

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019987.D
 Acq On : 14 Dec 2020 15:28
 Operator : JC/MD
 Sample : L5065-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JBD-WC-S-SB-01-0-52

Quant Time: Dec 15 01:12:06 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	296128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	495223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	471185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190342	48.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.82%
35) Dibromofluoromethane	5.46	113	154657	48.32	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.64%
50) Toluene-d8	8.70	98	614301	50.27	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.54%
62) 4-Bromofluorobenzene	11.12	95	220024	47.31	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.62%

Target Compounds

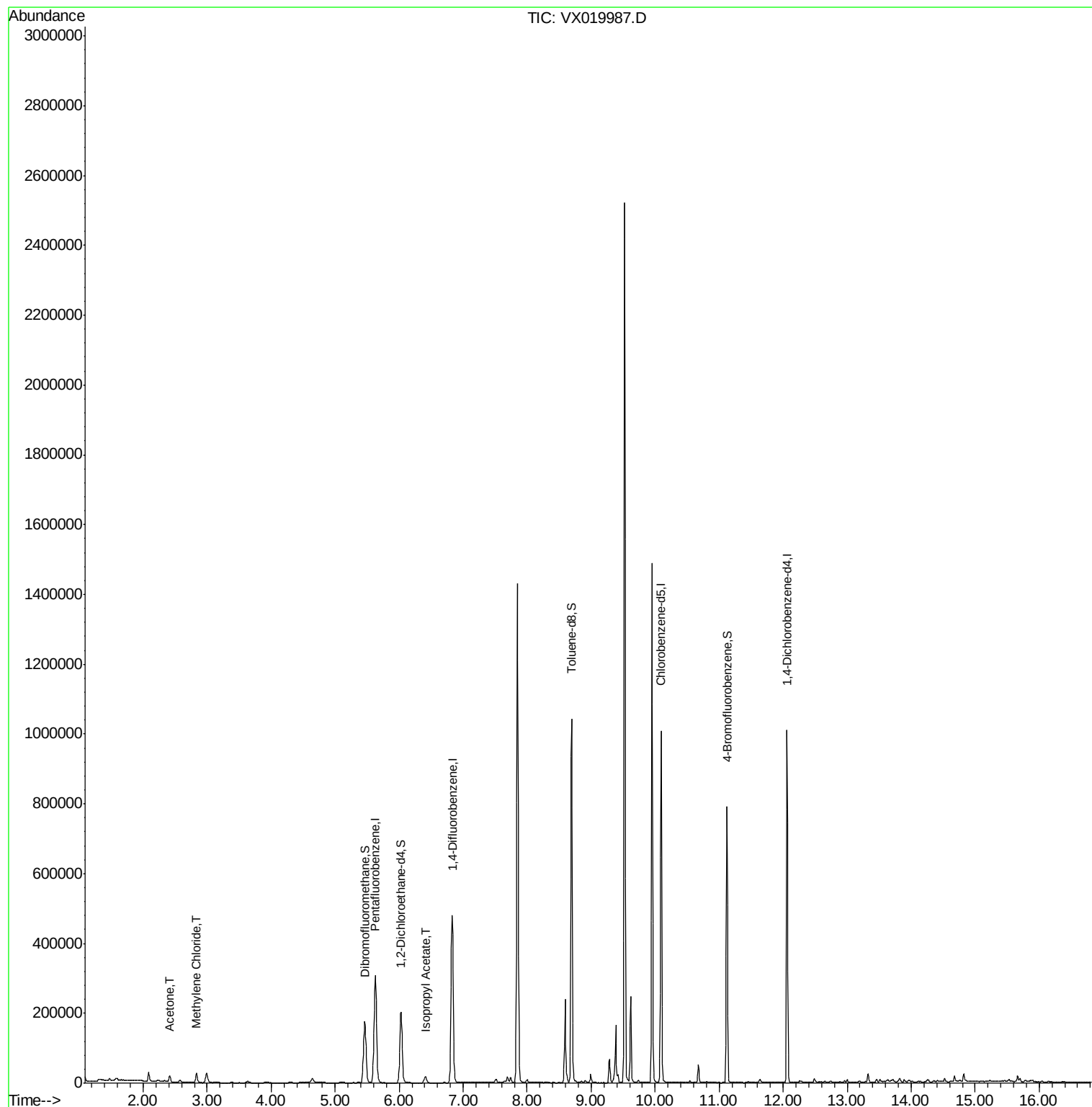
					Qvalue
16) Acetone	2.42	43	18265	12.485	ug/l 98
20) Methylene Chloride	2.84	84	12809	2.484	ug/l 95
43) Isopropyl Acetate	6.41	43	24030	3.271	ug/l 98

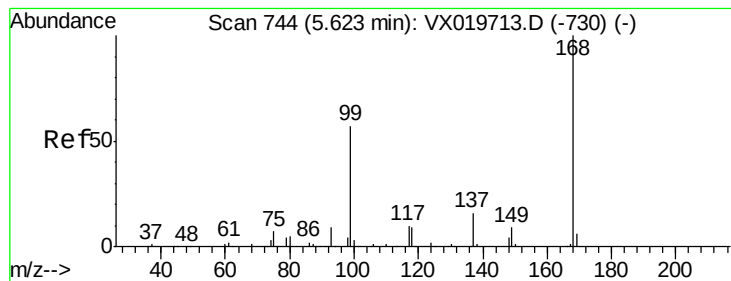
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 04 15:32:53 2020
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: VX019987.D

Acq: 14 Dec 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

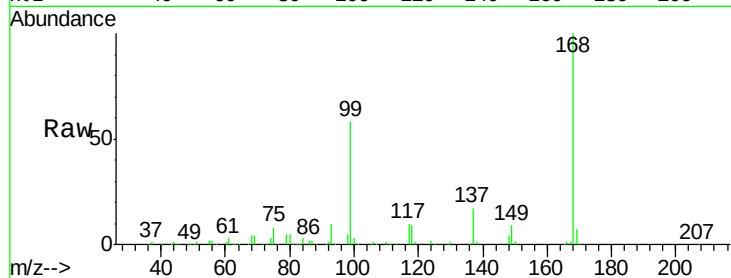
JBD-WC-S-SB-01-0-52

Tot Ion:168 Resp: 296128

Ion Ratio Lower Upper

168 100

99 57.5 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

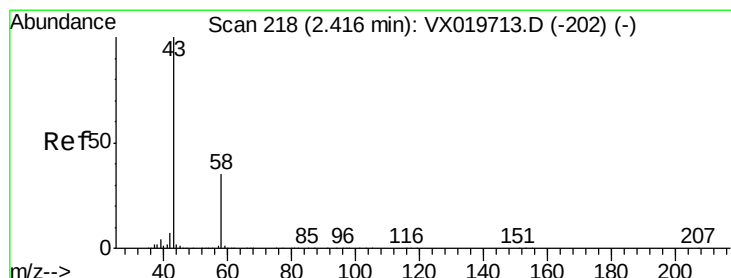
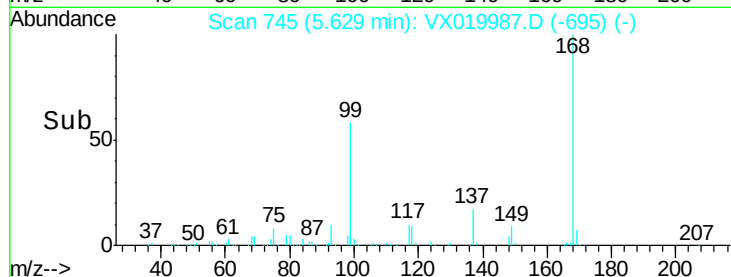
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 12.485 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019987.D

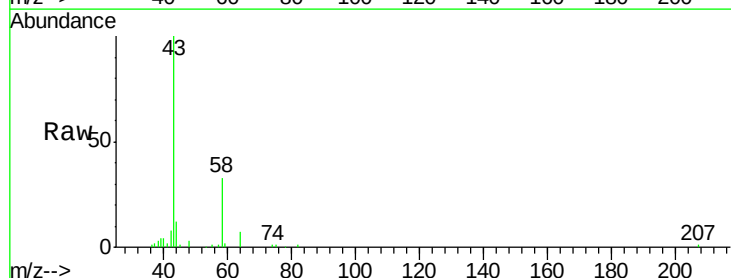
Acq: 14 Dec 2020 15:28

Tgt Ion: 43 Resp: 18265

Ion Ratio Lower Upper

43 100

58 33.6 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

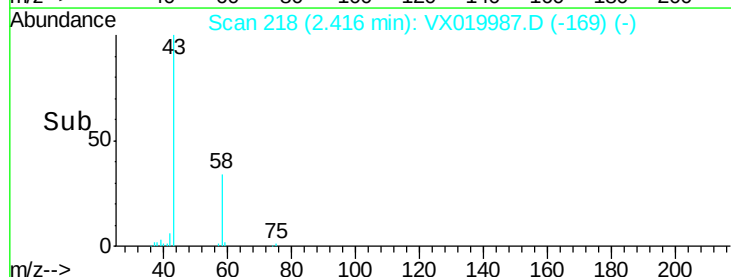
6000

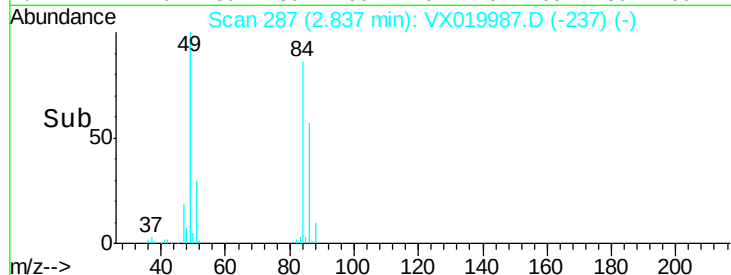
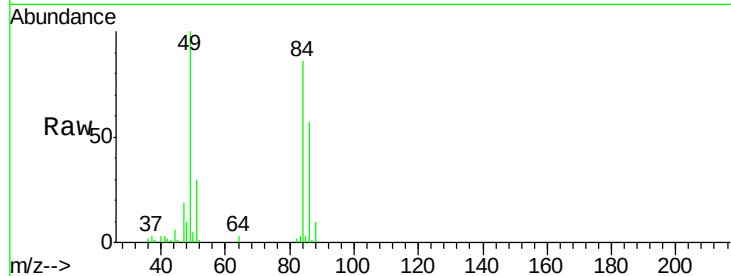
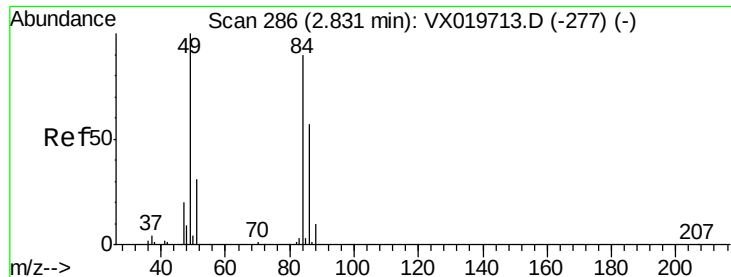
4000

2000

0

Time-->

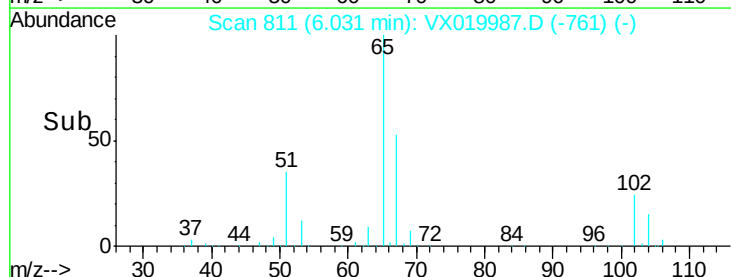
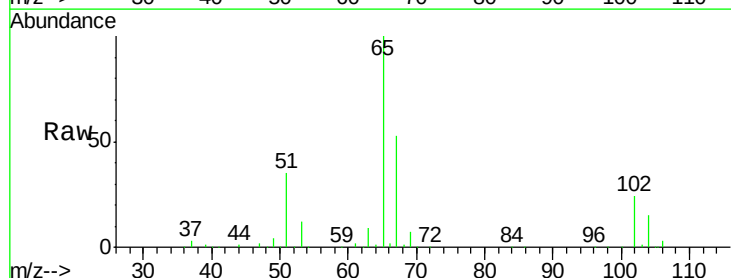
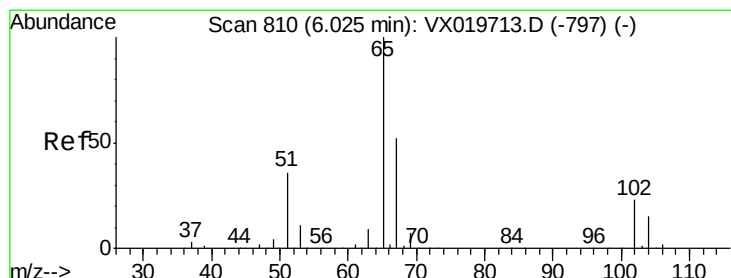
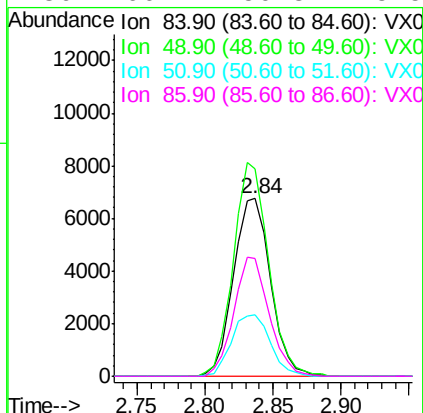




#20
Methvlene Chloride
Concen: 2.484 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019987.D
Acq: 14 Dec 2020 15:28

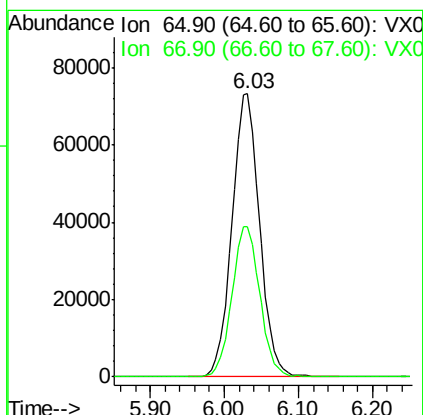
Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

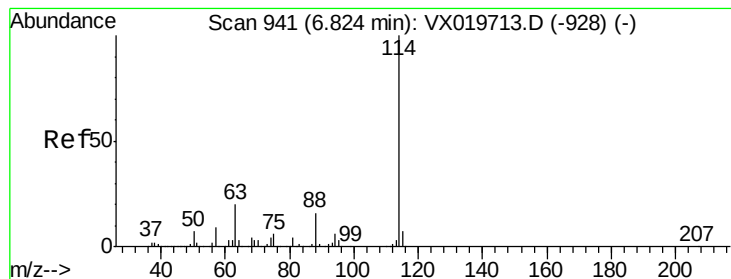
Tot Ion:	84	Resp:	12809
Ion	Ratio	Lower	Upper
84	100		
49	116.6	88.6	132.8
51	35.0	27.0	40.6
86	66.4	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 48.906 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019987.D
Acq: 14 Dec 2020 15:28

Tgt Ion:	65	Resp:	190342
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: VX019987.D

Acq: 14 Dec 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-01-0-52

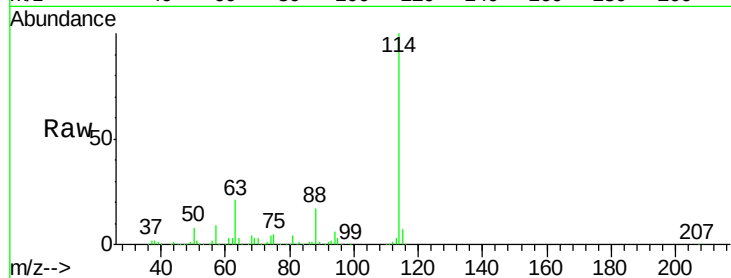
Tot Ion:114 Resp: 495223

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

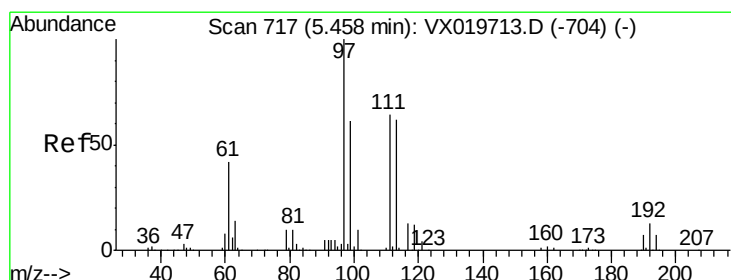
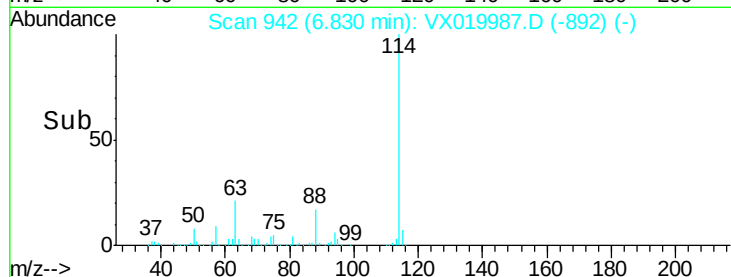
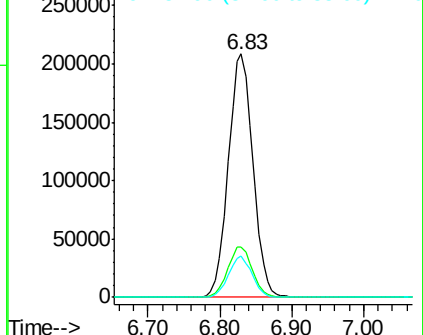
88 16.9 0.0 32.8



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: 48.322 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019987.D

Acq: 14 Dec 2020 15:28

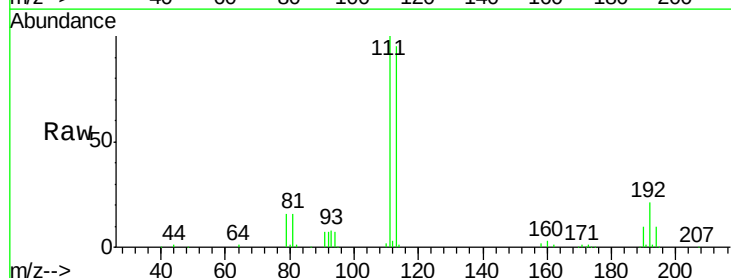
Tgt Ion:113 Resp: 154657

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

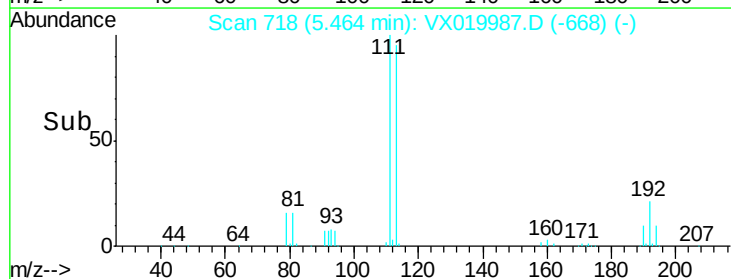
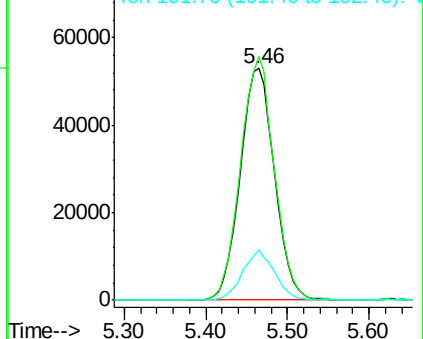
192 20.1 16.7 25.1

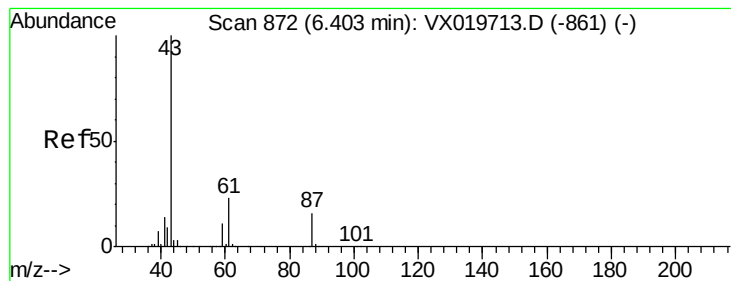


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.271 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019987.D

Acq: 14 Dec 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-01-0-52

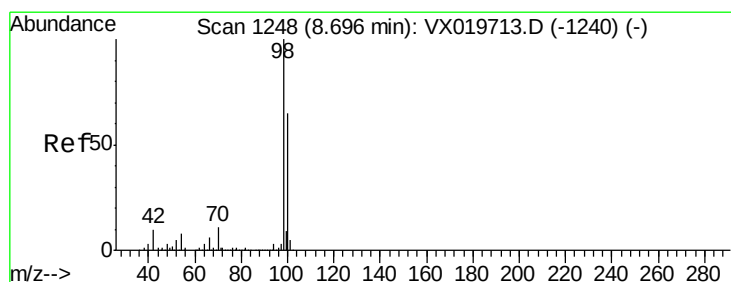
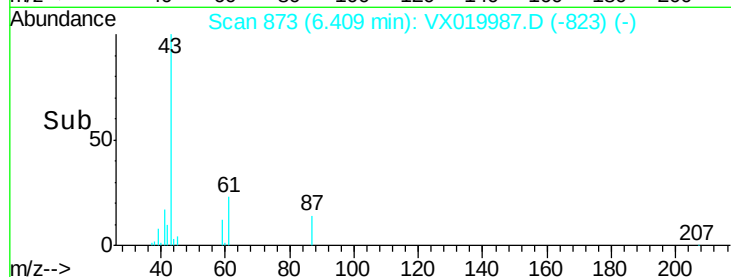
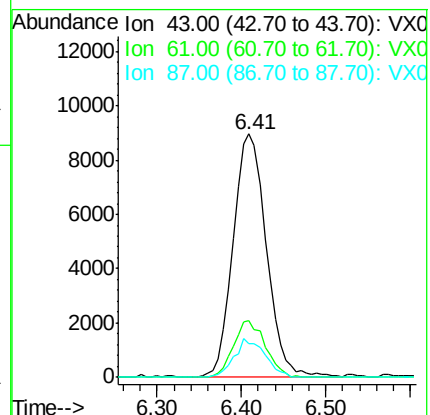
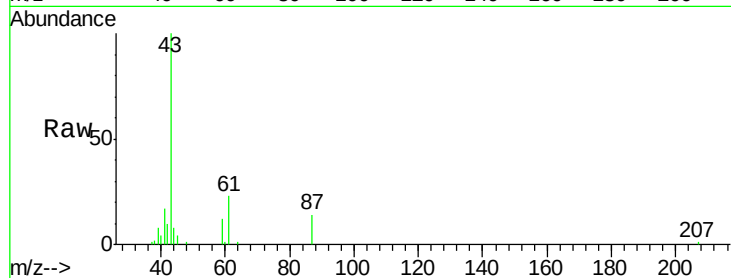
Tot Ion: 43 Resp: 24030

Ion Ratio Lower Upper

43 100

61 22.3 18.2 27.4

87 14.6 12.5 18.7



#50

Toluene-d8

Concen: 50.275 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019987.D

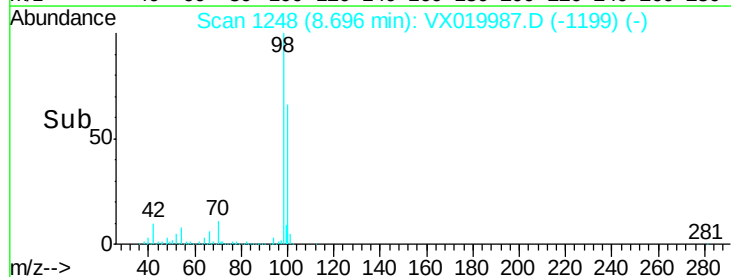
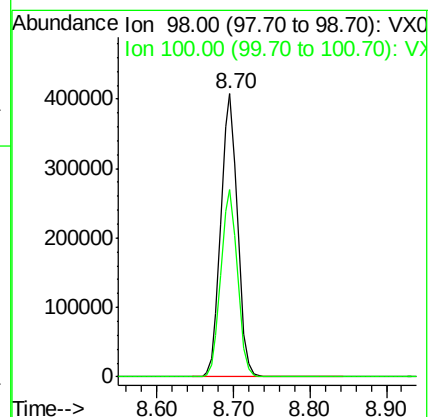
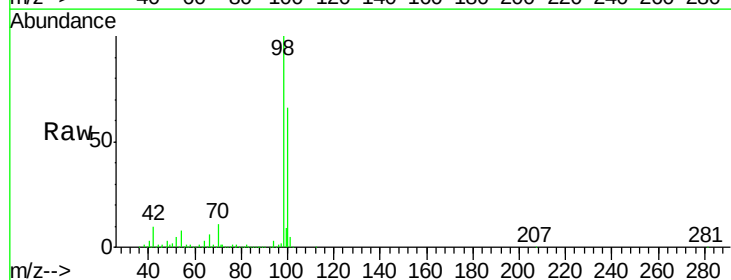
Acq: 14 Dec 2020 15:28

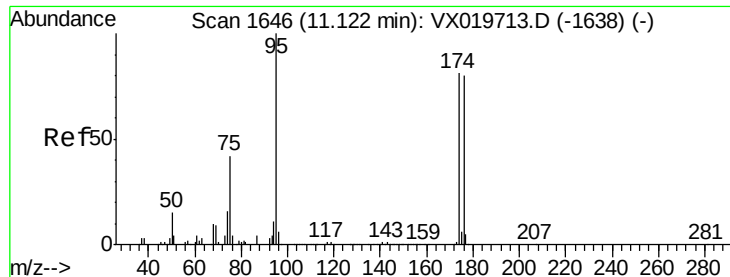
Tgt Ion: 98 Resp: 614301

Ion Ratio Lower Upper

98 100

100 66.2 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 47.310 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019987.D

Acq: 14 Dec 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-01-0-52

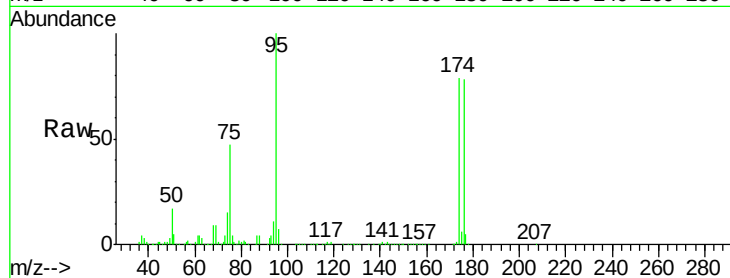
Tot Ion: 95 Resp: 220024

Ion Ratio Lower Upper

95 100

174 74.5 0.0 154.6

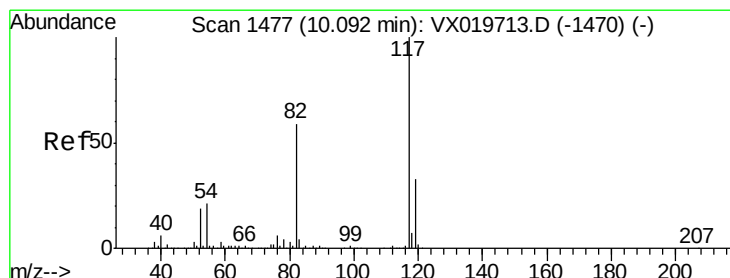
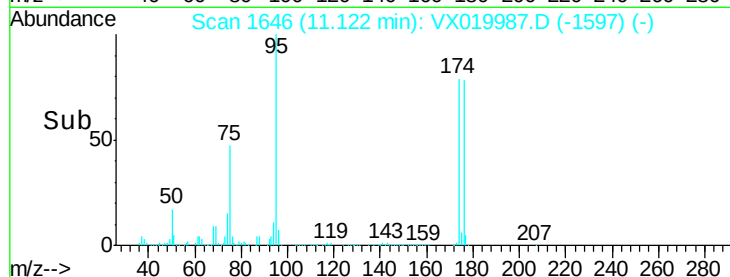
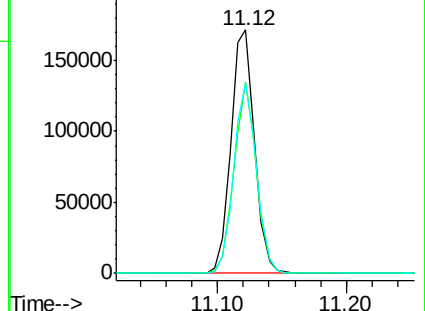
176 75.5 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019987.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019987.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019987.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019987.D

Acq: 14 Dec 2020 15:28

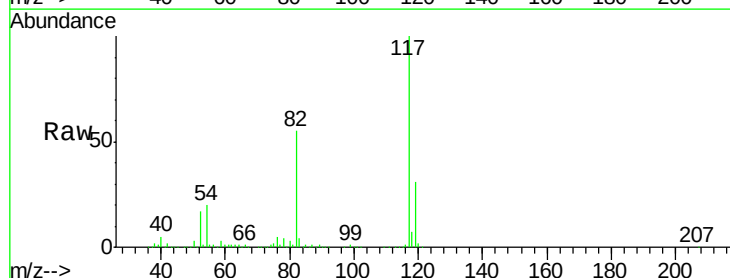
Tgt Ion: 117 Resp: 471185

Ion Ratio Lower Upper

117 100

82 55.2 47.4 71.2

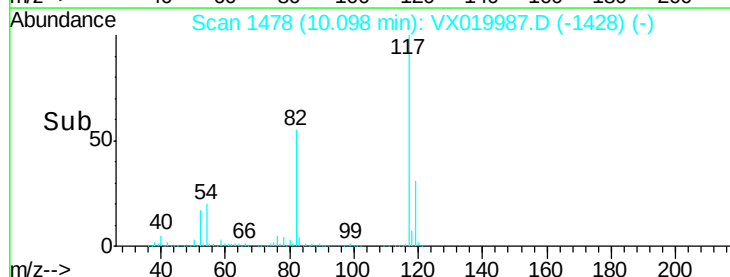
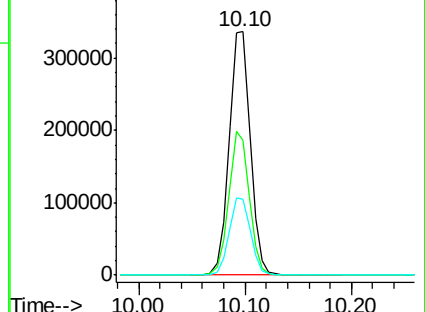
119 31.3 26.6 39.8

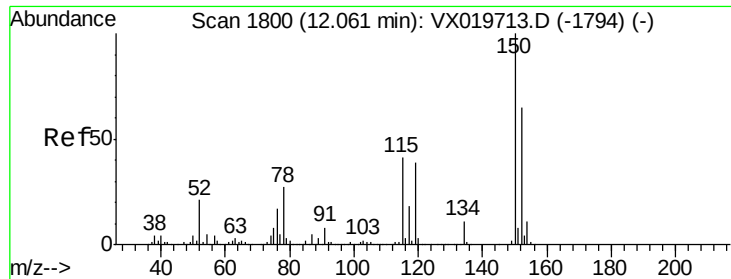


Abundance Ion 116.90 (116.60 to 117.60): VX019987.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019987.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019987.D (-1428) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019987.D

Acq: 14 Dec 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-01-0-52

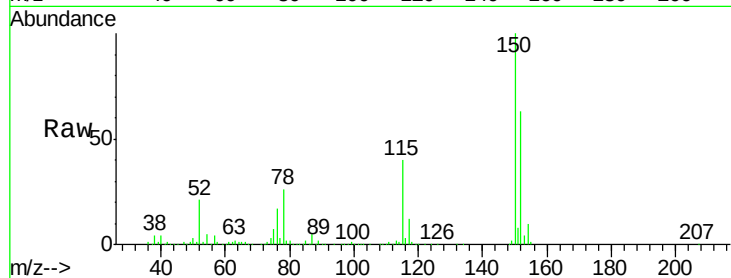
Tot Ion:152 Resp: 205827

Ion Ratio Lower Upper

152 100

115 61.4 41.1 123.3

150 157.4 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

