

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018757.D
 Acq On : 02 Oct 2020 19:05
 Operator : JC/SP
 Sample : L4239-04
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N3

Quant Time: Oct 03 05:23:19 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	6.84	114	284524	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	274277	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	138432	5.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	92229	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.70	69	70467	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.35	63	719142	19.18	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	383.60%#
20) 2-Butanone-d5	4.59	46	232328	53.29	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.58%
24) Chloroform-d	5.15	84	178668	4.44	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	6.04	65	107532	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	6.06	84	347595	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	7.38	67	105232	5.34	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	8.73	98	180449	2.69	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.80%#
45) trans-1,3-Dichloropropene-	9.01	79	46985	4.43	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	9.43	63	200726	56.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.98%
59) 1,1,2,2-Tetrachloroethane-	11.24	84	79679	4.97	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
65) 1,2-Dichlorobenzene-d4	12.37	152	136317	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

					Ovalue
3) Chloromethane	1.34	50	20624	1.499 ug/L #	50
5) Vinyl chloride	1.39	62	31320	2.040 ug/L #	1
8) Chloroethane	1.71	64	31588	3.392 ug/L #	63
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	5596	0.350 ug/L #	61
12) 1,1-Dichloroethene	2.35	96	1024075	72.254 ug/L #	60
13) Acetone	2.45	43	69756	29.308 ug/L	100
14) Carbon disulfide	2.56	76	110310	2.487 ug/L	99
15) Methyl Acetate	2.82	43	378732	64.742 ug/L #	49
16) Methylene chloride	2.84	84	1898	0.110 ug/L #	1
18) trans-1,2-Dichloroethene	3.15	96	321582	21.190 ug/L	95
19) 1,1-Dichloroethane	3.67	63	1695279	62.837 ug/L	96
21) 2-Butanone	4.67	43	71958	20.768 ug/L	93
27) 1,2-Dichloroethane	6.17	62	2387	0.107 ug/L #	96
30) Cyclohexane	5.59	56	1556940	69.185 ug/L	90
31) Carbon tetrachloride	5.54	117	22738370	759.828 ug/L	98
33) Benzene	6.12	78	522286	9.093 ug/L	100
34) Trichloroethene	7.20	95	36297	2.140 ug/L	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

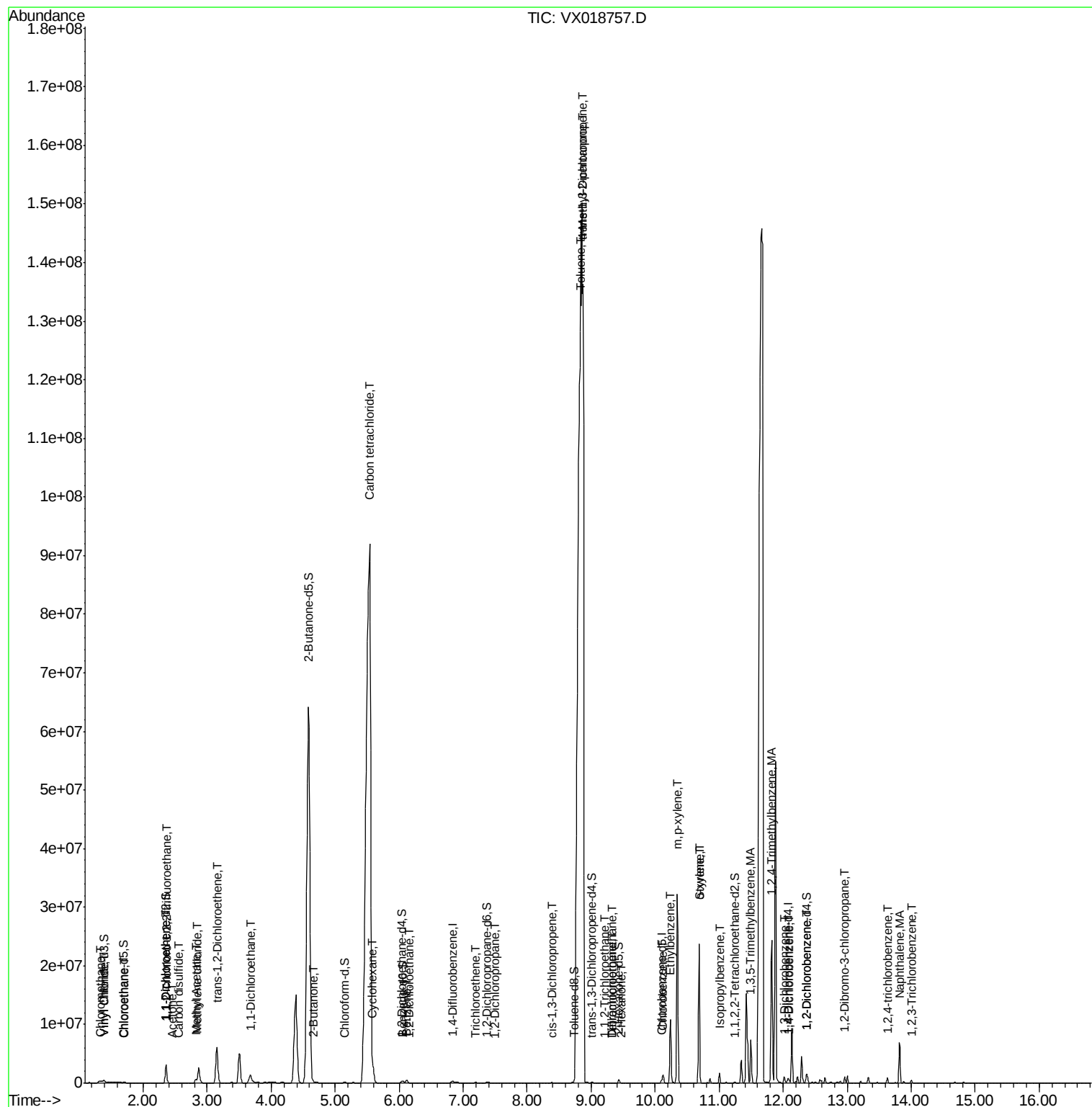
37) 1,2-Dichloropropane	7.50	63	1550	0.108	ug/L #	82
39) cis-1,3-Dichloropropene	8.38	75	3843	0.167	ug/L #	47
40) 4-Methyl-2-pentanone	8.88	43	4311401	517.211	ug/L #	44
42) Toluene	8.83	91	3070043	48.848	ug/L	90
43) 1,3,5-Trimethylbenzene	11.49	105	3568688	59.995	ug/L	100
44) 1,2,4-Trimethylbenzene	11.82	105	11915454	197.356	ug/L	99
46) trans-1,3-Dichloropropene	8.87	75	6066414	286.083	ug/L #	1
47) 1,1,2-Trichloroethane	9.21	97	15927	1.467	ug/L	97
49) Tetrachloroethene	9.33	164	5037	0.340	ug/L	83
50) 2-Hexanone	9.48	43	14753	2.437	ug/L #	74
51) Dibromochloromethane	9.32	129	4801	0.304	ug/L #	10
53) Chlorobenzene	10.12	112	623544	14.504	ug/L	95
54) Ethylbenzene	10.24	91	6111907	86.751	ug/L	99
55) m,p-xylene	10.35	106	7390037	268.911	ug/L	65
56) o-xylene	10.69	106	4986532	196.350	ug/L	94
57) Styrene	10.69	104	263992	6.094	ug/L #	1
58) Isopropylbenzene	11.01	105	870978	12.250	ug/L	98
63) 1,3-Dichlorobenzene	12.03	146	45632	1.356	ug/L	93
64) 1,4-Dichlorobenzene	12.09	146	176762	5.268	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	308419	9.817	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.96	75	4241	1.584	ug/L #	7
69) 1,2,4-trichlorobenzene	13.63	180	196083	9.120	ug/L	96
70) Naphthalene	13.82	128	4163472	118.471	ug/L	100
71) 1,2,3-Trichlorobenzene	14.01	180	105067	5.431	ug/L	97

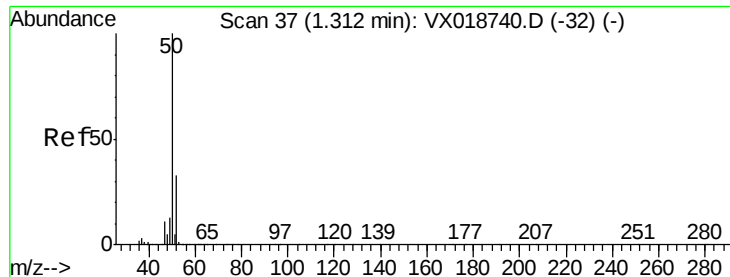
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.499 ug/L

RT: 1.34 min Scan# 42

Delta R.T. 0.03 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

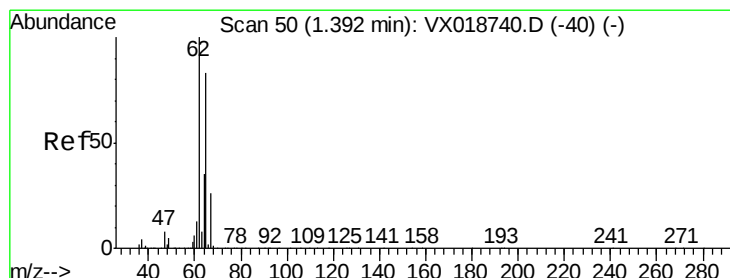
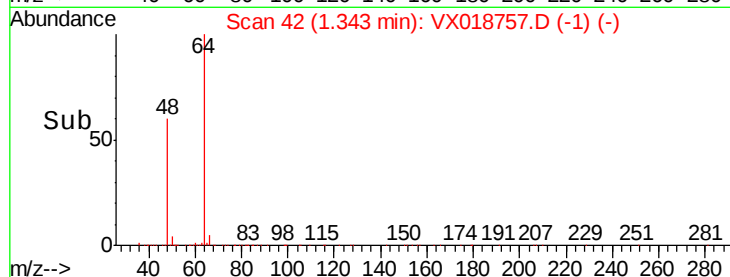
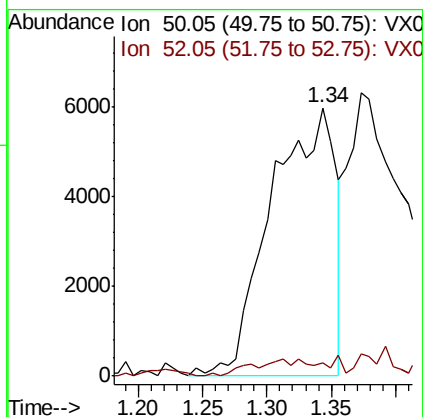
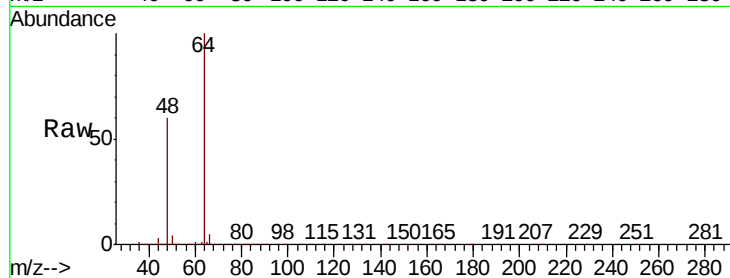
BG3N3

Tot Ion: 50 Resp: 20624

Ion Ratio Lower Upper

50 100

52 5.1 23.4 43.6#



#5

Vinyl chloride

Concen: 2.040 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018757.D

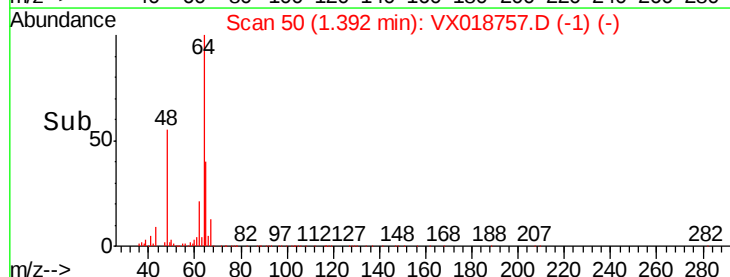
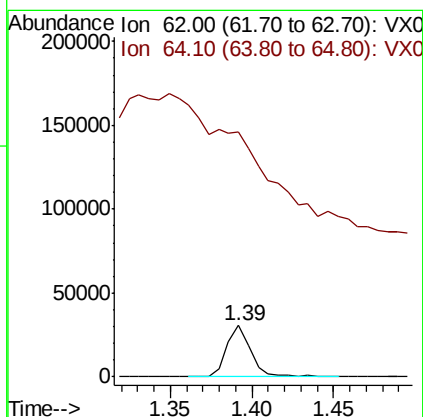
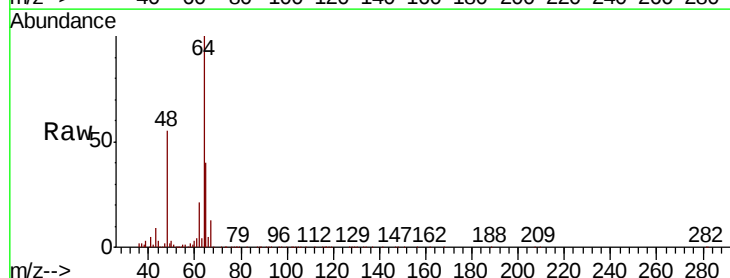
Acq: 02 Oct 2020 19:05

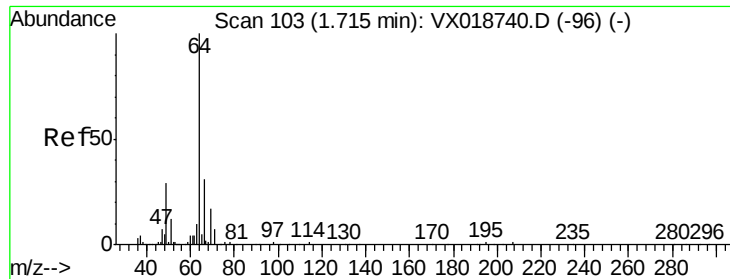
Tgt Ion: 62 Resp: 31320

Ion Ratio Lower Upper

62 100

64 473.4 24.3 45.1#





#8

Chloroethane

Concen: 3.392 ug/L

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampled :

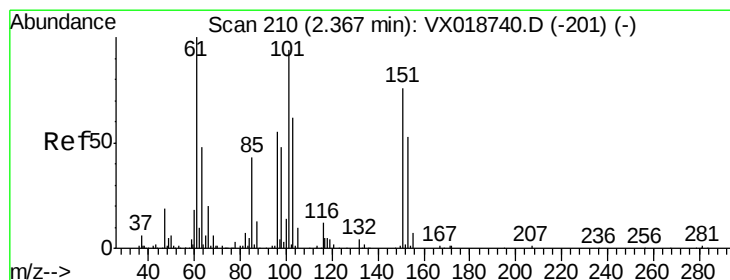
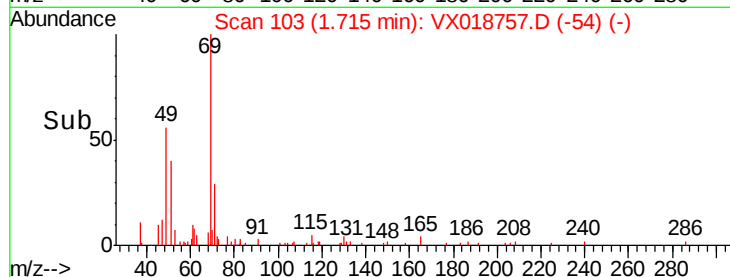
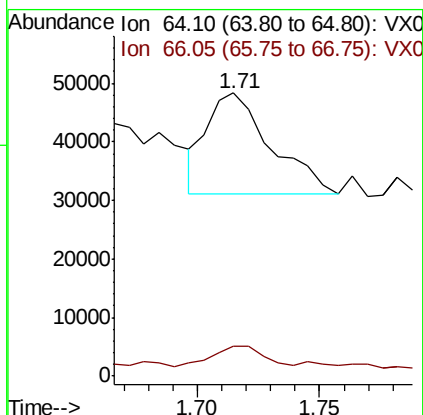
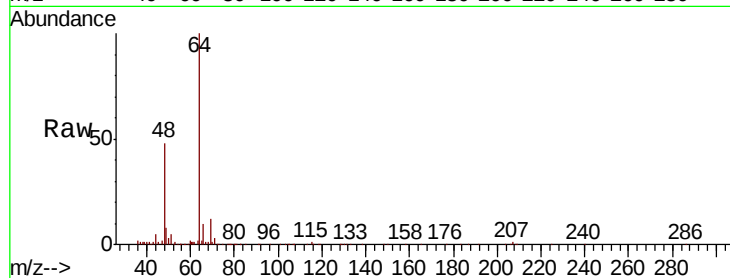
BG3N3

Tot Ion: 64 Resp: 31588

Ion Ratio Lower Upper

64 100

66 10.4 21.5 39.9#



#10

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

Concen: 0.350 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

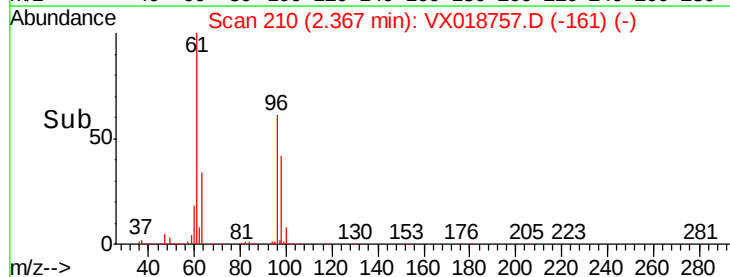
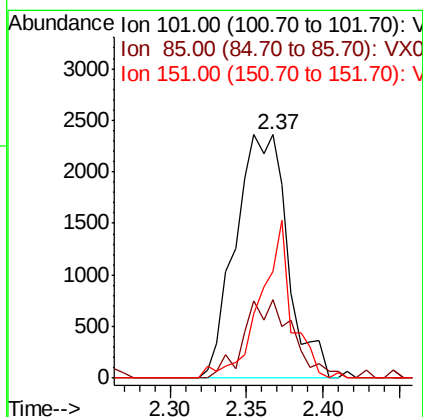
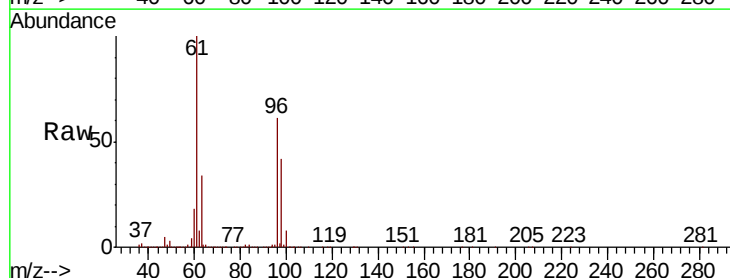
Tgt Ion: 101 Resp: 5596

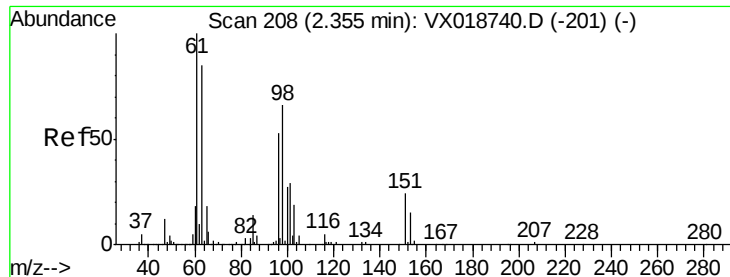
Ion Ratio Lower Upper

101 100

85 30.0 37.1 55.7#

151 39.5 65.0 97.6#





#12

1,1-Dichloroethene

Concen: 72.254 ug/L

RT: 2.35 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampled :

BG3N3

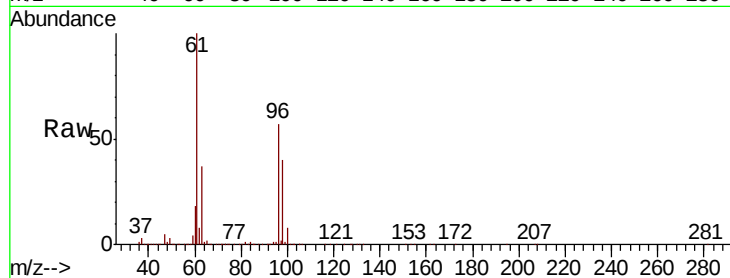
Tot Ion: 96 Resp: 1024075

Ion Ratio Lower Upper

96 100

61 175.3 133.2 247.4

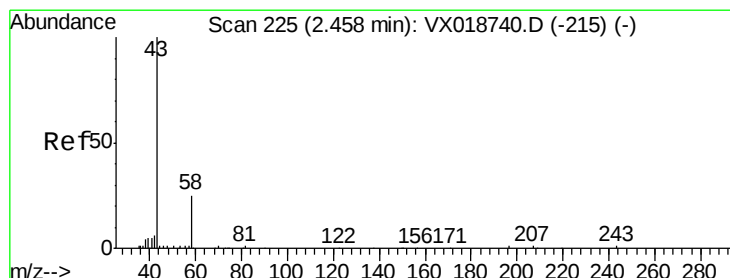
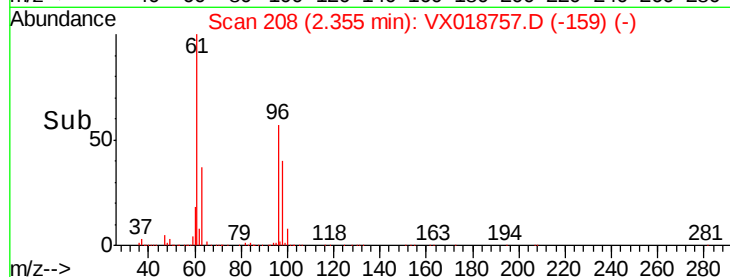
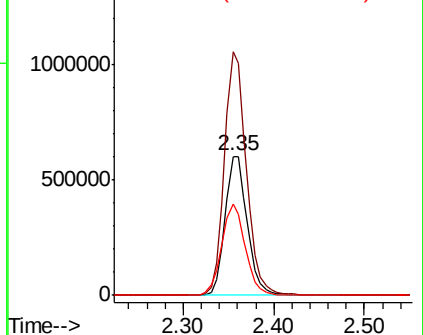
63 65.6 115.1 213.7#



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



#13

Acetone

Concen: 29.308 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: VX018757.D

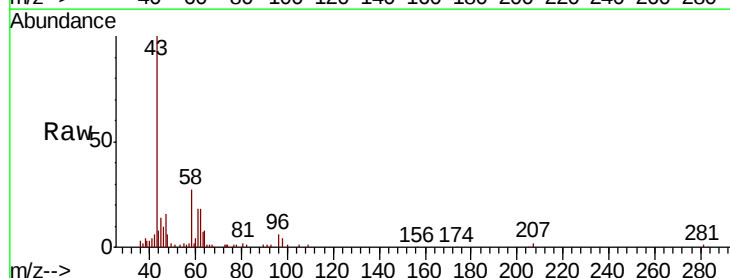
Acq: 02 Oct 2020 19:05

Tgt Ion: 43 Resp: 69756

Ion Ratio Lower Upper

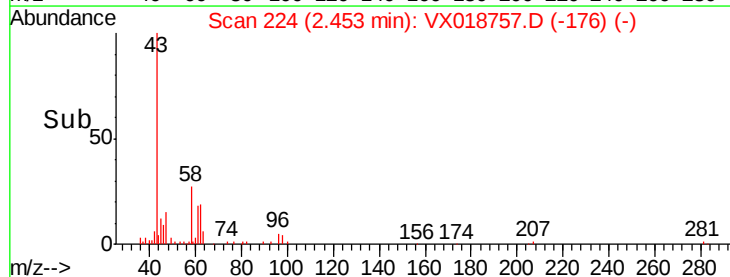
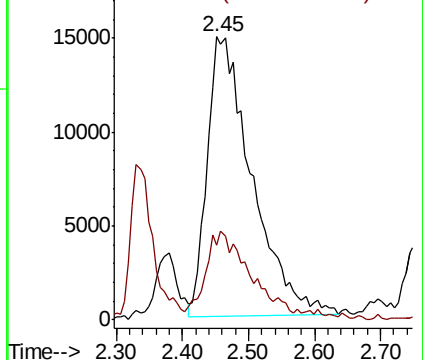
43 100

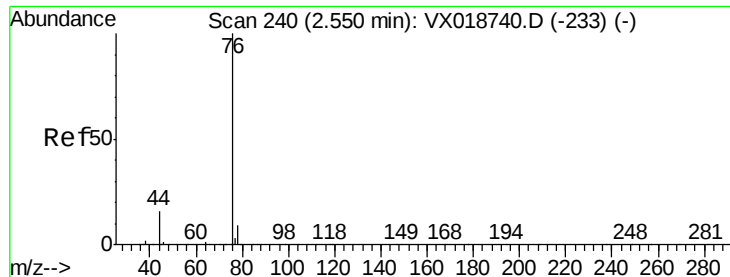
58 28.1 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#14

Carbon disulfide

Concen: 2.487 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampled :

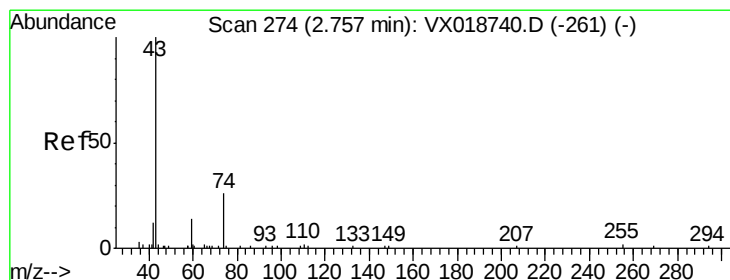
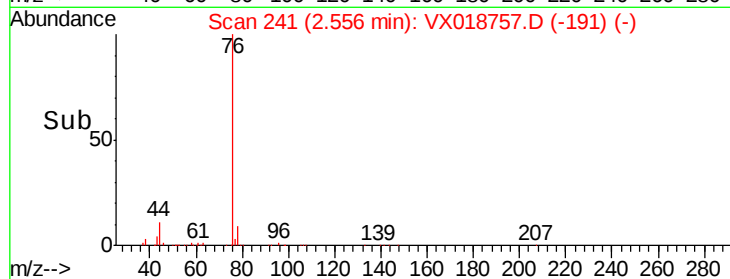
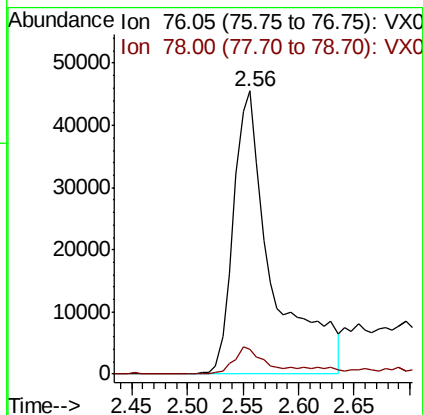
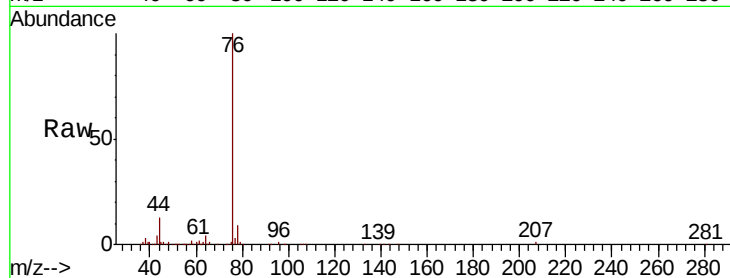
BG3N3

Tot Ion: 76 Resp: 110310

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#15

Methyl Acetate

Concen: 64.742 ug/L

RT: 2.82 min Scan# 285

Delta R.T. 0.07 min

Lab File: VX018757.D

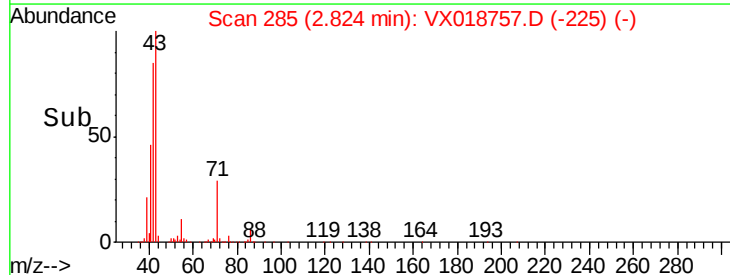
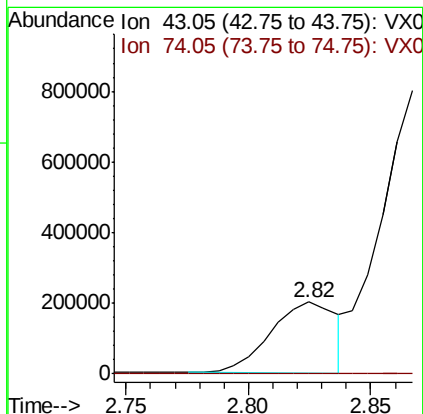
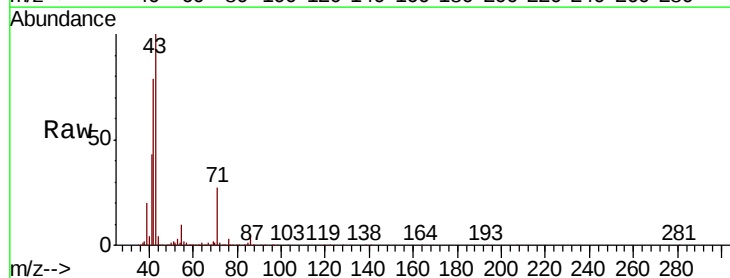
Acq: 02 Oct 2020 19:05

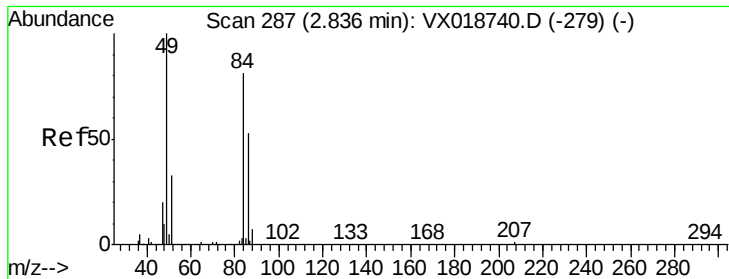
Tgt Ion: 43 Resp: 378732

Ion Ratio Lower Upper

43 100

74 0.8 21.9 32.9#

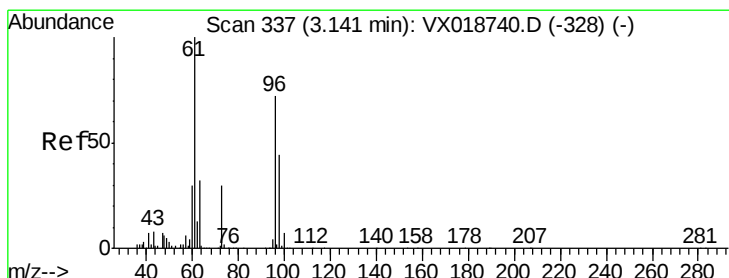
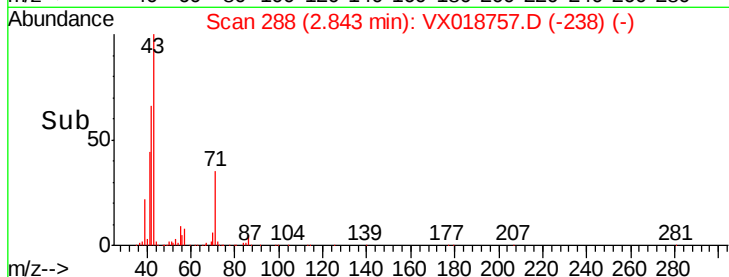
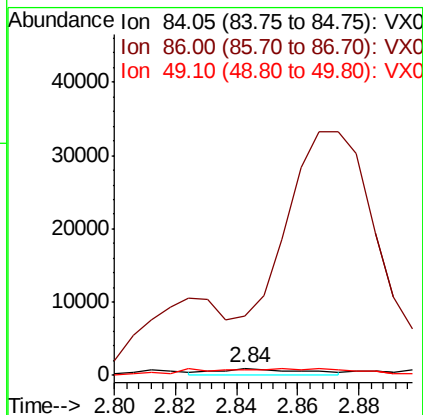
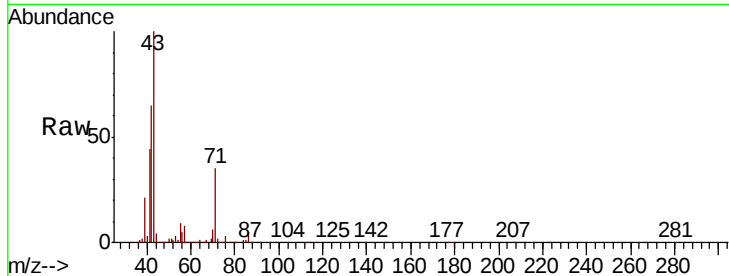




#16
Methylene chloride
Concen: 0.110 ug/L
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018757.D
Acq: 02 Oct 2020 19:05

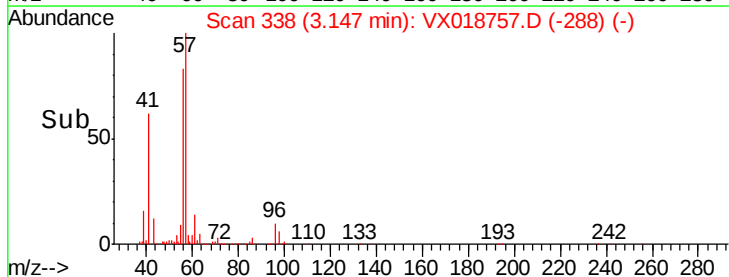
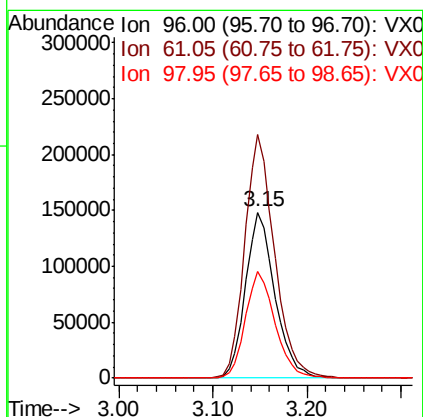
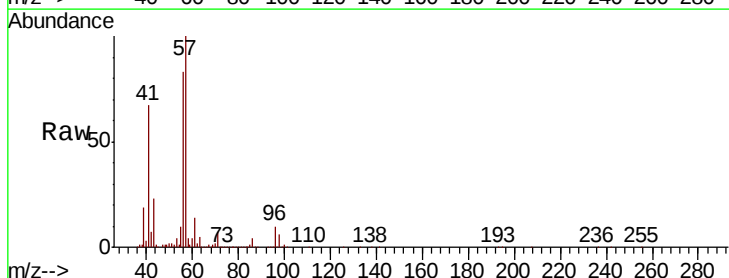
Instrument :
MSVOA_X
ClientSampleId :
BG3N3

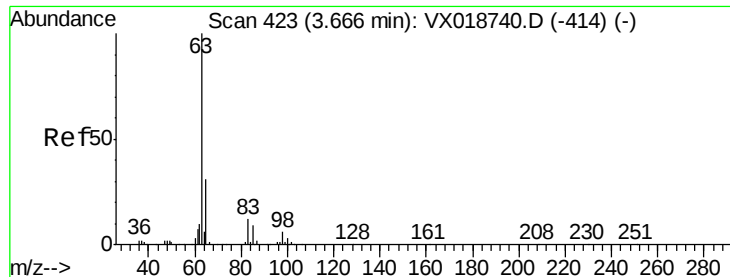
Tot Ion: 84 Resp: 1898
Ion Ratio Lower Upper
84 100
86 877.6 45.6 84.8#
49 89.0 85.8 159.3



#18
trans-1,2-Dichloroethene
Concen: 21.190 ug/L
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX018757.D
Acq: 02 Oct 2020 19:05

Tgt Ion: 96 Resp: 321582
Ion Ratio Lower Upper
96 100
61 147.1 97.6 181.4
98 64.1 43.1 80.1





#19

1,1-Dichloroethane

Concen: 62.837 ug/L

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

BG3N3

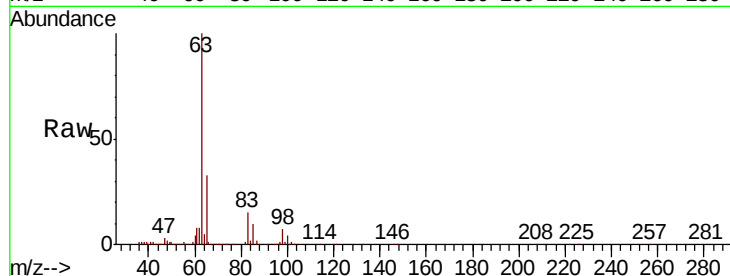
Tot Ion: 63 Resp: 1695279

Ion Ratio Lower Upper

63 100

65 33.0 21.6 40.2

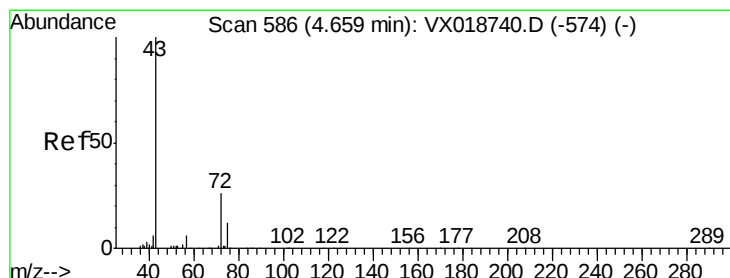
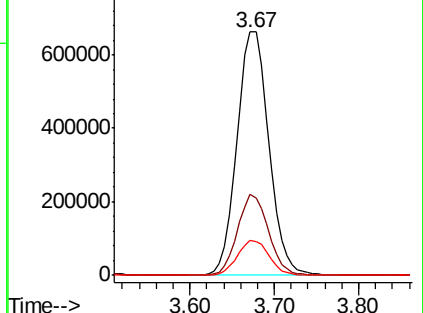
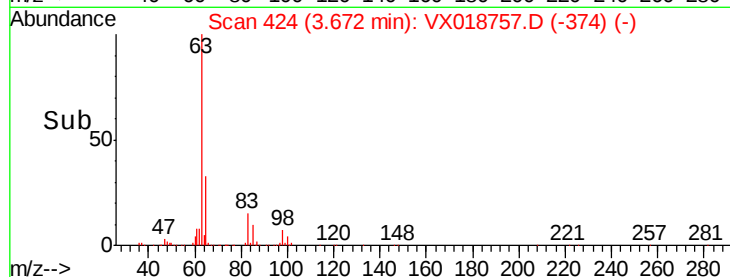
83 14.6 8.7 16.1



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: 20.768 ug/L

RT: 4.67 min Scan# 587

Delta R.T. 0.01 min

Lab File: VX018757.D

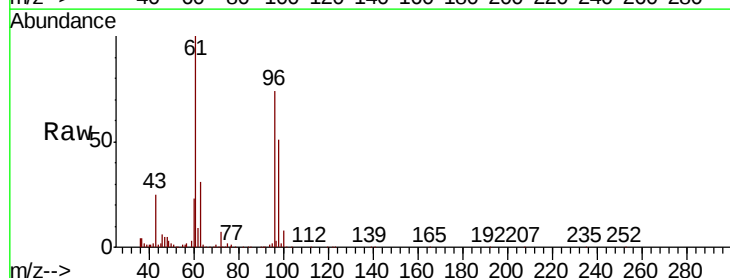
Acq: 02 Oct 2020 19:05

Tgt Ion: 43 Resp: 71958

Ion Ratio Lower Upper

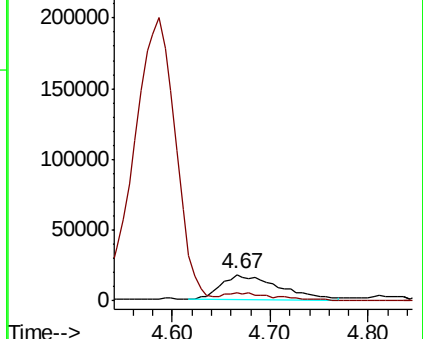
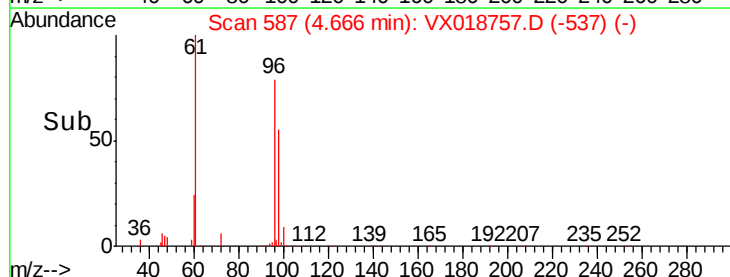
43 100

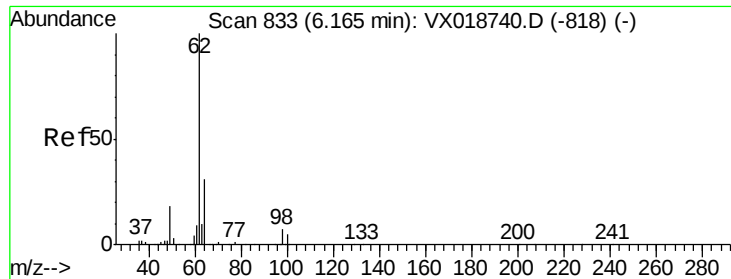
72 28.4 12.4 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

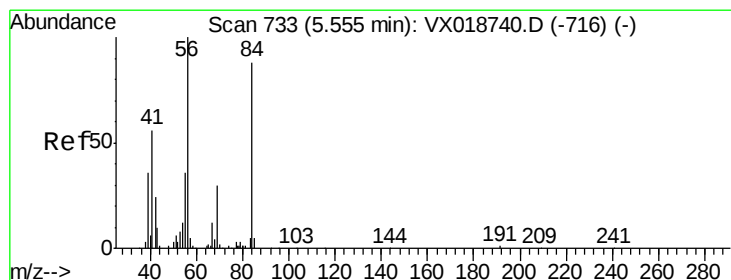
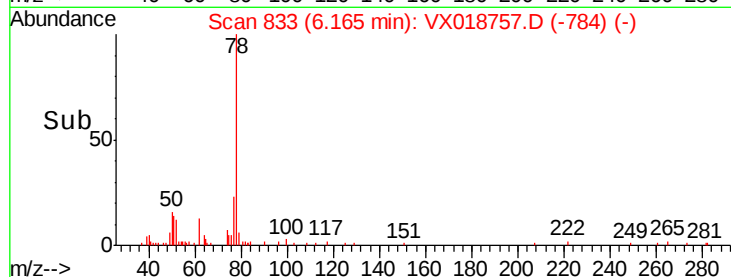
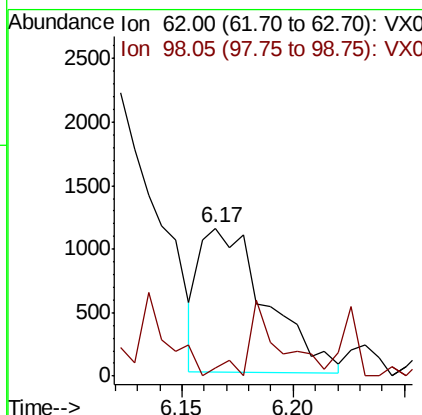
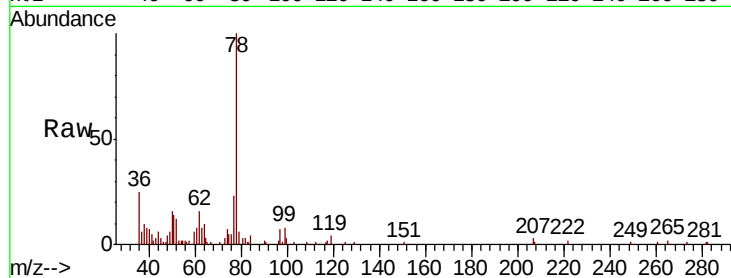




#27
 1,2-Dichloroethane
 Concen: 0.107 ug/L
 RT: 6.17 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: VX018757.D
 Acq: 02 Oct 2020 19:05

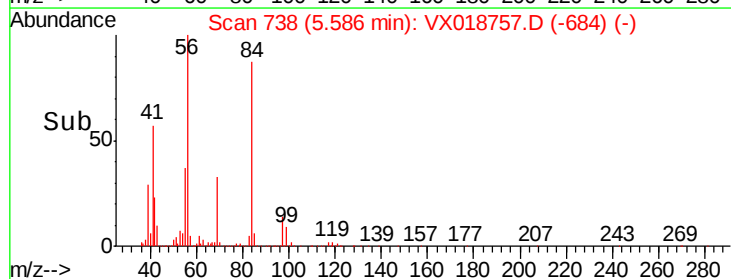
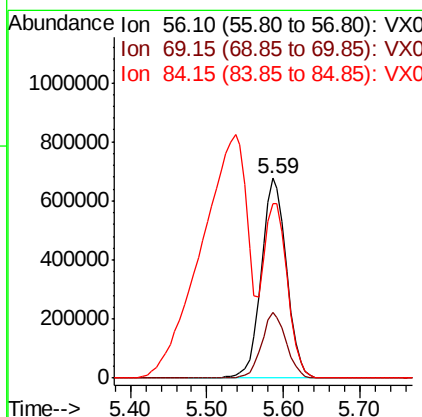
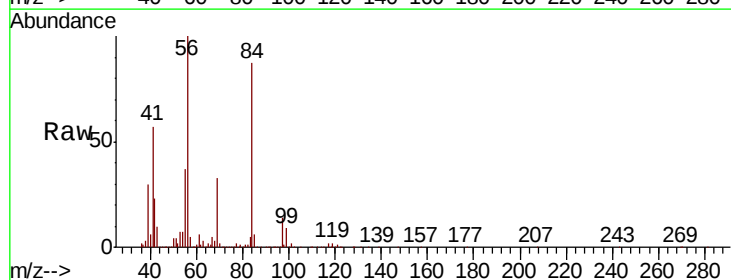
Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N3

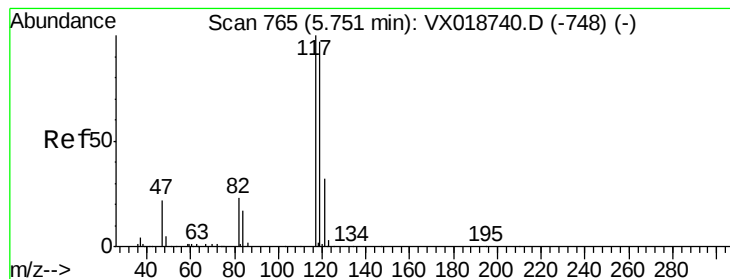
Tot Ion: 62 Resp: 2387
 Ion Ratio Lower Upper
 62 100
 98 5.8 5.8 8.8#



#30
 Cyclohexane
 Concen: 69.185 ug/L
 RT: 5.59 min Scan# 738
 Delta R.T. 0.03 min
 Lab File: VX018757.D
 Acq: 02 Oct 2020 19:05

Tgt Ion: 56 Resp: 1556940
 Ion Ratio Lower Upper
 56 100
 69 32.0 26.0 39.0
 84 79.5 73.8 110.6





#31

Carbon tetrachloride

Concen: 759.828 ug/L

RT: 5.54 min Scan# 730

Delta R.T. -0.21 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

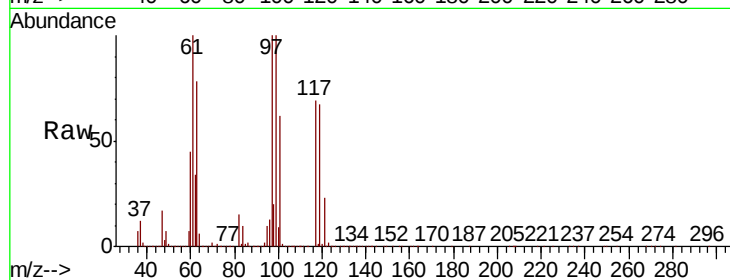
BG3N3

Tot Ion:117 Resp:22738370

Ion Ratio Lower Upper

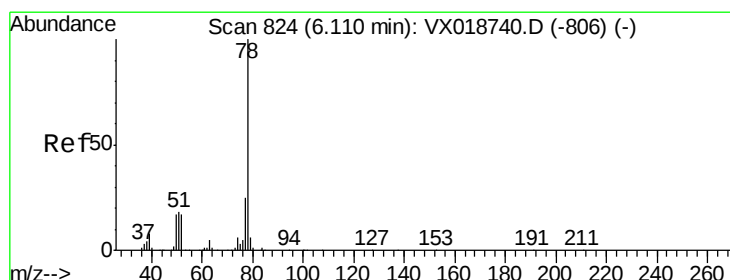
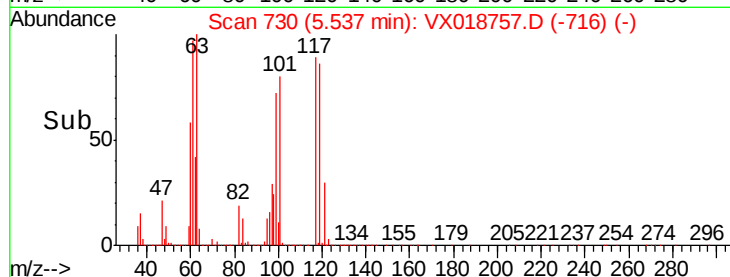
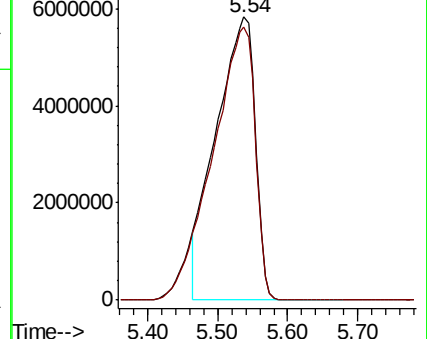
117 100

119 96.6 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: 9.093 ug/L

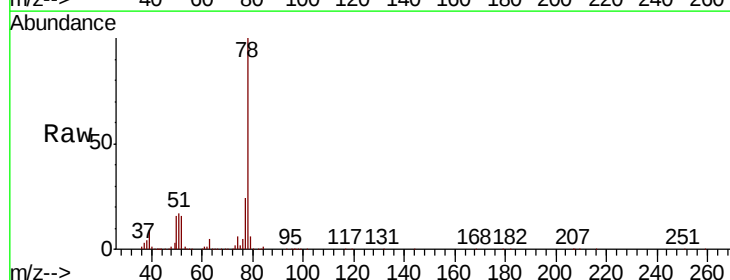
RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

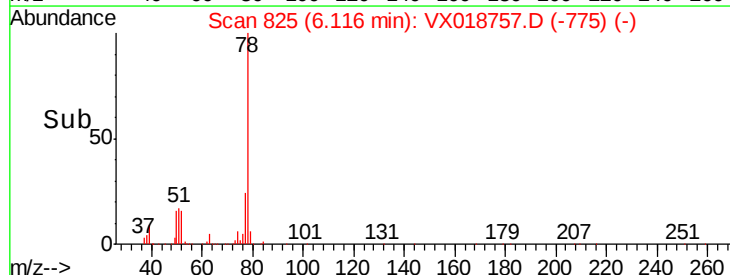
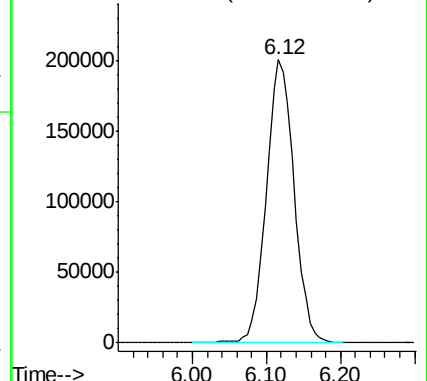
Lab File: VX018757.D

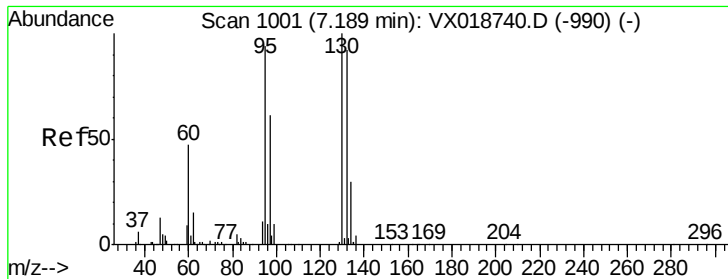
Acq: 02 Oct 2020 19:05

Tgt Ion: 78 Resp: 522286



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 2.140 ug/L

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

BG3N3

Tot Ion: 95 Resp: 36297

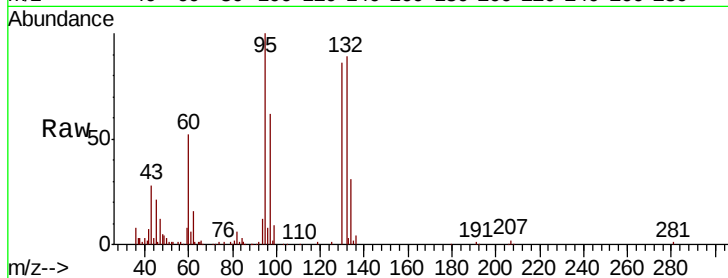
Ion Ratio Lower Upper

95 100

97 62.5 45.3 84.1

132 88.7 68.6 127.4

130 85.7 74.5 138.3

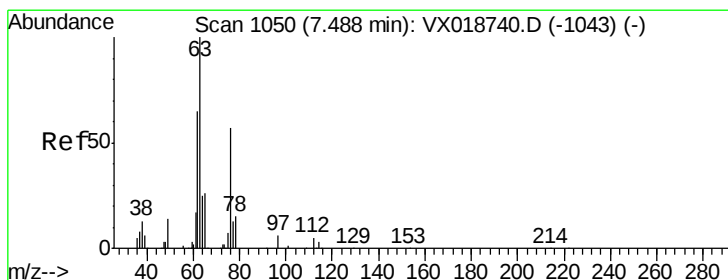
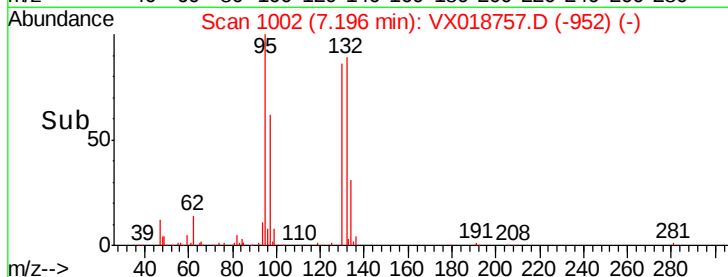
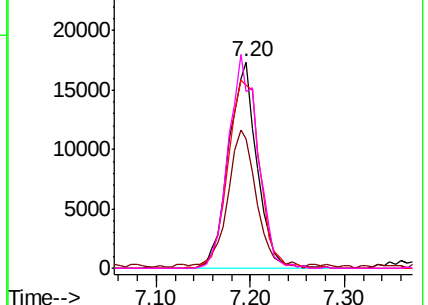


Abundance Ion 95.00 (94.70 to 95.70): VX0

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



#37

1,2-Dichloropropane

Concen: 0.108 ug/L

RT: 7.50 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VX018757.D

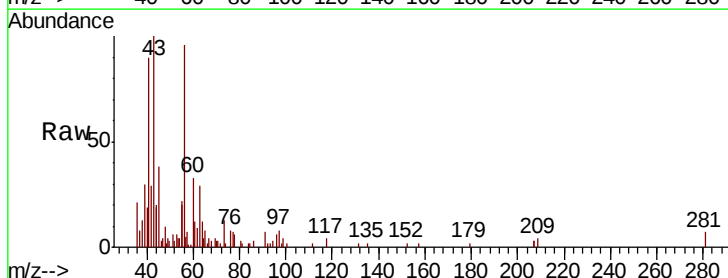
Acq: 02 Oct 2020 19:05

Tgt Ion: 63 Resp: 1550

Ion Ratio Lower Upper

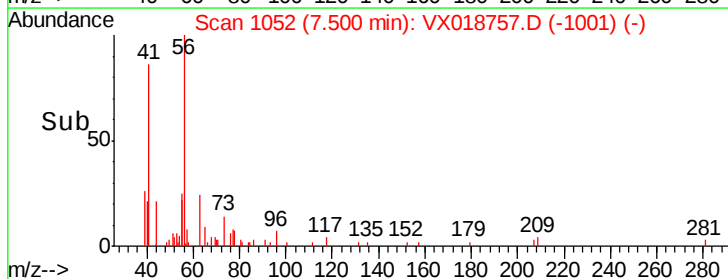
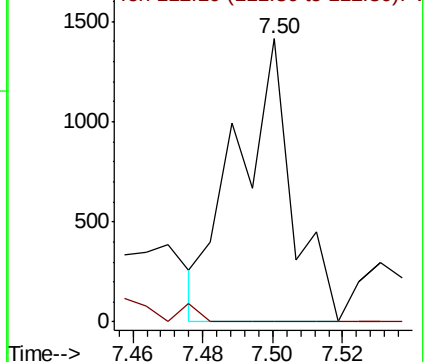
63 100

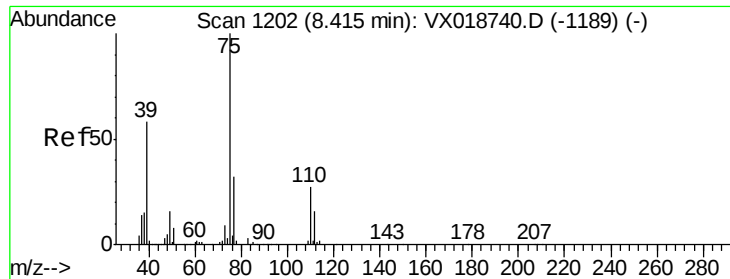
112 0.0 4.7 7.1#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.167 ug/L

RT: 8.38 min Scan# 1197

Delta R.T. -0.03 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

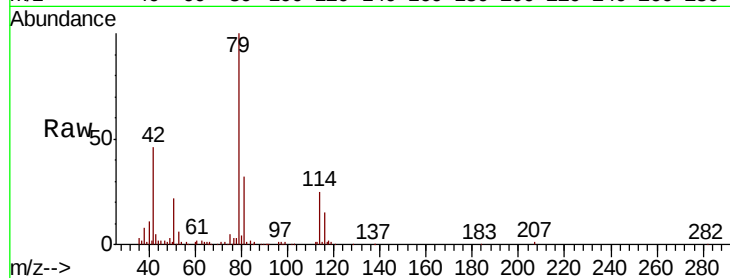
BG3N3

Tot Ion: 75 Resp: 3843

Ion Ratio Lower Upper

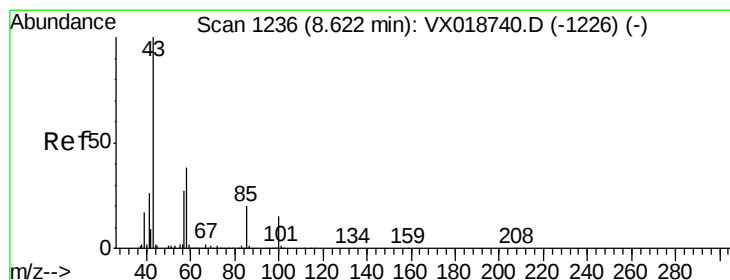
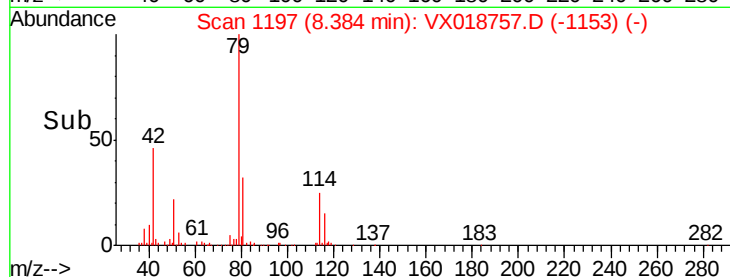
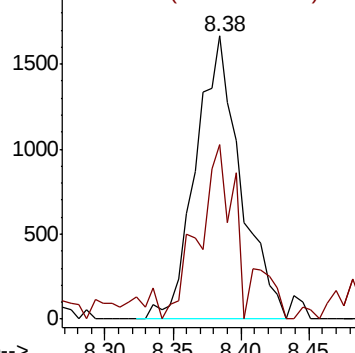
75 100

77 61.7 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



#40

4-Methyl-2-pentanone

Concen: 517.211 ug/L

RT: 8.88 min Scan# 1278

Delta R.T. 0.26 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

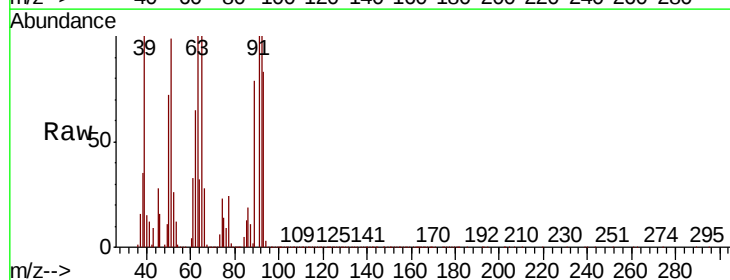
Tgt Ion: 43 Resp: 4311401

Ion Ratio Lower Upper

43 100

58 0.0 30.8 46.2#

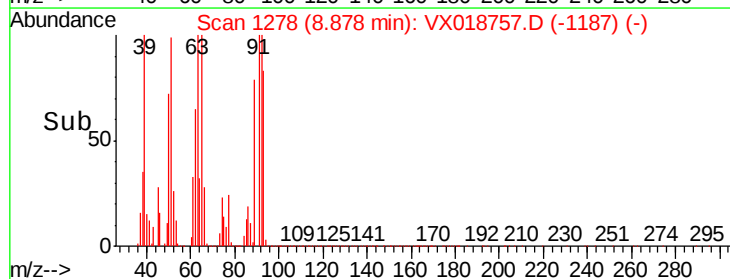
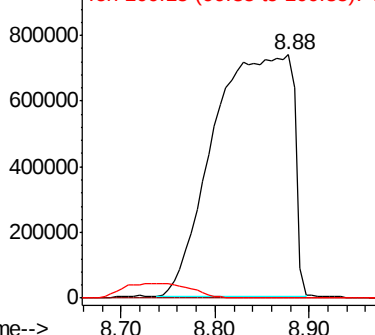
100 0.0 13.2 19.8#

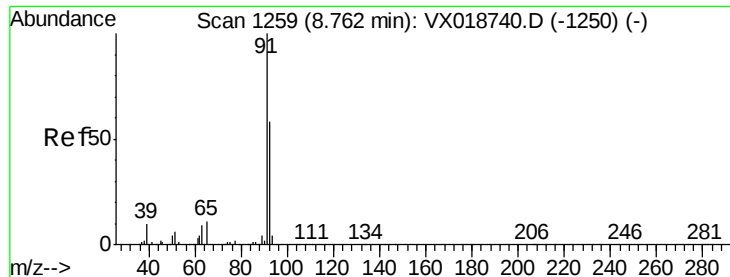


Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 100.15 (99.85 to 100.85): V





#42

Toluene

Concen: 48.848 ug/L

RT: 8.83 min Scan# 1270

Delta R.T. 0.07 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

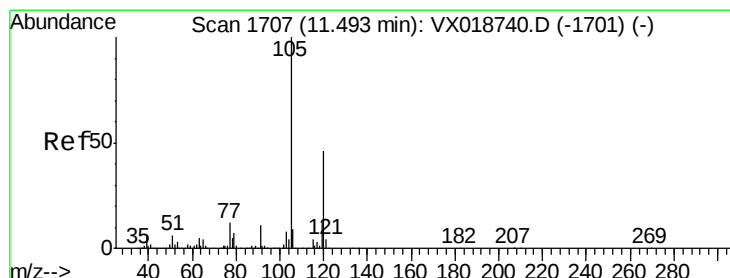
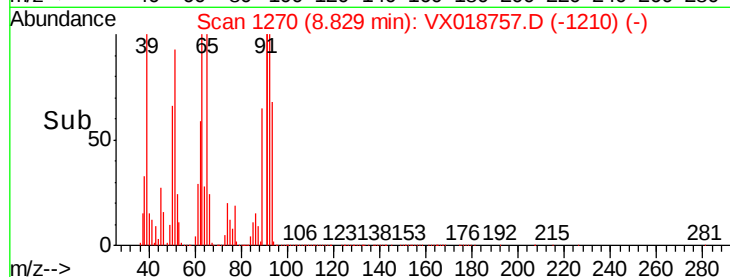
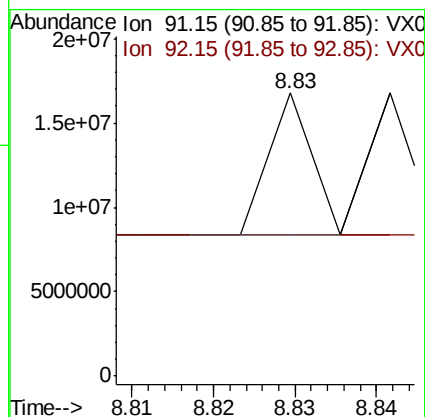
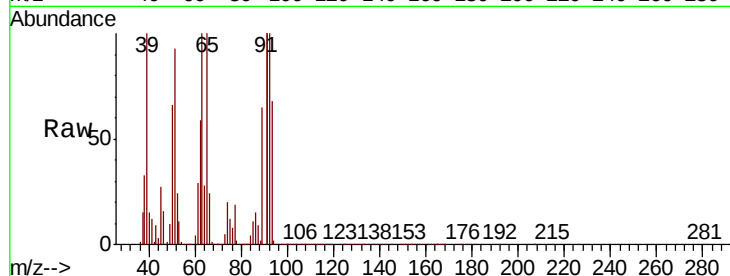
BG3N3

Tot Ion: 91 Resp: 3070043

Ion Ratio Lower Upper

91 100

92 50.0 40.3 74.9



#43

1,3,5-Trimethylbenzene

Concen: 59.995 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018757.D

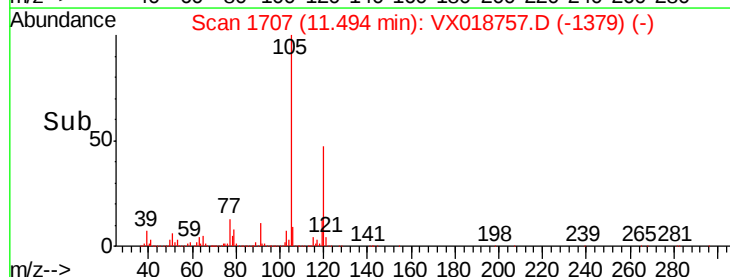
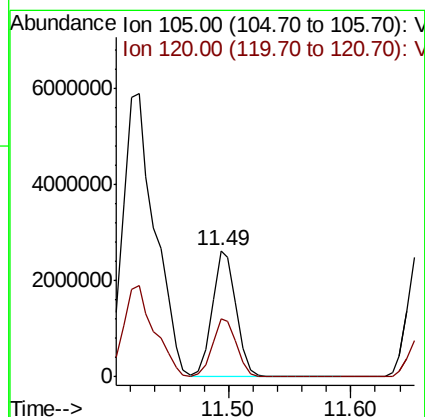
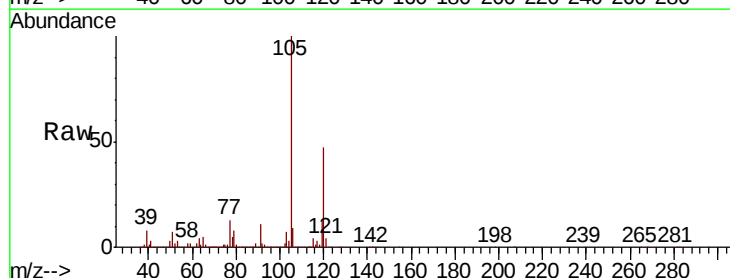
Acq: 02 Oct 2020 19:05

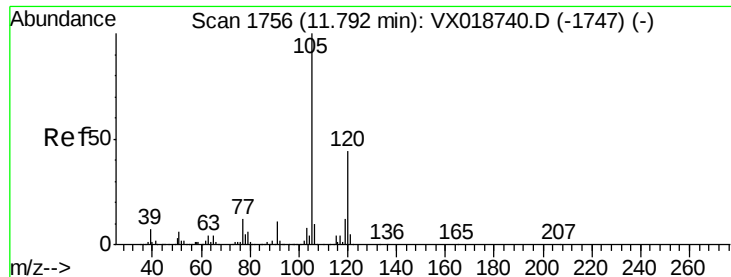
Tgt Ion:105 Resp: 3568688

Ion Ratio Lower Upper

105 100

120 46.8 37.7 56.5





#44

1,2,4-Trimethylbenzene

Concen: 197.356 ug/L

RT: 11.82 min Scan# 1761

Delta R.T. 0.03 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampled :

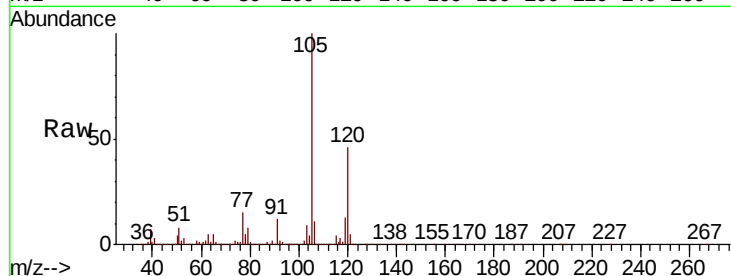
BG3N3

Tot Ion:105 Resp:11915454

Ion Ratio Lower Upper

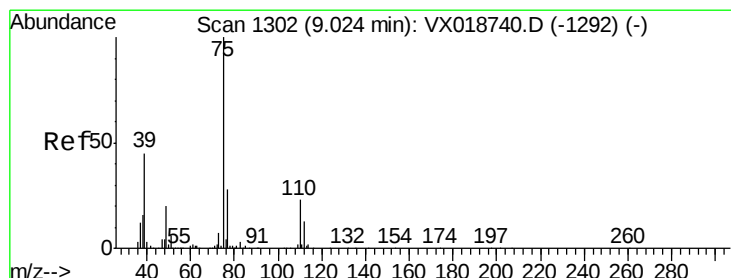
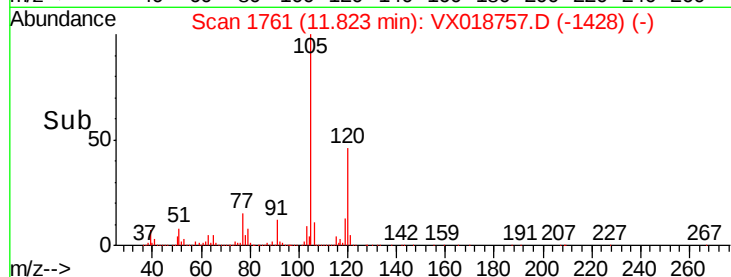
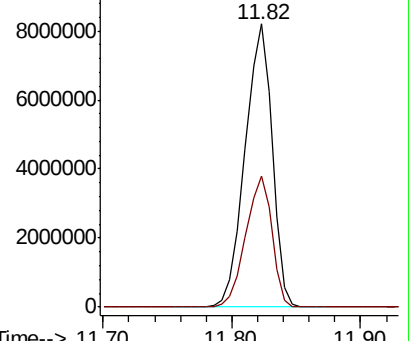
105 100

120 44.6 35.1 52.7



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: 286.083 ug/L

RT: 8.87 min Scan# 1277

Delta R.T. -0.15 min

Lab File: VX018757.D

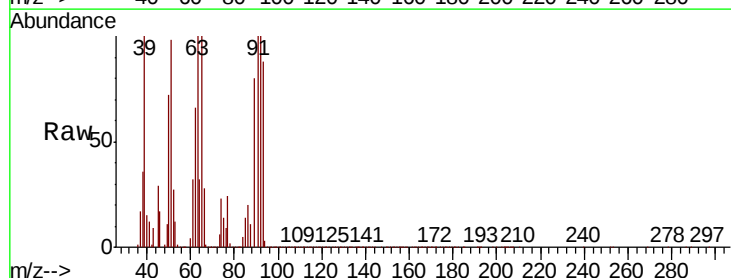
Acq: 02 Oct 2020 19:05

Tgt Ion: 75 Resp: 6066414

Ion Ratio Lower Upper

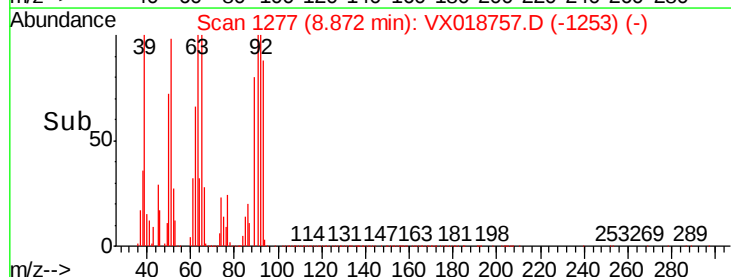
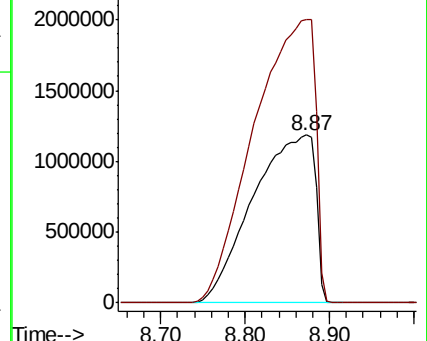
75 100

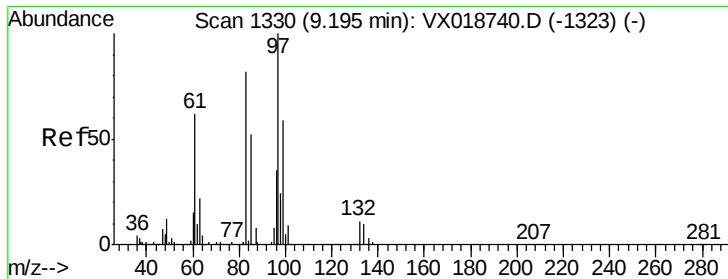
77 168.7 19.9 37.0#



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

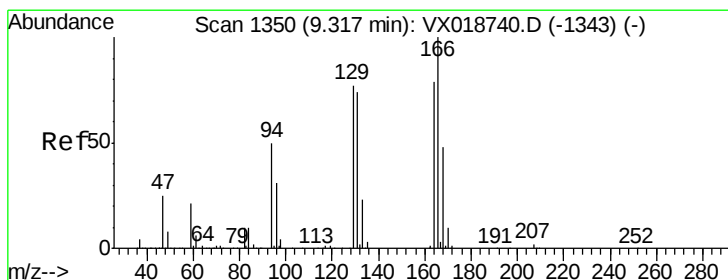
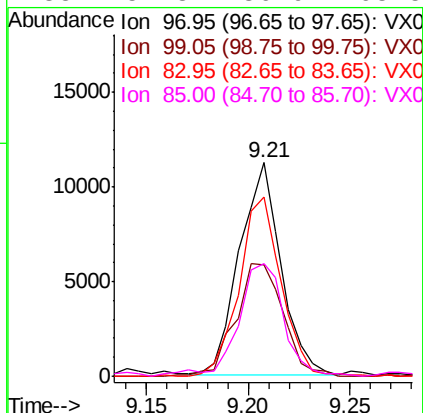
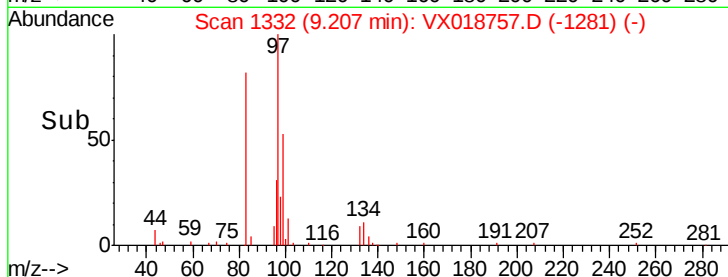
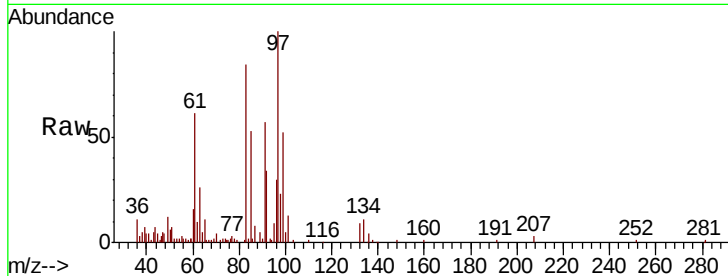




#47
1,1,2-Trichloroethane
Concen: 1.467 ug/L
RT: 9.21 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VX018757.D
Acq: 02 Oct 2020 19:05

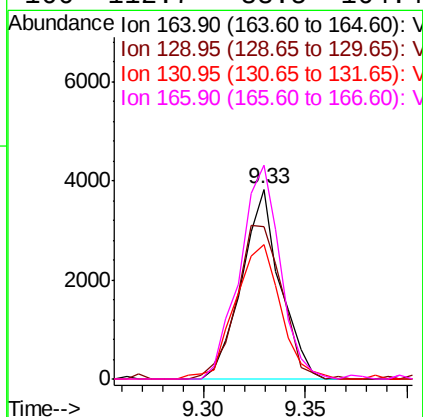
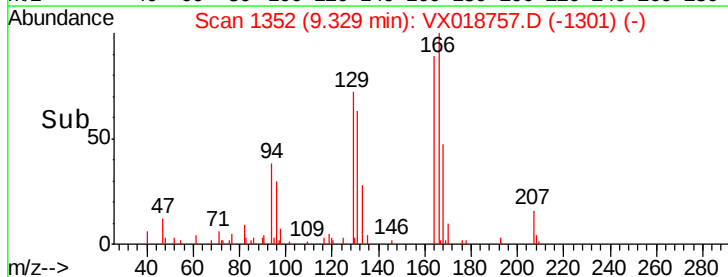
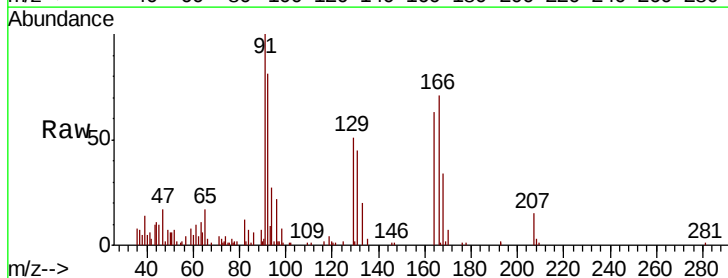
Instrument :
MSVOA_X
ClientSampleId :
BG3N3

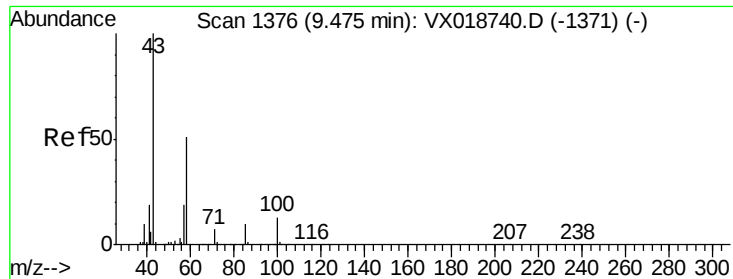
Tot Ion:	97	Resp:	15927
Ion	Ratio	Lower	Upper
97	100		
99	52.4	41.1	76.3
83	83.7	57.5	106.7
85	52.8	36.9	68.5



#49
Tetrachloroethene
Concen: 0.340 ug/L
RT: 9.33 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VX018757.D
Acq: 02 Oct 2020 19:05

Tgt Ion:	164	Resp:	5037
Ion	Ratio	Lower	Upper
164	100		
129	80.7	68.7	127.5
131	71.0	65.3	121.3
166	112.7	88.5	164.4

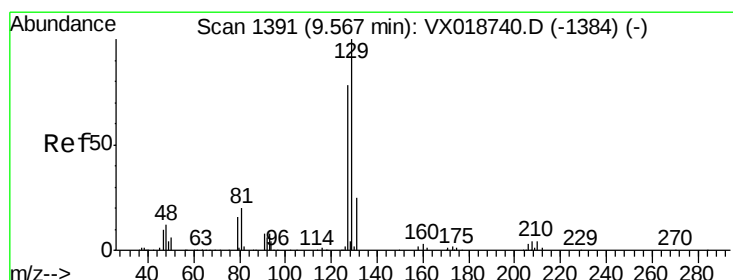
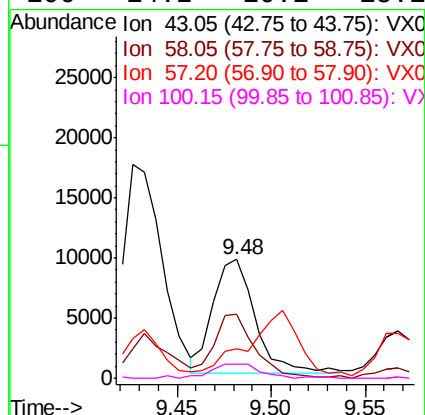
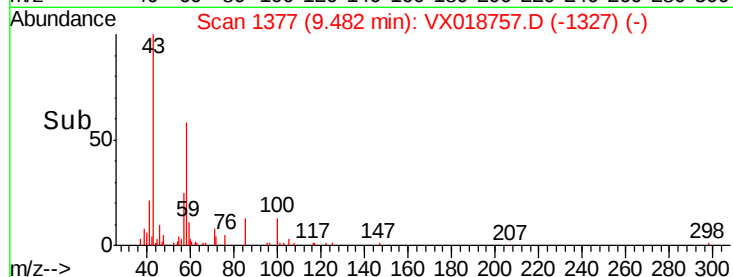
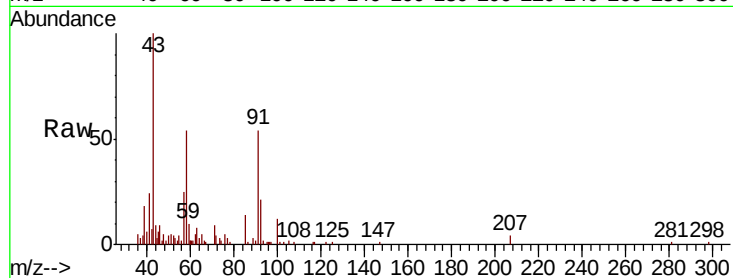




#50
2-Hexanone
Concen: 2.437 ug/L
RT: 9.48 min Scan# 1377
Delta R.T. 0.01 min
Lab File: VX018757.D
Acq: 02 Oct 2020 19:05

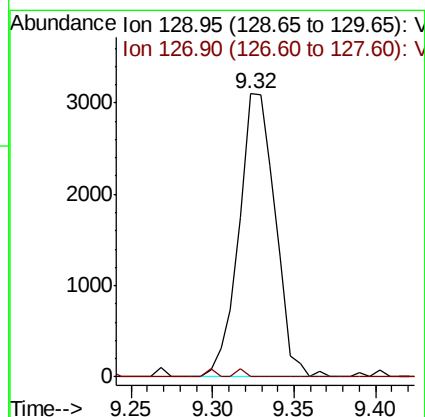
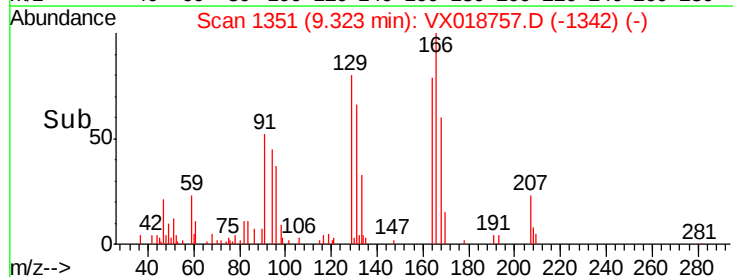
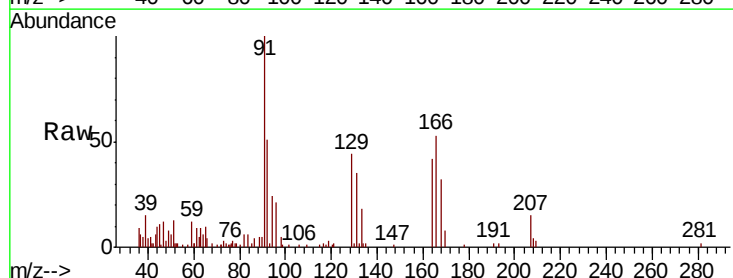
Instrument :
MSVOA_X
ClientSampled :
BG3N3

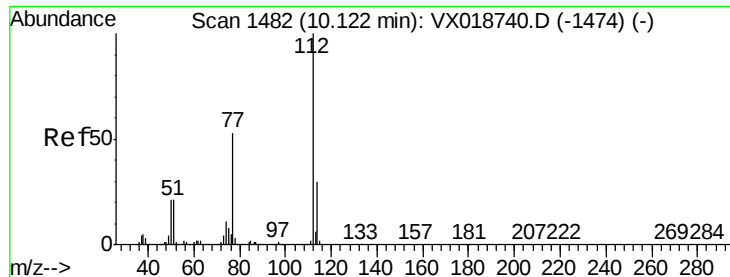
Tot Ion: 43 Resp: 14753
Ion Ratio Lower Upper
43 100
58 52.0 41.0 61.4
57 66.7 15.9 23.9#
100 14.2 10.1 15.1



#51
Dibromochloromethane
Concen: 0.304 ug/L
RT: 9.32 min Scan# 1351
Delta R.T. -0.24 min
Lab File: VX018757.D
Acq: 02 Oct 2020 19:05

Tgt Ion: 129 Resp: 4801
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#53

Chlorobenzene

Concen: 14.504 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampled :

BG3N3

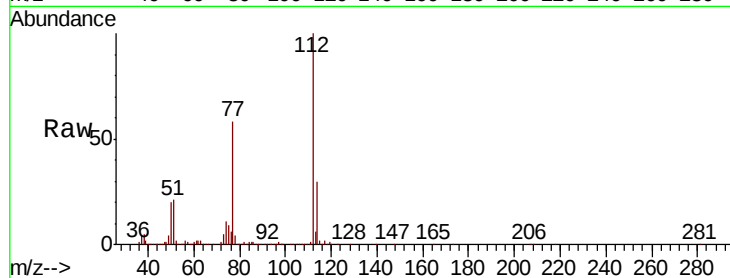
Tot Ion:112 Resp: 623544

Ion Ratio Lower Upper

112 100

114 30.5 21.3 39.5

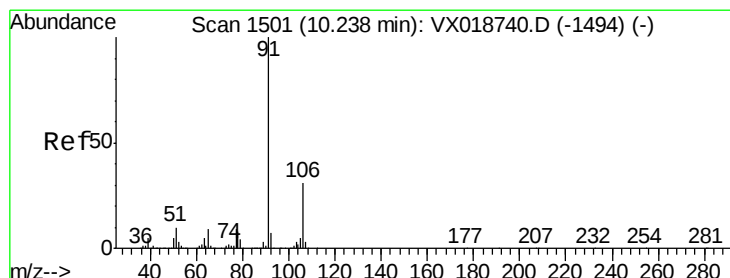
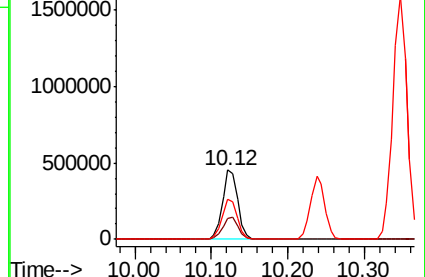
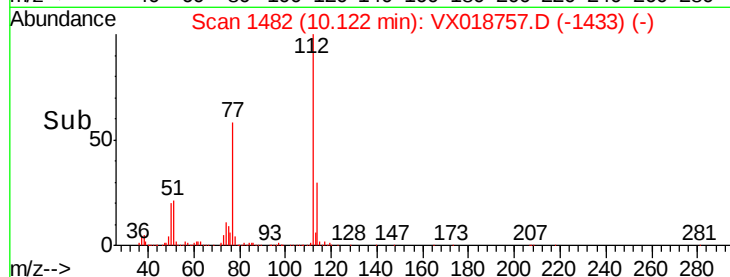
77 58.1 42.4 63.6



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): V



#54

Ethylbenzene

Concen: 86.751 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018757.D

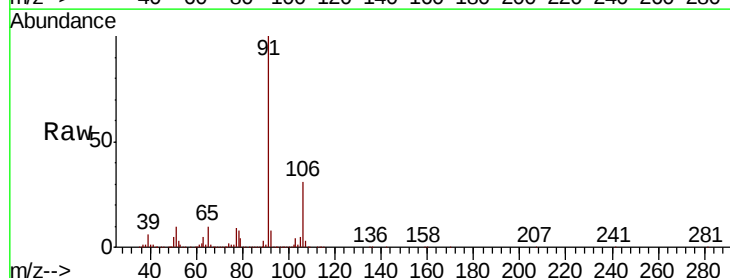
Acq: 02 Oct 2020 19:05

Tgt Ion: 91 Resp: 6111907

Ion Ratio Lower Upper

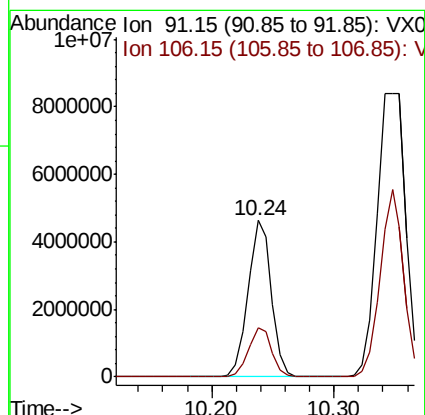
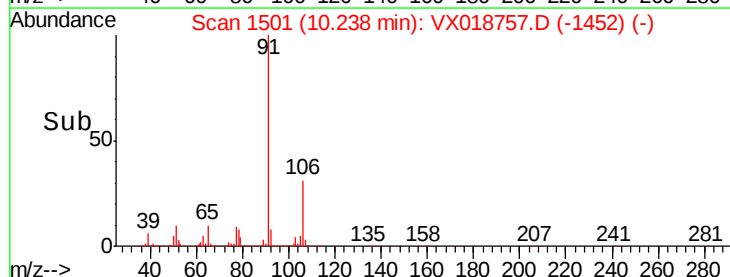
91 100

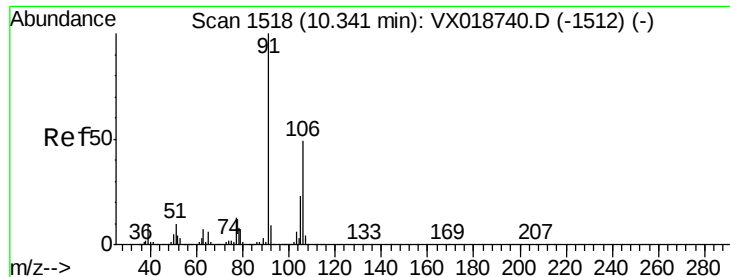
106 31.4 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 268.911 ug/L

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

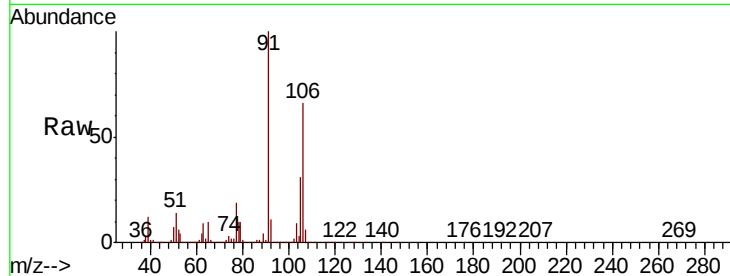
BG3N3

Tot Ion:106 Resp: 7390037

Ion Ratio Lower Upper

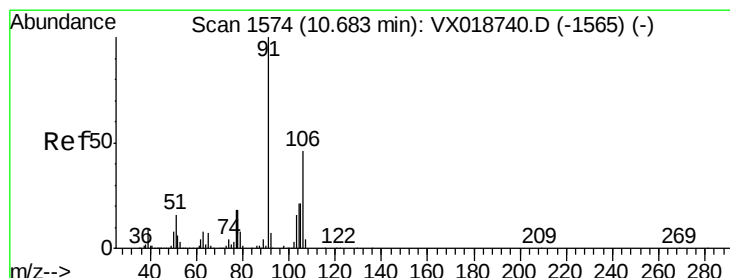
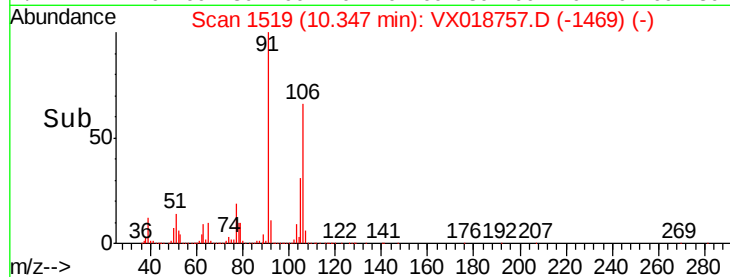
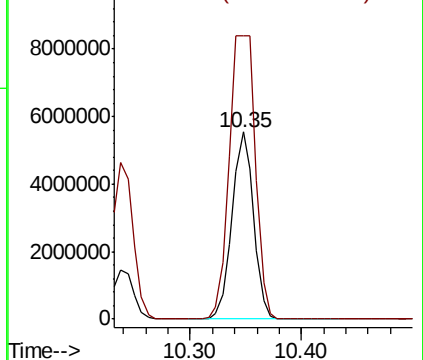
106 100

91 151.5 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 196.350 ug/L

RT: 10.69 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VX018757.D

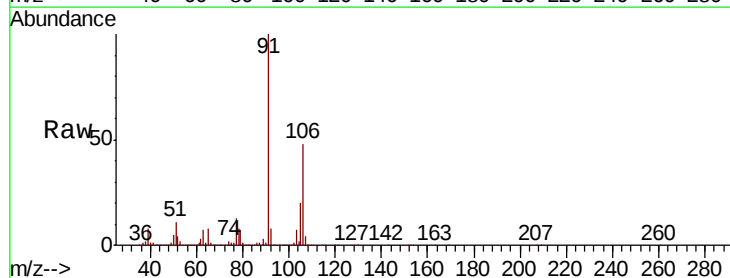
Acq: 02 Oct 2020 19:05

Tgt Ion:106 Resp: 4986532

Ion Ratio Lower Upper

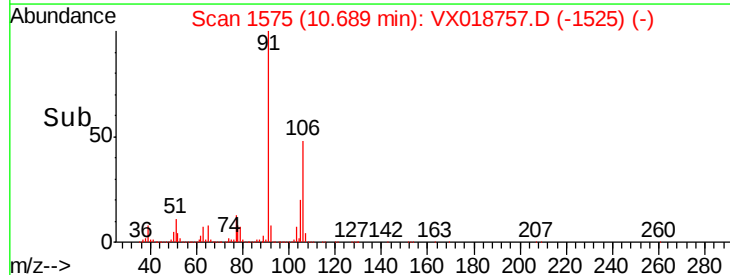
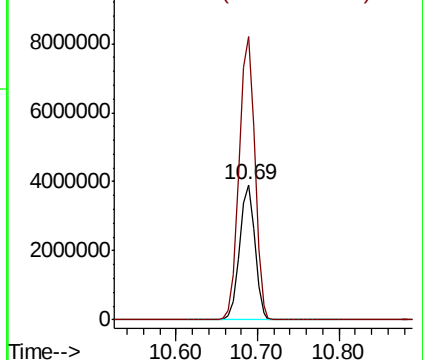
106 100

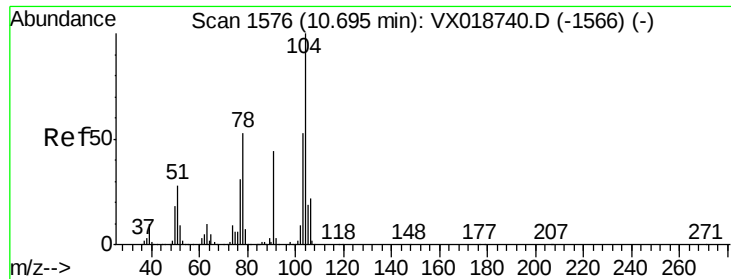
91 209.0 153.4 284.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#57

Stvrene

Concen: 6.094 ug/L

RT: 10.69 min Scan# 1575

Delta R.T. -0.01 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

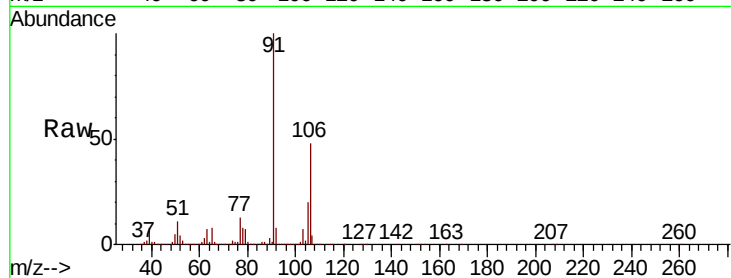
BG3N3

Tot Ion:104 Resp: 263992

Ion Ratio Lower Upper

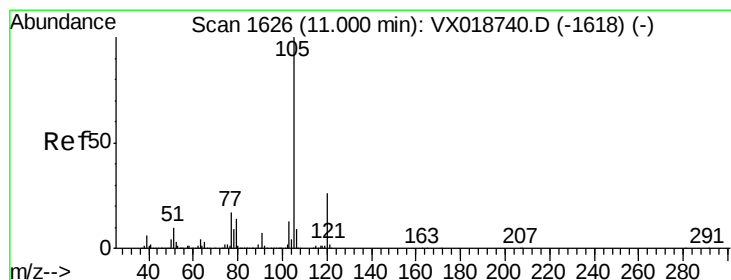
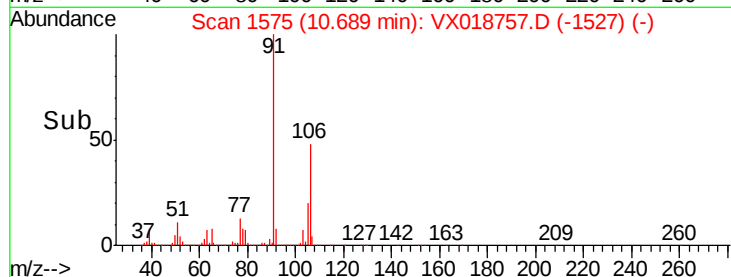
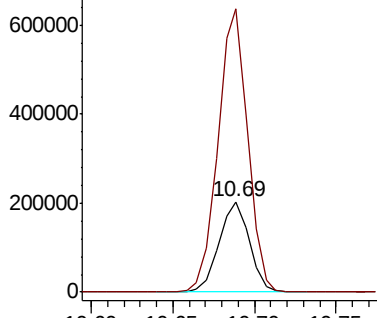
104 100

78 312.7 37.1 68.9#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0



#58

Isopropylbenzene

Concen: 12.250 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

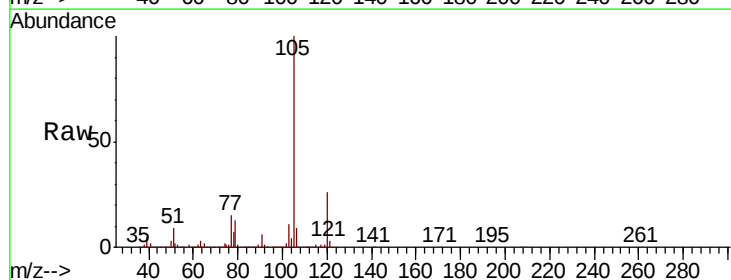
Tgt Ion:105 Resp: 870978

Ion Ratio Lower Upper

105 100

120 25.9 20.2 30.2

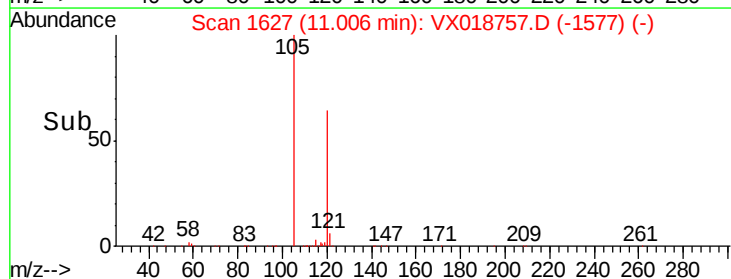
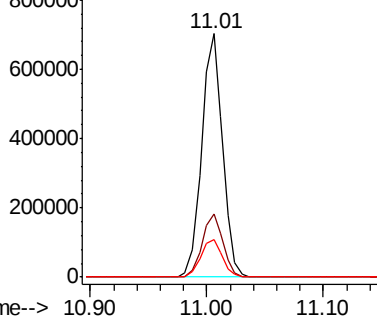
77 15.8 13.3 19.9

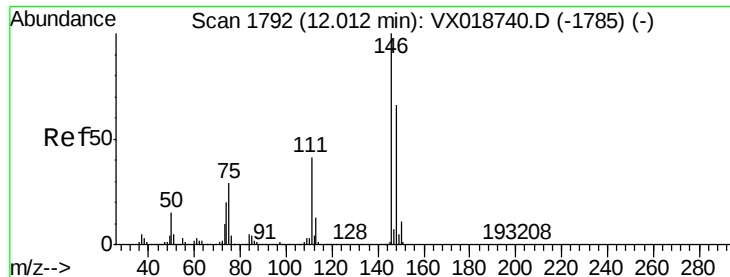


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VX0





#63

1,3-Dichlorobenzene

Concen: 1.356 ug/L

RT: 12.03 min Scan# 1795

Delta R.T. 0.02 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampled :

BG3N3

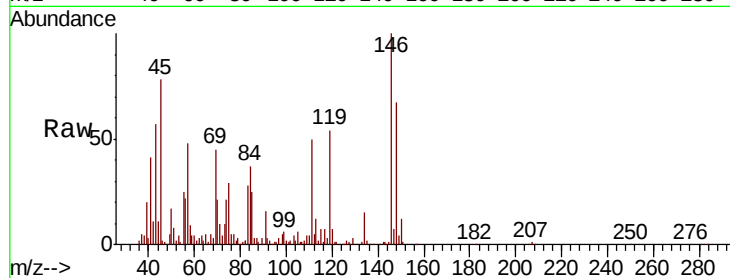
Tot Ion:146 Resp: 45632

Ion Ratio Lower Upper

146 100

111 49.7 28.4 52.8

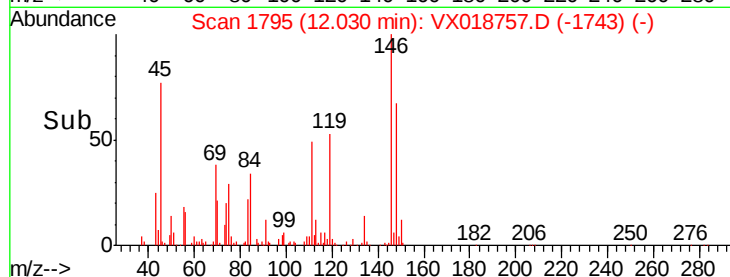
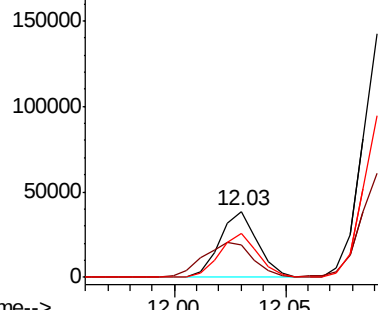
148 67.1 45.9 85.3



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



#64

1,4-Dichlorobenzene

Concen: 5.268 ug/L

RT: 12.09 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

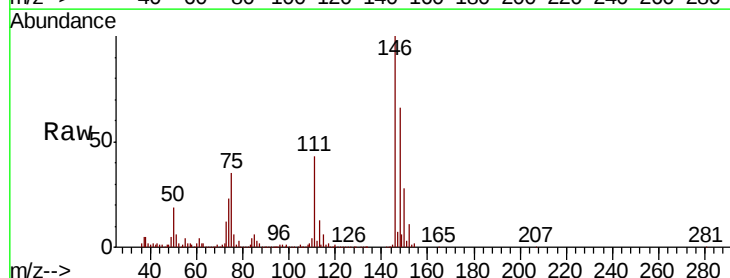
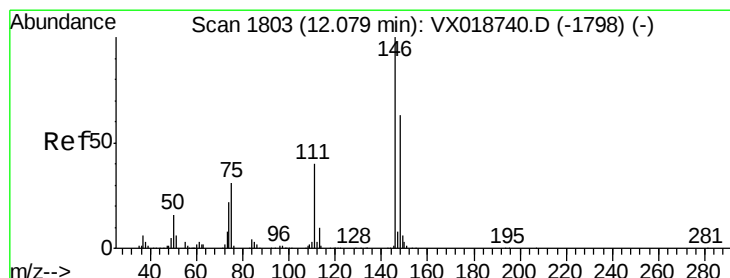
Tgt Ion:146 Resp: 176762

Ion Ratio Lower Upper

146 100

111 42.8 28.6 53.2

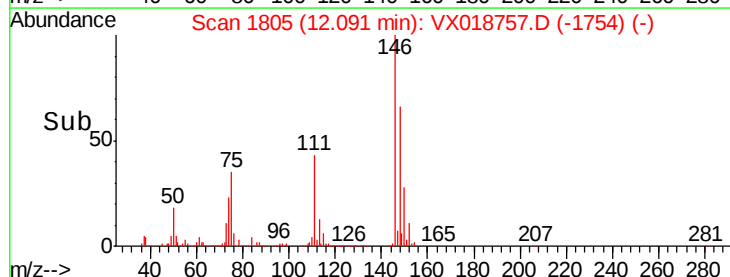
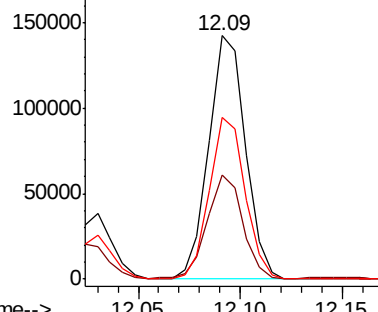
148 66.3 44.2 82.0

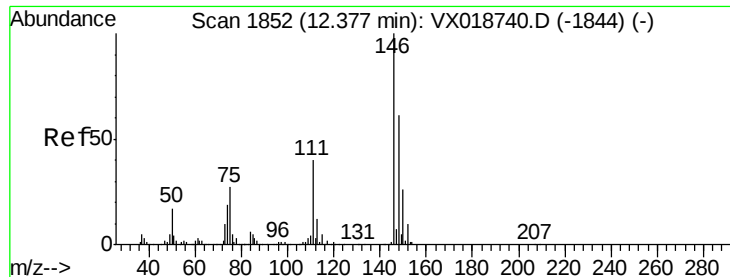


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#66

1,2-Dichlorobenzene

Concen: 9.817 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

BG3N3

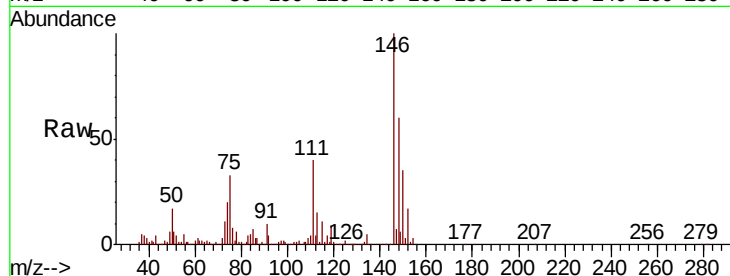
Tot Ion:146 Resp: 308419

Ion Ratio Lower Upper

146 100

111 40.5 31.7 47.5

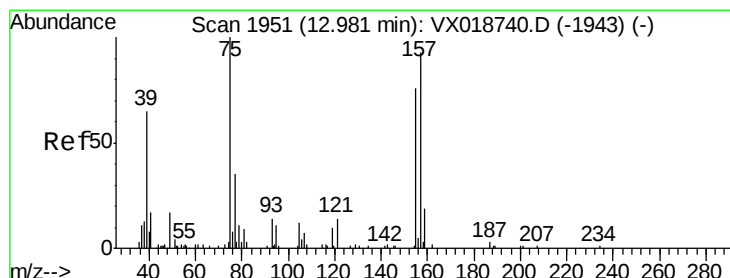
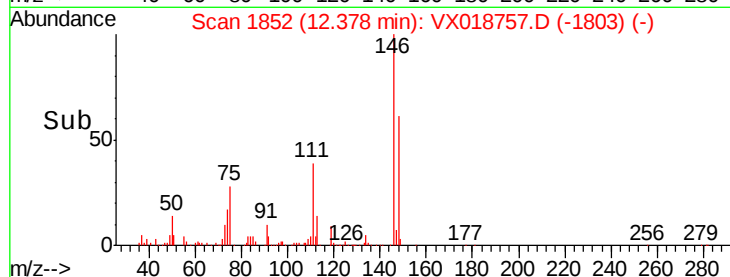
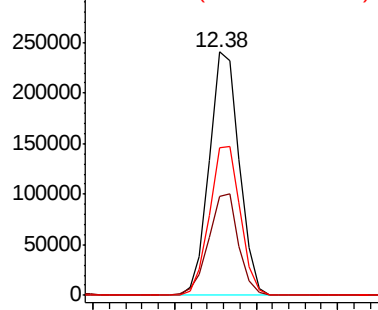
148 60.4 49.0 73.6



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: 1.584 ug/L

RT: 12.96 min Scan# 1948

Delta R.T. -0.02 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

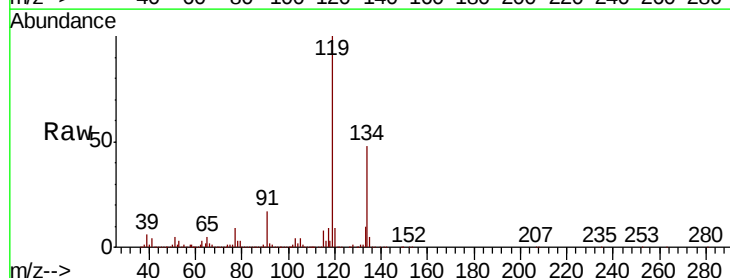
Tgt Ion: 75 Resp: 4241

Ion Ratio Lower Upper

75 100

155 0.0 61.1 91.7#

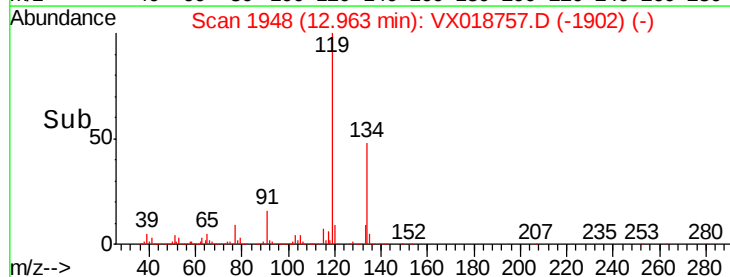
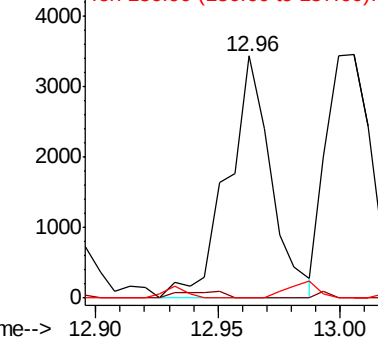
157 0.0 74.2 111.2#

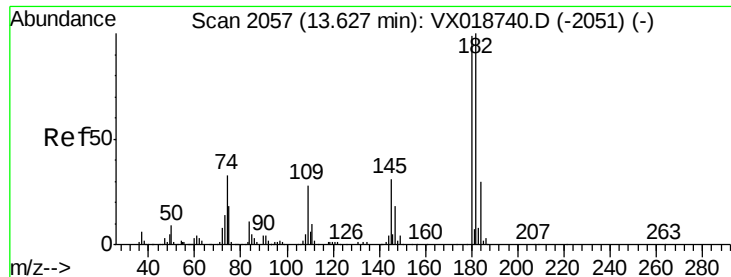


Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V





#69

1,2,4-trichlorobenzene

Concen: 9.120 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

BG3N3

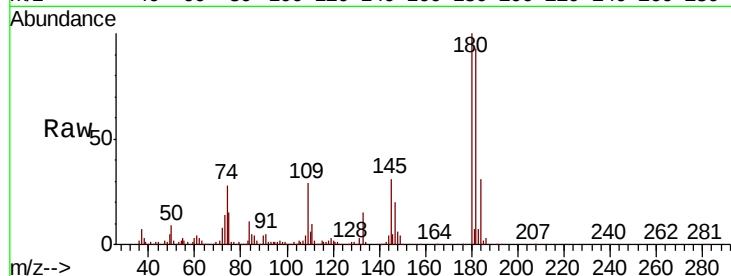
Tot Ion:180 Resp: 196083

Ion Ratio Lower Upper

180 100

182 95.7 80.2 120.4

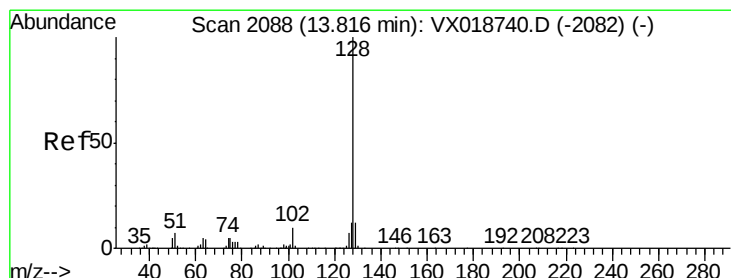
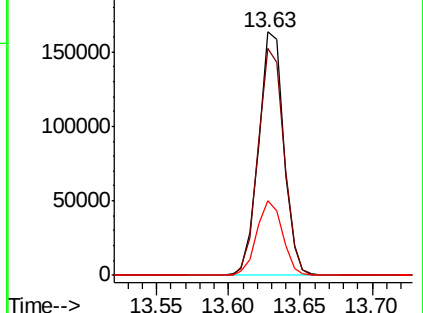
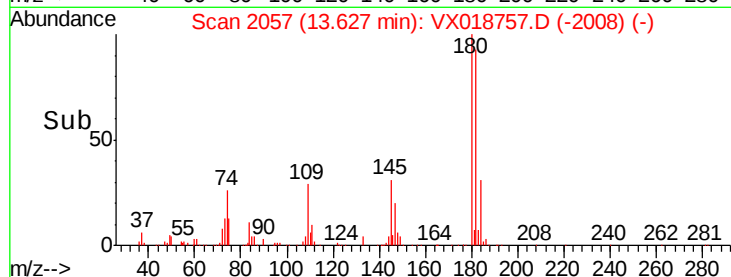
145 31.6 25.2 37.8



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: 118.471 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018757.D

Acq: 02 Oct 2020 19:05

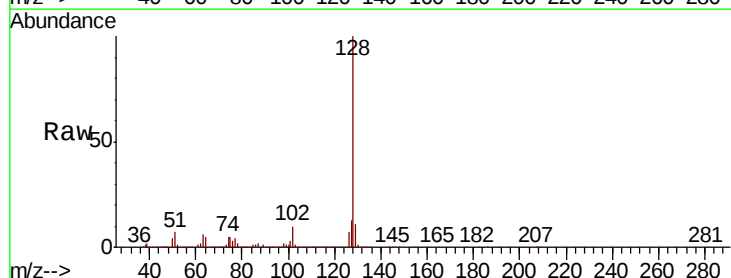
Tgt Ion:128 Resp: 4163472

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

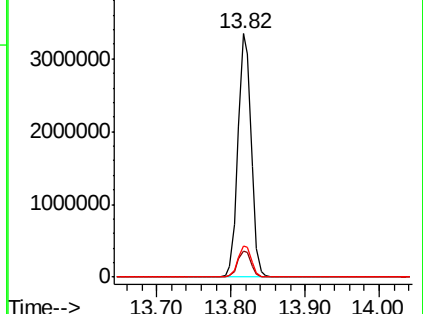
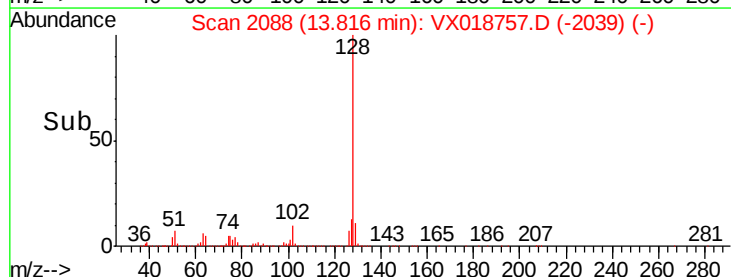
127 13.0 10.5 15.7

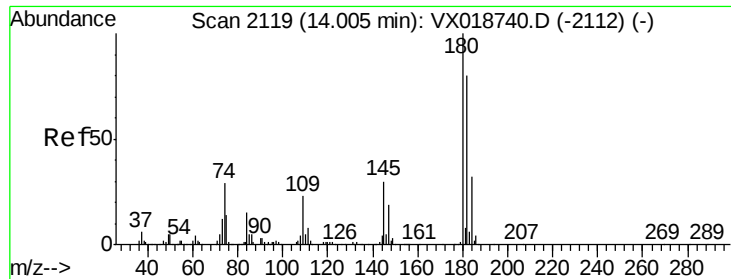


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

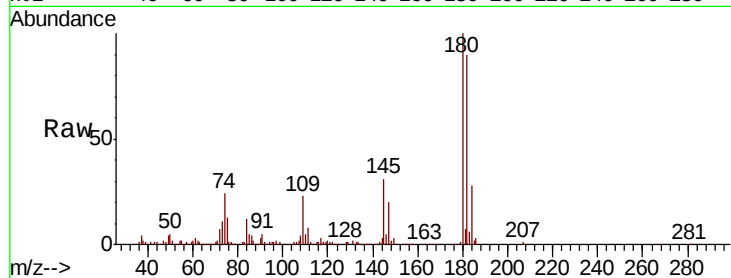




#71
 1,2,3-Trichlorobenzene
 Concen: 5.431 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX018757.D
 Acq: 02 Oct 2020 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N3

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	73.6	110.4
145	33.3	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

