

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019990.D
 Acq On : 14 Dec 2020 16:38
 Operator : JC/MD
 Sample : L5065-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JBD-WC-S-BOLLARDS-0-6

Quant Time: Dec 15 01:45:08 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	300148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	503231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213255	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	195520	49.56	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.12%	
35) Dibromofluoromethane		5.46	113	156548	48.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.26%	
50) Toluene-d8		8.70	98	621597	50.06	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.12%	
62) 4-Bromofluorobenzene		11.12	95	222705	47.12	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.24%	

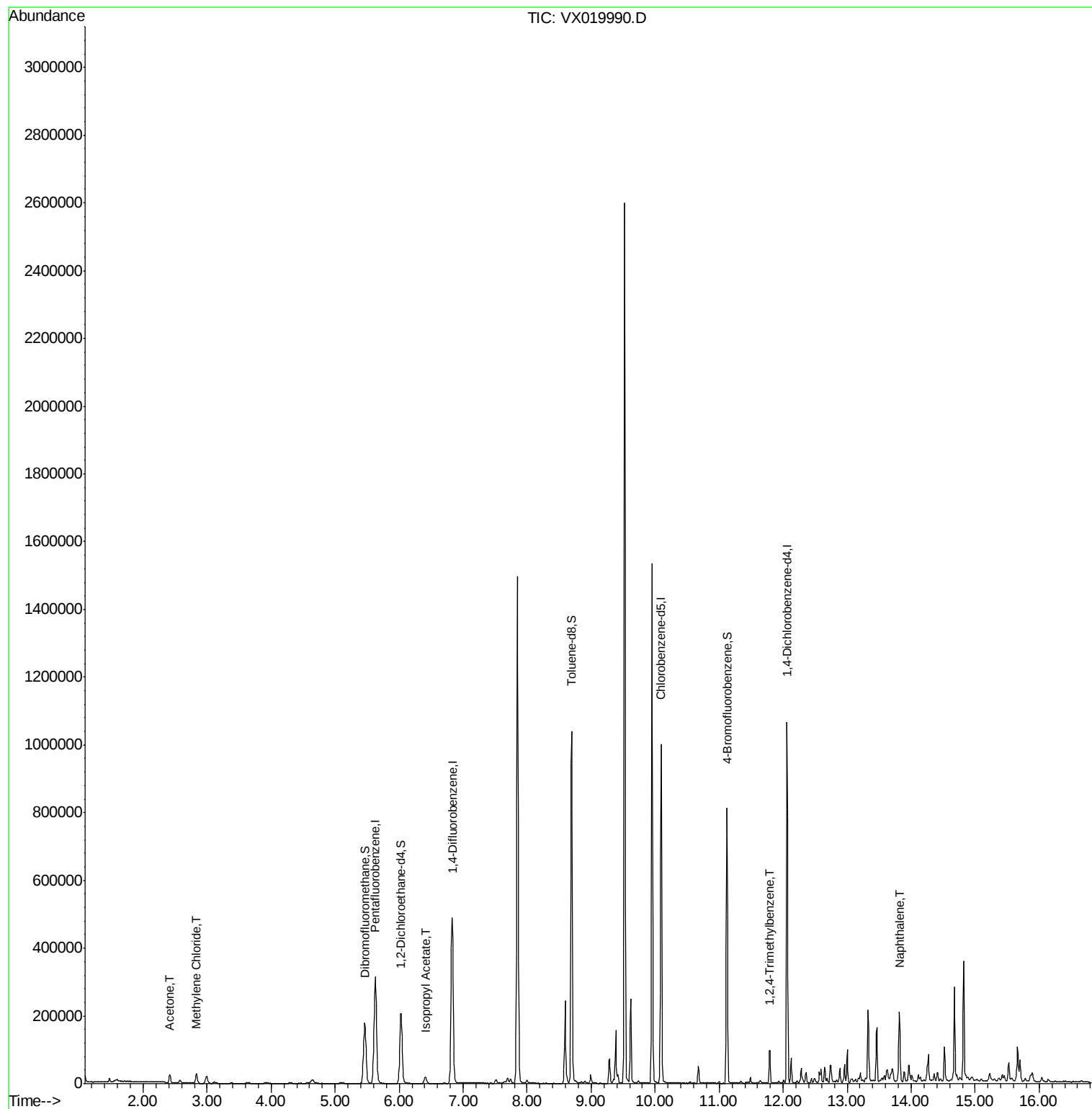
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	24759	16.698	ug/l	98
20) Methylene Chloride	2.83	84	13377	2.604	ug/l	96
43) Isopropyl Acetate	6.41	43	25054	3.356	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	44541	3.596	ug/l	100
95) Naphthalene	13.82	128	128439	9.123	ug/l	99

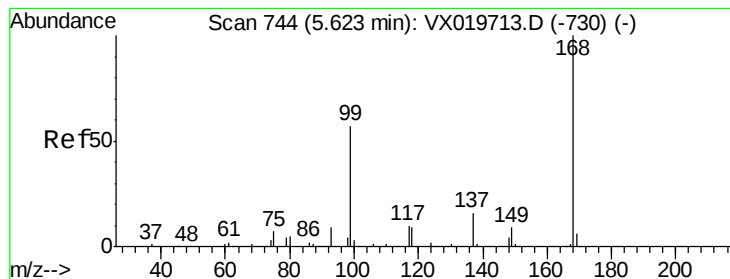
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121420\
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Misc : 5.0mL/MSVOA X/WATER
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Quant Time: Dec 15 01:45:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
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: VX019990.D

Acq: 14 Dec 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

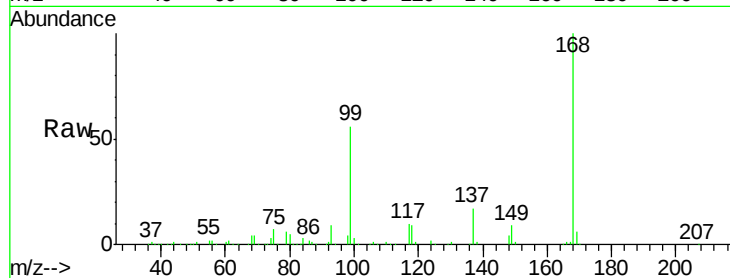
JBD-WC-S-BOLLARDS-0-6

Tot Ion:168 Resp: 300148

Ion Ratio Lower Upper

168 100

99 56.2 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

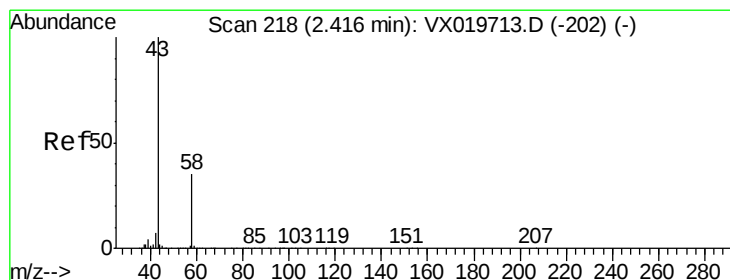
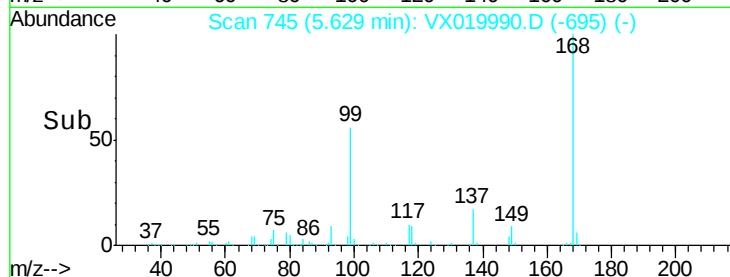
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.698 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019990.D

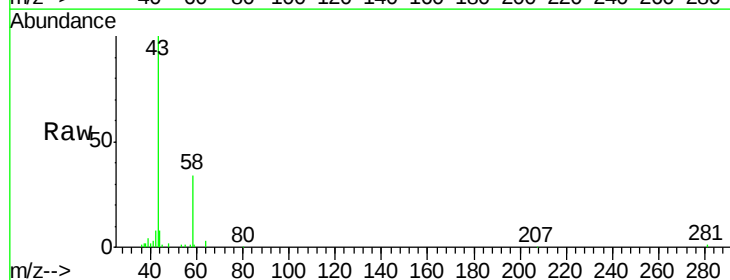
Acq: 14 Dec 2020 16:38

Tgt Ion: 43 Resp: 24759

Ion Ratio Lower Upper

43 100

58 33.8 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

15000

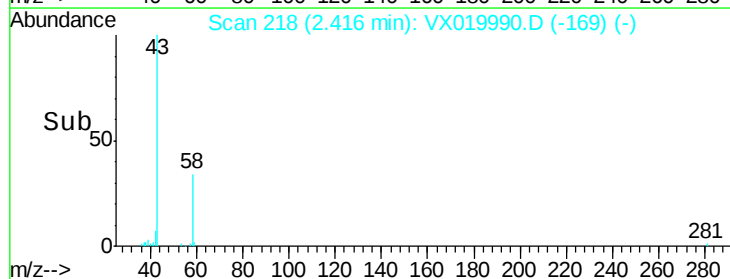
10000

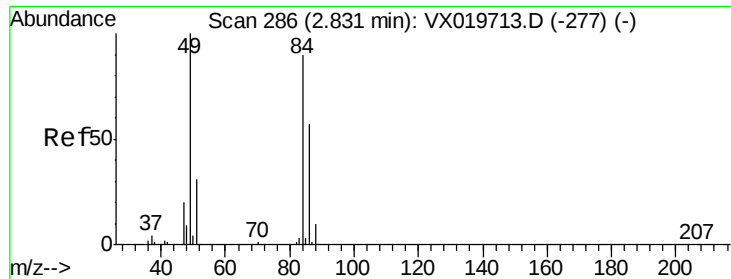
5000

0

Time-->

2.30 2.40 2.50

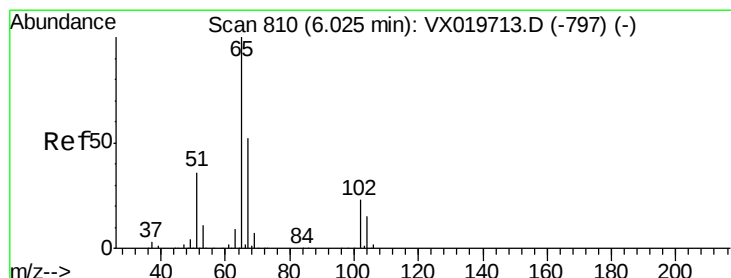
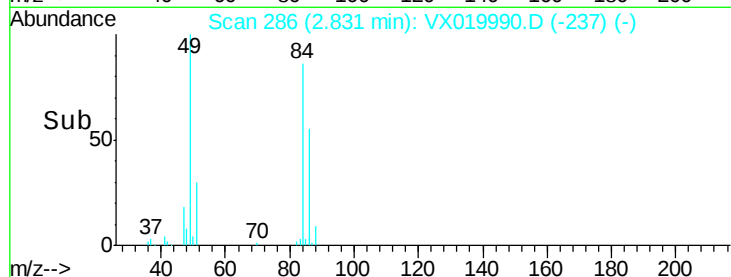
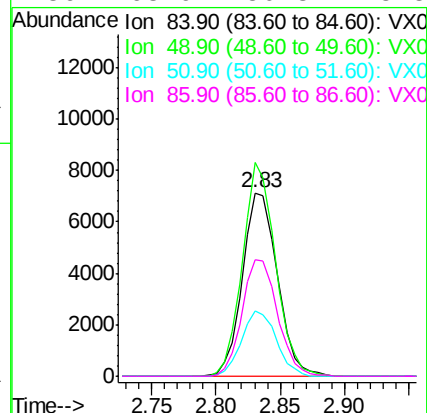
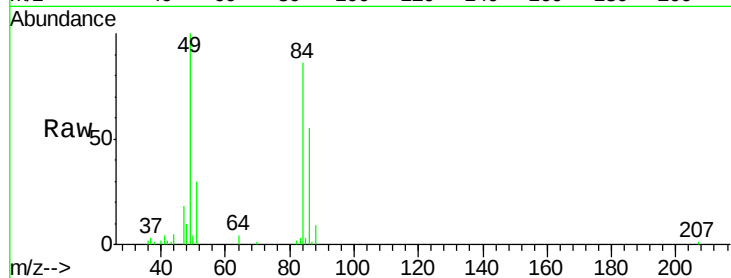




#20
Methvlene Chloride
Concen: 2.604 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019990.D
Acq: 14 Dec 2020 16:38

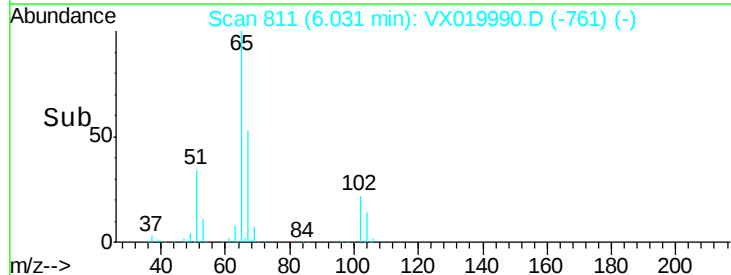
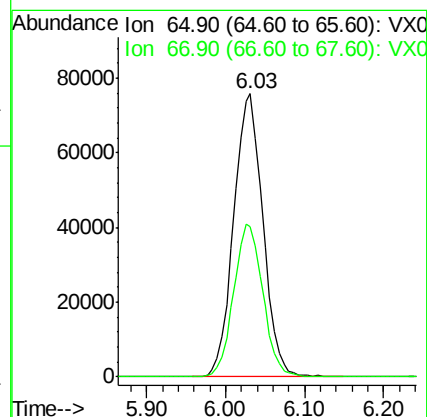
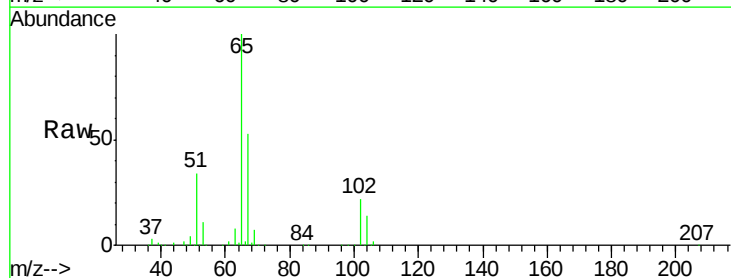
Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

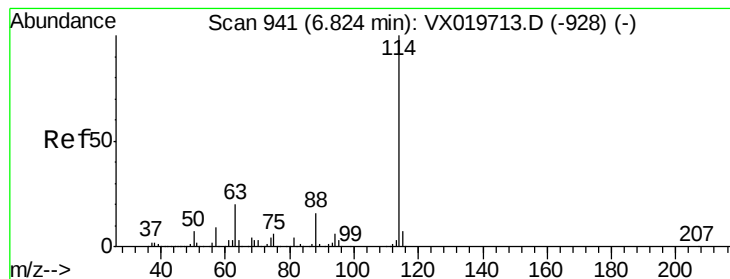
Tot Ion:	84	Resp:	13377
Ion	Ratio	Lower	Upper
84	100		
49	116.6	88.6	132.8
51	35.4	27.0	40.6
86	63.9	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 49.564 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019990.D
Acq: 14 Dec 2020 16:38

Tgt Ion:	65	Resp:	195520
Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VX019990.D

Acq: 14 Dec 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-BOLLARDS-0-6

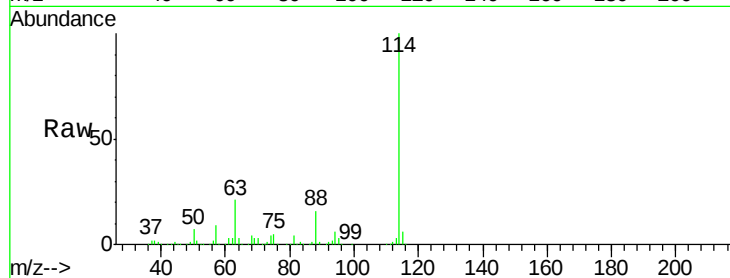
Tot Ion:114 Resp: 503231

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

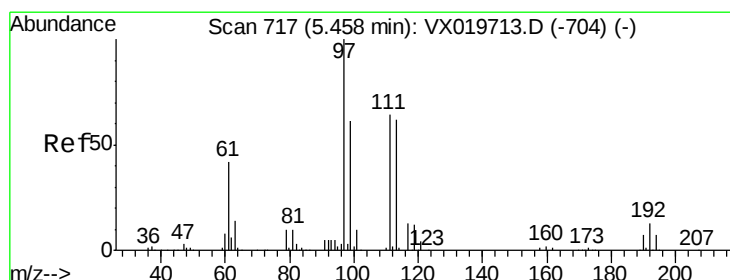
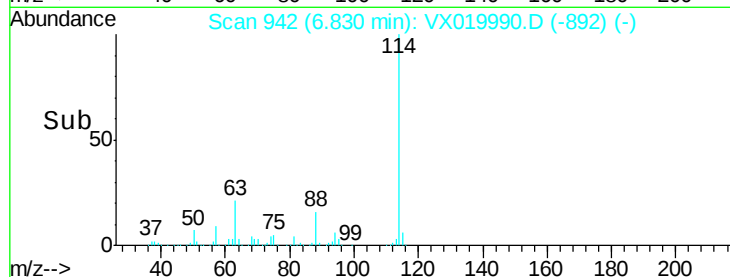
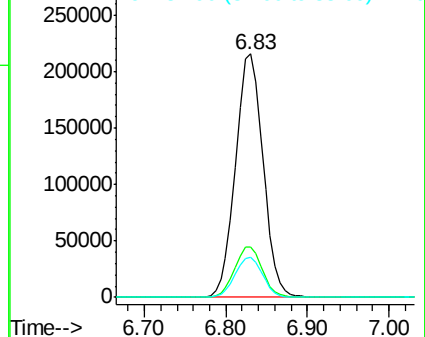
88 16.3 0.0 32.8



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: 48.134 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019990.D

Acq: 14 Dec 2020 16:38

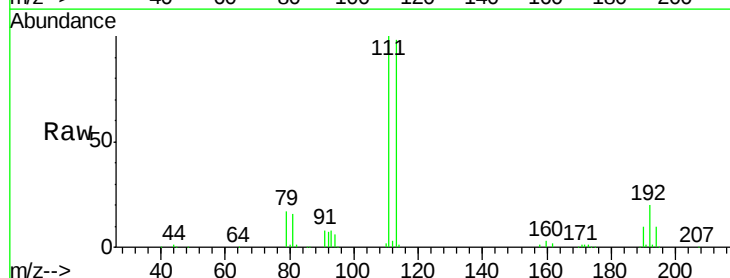
Tgt Ion:113 Resp: 156548

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

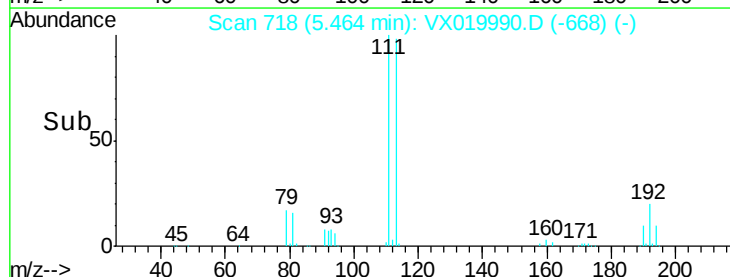
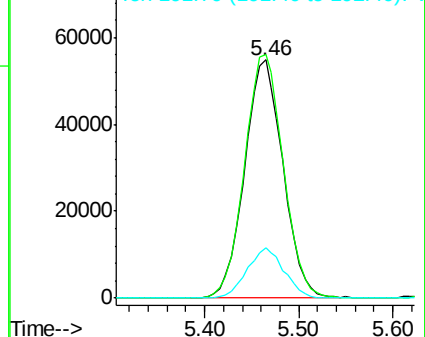
192 20.5 16.7 25.1

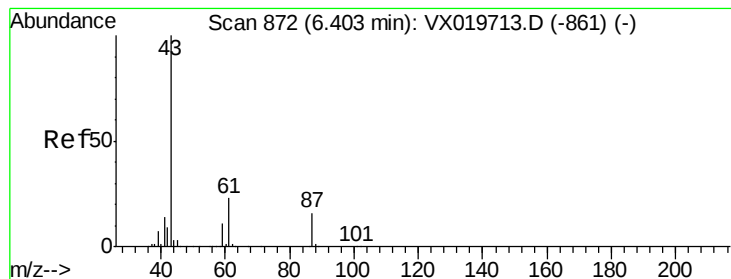


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.356 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019990.D

Acq: 14 Dec 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-BOLLARDS-0-6

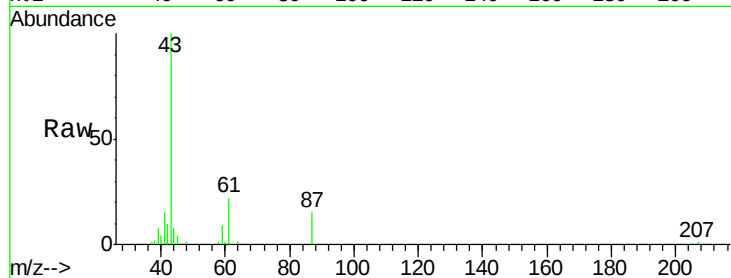
Tot Ion: 43 Resp: 25054

Ion Ratio Lower Upper

43 100

61 22.0 18.2 27.4

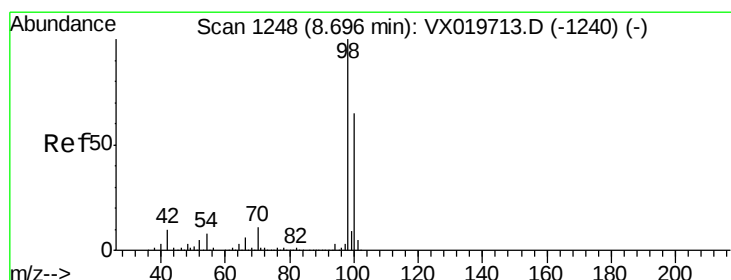
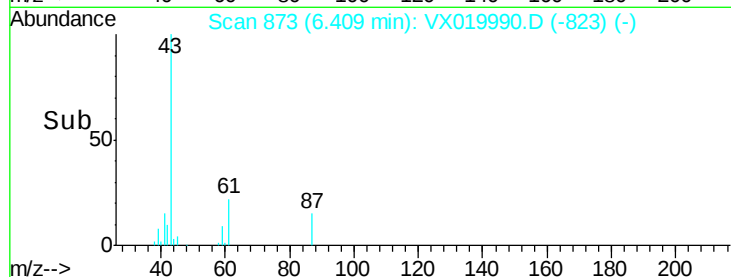
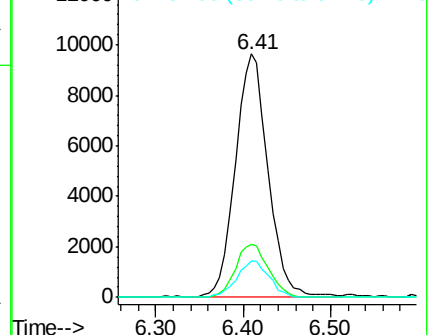
87 14.8 12.5 18.7



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: 50.062 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019990.D

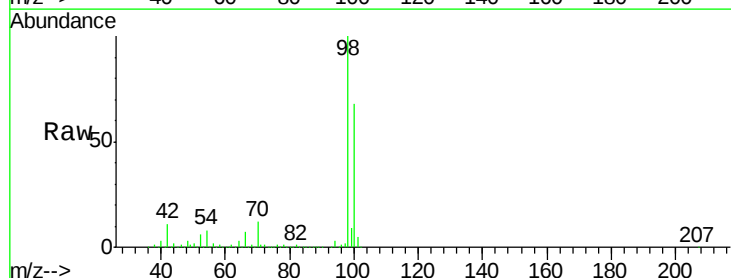
Acq: 14 Dec 2020 16:38

Tgt Ion: 98 Resp: 621597

Ion Ratio Lower Upper

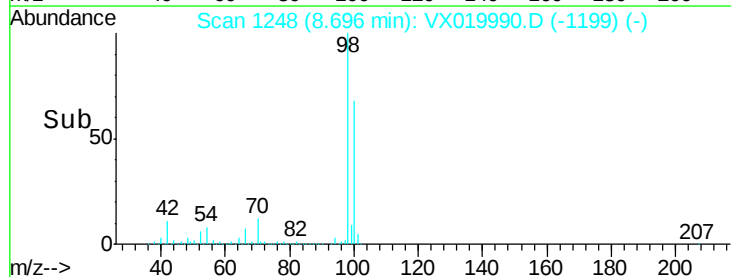
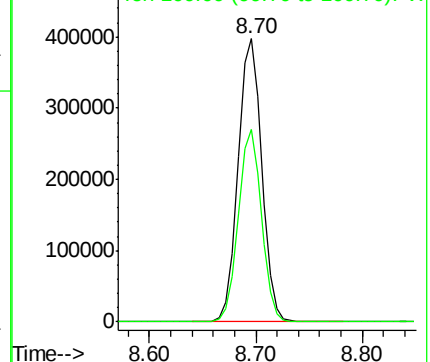
98 100

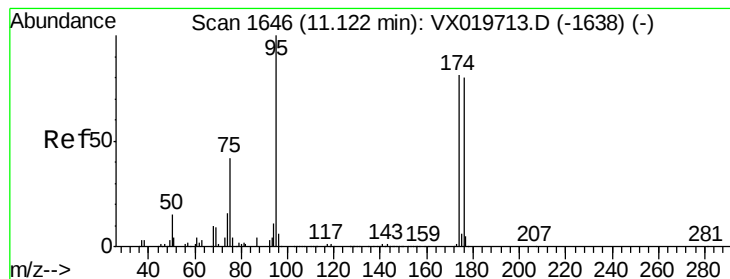
100 66.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.125 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019990.D

Acq: 14 Dec 2020 16:38

Instrument :

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ClientSampleId :

JBD-WC-S-BOLLARDS-0-6

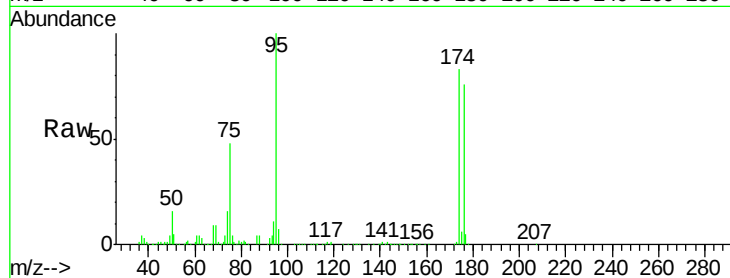
Tot Ion: 95 Resp: 222705

Ion Ratio Lower Upper

95 100

174 76.5 0.0 154.6

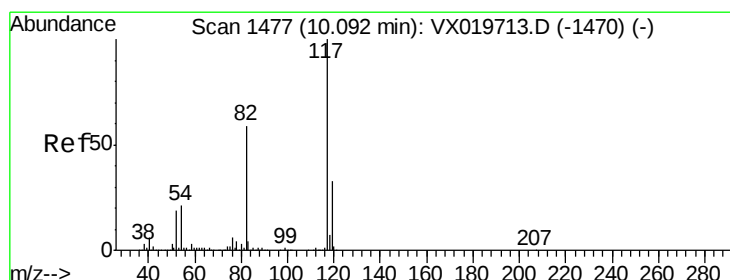
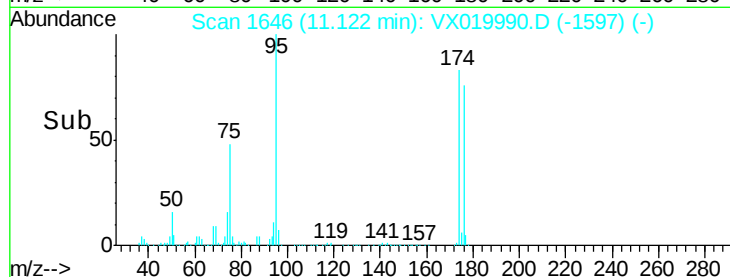
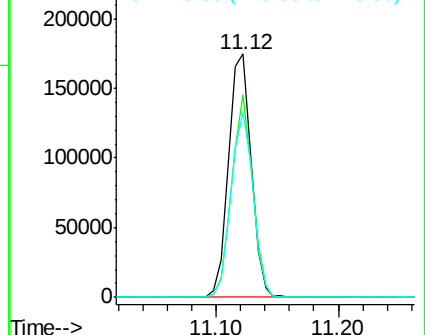
176 74.0 0.0 155.8



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: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019990.D

Acq: 14 Dec 2020 16:38

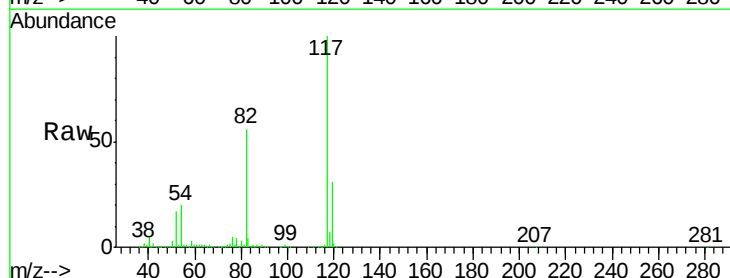
Tgt Ion: 117 Resp: 475374

Ion Ratio Lower Upper

117 100

82 56.4 47.4 71.2

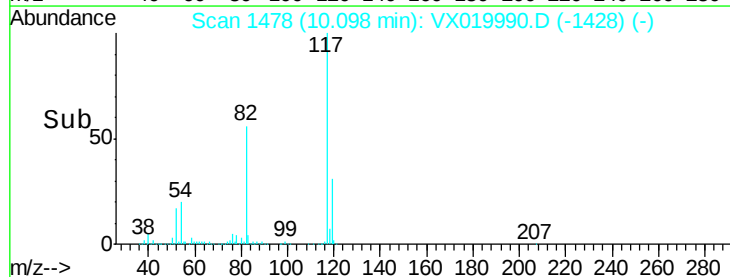
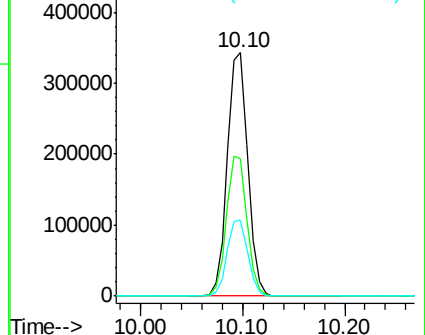
119 31.2 26.6 39.8

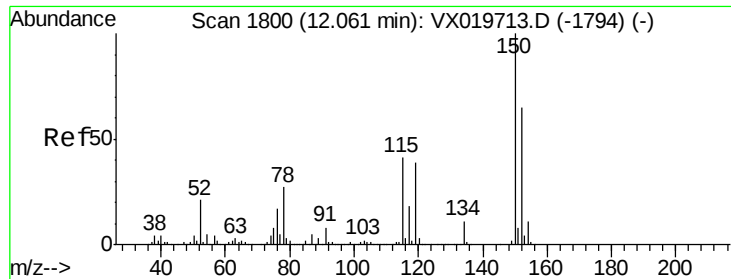


Abundance Ion 116.90 (116.60 to 117.60): VX0

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: VX019990.D

Acq: 14 Dec 2020 16:38

Instrument :

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JBD-WC-S-BOLLARDS-0-6

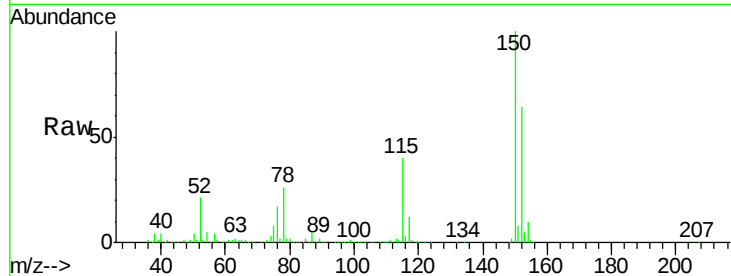
Tot Ion:152 Resp: 213255

Ion Ratio Lower Upper

152 100

115 60.8 41.1 123.3

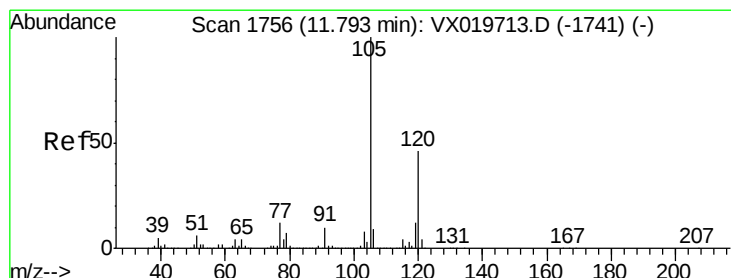
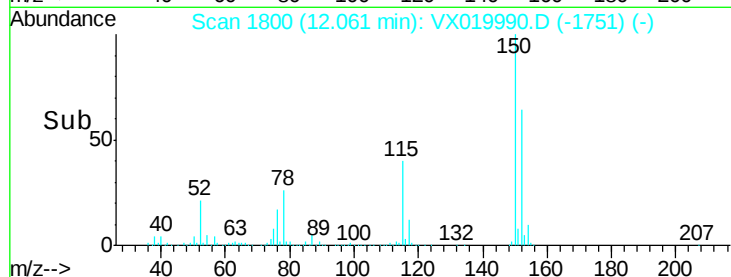
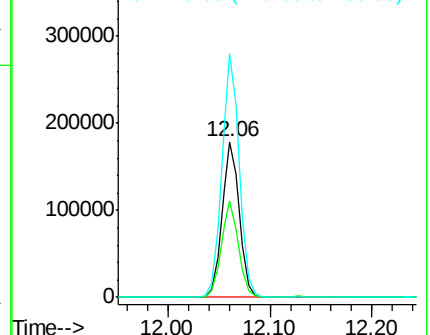
150 157.2 0.0 349.0



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



#84

1,2,4-Trimethylbenzene

Concen: 3.596 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019990.D

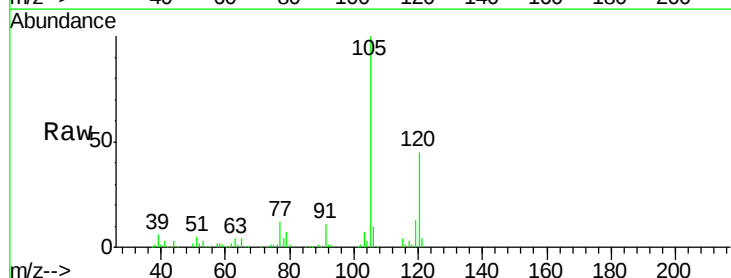
Acq: 14 Dec 2020 16:38

Tgt Ion:105 Resp: 44541

Ion Ratio Lower Upper

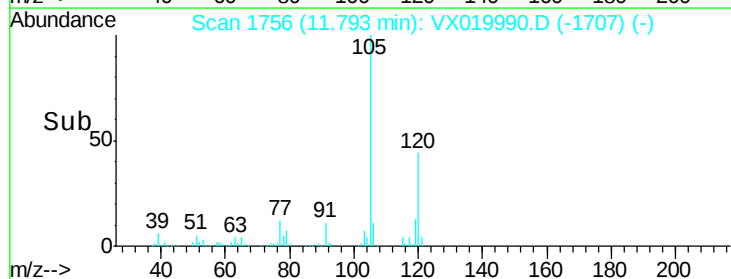
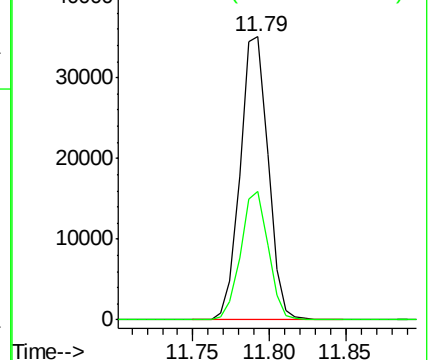
105 100

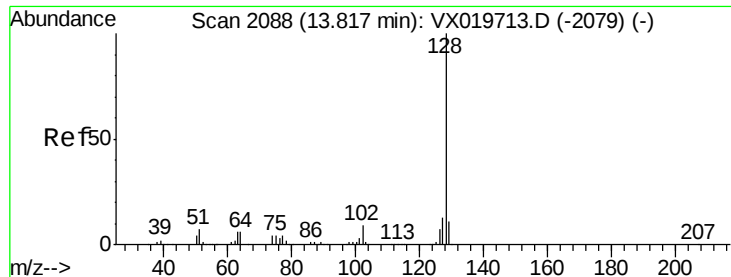
120 44.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

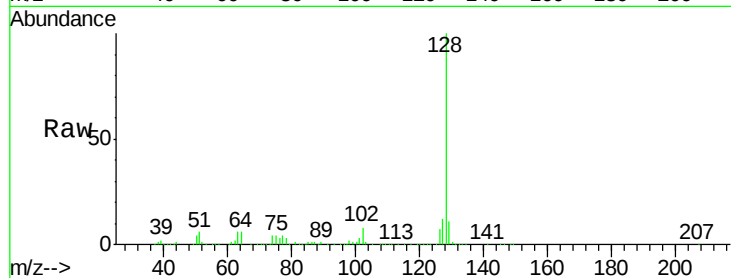




#95
Naphthalene
Concen: 9.123 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019990.D
Acq: 14 Dec 2020 16:38

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.6	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

