

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019994.D
 Acq On : 14 Dec 2020 18:11
 Operator : JC/MD
 Sample : L5065-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JBD-WC-S-SB-02-0-15

Quant Time: Dec 15 01:59:10 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	5.62	168	317632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	526733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	493641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	202676	48.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.10%		
35) Dibromofluoromethane	5.46	113	163820	48.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.24%		
50) Toluene-d8	8.70	98	657325	50.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.16%		
62) 4-Bromofluorobenzene	11.12	95	231472	46.79	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.58%		

Target Compounds

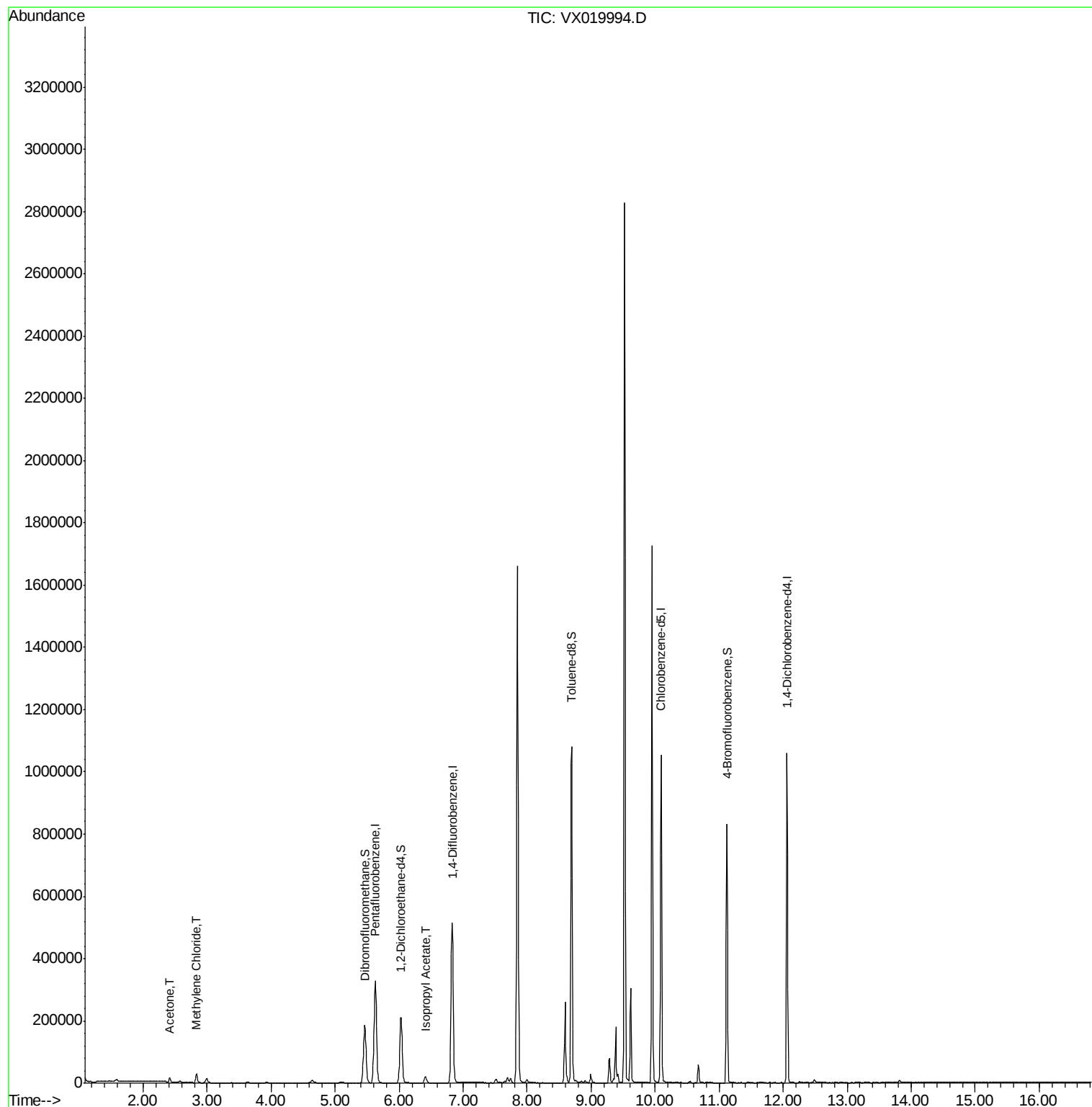
					Qvalue
16) Acetone	2.42	43	15152	9.656 ug/l	92
20) Methylene Chloride	2.83	84	13653	2.459 ug/l	97
43) Isopropyl Acetate	6.41	43	26566	3.400 ug/l	98

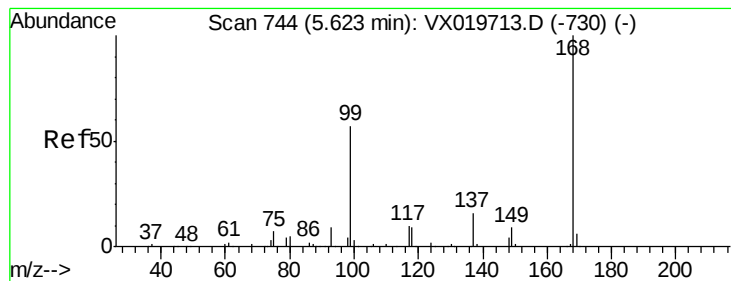
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019994.D

Acq: 14 Dec 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

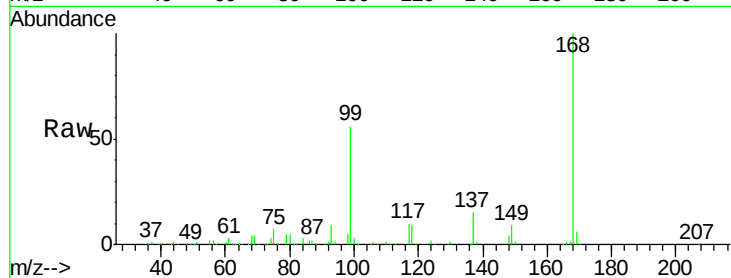
JBD-WC-S-SB-02-0-15

Tot Ion:168 Resp: 317632

Ion Ratio Lower Upper

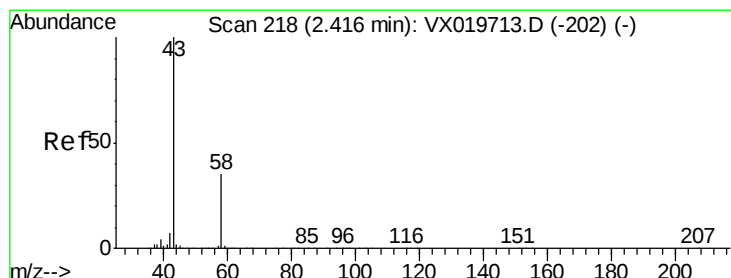
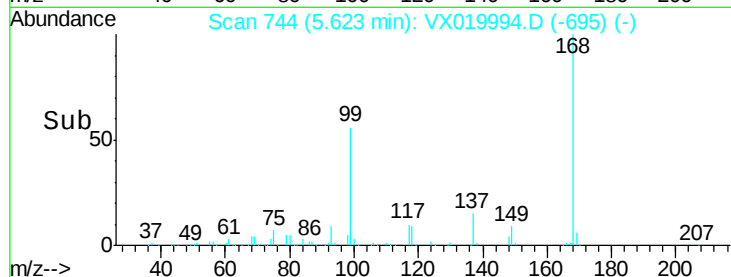
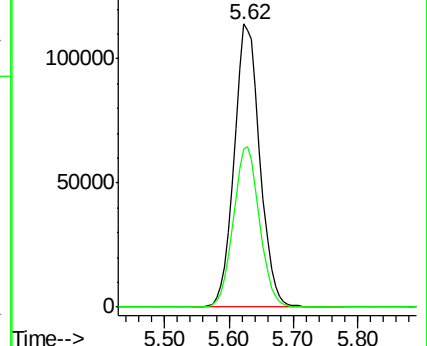
168 100

99 55.9 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: 9.656 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019994.D

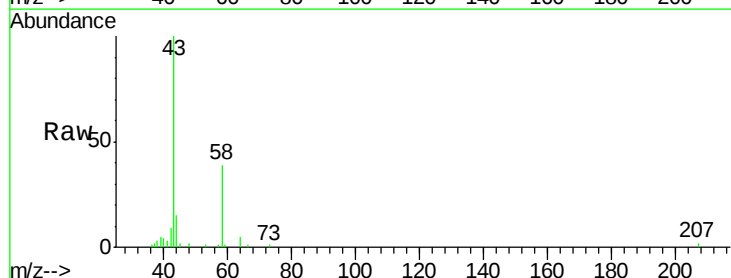
Acq: 14 Dec 2020 18:11

Tgt Ion: 43 Resp: 15152

Ion Ratio Lower Upper

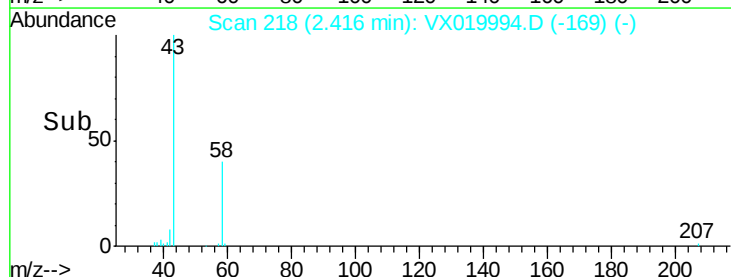
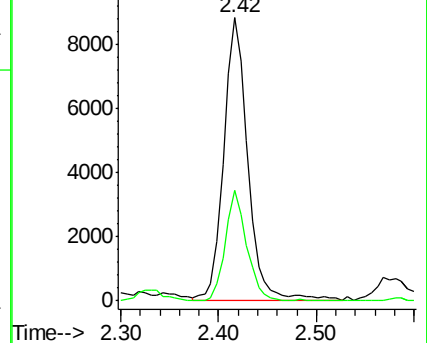
43 100

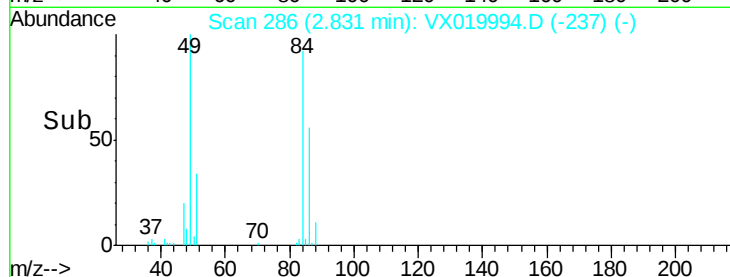
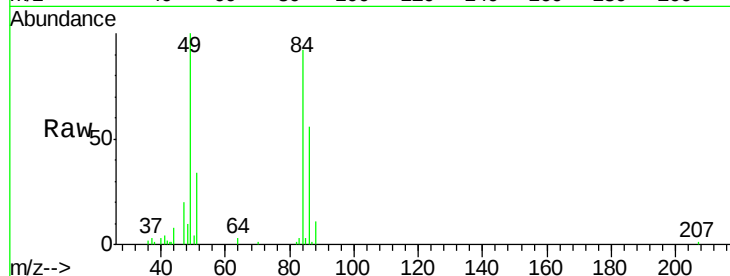
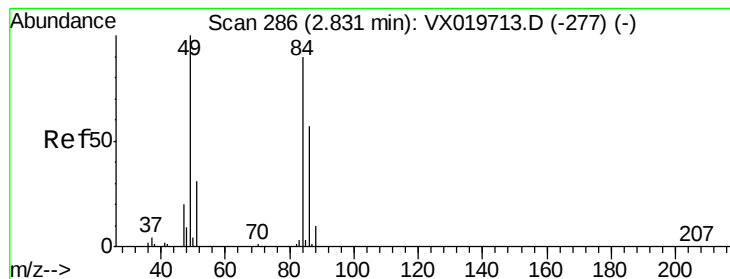
58 39.1 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 2.459 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019994.D

Acq: 14 Dec 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-02-0-15

Tot Ion: 84 Resp: 13653

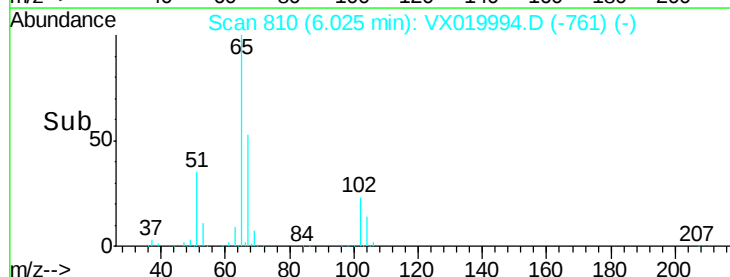
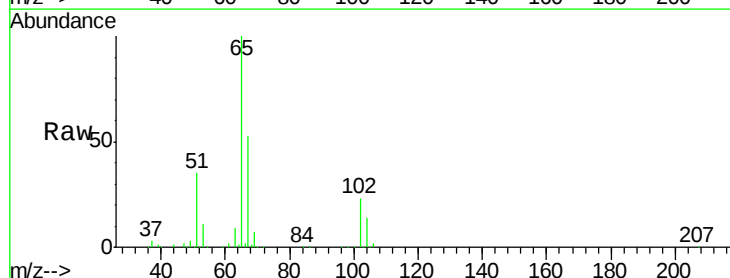
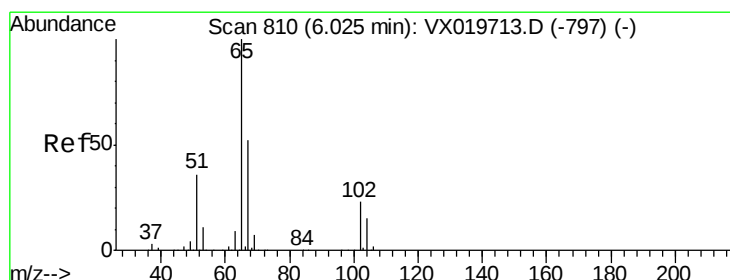
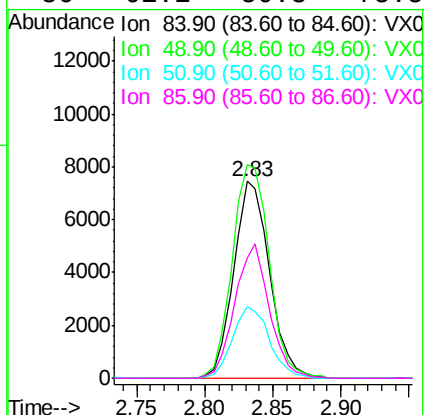
Ion Ratio Lower Upper

84 100

49 108.4 88.6 132.8

51 36.4 27.0 40.6

86 61.1 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 48.550 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019994.D

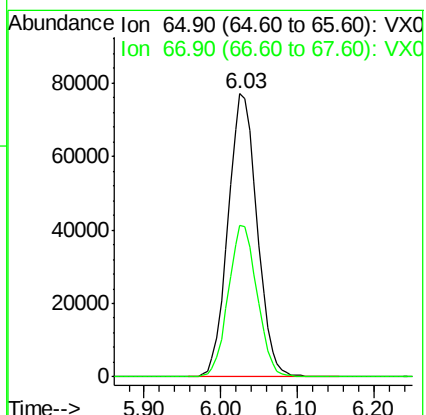
Acq: 14 Dec 2020 18:11

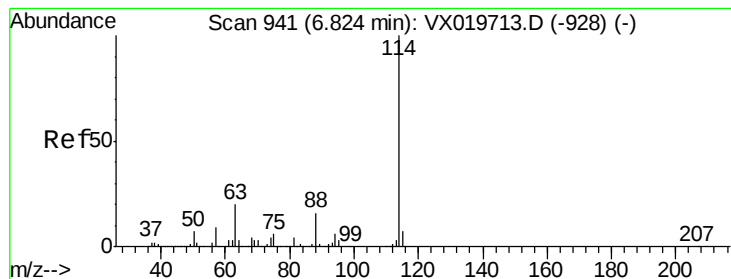
Tgt Ion: 65 Resp: 202676

Ion Ratio Lower Upper

65 100

67 53.1 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: VX019994.D

Acq: 14 Dec 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-02-0-15

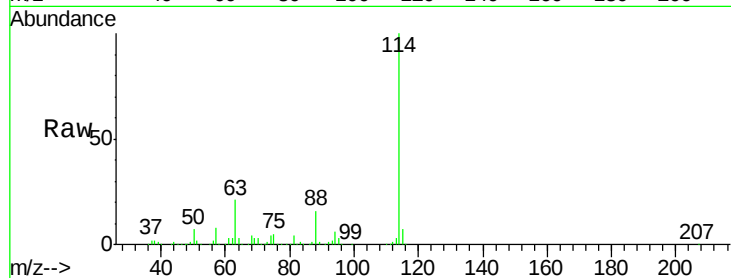
Tot Ion:114 Resp: 526733

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

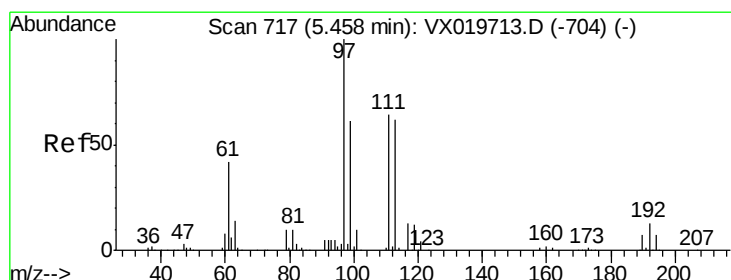
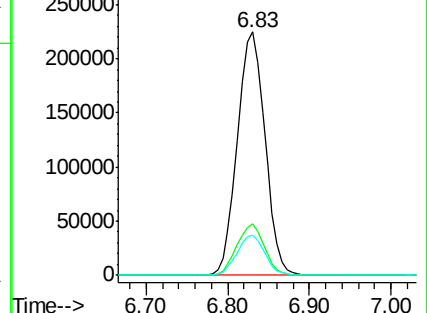
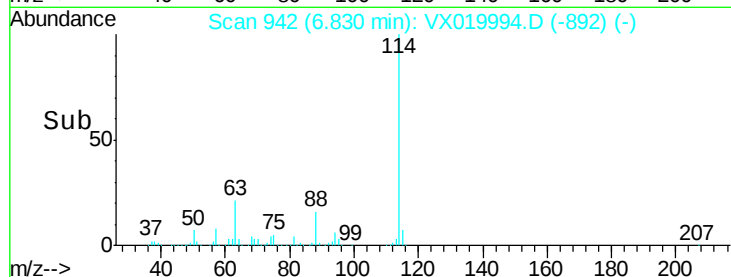
88 16.5 0.0 32.8



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: 48.123 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019994.D

Acq: 14 Dec 2020 18:11

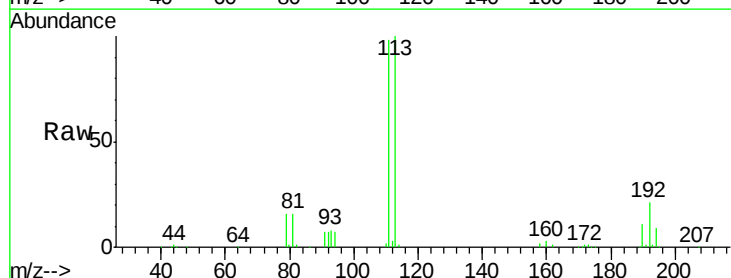
Tgt Ion:113 Resp: 163820

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

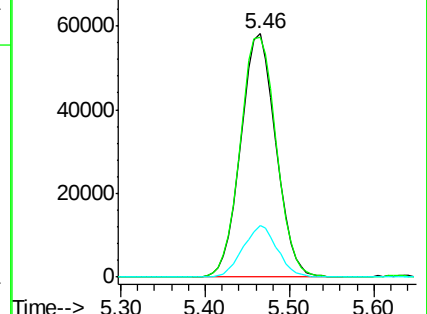
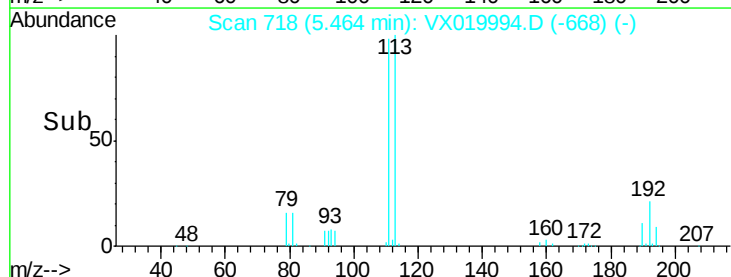
192 20.7 16.7 25.1

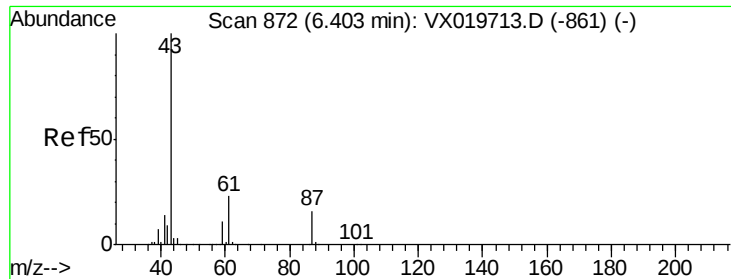


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.400 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019994.D

Acq: 14 Dec 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-02-0-15

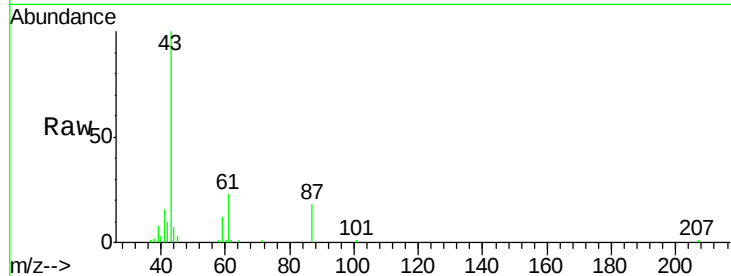
Tot Ion: 43 Resp: 26566

Ion Ratio Lower Upper

43 100

61 21.6 18.2 27.4

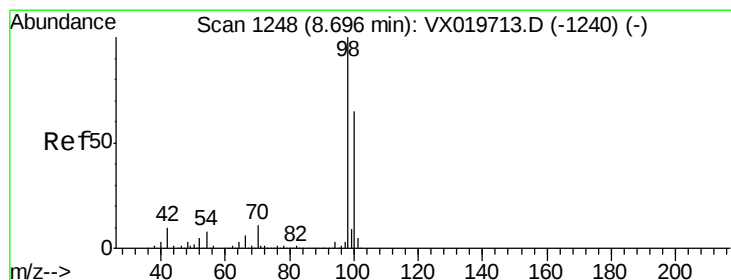
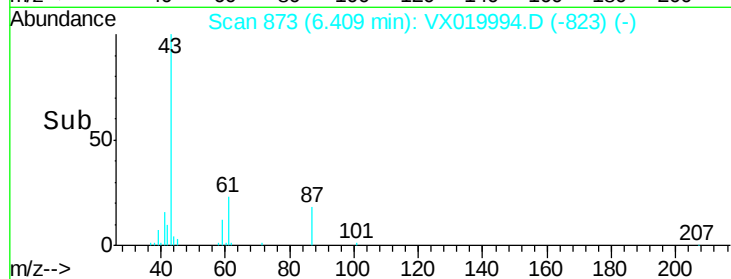
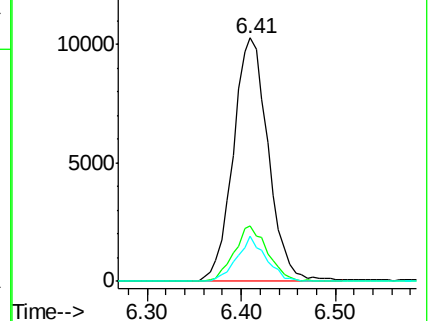
87 15.3 12.5 18.7



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: 50.578 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019994.D

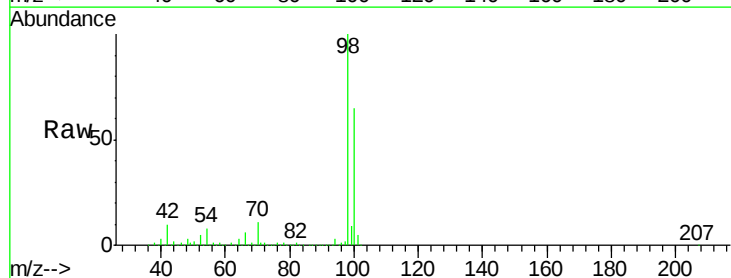
Acq: 14 Dec 2020 18:11

Tgt Ion: 98 Resp: 657325

Ion Ratio Lower Upper

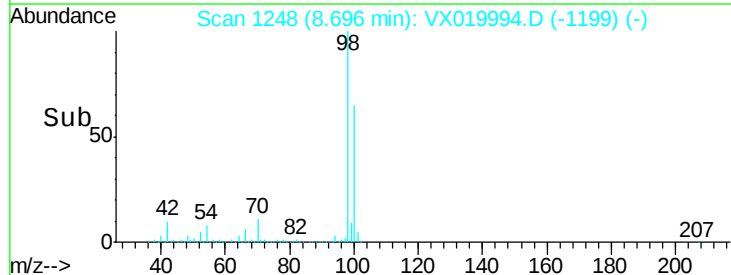
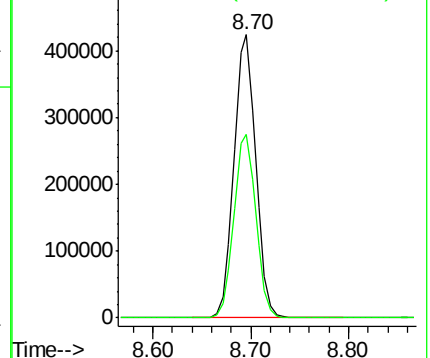
98 100

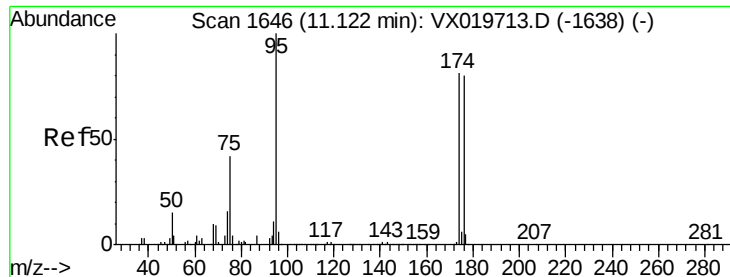
100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.794 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019994.D

Acq: 14 Dec 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-02-0-15

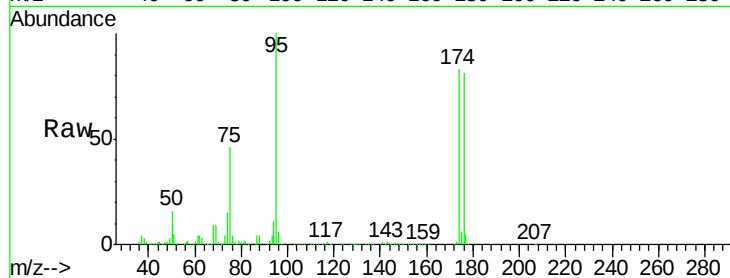
Tot Ion: 95 Resp: 231472

Ion Ratio Lower Upper

95 100

174 79.8 0.0 154.6

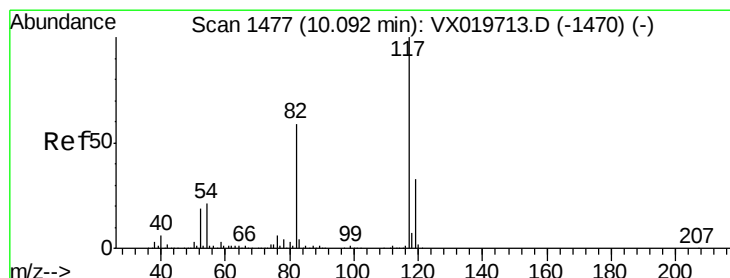
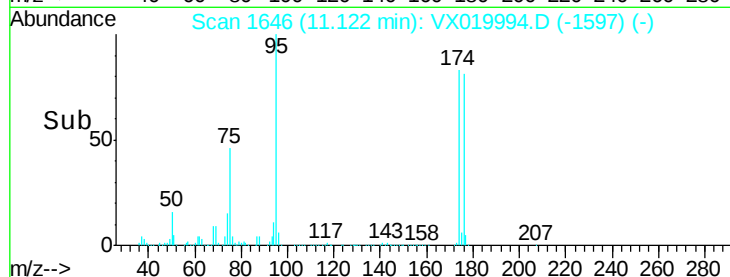
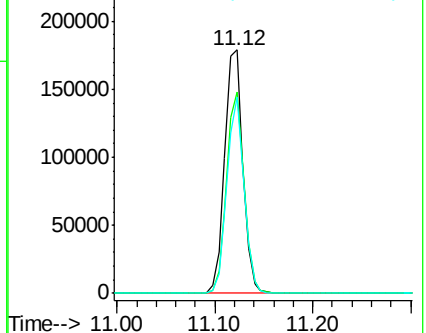
176 76.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019994.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019994.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019994.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019994.D

Acq: 14 Dec 2020 18:11

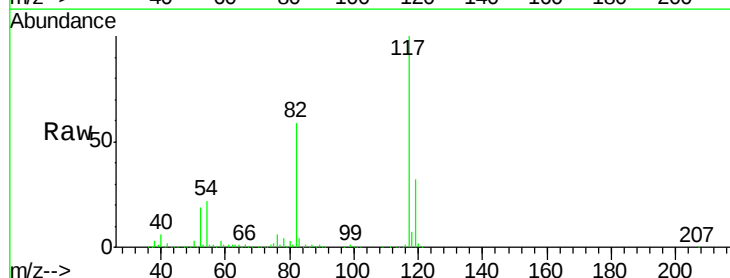
Tgt Ion: 117 Resp: 493641

Ion Ratio Lower Upper

117 100

82 58.8 47.4 71.2

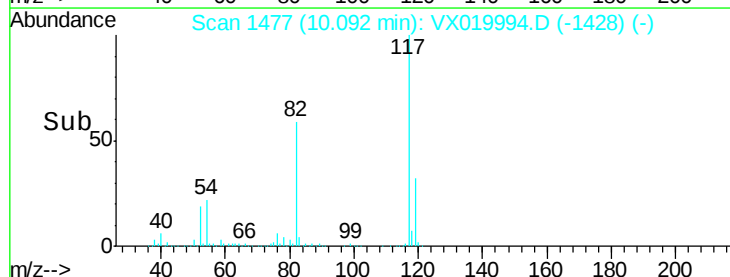
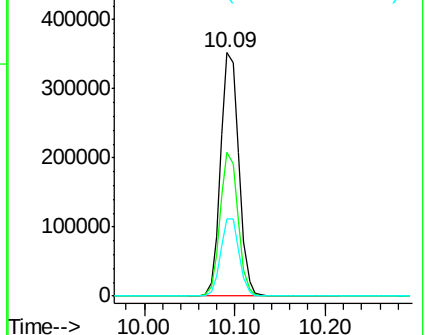
119 31.9 26.6 39.8

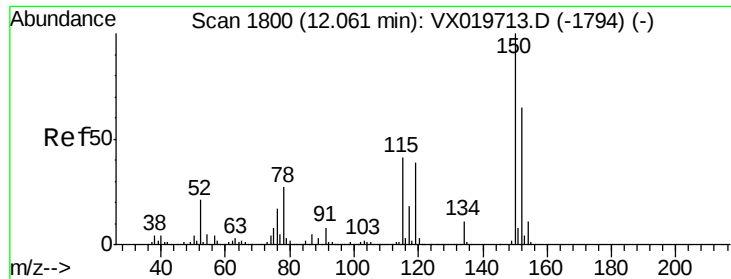


Abundance Ion 116.90 (116.60 to 117.60): VX019994.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019994.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019994.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: VX019994.D

Acq: 14 Dec 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-SB-02-0-15

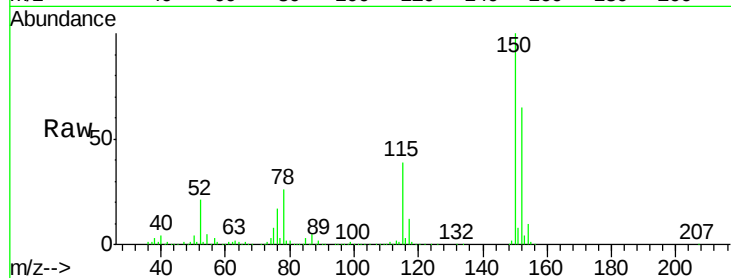
Tot Ion:152 Resp: 213444

Ion Ratio Lower Upper

152 100

115 61.3 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

