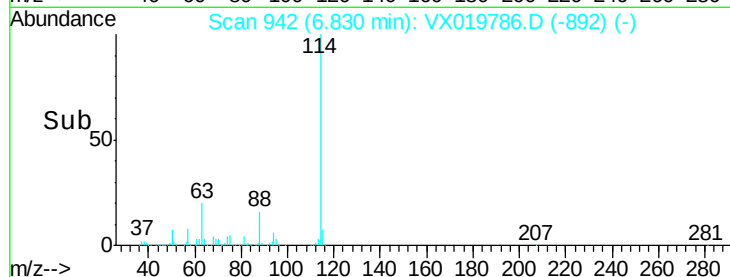
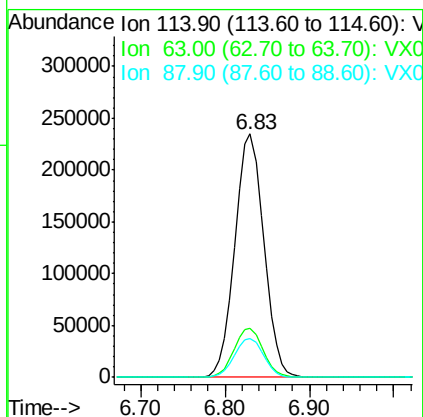
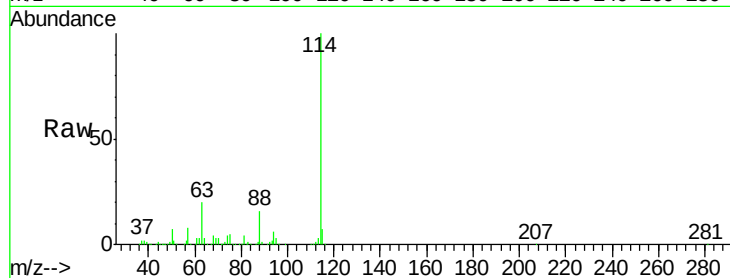




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019786.D
 Acq: 09 Dec 2020 18:07

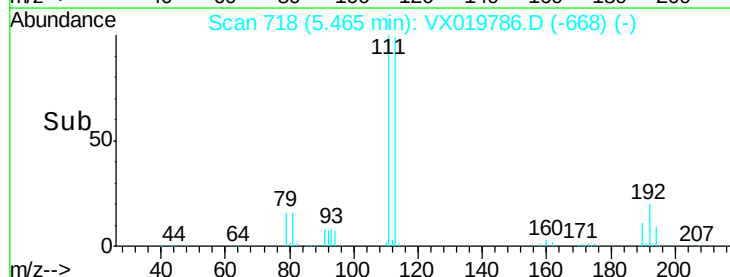
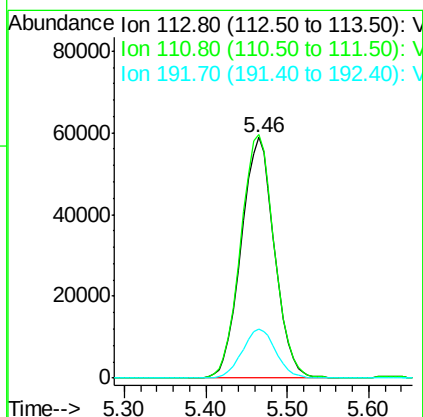
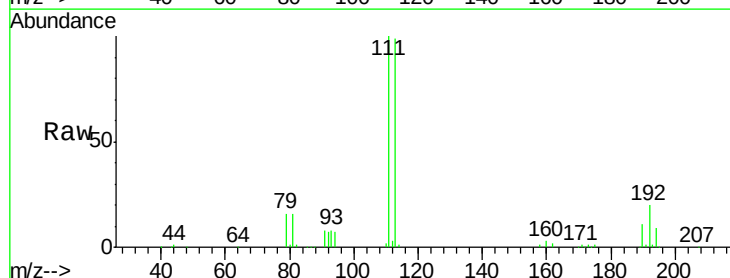
Instrument :
 MSVOA_X
 ClientSampleId :
 5S1-D-BOTTOM

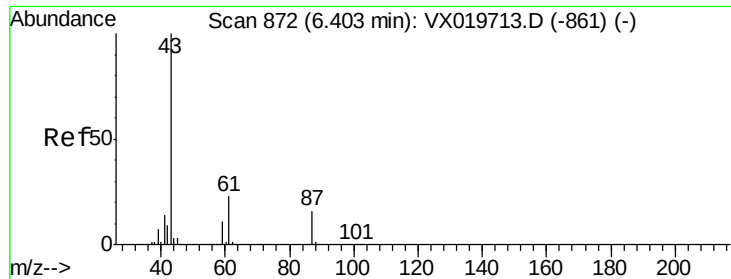
Tot Ion:114 Resp: 544896
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.2 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 47.435 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019786.D
 Acq: 09 Dec 2020 18:07

Tgt Ion:113 Resp: 167045
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 20.5 16.7 25.1





#43

Isopropyl Acetate

Concen: 3.333 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019786.D

Acq: 09 Dec 2020 18:07

Instrument :

MSVOA_X

ClientSampled :

5S1-D-BOTTOM

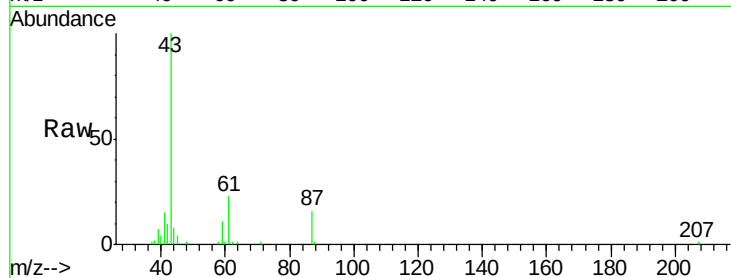
Tot Ion: 43 Resp: 26941

Ion Ratio Lower Upper

43 100

61 22.6 18.2 27.4

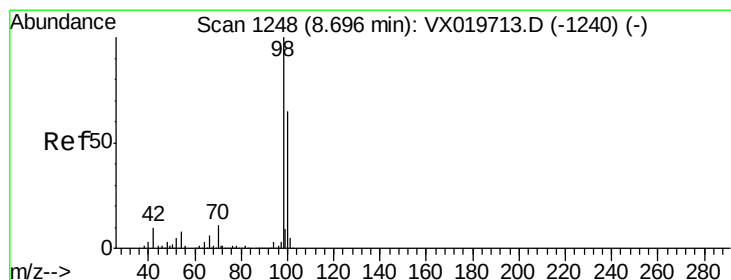
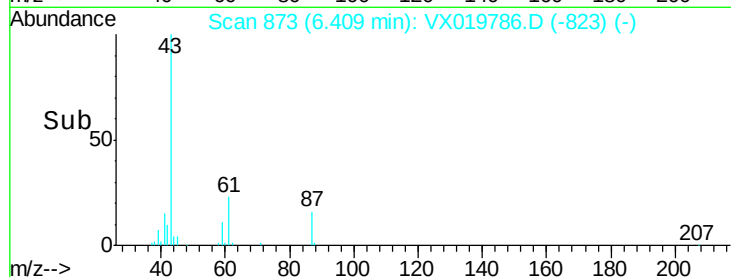
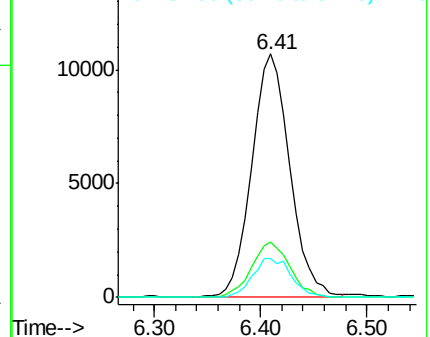
87 16.2 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.234 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019786.D

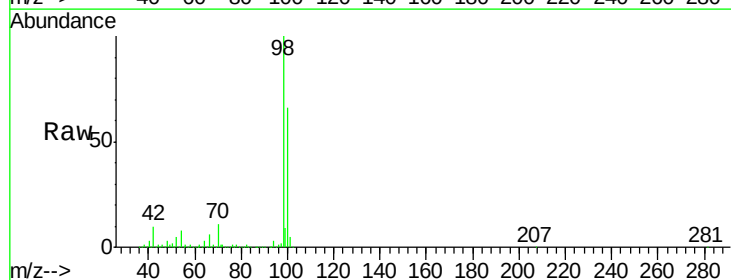
Acq: 09 Dec 2020 18:07

Tgt Ion: 98 Resp: 661924

Ion Ratio Lower Upper

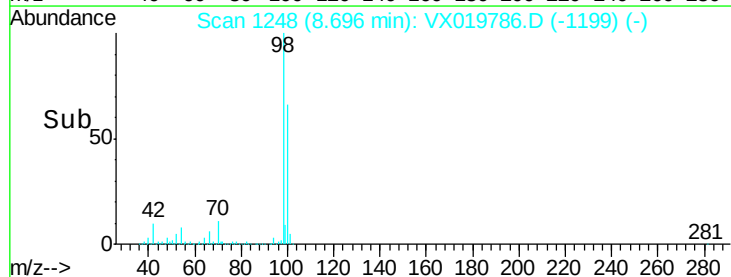
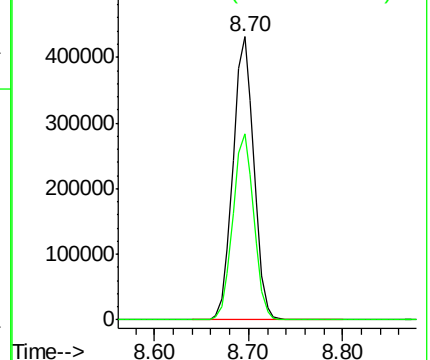
98 100

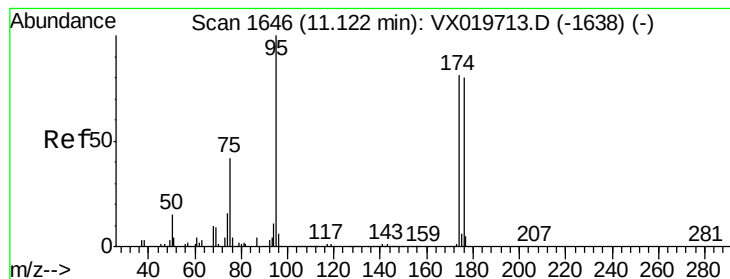
100 65.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.049 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019786.D

Acq: 09 Dec 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

5S1-D-BOTTOM

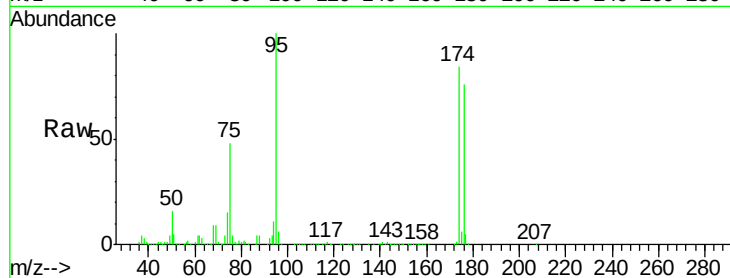
Tot Ion: 95 Resp: 235637

Ion Ratio Lower Upper

95 100

174 79.3 0.0 154.6

176 74.3 0.0 155.8

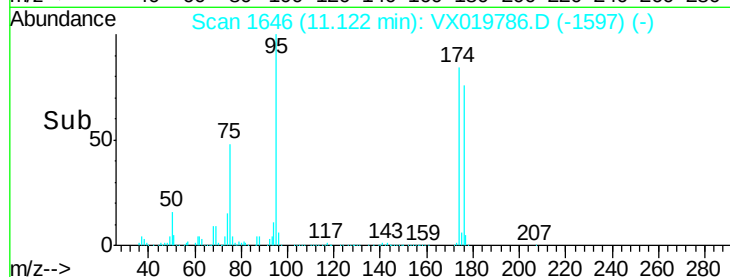


Abundance Ion 94.90 (94.60 to 95.60): VX019713.D (-1638) (-)

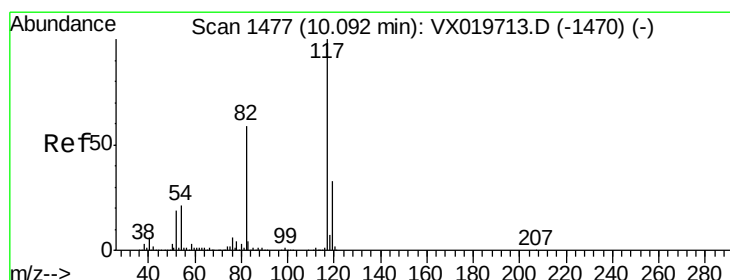
Ion 173.80 (173.50 to 174.50): VX019713.D (-1638) (-)

Ion 175.80 (175.50 to 176.50): VX019713.D (-1638) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019786.D

Acq: 09 Dec 2020 18:07

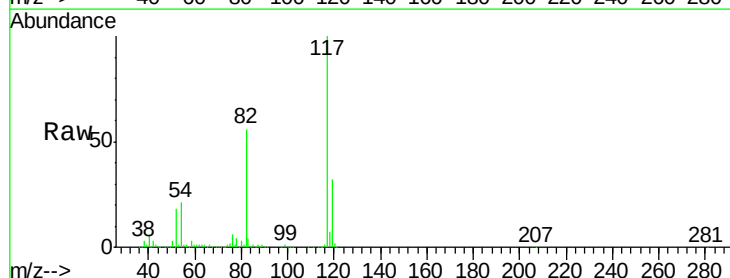
Tgt Ion: 117 Resp: 501705

Ion Ratio Lower Upper

117 100

82 56.1 47.4 71.2

119 32.0 26.6 39.8

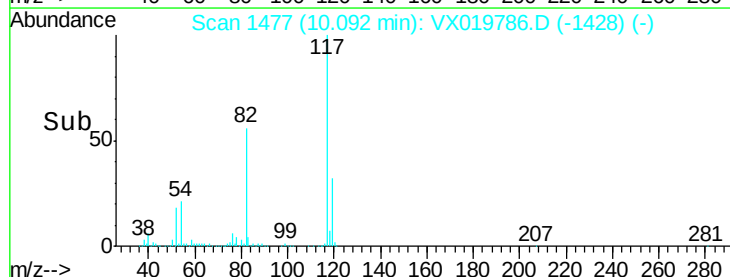


Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

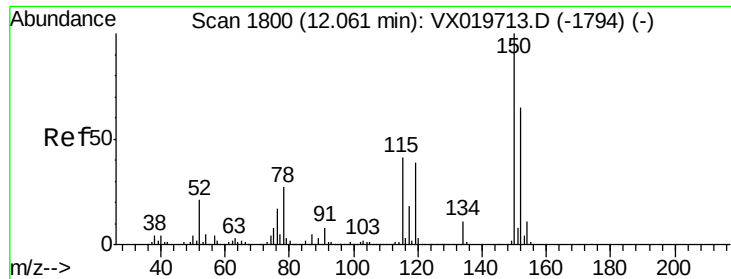
Ion 82.00 (81.70 to 82.70): VX019713.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019713.D (-1470) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019786.D

Acq: 09 Dec 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

5S1-D-BOTTOM

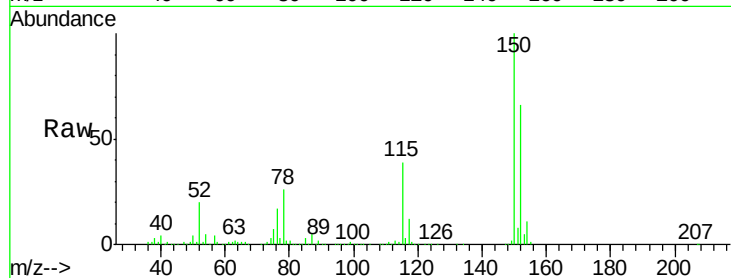
Tot Ion:152 Resp: 223849

Ion Ratio Lower Upper

152 100

115 58.8 41.1 123.3

150 155.4 0.0 349.0



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

