

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017897.D
 Acq On : 14 Aug 2020 14:04
 Operator : JC/SP
 Sample : L3697-02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0M9

Quant Time: Aug 17 01:30:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 01:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	292051	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	267608	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	147571	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	94157	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.69	69	77943	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.34	63	146103	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.54	46	238717	44.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.08%
24) Chloroform-d	5.14	84	188317	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	6.04	65	105098	4.67	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	6.06	84	367017	5.00	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	7.37	67	110172	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	8.70	98	339374	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	8.99	79	46517	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
48) 2-Hexanone-d5	9.43	63	194771	47.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	85302	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	143141	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Qvalue
3) Chloromethane	1.31	50	3126	0.113 ug/L #	72
5) Vinyl chloride	1.39	62	172073	6.256 ug/L	93
8) Chloroethane	1.72	64	416924	27.098 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	4737	0.196 ug/L #	82
12) 1,1-Dichloroethene	2.36	96	3402	0.152 ug/L #	1
13) Acetone	2.44	43	151033	38.571 ug/L	98
14) Carbon disulfide	2.55	76	23827	0.296 ug/L	96
15) Methyl Acetate	2.87	43	173719	15.048 ug/L #	50
17) Methyl tert-butyl Ether	3.17	73	5122	0.085 ug/L #	1
18) trans-1,2-Dichloroethene	3.14	96	7408	0.292 ug/L	85
19) 1,1-Dichloroethane	3.67	63	90953	2.007 ug/L	97
21) 2-Butanone	4.65	43	44790	6.623 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	803139	30.133 ug/L #	98
27) 1,2-Dichloroethane	6.13	62	541249	17.291 ug/L #	77
29) 1,1,1-Trichloroethane	5.47	97	5335	0.122 ug/L #	77
30) Cyclohexane	5.55	56	110446	2.900 ug/L	97
34) Trichloroethene	7.17	95	3690	0.133 ug/L #	30

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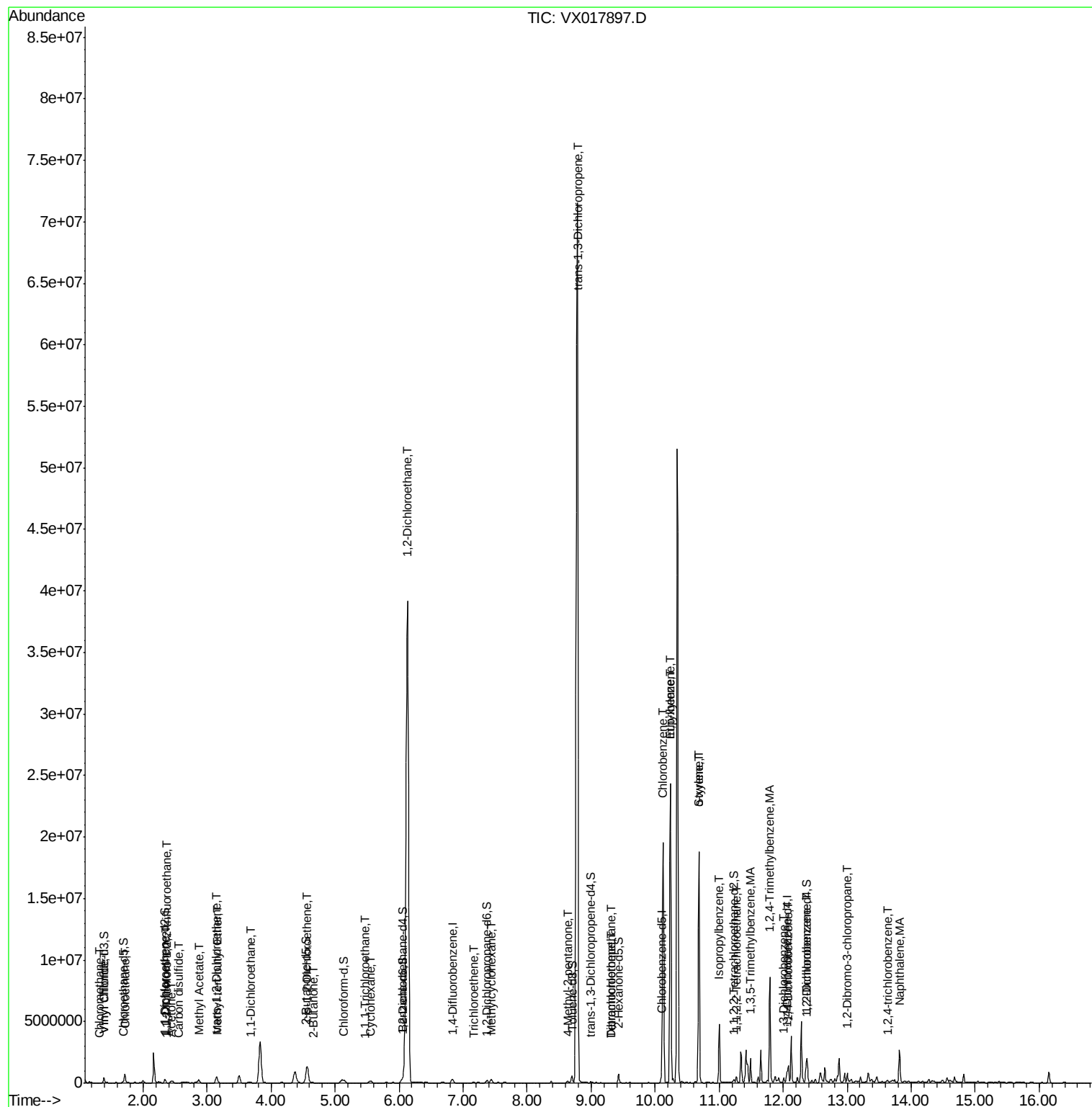
35) Methylcyclohexane	7.44	83	116967	3.009	ug/L	97
40) 4-Methyl-2-pentanone	8.63	43	99705	6.428	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	823802	8.776	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	3514145	36.760	ug/L	98
46) trans-1,3-Dichloropropene	8.79	75	620095	18.953	ug/L #	1
49) Tetrachloroethene	9.32	164	3750	0.169	ug/L	95
51) Dibromochloromethane	9.31	129	3835	0.156	ug/L #	15
53) Chlorobenzene	10.12	112	8334839	124.509	ug/L	96
54) Ethylbenzene	10.24	91	12735144	113.469	ug/L	83
55) m,p-xylene	10.24	106	4541315	105.970	ug/L	76
56) o-xylene	10.68	106	4022861	96.820	ug/L	96
57) Styrene	10.68	104	209812	2.986	ug/L #	1
58) Isopropylbenzene	11.01	105	2498319	22.463	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.27	83	7289	0.371	ug/L #	45
63) 1,3-Dichlorobenzene	12.01	146	73015	1.270	ug/L	95
64) 1,4-Dichlorobenzene	12.08	146	418683	7.323	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	539840	10.113	ug/L	98
67) 1,2-Dibromo-3-chloropropan	13.00	75	2502	0.539	ug/L #	6
69) 1,2,4-trichlorobenzene	13.63	180	6869	0.183	ug/L #	74
70) Naphthalene	13.82	128	1536946	22.267	ug/L	98

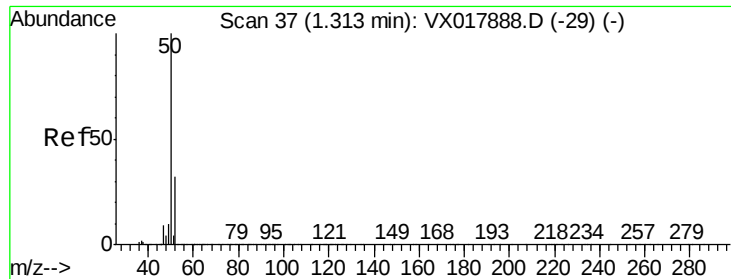
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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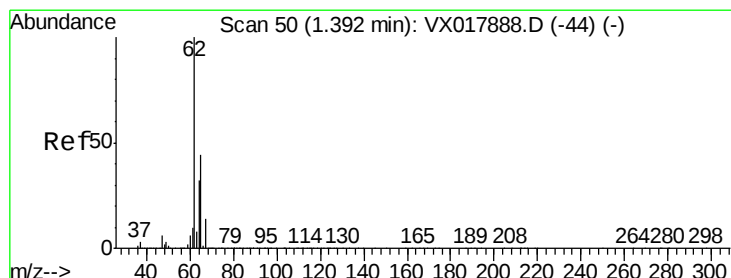
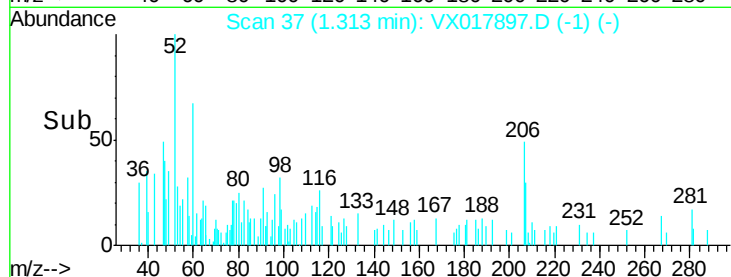
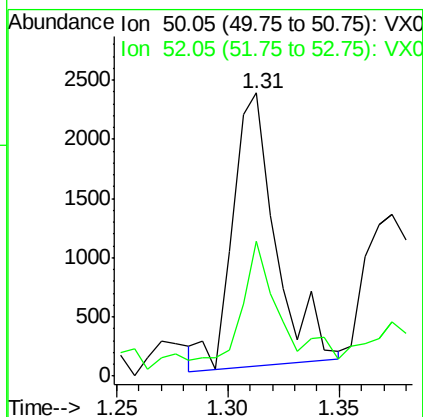
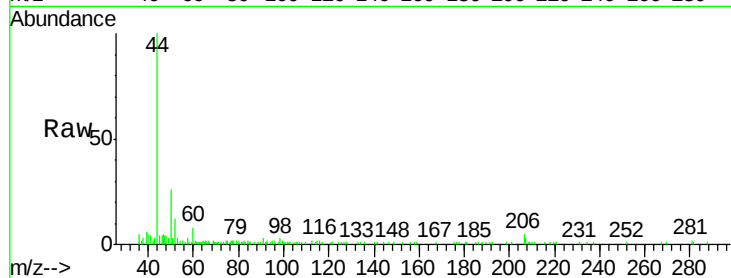




#3
Chloromethane
Concen: 0.113 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017897.D
Acq: 14 Aug 2020 14:04

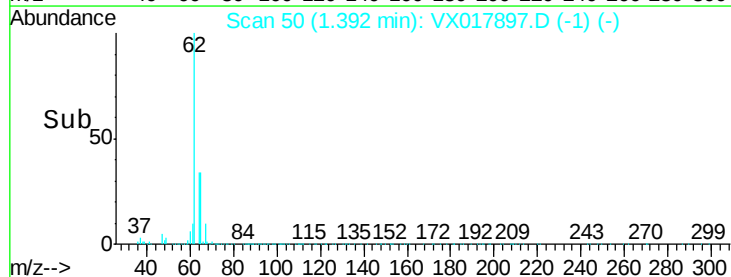
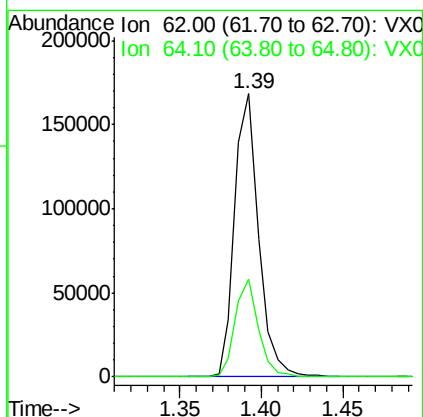
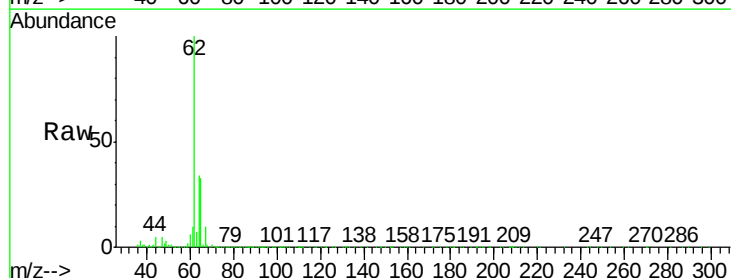
Instrument :
MSVOA_X
ClientSampled :
BG0M9

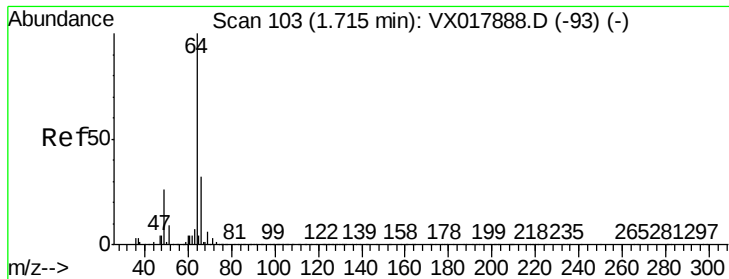
Tgt Ion: 50 Resp: 3126
Ion Ratio Lower Upper
50 100
52 47.8 22.5 41.9#



#5
Vinyl chloride
Concen: 6.256 ug/L
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017897.D
Acq: 14 Aug 2020 14:04

Tgt Ion: 62 Resp: 172073
Ion Ratio Lower Upper
62 100
64 34.5 21.3 39.6





#8

Chloroethane

Concen: 27.098 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

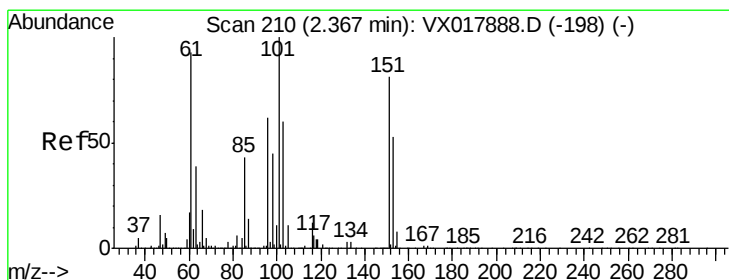
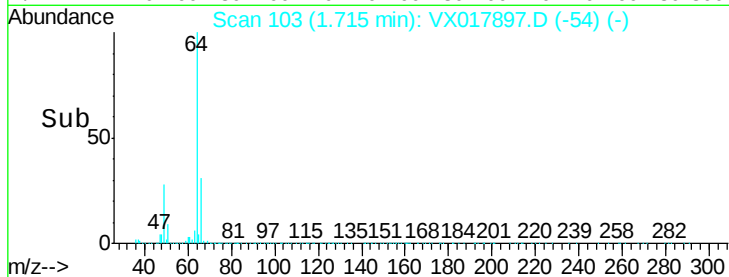
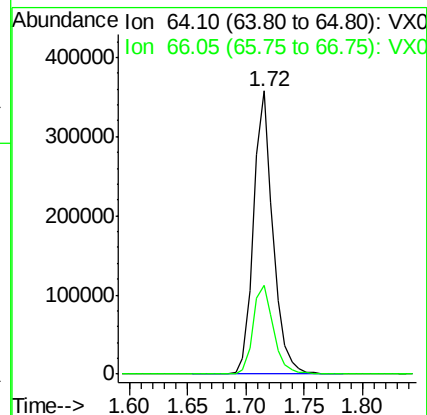
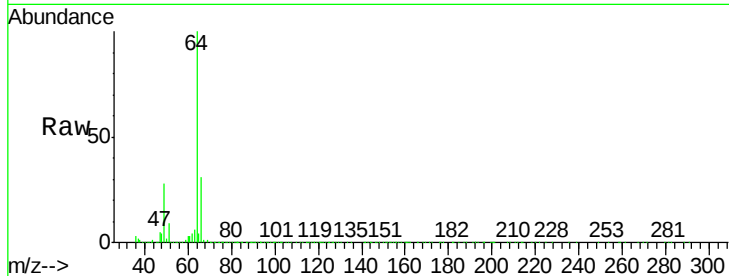
BG0M9

Tgt Ion: 64 Resp: 416924

Ion Ratio Lower Upper

64 100

66 31.3 22.6 42.0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.196 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

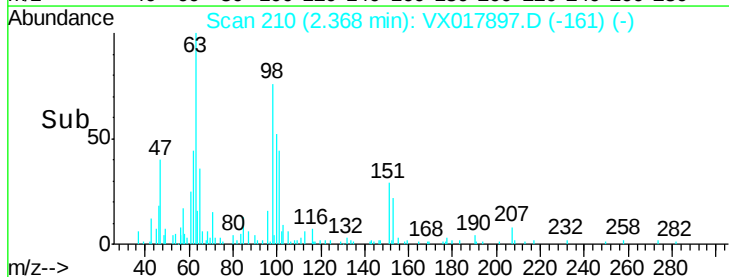
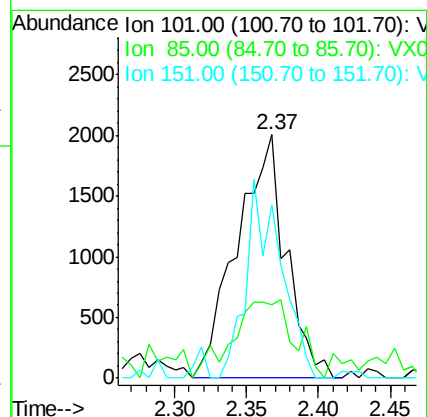
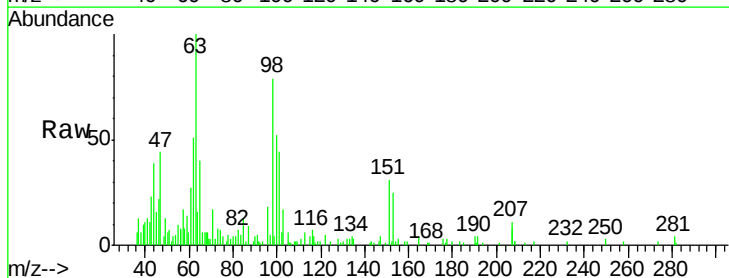
Tgt Ion: 101 Resp: 4737

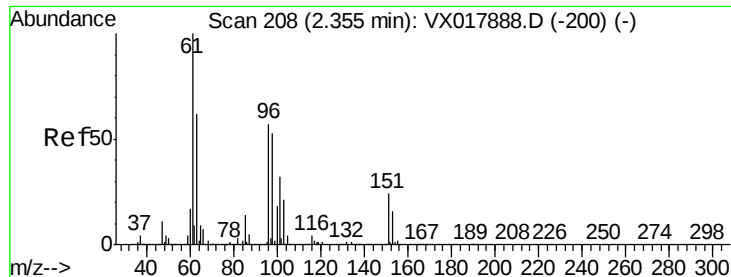
Ion Ratio Lower Upper

101 100

85 40.2 34.3 51.5

151 57.9 64.8 97.2#





#12

1,1-Dichloroethene

Concen: 0.152 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

BG0M9

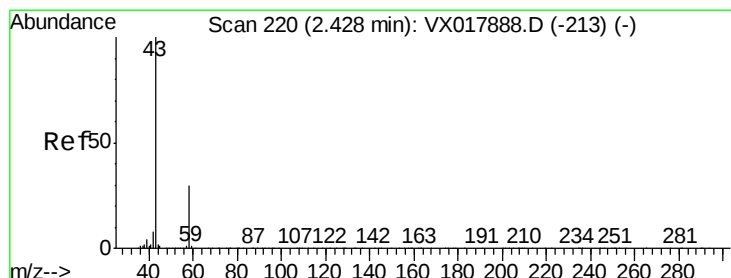
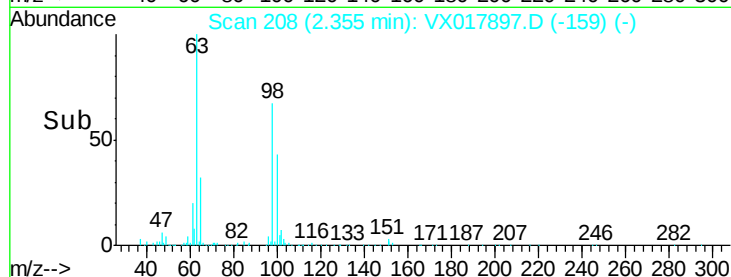
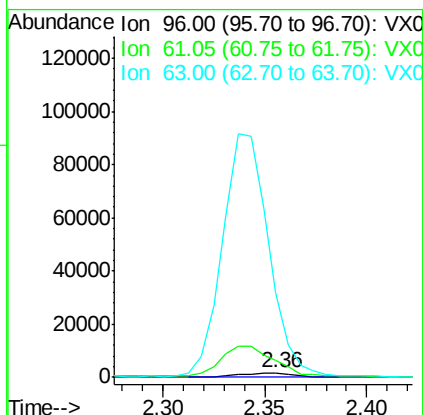
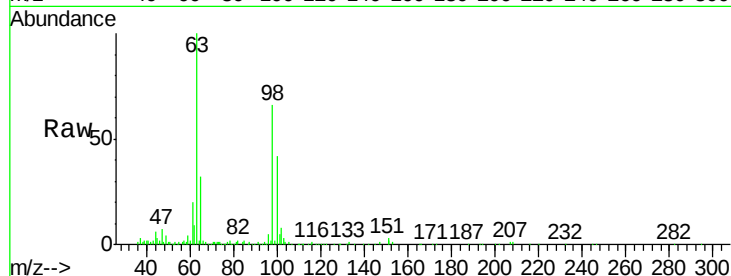
Tgt Ion: 96 Resp: 3402

Ion Ratio Lower Upper

96 100

61 390.1 123.5 229.3#

63 1923.2 67.0 124.4#



#13

Acetone

Concen: 38.571 ug/L

RT: 2.44 min Scan# 222

Delta R.T. 0.01 min

Lab File: VX017897.D

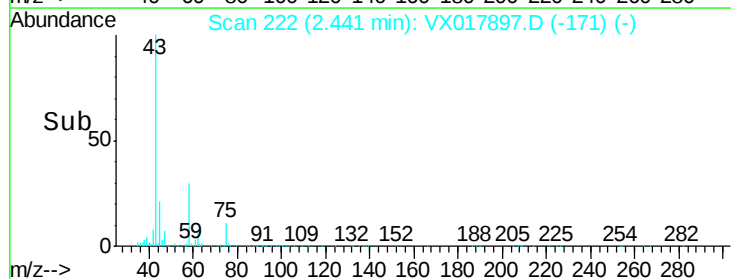
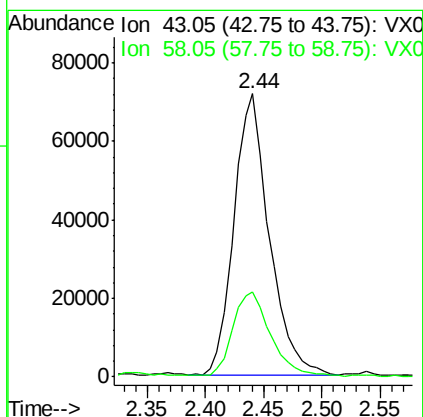
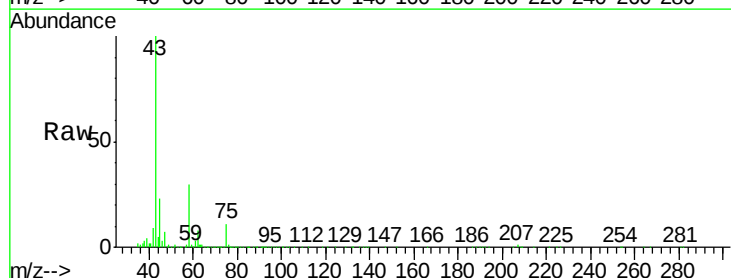
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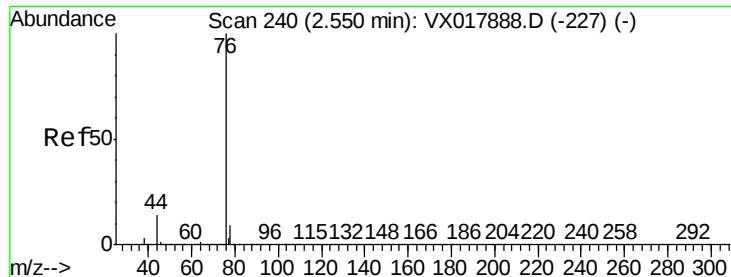
Tgt Ion: 43 Resp: 151033

Ion Ratio Lower Upper

43 100

58 31.7 0.0 60.8





#14

Carbon disulfide

Concen: 0.296 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampled :

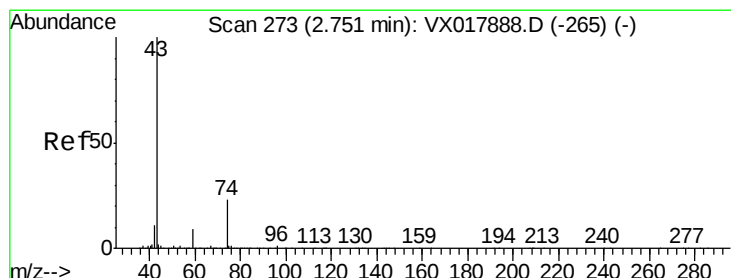
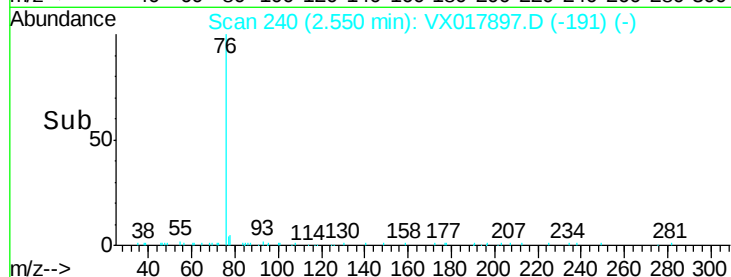
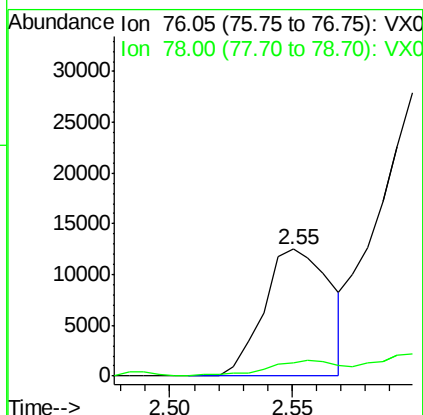
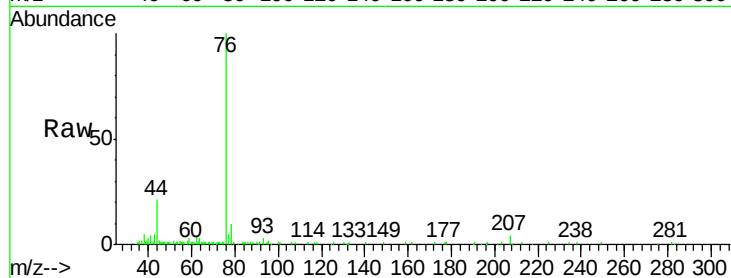
BG0M9

Tgt Ion: 76 Resp: 23827

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.4



#15

Methyl Acetate

Concen: 15.048 ug/L

RT: 2.87 min Scan# 292

Delta R.T. 0.12 min

Lab File: VX017897.D

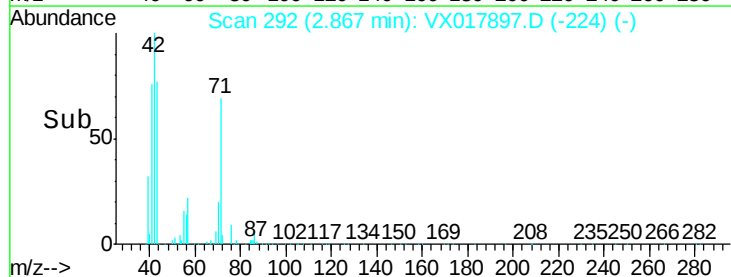
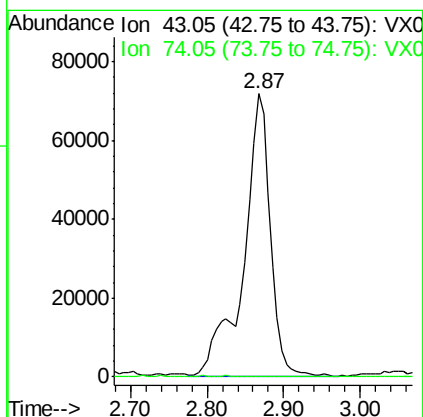
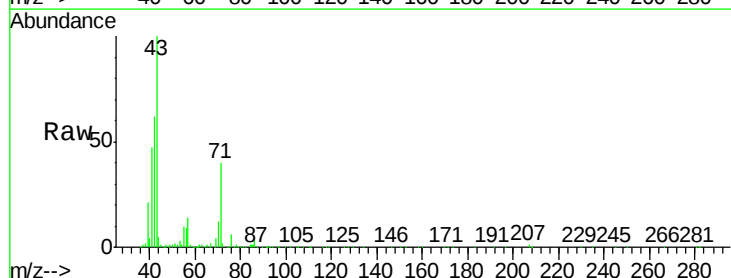
Acq: 14 Aug 2020 14:04

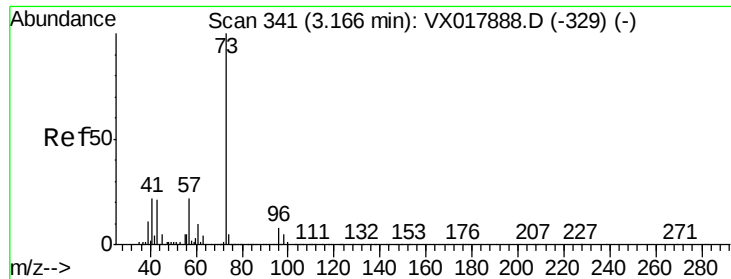
Tgt Ion: 43 Resp: 173719

Ion Ratio Lower Upper

43 100

74 0.2 20.4 30.6#





#17

Methyl tert-butyl Ether

Concen: 0.085 ug/L

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX017897.D

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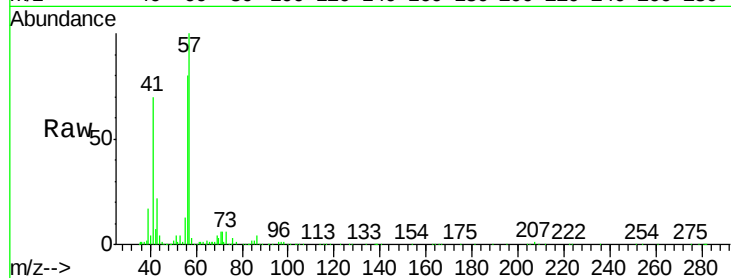
Tgt Ion: 73 Resp: 5122

Ion Ratio Lower Upper

73 100

43 1382.3 17.7 26.5#

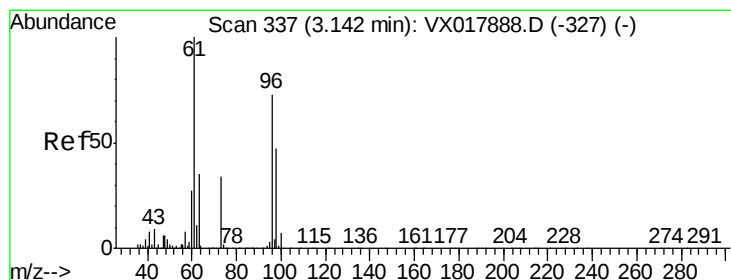
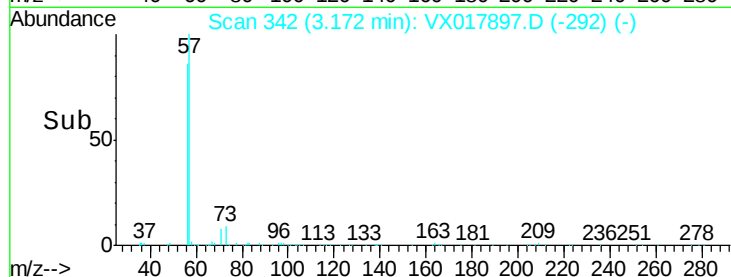
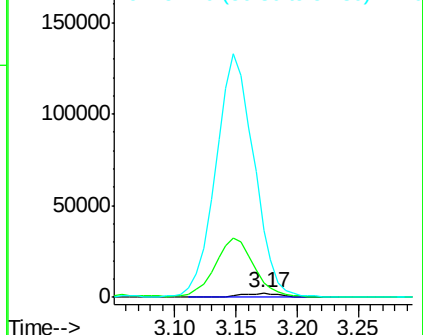
57 5664.0 17.0 25.6#



Abundance Ion 73.10 (72.80 to 73.80): VX0

Ion 43.05 (42.75 to 43.75): VX0

Ion 57.10 (56.80 to 57.80): VX0



#18

trans-1,2-Dichloroethene

Concen: 0.292 ug/L

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

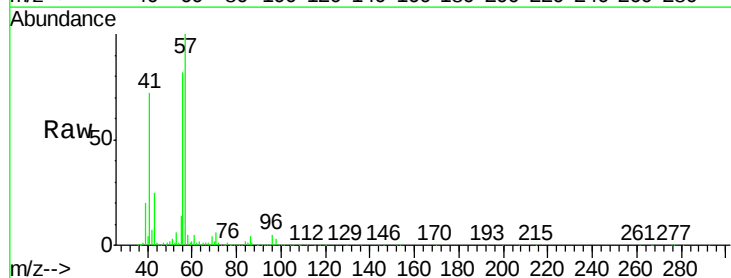
Tgt Ion: 96 Resp: 7408

Ion Ratio Lower Upper

96 100

61 120.3 98.4 182.8

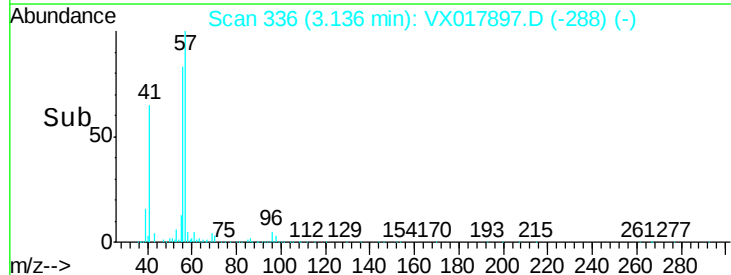
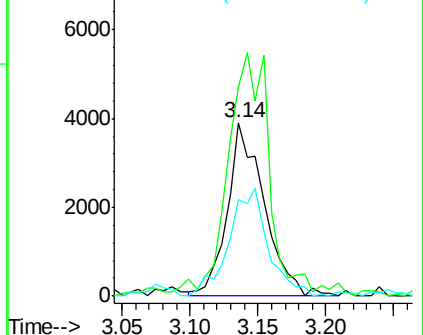
98 55.7 44.9 83.5

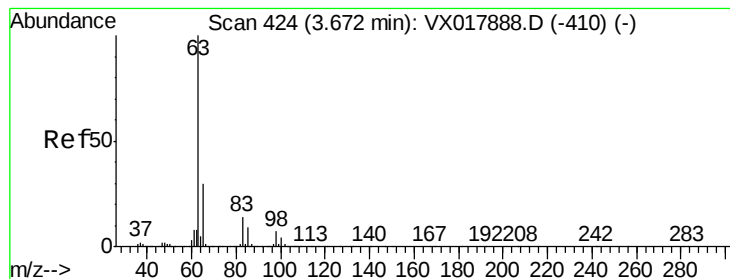


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0





#19

1,1-Dichloroethane

Concen: 2.007 ug/L

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

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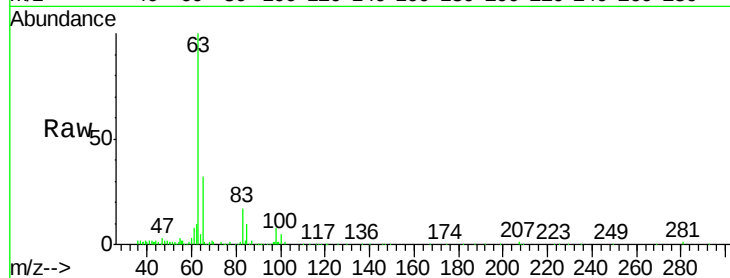
Tgt Ion: 63 Resp: 90953

Ion Ratio Lower Upper

63 100

65 31.8 22.6 42.0

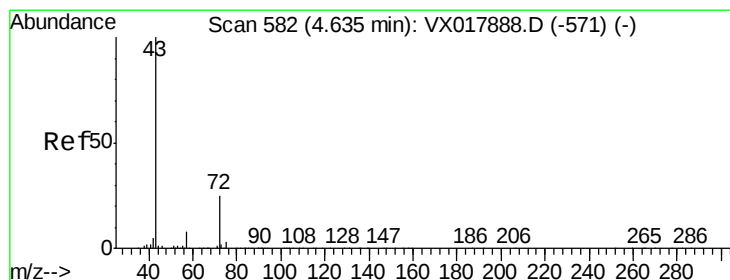
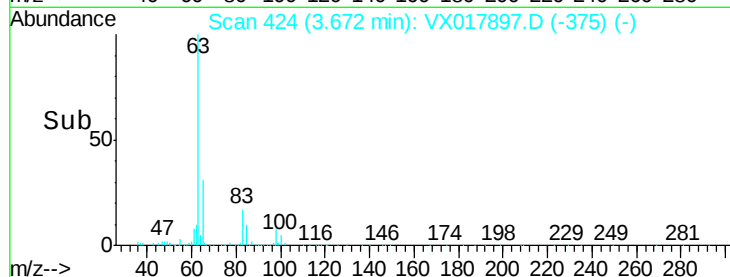
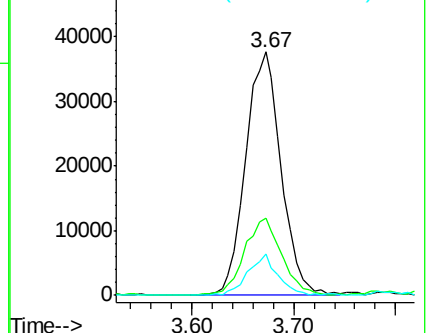
83 17.1 9.5 17.7



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 65.10 (64.80 to 65.80): VX0

Ion 83.05 (82.75 to 83.75): VX0



#21

2-Butanone

Concen: 6.623 ug/L

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX017897.D

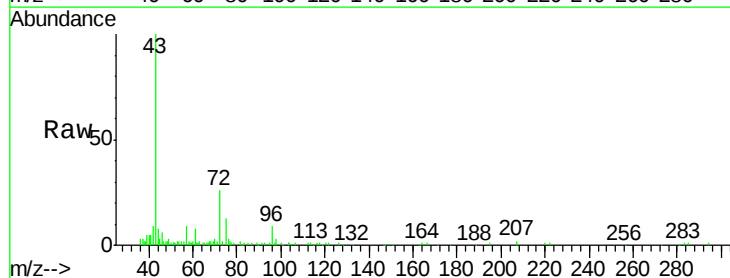
Acq: 14 Aug 2020 14:04

Tgt Ion: 43 Resp: 44790

Ion Ratio Lower Upper

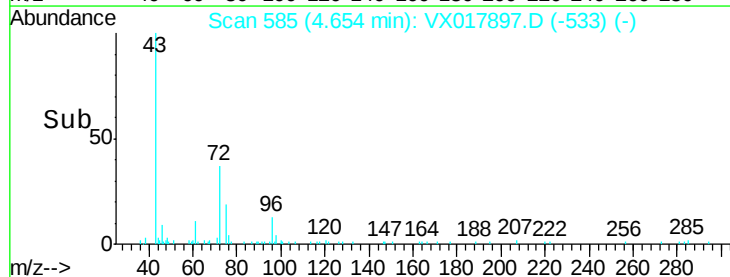
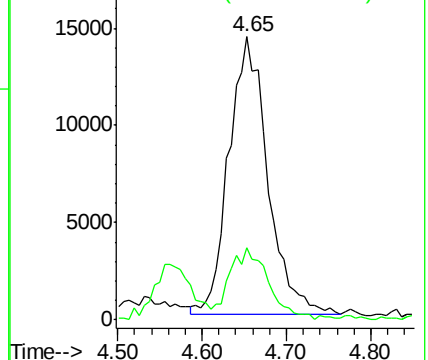
43 100

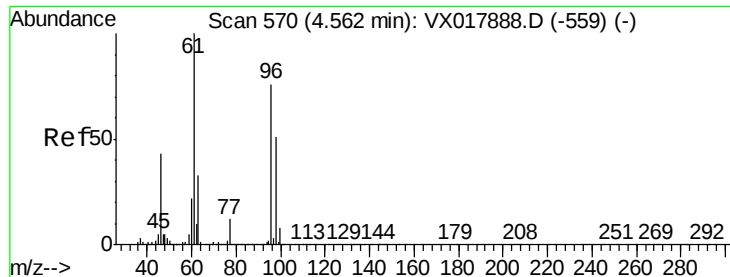
72 26.1 13.2 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#22

cis-1,2-Dichloroethene

Concen: 30.133 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

BG0M9

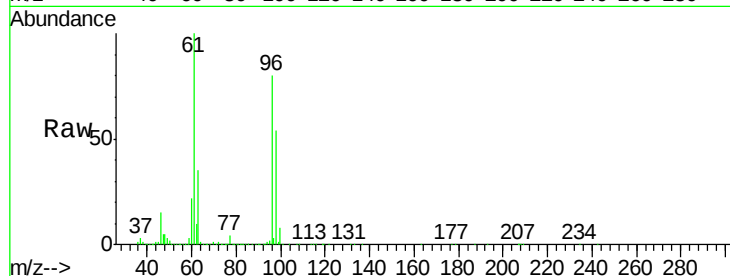
Tgt Ion: 96 Resp: 803139

Ion Ratio Lower Upper

96 100

61 124.3 88.8 165.0

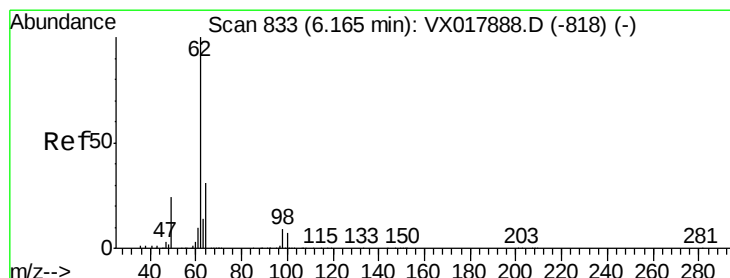
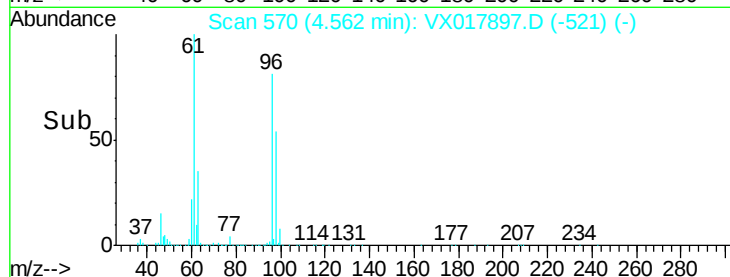
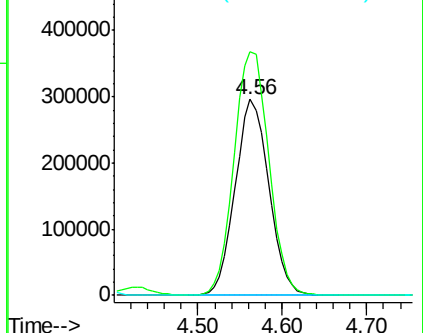
68 0.1 0.2 0.4#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0



#27

1,2-Dichloroethane

Concen: 17.291 ug/L

RT: 6.13 min Scan# 827

Delta R.T. -0.04 min

Lab File: VX017897.D

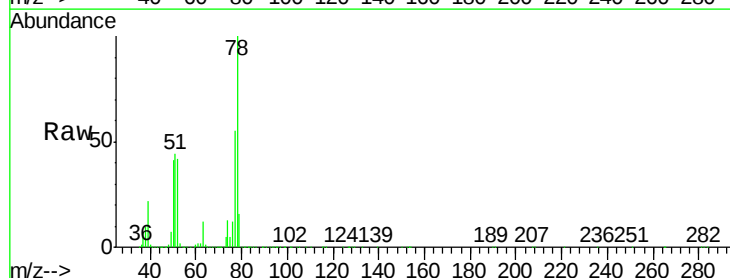
Acq: 14 Aug 2020 14:04

Tgt Ion: 62 Resp: 541249

Ion Ratio Lower Upper

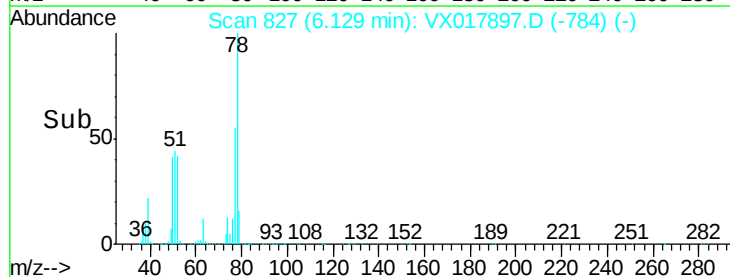
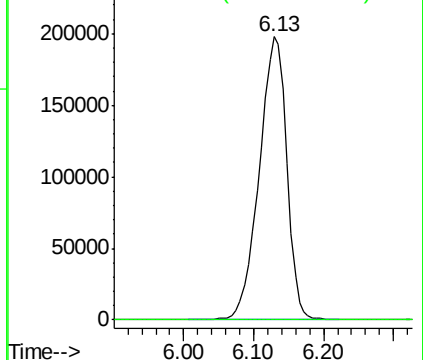
62 100

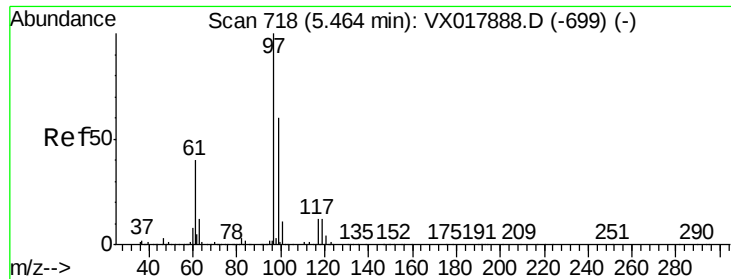
98 0.1 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

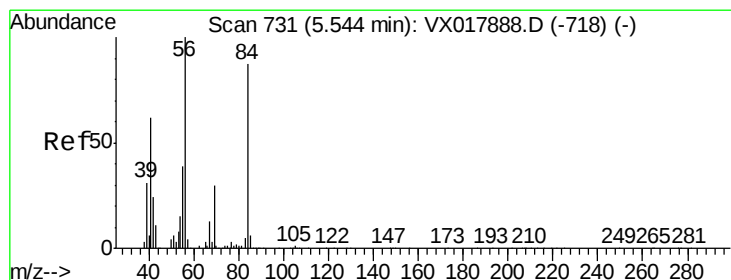
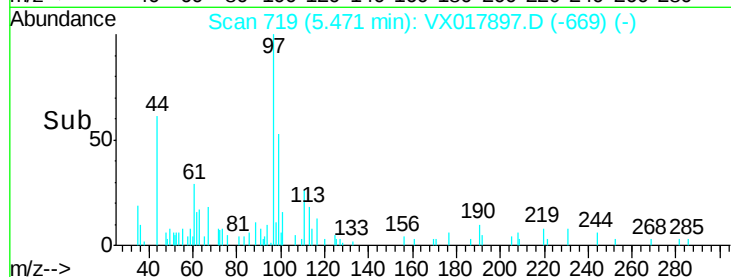
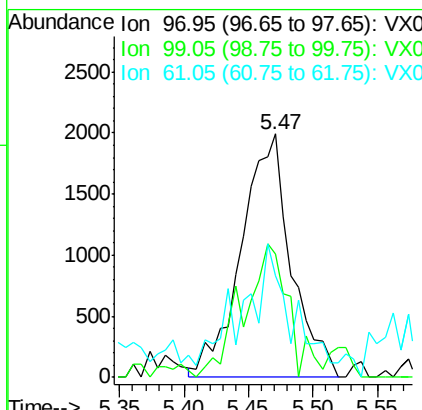
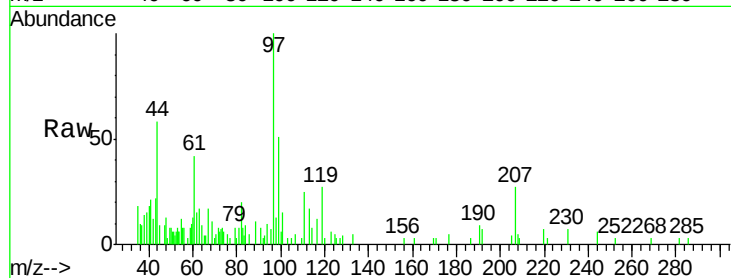




#29
 1,1,1-Trichloroethane
 Concen: 0.122 ug/L
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017897.D
 Acq: 14 Aug 2020 14:04

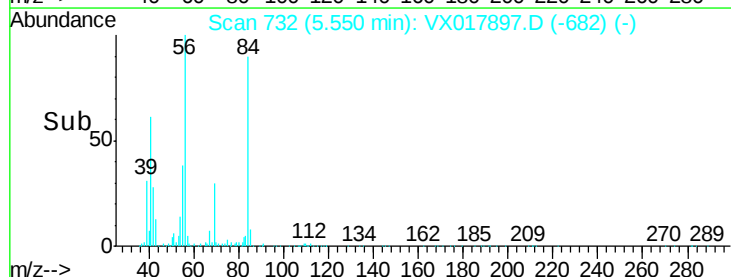
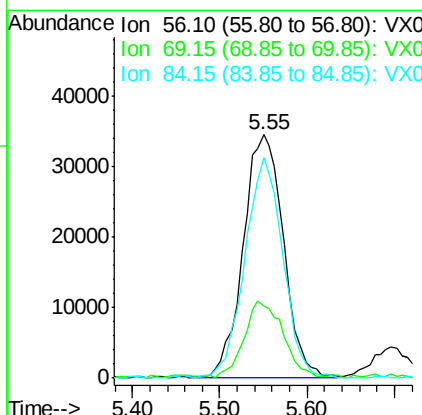
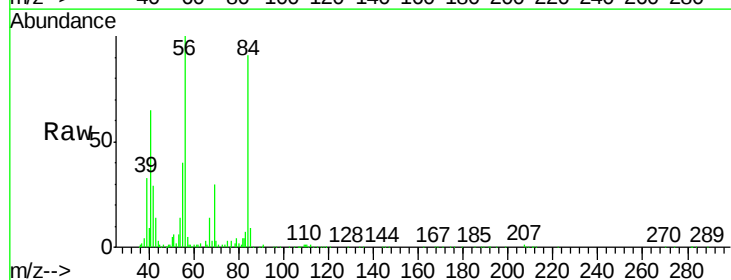
Instrument :
 MSVOA_X
 ClientSampled :
 BG0M9

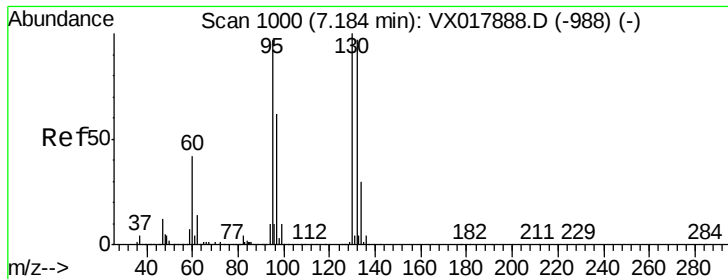
Tgt Ion: 97 Resp: 5335
 Ion Ratio Lower Upper
 97 100
 99 37.3 52.2 78.2#
 61 38.9 33.8 50.6



#30
 Cyclohexane
 Concen: 2.900 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: VX017897.D
 Acq: 14 Aug 2020 14:04

Tgt Ion: 56 Resp: 110446
 Ion Ratio Lower Upper
 56 100
 69 30.1 25.1 37.7
 84 86.0 70.7 106.1





#34

Trichloroethene

Concen: 0.133 ug/L

RT: 7.17 min Scan# 998

Delta R.T. -0.01 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampled :

BG0M9

Tgt Ion: 95 Resp: 3690

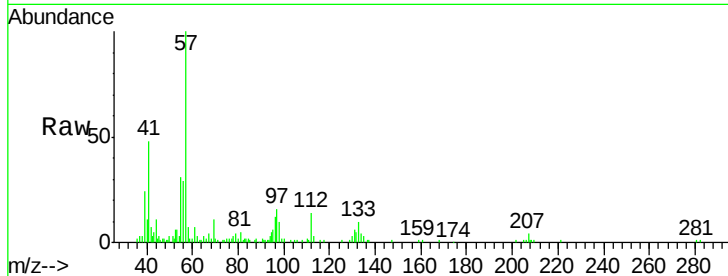
Ion Ratio Lower Upper

95 100

97 153.5 46.1 85.5#

132 53.1 66.0 122.6#

130 32.0 71.7 133.1#

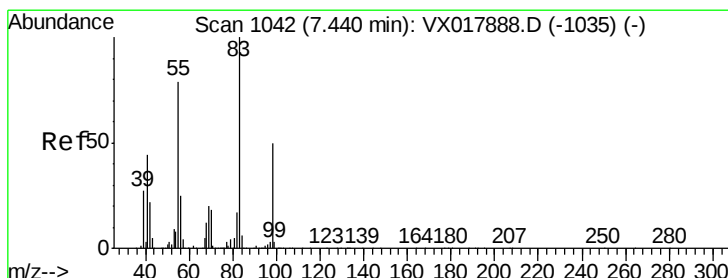
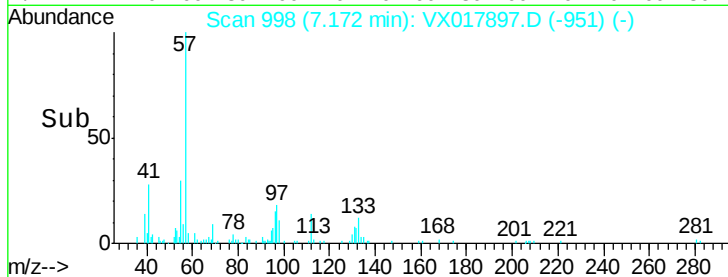
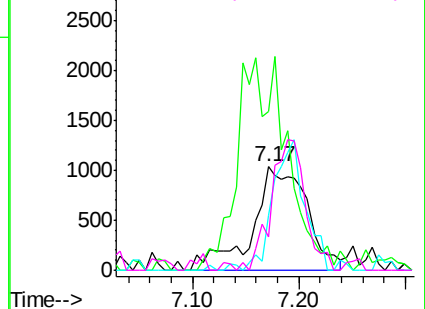


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 3.009 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

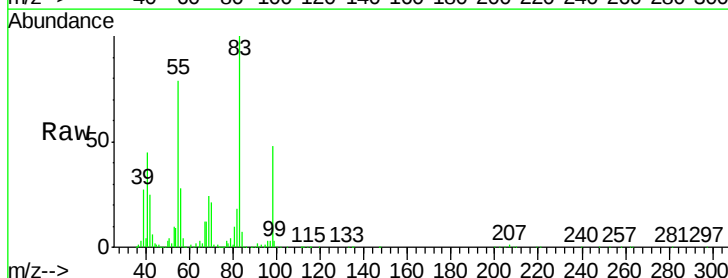
Tgt Ion: 83 Resp: 116967

Ion Ratio Lower Upper

83 100

55 81.6 62.4 93.6

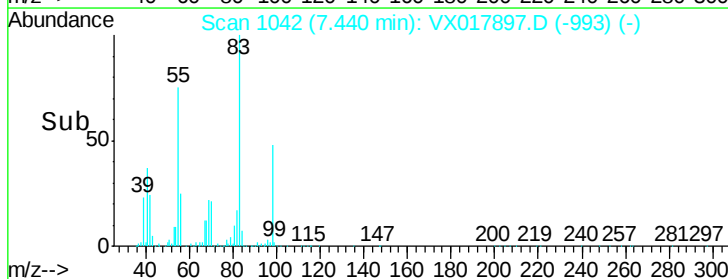
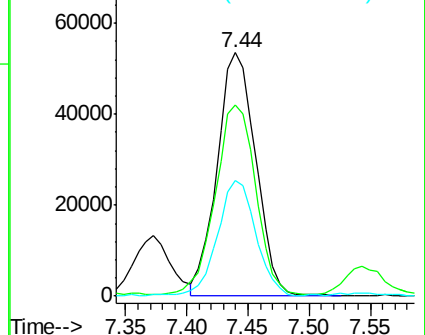
98 47.2 38.0 57.0

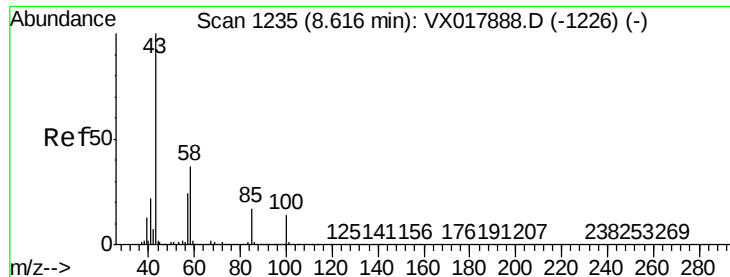


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

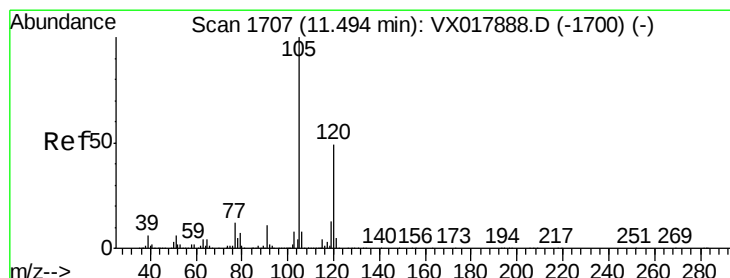
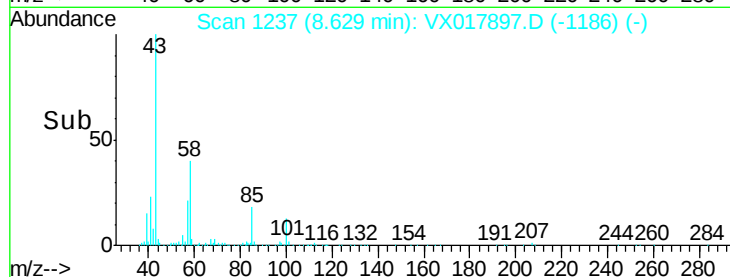
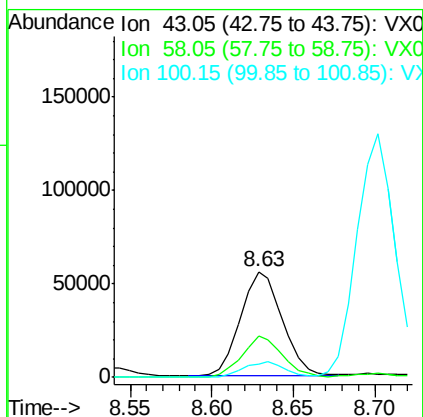
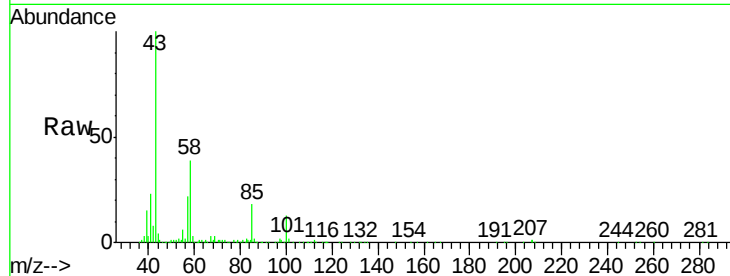




#40
4-Methyl-2-pentanone
Concen: 6.428 ug/L
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX017897.D
Acq: 14 Aug 2020 14:04

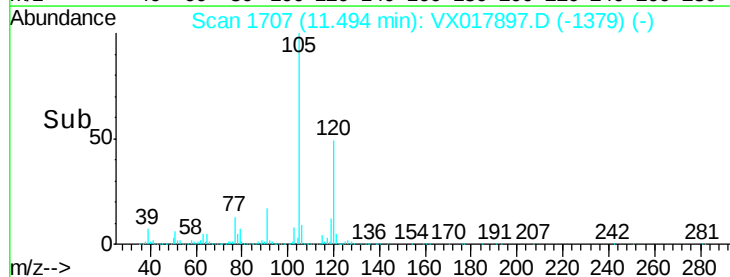
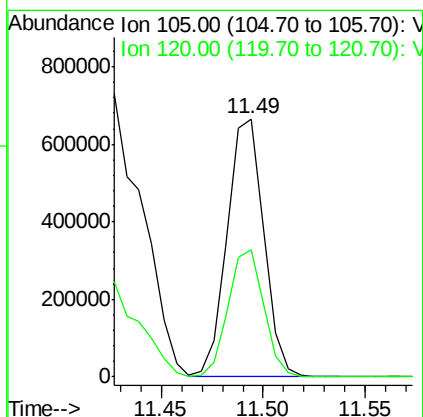
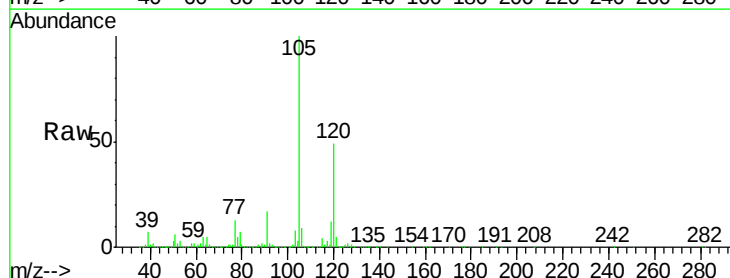
Instrument :
MSVOA_X
ClientSampleId :
BG0M9

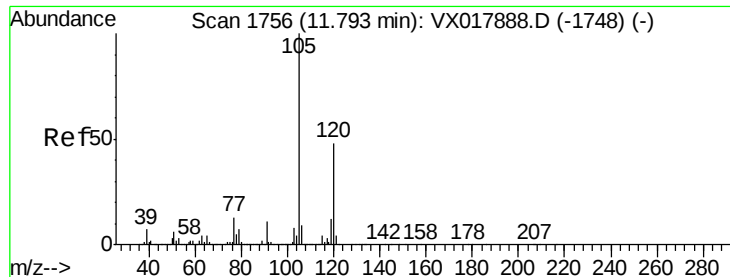
Tgt Ion: 43 Resp: 99705
Ion Ratio Lower Upper
43 100
58 37.8 31.1 46.7
100 15.1 12.2 18.4



#43
1,3,5-Trimethylbenzene
Concen: 8.776 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017897.D
Acq: 14 Aug 2020 14:04

Tgt Ion: 105 Resp: 823802
Ion Ratio Lower Upper
105 100
120 48.4 38.1 57.1





#44

1,2,4-Trimethylbenzene

Concen: 36.760 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampled :

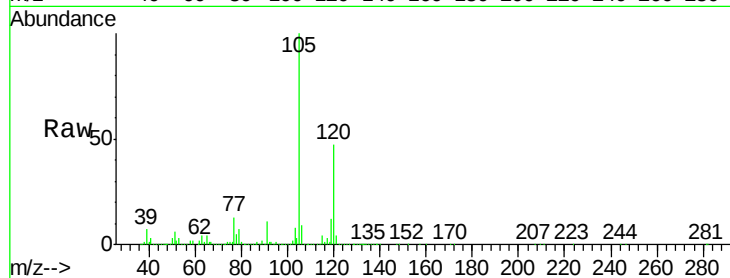
BG0M9

Tgt Ion: 105 Resp: 3514145

Ion Ratio Lower Upper

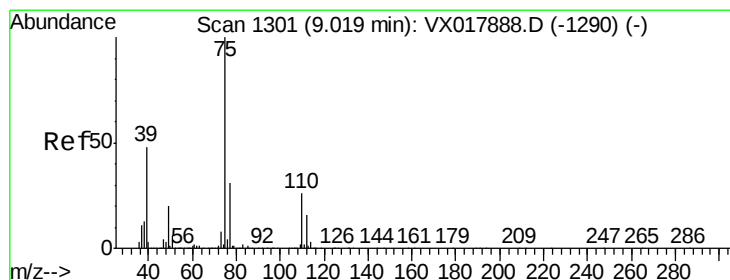
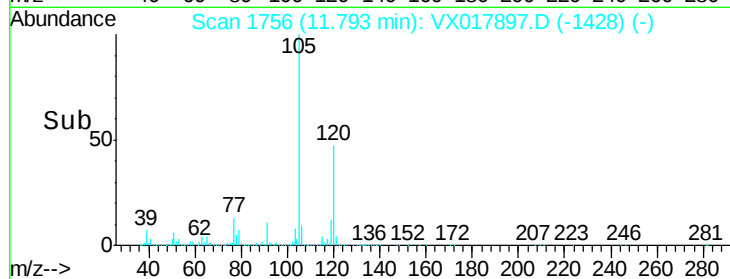
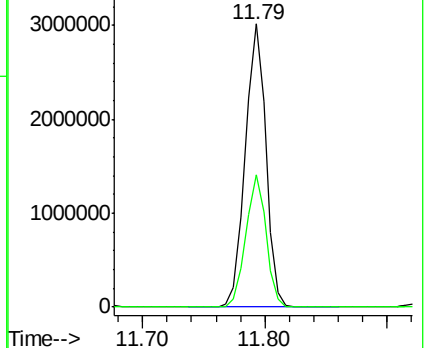
105 100

120 46.2 35.8 53.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 18.953 ug/L

RT: 8.79 min Scan# 1263

Delta R.T. -0.23 min

Lab File: VX017897.D

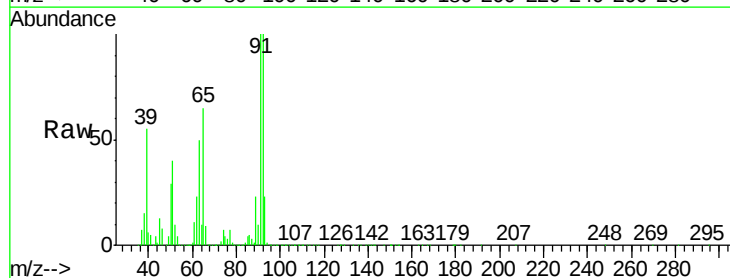
Acq: 14 Aug 2020 14:04

Tgt Ion: 75 Resp: 620095

Ion Ratio Lower Upper

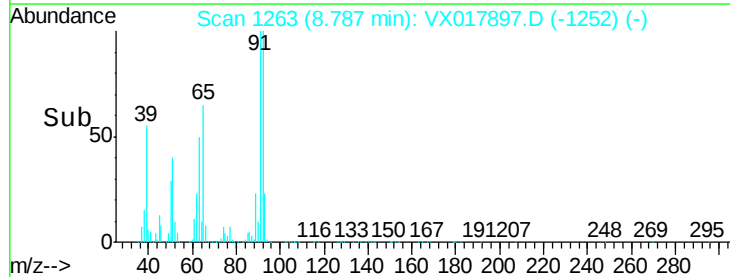
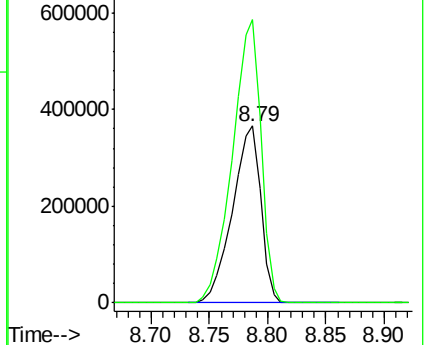
75 100

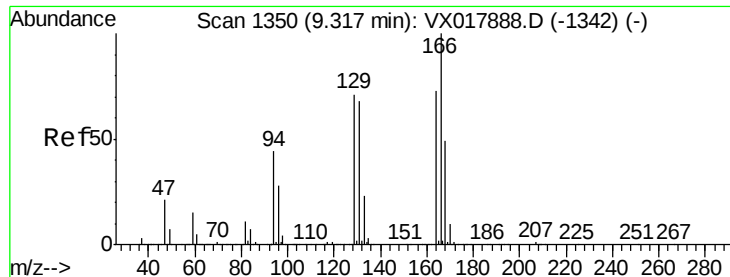
77 160.0 21.6 40.2#



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0





#49

Tetrachloroethene

Concen: 0.169 ug/L

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

BG0M9

Tgt Ion:164 Resp: 3750

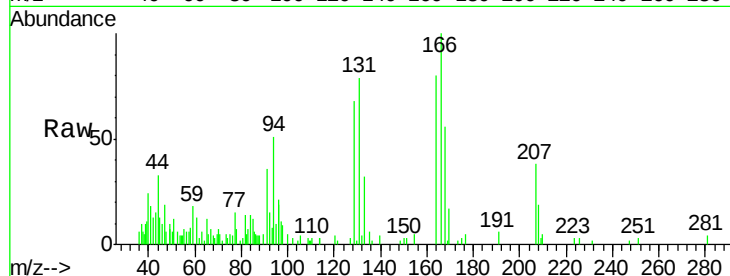
Ion Ratio Lower Upper

164 100

129 84.3 67.4 125.2

131 98.5 65.3 121.3

166 124.5 87.2 161.9

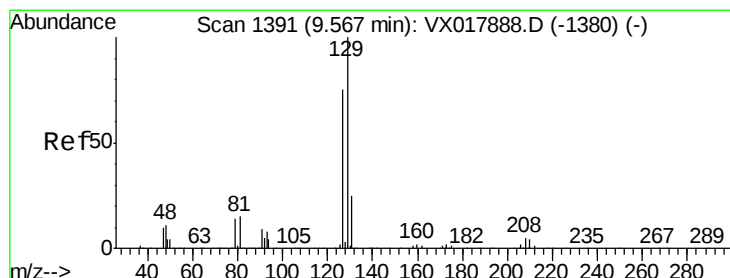
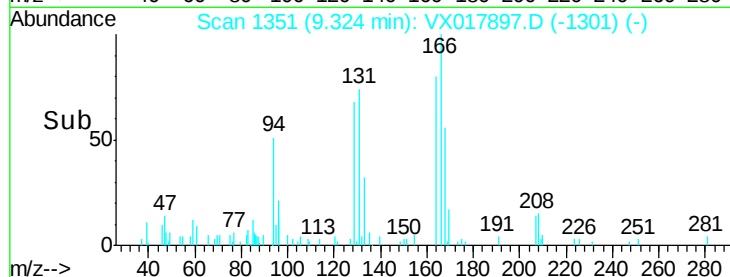
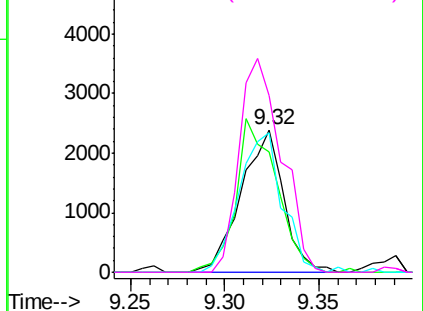


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Dibromochloromethane

Concen: 0.156 ug/L

RT: 9.31 min Scan# 1349

Delta R.T. -0.26 min

Lab File: VX017897.D

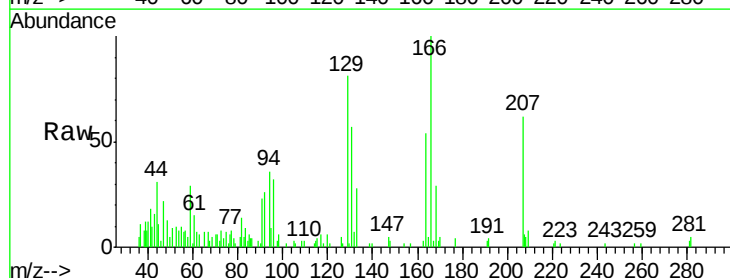
Acq: 14 Aug 2020 14:04

Tgt Ion:129 Resp: 3835

Ion Ratio Lower Upper

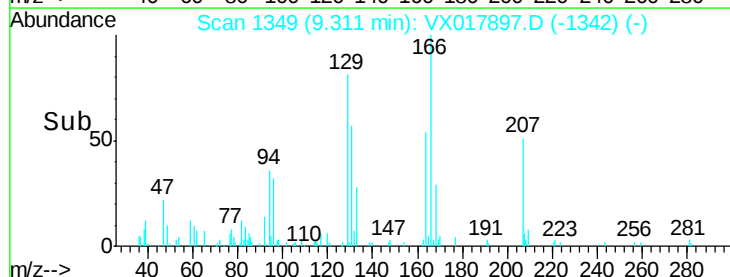
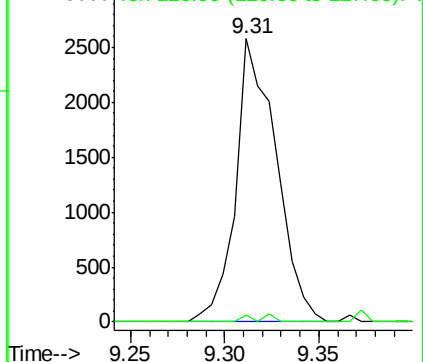
129 100

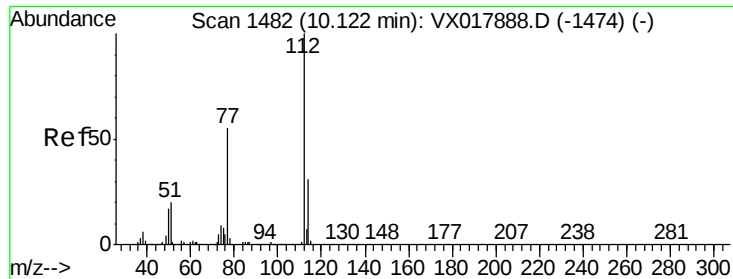
127 2.4 52.5 97.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#53

Chlorobenzene

Concen: 124.509 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

BG0M9

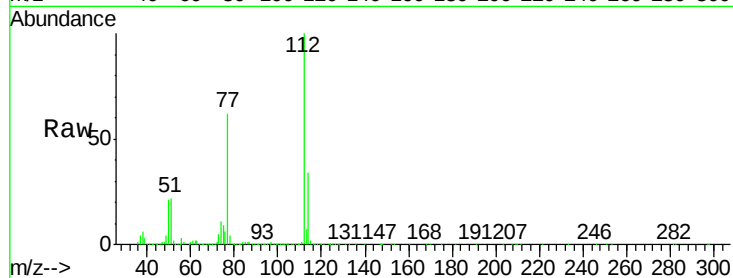
Tgt Ion:112 Resp: 8334839

Ion Ratio Lower Upper

112 100

114 34.0 23.5 43.7

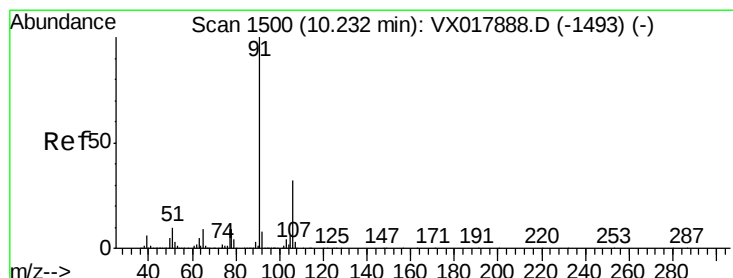
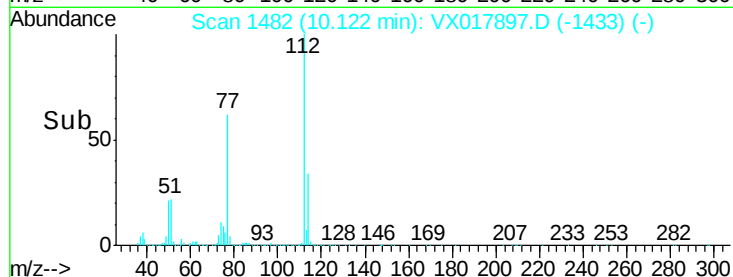
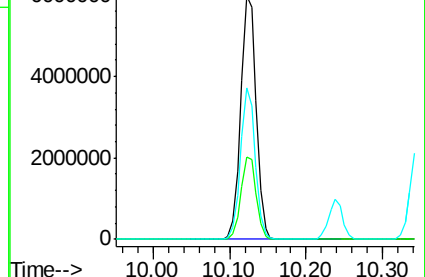
77 62.2 46.7 70.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#54

Ethylbenzene

Concen: 113.469 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017897.D

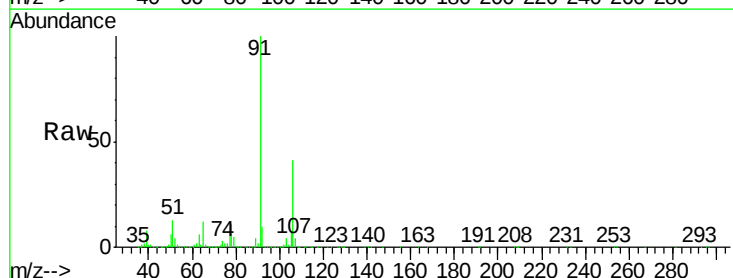
Acq: 14 Aug 2020 14:04

Tgt Ion: 91 Resp:12735144

Ion Ratio Lower Upper

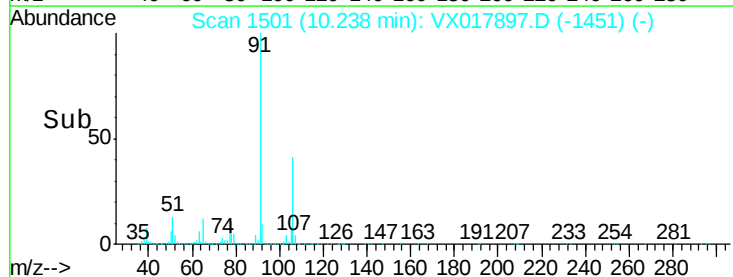
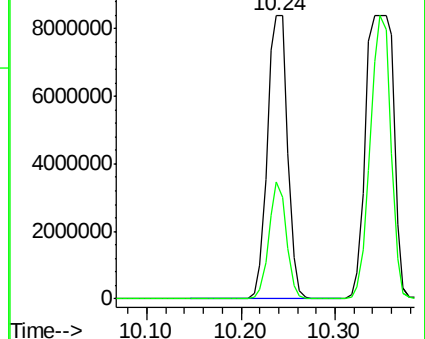
91 100

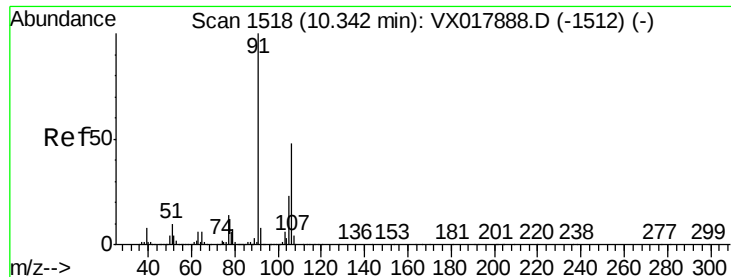
106 41.4 22.5 41.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 105.970 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.10 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

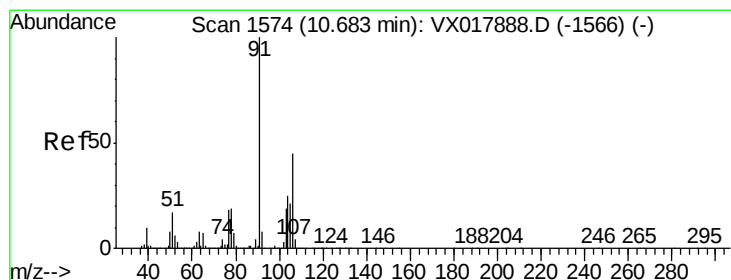
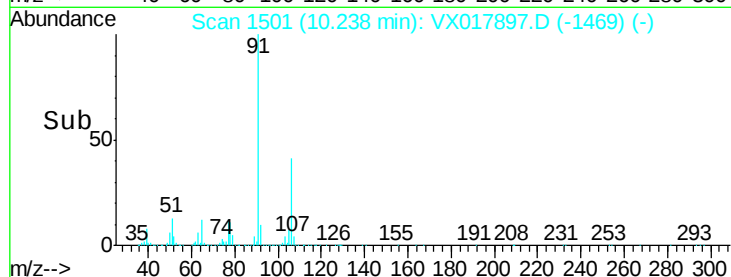
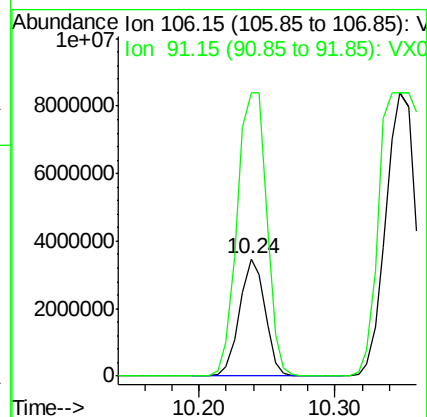
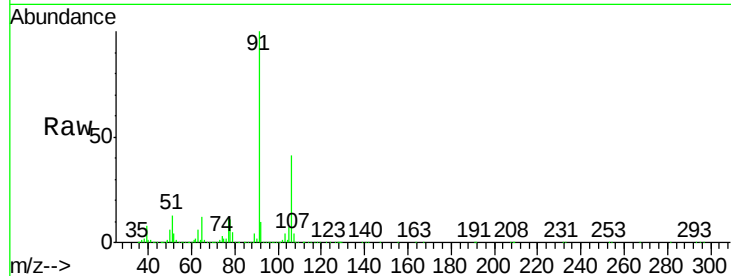
BG0M9

Tgt Ion:106 Resp: 4541315

Ion Ratio Lower Upper

106 100

91 241.3 143.3 266.1



#56

o-xylene

Concen: 96.820 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017897.D

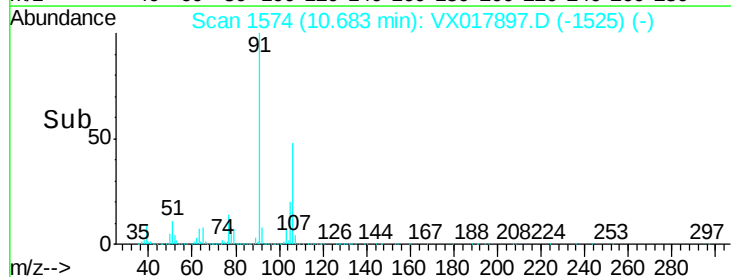
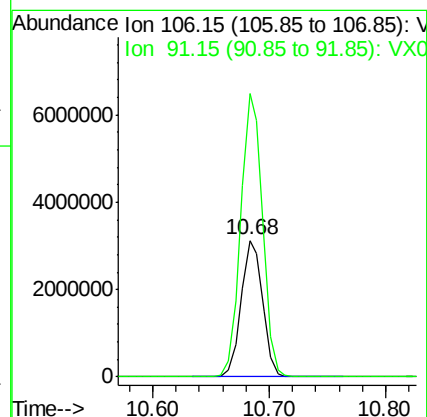
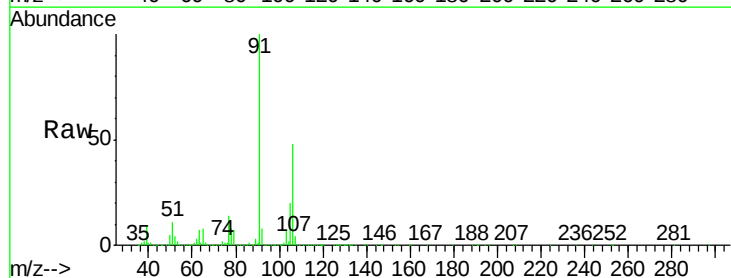
Acq: 14 Aug 2020 14:04

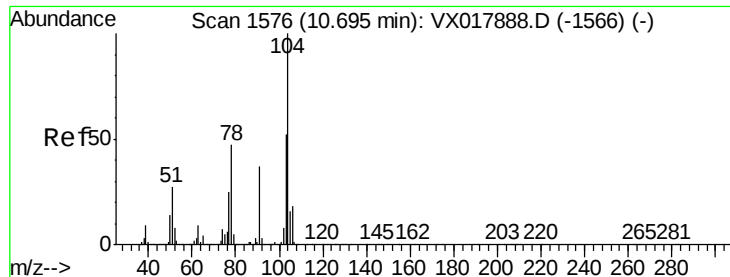
Tgt Ion:106 Resp: 4022861

Ion Ratio Lower Upper

106 100

91 207.6 149.8 278.2





#57

Styrene

Concen: 2.986 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampled :

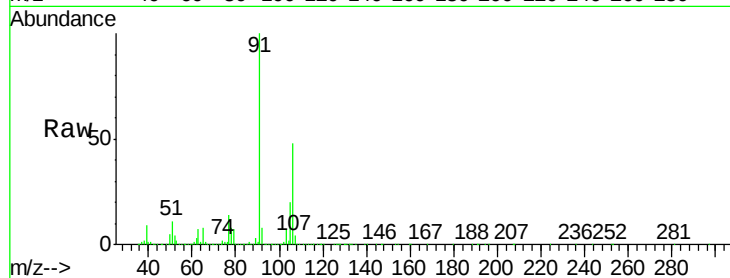
BG0M9

Tgt Ion:104 Resp: 209812

Ion Ratio Lower Upper

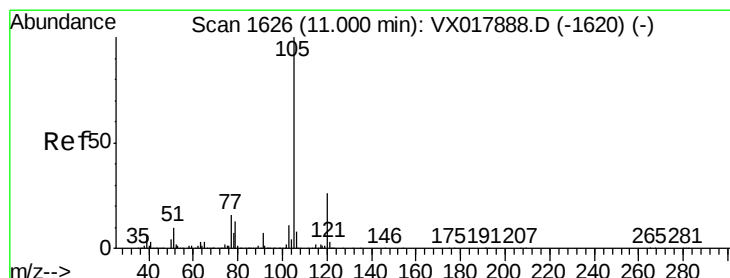
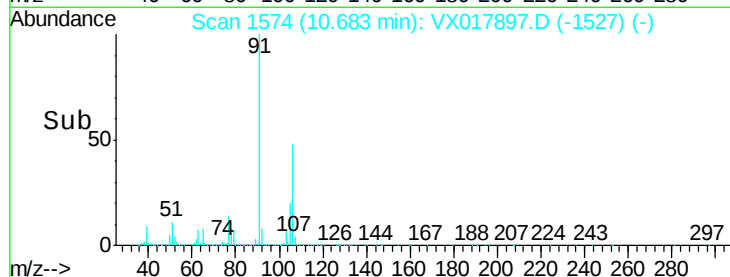
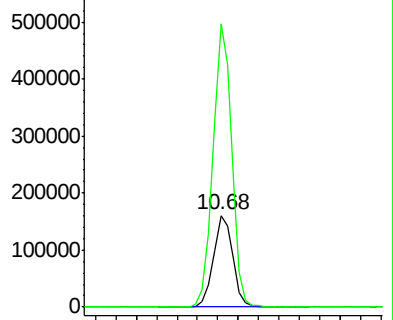
104 100

78 308.5 33.7 62.5#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0



#58

Isopropylbenzene

Concen: 22.463 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

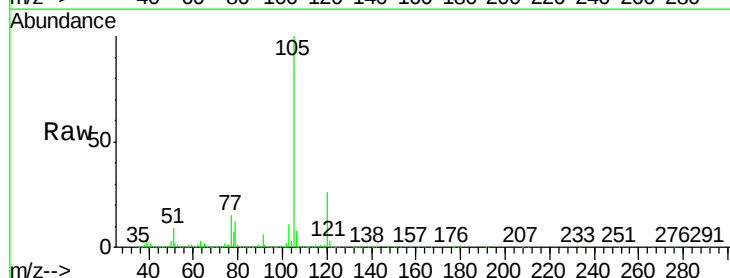
Tgt Ion:105 Resp: 2498319

Ion Ratio Lower Upper

105 100

120 26.4 21.8 32.6

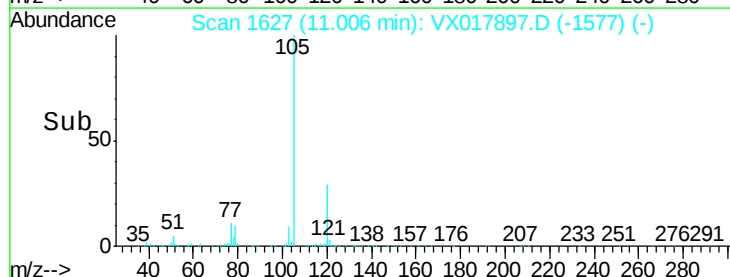
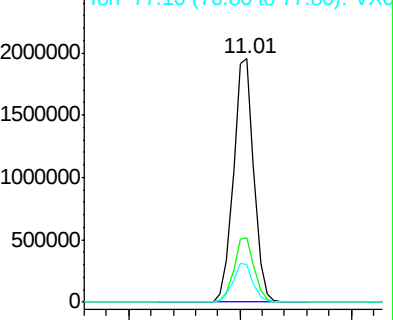
77 15.7 12.8 19.2

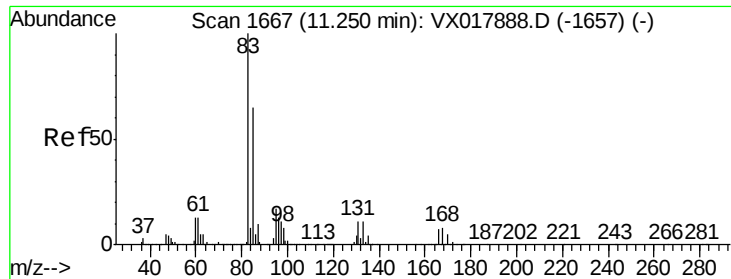


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VX0





#60

1,1,2,2-Tetrachloroethane

Concen: 0.371 ug/L

RT: 11.27 min Scan# 1670

Delta R.T. 0.02 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

BG0M9

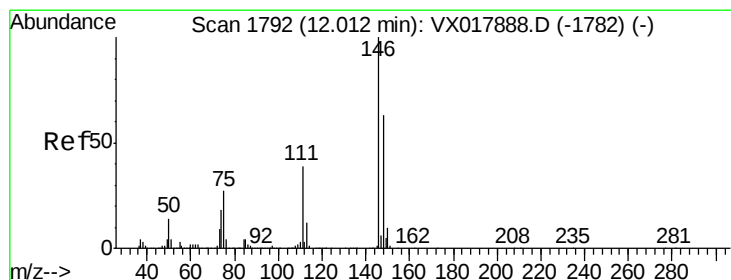
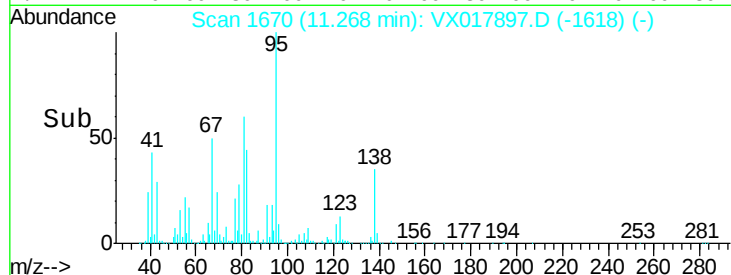
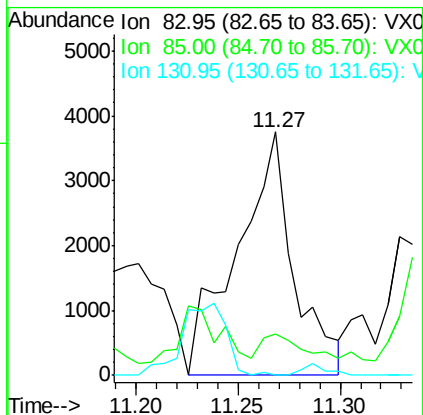
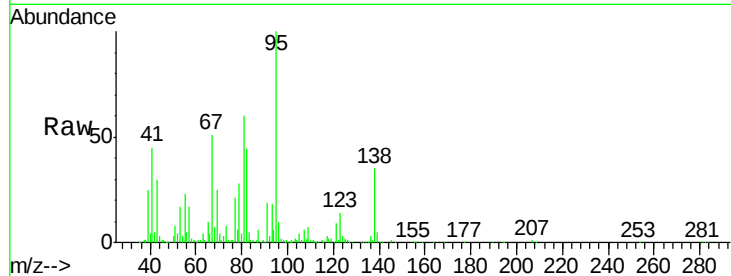
Tgt Ion: 83 Resp: 7289

Ion Ratio Lower Upper

83 100

85 17.1 44.6 82.8#

131 0.0 8.2 12.2#



#63

1,3-Dichlorobenzene

Concen: 1.270 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

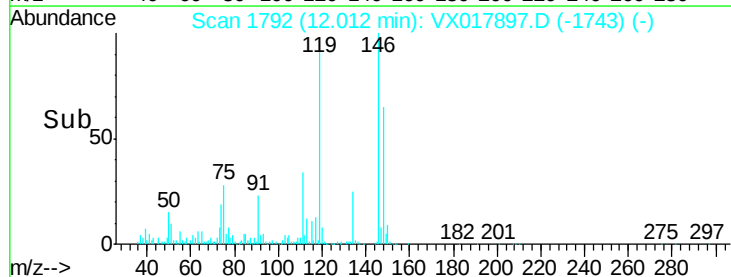
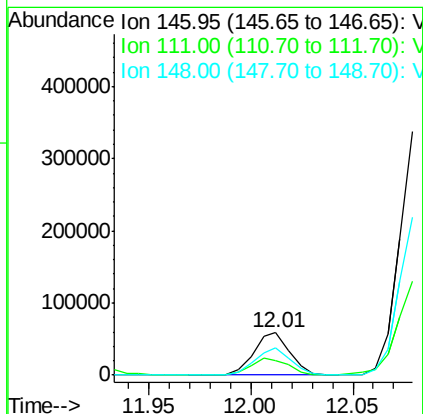
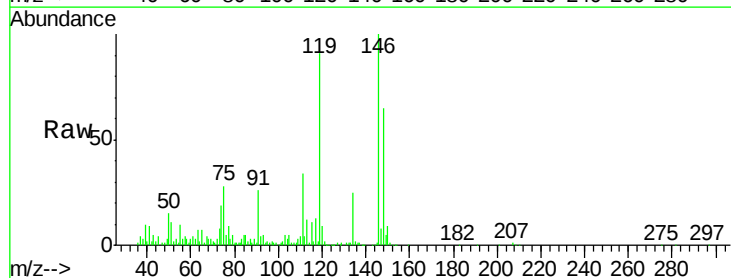
Tgt Ion: 146 Resp: 73015

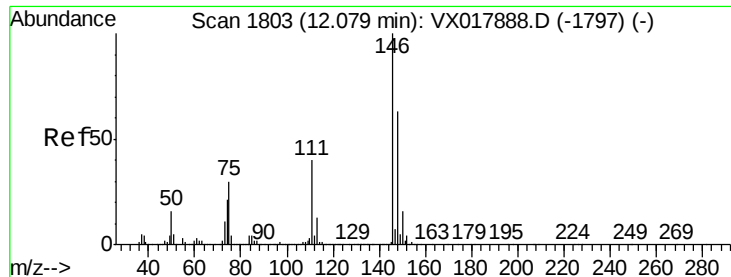
Ion Ratio Lower Upper

146 100

111 34.5 27.6 51.4

148 64.9 43.9 81.5





#64

1,4-Dichlorobenzene

Concen: 7.323 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

BG0M9

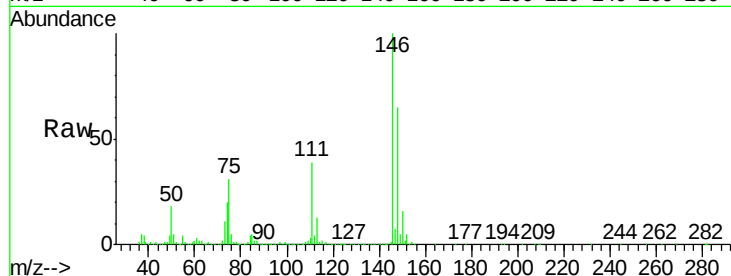
Tgt Ion:146 Resp: 418683

Ion Ratio Lower Upper

146 100

111 38.6 26.0 48.2

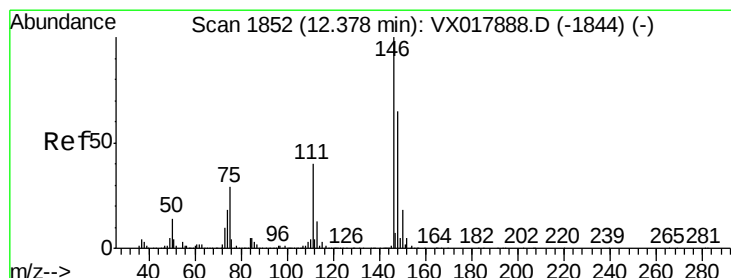
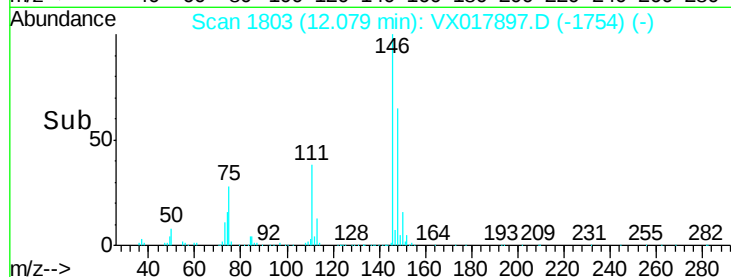
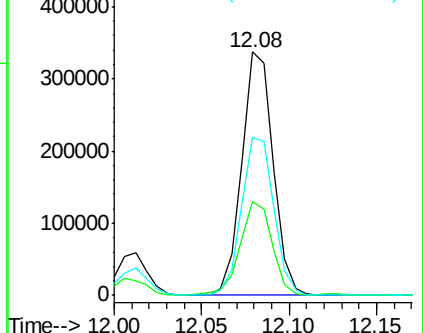
148 65.0 43.2 80.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dichlorobenzene

Concen: 10.113 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

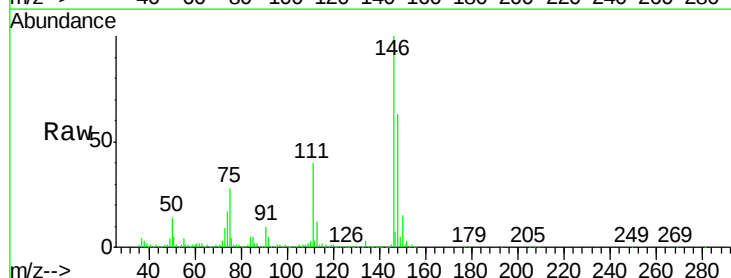
Tgt Ion:146 Resp: 539840

Ion Ratio Lower Upper

146 100

111 39.7 32.2 48.4

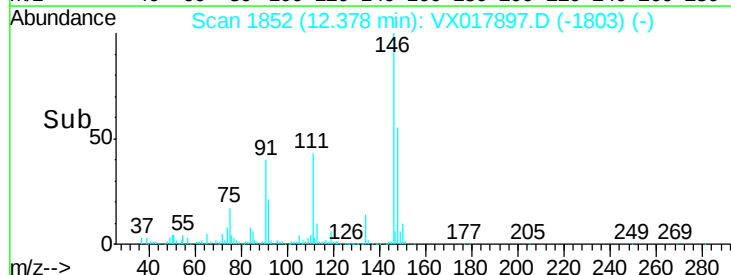
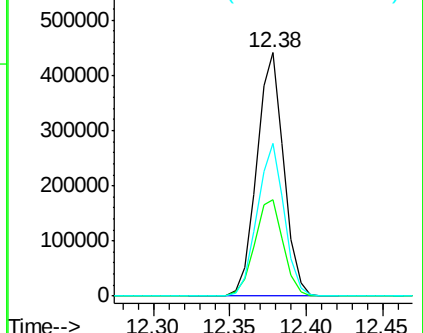
148 62.7 52.3 78.5

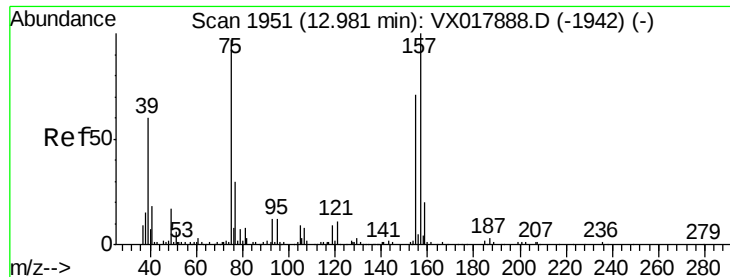


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

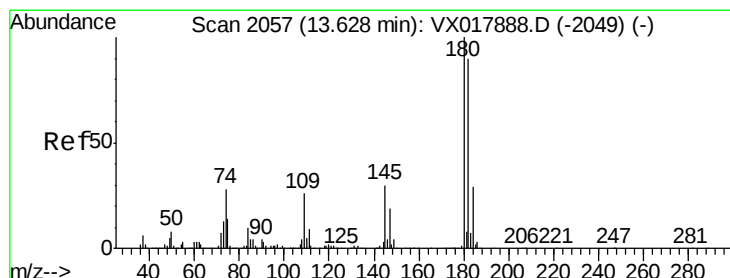
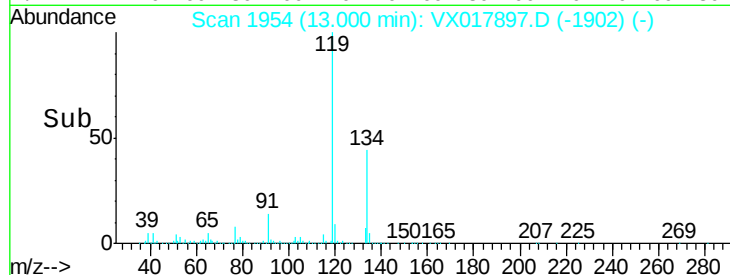
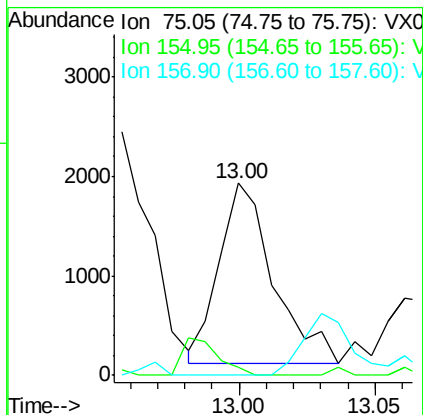
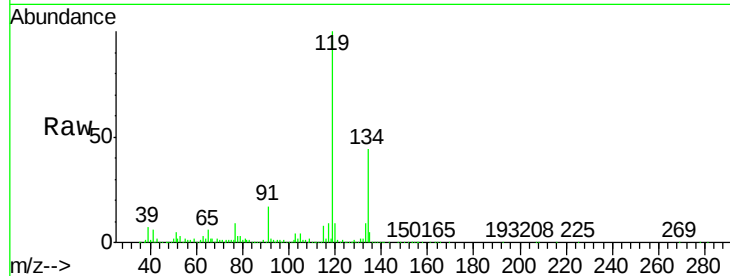




#67
 1,2-Dibromo-3-chloropropane
 Concen: 0.539 ug/L
 RT: 13.00 min Scan# 1954
 Delta R.T. 0.02 min
 Lab File: VX017897.D
 Acq: 14 Aug 2020 14:04

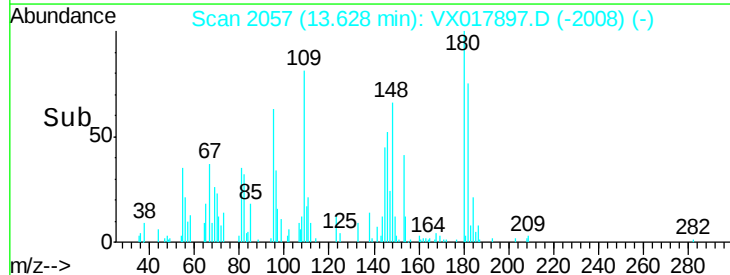
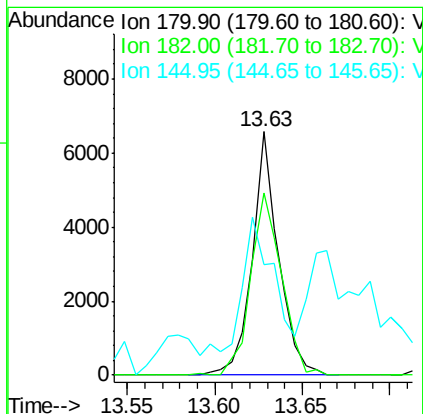
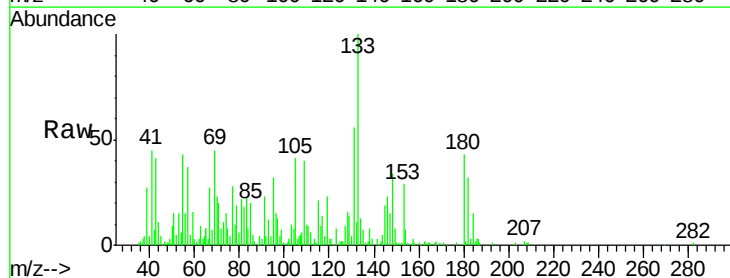
Instrument :
 MSVOA_X
 ClientSampleId :
 BG0M9

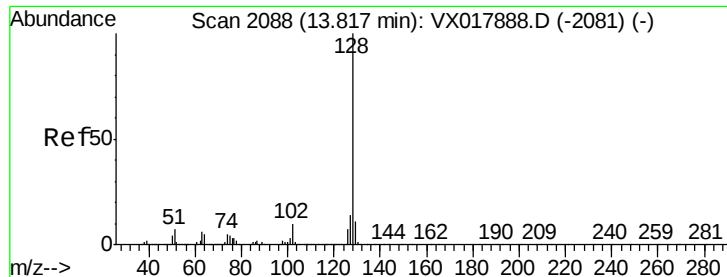
Tgt Ion: 75 Resp: 2502
 Ion Ratio Lower Upper
 75 100
 155 4.2 60.9 91.3#
 157 0.0 83.3 124.9#



#69
 1,2,4-trichlorobenzene
 Concen: 0.183 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017897.D
 Acq: 14 Aug 2020 14:04

Tgt Ion: 180 Resp: 6869
 Ion Ratio Lower Upper
 180 100
 182 88.6 76.5 114.7
 145 77.4 25.4 38.0#





#70

Naphthalene

Concen: 22.267 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017897.D

Acq: 14 Aug 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

BG0M9

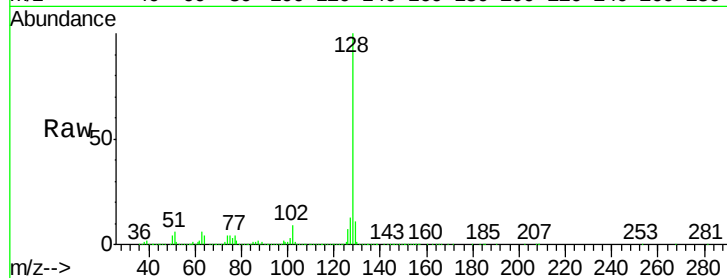
Tgt Ion:128 Resp: 1536946

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

127 12.8 11.0 16.4



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

