

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019996.D
 Acq On : 14 Dec 2020 18:58
 Operator : JC/MD
 Sample : L5039-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JBD-WC-SB-03

Quant Time: Dec 15 02:02:55 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	312256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	515558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	479150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	197927	48.23	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.46%		
35) Dibromofluoromethane	5.46	113	159514	47.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.74%		
50) Toluene-d8	8.70	98	635313	49.94	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.88%		
62) 4-Bromofluorobenzene	11.12	95	224263	46.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.64%		

Target Compounds

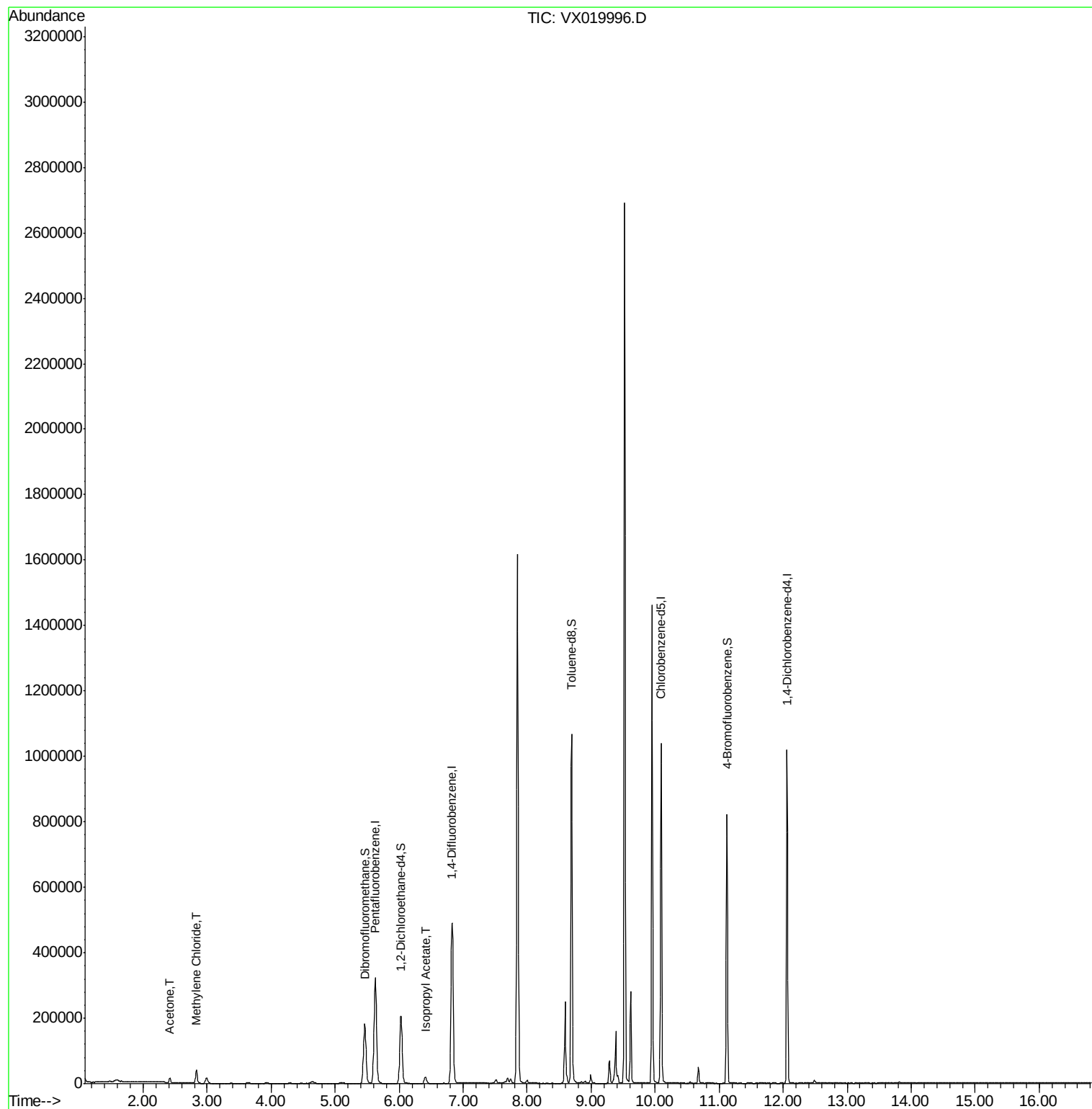
					Qvalue
16) Acetone	2.42	43	15566	10.091	ug/l 99
20) Methylene Chloride	2.83	84	19296	4.176	ug/l 98
43) Isopropyl Acetate	6.41	43	26407	3.453	ug/l 98

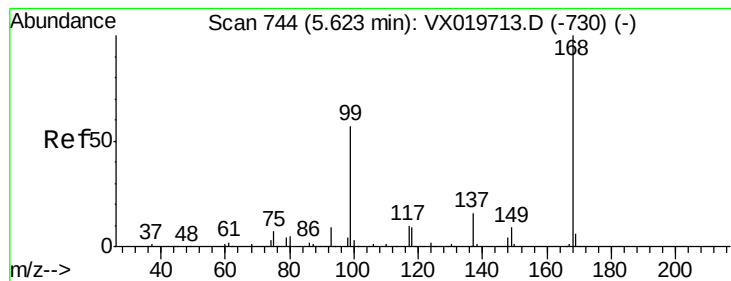
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX019996.D

Acq: 14 Dec 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

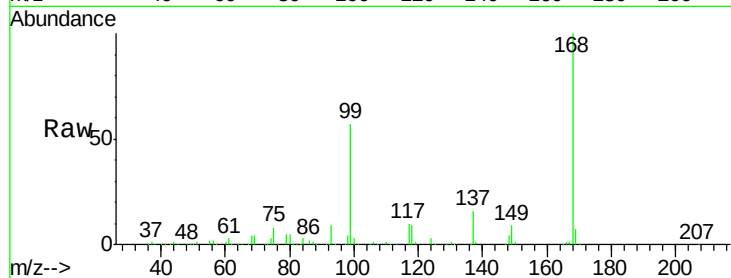
JBD-WC-SB-03

Tot Ion:168 Resp: 312256

Ion Ratio Lower Upper

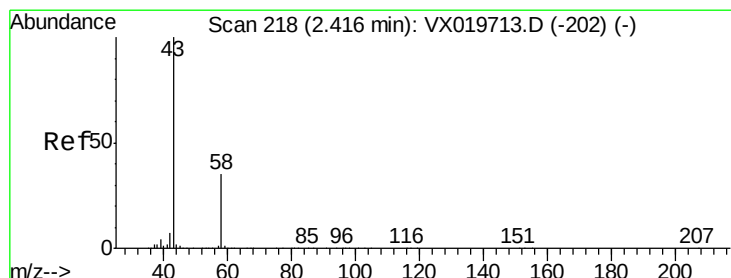
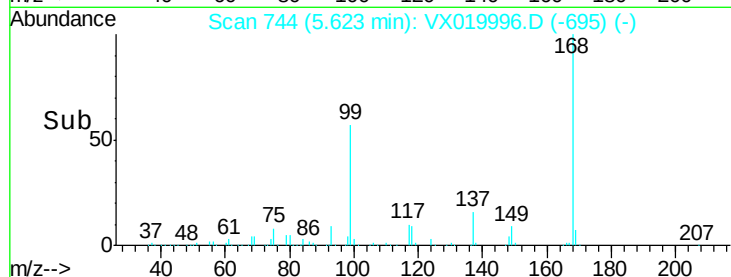
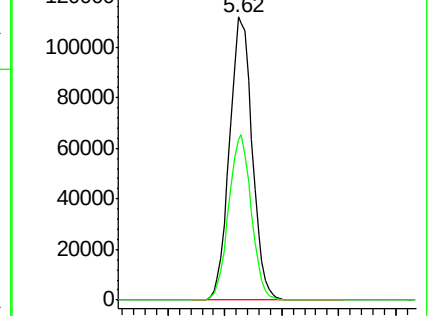
168 100

99 56.6 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: 10.091 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019996.D

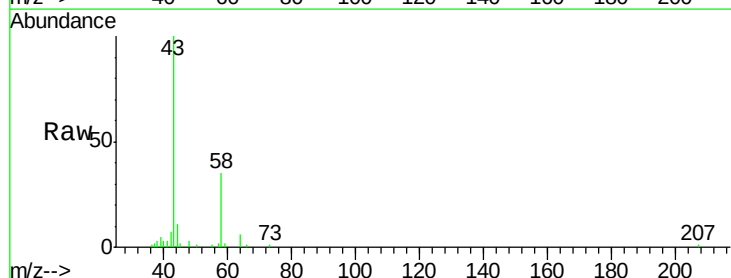
Acq: 14 Dec 2020 18:58

Tgt Ion: 43 Resp: 15566

Ion Ratio Lower Upper

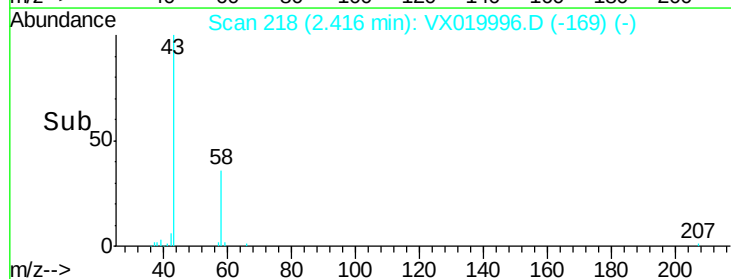
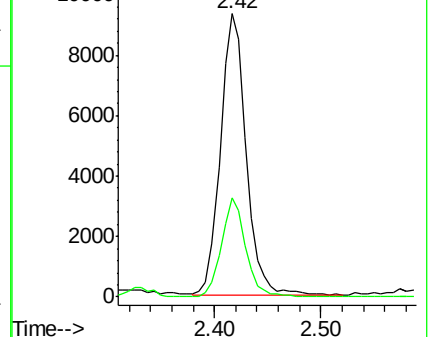
43 100

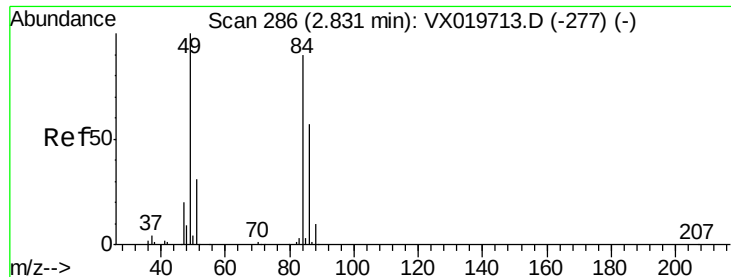
58 35.3 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methvlene Chloride

Concen: 4.176 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019996.D

Acq: 14 Dec 2020 18:58

Instrument :

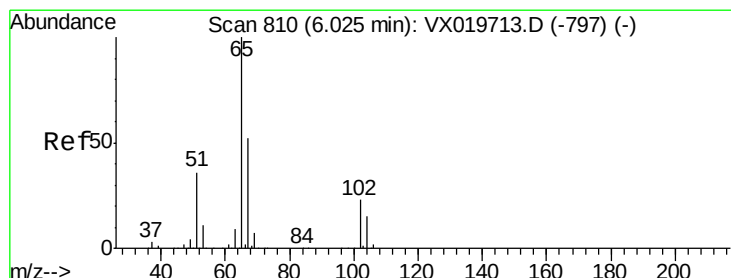
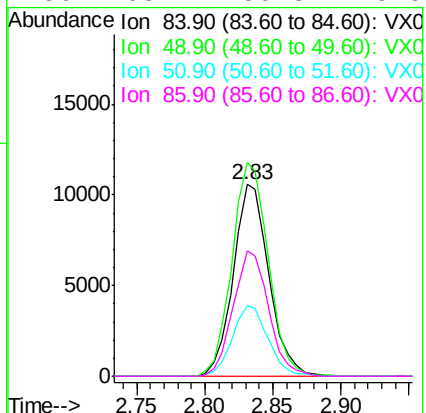
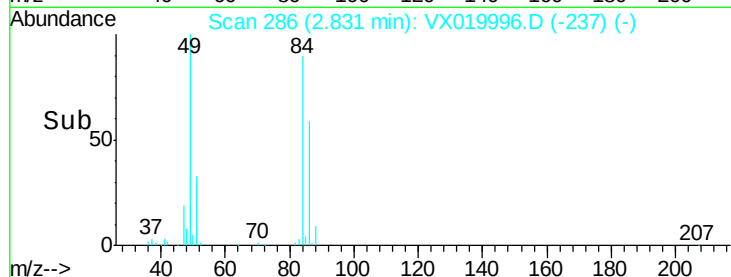
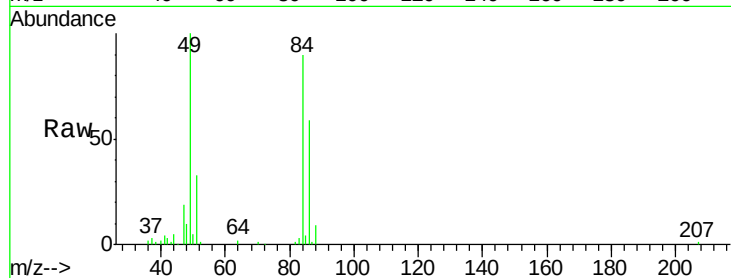
MSVOA_X

ClientSampleId :

JBD-WC-SB-03

Tot Ion: 84 Resp: 19296

Ion	Ratio	Lower	Upper
84	100		
49	111.3	88.6	132.8
51	36.6	27.0	40.6
86	65.7	50.3	75.5



#33

1,2-Dichloroethane-d4

Concen: 48.228 ug/l

RT: 6.03 min Scan# 811

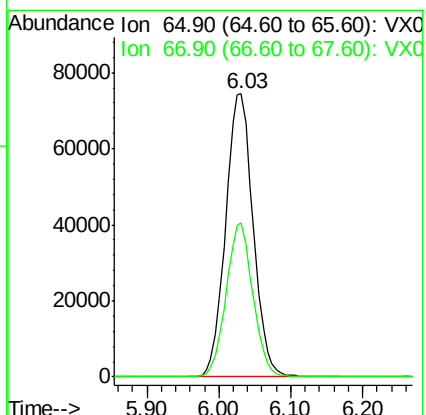
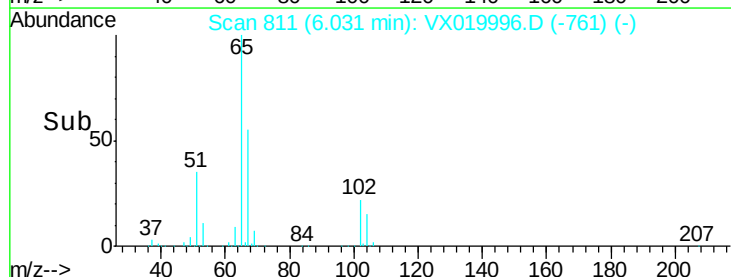
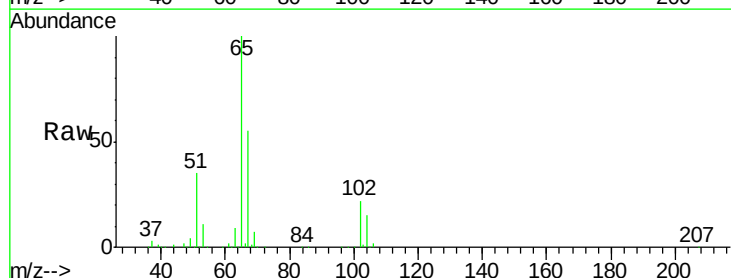
Delta R.T. 0.01 min

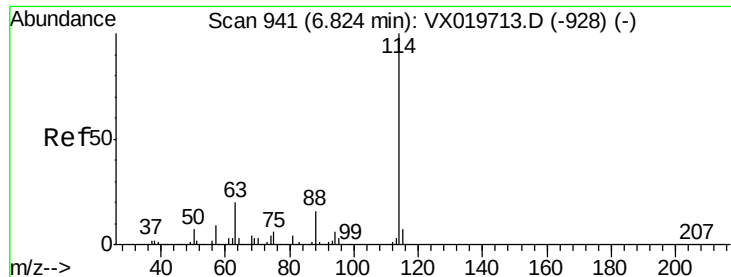
Lab File: VX019996.D

Acq: 14 Dec 2020 18:58

Tgt Ion: 65 Resp: 197927

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.4

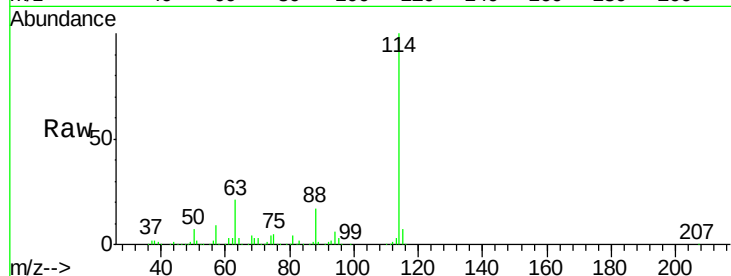




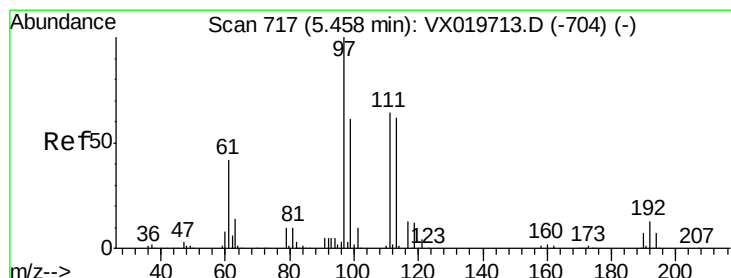
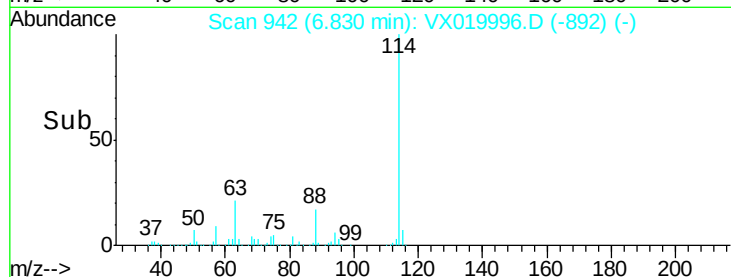
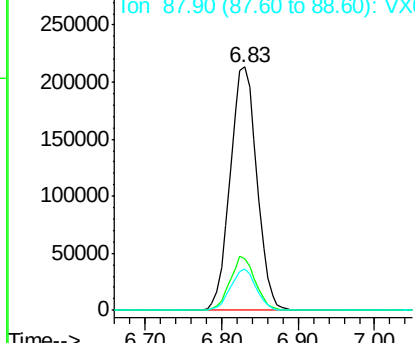
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019996.D
 Acq: 14 Dec 2020 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 JBD-WC-SB-03

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	16.8	0.0	32.8

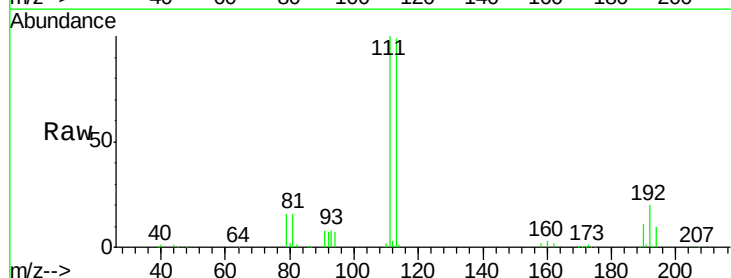


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

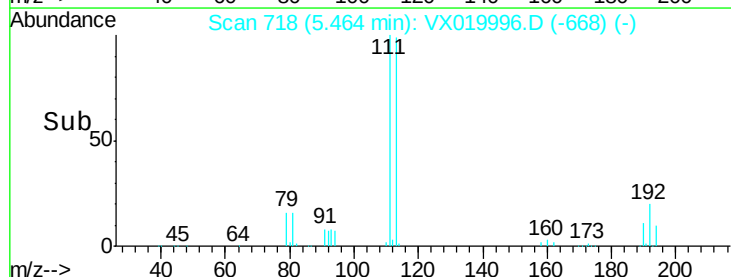
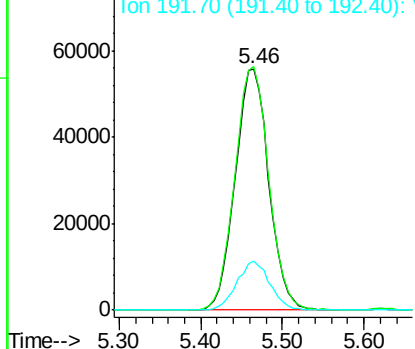


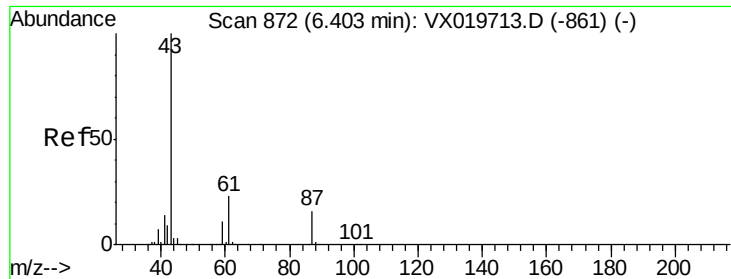
#35
 Dibromofluoromethane
 Concen: 47.874 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019996.D
 Acq: 14 Dec 2020 18:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	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: 3.453 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019996.D

Acq: 14 Dec 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-SB-03

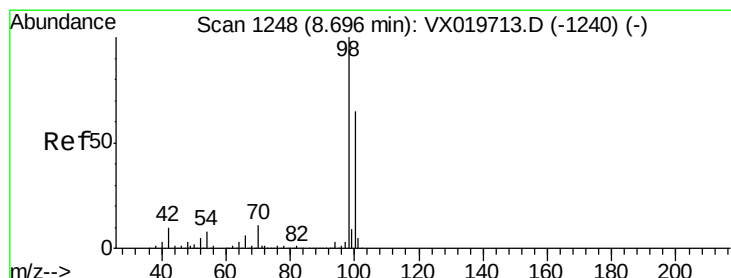
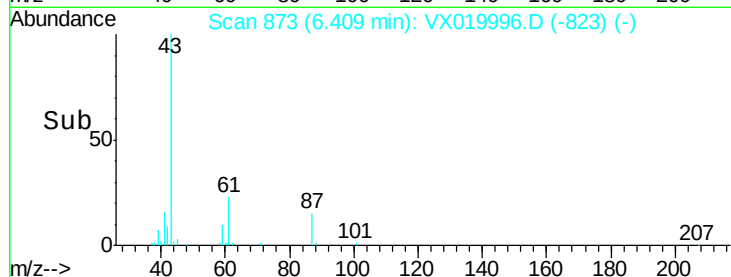
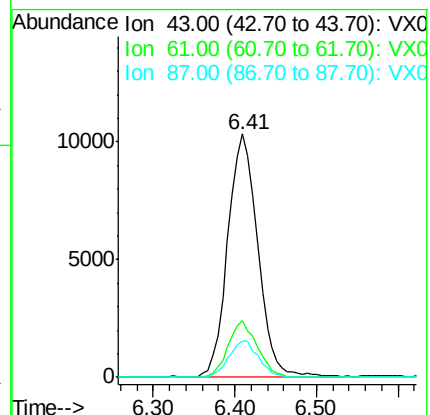
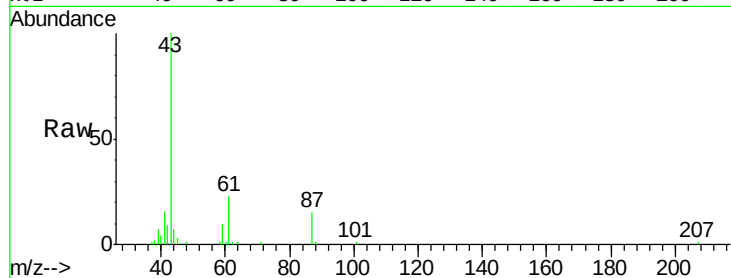
Tot Ion: 43 Resp: 26407

Ion Ratio Lower Upper

43 100

61 22.3 18.2 27.4

87 14.5 12.5 18.7



#50

Toluene-d8

Concen: 49.944 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019996.D

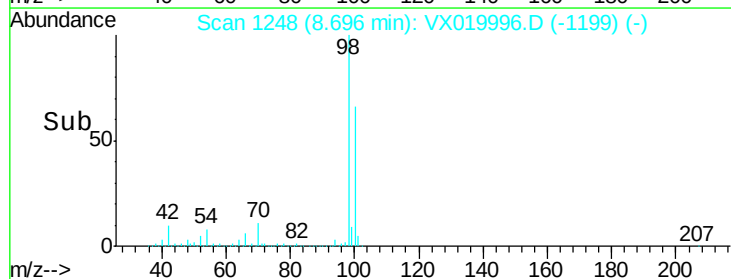
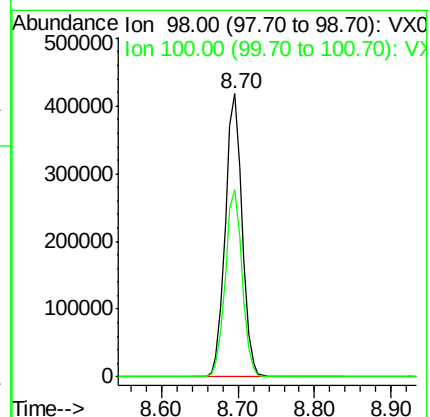
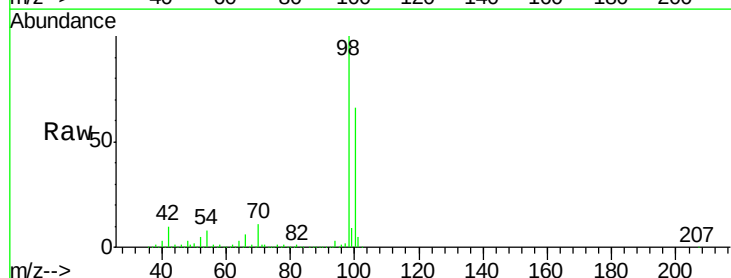
Acq: 14 Dec 2020 18:58

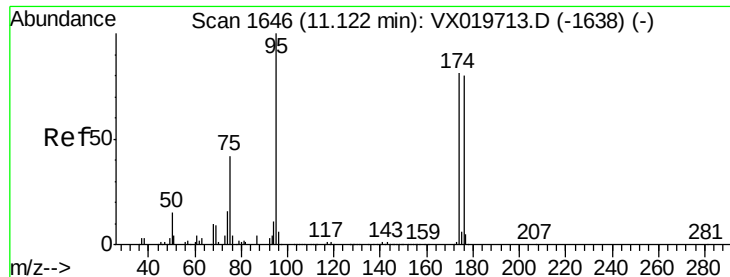
Tgt Ion: 98 Resp: 635313

Ion Ratio Lower Upper

98 100

100 66.3 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 46.320 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019996.D

Acq: 14 Dec 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-SB-03

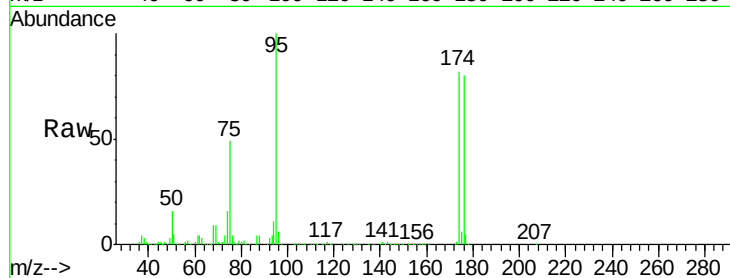
Tot Ion: 95 Resp: 224263

Ion Ratio Lower Upper

95 100

174 77.4 0.0 154.6

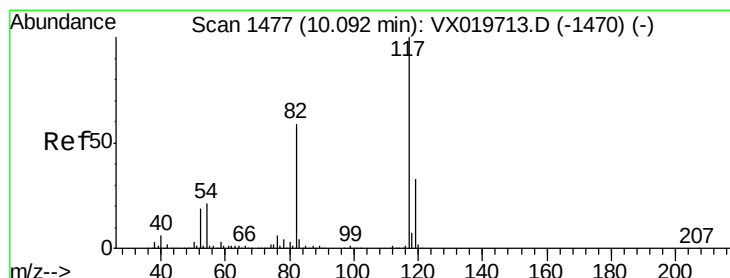
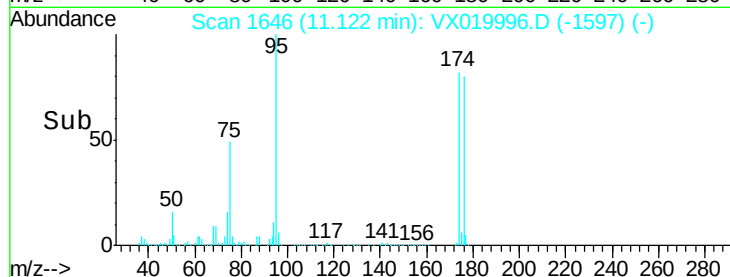
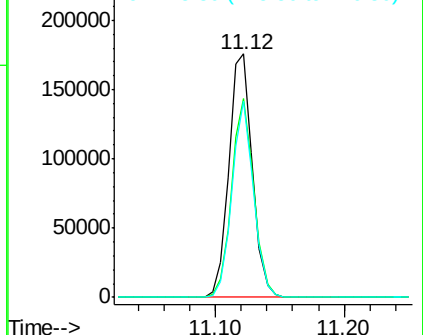
176 74.2 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019996.D

Acq: 14 Dec 2020 18:58

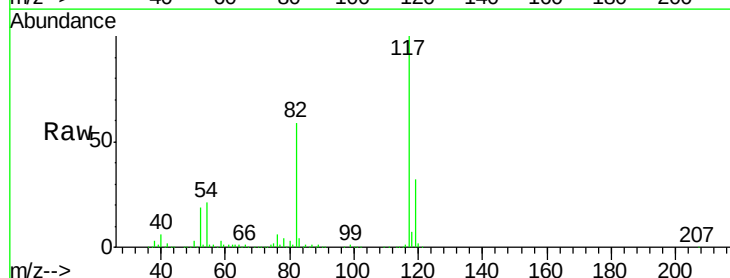
Tgt Ion: 117 Resp: 479150

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.2

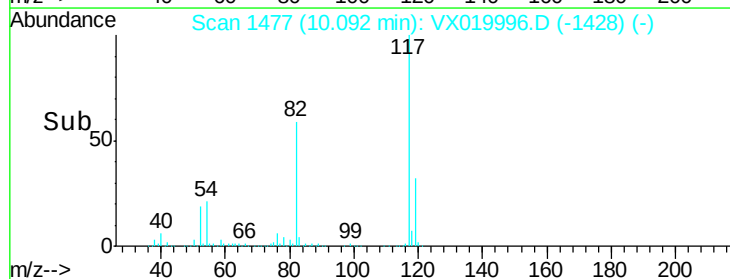
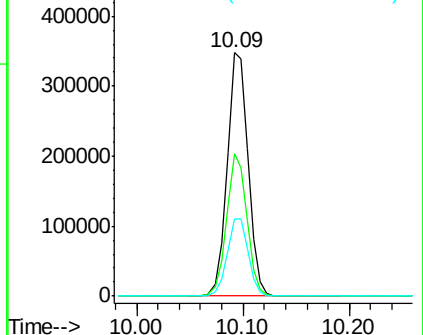
119 31.9 26.6 39.8

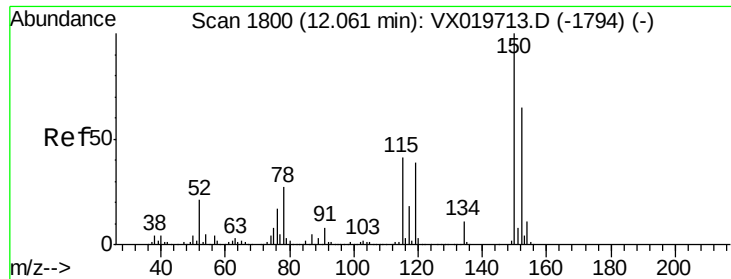


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019996.D

Acq: 14 Dec 2020 18:58

Instrument :

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ClientSampleId :

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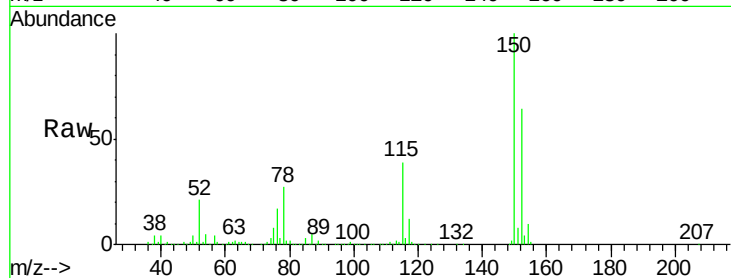
Tot Ion:152 Resp: 204030

Ion Ratio Lower Upper

152 100

115 60.1 41.1 123.3

150 159.2 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

