

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019988.D
 Acq On : 14 Dec 2020 15:52
 Operator : JC/MD
 Sample : L5065-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JBD-WC-S-SB-0203-0-15

Quant Time: Dec 15 01:13:35 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	311316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	516224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	199271	48.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.40%		
35) Dibromofluoromethane	5.46	113	162537	48.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.44%		
50) Toluene-d8	8.70	98	644657	50.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.22%		
62) 4-Bromofluorobenzene	11.12	95	227675	46.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.92%		

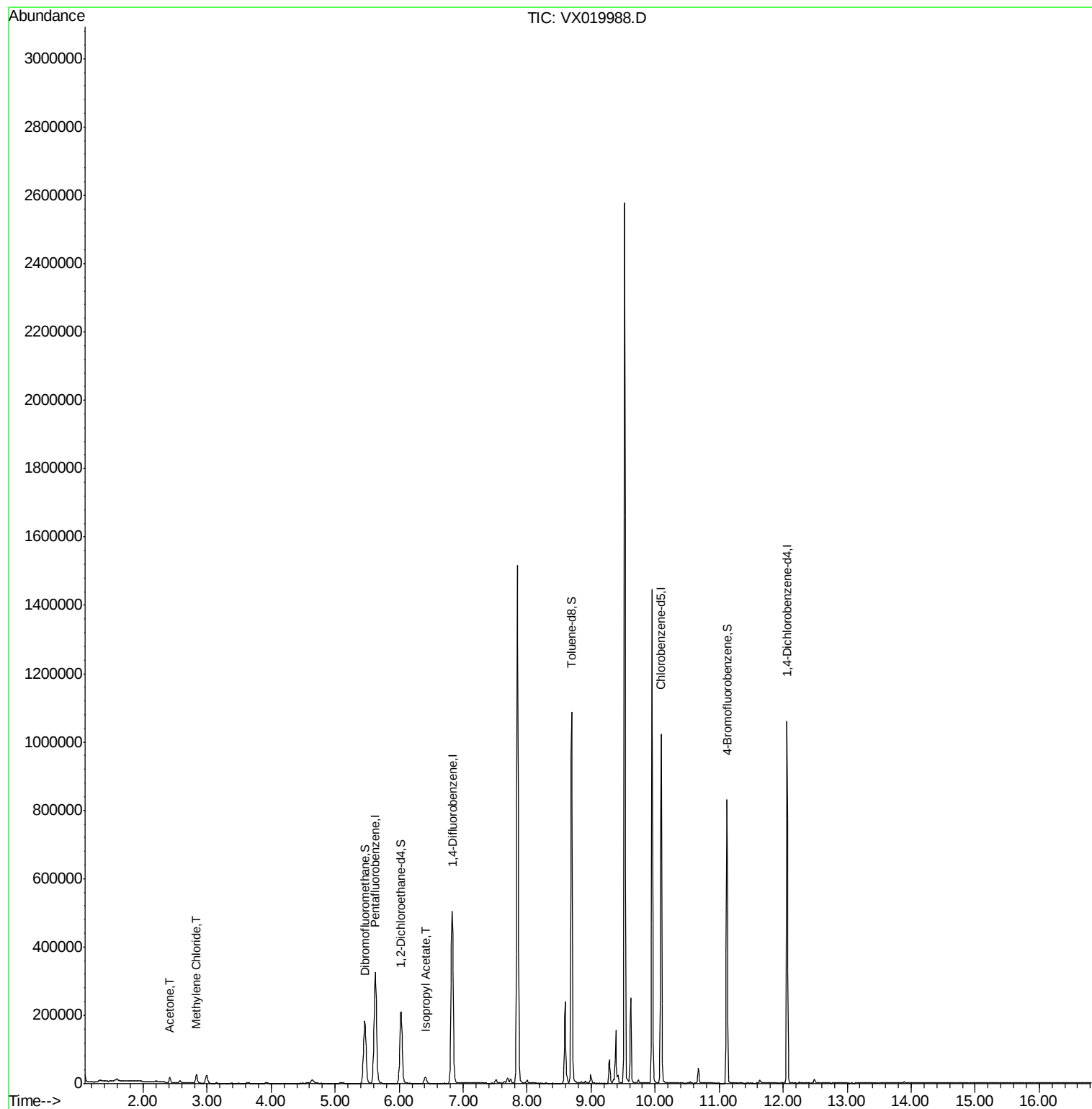
Target Compounds					Qvalue
16) Acetone	2.42	43	15471	10.060 ug/l	100
20) Methylene Chloride	2.83	84	12861	2.306 ug/l	98
43) Isopropyl Acetate	6.41	43	24487	3.198 ug/l	99

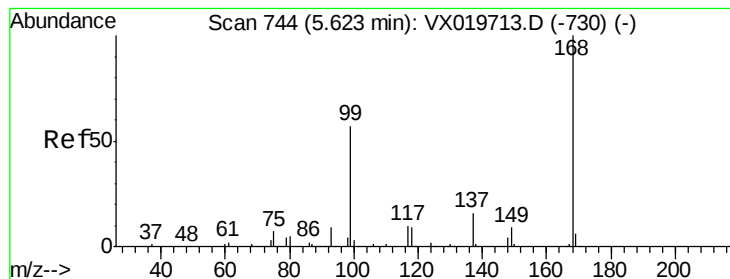
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019988.D

Acq: 14 Dec 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

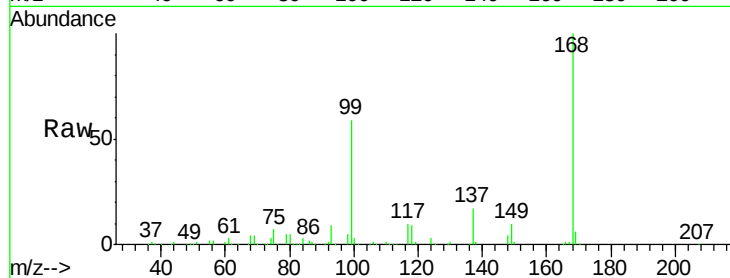
JBD-WC-S-SB-0203-0-15

Tot Ion:168 Resp: 311316

Ion Ratio Lower Upper

168 100

99 58.5 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

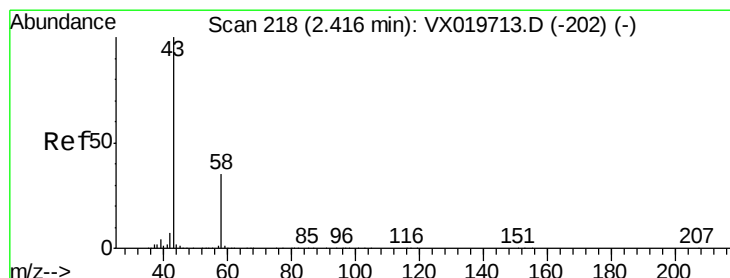
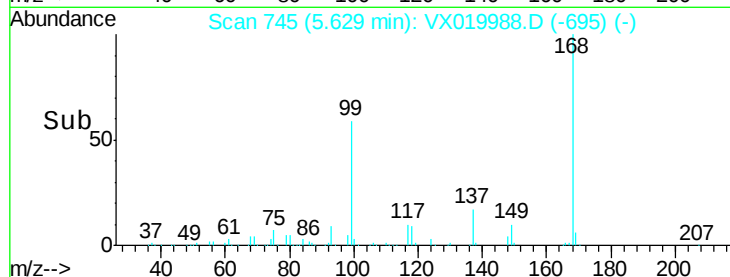
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.060 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019988.D

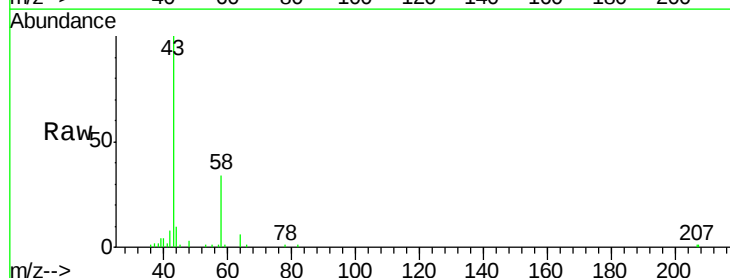
Acq: 14 Dec 2020 15:52

Tgt Ion: 43 Resp: 15471

Ion Ratio Lower Upper

43 100

58 34.8 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

10000

8000

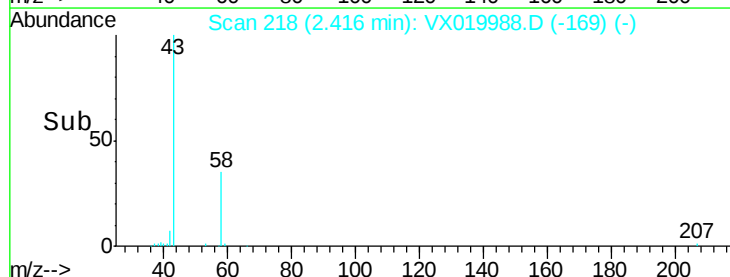
6000

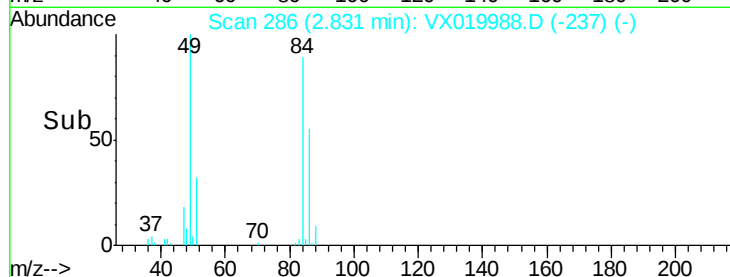
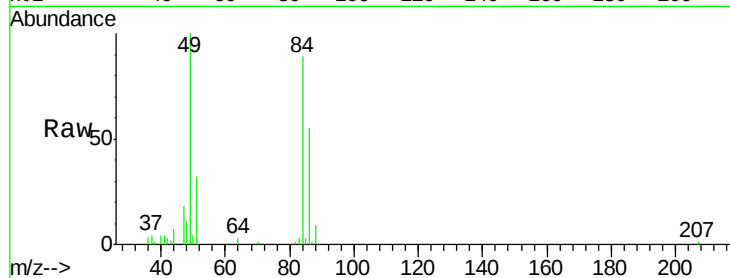
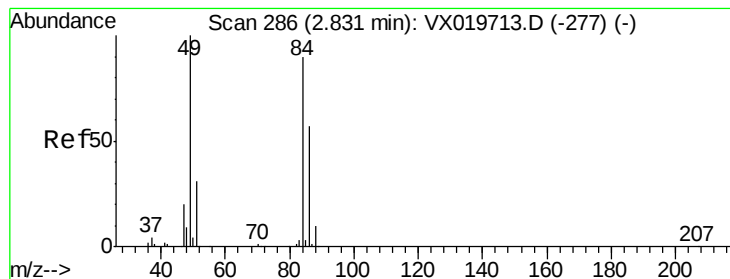
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.306 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019988.D

Acq: 14 Dec 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-0203-0-15

Tot Ion: 84 Resp: 12861

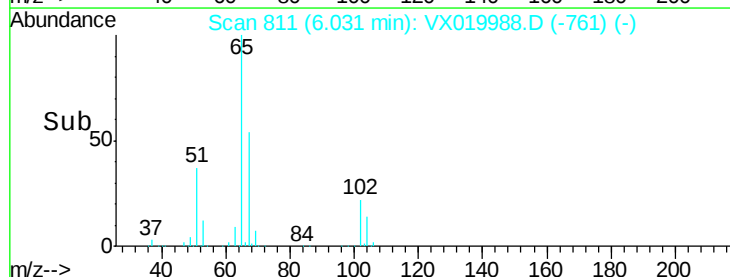
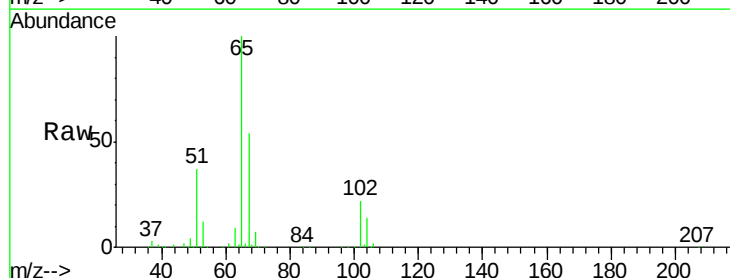
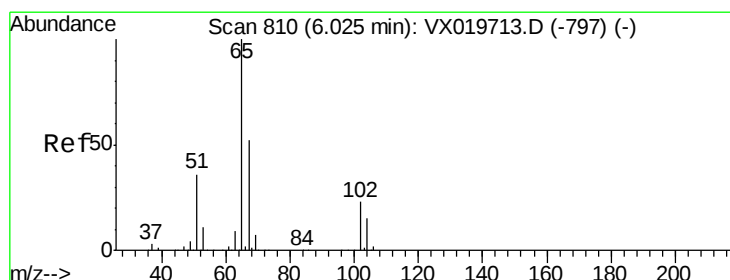
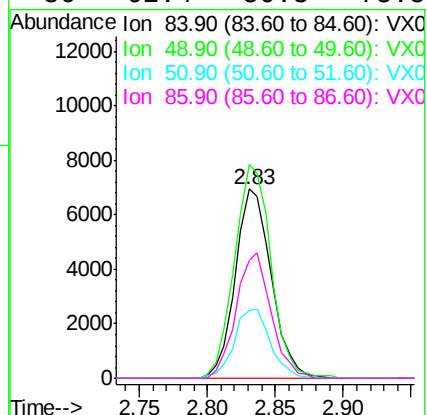
Ion	Ratio	Lower	Upper
84	100		
49	112.8	88.6	132.8
51	35.9	27.0	40.6
86	62.4	50.3	75.5

84 100

49 112.8 88.6 132.8

51 35.9 27.0 40.6

86 62.4 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 48.702 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019988.D

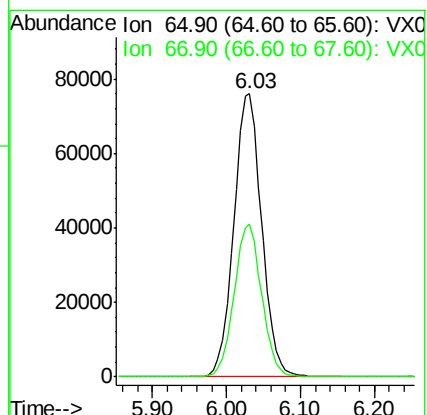
Acq: 14 Dec 2020 15:52

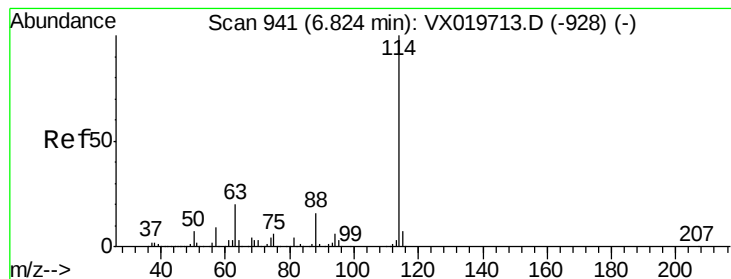
Tgt Ion: 65 Resp: 199271

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.4

65 100

67 53.5 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: VX019988.D

Acq: 14 Dec 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-0203-0-15

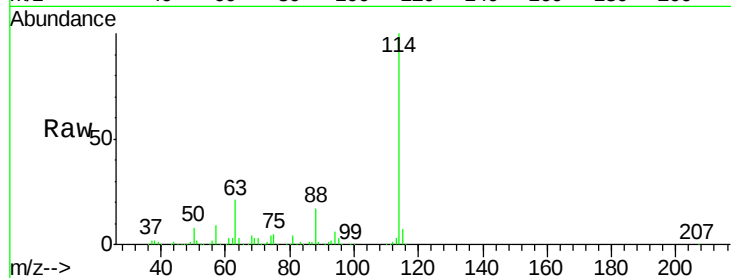
Tot Ion:114 Resp: 516224

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

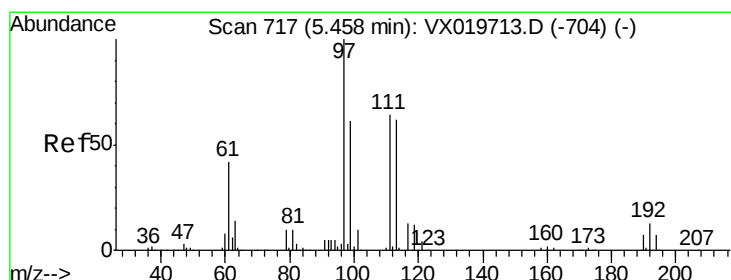
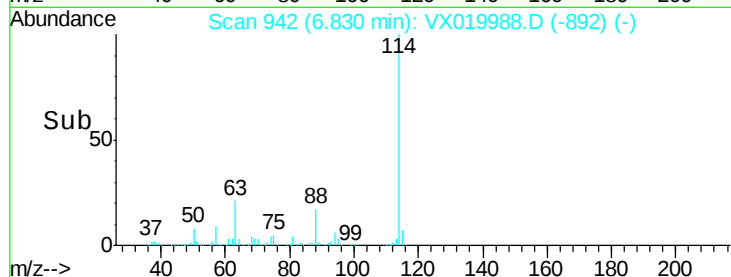
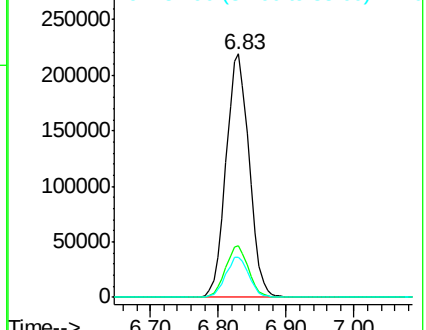
88 16.7 0.0 32.8



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: 48.718 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019988.D

Acq: 14 Dec 2020 15:52

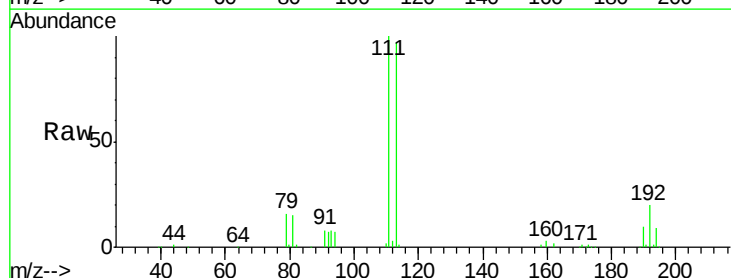
Tgt Ion:113 Resp: 162537

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

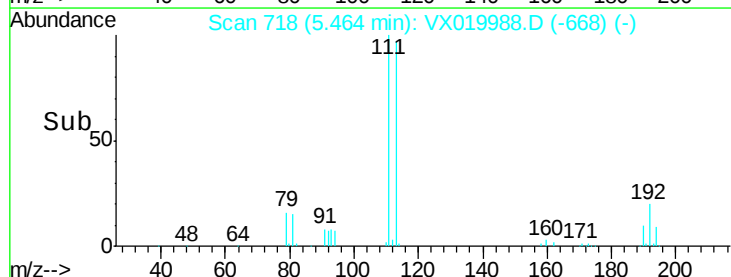
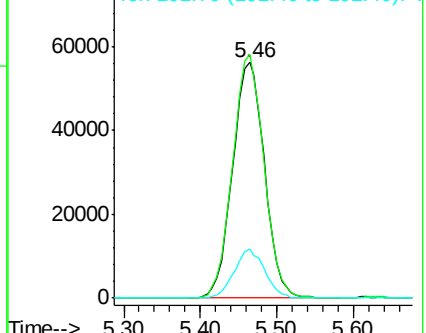
192 20.0 16.7 25.1

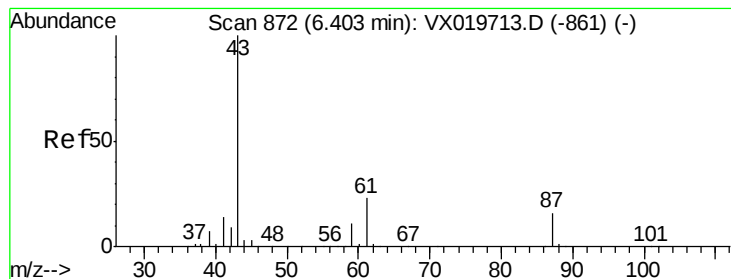


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.198 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019988.D

Acq: 14 Dec 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-0203-0-15

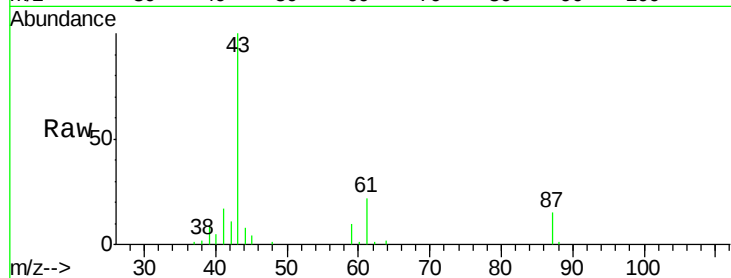
Tot Ion: 43 Resp: 24487

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.4

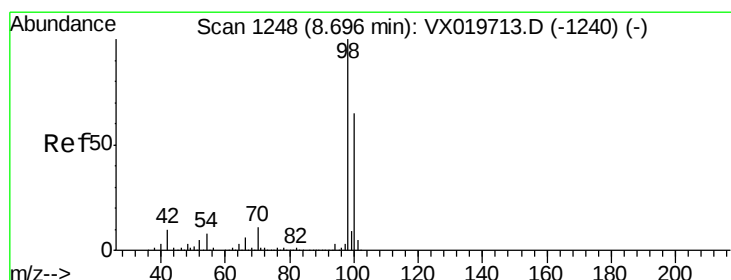
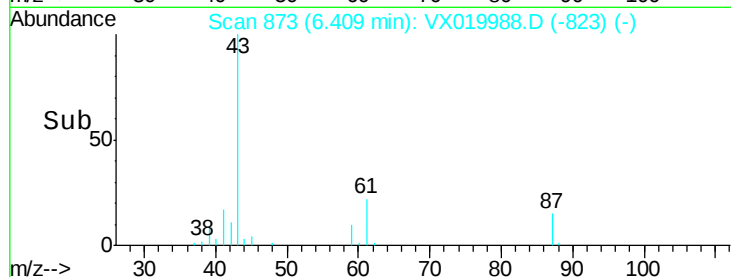
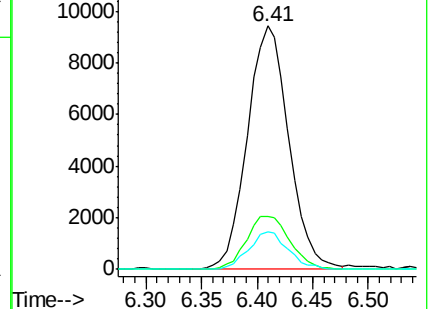
87 14.5 12.5 18.7



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: 50.613 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019988.D

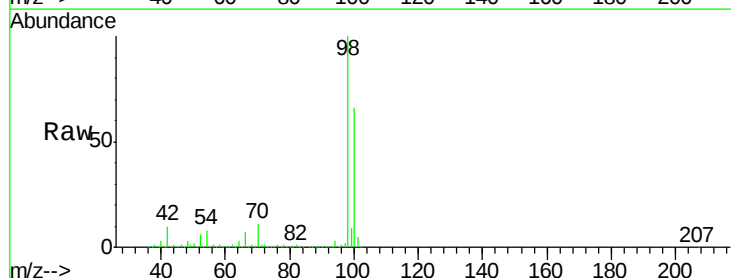
Acq: 14 Dec 2020 15:52

Tgt Ion: 98 Resp: 644657

Ion Ratio Lower Upper

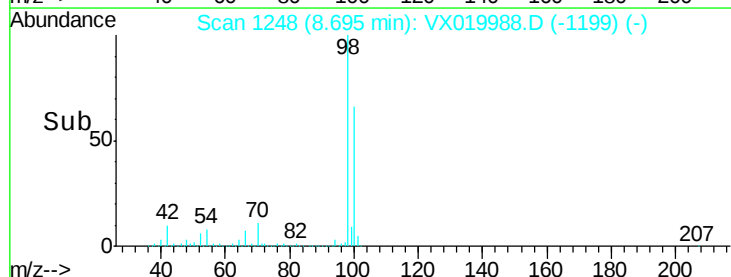
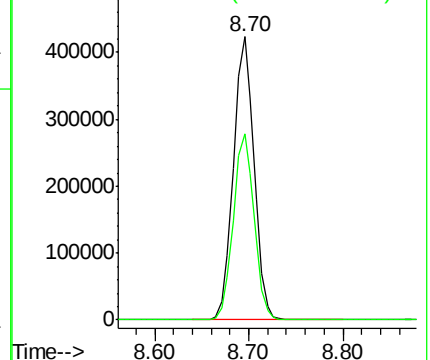
98 100

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: 46.964 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019988.D

Acq: 14 Dec 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-0203-0-15

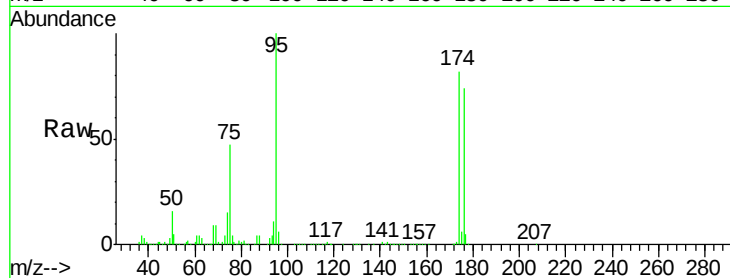
Tot Ion: 95 Resp: 227675

Ion Ratio Lower Upper

95 100

174 78.4 0.0 154.6

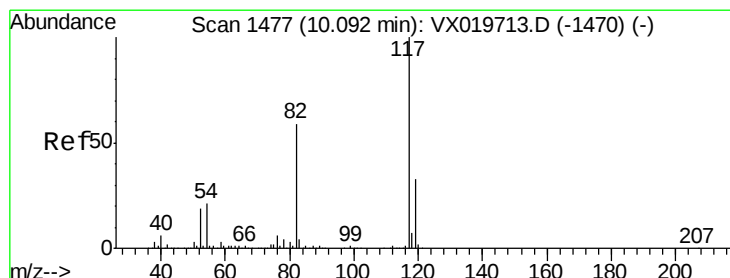
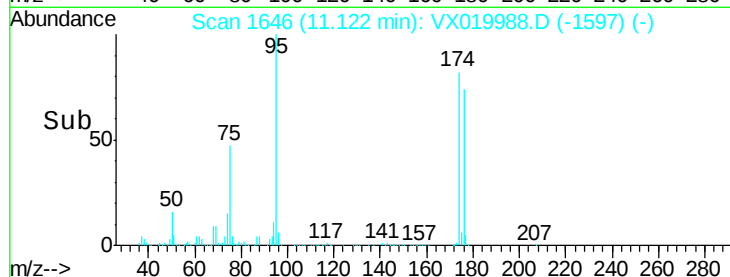
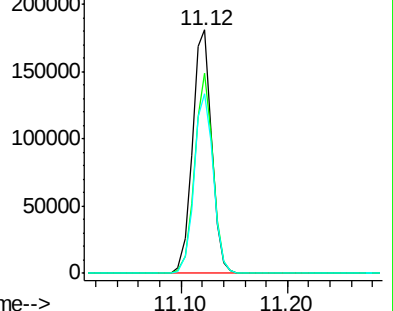
176 73.9 0.0 155.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019988.D

Acq: 14 Dec 2020 15:52

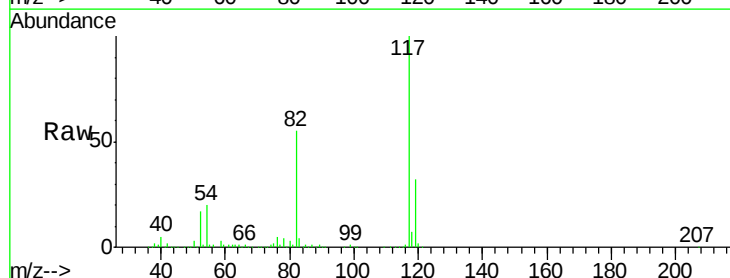
Tgt Ion: 117 Resp: 486070

Ion Ratio Lower Upper

117 100

82 55.4 47.4 71.2

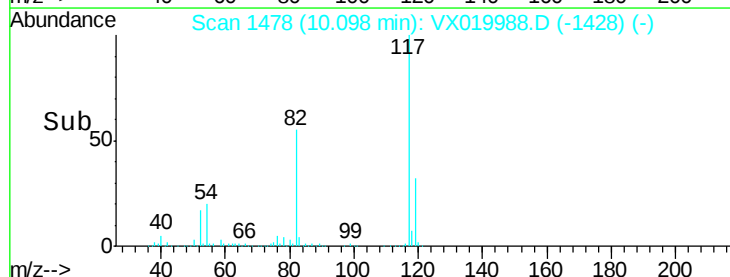
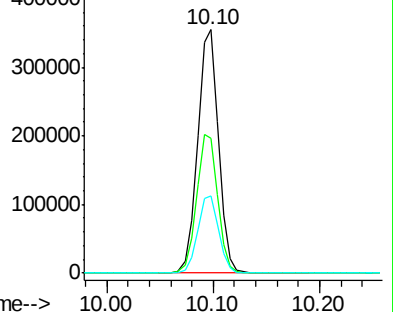
119 31.9 26.6 39.8

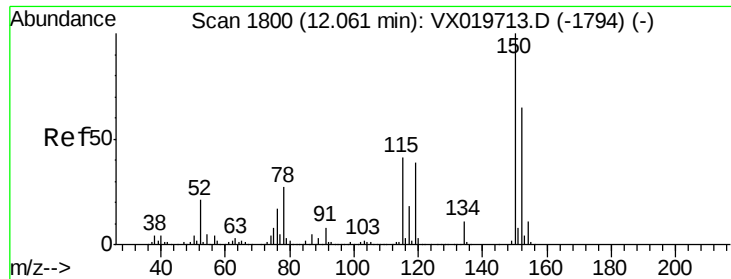


Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019988.D

Acq: 14 Dec 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-0203-0-15

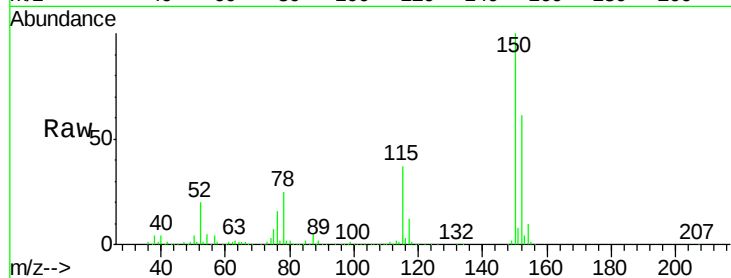
Tot Ion:152 Resp: 210554

Ion Ratio Lower Upper

152 100

115 60.5 41.1 123.3

150 160.5 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

