

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019989.D
 Acq On : 14 Dec 2020 16:15
 Operator : JC/MD
 Sample : L5065-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JBD-WC-S-IB-0809A-0-6

Quant Time: Dec 15 01:43:09 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	289464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	485199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	453833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187378	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	186109	48.92	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.84%
35) Dibromofluoromethane	5.46	113	150756	48.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.16%
50) Toluene-d8	8.70	98	599638	50.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.18%
62) 4-Bromofluorobenzene	11.12	95	209334	45.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.88%

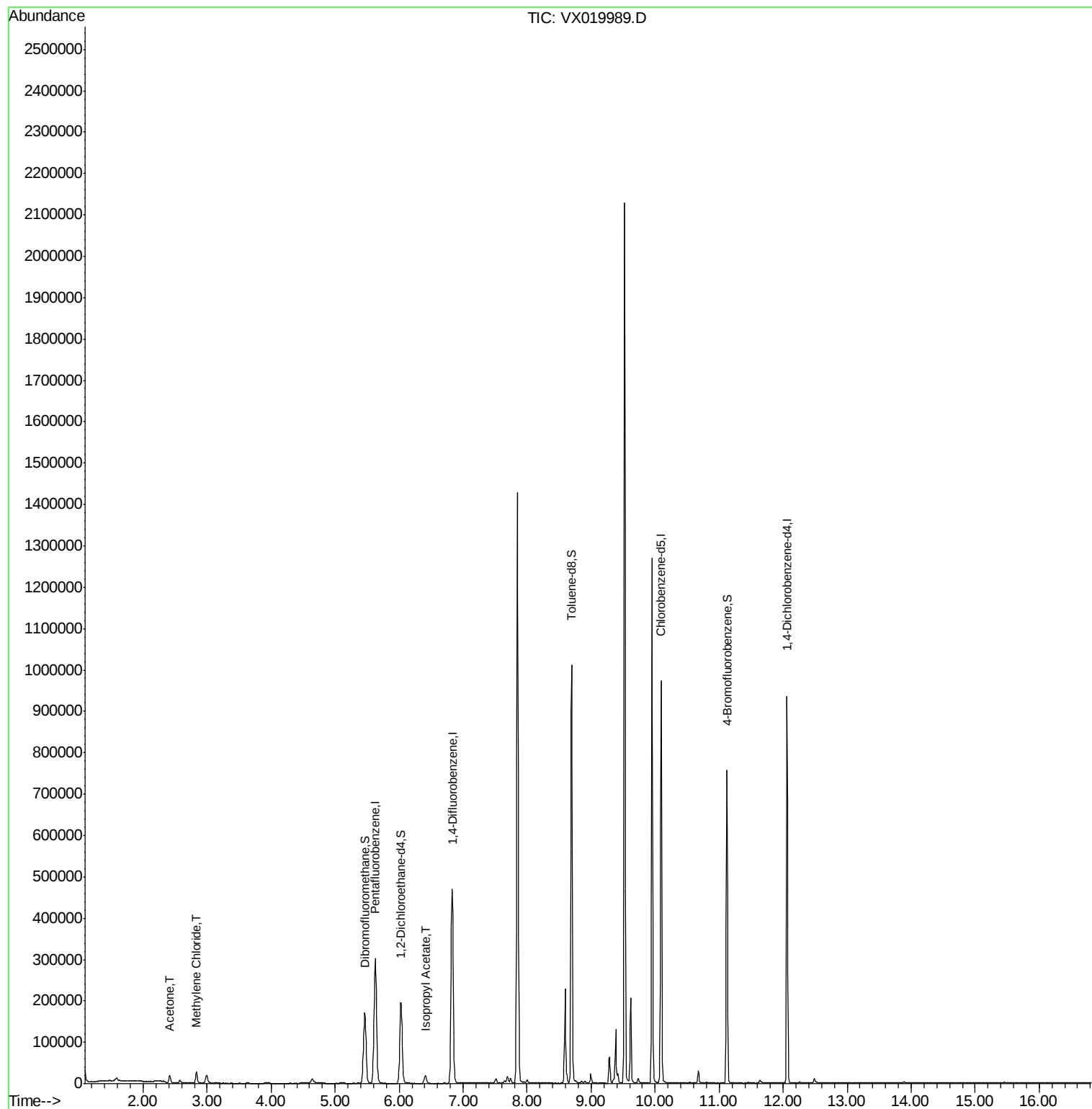
Target Compounds					Qvalue
16) Acetone	2.42	43	18451	12.903	ug/l 97
20) Methylene Chloride	2.83	84	12874	2.595	ug/l 95
43) Isopropyl Acetate	6.41	43	24225	3.366	ug/l 98

(#) = 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. 0.01 min

Lab File: VX019989.D

Acq: 14 Dec 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

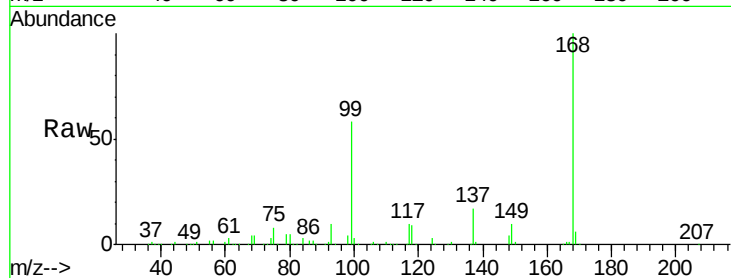
JBD-WC-S-IB-0809A-0-6

Tot Ion:168 Resp: 289464

Ion Ratio Lower Upper

168 100

99 57.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

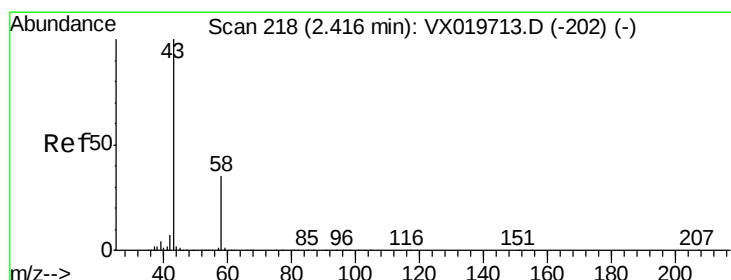
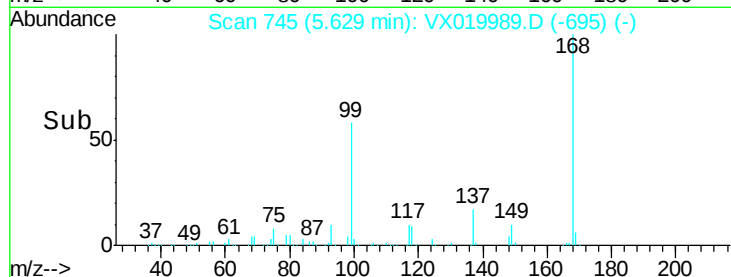
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.903 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019989.D

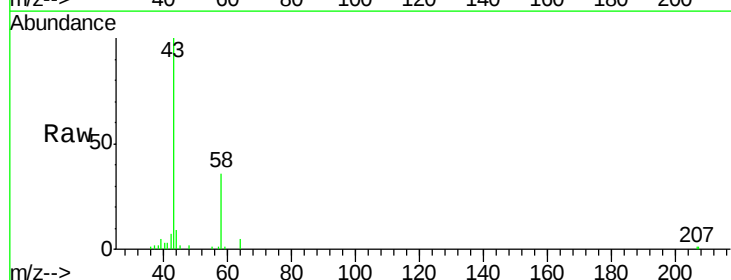
Acq: 14 Dec 2020 16:15

Tgt Ion: 43 Resp: 18451

Ion Ratio Lower Upper

43 100

58 36.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

12000

10000

8000

6000

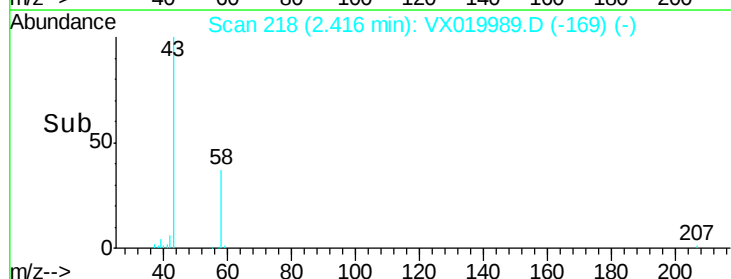
4000

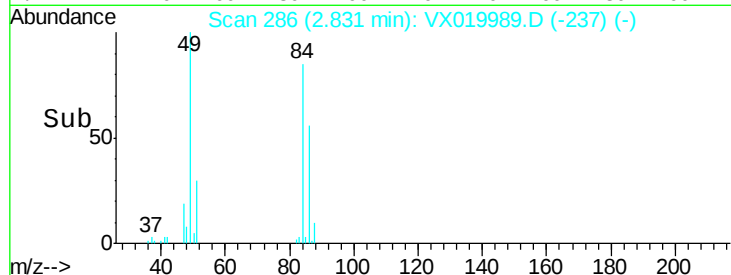
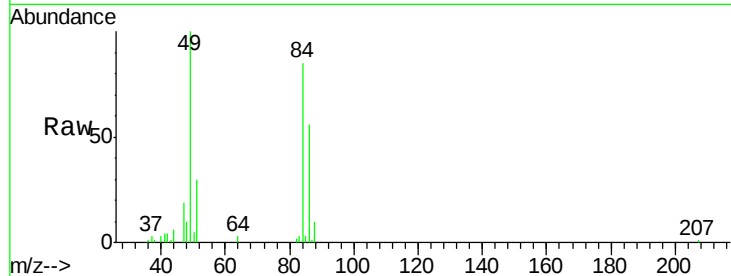
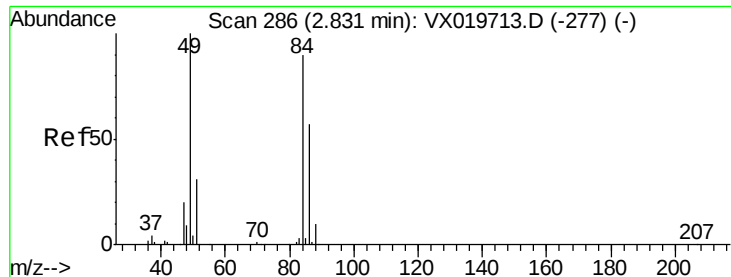
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55

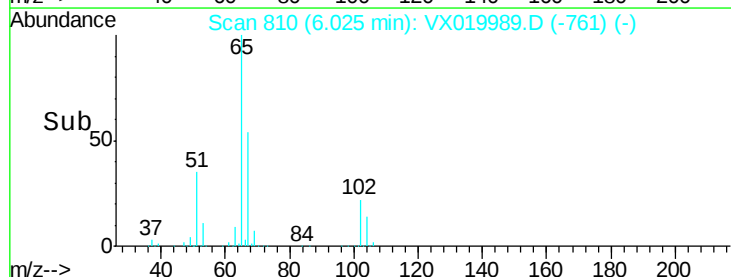
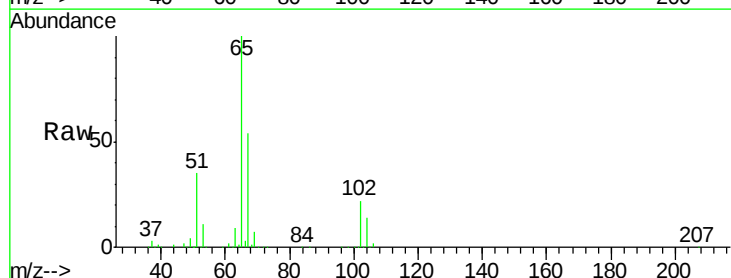
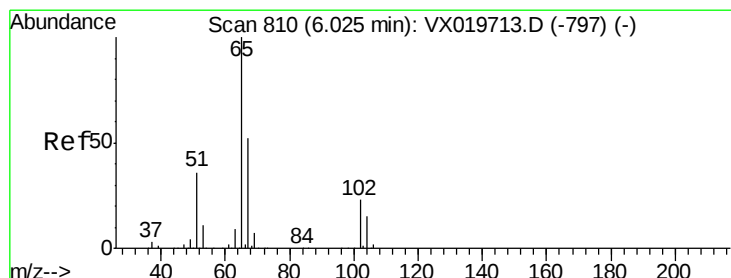
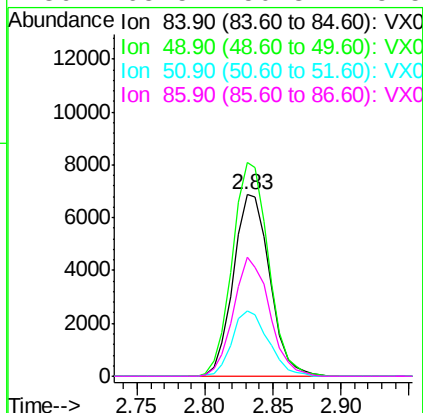




#20
Methylene Chloride
Concen: 2.595 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

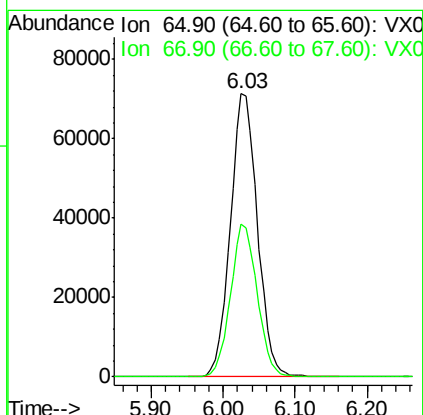
Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

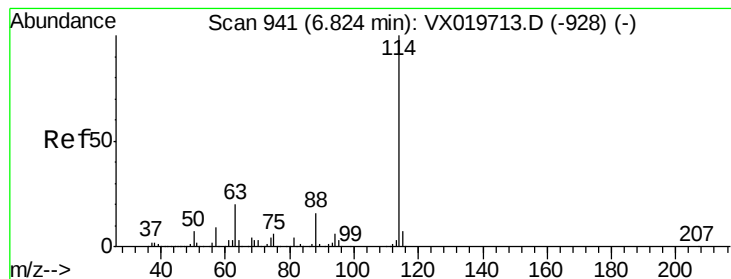
Tot Ion: 84 Resp: 12874
Ion Ratio Lower Upper
84 100
49 117.8 88.6 132.8
51 35.8 27.0 40.6
86 65.5 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 48.919 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 65 Resp: 186109
Ion Ratio Lower Upper
65 100
67 53.6 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: VX019989.D

Acq: 14 Dec 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-IB-0809A-0-6

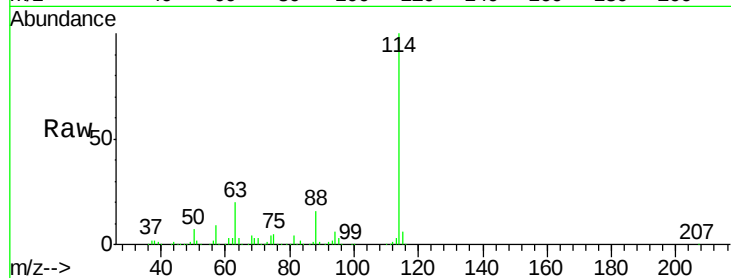
Tot Ion:114 Resp: 485199

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

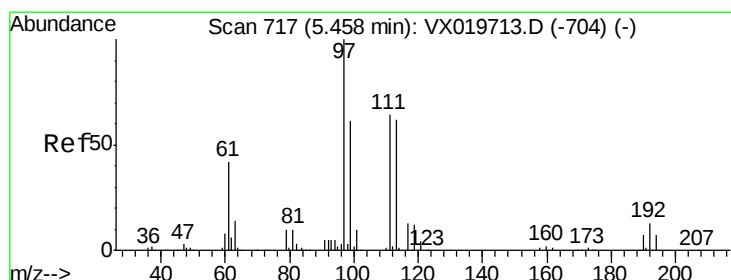
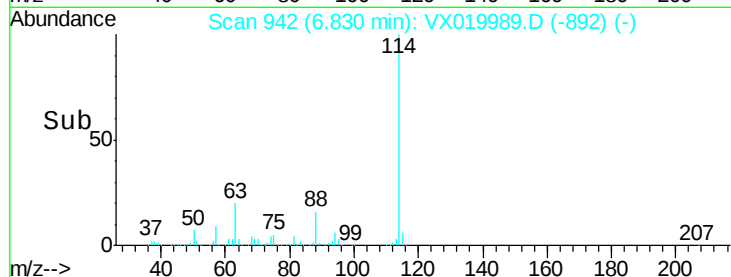
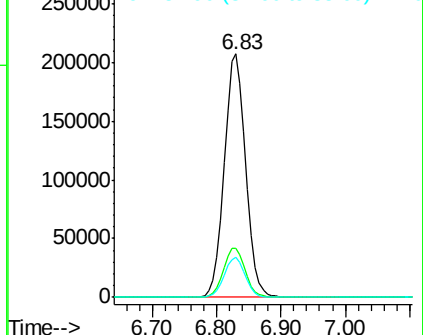
88 16.2 0.0 32.8



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: 48.076 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019989.D

Acq: 14 Dec 2020 16:15

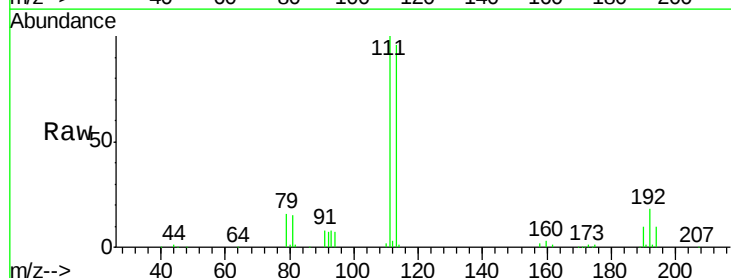
Tgt Ion:113 Resp: 150756

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

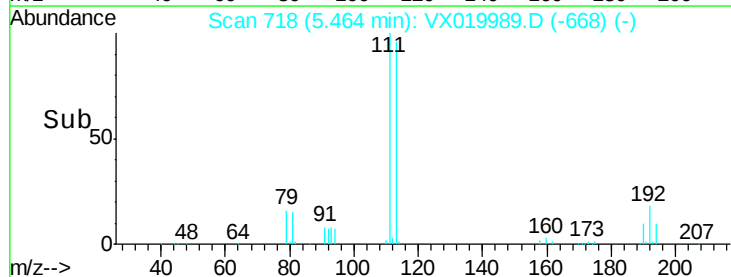
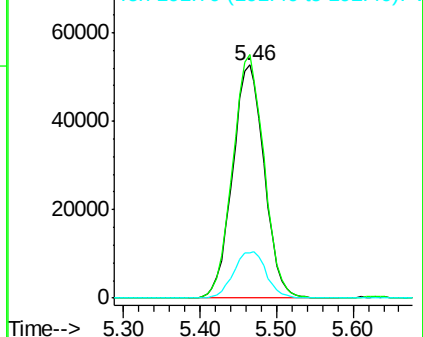
192 20.5 16.7 25.1

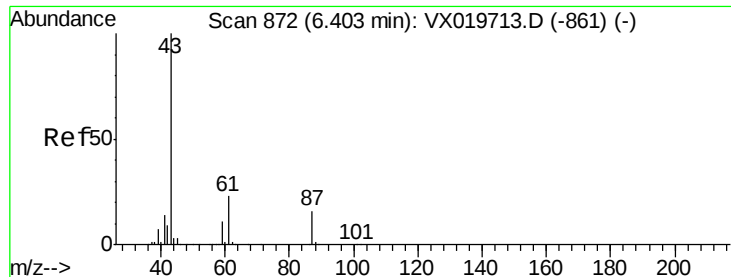


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.366 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019989.D

Acq: 14 Dec 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-IB-0809A-0-6

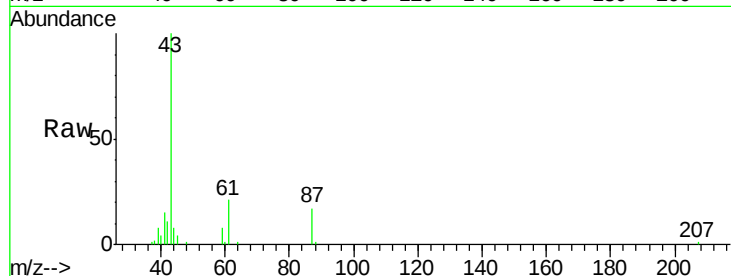
Tot Ion: 43 Resp: 24225

Ion Ratio Lower Upper

43 100

61 21.7 18.2 27.4

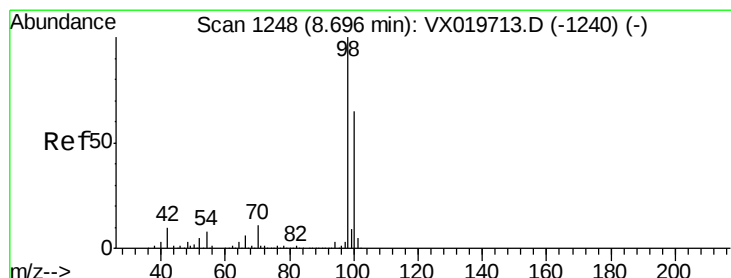
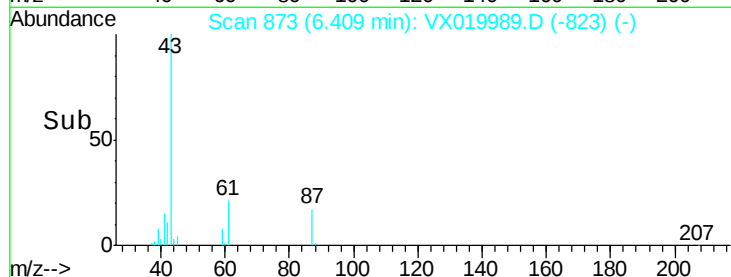
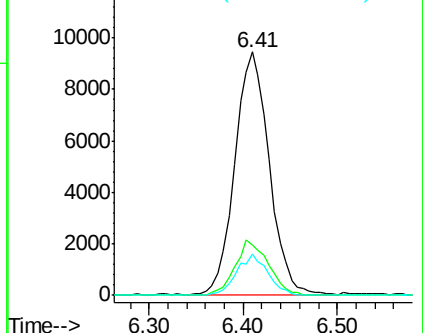
87 15.2 12.5 18.7



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: 50.089 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019989.D

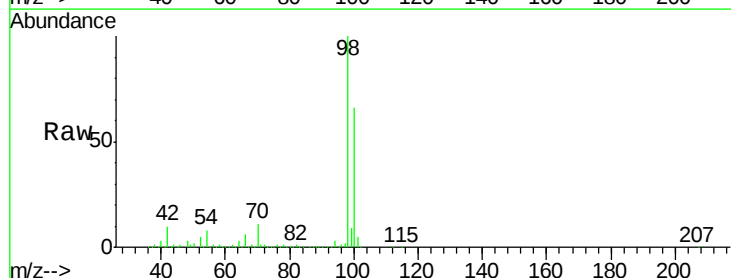
Acq: 14 Dec 2020 16:15

Tgt Ion: 98 Resp: 599638

Ion Ratio Lower Upper

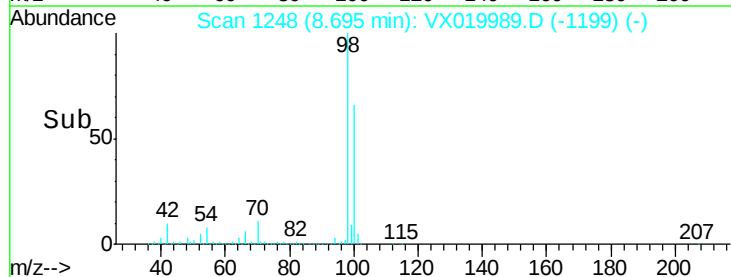
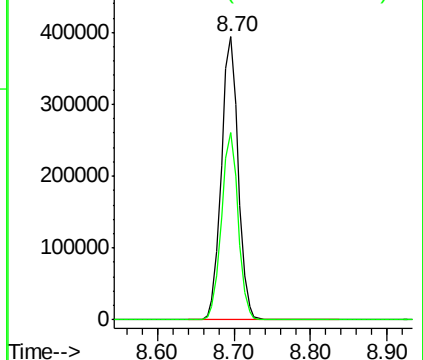
98 100

100 65.5 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: 45.942 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019989.D

Acq: 14 Dec 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-IB-0809A-0-6

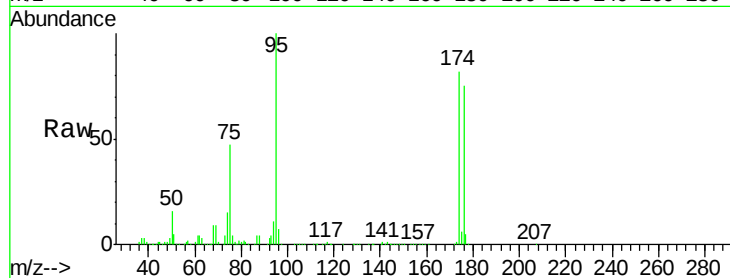
Tot Ion: 95 Resp: 209334

Ion Ratio Lower Upper

95 100

174 78.3 0.0 154.6

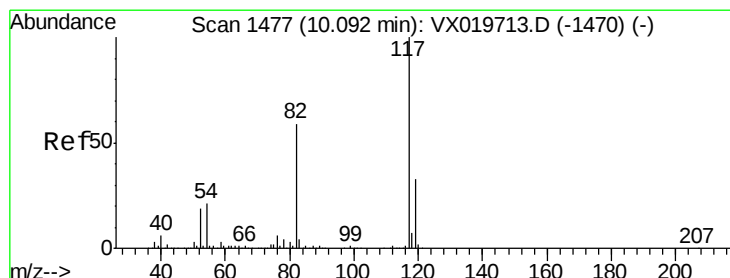
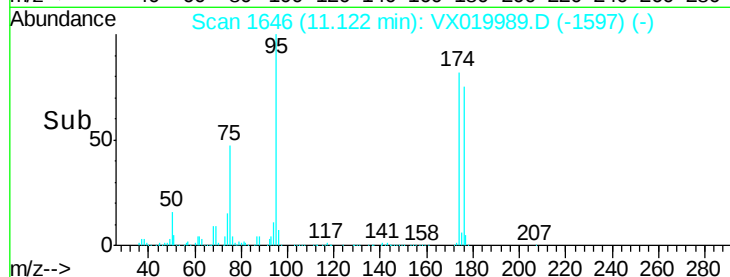
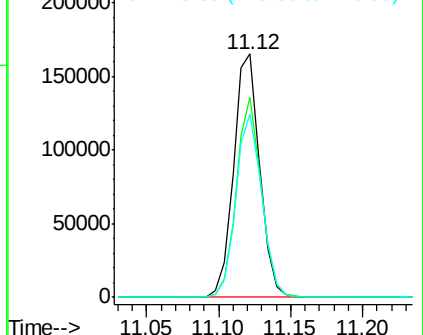
176 74.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019989.D

Acq: 14 Dec 2020 16:15

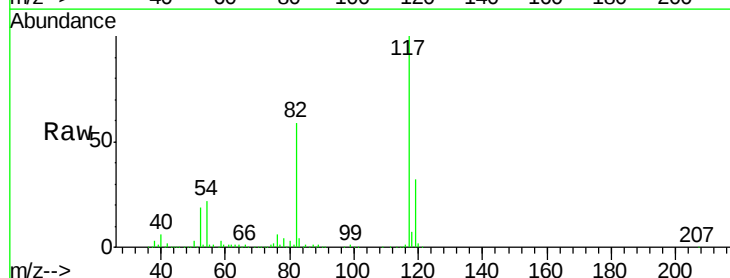
Tgt Ion: 117 Resp: 453833

Ion Ratio Lower Upper

117 100

82 59.5 47.4 71.2

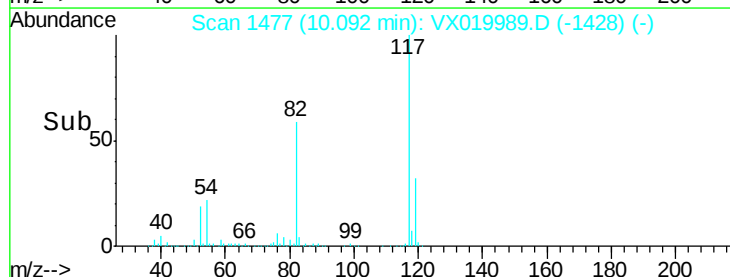
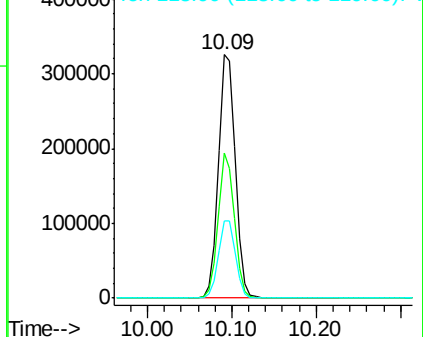
119 31.6 26.6 39.8

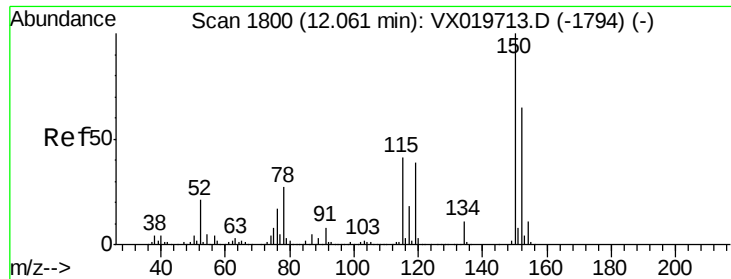


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019989.D

Acq: 14 Dec 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-IB-0809A-0-6

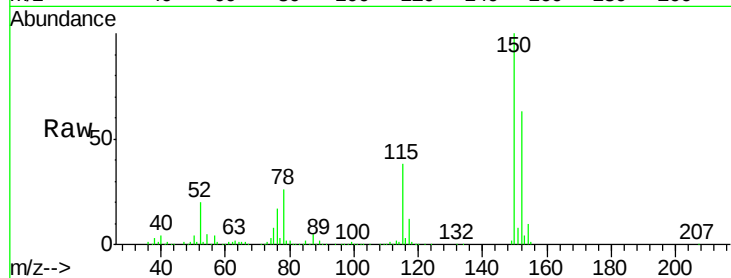
Tot Ion:152 Resp: 187378

Ion Ratio Lower Upper

152 100

115 60.7 41.1 123.3

150 158.7 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

