

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
 Data File : VX019971.D
 Acq On : 13 Dec 2020 07:08
 Operator : JC/MD
 Sample : L5065-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

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

Quant Time: Dec 14 08:26:17 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	299795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	194588	49.39	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.78%
35) Dibromofluoromethane	5.46	113	157088	48.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.28%
50) Toluene-d8	8.70	98	627845	50.39	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.78%
62) 4-Bromofluorobenzene	11.12	95	223682	47.17	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.34%

Target Compounds

					Qvalue	
5) Bromomethane	1.64	94	337	0.298	ug/l #	67
11) Tert butyl alcohol	3.00	59	5737	4.516	ug/l #	76
13) Acrolein	2.28	56	218	0.501	ug/l #	79
16) Acetone	2.42	43	23932	16.159	ug/l	99
18) Methyl Acetate	2.75	43	2767	0.763	ug/l	95
20) Methylene Chloride	2.84	84	13778	2.730	ug/l	93
25) 2-Butanone	4.64	43	6840	3.006	ug/l	99
29) Tetrahydrofuran	5.10	42	1997	1.362	ug/l #	54
31) Cyclohexane	5.62	56	6009	1.226	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22574	4.947	ug/l #	49
37) Ethyl Acetate	4.80	43	1124	0.244	ug/l #	64
38) Carbon Tetrachloride	5.63	117	29856	6.682	ug/l #	15
43) Isopropyl Acetate	6.41	43	25883	3.456	ug/l	98
48) Methyl methacrylate	7.65	41	7253	1.969	ug/l #	10
49) 1,4-Dioxane	7.84	88	192	2.152	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	84254	18.424	ug/l #	47
52) Toluene	8.76	92	2341	0.269	ug/l	95
54) cis-1,3-Dichloropropene	8.59	75	42955	7.633	ug/l #	59
57) 1,3-Dichloropropane	9.52	76	24848	4.142	ug/l #	43
59) 2-Hexanone	9.52	43	302695	85.394	ug/l #	47
67) Ethyl Benzene	10.23	91	4031	0.238	ug/l	90
73) Isopropylbenzene	11.00	105	9003	0.605	ug/l	99
74) N-ethyl acetate	10.81	43	1328	0.223	ug/l #	47
76) 1,2,3-Trichloropropane	11.12	75	107010	21.922	ug/l #	39
78) n-propylbenzene	11.34	91	16012	0.943	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	32511	2.591	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	107010	63.372	ug/l #	12
82) 4-Chlorotoluene	11.49	91	3659	0.299	ug/l #	45
83) tert-Butylbenzene	11.76	119	2774	0.225	ug/l	83
84) 1,2,4-Trimethylbenzene	11.79	105	155820	12.326	ug/l	99
85) sec-Butylbenzene	11.93	105	20040	1.426	ug/l	84
86) p-Isopropyltoluene	12.05	119	9081	0.705	ug/l	91
89) n-Butylbenzene	12.36	91	23912	2.096	ug/l #	28
90) Hexachloroethane	12.57	117	6540	2.941	ug/l #	9

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ALS Vial : 49 Sample Multiplier: 1

Instrument :
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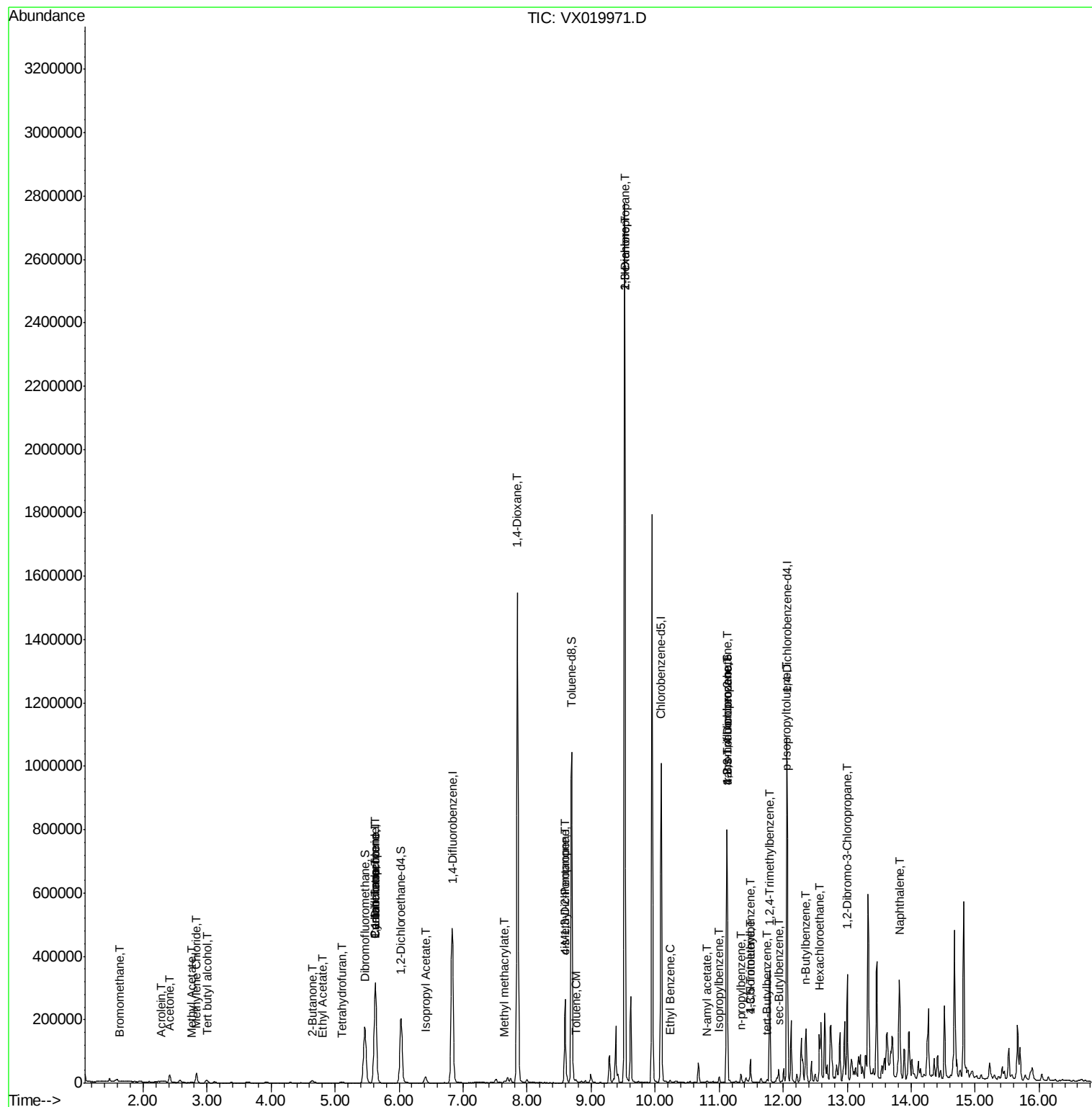
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1041	0.924	ug/l #	1
95) Naphthalene	13.82	128	192987	13.432	ug/l	98

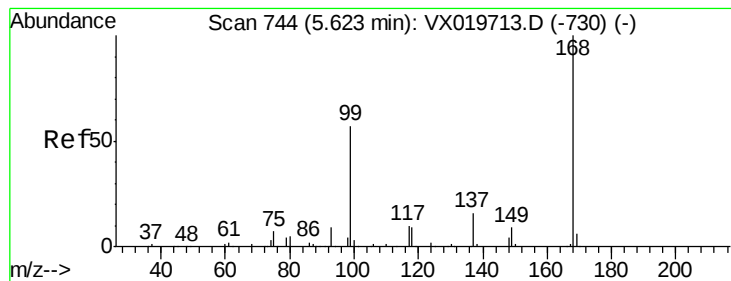
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

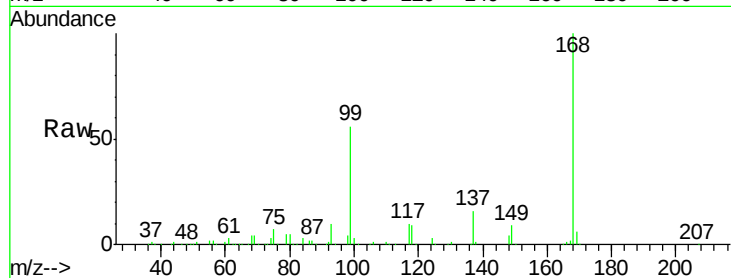
JBD-WC-S-BOLLARDS-0-6

Tgt Ion: 168 Resp: 299795

Ion Ratio Lower Upper

168 100

99 56.4 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

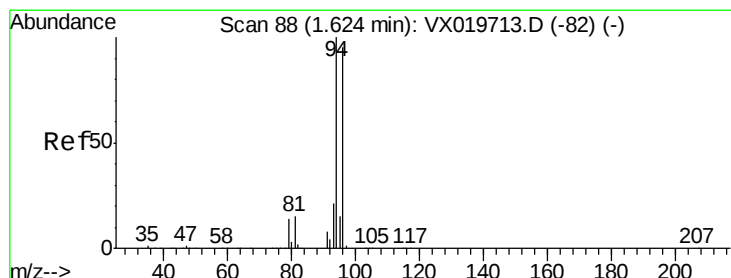
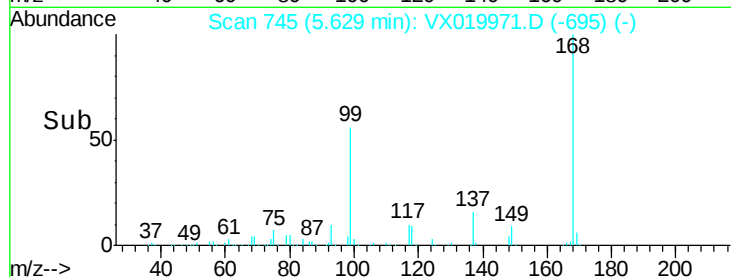
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.298 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019971.D

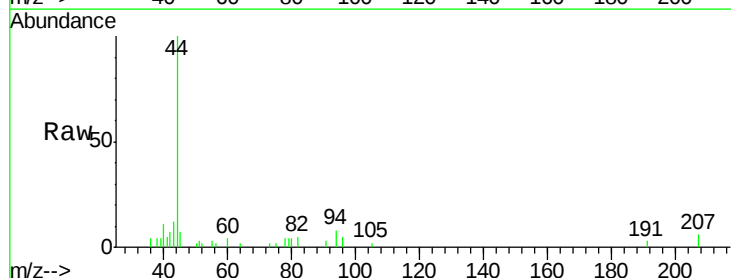
Acq: 13 Dec 2020 07:08

Tgt Ion: 94 Resp: 337

Ion Ratio Lower Upper

94 100

96 63.5 76.4 114.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

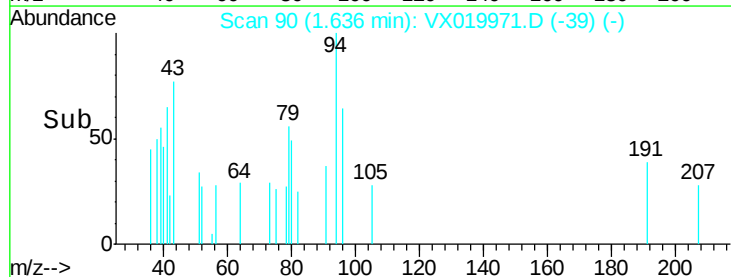
150

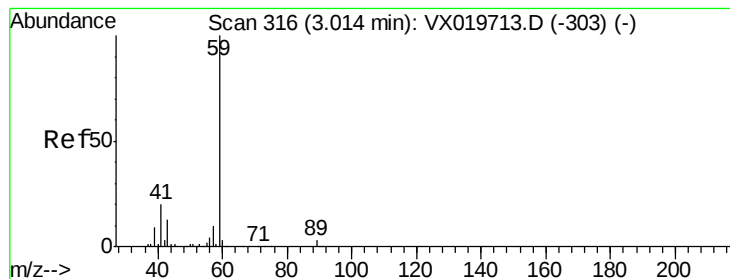
100

50

0

Time-->





#11

Tert butyl alcohol

Concen: 4.516 ug/l

RT: 3.00 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

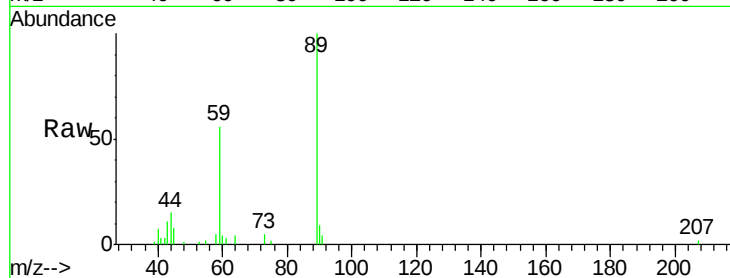
JBD-WC-S-BOLLARDS-0-6

Tgt Ion: 59 Resp: 5737

Ion Ratio Lower Upper

59 100

57 0.9 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

2500

2000

1500

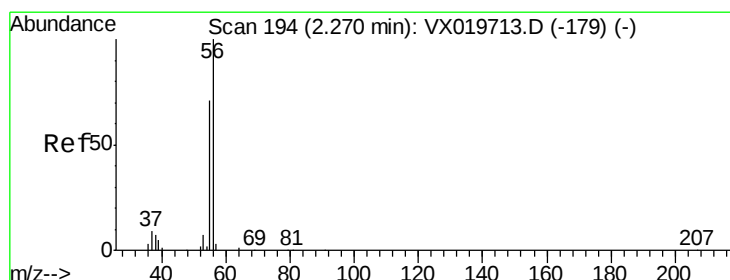
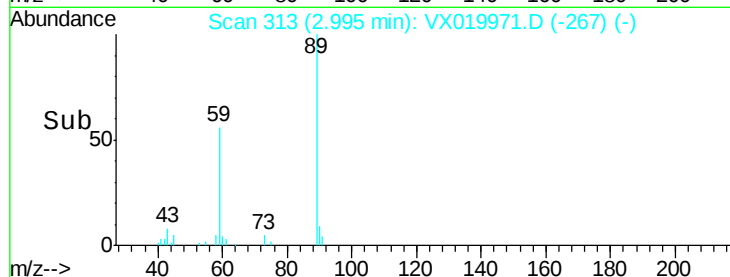
1000

500

0

Time-->

2.90 2.95 3.00 3.05 3.10



#13

Acrolein

Concen: 0.501 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019971.D

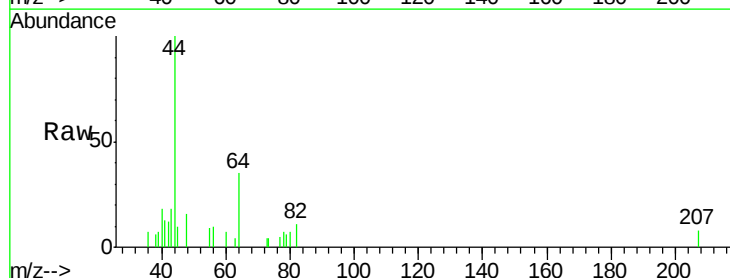
Acq: 13 Dec 2020 07:08

Tgt Ion: 56 Resp: 218

Ion Ratio Lower Upper

56 100

55 53.2 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

150

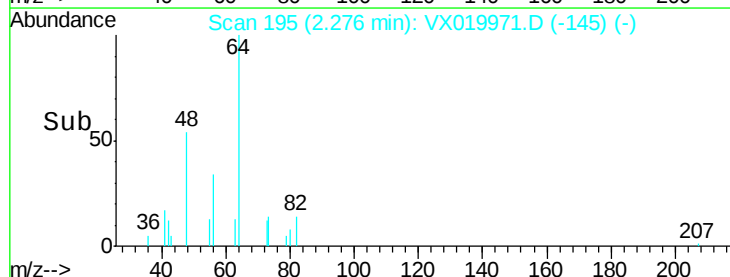
100

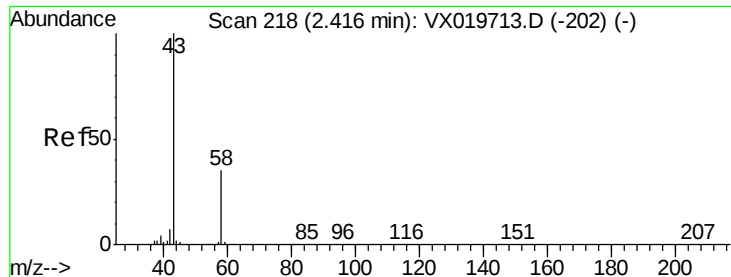
50

0

Time-->

2.24 2.26 2.28 2.30





#16

Acetone

Concen: 16.159 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

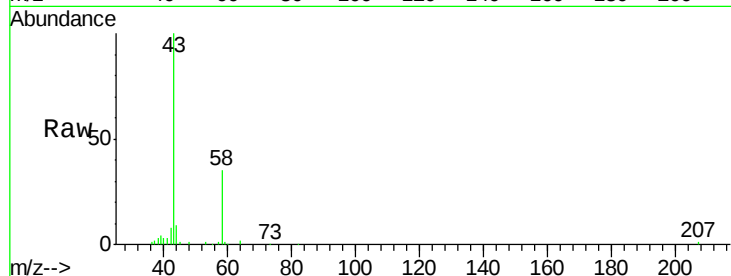
JBD-WC-S-BOLLARDS-0-6

Tgt Ion: 43 Resp: 23932

Ion Ratio Lower Upper

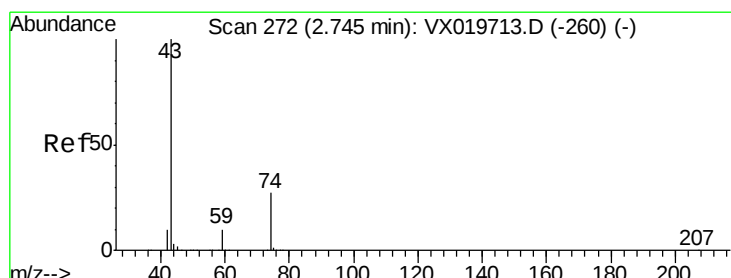
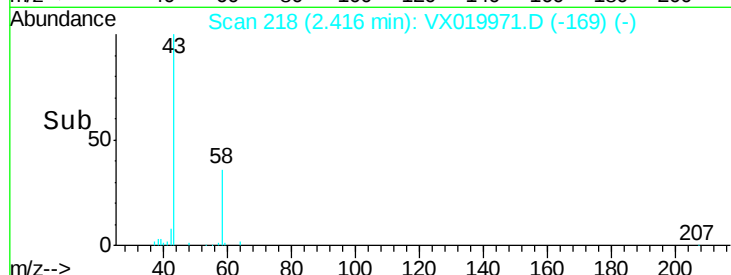
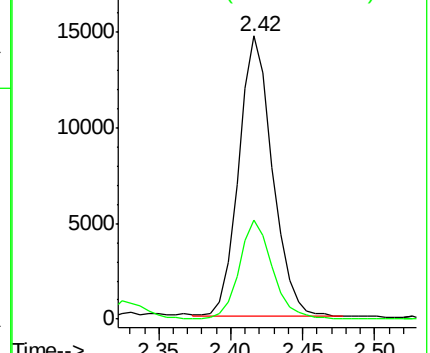
43 100

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



#18

Methyl Acetate

Concen: 0.763 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX019971.D

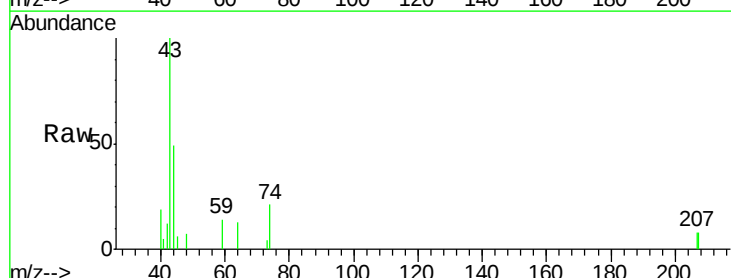
Acq: 13 Dec 2020 07:08

Tgt Ion: 43 Resp: 2767

Ion Ratio Lower Upper

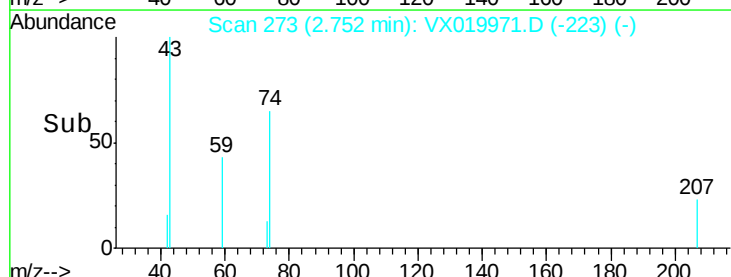
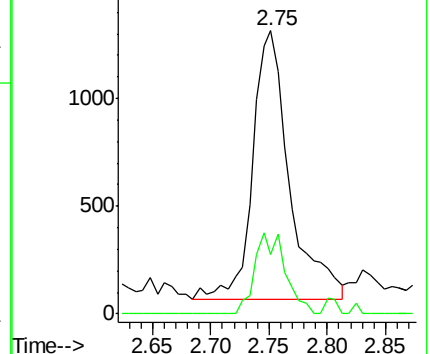
43 100

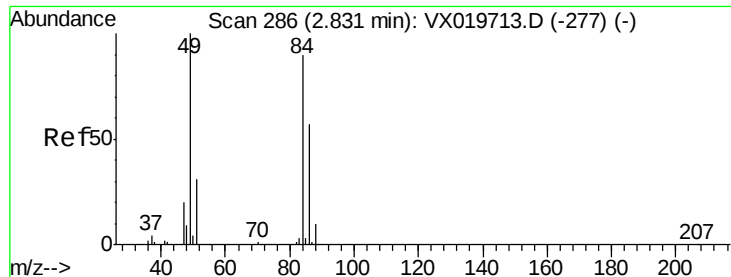
74 24.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 2.730 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-BOLLARDS-0-6

Tgt Ion: 84 Resp: 13778

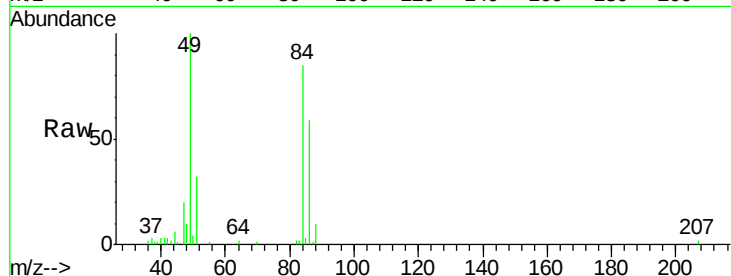
Ion Ratio Lower Upper

84 100

49 117.4 88.6 132.8

51 38.0 27.0 40.6

86 69.0 50.3 75.5

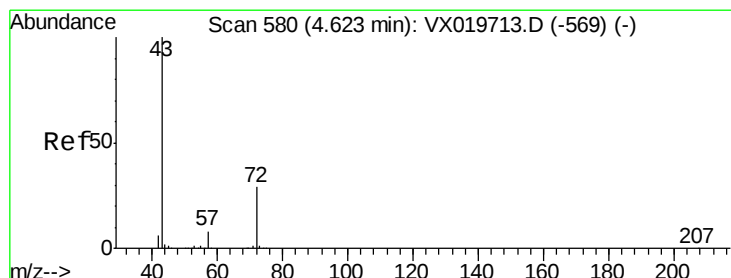
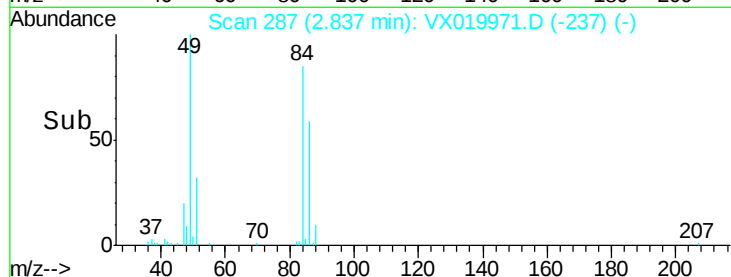
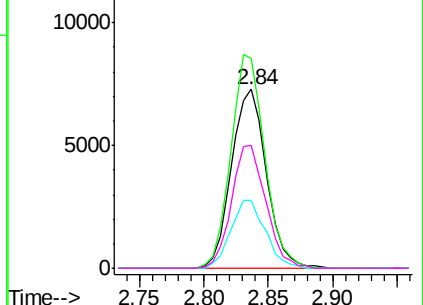


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 3.006 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019971.D

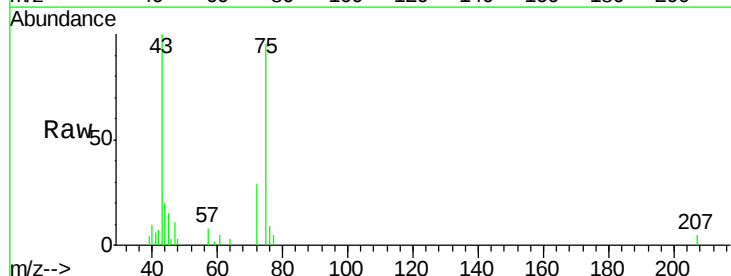
Acq: 13 Dec 2020 07:08

Tgt Ion: 43 Resp: 6840

Ion Ratio Lower Upper

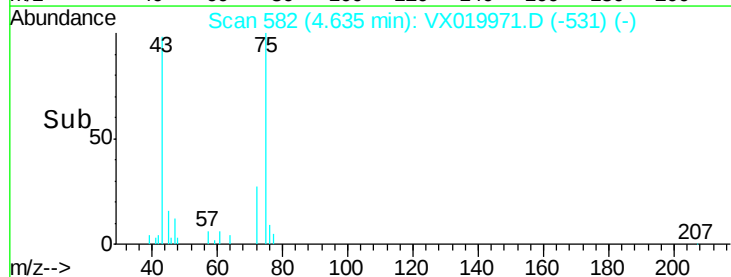
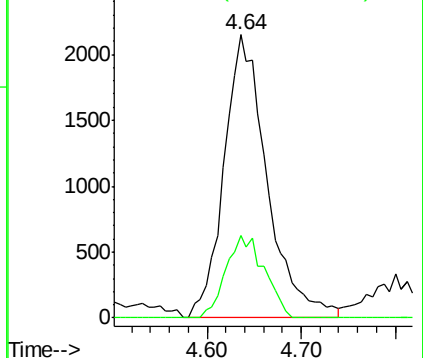
43 100

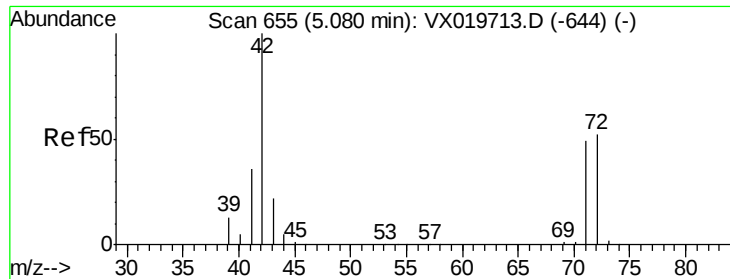
72 29.0 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 1.362 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.02 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

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JBD-WC-S-BOLLARDS-0-6

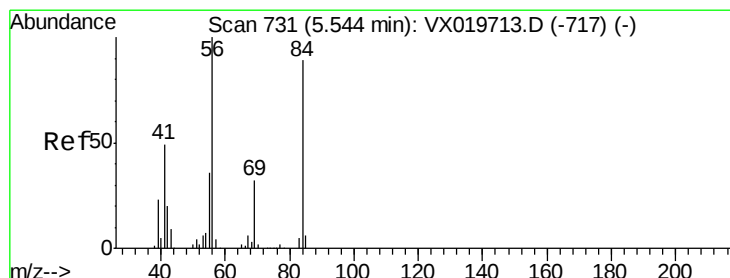
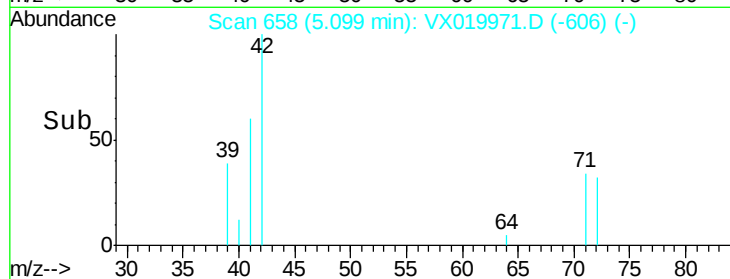
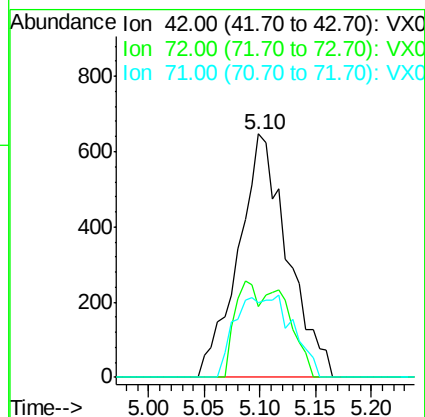
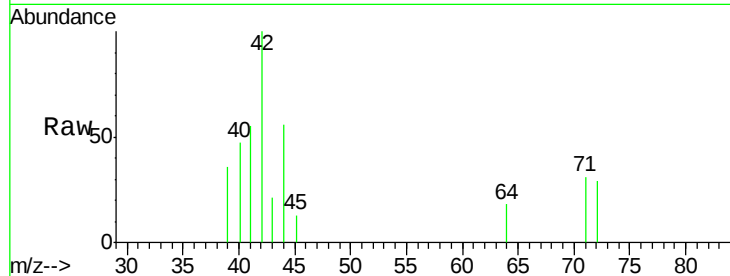
Tgt Ion: 42 Resp: 1997

Ion Ratio Lower Upper

42 100

72 19.0 41.7 62.5#

71 18.1 38.4 57.6#



#31

Cyclohexane

Concen: 1.226 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.08 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

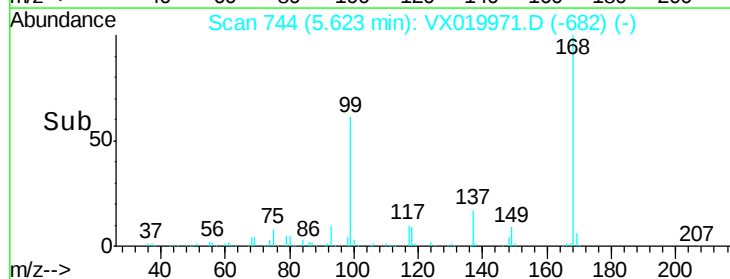
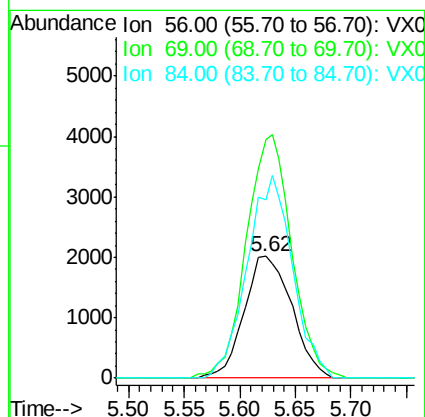
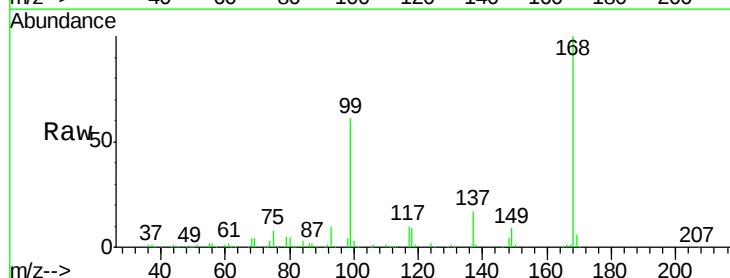
Tgt Ion: 56 Resp: 6009

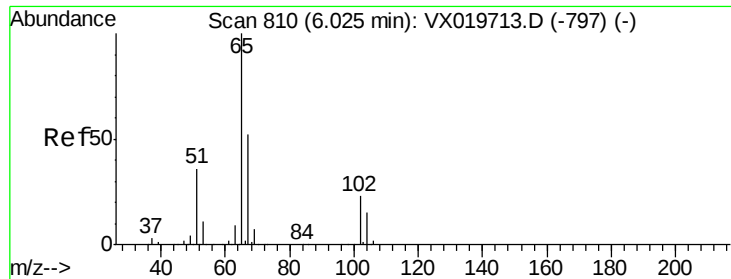
Ion Ratio Lower Upper

56 100

69 195.9 25.3 37.9#

84 146.2 71.4 107.0#

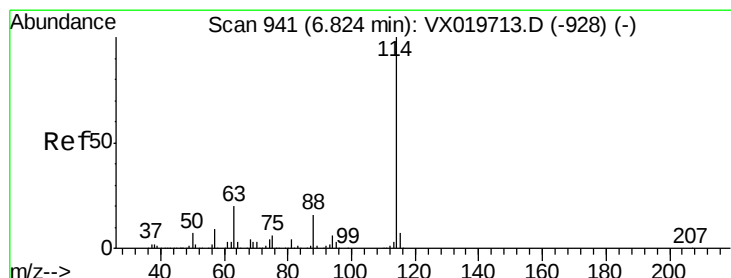
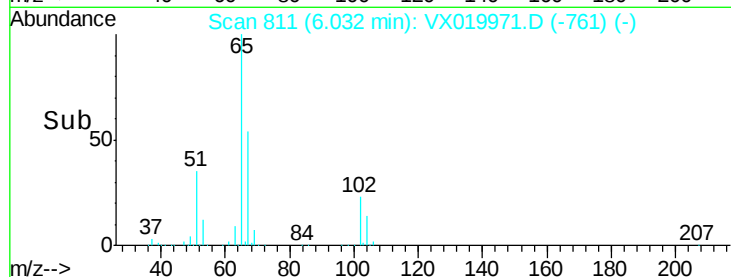
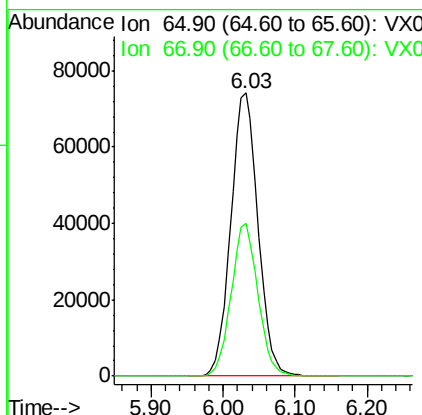
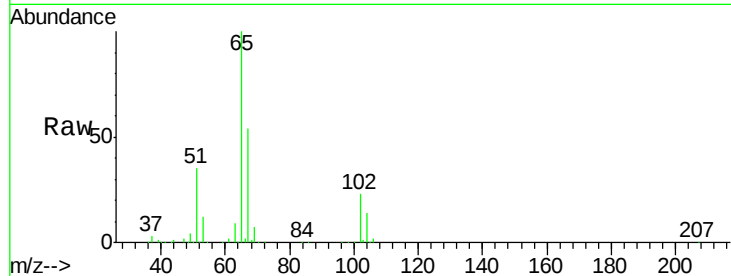




#33
 1,2-Dichloroethane-d4
 Concen: 49.385 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

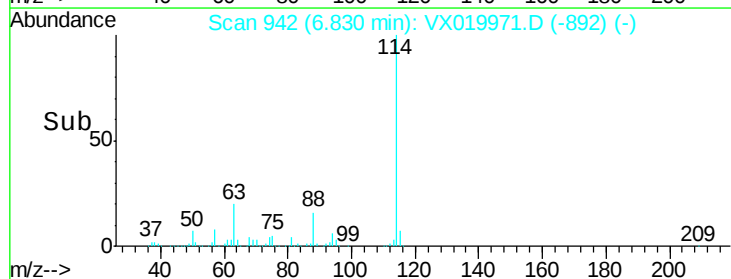
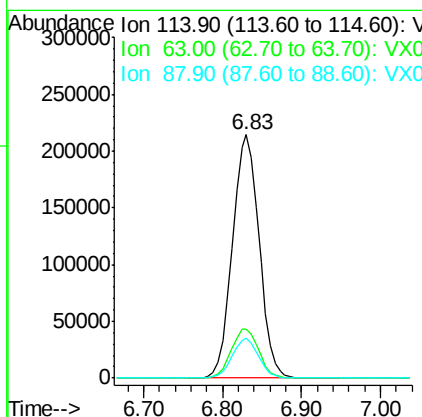
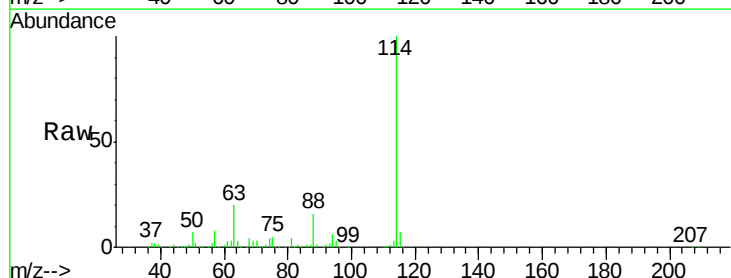
Instrument :
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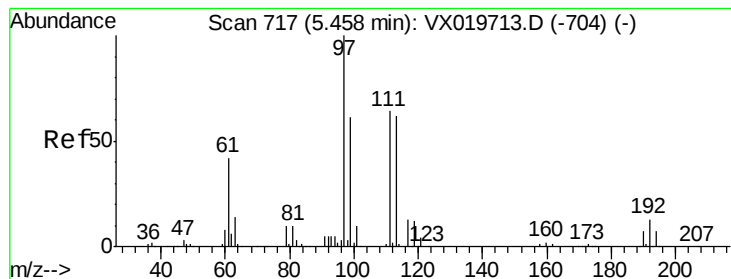
Tgt Ion: 65 Resp: 194588
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

Tgt Ion: 114 Resp: 504959
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.135 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-BOLLARDS-0-6

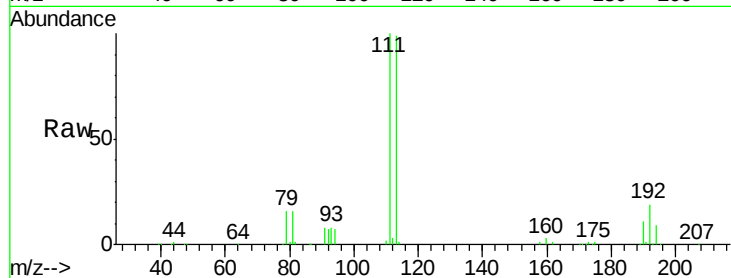
Tgt Ion:113 Resp: 157088

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

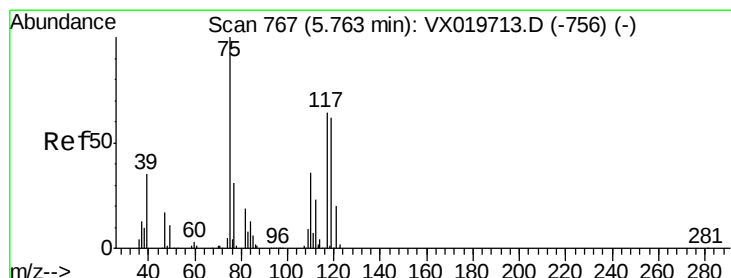
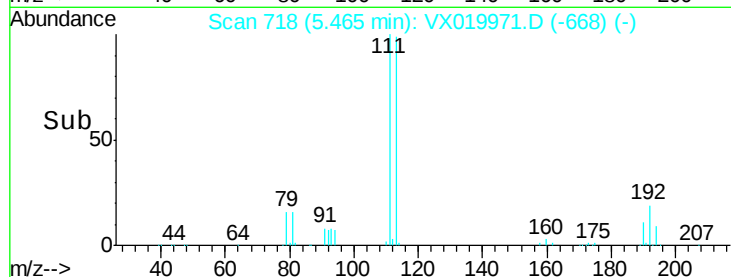
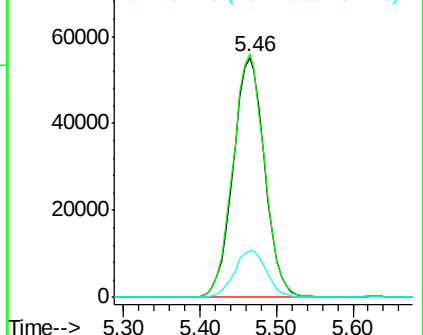
192 20.1 16.7 25.1



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



#36

1,1-Dichloropropene

Concen: 4.947 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

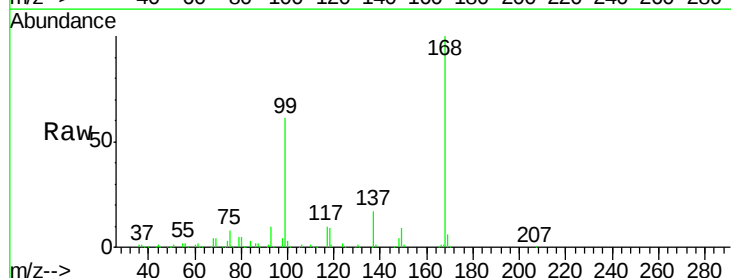
Tgt Ion: 75 Resp: 22574

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

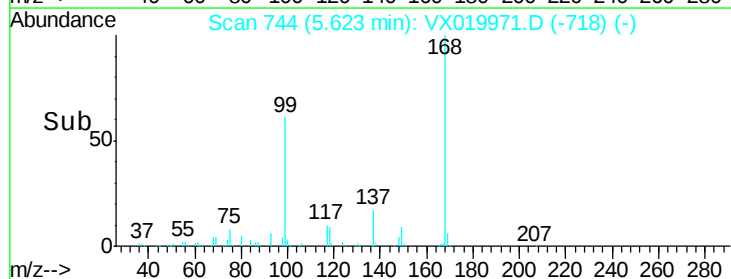
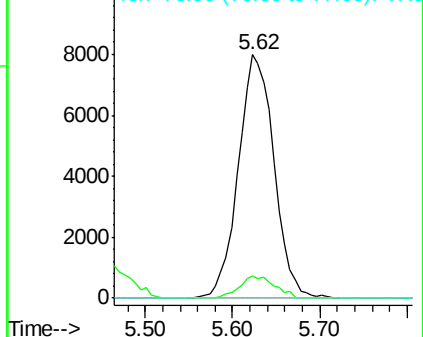
77 0.0 25.3 37.9#

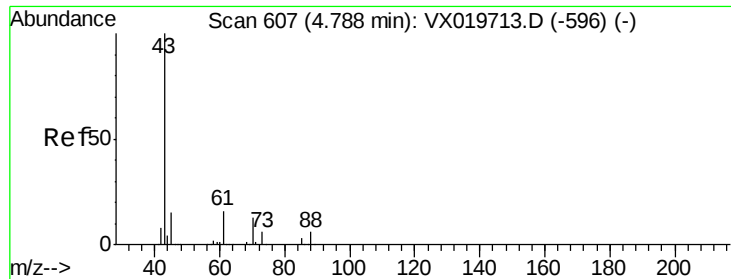


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

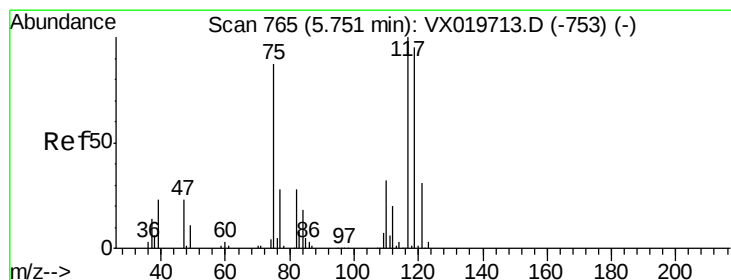
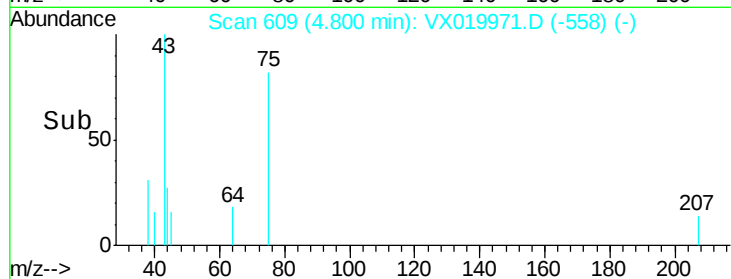
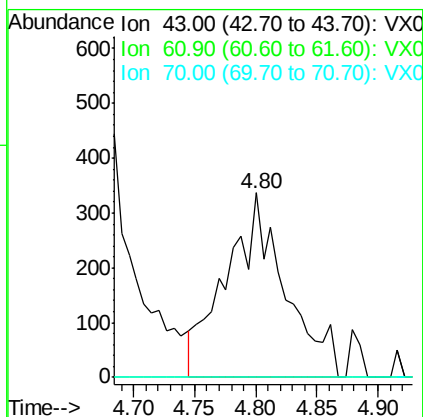
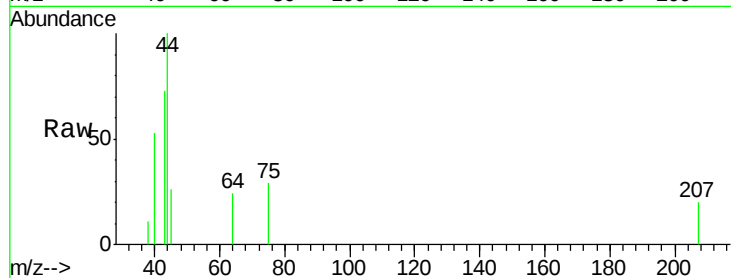




#37
Ethyl Acetate
Concen: 0.244 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019971.D
Acq: 13 Dec 2020 07:08

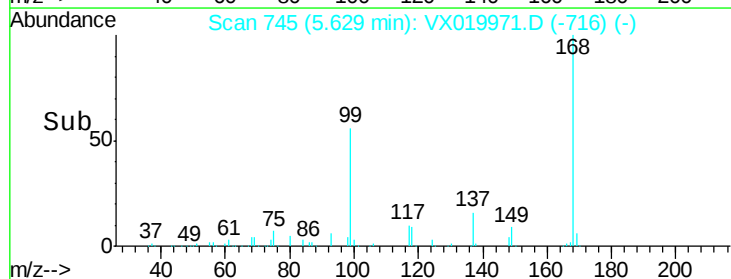
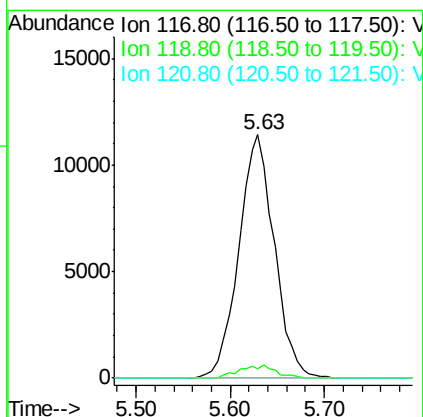
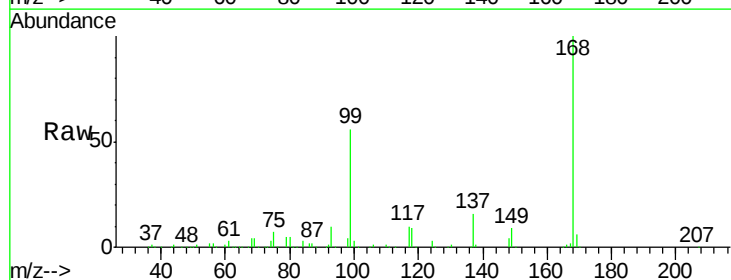
Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

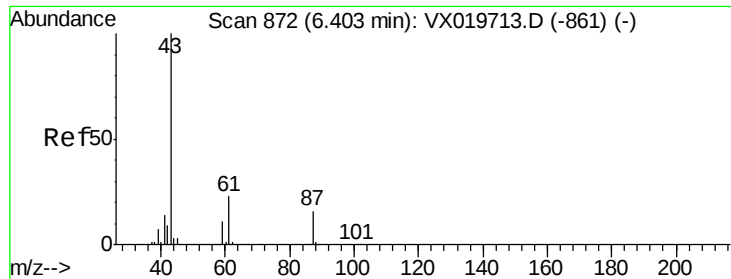
Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019971.D
Acq: 13 Dec 2020 07:08

Tgt Ion: 117 Resp: 29856
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 3.456 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-BOLLARDS-0-6

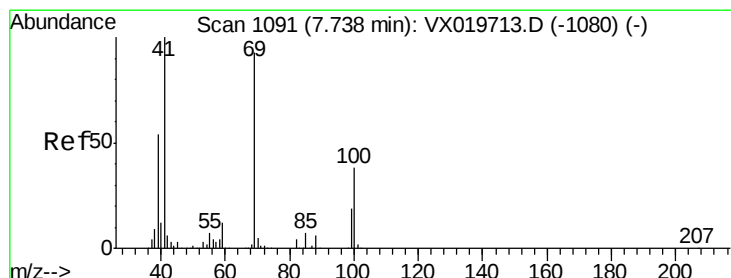
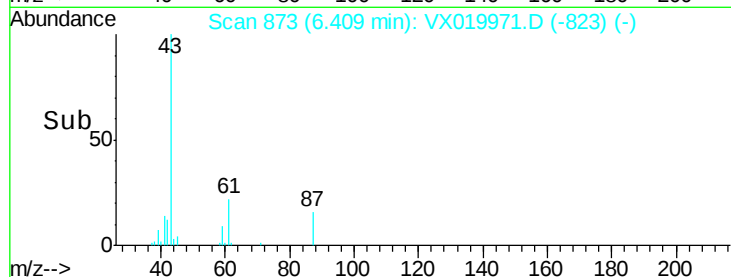
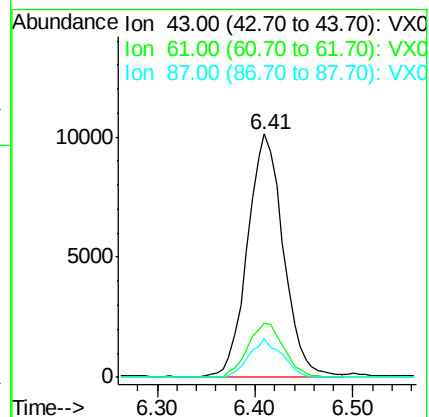
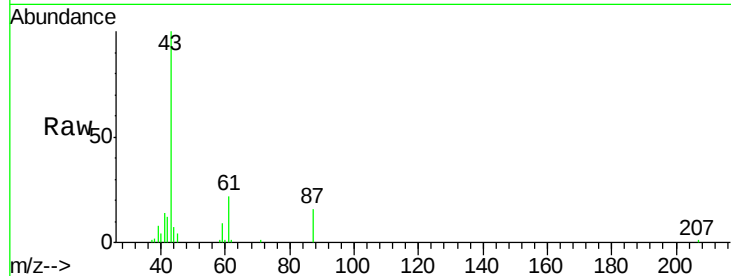
Tgt Ion: 43 Resp: 25883

Ion Ratio Lower Upper

43 100

61 22.3 18.2 27.4

87 14.5 12.5 18.7



#48

Methyl methacrylate

Concen: 1.969 ug/l

RT: 7.65 min Scan# 1076

Delta R.T. -0.09 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

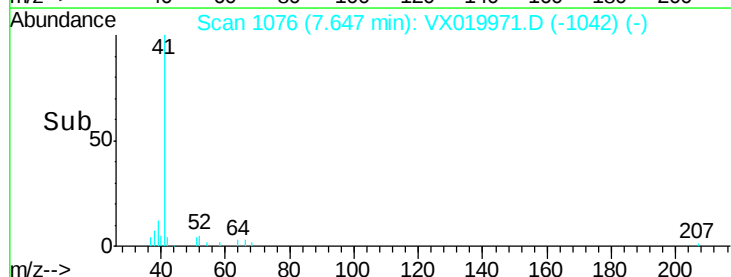
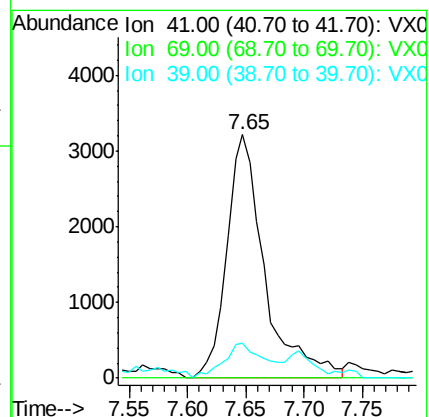
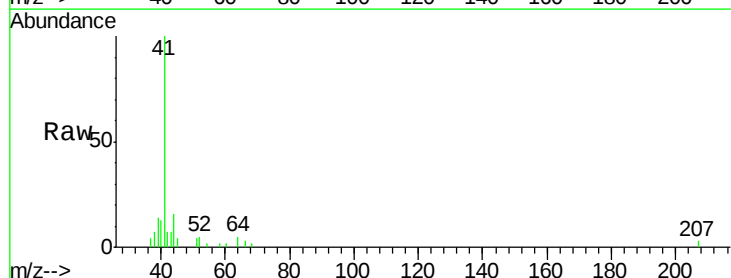
Tgt Ion: 41 Resp: 7253

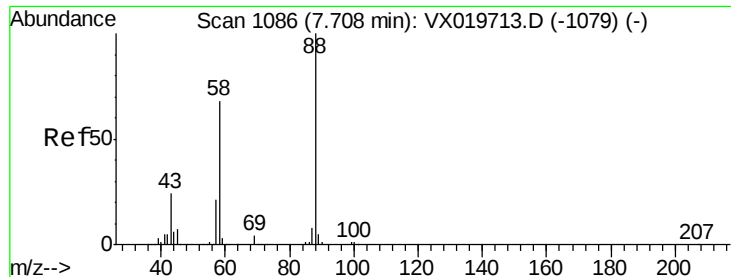
Ion Ratio Lower Upper

41 100

69 0.0 76.0 114.0#

39 0.0 44.6 67.0#





#49

1,4-Dioxane

Concen: 2.152 ug/l

RT: 7.84 min Scan# 1108

Delta R.T. 0.13 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-BOLLARDS-0-6

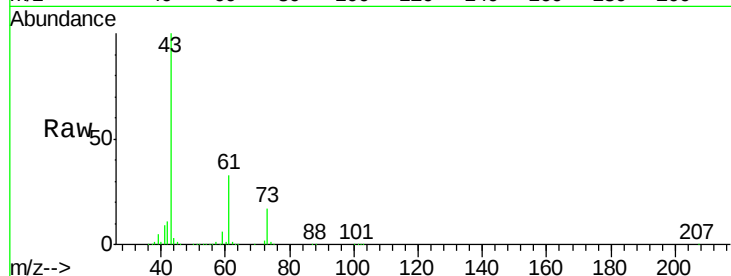
Tgt Ion: 88 Resp: 192

Ion Ratio Lower Upper

88 100

43 695634.4 23.2 34.8#

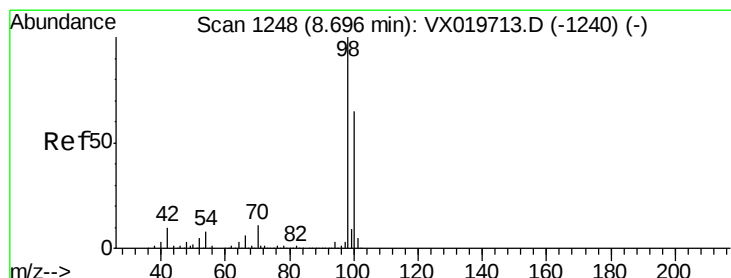
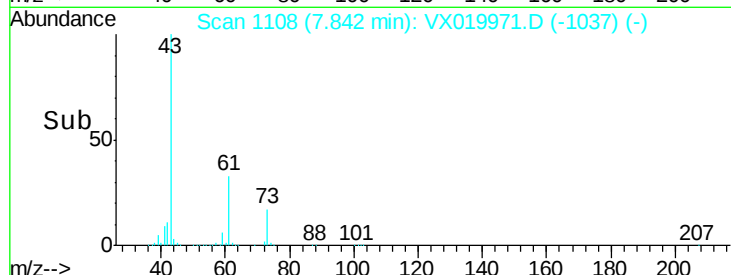
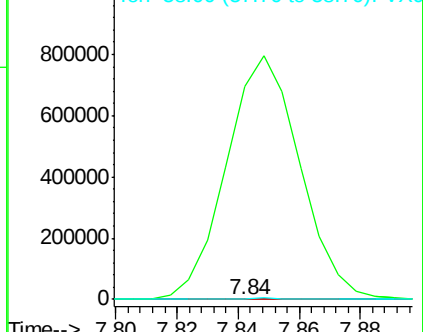
58 3525.5 55.0 82.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.392 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019971.D

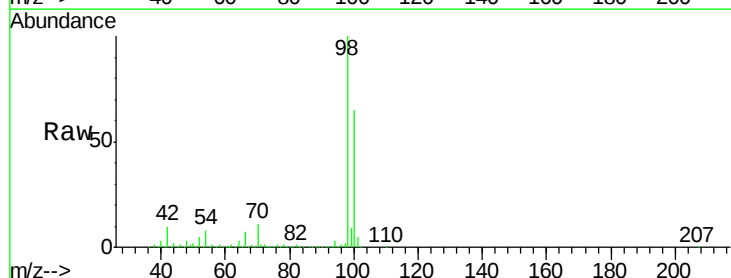
Acq: 13 Dec 2020 07:08

Tgt Ion: 98 Resp: 627845

Ion Ratio Lower Upper

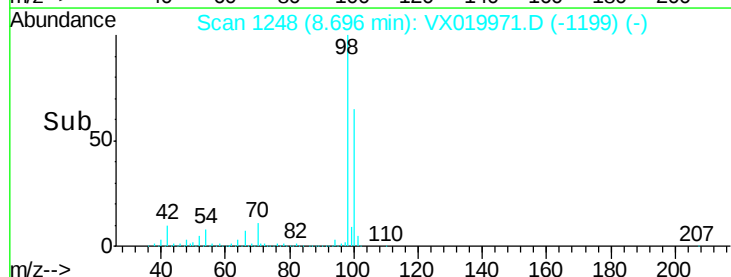
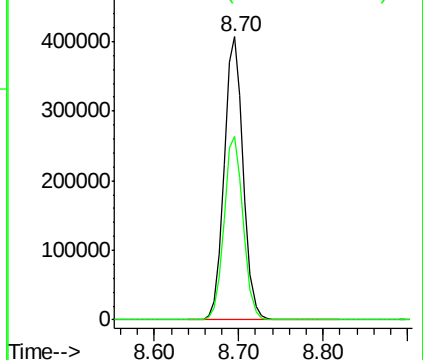
98 100

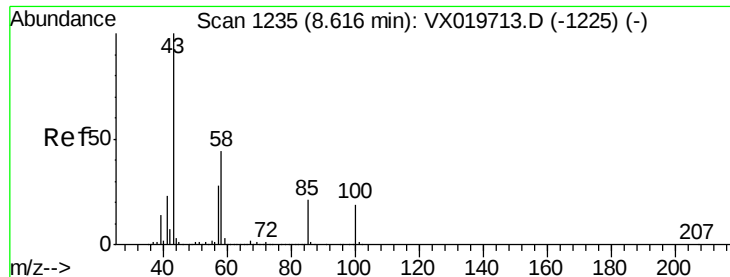
100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

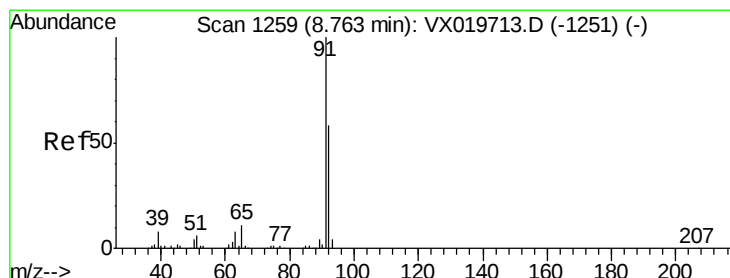
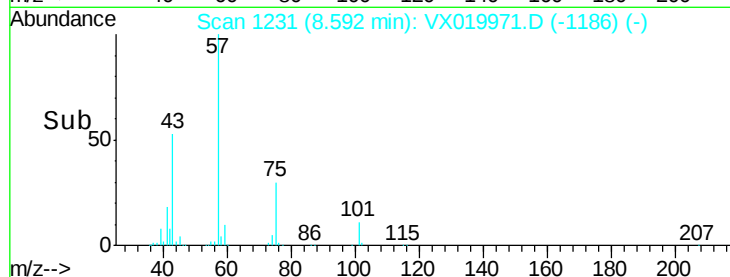
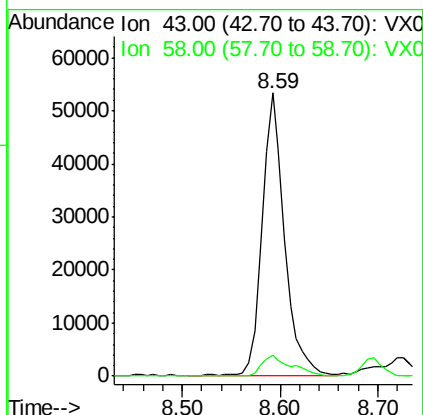
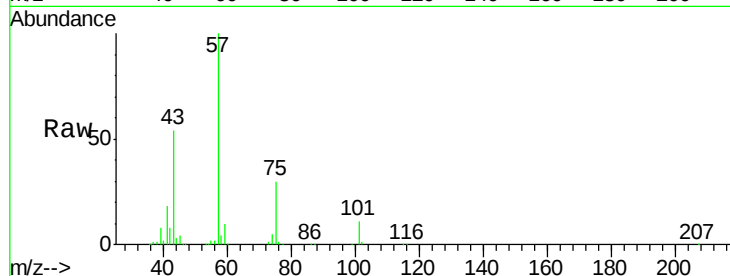




#51
 4-Methyl-2-Pentanone
 Concen: 18.424 ug/l
 RT: 8.59 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

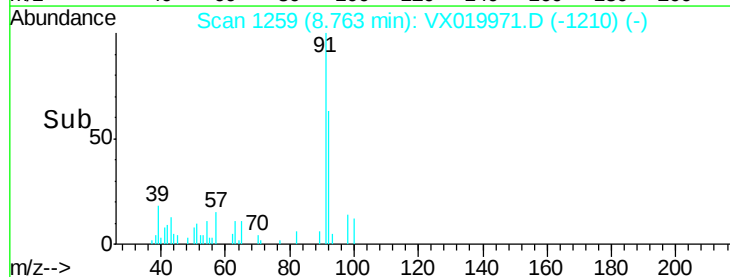
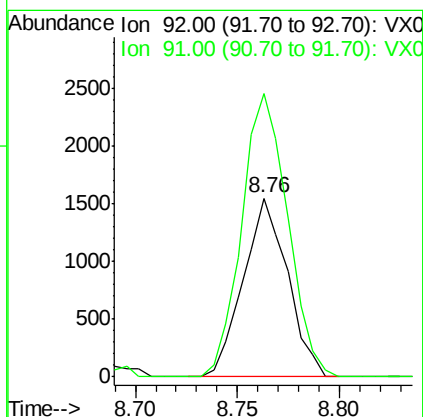
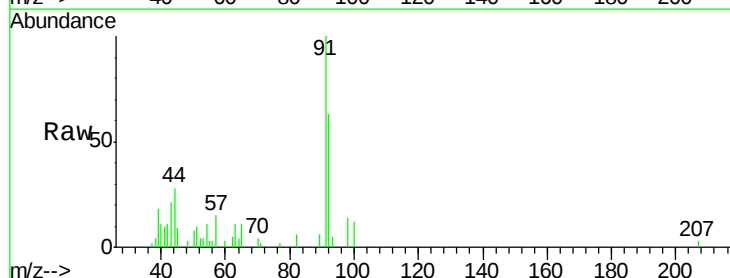
Instrument :
 MSVOA_X
 ClientSampleId :
 JBD-WC-S-BOLLARDS-0-6

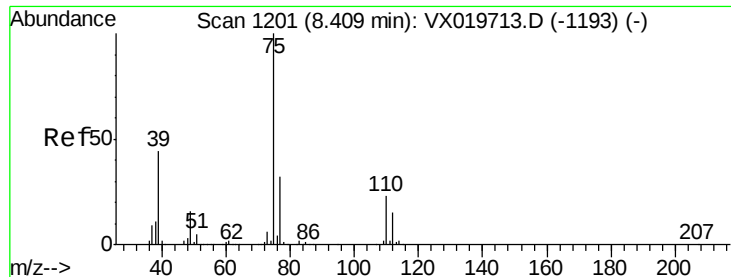
Tgt Ion: 43 Resp: 84254
 Ion Ratio Lower Upper
 43 100
 58 9.9 35.4 53.0#



#52
 Toluene
 Concen: 0.269 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

Tgt Ion: 92 Resp: 2341
 Ion Ratio Lower Upper
 92 100
 91 164.2 137.1 205.7



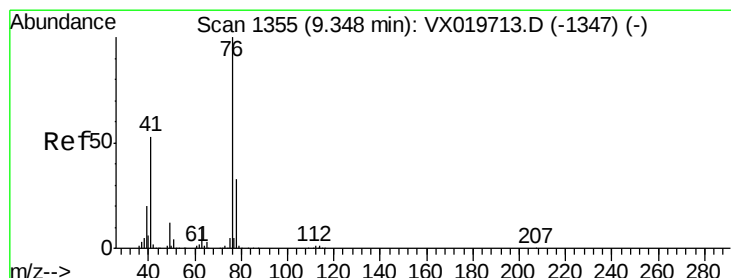
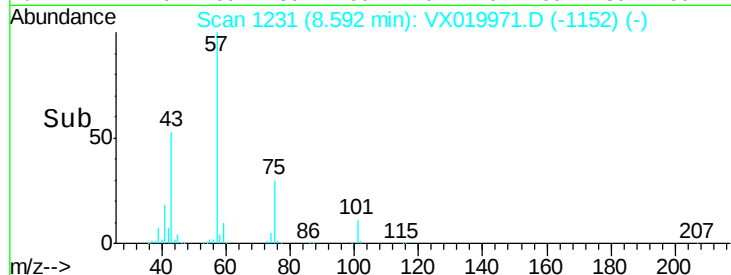
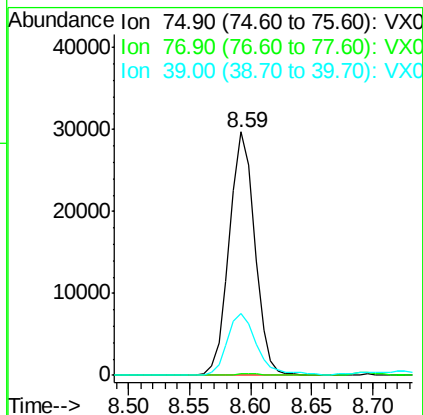
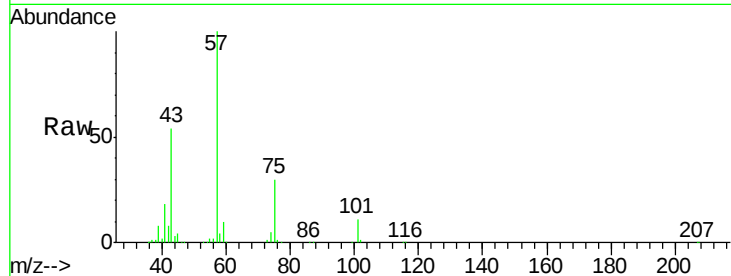


#54

cis-1,3-Dichloropropene
 Concen: 7.633 ug/l
 RT: 8.59 min Scan# 1231
 Delta R.T. 0.18 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

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

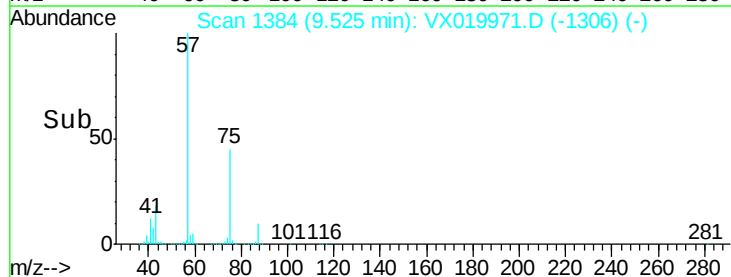
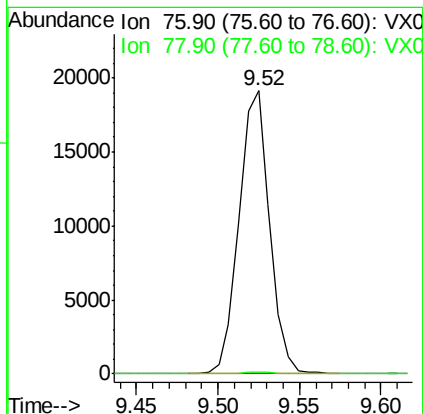
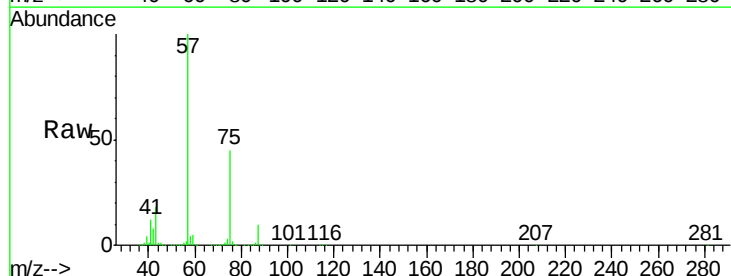
Tgt Ion: 75 Resp: 42955
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 25.0 35.1 52.7#

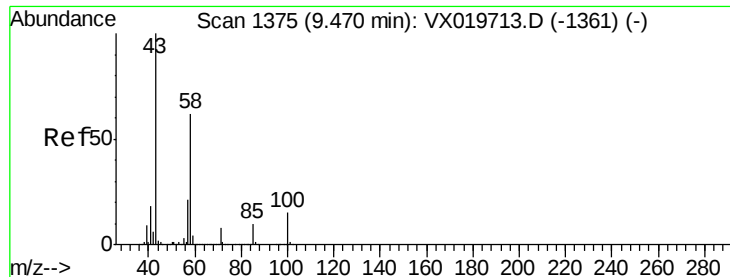


#57

1,3-Dichloropropane
 Concen: 4.142 ug/l
 RT: 9.52 min Scan# 1384
 Delta R.T. 0.18 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

Tgt Ion: 76 Resp: 24848
 Ion Ratio Lower Upper
 76 100
 78 0.5 26.2 39.2#

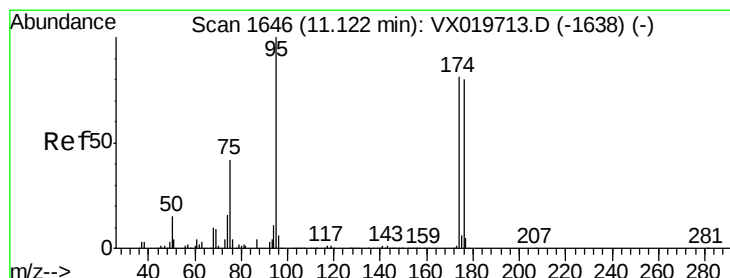
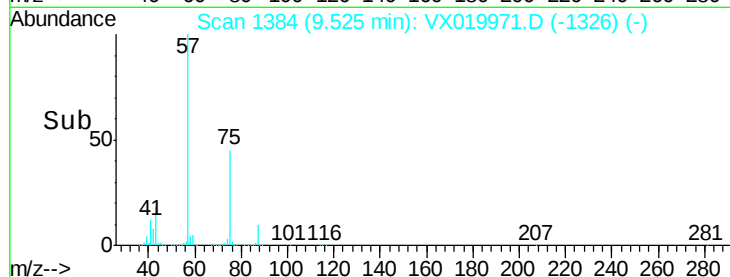
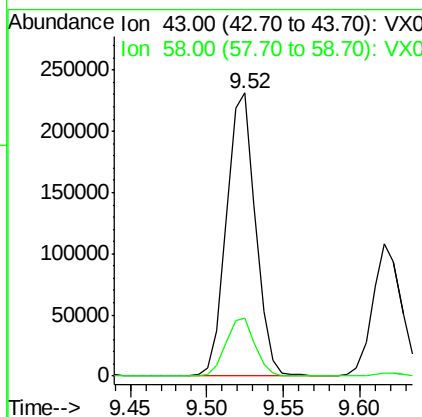
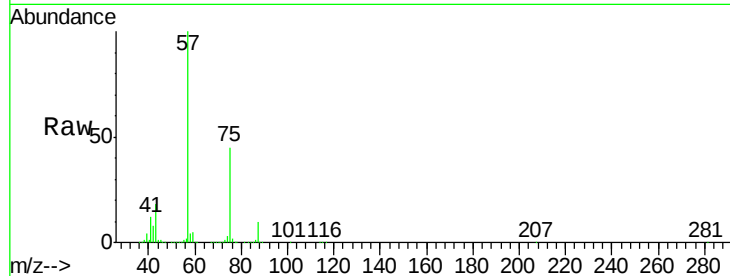




#59
2-Hexanone
Concen: 85.394 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019971.D
Acq: 13 Dec 2020 07:08

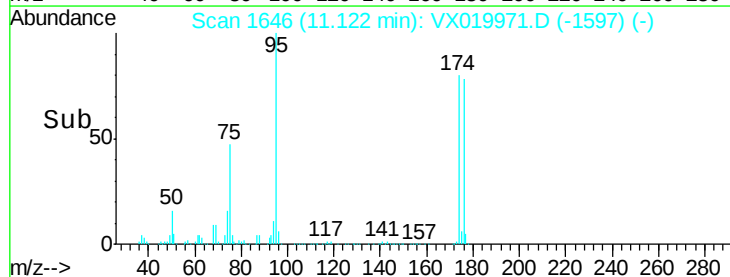
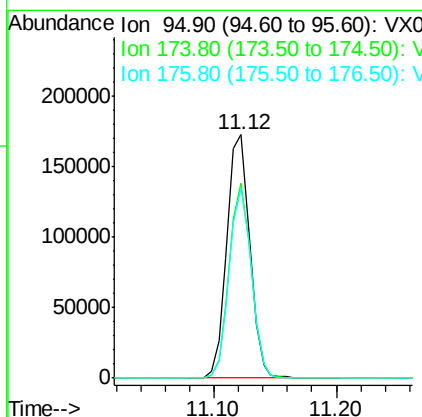
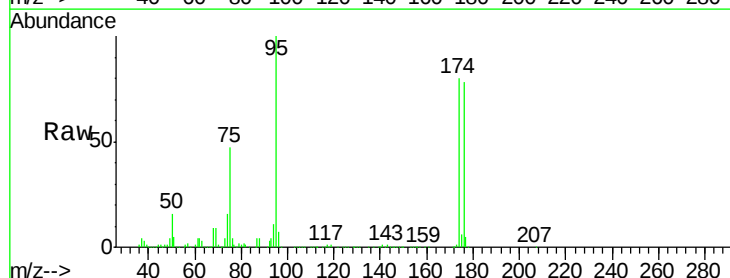
Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

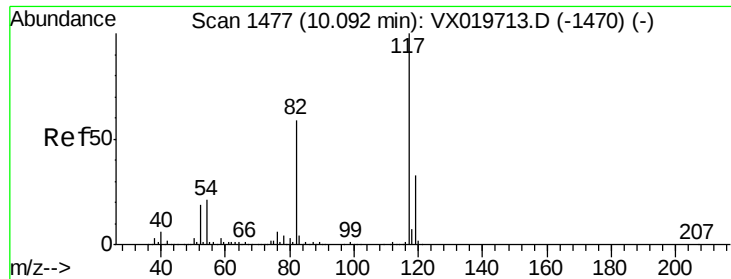
Tgt Ion: 43 Resp: 302695
Ion Ratio Lower Upper
43 100
58 20.8 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.169 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019971.D
Acq: 13 Dec 2020 07:08

Tgt Ion: 95 Resp: 223682
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 75.0 0.0 155.8

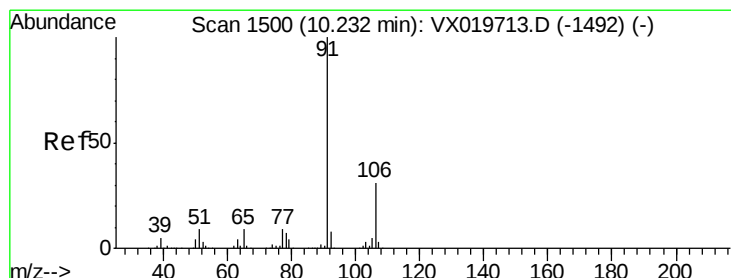
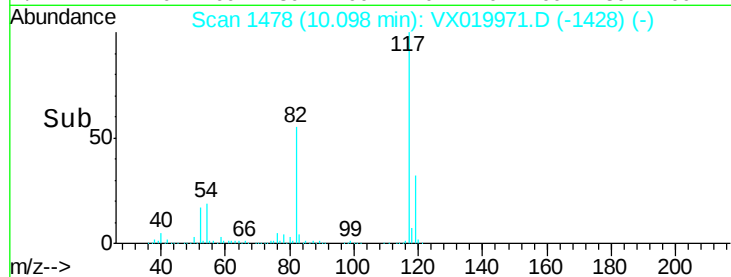
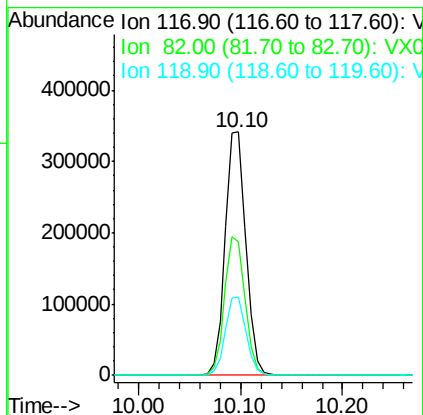
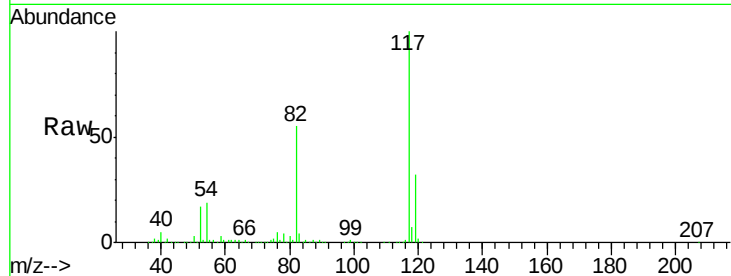




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019971.D
Acq: 13 Dec 2020 07:08

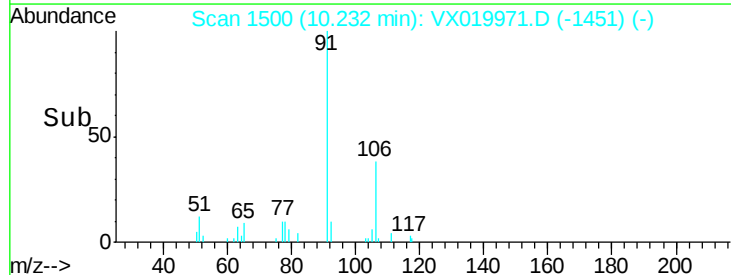
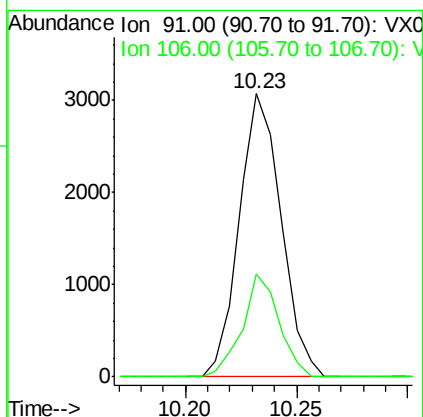
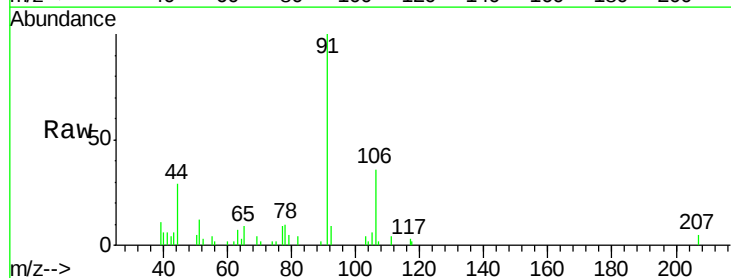
Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

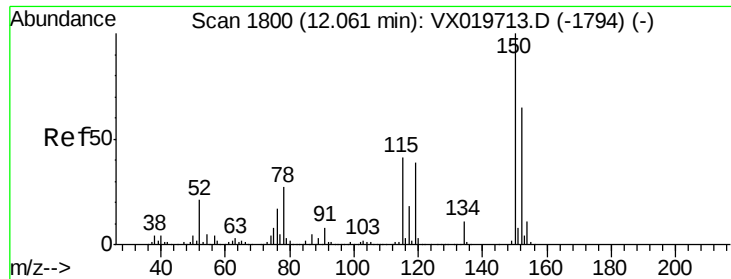
Tgt Ion: 117 Resp: 478377
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.2 26.6 39.8



#67
Ethyl Benzene
Concen: 0.238 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019971.D
Acq: 13 Dec 2020 07:08

Tgt Ion: 91 Resp: 4031
Ion Ratio Lower Upper
91 100
106 36.5 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-BOLLARDS-0-6

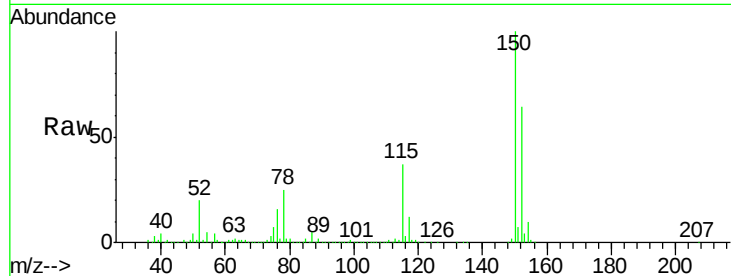
Tgt Ion:152 Resp: 217646

Ion Ratio Lower Upper

152 100

115 59.2 41.1 123.3

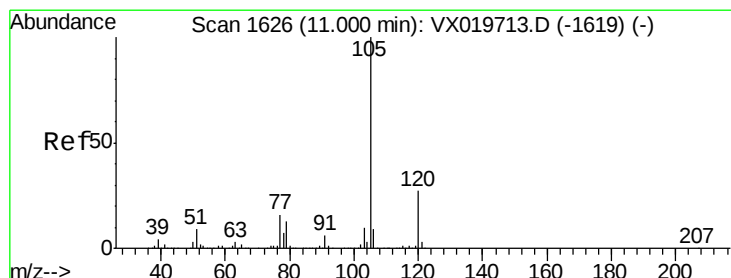
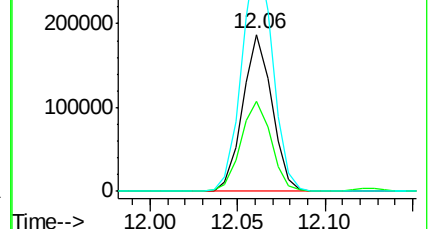
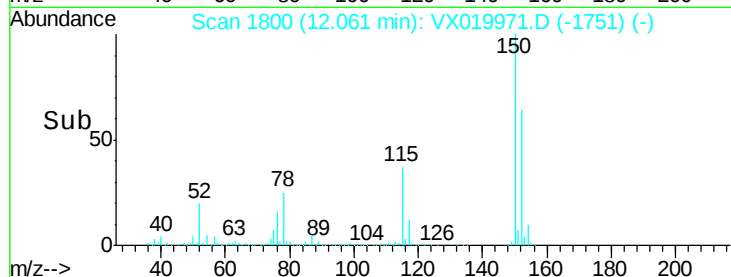
150 156.9 0.0 349.0



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



#73

Isopropylbenzene

Concen: 0.605 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019971.D

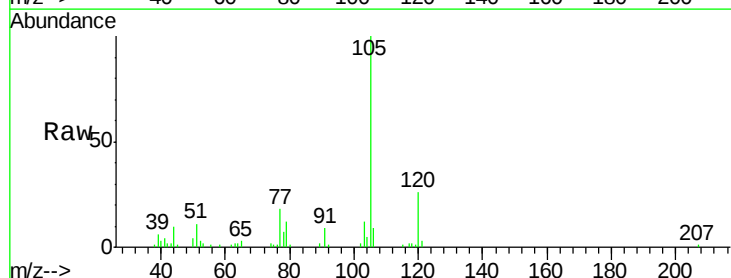
Acq: 13 Dec 2020 07:08

Tgt Ion:105 Resp: 9003

Ion Ratio Lower Upper

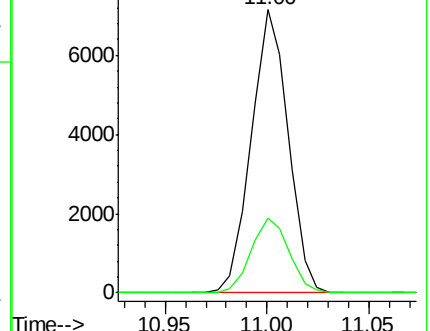
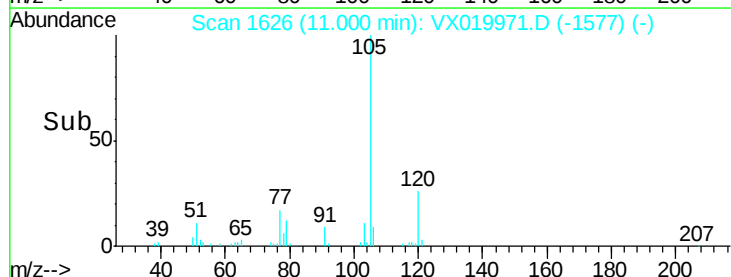
105 100

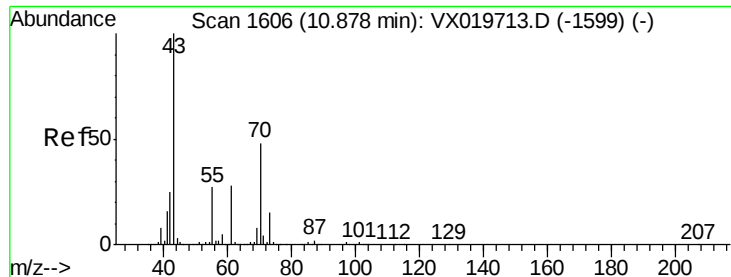
120 26.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.223 ug/l

RT: 10.81 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-BOLLARDS-0-6

Tgt Ion: 43 Resp: 1328

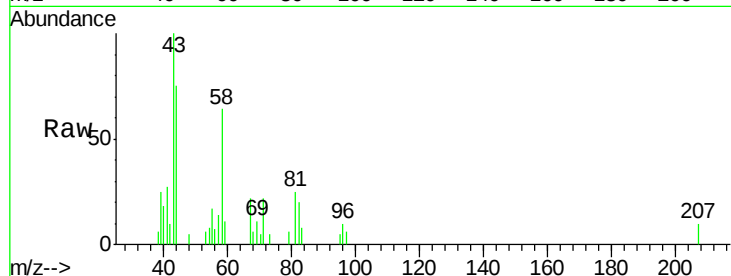
Ion Ratio Lower Upper

43 100

70 0.0 39.0 58.6#

55 36.6 21.5 32.3#

61 0.0 22.1 33.1#

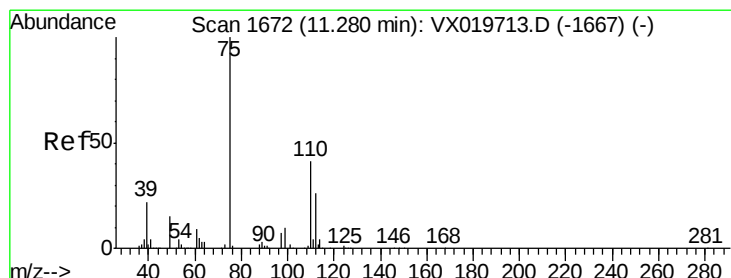
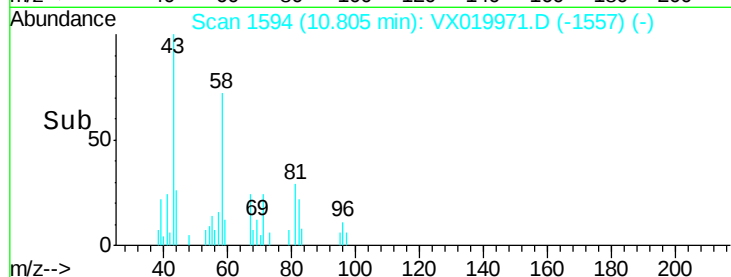
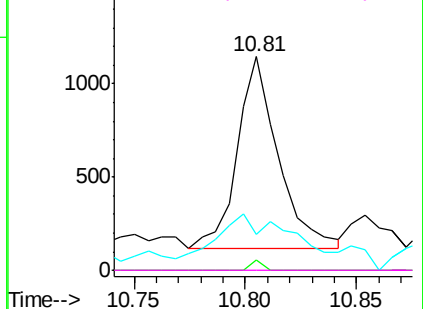


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 21.922 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.16 min

Lab File: VX019971.D

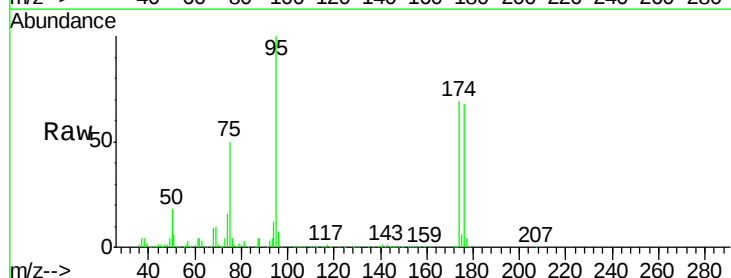
Acq: 13 Dec 2020 07:08

Tgt Ion: 75 Resp: 107010

Ion Ratio Lower Upper

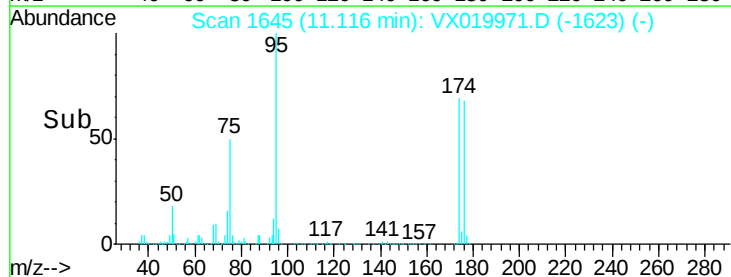
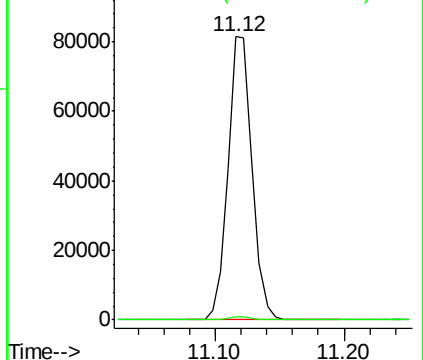
75 100

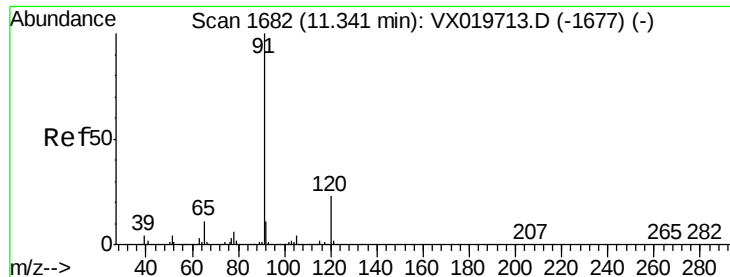
77 1.2 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.943 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

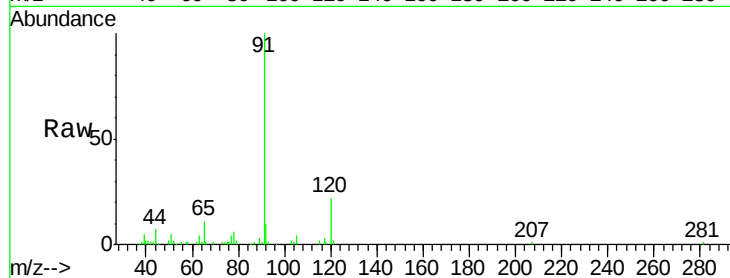
JBD-WC-S-BOLLARDS-0-6

Tgt Ion: 91 Resp: 16012

Ion Ratio Lower Upper

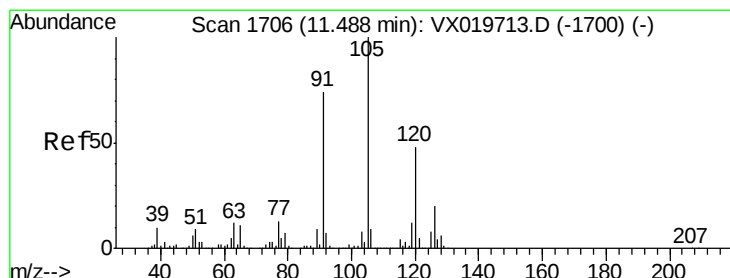
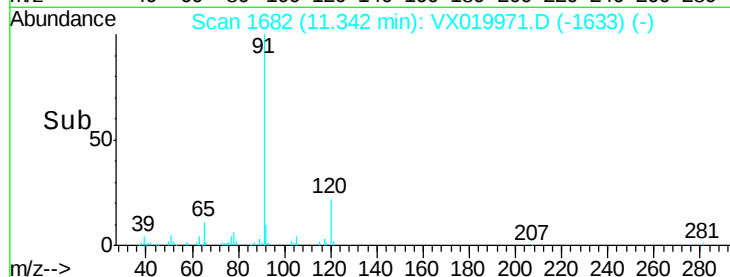
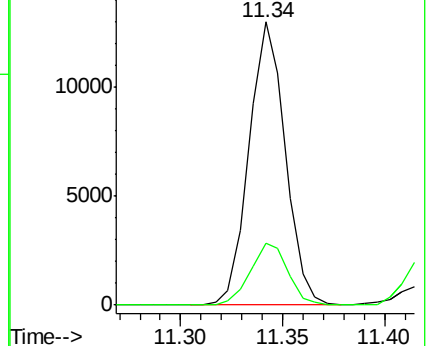
91 100

120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 2.591 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019971.D

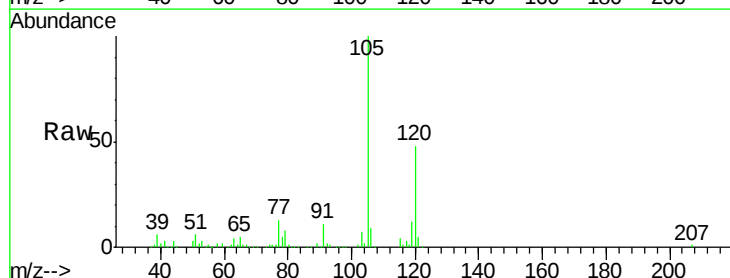
Acq: 13 Dec 2020 07:08

Tgt Ion: 105 Resp: 32511

Ion Ratio Lower Upper

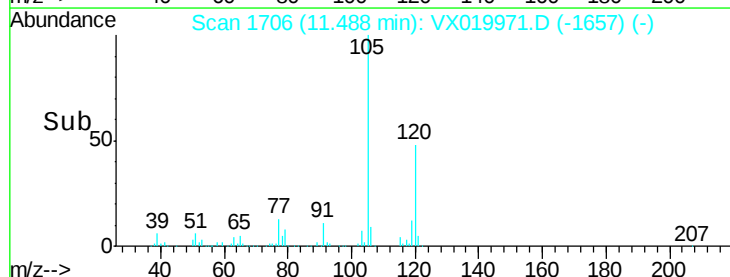
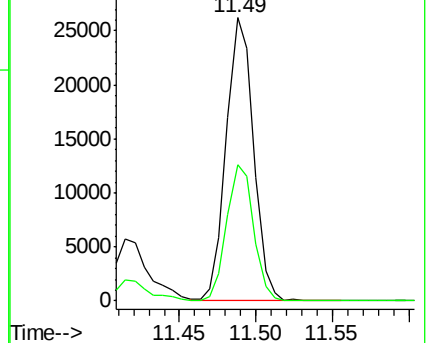
105 100

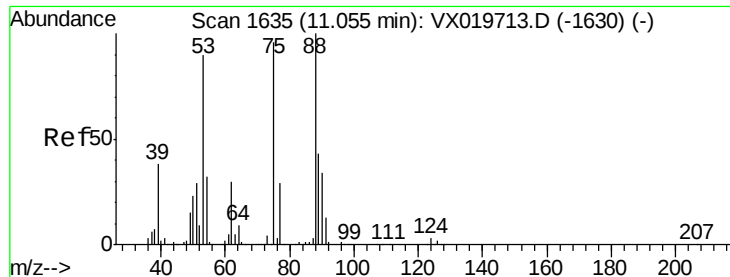
120 47.5 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 63.372 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. 0.06 min

Lab File: VX019971.D

Acq: 13 Dec 2020 07:08

Instrument :

MSVOA_X

ClientSampleId :

JBD-WC-S-BOLLARDS-0-6

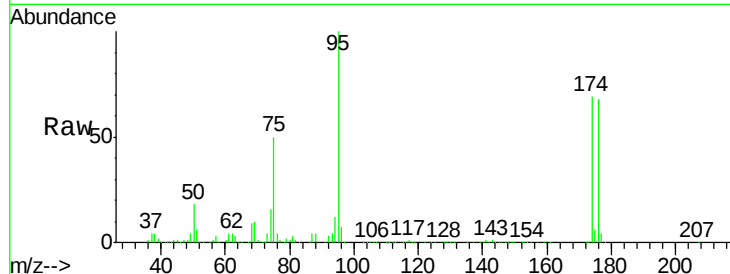
Tgt Ion: 75 Resp: 107010

Ion Ratio Lower Upper

75 100

53 0.1 74.5 111.7#

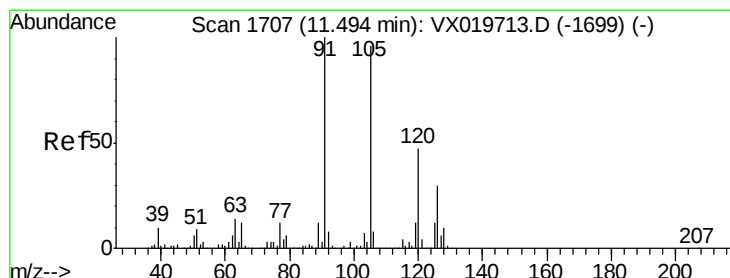
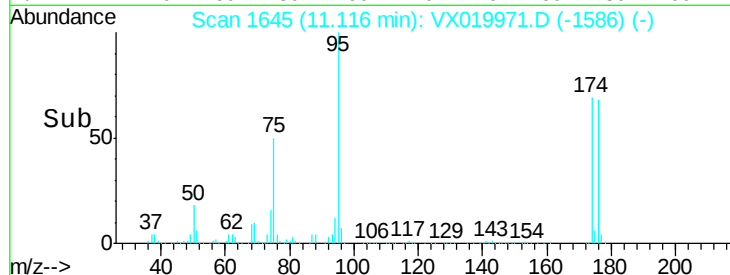
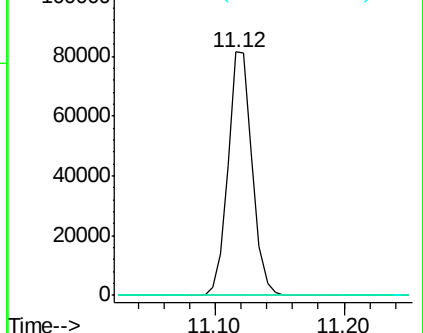
89 0.0 37.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.299 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX019971.D

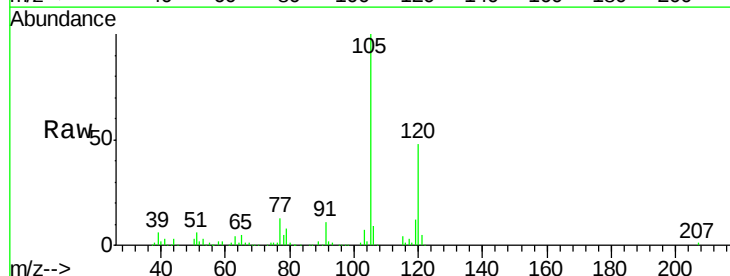
Acq: 13 Dec 2020 07:08

Tgt Ion: 91 Resp: 3659

Ion Ratio Lower Upper

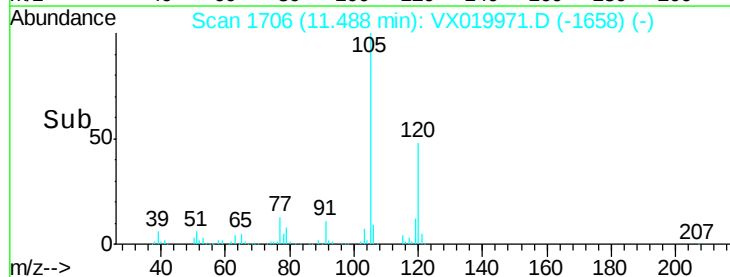
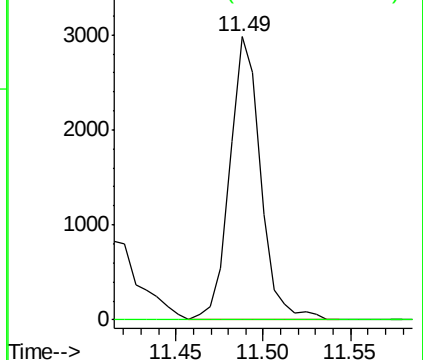
91 100

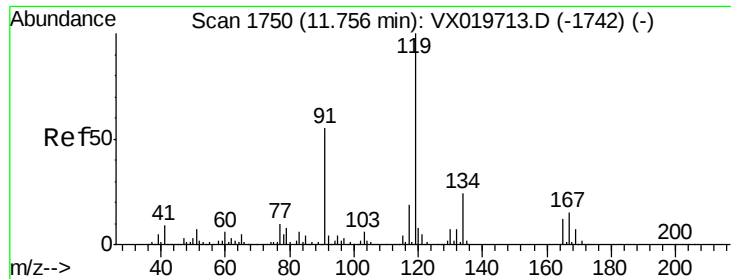
126 0.0 14.9 44.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

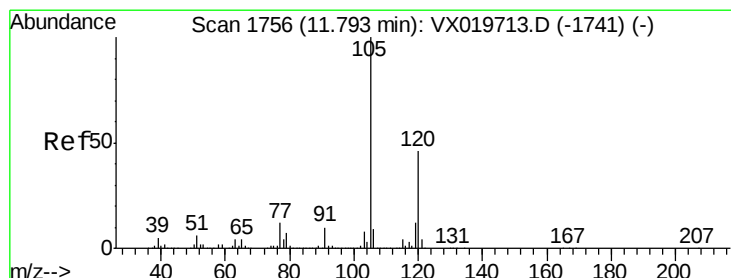
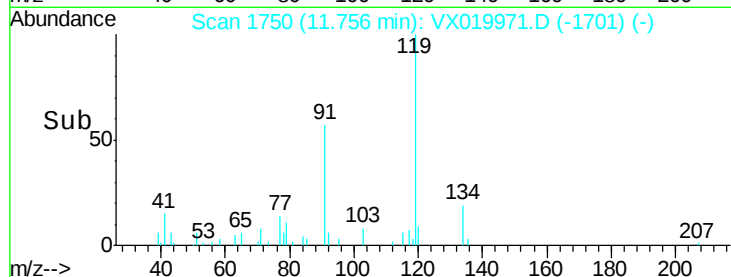
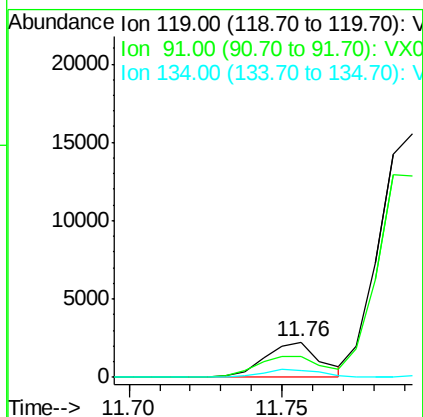
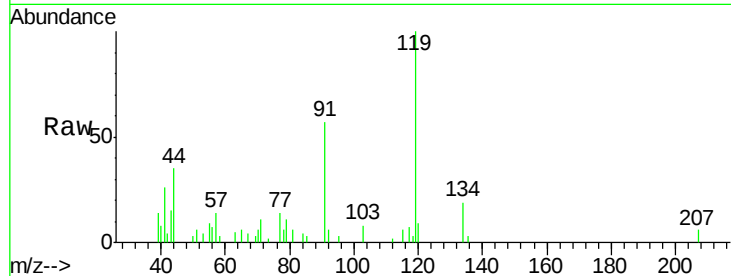




#83
 tert-Butylbenzene
 Concen: 0.225 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

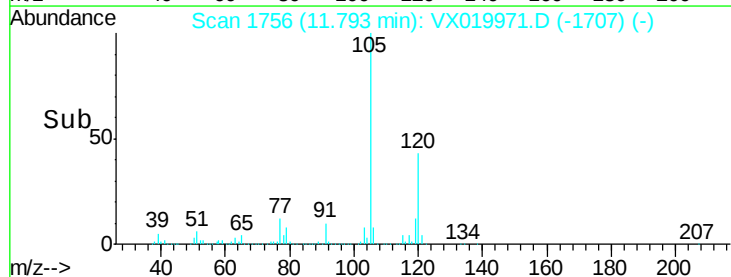
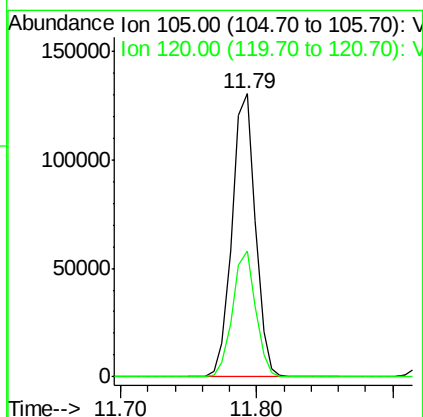
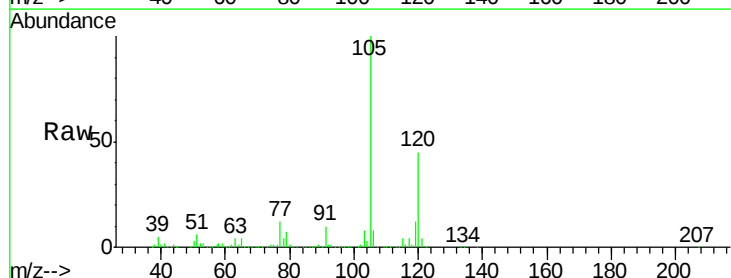
Instrument :
 MSVOA_X
 ClientSampleId :
 JBD-WC-S-BOLLARDS-0-6

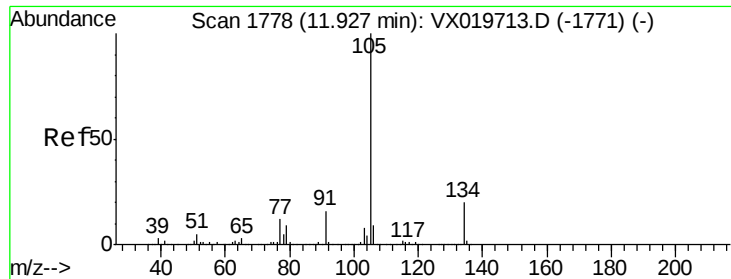
Tgt Ion:119 Resp: 2774
 Ion Ratio Lower Upper
 119 100
 91 72.5 27.9 83.7
 134 23.8 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 12.326 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

Tgt Ion:105 Resp: 155820
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3

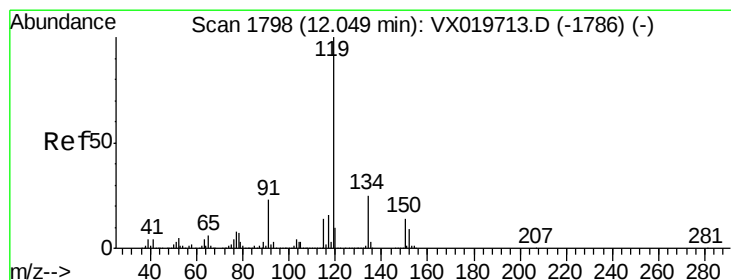
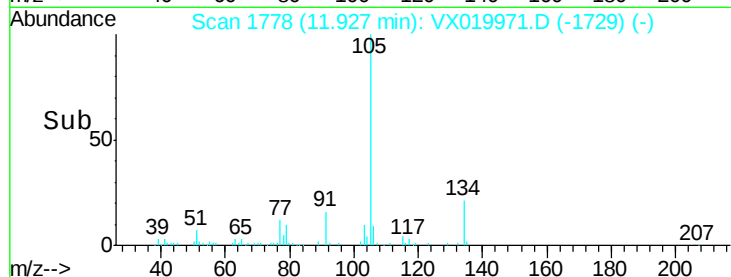
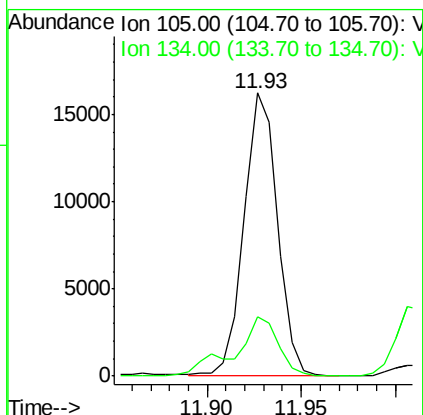
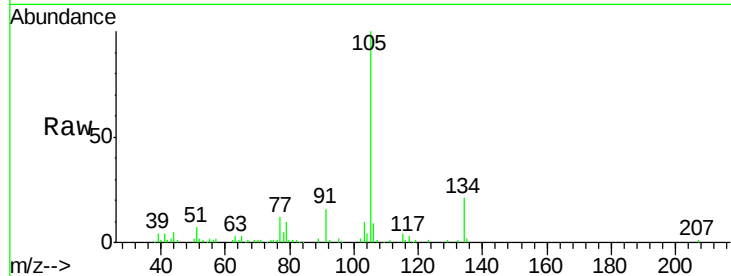




#85
 sec-Butylbenzene
 Concen: 1.426 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

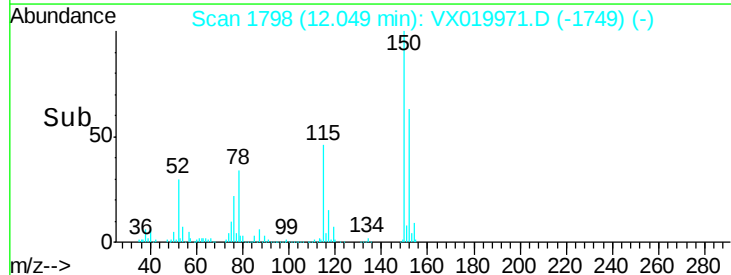
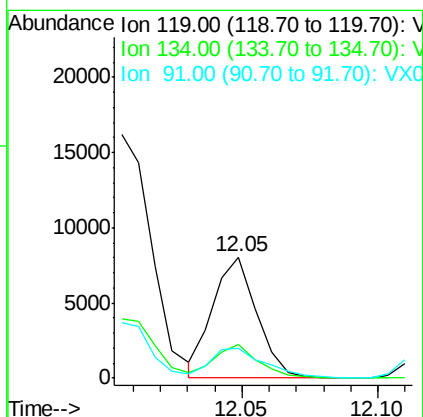
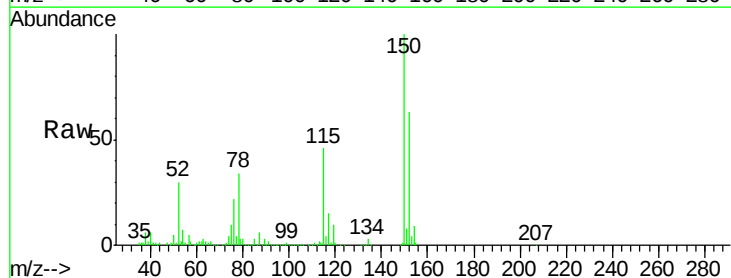
Instrument :
 MSVOA_X
 ClientSampleId :
 JBD-WC-S-BOLLARDS-0-6

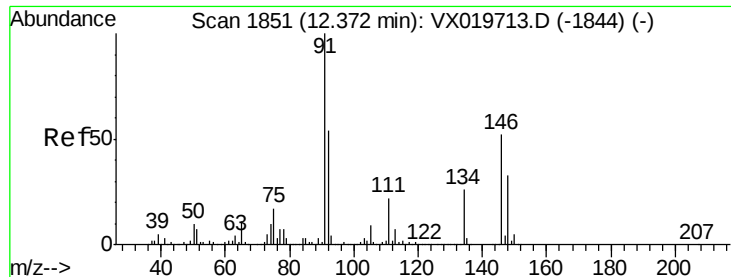
Tgt Ion:105 Resp: 20040
 Ion Ratio Lower Upper
 105 100
 134 27.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 0.705 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

Tgt Ion:119 Resp: 9081
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.9 38.7
 91 30.4 11.7 35.0

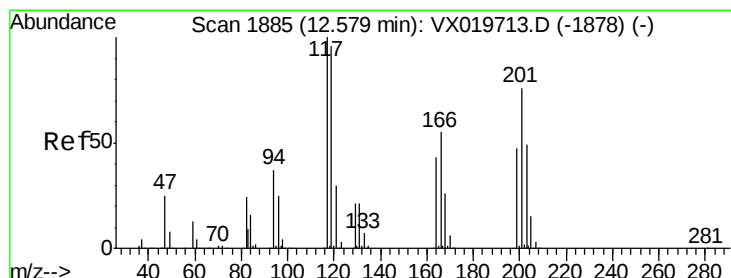
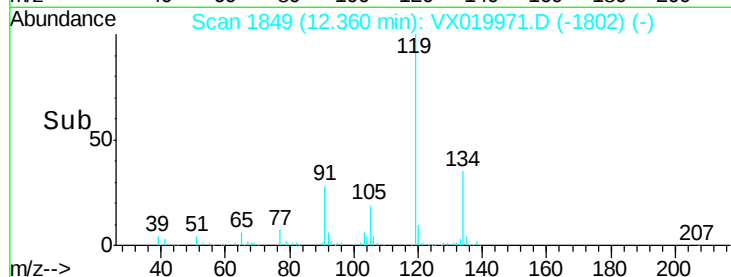
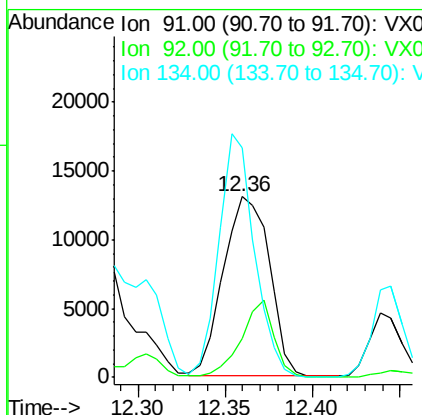
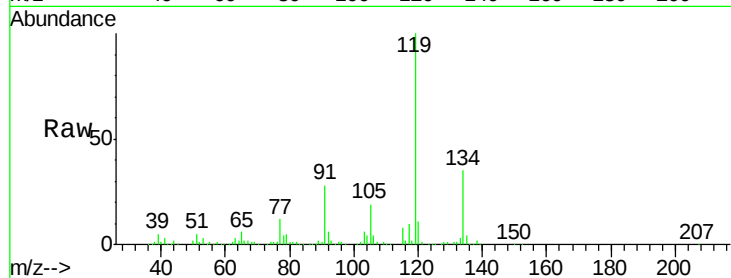




#89
n-Butylbenzene
Concen: 2.096 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX019971.D
Acq: 13 Dec 2020 07:08

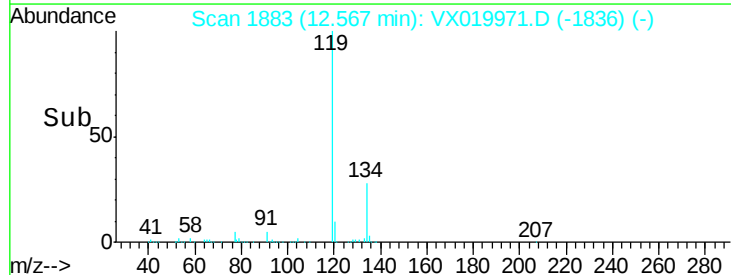
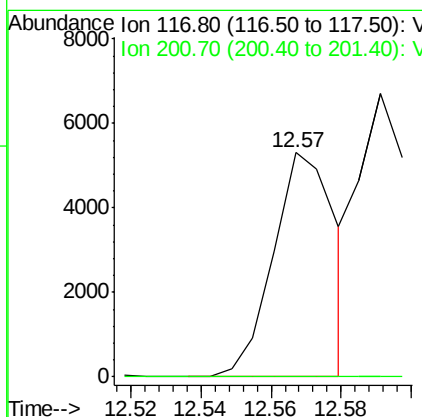
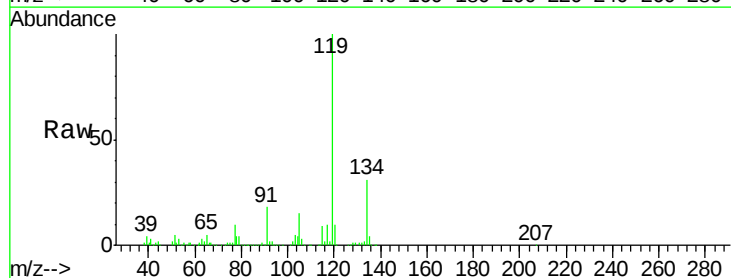
Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

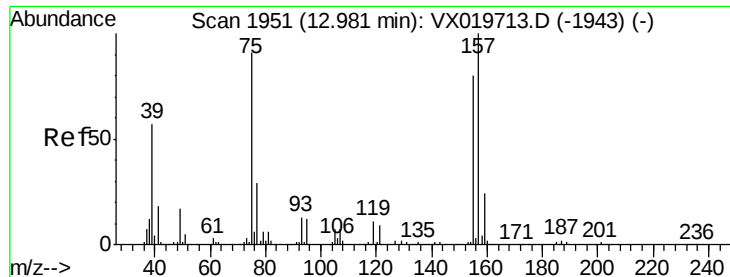
Tgt Ion: 91 Resp: 23912
Ion Ratio Lower Upper
91 100
92 30.7 27.4 82.0
134 105.0 13.2 39.5#



#90
Hexachloroethane
Concen: 2.941 ug/l
RT: 12.57 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX019971.D
Acq: 13 Dec 2020 07:08

Tgt Ion: 117 Resp: 6540
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

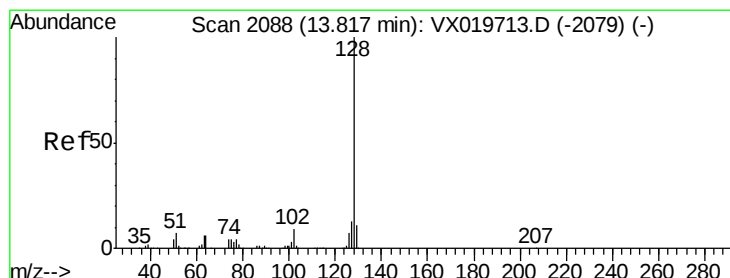
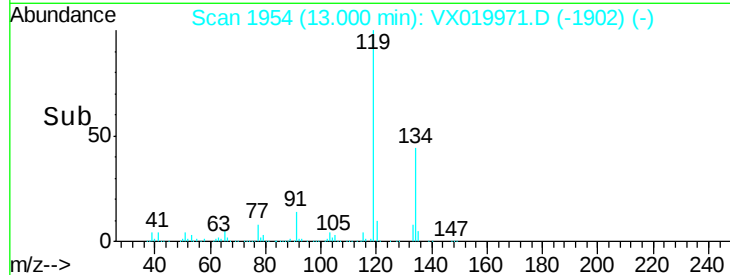
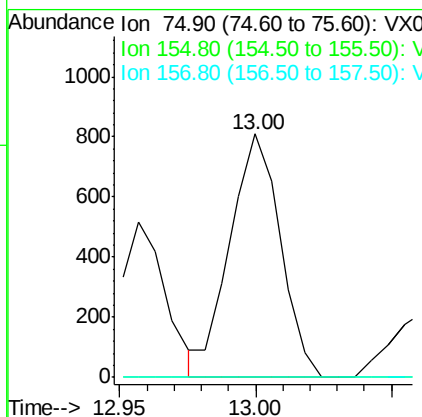
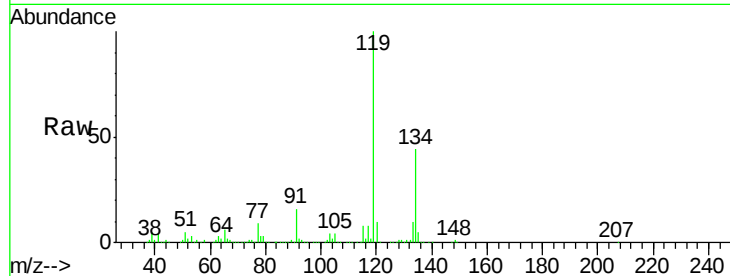




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.924 ug/l
 RT: 13.00 min Scan# 1954
 Delta R.T. 0.02 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

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

Tgt Ion: 75 Resp: 1041
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.3 135.9#
 157 0.0 57.7 173.1#



#95
 Naphthalene
 Concen: 13.432 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX019971.D
 Acq: 13 Dec 2020 07:08

Tgt Ion: 128 Resp: 192987
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 12.6 8.8 13.2

