

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100220\
 Data File : VX018756.D
 Acq On : 02 Oct 2020 18:41
 Operator : JC/SP
 Sample : L4239-03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N2

Quant Time: Oct 03 05:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 14:11:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	253198	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	244113	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	130317	5.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	92927	6.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.60%
7) Chloroethane-d5	1.70	69	60391	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.36	63	426760	12.79	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	255.80%#
20) 2-Butanone-d5	4.57	46	200689	51.73	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.46%
24) Chloroform-d	5.15	84	162957	4.55	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	6.03	65	97553	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	6.05	84	303376	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	7.37	67	88910	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	8.71	98	299862	5.01	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
45) trans-1,3-Dichloropropene-	9.00	79	41882	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
48) 2-Hexanone-d5	9.43	63	176073	55.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.36%
59) 1,1,2,2-Tetrachloroethane-	11.24	84	69999	4.91	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
65) 1,2-Dichlorobenzene-d4	12.37	152	126775	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.39	50	26422	2.157	ug/L #	48
5) Vinyl chloride	1.39	62	637436	46.659	ug/L #	80
8) Chloroethane	1.71	64	221182	26.692	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	4925	0.346	ug/L #	59
12) 1,1-Dichloroethene	2.36	96	531754	42.160	ug/L #	64
13) Acetone	2.38	43	6533	3.084	ug/L	74
14) Carbon disulfide	2.56	76	21329	0.540	ug/L	99
15) Methyl Acetate	2.82	43	527235	101.279	ug/L #	48
17) Methyl tert-butyl Ether	3.16	73	2291	0.070	ug/L #	1
18) trans-1,2-Dichloroethene	3.14	96	237792	17.607	ug/L	96
19) 1,1-Dichloroethane	3.67	63	6923520	288.375	ug/L	97
21) 2-Butanone	4.39	43	1297488	420.797	ug/L	97
22) cis-1,2-Dichloroethene	4.57	96	24903758	1788.077	ug/L #	80
27) 1,2-Dichloroethane	6.15	62	6121	0.307	ug/L #	91
30) Cyclohexane	5.56	56	2387103	119.181	ug/L	98
31) Carbon tetrachloride	5.49	117	4560211	171.214	ug/L	98
33) Benzene	6.11	78	127263	2.490	ug/L	100

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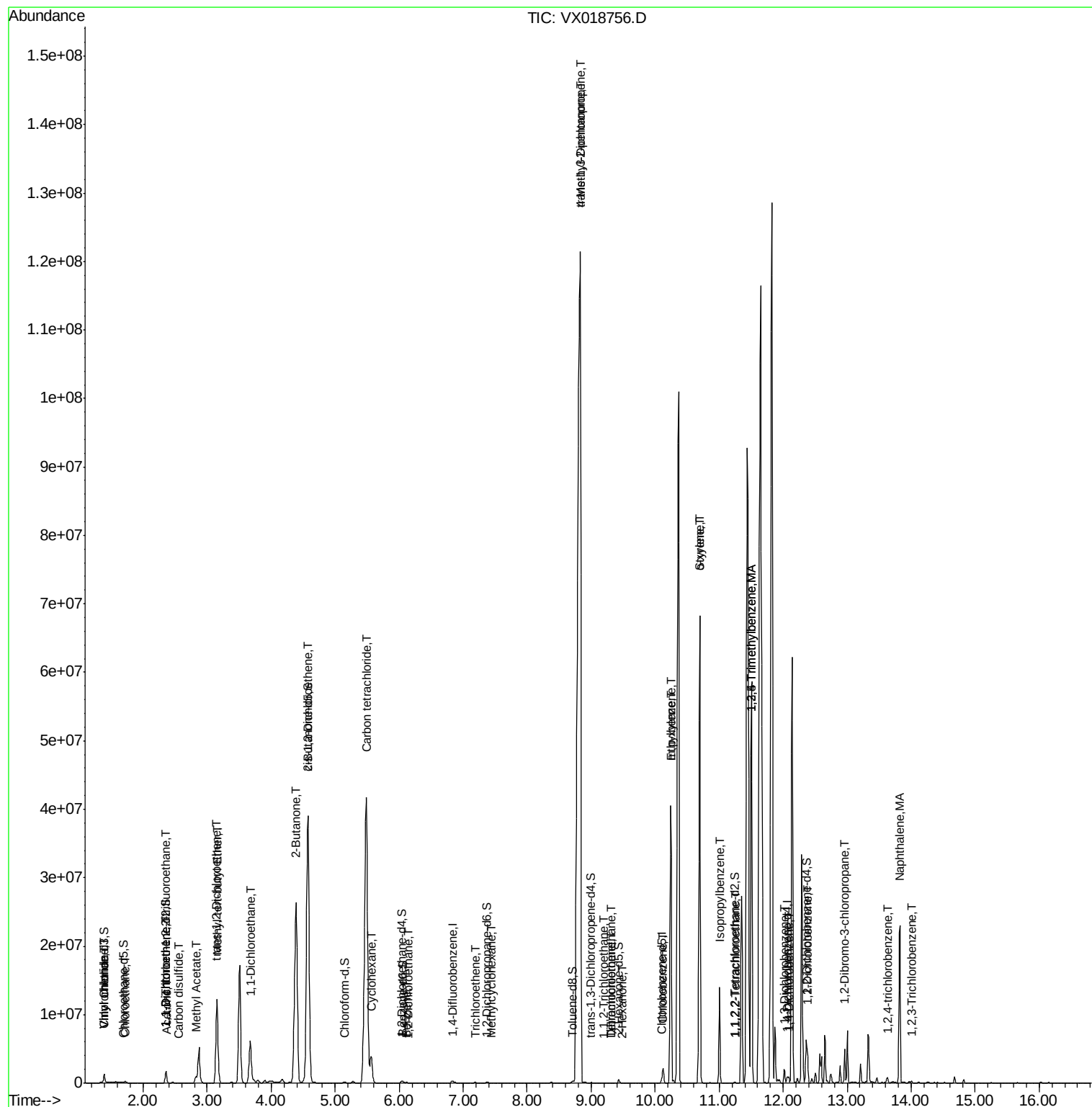
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	7.19	95	28450	1.885	ug/L	97
35) Methylcyclohexane	7.45	83	10232	0.478	ug/L #	65
40) 4-Methyl-2-pentanone	8.83	43	2168802	292.326	ug/L #	44
43) 1,3,5-Trimethylbenzene	11.49	105	15984005	301.918	ug/L #	57
44) 1,2,4-Trimethylbenzene	11.49	105	15984005	297.456	ug/L #	50
46) trans-1,3-Dichloropropene	8.83	75	2747327	145.569	ug/L #	1
47) 1,1,2-Trichloroethane	9.20	97	2274	0.235	ug/L #	88
49) Tetrachloroethene	9.32	164	9729	0.737	ug/L	97
50) 2-Hexanone	9.48	43	3844	0.713	ug/L #	1
51) Dibromochloromethane	9.32	129	9519	0.678	ug/L #	12
53) Chlorobenzene	10.12	112	964424	25.206	ug/L	93
54) Ethylbenzene	10.24	91	16934278	270.063	ug/L #	54
55) m,p-xylene	10.24	106	8266223	337.962	ug/L #	58
56) o-xylene	10.69	106	14990443	663.200	ug/L #	26
57) Styrene	10.69	104	959273	24.879	ug/L #	1
58) Isopropylbenzene	11.01	105	7048979	111.395	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.26	83	1456	0.136	ug/L #	66
63) 1,3-Dichlorobenzene	12.02	146	206407	6.516	ug/L	97
64) 1,4-Dichlorobenzene	12.09	146	285395	9.035	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	1280684	43.304	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.96	75	15721	6.237	ug/L #	7
69) 1,2,4-trichlorobenzene	13.63	180	130012	6.423	ug/L	92
70) Naphthalene	13.82	128	12891077	389.655	ug/L #	94
71) 1,2,3-Trichlorobenzene	14.00	180	55310	3.037	ug/L #	87

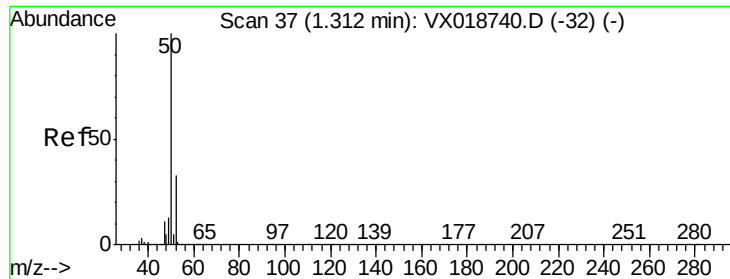
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.157 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.08 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

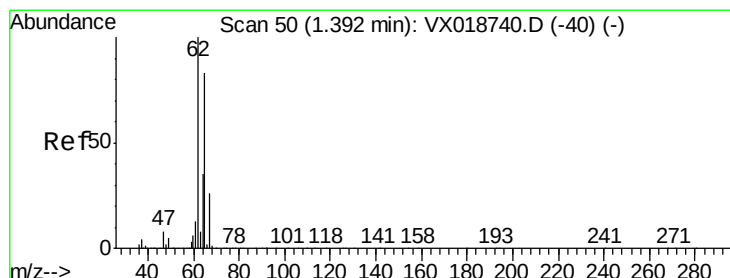
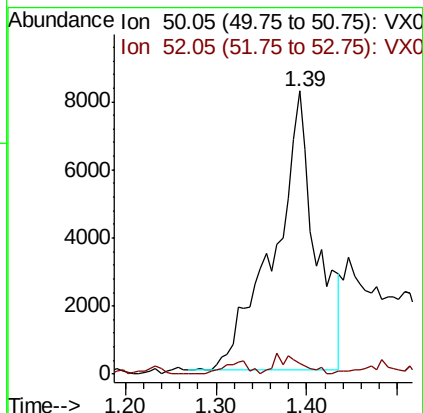
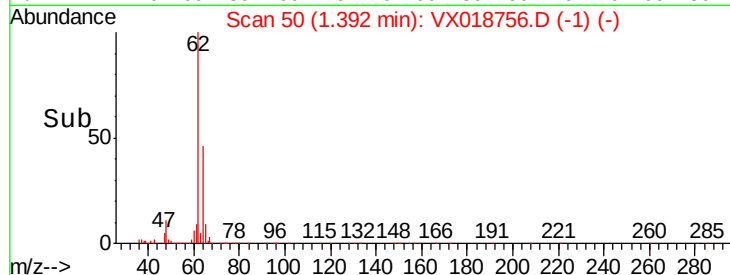
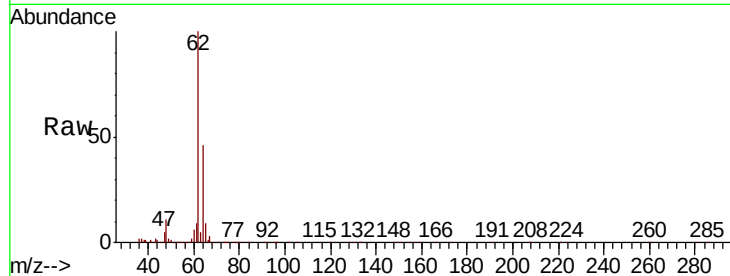
BG3N2

Tot Ion: 50 Resp: 26422

Ion Ratio Lower Upper

50 100

52 3.7 23.4 43.6#



#5

Vinyl chloride

Concen: 46.659 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018756.D

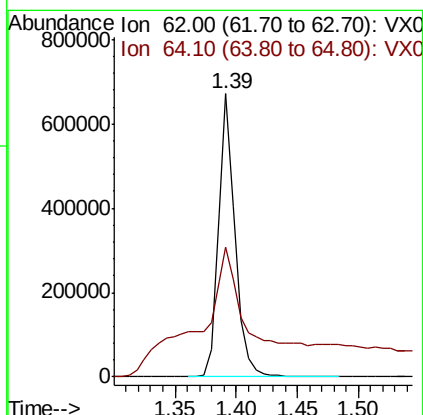
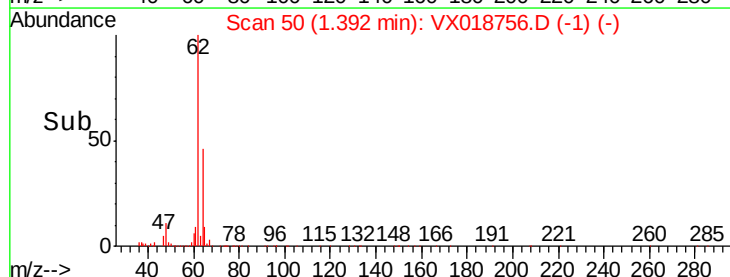
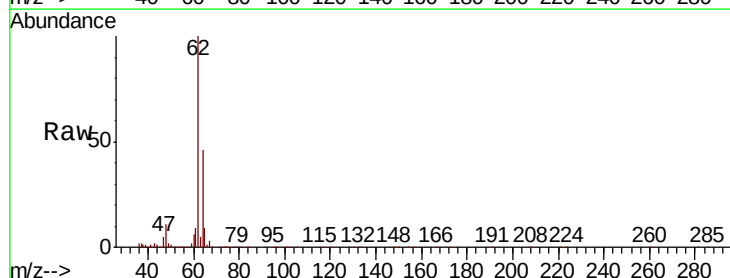
Acq: 02 Oct 2020 18:41

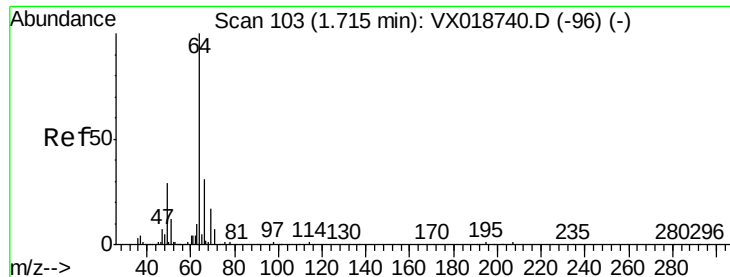
Tgt Ion: 62 Resp: 637436

Ion Ratio Lower Upper

62 100

64 46.1 24.3 45.1#





#8

Chloroethane

Concen: 26.692 ug/L

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

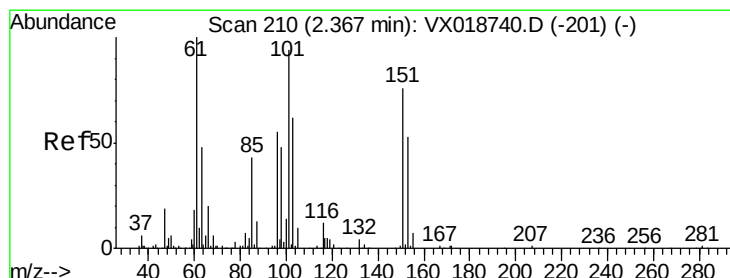
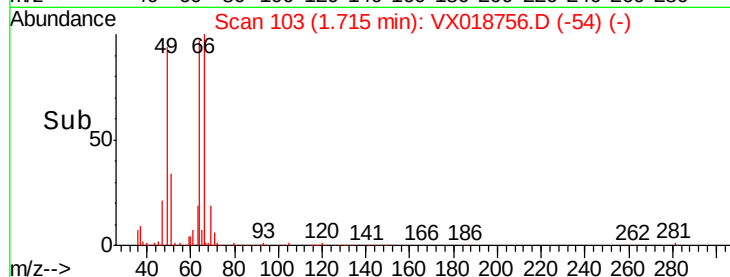
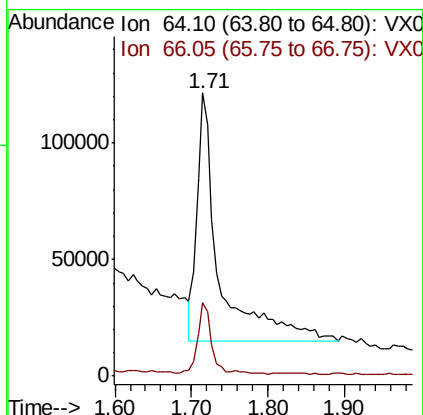
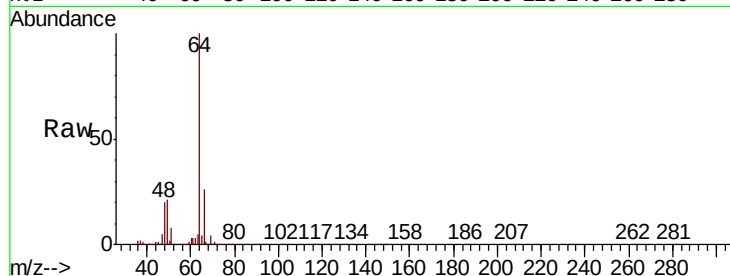
BG3N2

Tot Ion: 64 Resp: 221182

Ion Ratio Lower Upper

64 100

66 25.9 21.5 39.9



#10

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

Concen: 0.346 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

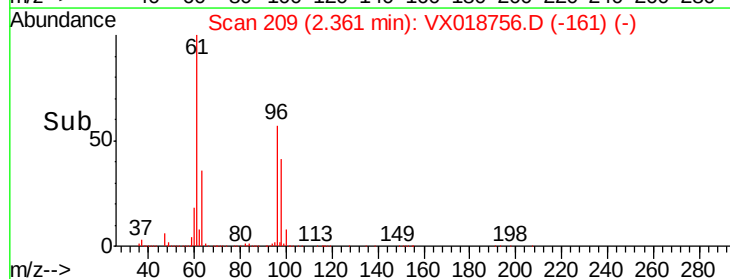
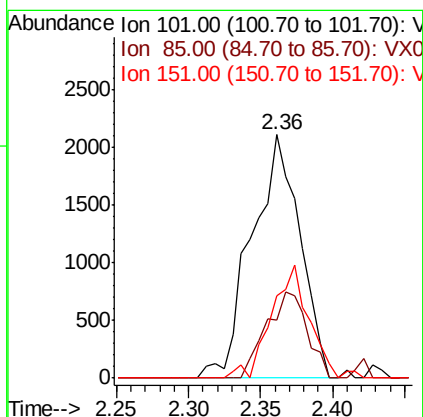
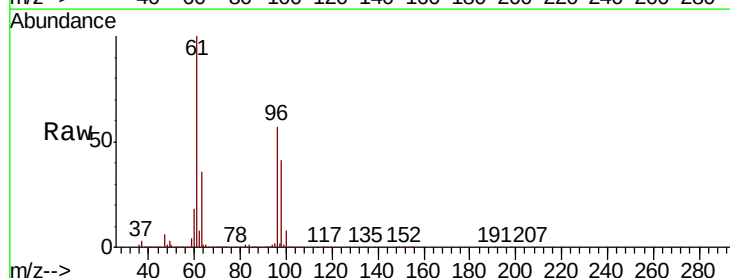
Tgt Ion: 101 Resp: 4925

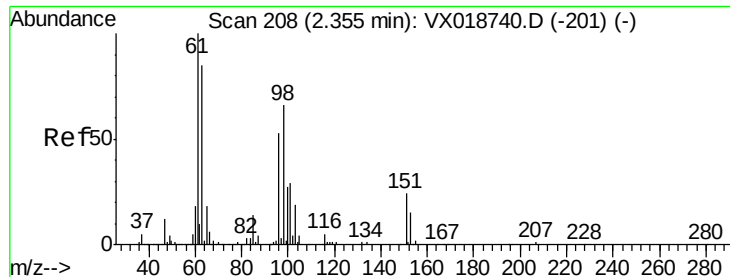
Ion Ratio Lower Upper

101 100

85 29.9 37.1 55.7#

151 37.2 65.0 97.6#

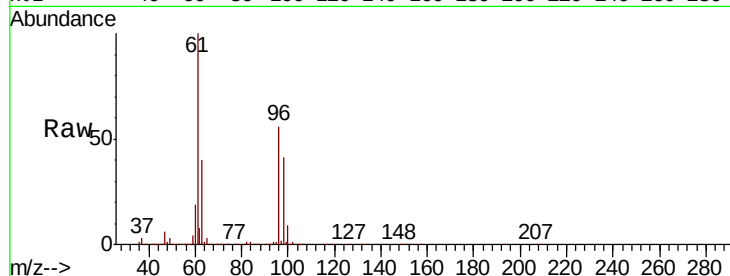




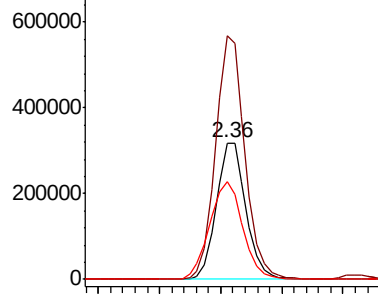
#12
 1,1-Dichloroethene
 Concen: 42.160 ug/L
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N2

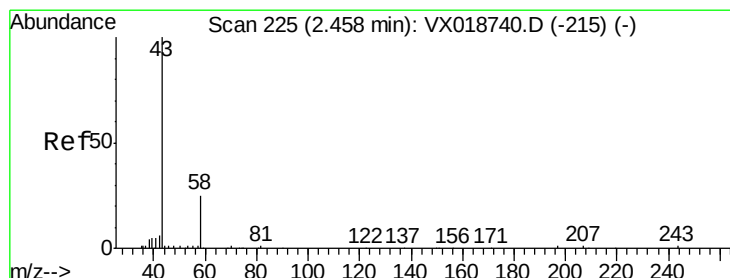
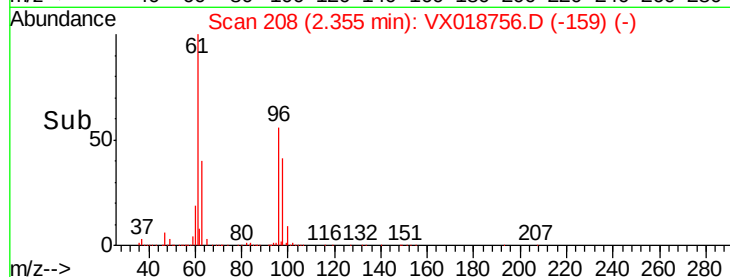
Tot Ion: 96 Resp: 531754
 Ion Ratio Lower Upper
 96 100
 61 178.5 133.2 247.4
 63 71.8 115.1 213.7#



Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.05 (60.75 to 61.75): VX0
 Ion 63.00 (62.70 to 63.70): VX0

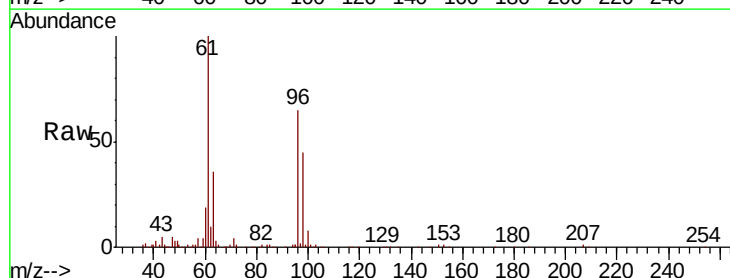


Time--> 2.25 2.30 2.35 2.40 2.45

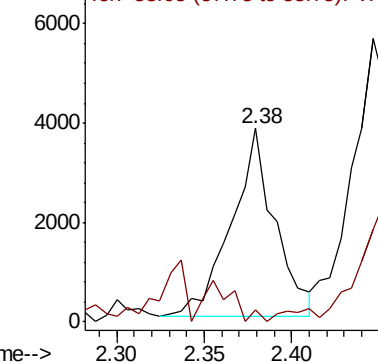


#13
 Acetone
 Concen: 3.084 ug/L
 RT: 2.38 min Scan# 212
 Delta R.T. -0.08 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

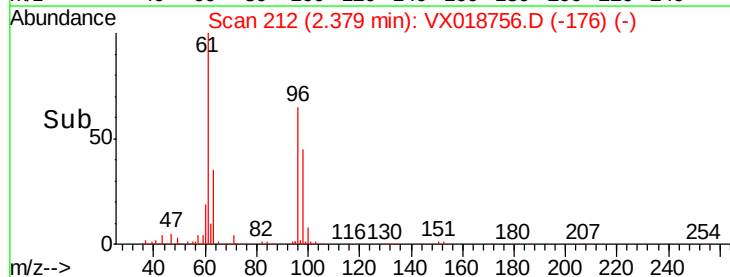
Tgt Ion: 43 Resp: 6533
 Ion Ratio Lower Upper
 43 100
 58 14.7 0.0 56.4

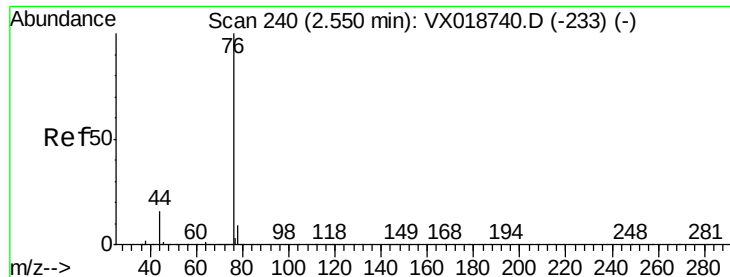


Abundance Ion 43.05 (42.75 to 43.75): VX0
 Ion 58.05 (57.75 to 58.75): VX0



Time--> 2.30 2.35 2.40





#14

Carbon disulfide

Concen: 0.540 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

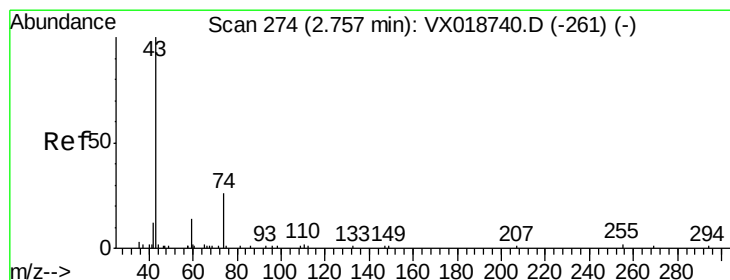
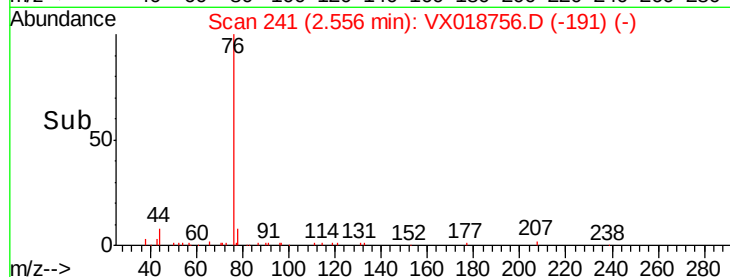
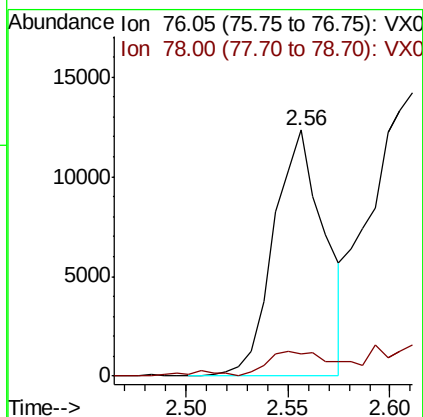
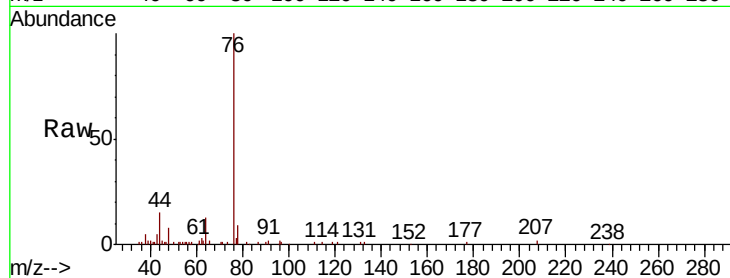
BG3N2

Tot Ion: 76 Resp: 21329

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#15

Methyl Acetate

Concen: 101.279 ug/L

RT: 2.82 min Scan# 285

Delta R.T. 0.07 min

Lab File: VX018756.D

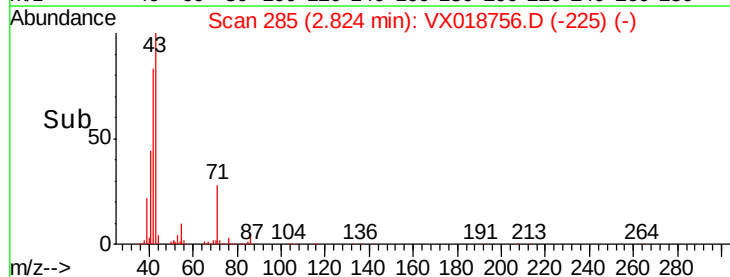
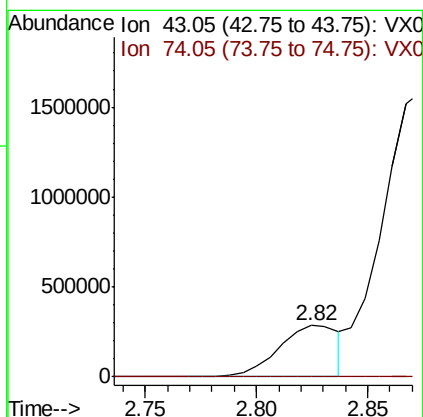
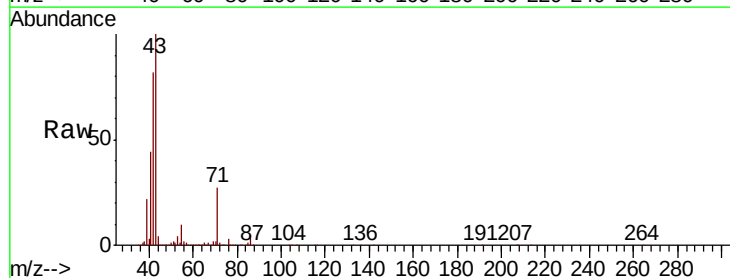
Acq: 02 Oct 2020 18:41

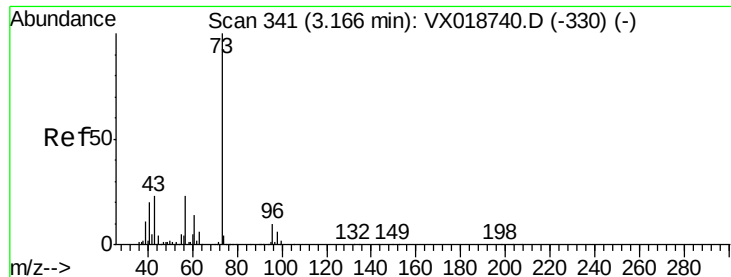
Tgt Ion: 43 Resp: 527235

Ion Ratio Lower Upper

43 100

74 0.1 21.9 32.9#





#17

Methyl tert-butyl Ether

Concen: 0.070 ug/L

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

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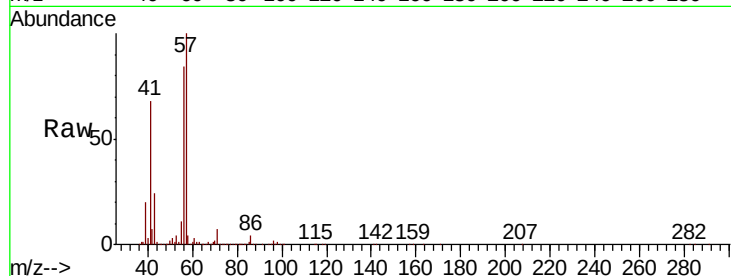
Tot Ion: 73 Resp: 2291

Ion Ratio Lower Upper

73 100

43 79484.4 19.4 29.0#

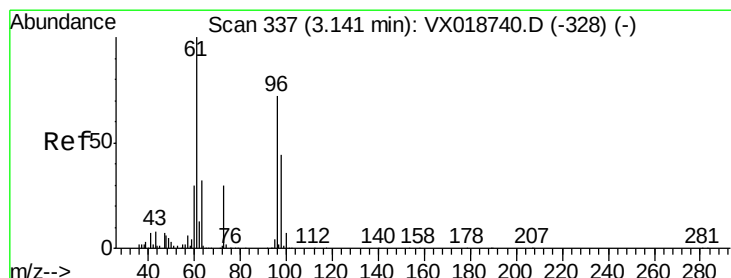
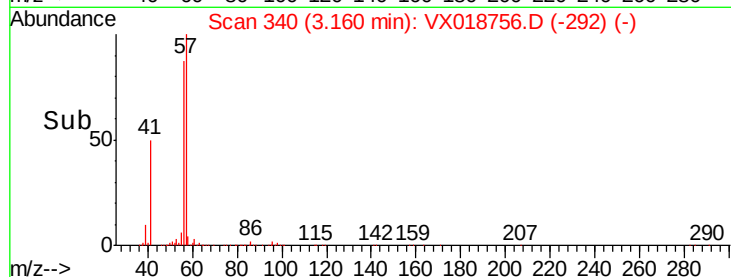
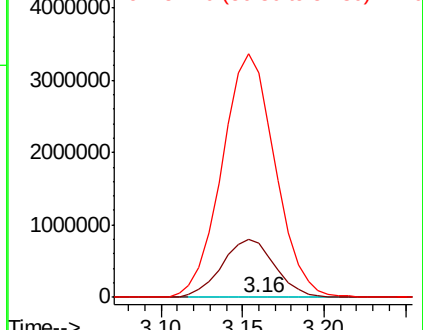
57 333055.6 17.2 25.8#



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: 17.607 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

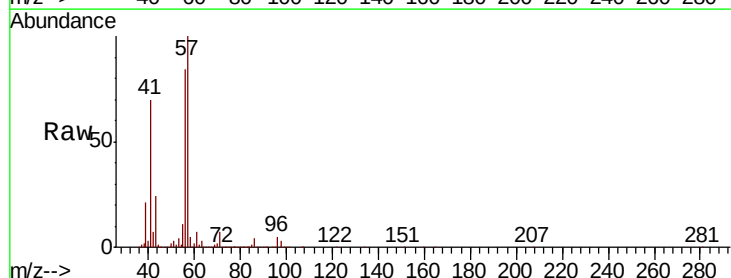
Tgt Ion: 96 Resp: 237792

Ion Ratio Lower Upper

96 100

61 145.4 97.6 181.4

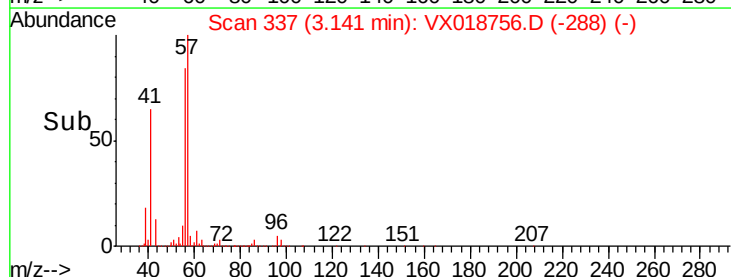
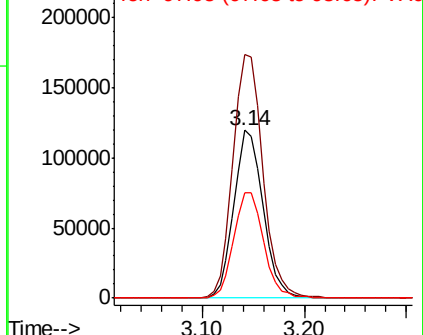
98 62.6 43.1 80.1

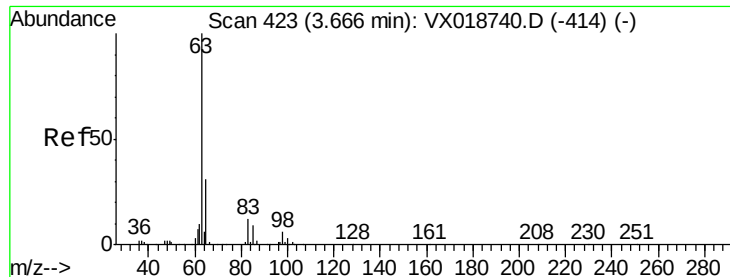


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0





#19

1,1-Dichloroethane

Concen: 288.375 ug/L

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

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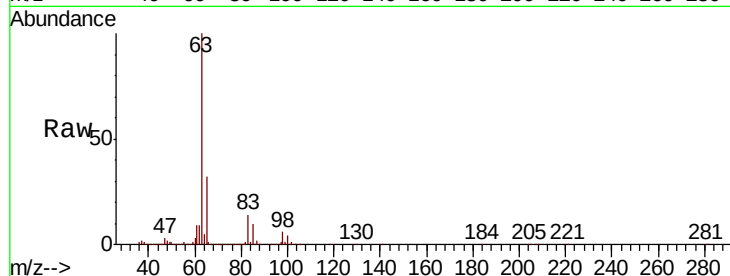
Tot Ion: 63 Resp: 6923520

Ion Ratio Lower Upper

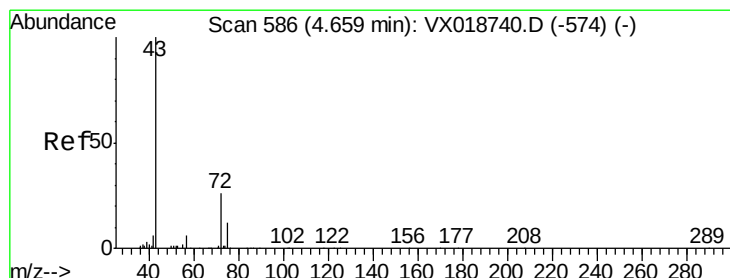
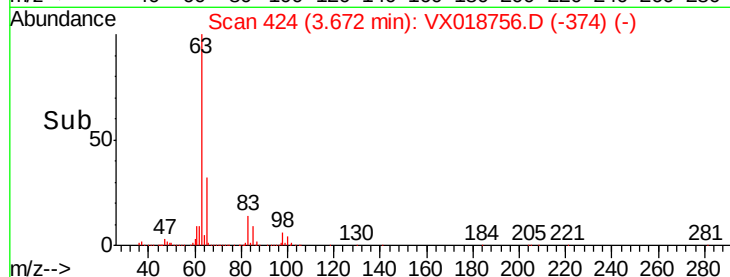
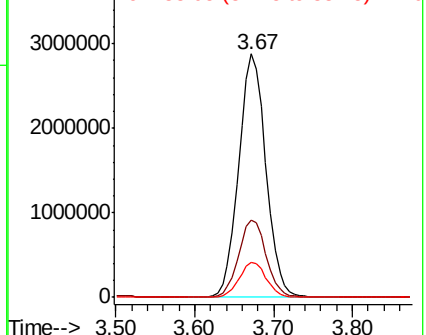
63 100

65 32.0 21.6 40.2

83 14.4 8.7 16.1



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: 420.797 ug/L

RT: 4.39 min Scan# 542

Delta R.T. -0.27 min

Lab File: VX018756.D

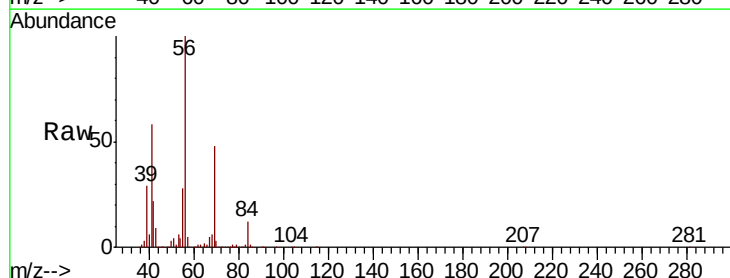
Acq: 02 Oct 2020 18:41

Tgt Ion: 43 Resp: 1297488

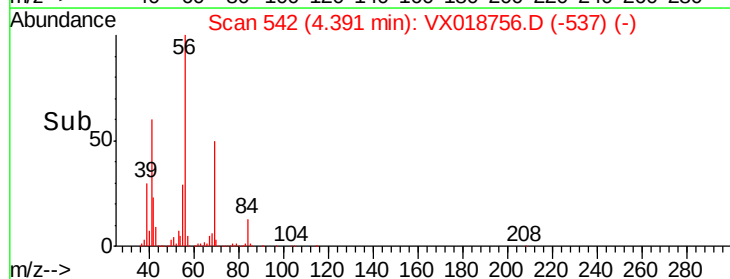
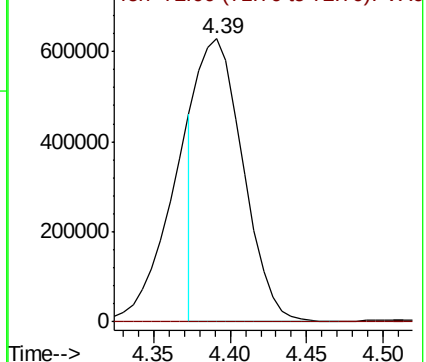
Ion Ratio Lower Upper

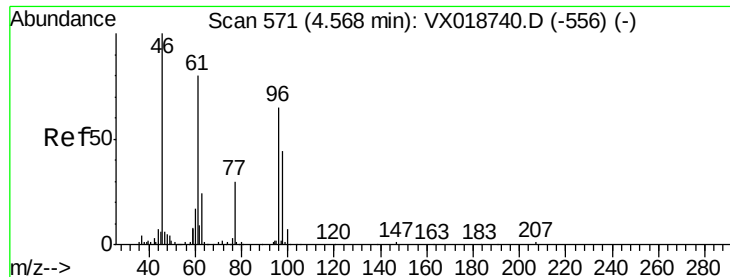
43 100

72 23.2 12.4 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



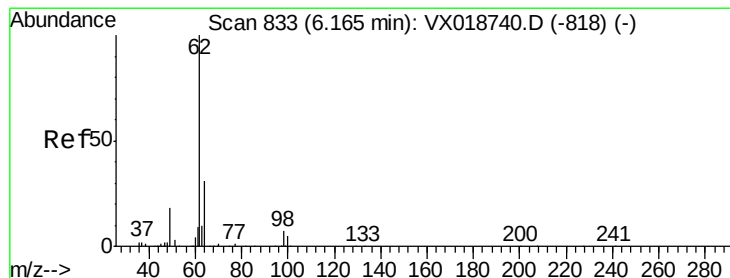
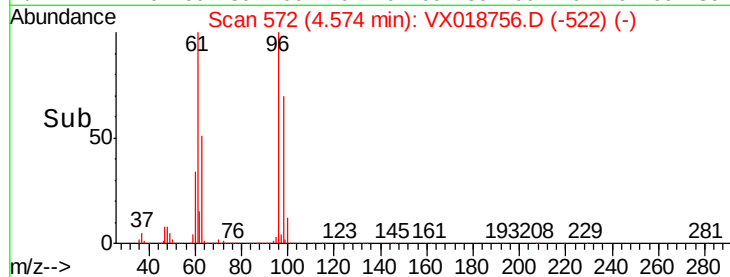
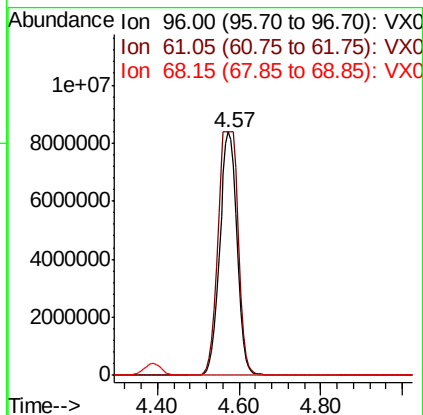
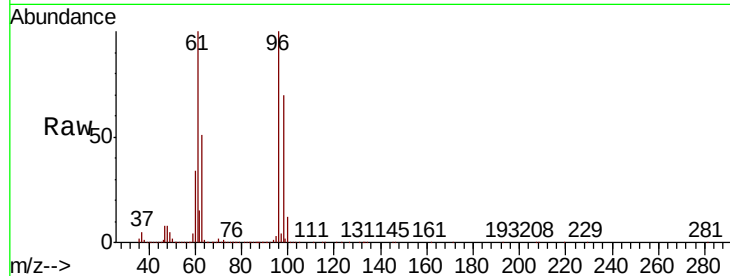


#22

cis-1,2-Dichloroethene
 Concen: 1788.077 ug/L
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

Instrument :
 MSVOA_X
 ClientSampled :
 BG3N2

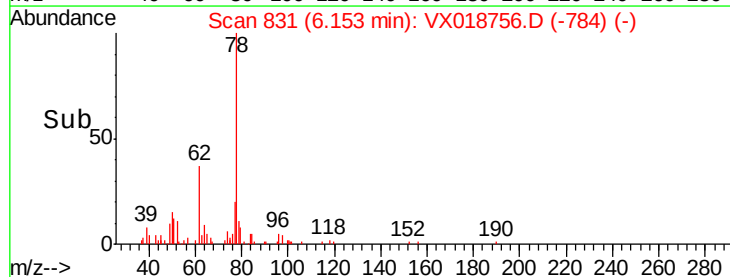
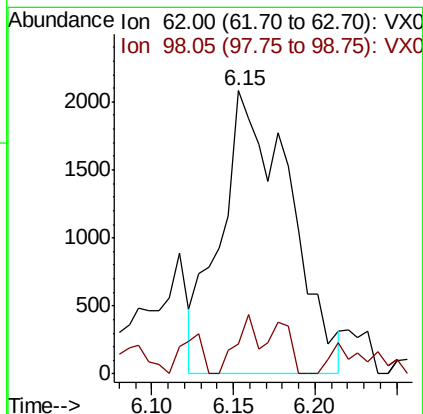
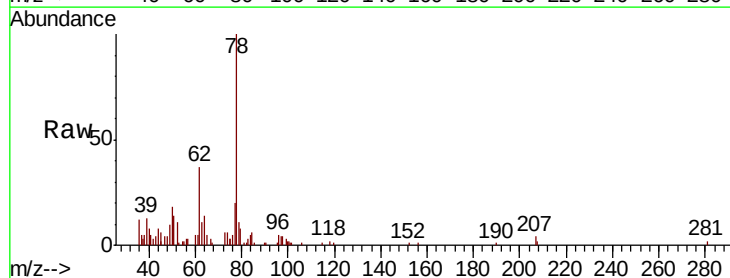
Tot Ion: 96 Resp: 24903758
 Ion Ratio Lower Upper
 96 100
 61 100.0 86.2 160.0
 68 0.0 0.3 0.7#

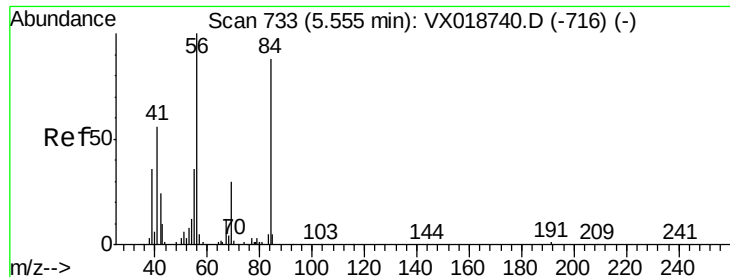


#27

1,2-Dichloroethane
 Concen: 0.307 ug/L
 RT: 6.15 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

Tgt Ion: 62 Resp: 6121
 Ion Ratio Lower Upper
 62 100
 98 10.4 5.8 8.8#

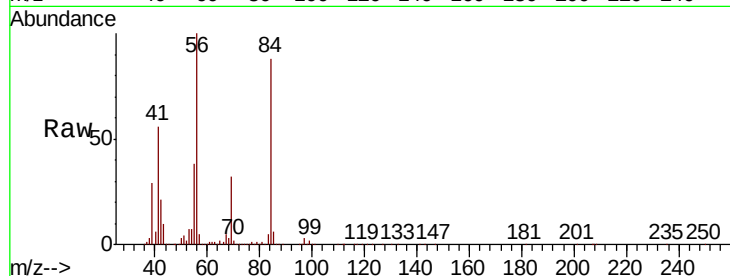




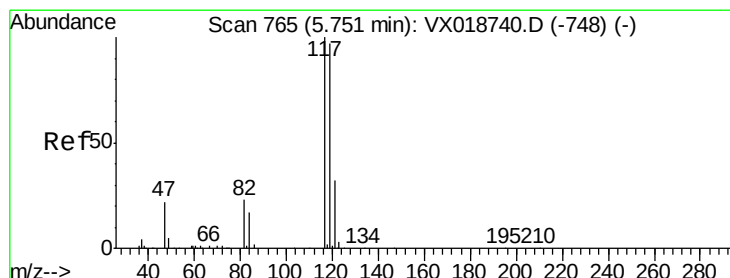
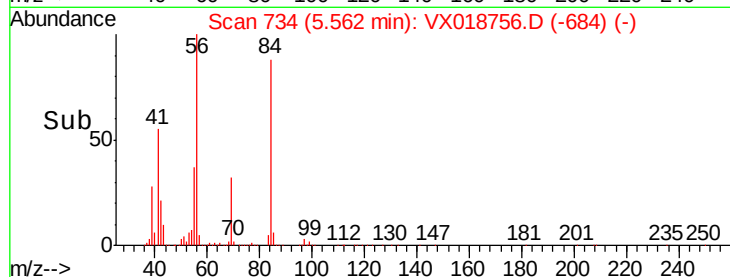
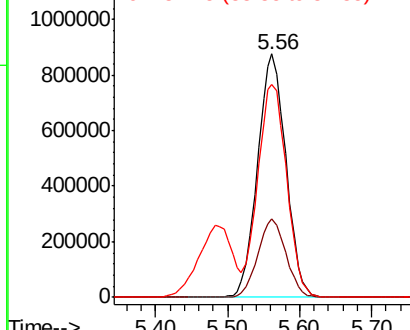
#30
Cyclohexane
Concen: 119.181 ug/L
RT: 5.56 min Scan# 734
Delta R.T. 0.01 min
Lab File: VX018756.D
Acq: 02 Oct 2020 18:41

Instrument :
MSVOA_X
ClientSampled :
BG3N2

Tot Ion: 56 Resp: 2387103
Ion Ratio Lower Upper
56 100
69 32.0 26.0 39.0
84 89.7 73.8 110.6

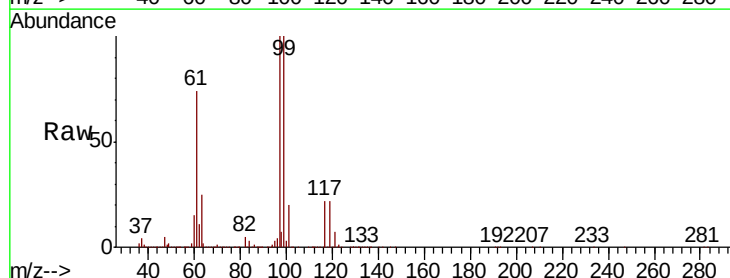


Abundance Ion 56.10 (55.80 to 56.80): VX0
Ion 69.15 (68.85 to 69.85): VX0
Ion 84.15 (83.85 to 84.85): VX0

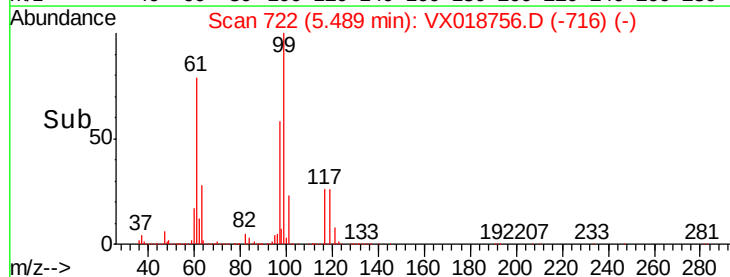
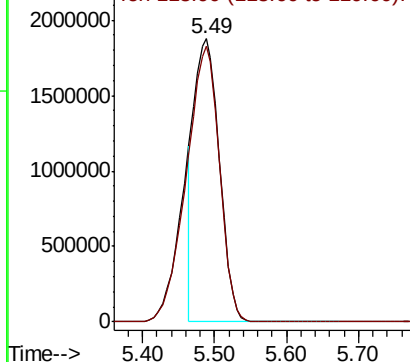


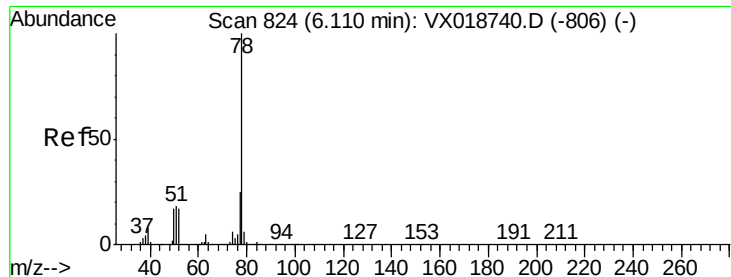
#31
Carbon tetrachloride
Concen: 171.214 ug/L
RT: 5.49 min Scan# 722
Delta R.T. -0.26 min
Lab File: VX018756.D
Acq: 02 Oct 2020 18:41

Tgt Ion: 117 Resp: 4560211
Ion Ratio Lower Upper
117 100
119 97.2 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V





#33

Benzene

Concen: 2.490 ug/L

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

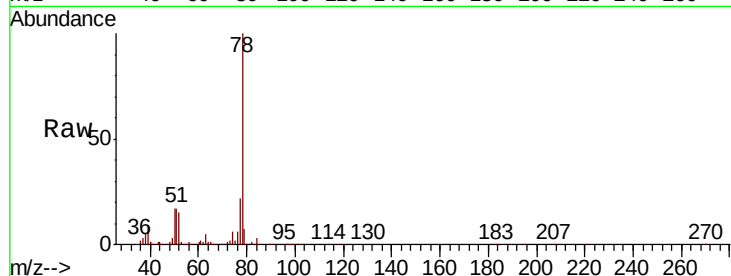
Instrument :

MSVOA_X

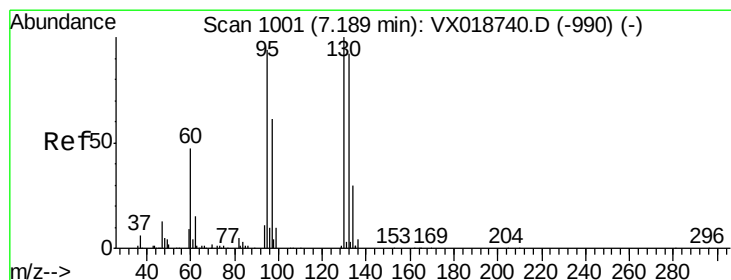
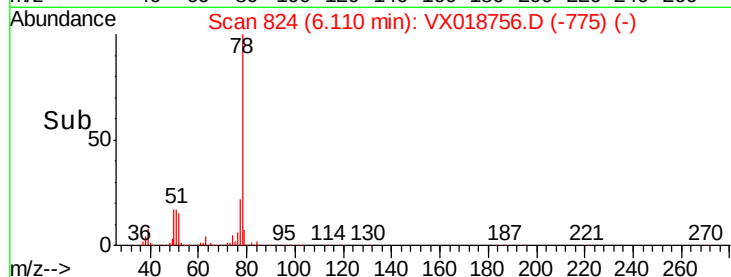
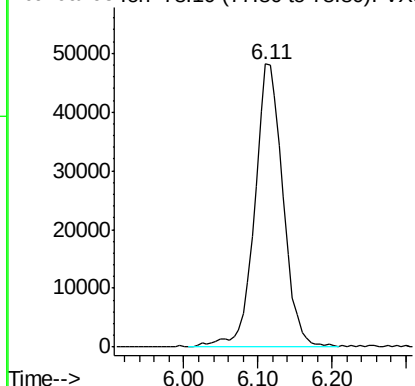
ClientSampleId :

BG3N2

Tgt Ion: 78 Resp: 127263



Abundance Ion 78.10 (77.80 to 78.80): VX0



#34

Trichloroethene

Concen: 1.885 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Tgt Ion: 95 Resp: 28450

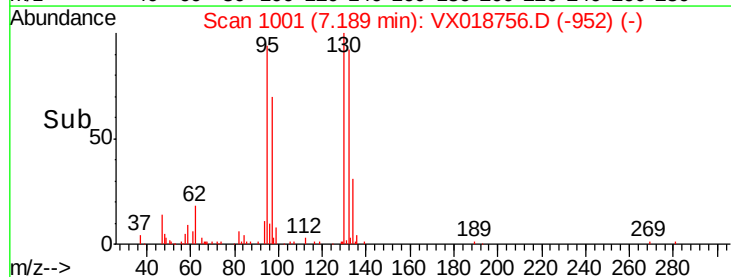
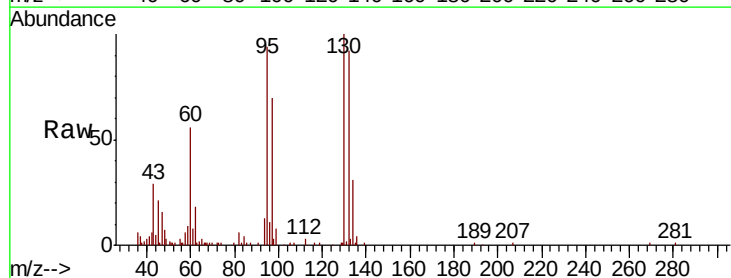
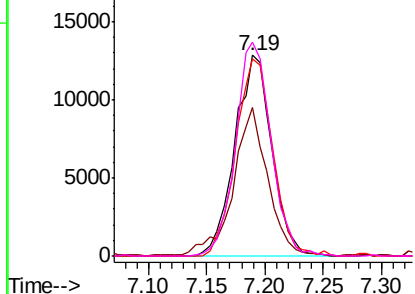
Ion	Ratio	Lower	Upper
95	100		
97	74.1	45.3	84.1
132	98.1	68.6	127.4
130	106.6	74.5	138.3

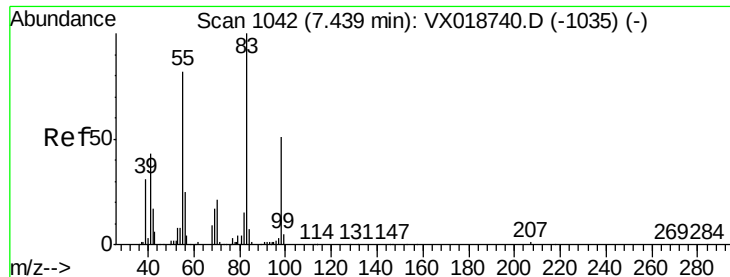
Abundance Ion 95.00 (94.70 to 95.70): VX0

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

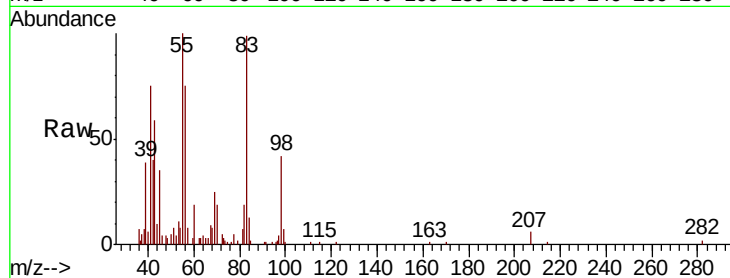




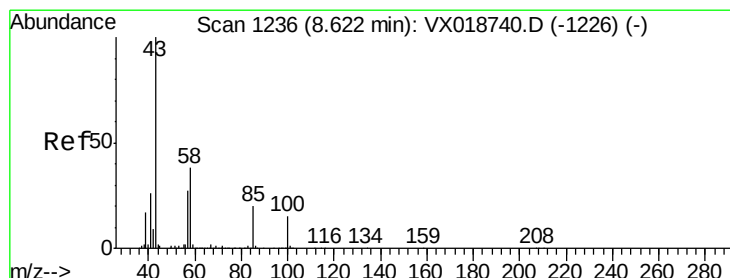
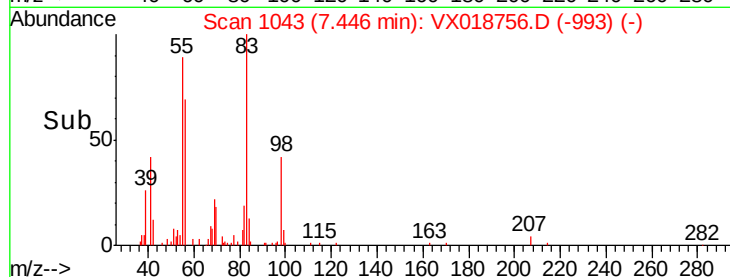
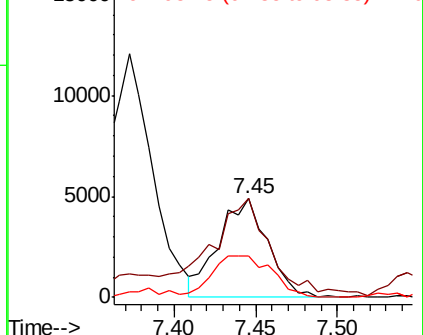
#35
Methylcyclohexane
Concen: 0.478 ug/L
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018756.D
Acq: 02 Oct 2020 18:41

Instrument :
MSVOA_X
ClientSampled :
BG3N2

Tot Ion	Ratio	Lower	Upper
83	100		
55	122.1	60.3	90.5#
98	51.6	39.4	59.0

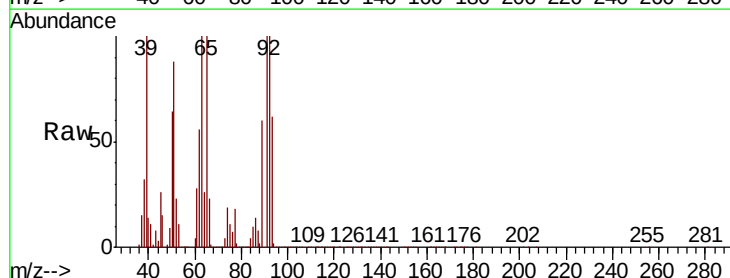


Abundance Ion 83.15 (82.85 to 83.85): VX0
Ion 55.10 (54.80 to 55.80): VX0
Ion 98.15 (97.85 to 98.85): VX0

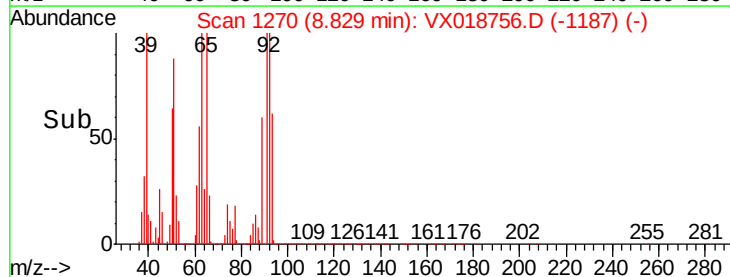
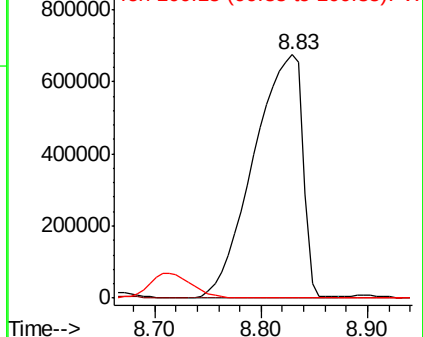


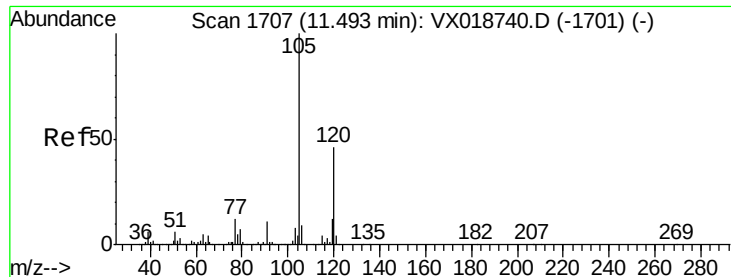
#40
4-Methyl-2-pentanone
Concen: 292.326 ug/L
RT: 8.83 min Scan# 1270
Delta R.T. 0.21 min
Lab File: VX018756.D
Acq: 02 Oct 2020 18:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.8	46.2#
100	0.0	13.2	19.8#



Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 100.15 (99.85 to 100.85): V

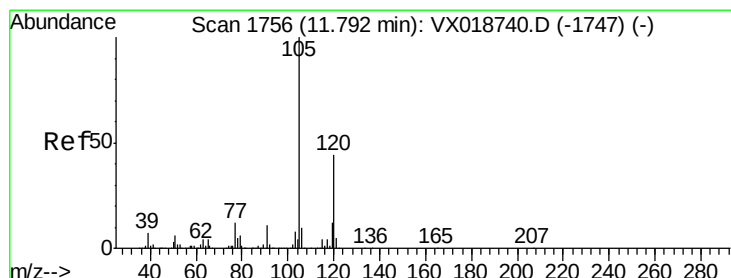
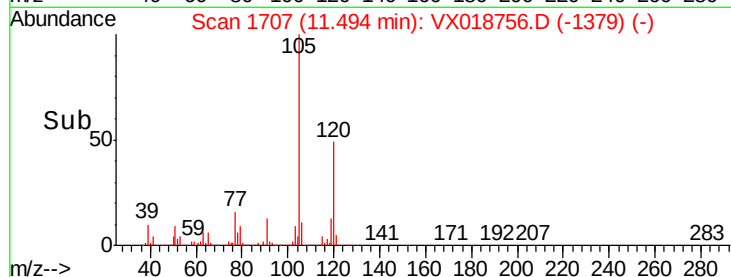
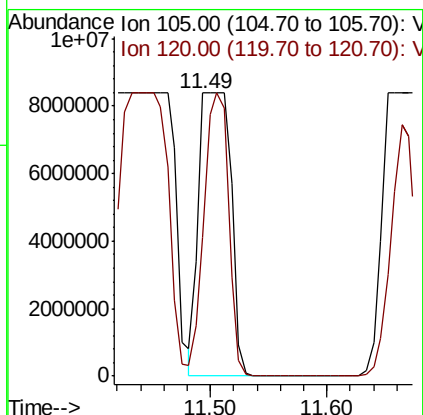
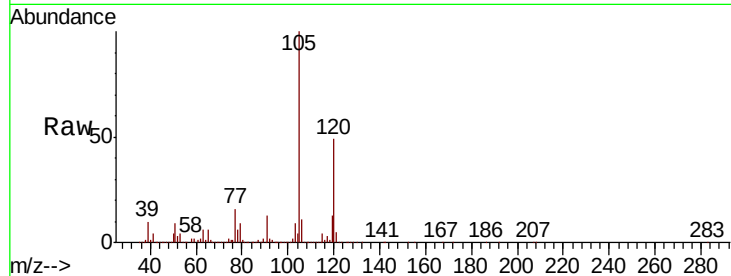




#43
 1,3,5-Trimethylbenzene
 Concen: 301.918 ug/L
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

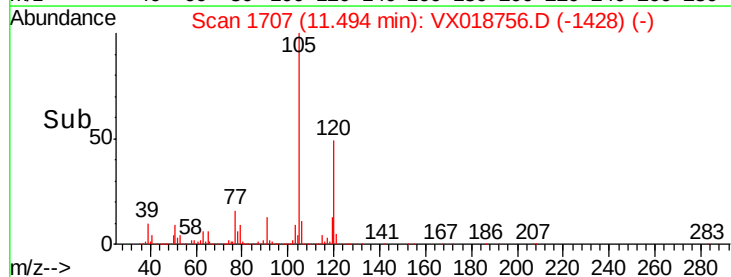
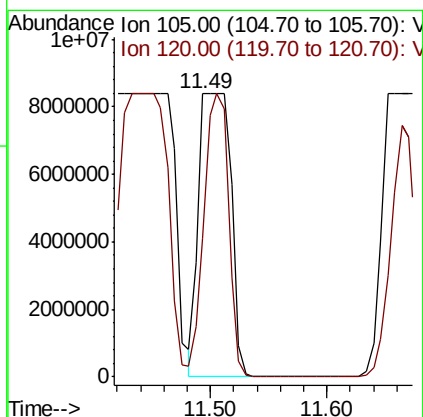
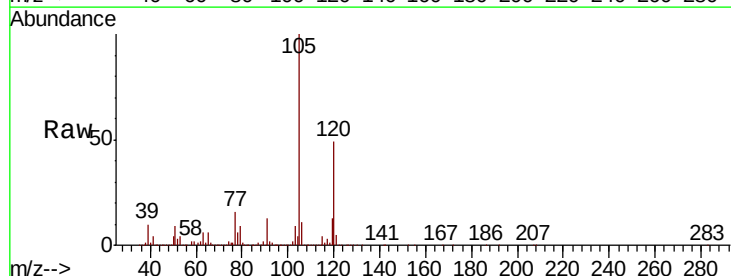
Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N2

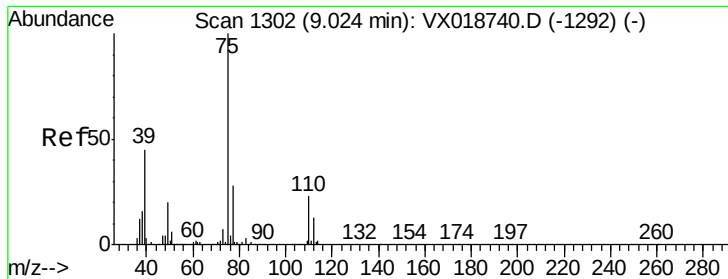
Tot Ion:105 Resp:15984005
 Ion Ratio Lower Upper
 105 100
 120 76.0 37.7 56.5#



#44
 1,2,4-Trimethylbenzene
 Concen: 297.456 ug/L
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.30 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

Tgt Ion:105 Resp:15984005
 Ion Ratio Lower Upper
 105 100
 120 76.0 35.1 52.7#





#46

trans-1,3-Dichloropropene

Concen: 145.569 ug/L

RT: 8.83 min Scan# 1270

Delta R.T. -0.19 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

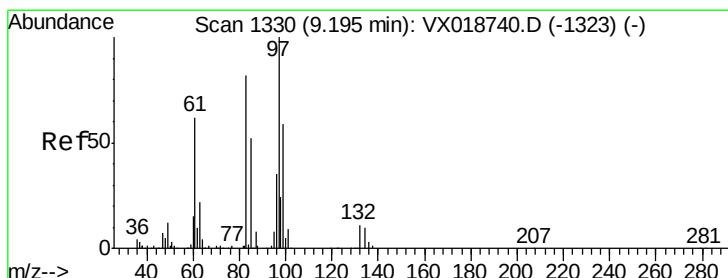
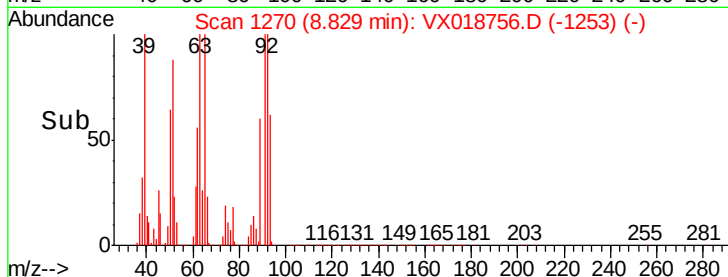
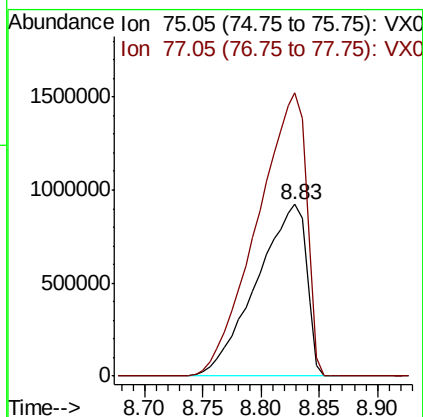
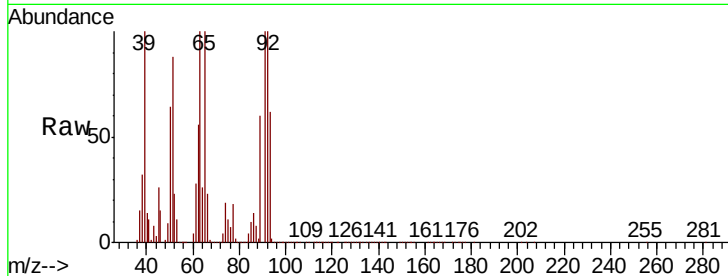
BG3N2

Tot Ion: 75 Resp: 2747327

Ion Ratio Lower Upper

75 100

77 165.0 19.9 37.0#



#47

1,1,2-Trichloroethane

Concen: 0.235 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Tgt Ion: 97 Resp: 2274

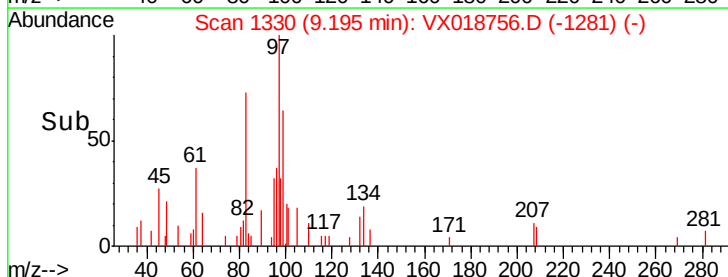
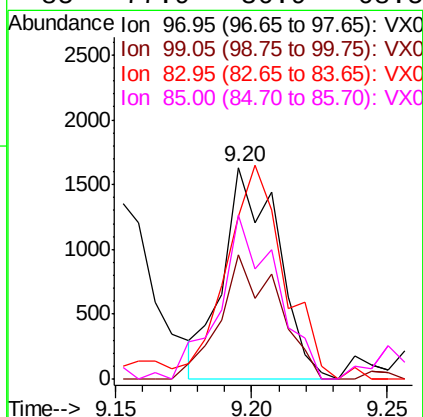
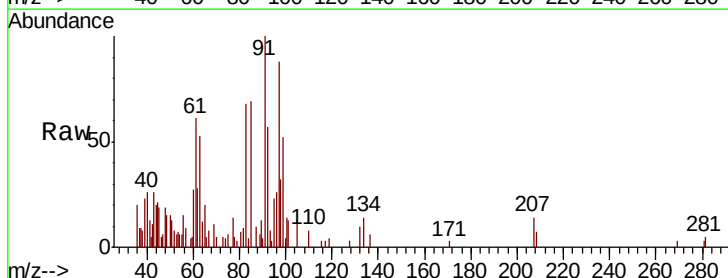
Ion Ratio Lower Upper

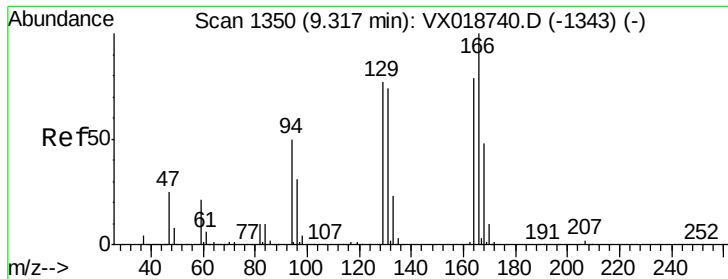
97 100

99 59.0 41.1 76.3

83 77.0 57.5 106.7

85 77.9 36.9 68.5#





#49

Tetrachloroethene

Concen: 0.737 ug/L

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Instrument :

MSVOA_X

ClientSampled :

BG3N2

Tot Ion:164 Resp: 9729

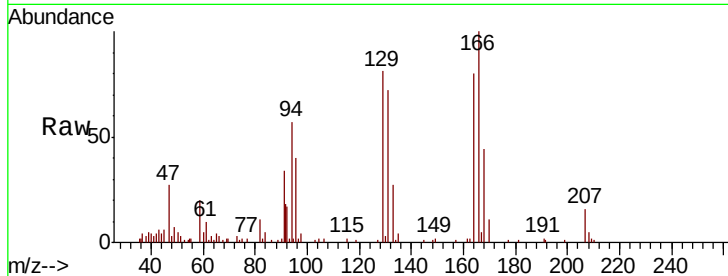
Ion Ratio Lower Upper

164 100

129 101.6 68.7 127.5

131 90.3 65.3 121.3

166 124.8 88.5 164.4

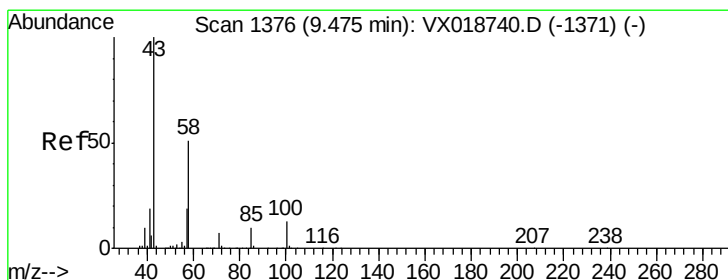
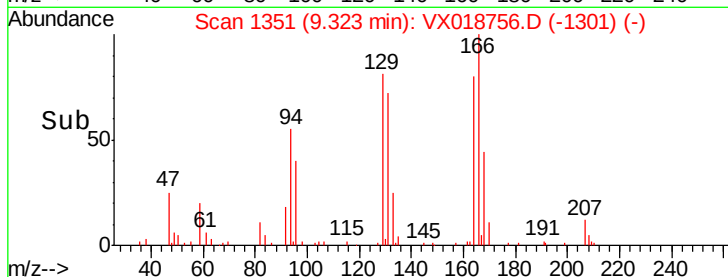
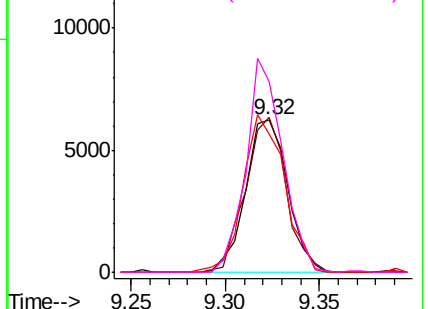


Abundance Ion 163.90 (163.60 to 164.60): V

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



#50

2-Hexanone

Concen: 0.713 ug/L

RT: 9.48 min Scan# 1377

Delta R.T. 0.01 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Tgt Ion: 43 Resp: 3844

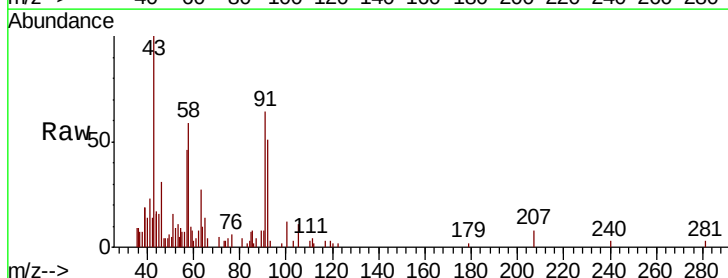
Ion Ratio Lower Upper

43 100

58 81.0 41.0 61.4#

57 175.3 15.9 23.9#

100 18.3 10.1 15.1#

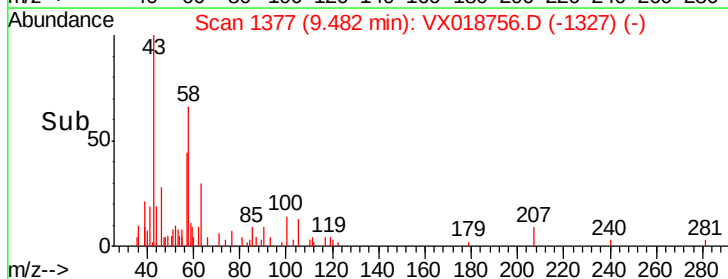
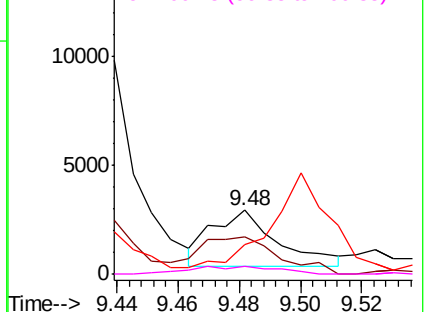


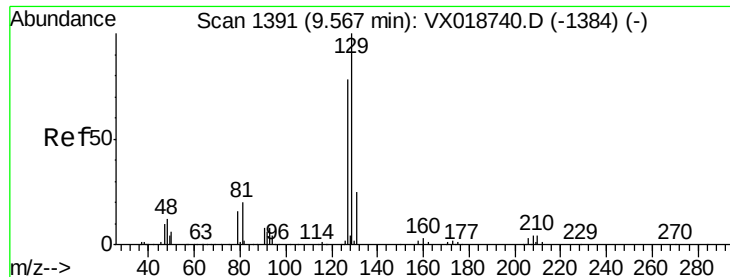
Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): VX0





#51

Dibromochloromethane

Concen: 0.678 ug/L

RT: 9.32 min Scan# 1351

Delta R.T. -0.24 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

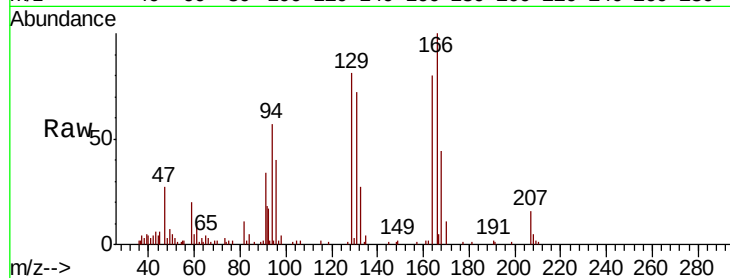
BG3N2

Tot Ion:129 Resp: 9519

Ion Ratio Lower Upper

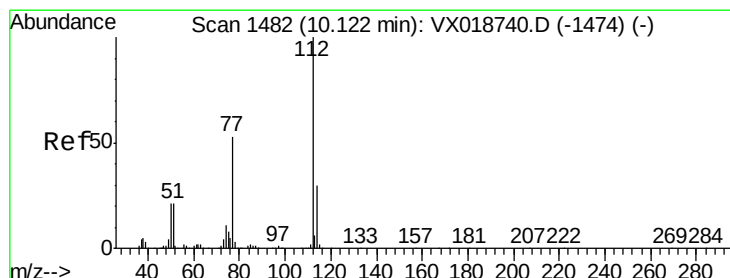
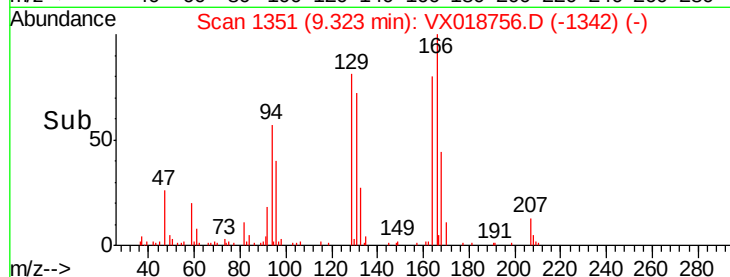
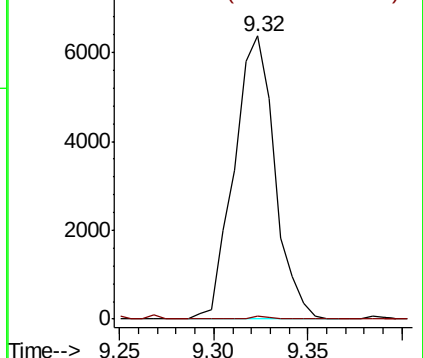
129 100

127 1.1 54.5 101.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#53

Chlorobenzene

Concen: 25.206 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

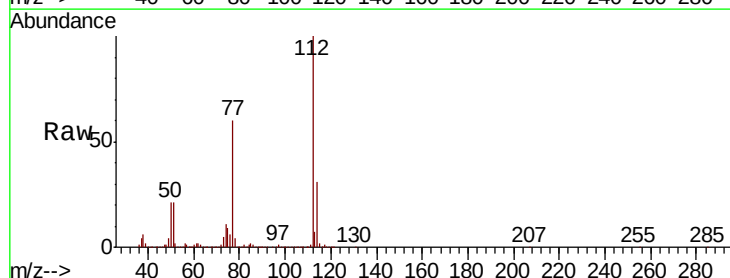
Tgt Ion:112 Resp: 964424

Ion Ratio Lower Upper

112 100

114 31.3 21.3 39.5

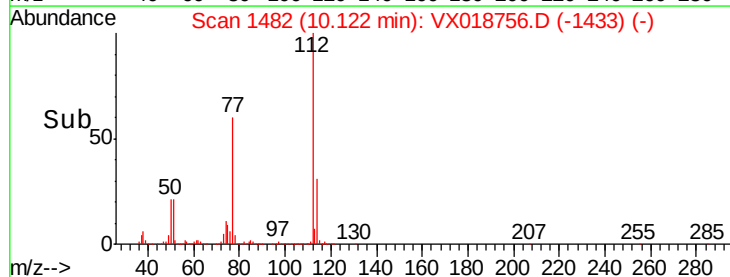
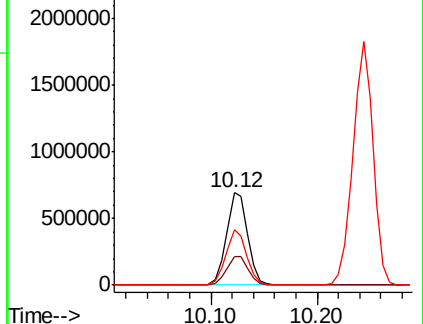
77 59.6 42.4 63.6

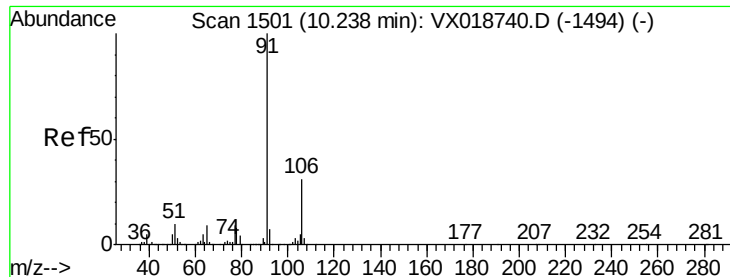


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0





#54

Ethylbenzene

Concen: 270.063 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

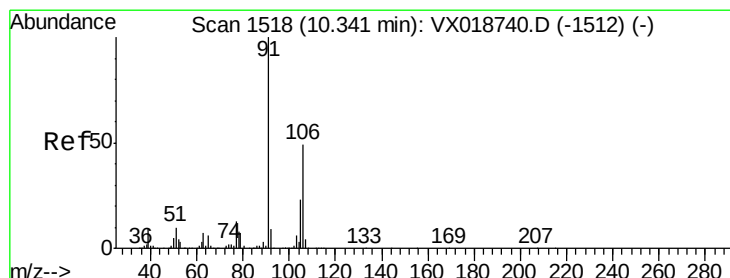
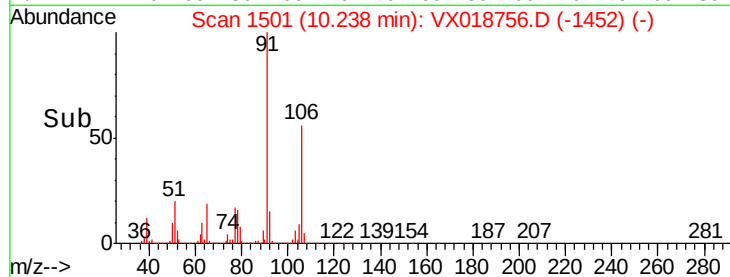
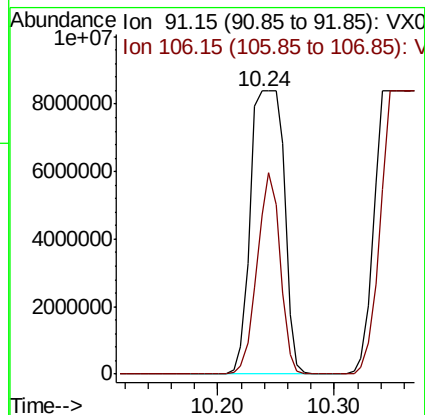
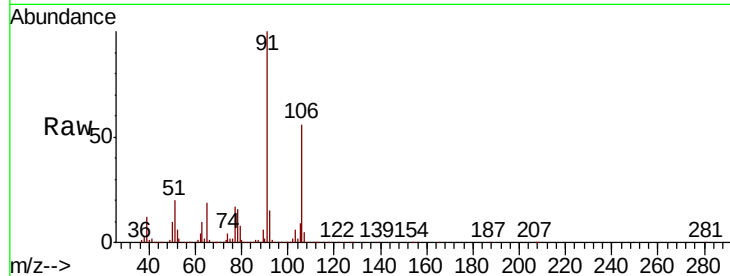
BG3N2

Tot Ion: 91 Resp:16934278

Ion Ratio Lower Upper

91 100

106 56.1 21.5 39.9#



#55

m,p-xylene

Concen: 337.962 ug/L

RT: 10.24 min Scan# 1502

Delta R.T. -0.10 min

Lab File: VX018756.D

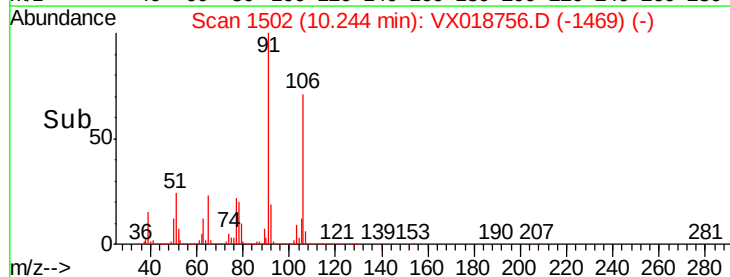
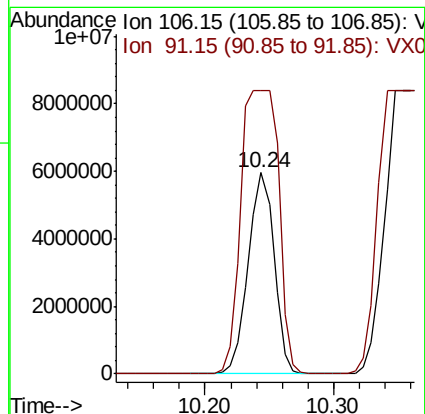
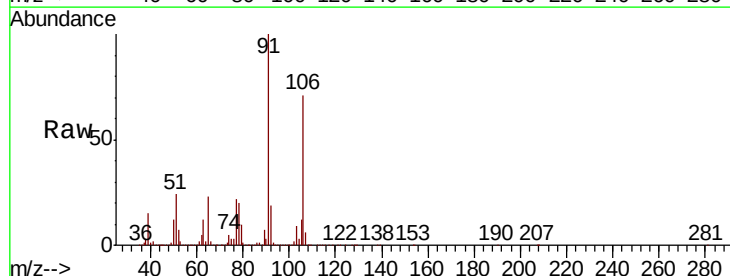
Acq: 02 Oct 2020 18:41

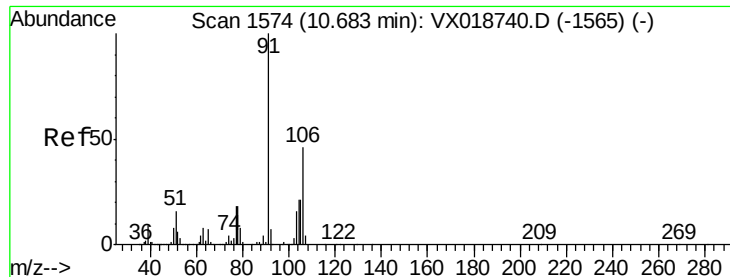
Tgt Ion:106 Resp: 8266223

Ion Ratio Lower Upper

106 100

91 140.5 143.4 266.2#





#56

o-xylene

Concen: 663.200 ug/L

RT: 10.69 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

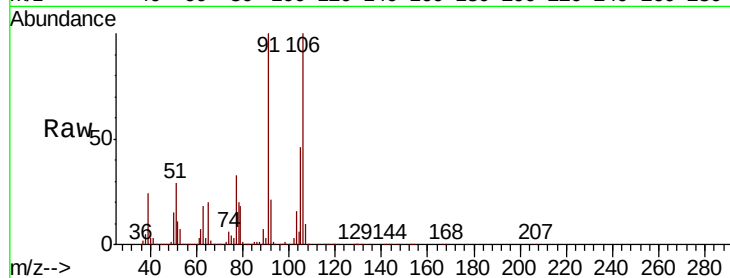
BG3N2

Tot Ion:106 Resp:14990443

Ion Ratio Lower Upper

106 100

91 100.0 153.4 284.8#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

10.69

8000000

6000000

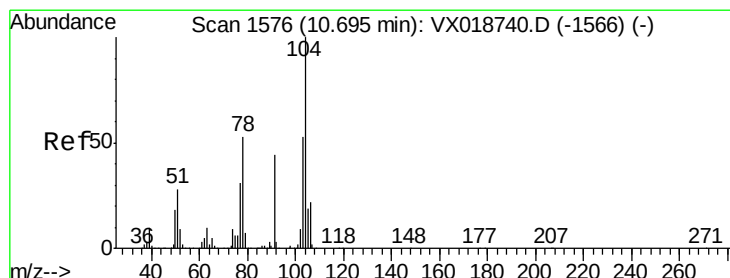
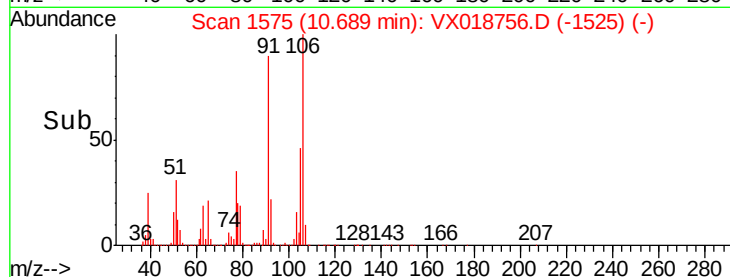
4000000

2000000

0

10.60 10.70 10.80

Time-->



#57

Styrene

Concen: 24.879 ug/L

RT: 10.69 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018756.D

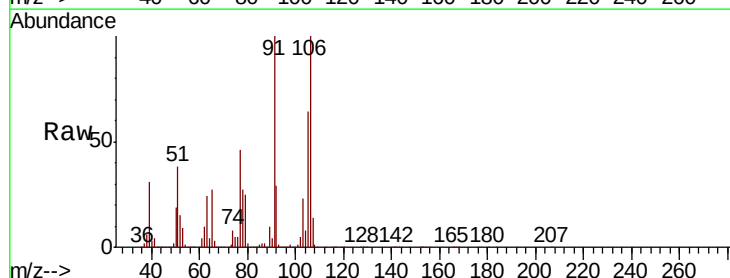
Acq: 02 Oct 2020 18:41

Tgt Ion:104 Resp: 959273

Ion Ratio Lower Upper

104 100

78 337.0 37.1 68.9#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0

2500000

2000000

1500000

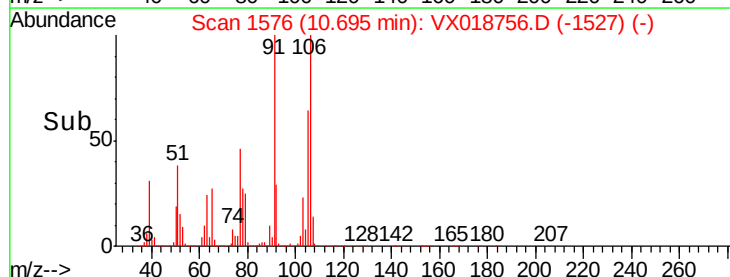
1000000

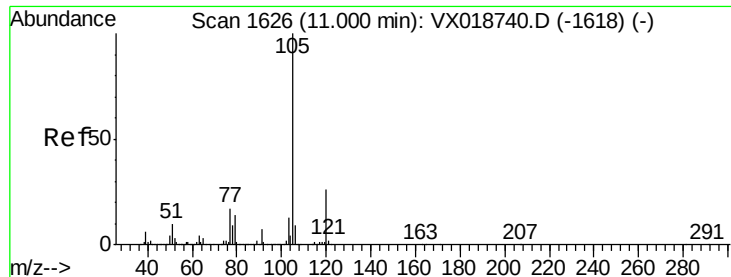
500000

0

10.60 10.70 10.80

Time-->





#58

Isopropylbenzene

Concen: 111.395 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

BG3N2

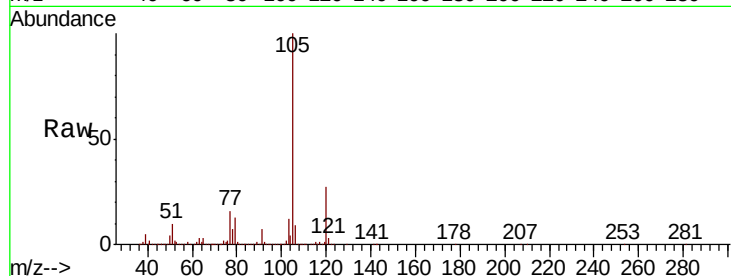
Tot Ion:105 Resp: 7048979

Ion Ratio Lower Upper

105 100

120 26.5 20.2 30.2

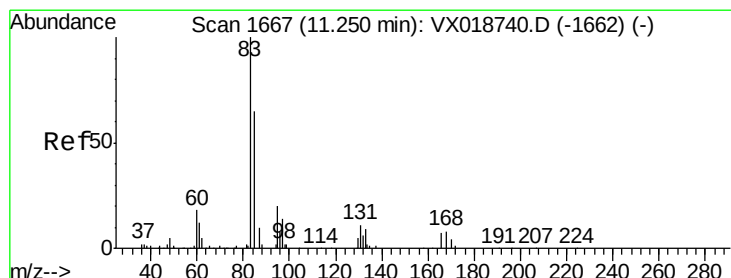
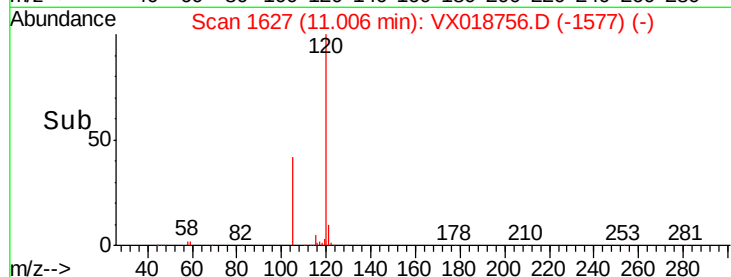
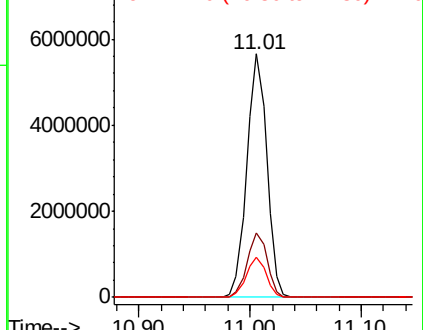
77 16.3 13.3 19.9



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): V



#60

1,1,2,2-Tetrachloroethane

Concen: 0.136 ug/L

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

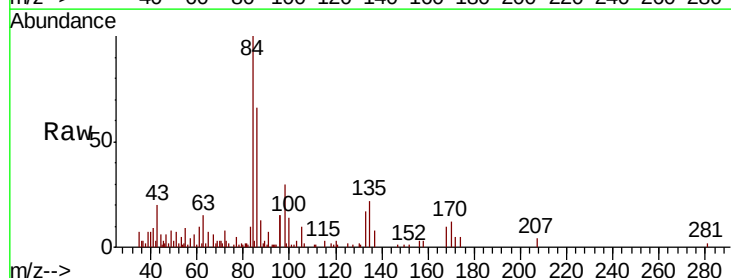
Tgt Ion: 83 Resp: 1456

Ion Ratio Lower Upper

83 100

85 35.7 46.5 86.5#

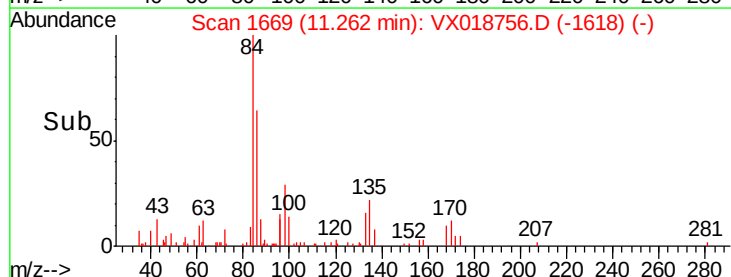
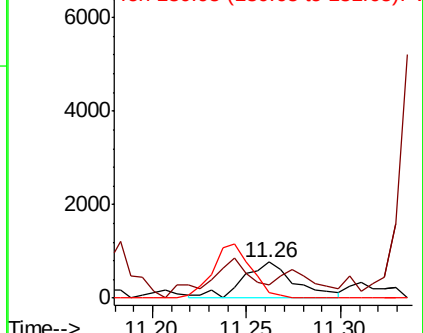
131 15.2 9.6 14.4#

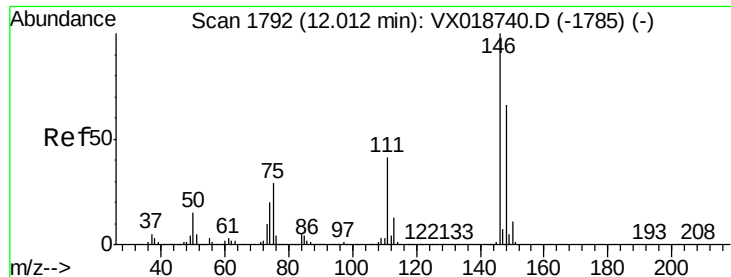


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V

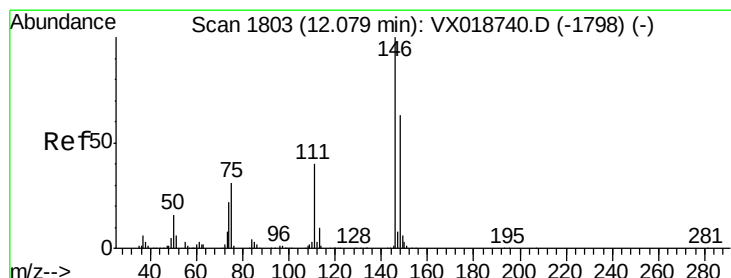
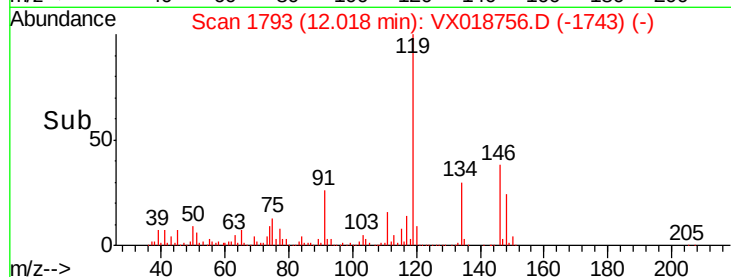
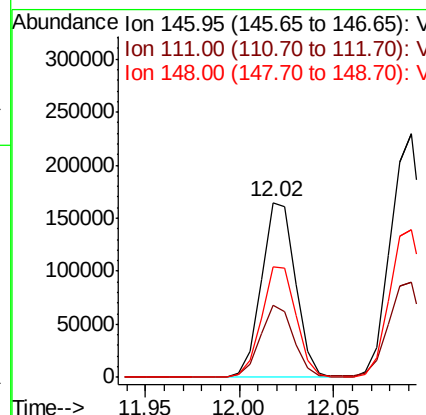
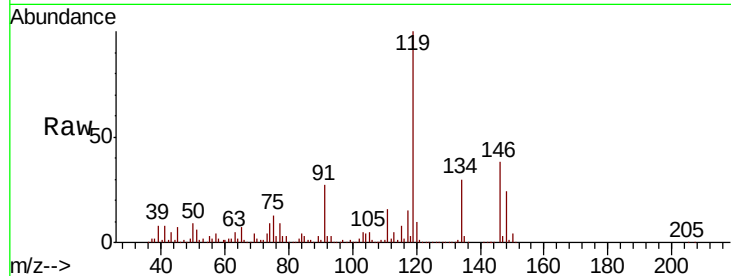




#63
 1,3-Dichlorobenzene
 Concen: 6.516 ug/L
 RT: 12.02 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

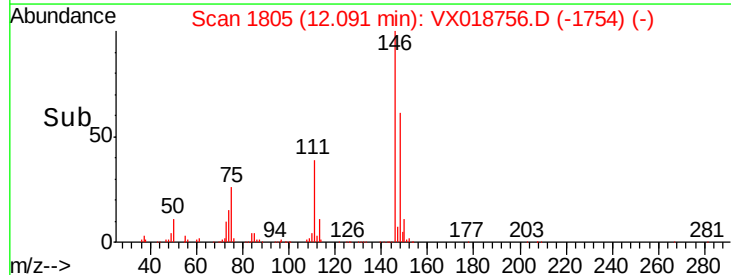
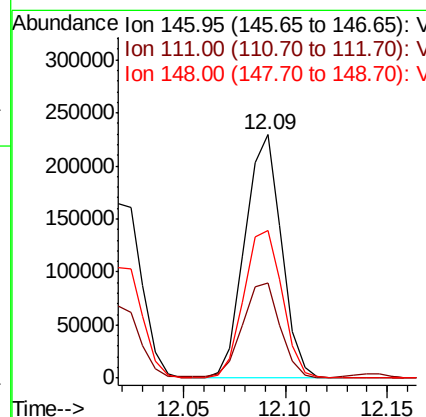
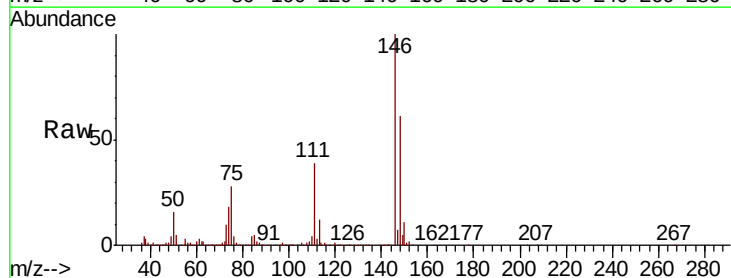
Instrument :
 MSVOA_X
 ClientSampled :
 BG3N2

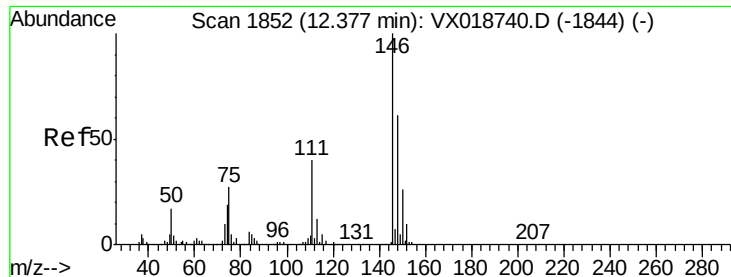
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	28.4	52.8
148	62.8	45.9	85.3



#64
 1,4-Dichlorobenzene
 Concen: 9.035 ug/L
 RT: 12.09 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	28.6	53.2
148	60.9	44.2	82.0

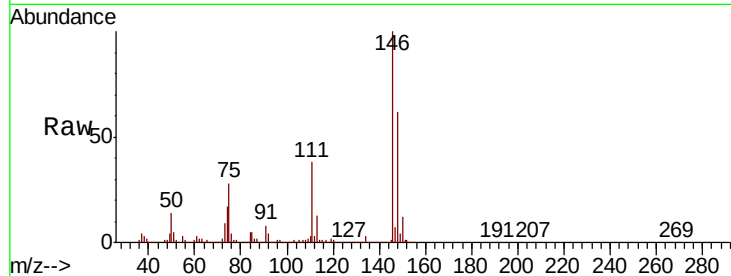




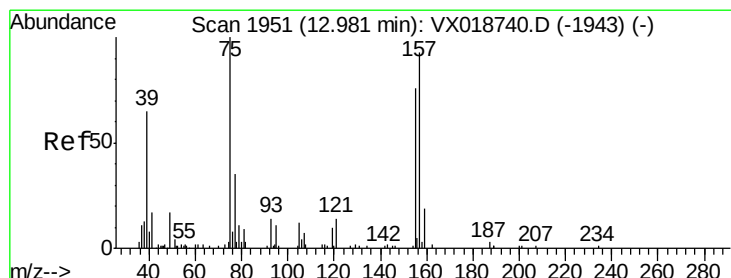
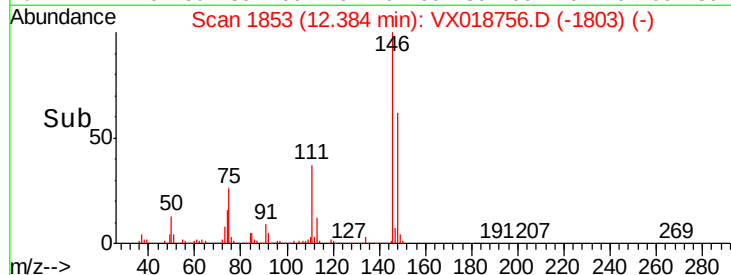
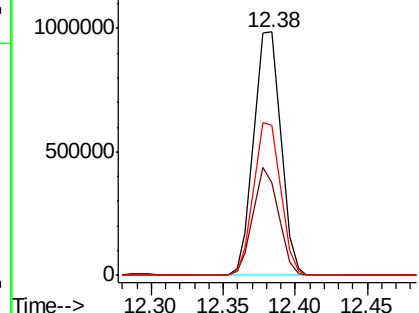
#66
 1,2-Dichlorobenzene
 Concen: 43.304 ug/L
 RT: 12.38 min Scan# 1853
 Delta R.T. 0.01 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

Instrument :
 MSVOA_X
 ClientSampled :
 BG3N2

Tot Ion:146 Resp: 1280684
 Ion Ratio Lower Upper
 146 100
 111 37.8 31.7 47.5
 148 61.6 49.0 73.6

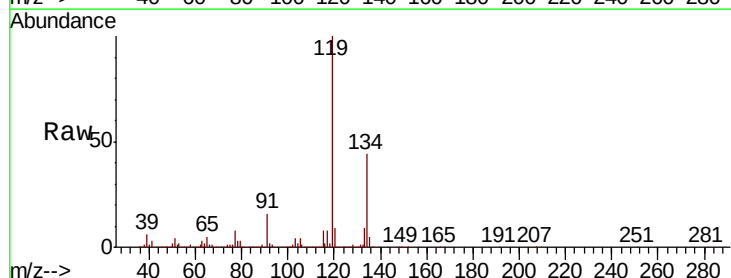


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

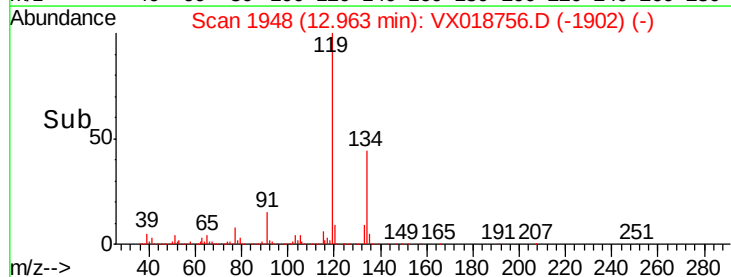
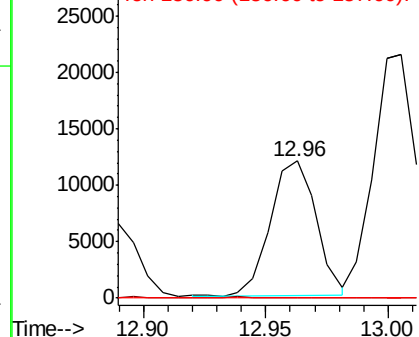


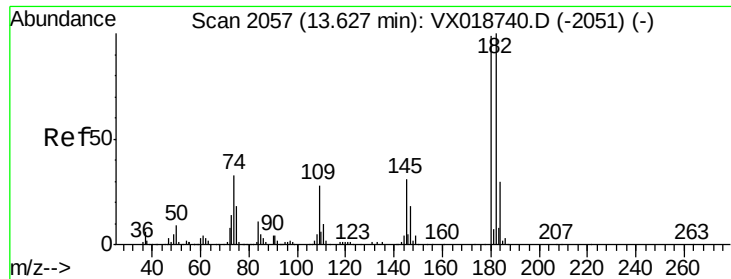
#67
 1,2-Dibromo-3-chloropropane
 Concen: 6.237 ug/L
 RT: 12.96 min Scan# 1948
 Delta R.T. -0.02 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

Tgt Ion: 75 Resp: 15721
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.1 91.7#
 157 0.4 74.2 111.2#



Abundance Ion 75.05 (74.75 to 75.75): VX0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V





#69

1,2,4-trichlorobenzene

Concen: 6.423 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

Instrument :

MSVOA_X

ClientSampled :

BG3N2

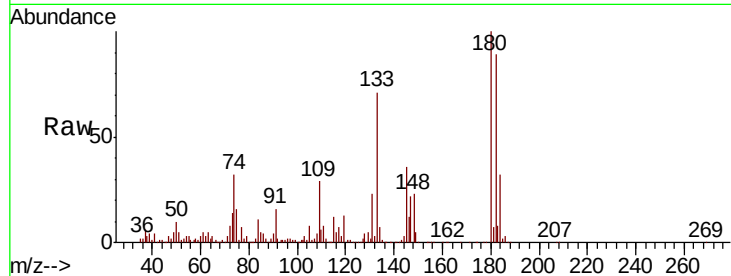
Tot Ion:180 Resp: 130012

Ion Ratio Lower Upper

180 100

182 92.0 80.2 120.4

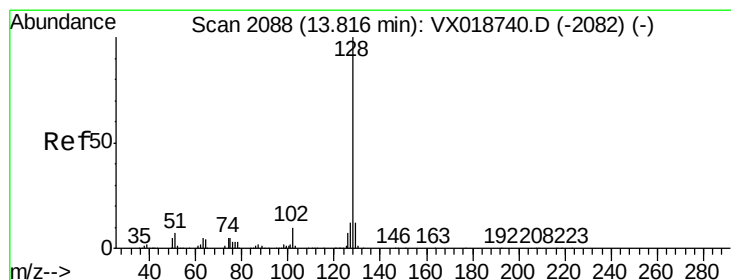
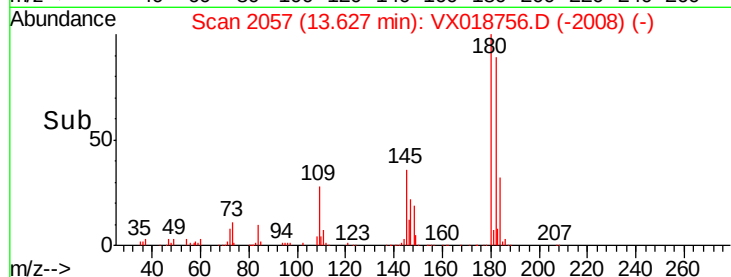
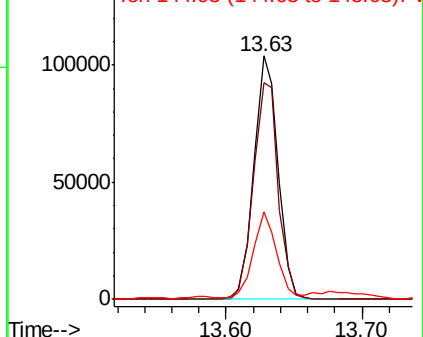
145 35.1 25.2 37.8



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#70

Naphthalene

Concen: 389.655 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018756.D

Acq: 02 Oct 2020 18:41

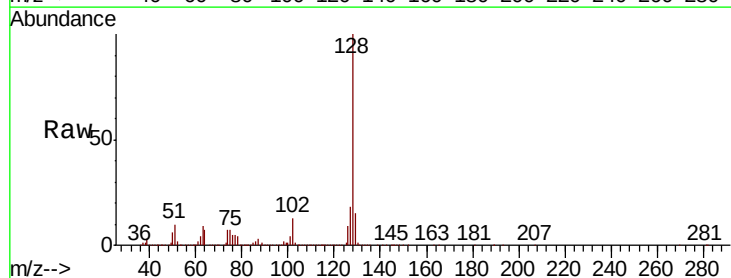
Tgt Ion:128 Resp:12891077

Ion Ratio Lower Upper

128 100

129 13.5 9.0 13.4#

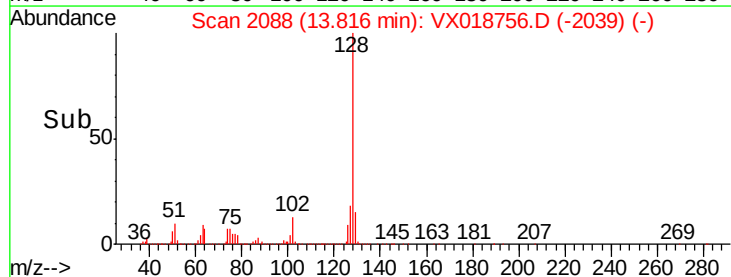
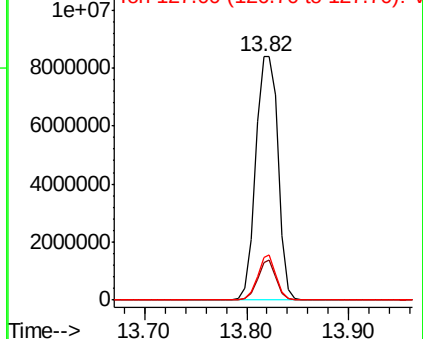
127 15.4 10.5 15.7

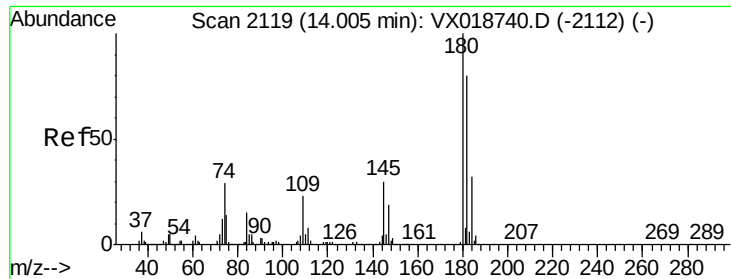


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

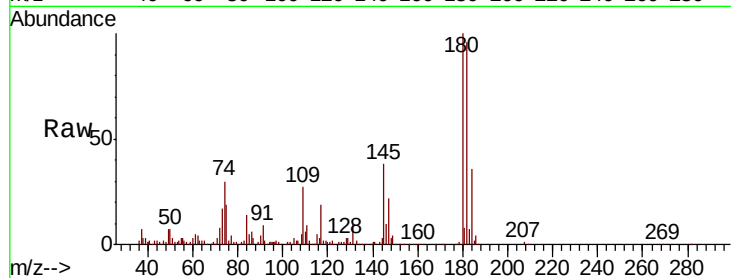




#71
 1,2,3-Trichlorobenzene
 Concen: 3.037 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018756.D
 Acq: 02 Oct 2020 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N2

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	73.6	110.4
145	48.9	26.6	40.0



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

