

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
 Data File : VX018731.D
 Acq On : 01 Oct 2020 16:57
 Operator : JC/SP
 Sample : VSTD01061
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG496

Quant Time: Oct 01 17:25:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 17:22:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	203536	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	196343	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	101983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	137126	12.30	ug/L	0.00
7) Chloroethane-d5	1.70	69	104131	11.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	298817	12.34	ug/L	0.00
20) 2-Butanone-d5	4.56	46	354381	127.14	ug/L	0.00
24) Chloroform-d	5.14	84	305411	11.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	180998	11.93	ug/L	0.00
32) Benzene-d6	6.05	84	533987	11.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	150665	10.89	ug/L	0.00
41) Toluene-d8	8.70	98	526995	11.58	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	80338	12.58	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	297468	131.19	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	124900	11.89	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	202622	11.88	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148201	11.926	ug/L	98
3) Chloromethane	1.31	50	108951	10.438	ug/L	99
5) Vinyl chloride	1.39	62	118260	10.702	ug/L	99
6) Bromomethane	1.64	94	73144	10.837	ug/L	96
8) Chloroethane	1.72	64	70369	11.559	ug/L	94
9) Trichlorofluoromethane	1.92	101	243358	12.390	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	118353	11.213	ug/L	97
12) 1,1-Dichloroethene	2.36	96	110974	11.201	ug/L	97
13) Acetone	2.46	43	172088	113.809	ug/L	100
14) Carbon disulfide	2.55	76	332158	10.945	ug/L	98
15) Methyl Acetate	2.76	43	41123	10.092	ug/L	92
16) Methylene chloride	2.84	84	111724	8.160	ug/L	99
17) Methyl tert-butyl Ether	3.17	73	270135	12.000	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	109426	10.980	ug/L	93
19) 1,1-Dichloroethane	3.67	63	202085	11.294	ug/L	98
21) 2-Butanone	4.66	43	268700	112.861	ug/L #	74
22) cis-1,2-Dichloroethene	4.57	96	115244	11.032	ug/L #	90
23) Bromochloromethane	4.98	128	55457	11.035	ug/L #	90
25) Chloroform	5.17	83	227282	11.462	ug/L	88
27) 1,2-Dichloroethane	6.17	62	157531	12.417	ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	229413	11.947	ug/L	99
30) Cyclohexane	5.56	56	166085	11.046	ug/L	97
31) Carbon tetrachloride	5.75	117	218819	12.377	ug/L	96
33) Benzene	6.12	78	423168	11.088	ug/L	100
34) Trichloroethene	7.19	95	125625	11.310	ug/L	91
35) Methylcyclohexane	7.44	83	178133	11.543	ug/L	99
37) 1,2-Dichloropropane	7.49	63	105580	10.575	ug/L	97
38) Bromodichloromethane	7.88	83	158611	11.421	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	171557	11.848	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	657673	117.090	ug/L	99

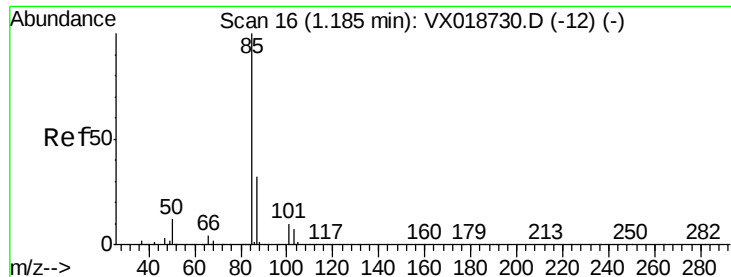
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
 Data File : VX018731.D
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 QLast Update : Thu Oct 01 17:22:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	484988	11.768	ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	475905	13.027	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	489963	13.364	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	160576	12.077	ug/L	91
47) 1,1,2-Trichloroethane	9.20	97	79919	10.965	ug/L	98
49) Tetrachloroethene	9.32	164	106487	11.991	ug/L	95
50) 2-Hexanone	9.48	43	478401	119.966	ug/L	98
51) Dibromochloromethane	9.57	129	114272	11.677	ug/L	96
52) 1,2-Dibromoethane	9.65	107	75630	11.201	ug/L	98
53) Chlorobenzene	10.12	112	313008	11.518	ug/L	98
54) Ethylbenzene	10.23	91	537393	11.918	ug/L	96
55) m,p-xylene	10.34	106	209512	12.090	ug/L	96
56) o-xylene	10.68	106	197786	12.071	ug/L	97
57) Styrene	10.70	104	340921	12.666	ug/L	98
58) Isopropylbenzene	11.00	105	545489	12.337	ug/L	96
60) 1,1,2,2-Tetrachloroethane	11.25	83	90830	11.074	ug/L	99
62) Bromoform	10.84	173	69724	12.478	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	267029	11.927	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	260345	11.411	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	246572	11.791	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	18990	10.681	ug/L	98
68) 1,3,5-Trichlorobenzene	13.15	180	196223	11.559	ug/L	100
69) 1,2,4-trichlorobenzene	13.63	180	171018	12.310	ug/L	98
70) Naphthalene	13.82	128	298272	12.731	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	164080	13.030	ug/L	94

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



#2

Dichlorodifluoromethane

Concen: 11.926 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

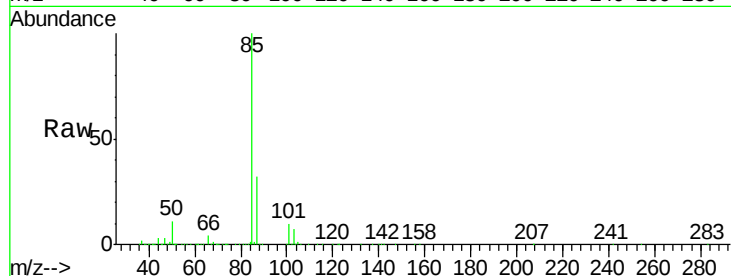
BG496

Tgt Ion: 85 Resp: 148201

Ion Ratio Lower Upper

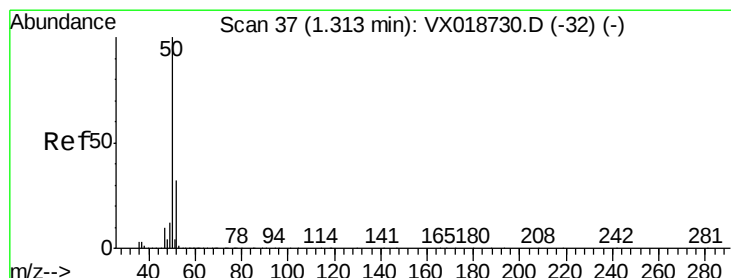
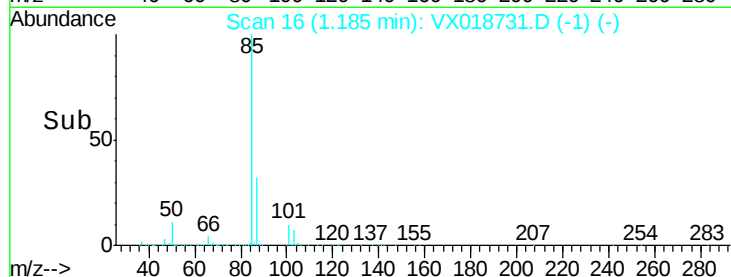
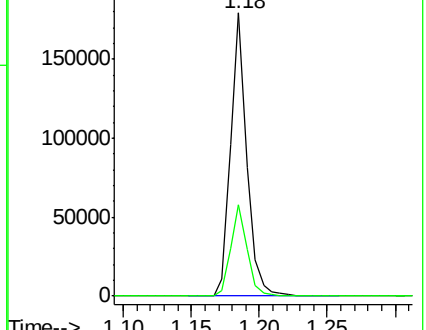
85 100

87 32.8 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 10.438 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018731.D

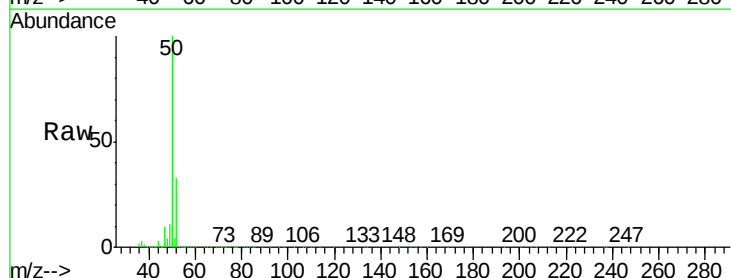
Acq: 01 Oct 2020 16:57

Tgt Ion: 50 Resp: 108951

Ion Ratio Lower Upper

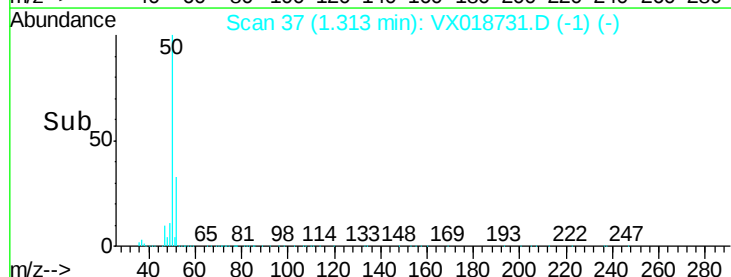
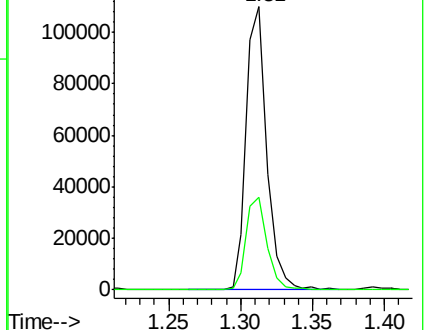
50 100

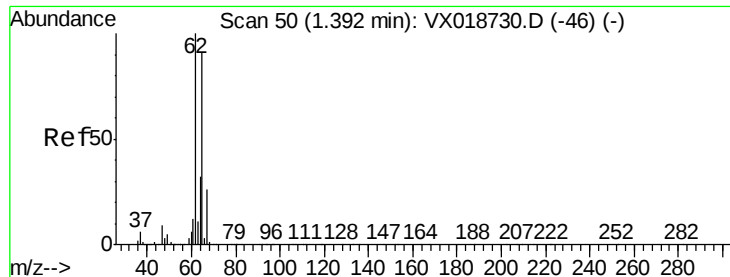
52 32.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0





#5

Vinyl chloride

Concen: 10.702 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

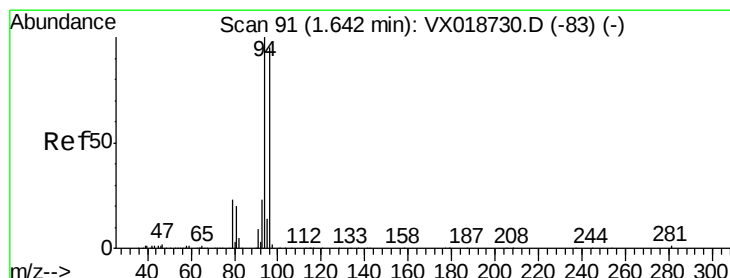
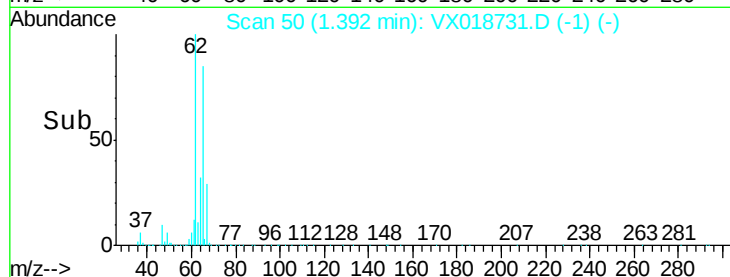
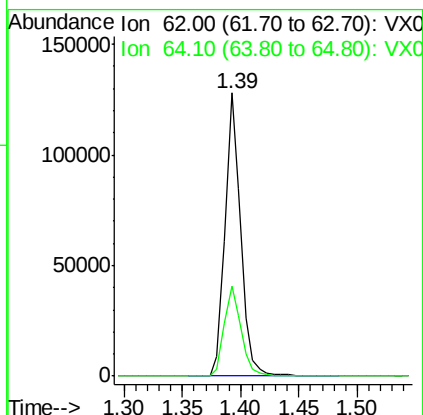
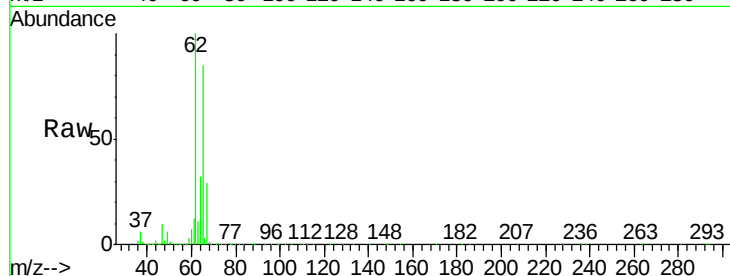
BG496

Tgt Ion: 62 Resp: 118260

Ion Ratio Lower Upper

62 100

64 32.0 22.7 42.1



#6

Bromomethane

Concen: 10.837 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018731.D

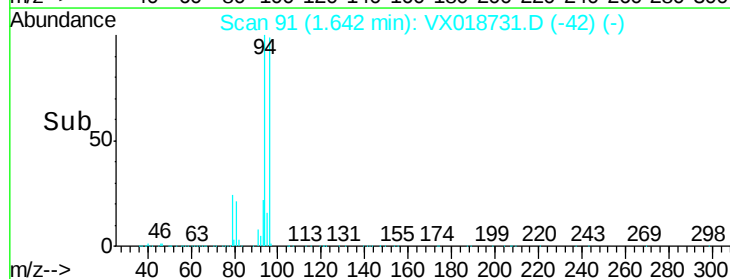
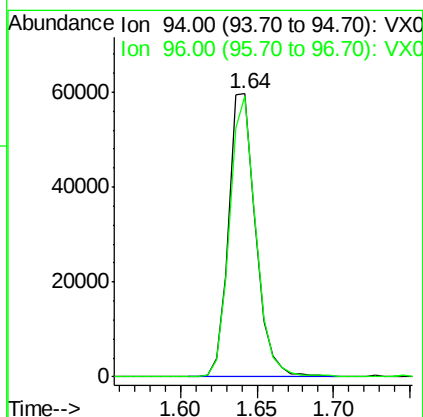
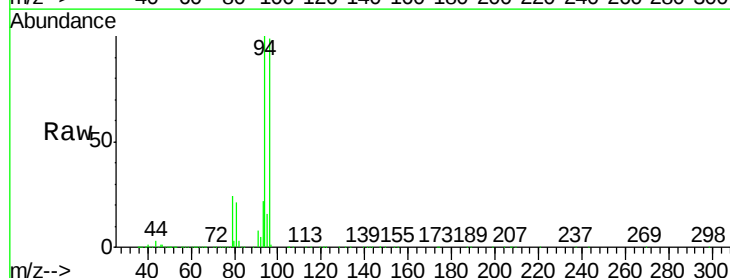
Acq: 01 Oct 2020 16:57

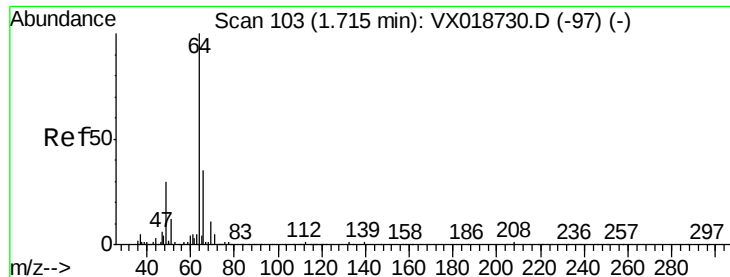
Tgt Ion: 94 Resp: 73144

Ion Ratio Lower Upper

94 100

96 99.4 66.6 123.8





#8

Chloroethane

Concen: 11.559 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

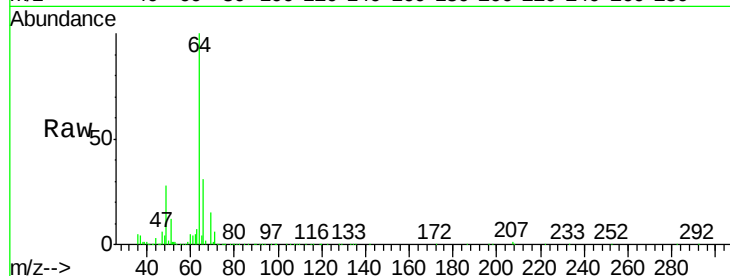
BG496

Tgt Ion: 64 Resp: 70369

Ion Ratio Lower Upper

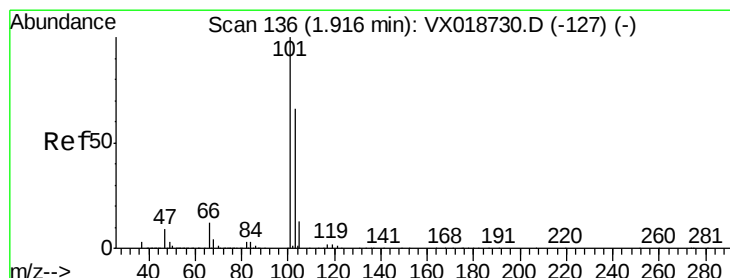
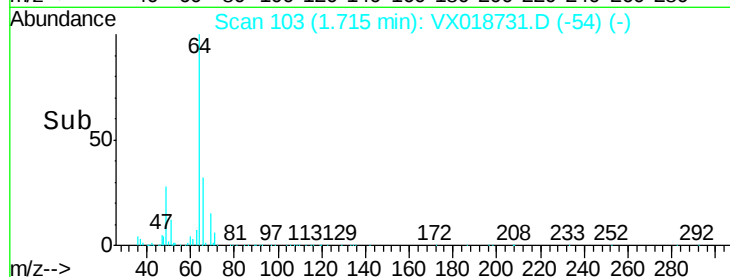
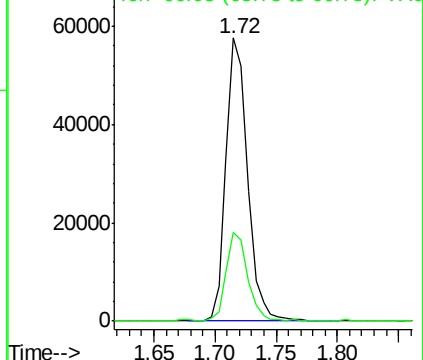
64 100

66 31.3 24.5 45.5



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0



#9

Trichlorofluoromethane

Concen: 12.390 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX018731.D

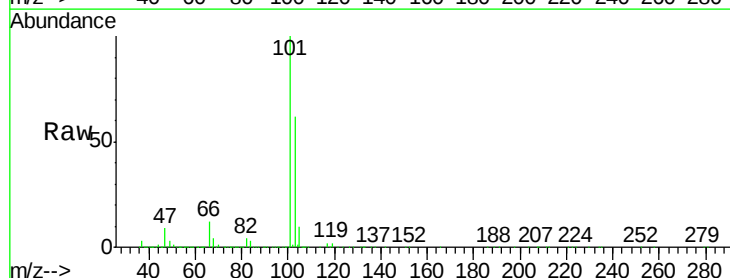
Acq: 01 Oct 2020 16:57

Tgt Ion: 101 Resp: 243358

Ion Ratio Lower Upper

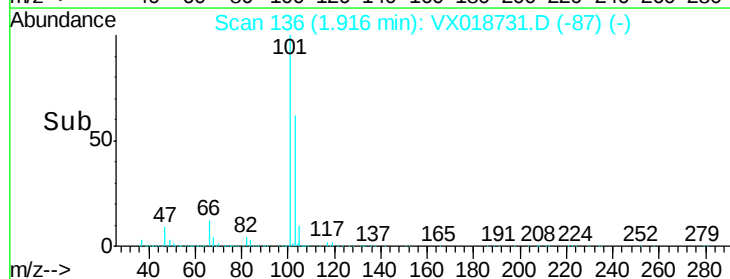
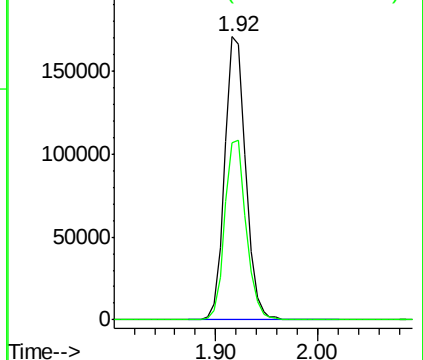
101 100

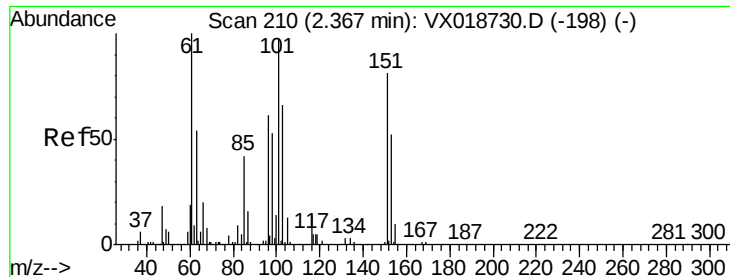
103 64.2 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 11.213 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

BG496

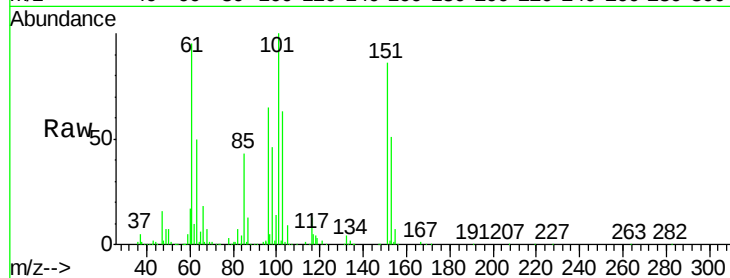
Tgt Ion: 101 Resp: 118353

Ion Ratio Lower Upper

101 100

85 44.0 36.6 55.0

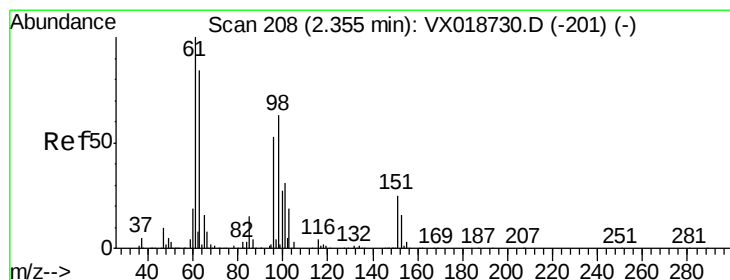
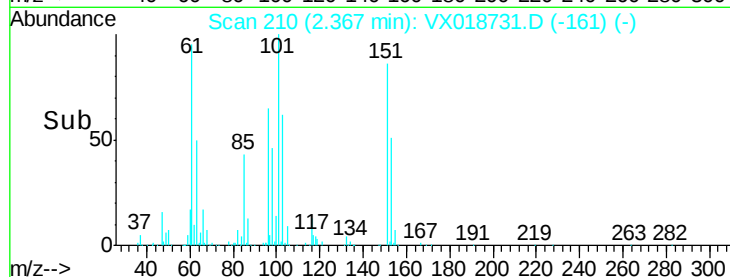
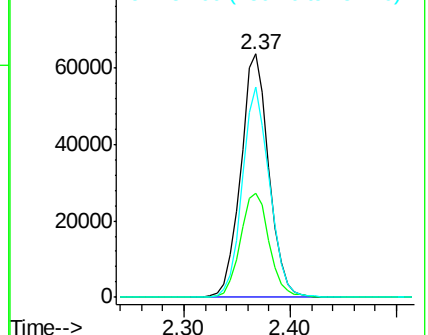
151 83.7 65.0 97.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 11.201 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

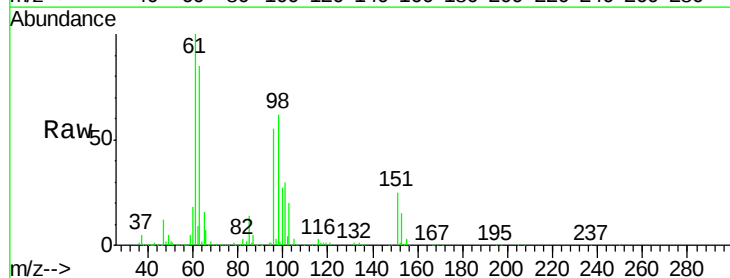
Tgt Ion: 96 Resp: 110974

Ion Ratio Lower Upper

96 100

61 183.2 131.0 243.4

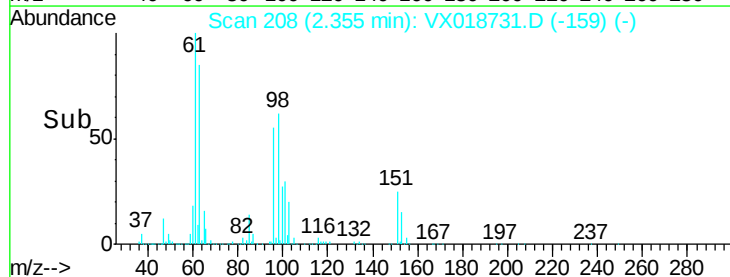
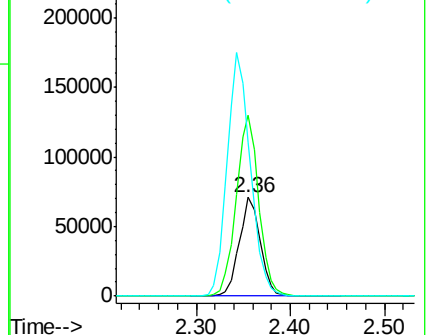
63 155.4 112.1 208.1

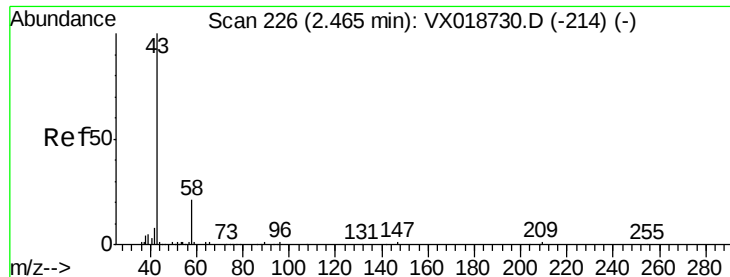


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 113.809 ug/L

RT: 2.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

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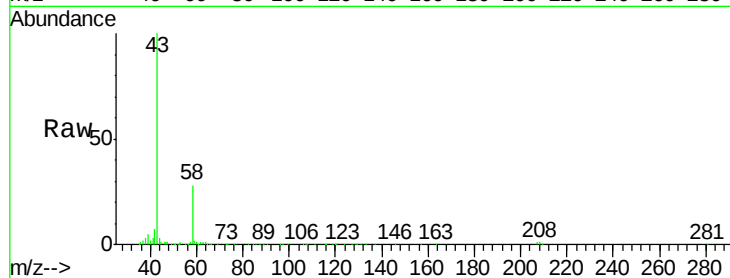
BG496

Tgt Ion: 43 Resp: 172088

Ion Ratio Lower Upper

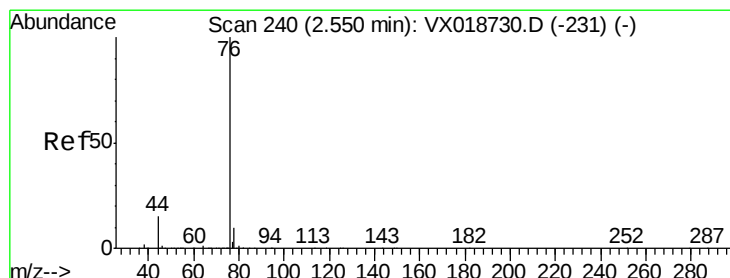
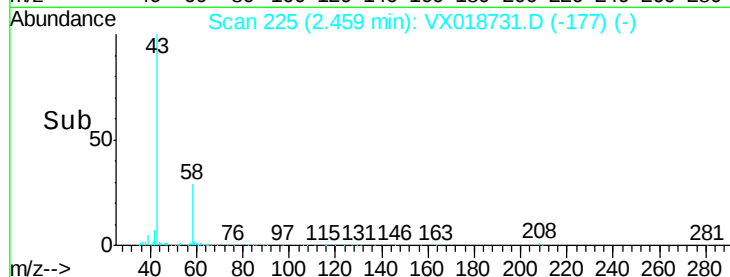
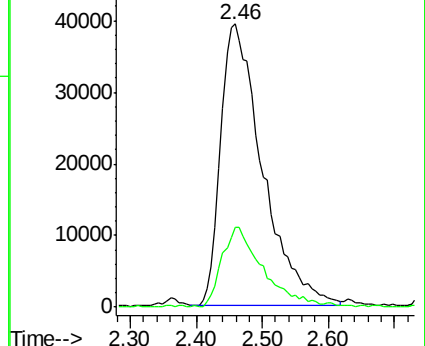
43 100

58 27.2 0.0 54.2



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 10.945 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018731.D

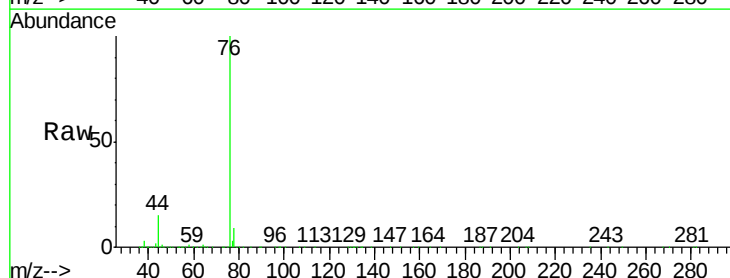
Acq: 01 Oct 2020 16:57

Tgt Ion: 76 Resp: 332158

Ion Ratio Lower Upper

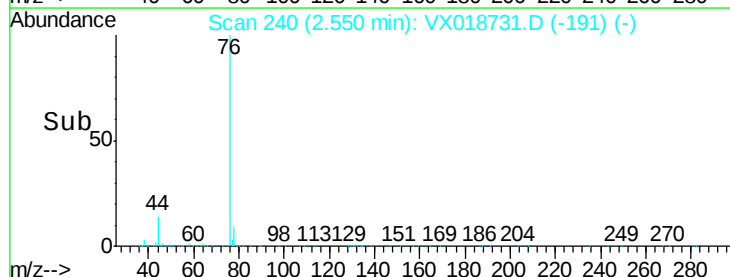
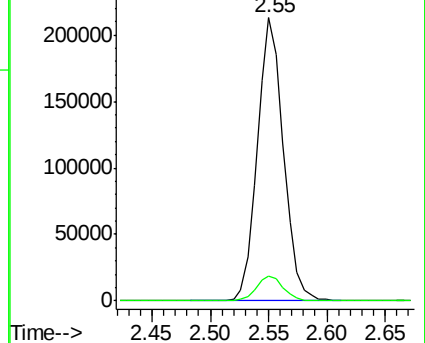
76 100

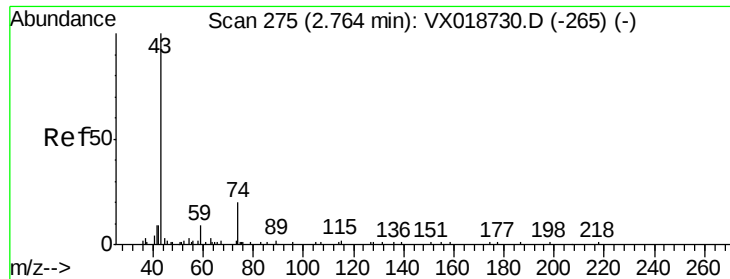
78 8.8 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

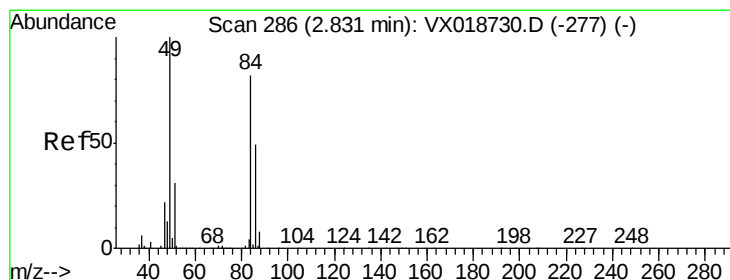
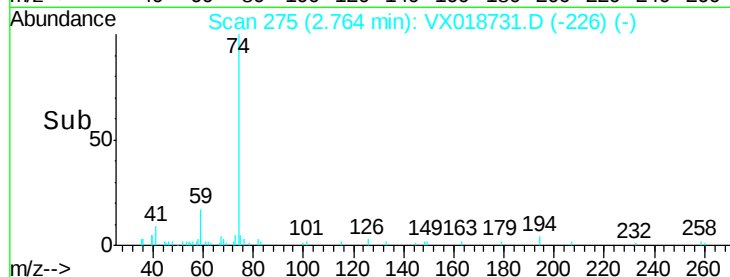
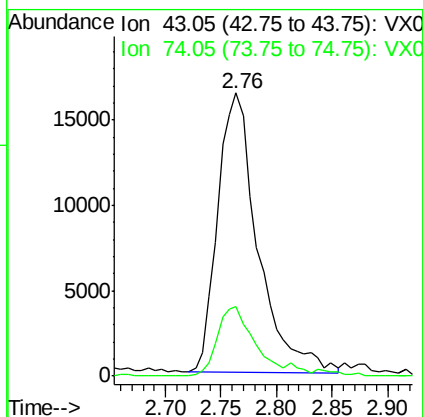
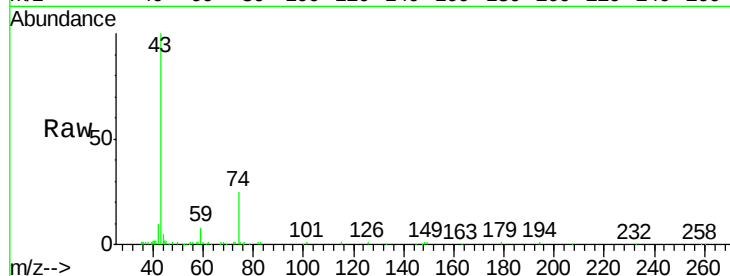




#15
Methyl Acetate
Concen: 10.092 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX018731.D
Acq: 01 Oct 2020 16:57

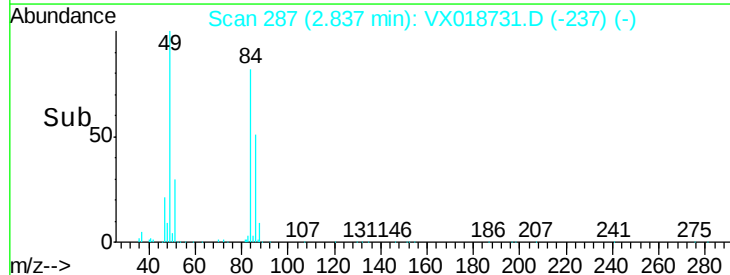
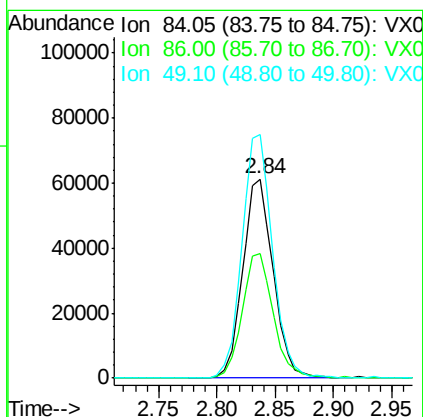
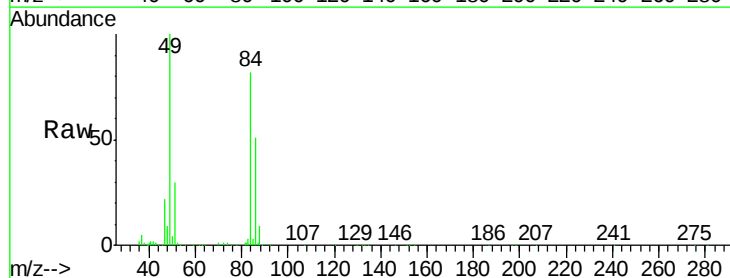
Instrument :
MSVOA_X
ClientSampleId :
BG496

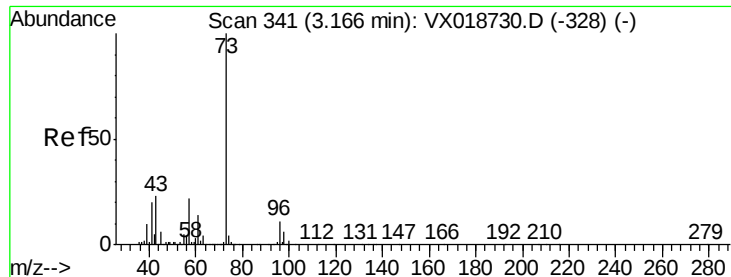
Tgt Ion: 43 Resp: 41123
Ion Ratio Lower Upper
43 100
74 22.5 21.5 32.3



#16
Methylene chloride
Concen: 8.160 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018731.D
Acq: 01 Oct 2020 16:57

Tgt Ion: 84 Resp: 111724
Ion Ratio Lower Upper
84 100
86 62.5 42.5 78.9
49 122.1 86.2 160.0





#17

Methyl tert-butyl Ether

Concen: 12.000 ug/L

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

BG496

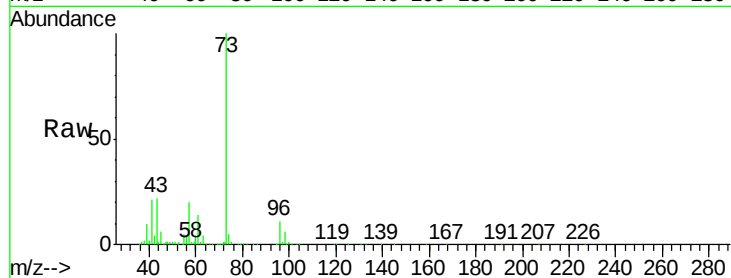
Tgt Ion: 73 Resp: 270135

Ion Ratio Lower Upper

73 100

43 23.3 19.2 28.8

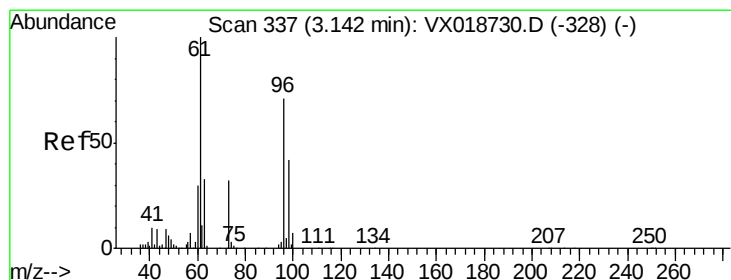
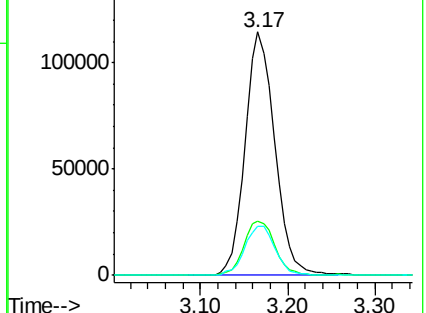
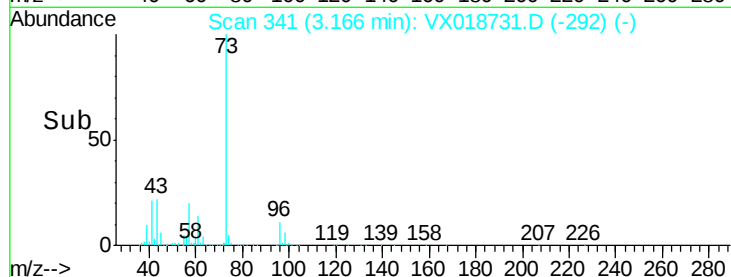
57 21.1 17.1 25.7



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: 10.980 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

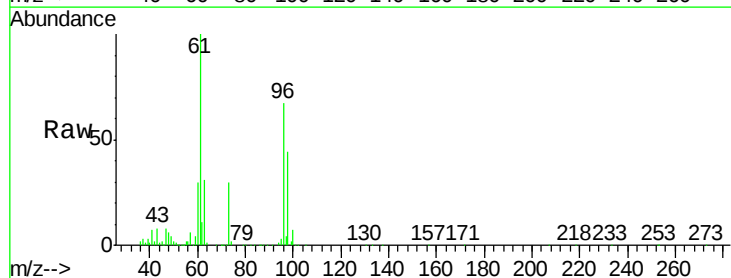
Tgt Ion: 96 Resp: 109426

Ion Ratio Lower Upper

96 100

61 148.2 98.1 182.3

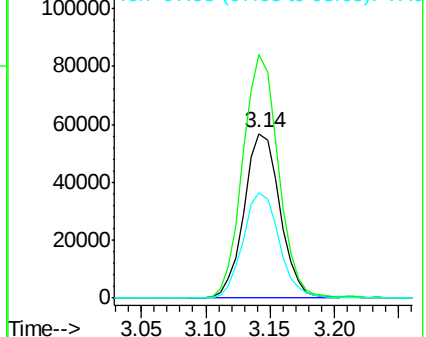
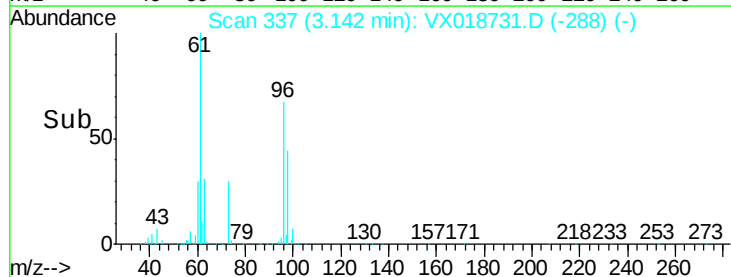
98 64.5 41.2 76.6

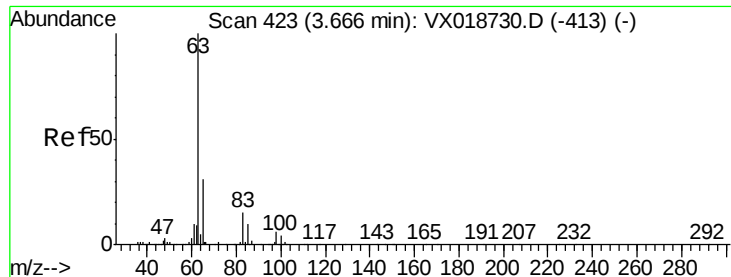


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0





#19

1,1-Dichloroethane

Concen: 11.294 ug/L

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

BG496

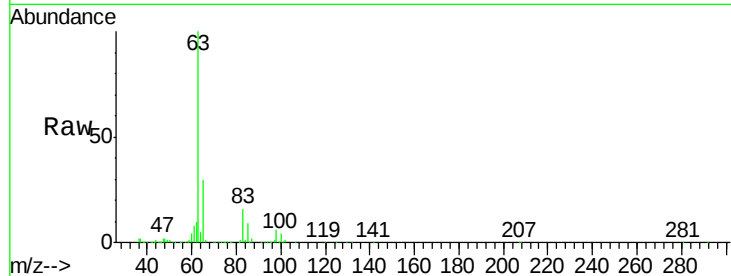
Tgt Ion: 63 Resp: 202085

Ion Ratio Lower Upper

63 100

65 30.1 22.0 40.8

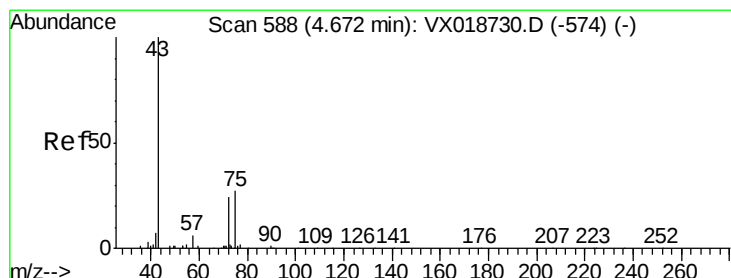
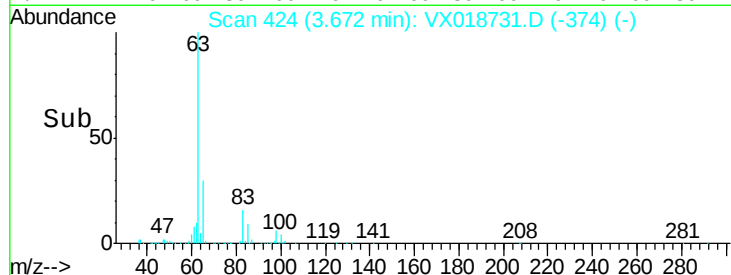
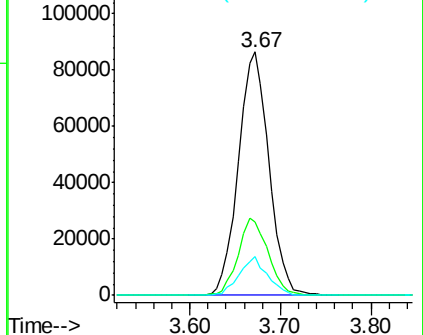
83 16.0 10.5 19.5



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: 112.861 ug/L

RT: 4.66 min Scan# 586

Delta R.T. -0.01 min

Lab File: VX018731.D

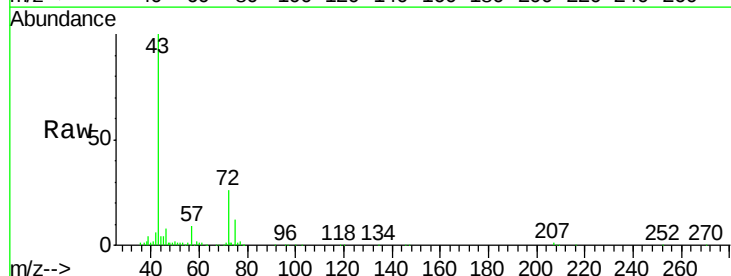
Acq: 01 Oct 2020 16:57

Tgt Ion: 43 Resp: 268700

Ion Ratio Lower Upper

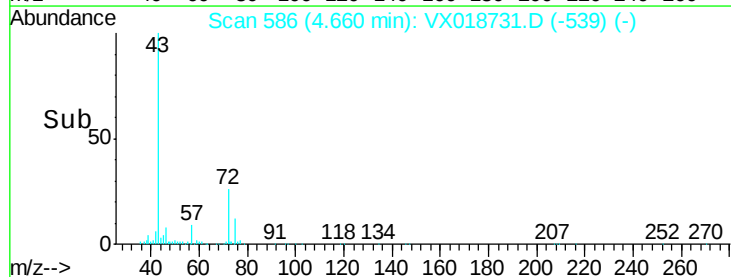
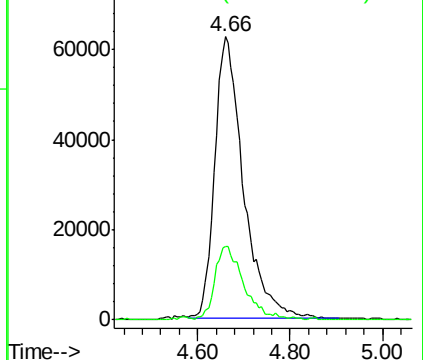
43 100

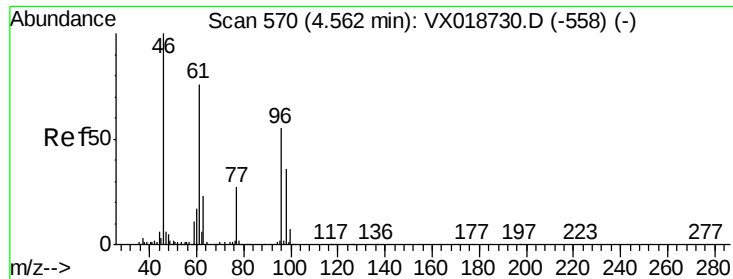
72 25.6 7.4 22.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



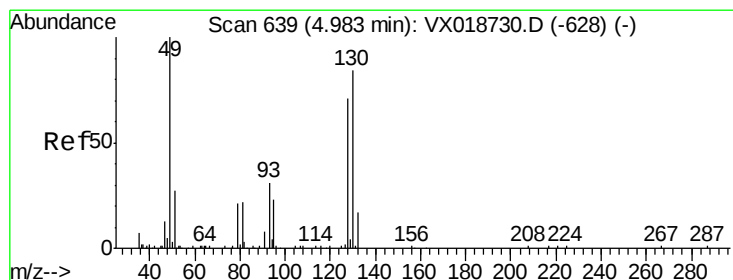
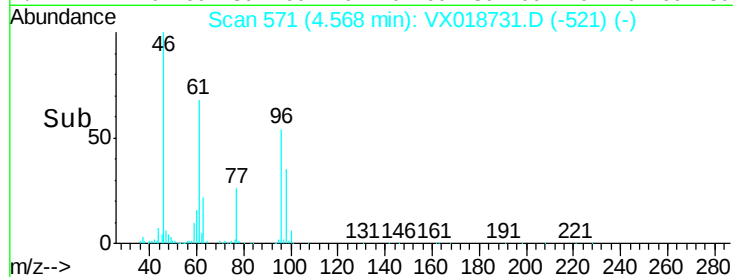
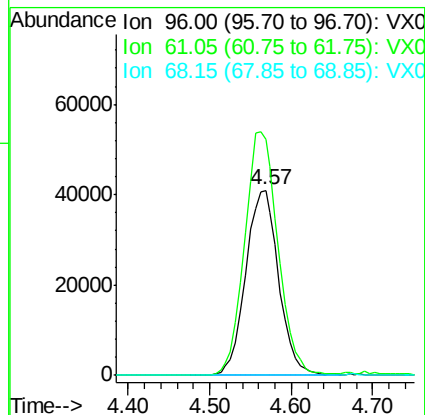
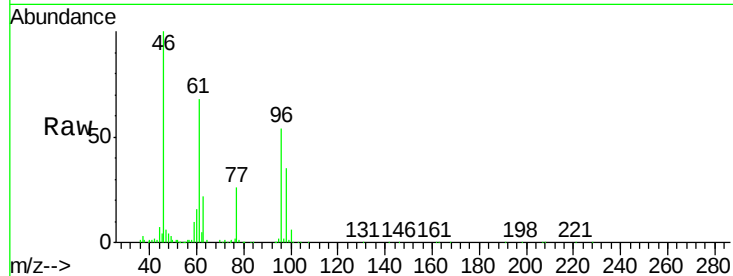


#22

cis-1,2-Dichloroethene
 Concen: 11.032 ug/L
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX018731.D
 Acq: 01 Oct 2020 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 BG496

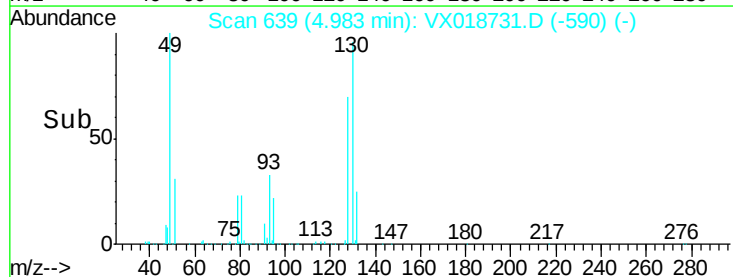
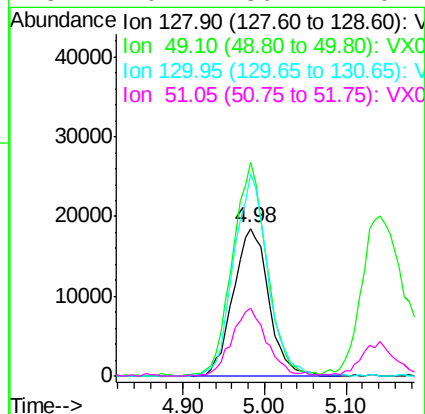
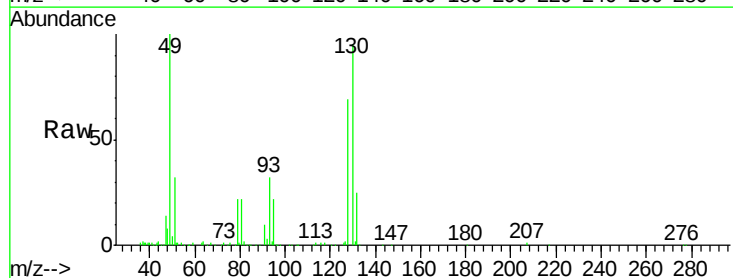
Tgt Ion: 96 Resp: 115244
 Ion Ratio Lower Upper
 96 100
 61 127.2 97.3 180.7
 68 0.0 0.6 1.0#

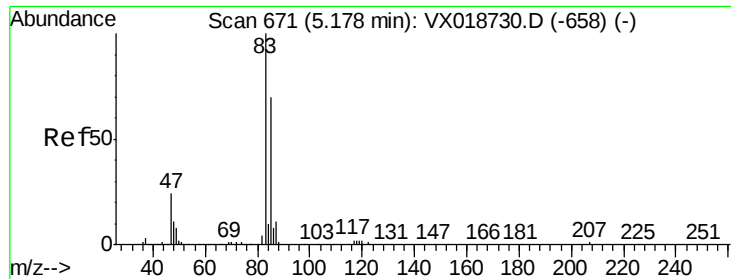


#23

Bromochloromethane
 Concen: 11.035 ug/L
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX018731.D
 Acq: 01 Oct 2020 16:57

Tgt Ion: 128 Resp: 55457
 Ion Ratio Lower Upper
 128 100
 49 144.9 99.3 184.3
 130 137.3 83.0 154.2
 51 46.4 30.7 46.1#





#25

Chloroform

Concen: 11.462 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

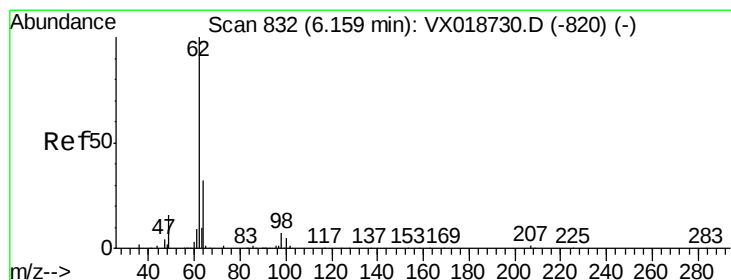
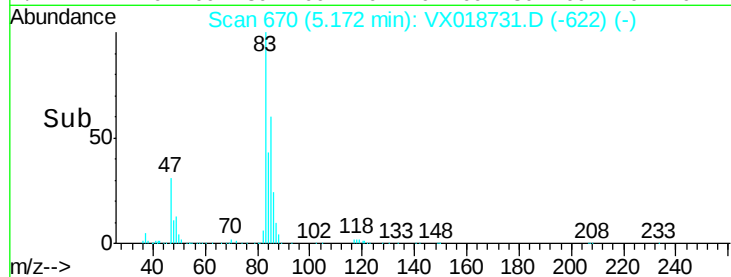
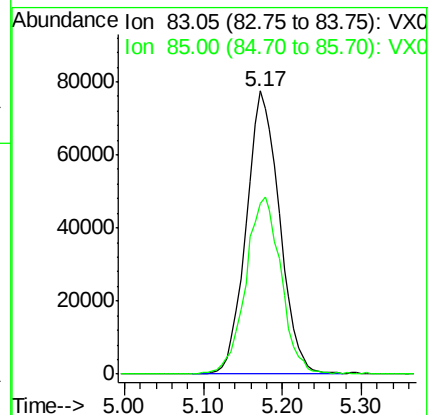
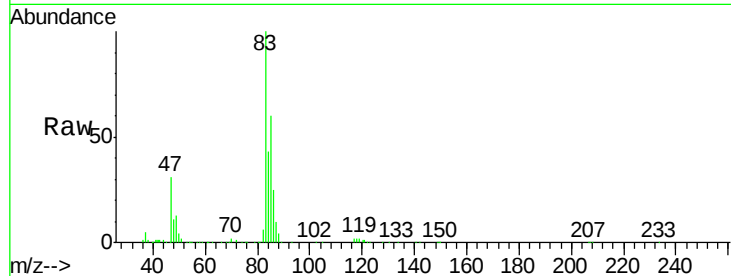
BG496

Tgt Ion: 83 Resp: 227282

Ion Ratio Lower Upper

83 100

85 60.1 49.1 91.3



#27

1,2-Dichloroethane

Concen: 12.417 ug/L

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018731.D

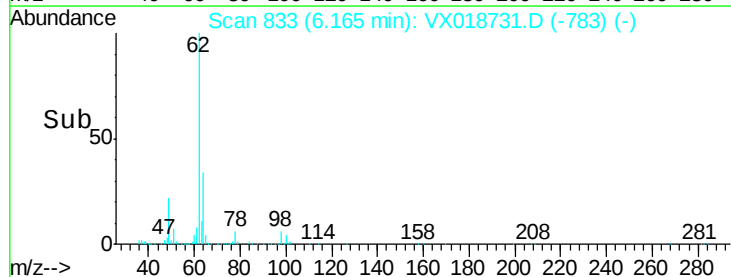
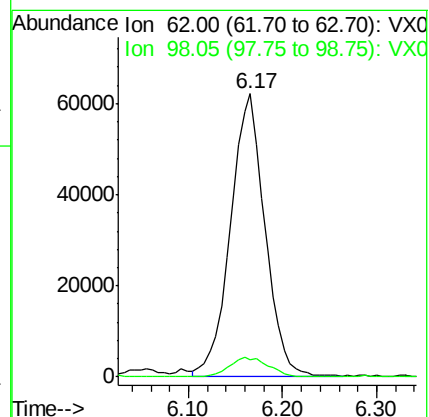
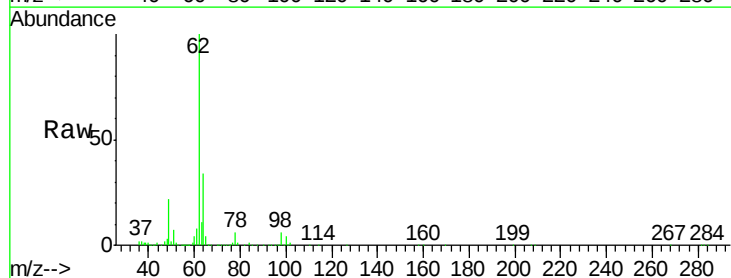
Acq: 01 Oct 2020 16:57

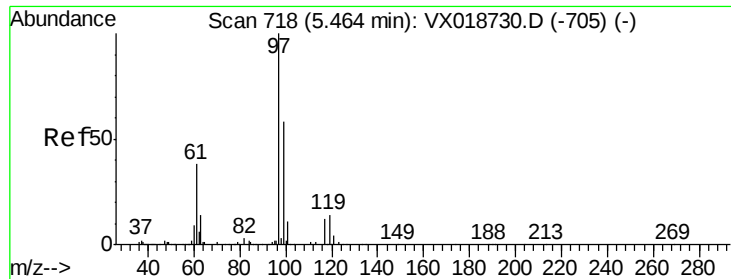
Tgt Ion: 62 Resp: 157531

Ion Ratio Lower Upper

62 100

98 6.0 5.4 8.2





#29

1,1,1-Trichloroethane

Concen: 11.947 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

BG496

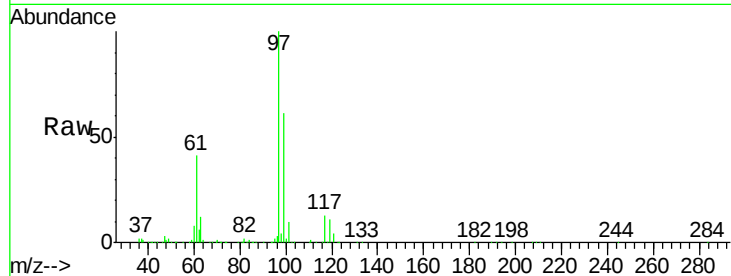
Tgt Ion: 97 Resp: 229413

Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.2

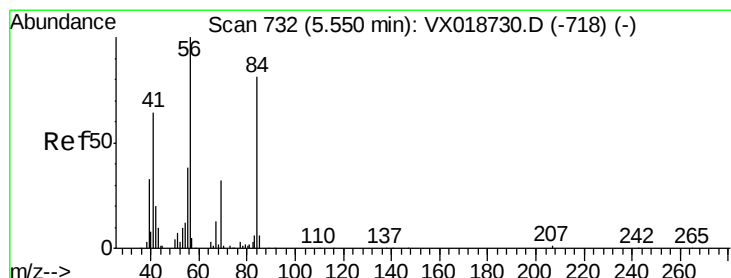
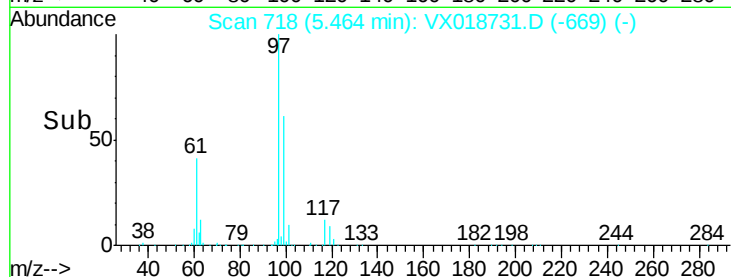
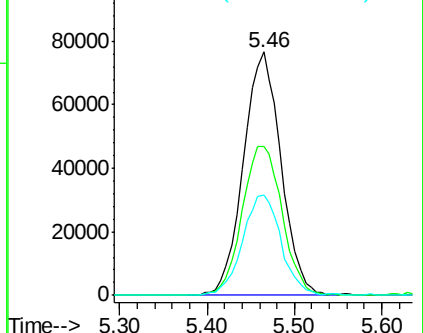
61 42.1 33.9 50.9



Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 61.05 (60.75 to 61.75): VX0



#30

Cyclohexane

Concen: 11.046 ug/L

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

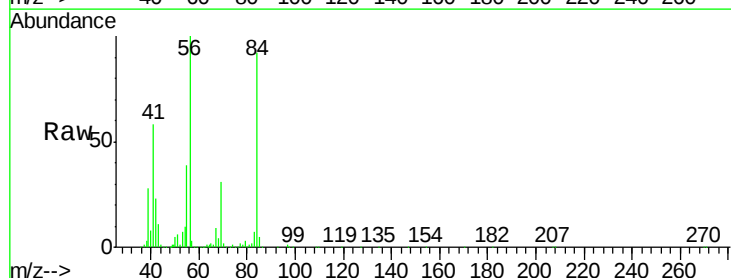
Tgt Ion: 56 Resp: 166085

Ion Ratio Lower Upper

56 100

69 32.9 25.8 38.8

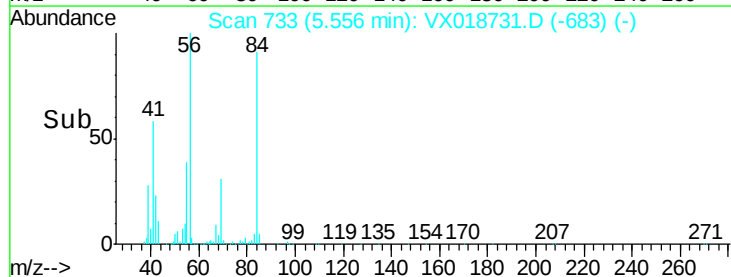
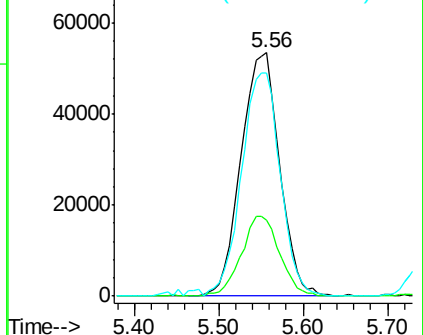
84 92.1 71.4 107.0

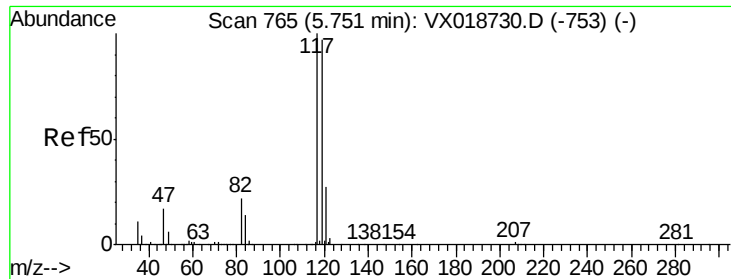


Abundance Ion 56.10 (55.80 to 56.80): VX0

Ion 69.15 (68.85 to 69.85): VX0

Ion 84.15 (83.85 to 84.85): VX0



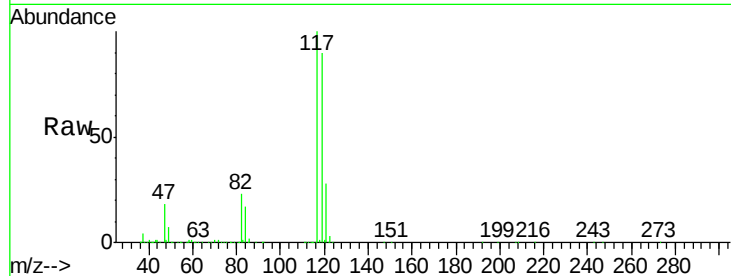


#31

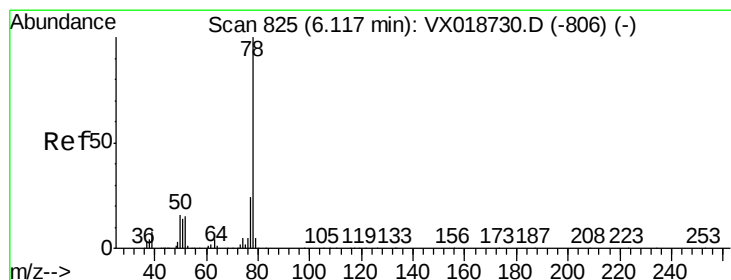
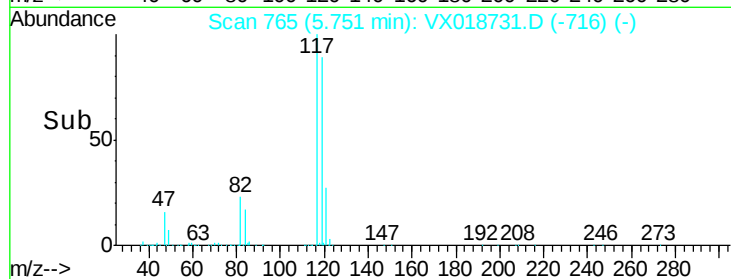
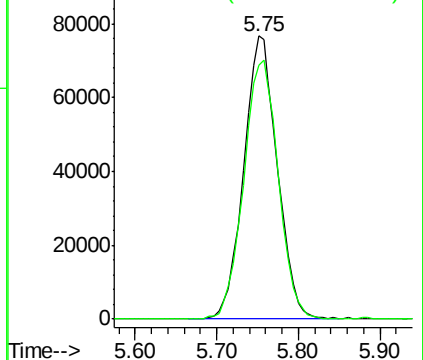
Carbon tetrachloride
Concen: 12.377 ug/L
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018731.D
Acq: 01 Oct 2020 16:57

Instrument :
MSVOA_X
ClientSampleId :
BG496

Tgt Ion:117 Resp: 218819
Ion Ratio Lower Upper
117 100
119 94.6 79.3 118.9



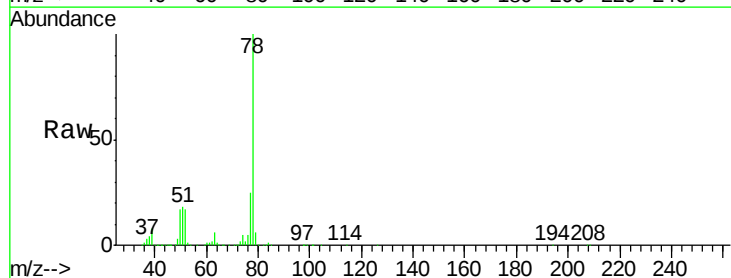
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



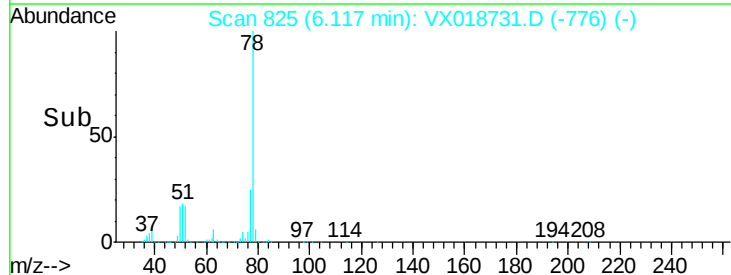
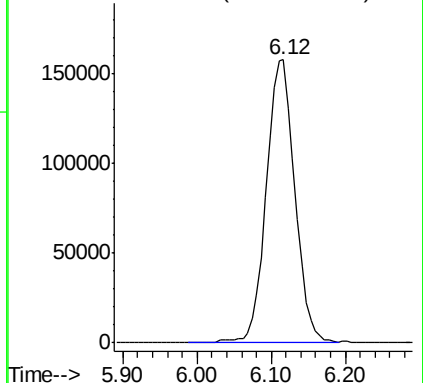
#33

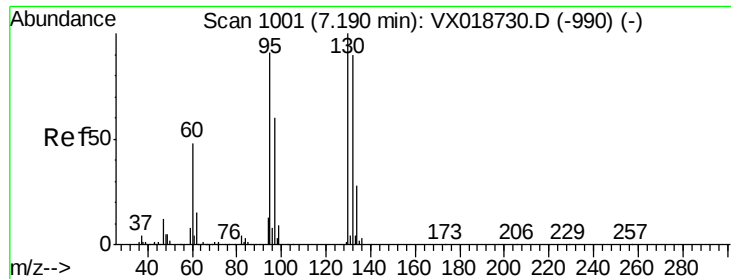
Benzene
Concen: 11.088 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018731.D
Acq: 01 Oct 2020 16:57

Tgt Ion: 78 Resp: 423168



Abundance Ion 78.10 (77.80 to 78.80): VX0

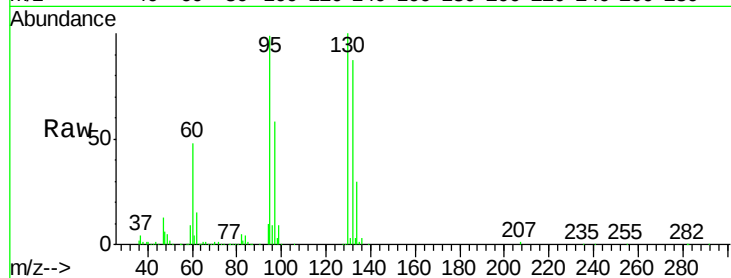




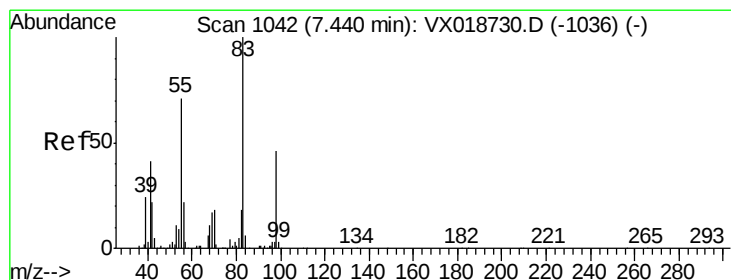
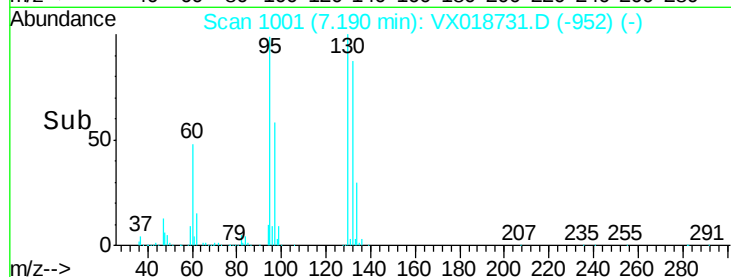
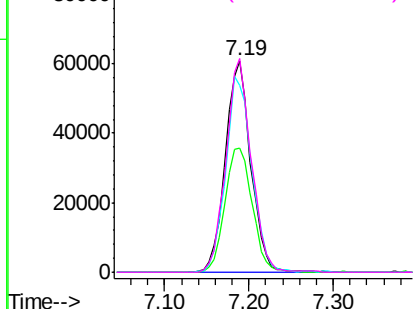
#34
 Trichloroethene
 Concen: 11.310 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018731.D
 Acq: 01 Oct 2020 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 BG496

Tgt Ion: 95 Resp: 125625
 Ion Ratio Lower Upper
 95 100
 97 58.9 45.8 85.2
 132 88.2 69.2 128.6
 130 100.9 76.8 142.6

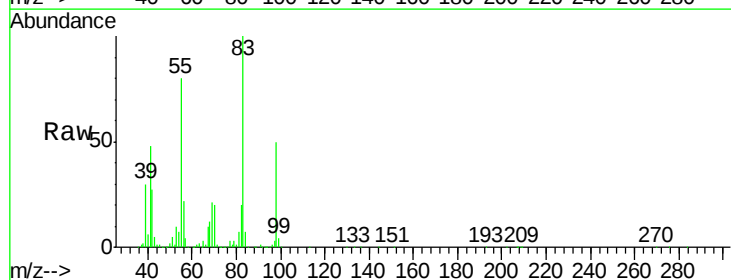


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 96.95 (96.65 to 97.65): VX0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

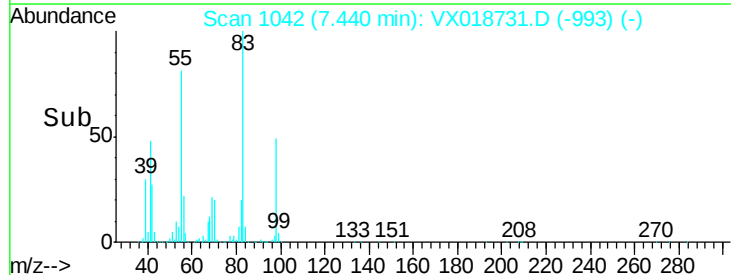
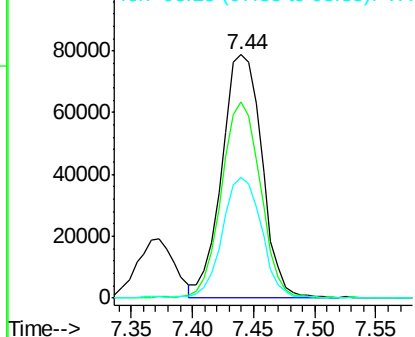


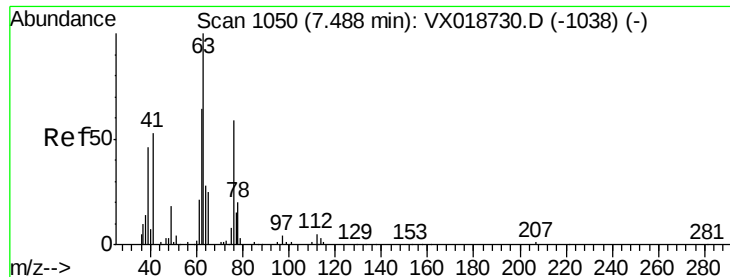
#35
 Methylcyclohexane
 Concen: 11.543 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX018731.D
 Acq: 01 Oct 2020 16:57

Tgt Ion: 83 Resp: 178133
 Ion Ratio Lower Upper
 83 100
 55 78.6 62.7 94.1
 98 48.8 37.2 55.8



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





#37

1,2-Dichloropropane

Concen: 10.575 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

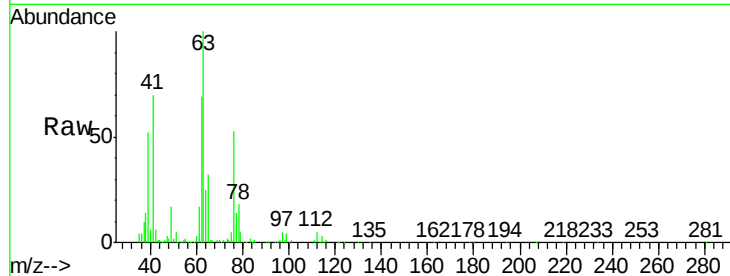
BG496

Tgt Ion: 63 Resp: 105580

Ion Ratio Lower Upper

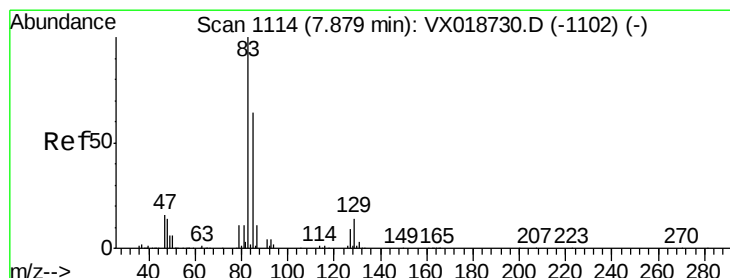
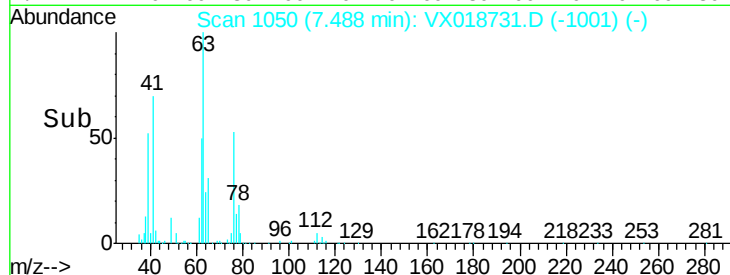
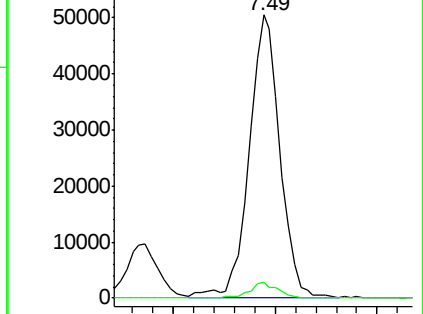
63 100

112 5.0 4.8 7.2



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V



#38

Bromodichloromethane

Concen: 11.421 ug/L

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

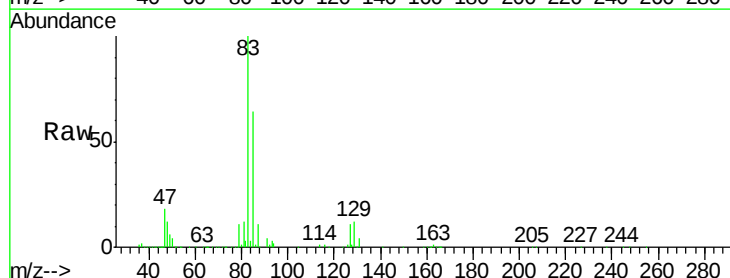
Tgt Ion: 83 Resp: 158611

Ion Ratio Lower Upper

83 100

85 63.8 44.8 83.2

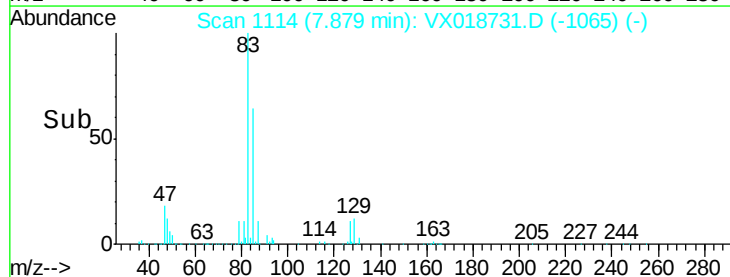
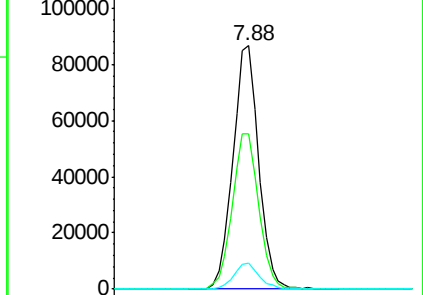
127 10.7 7.4 11.0

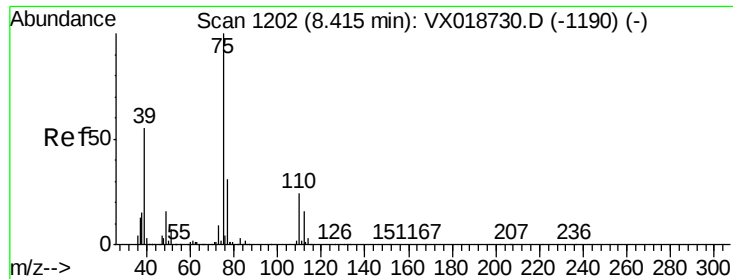


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V

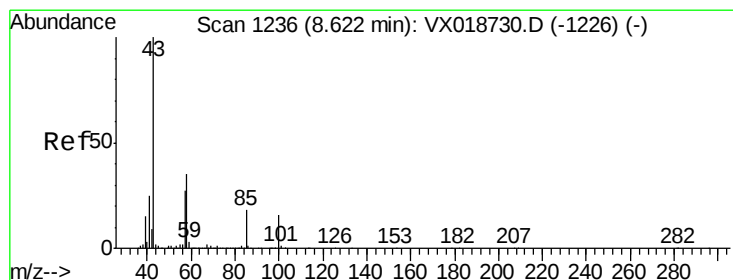
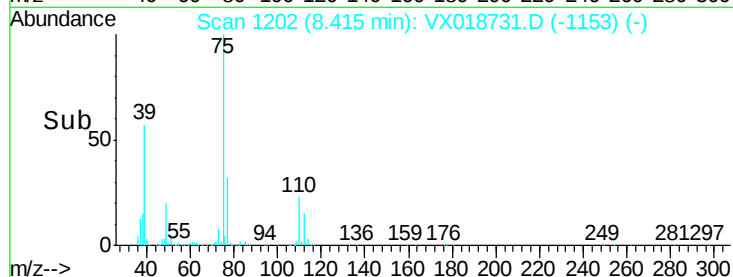
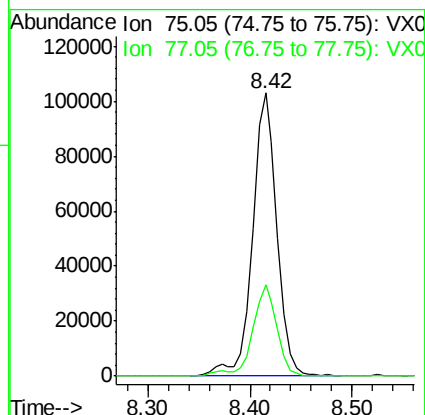
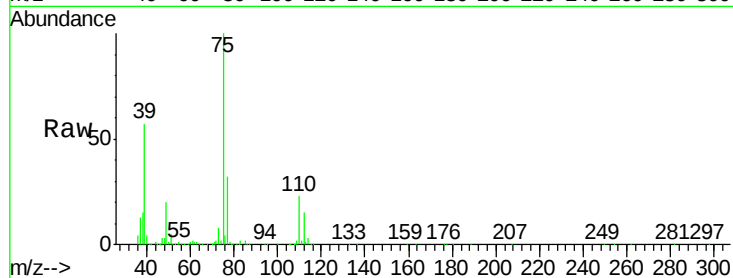




#39
 cis-1,3-Dichloropropene
 Concen: 11.848 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018731.D
 Acq: 01 Oct 2020 16:57

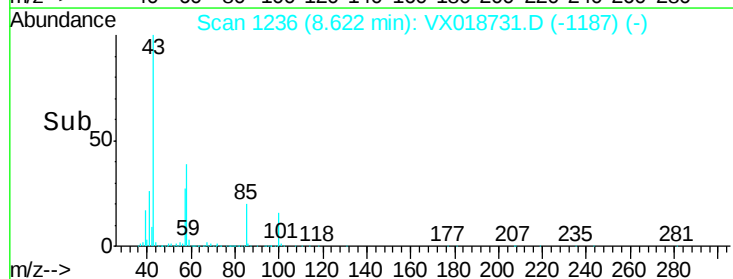
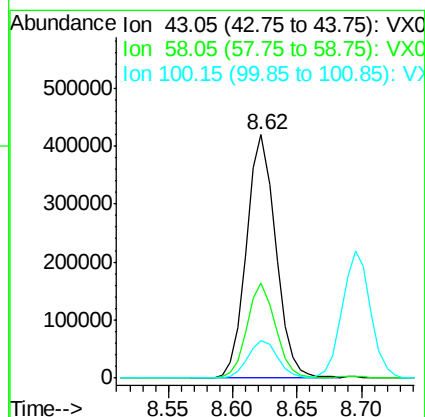
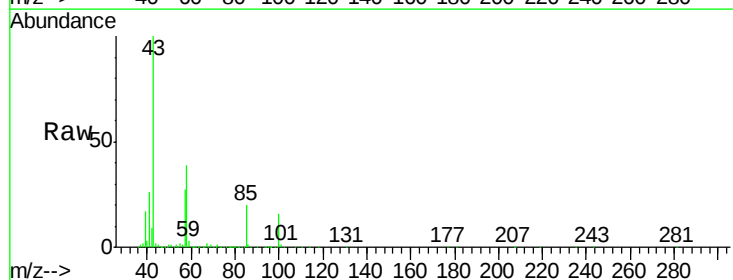
Instrument :
 MSVOA_X
 ClientSampleID :
 BG496

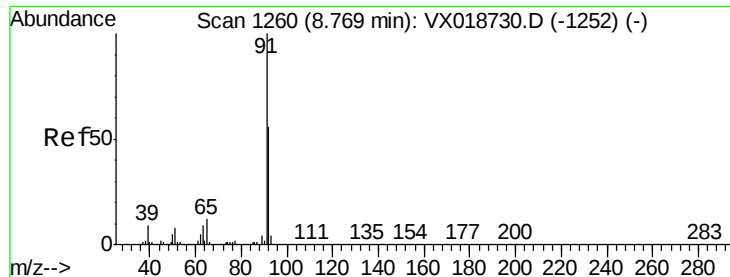
Tgt Ion: 75 Resp: 171557
 Ion Ratio Lower Upper
 75 100
 77 32.5 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 117.090 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018731.D
 Acq: 01 Oct 2020 16:57

Tgt Ion: 43 Resp: 657673
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.1 45.1
 100 15.8 12.2 18.4





#42

Toluene

Concen: 11.768 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

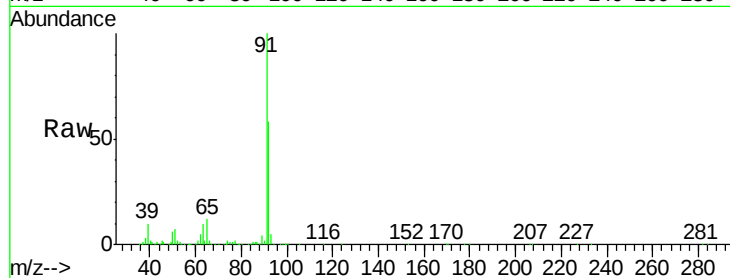
BG496

Tgt Ion: 91 Resp: 484988

Ion Ratio Lower Upper

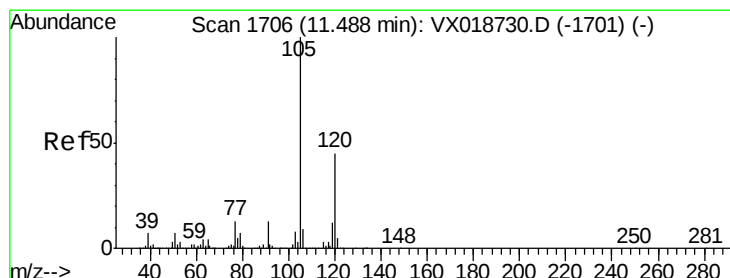
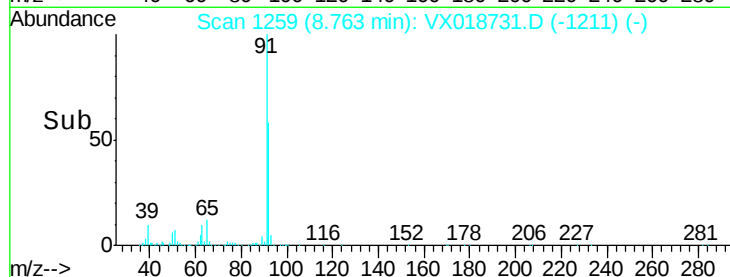
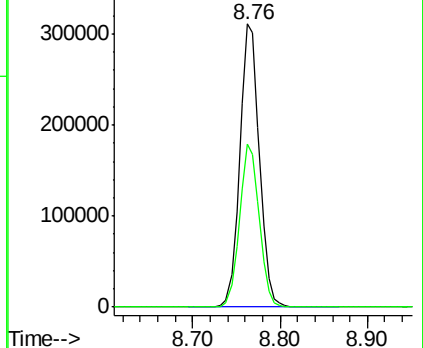
91 100

92 57.8 39.4 73.2



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#43

1,3,5-Trimethylbenzene

Concen: 13.027 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018731.D

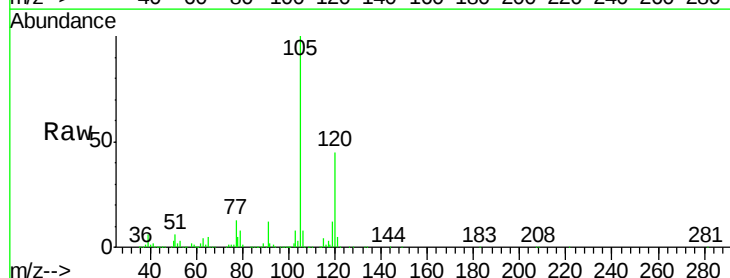
Acq: 01 Oct 2020 16:57

Tgt Ion: 105 Resp: 475905

Ion Ratio Lower Upper

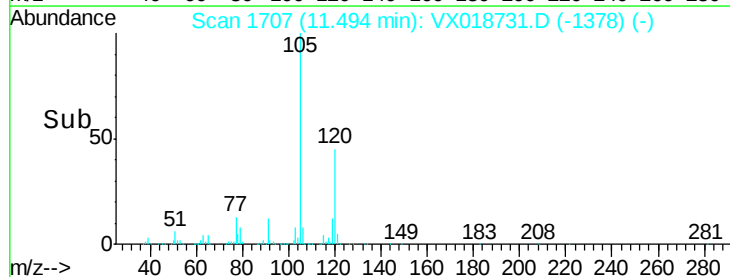
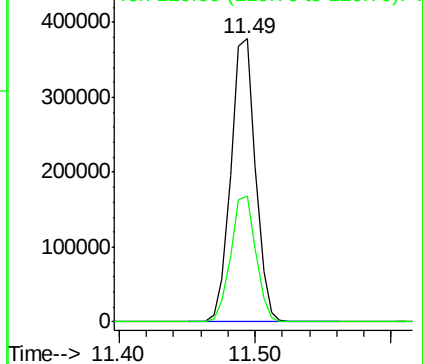
105 100

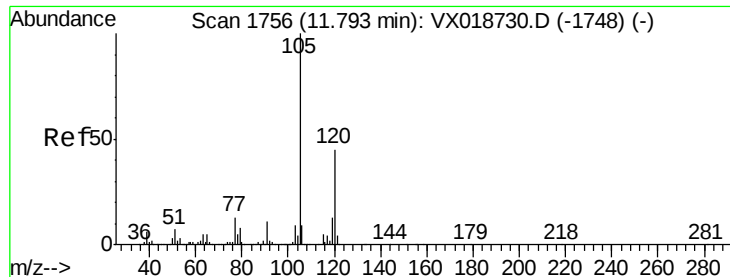
120 45.2 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

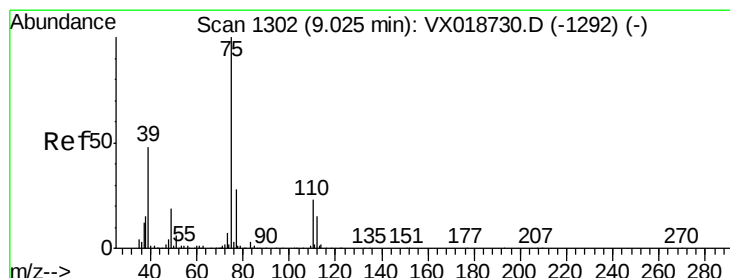
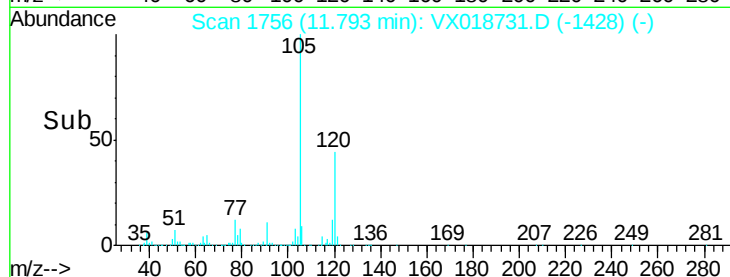
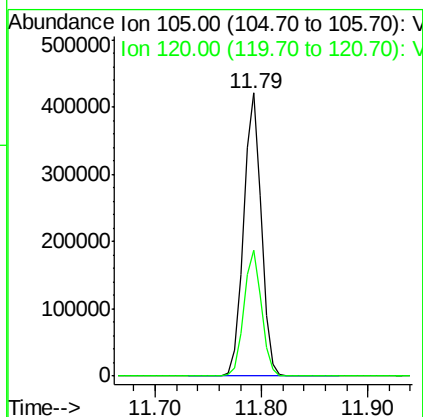
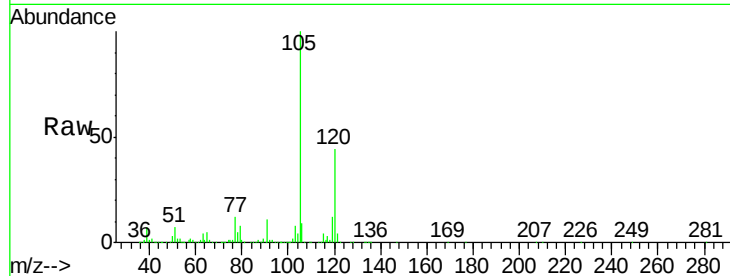




#44
 1,2,4-Trimethylbenzene
 Concen: 13.364 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018731.D
 Acq: 01 Oct 2020 16:57

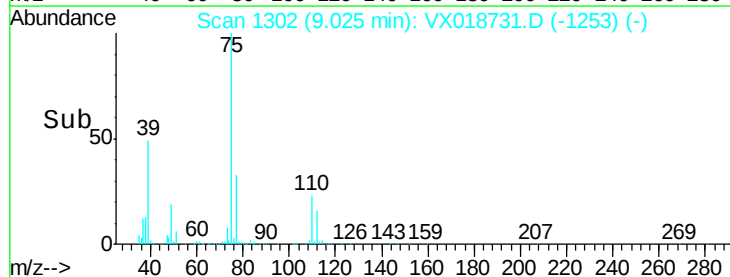
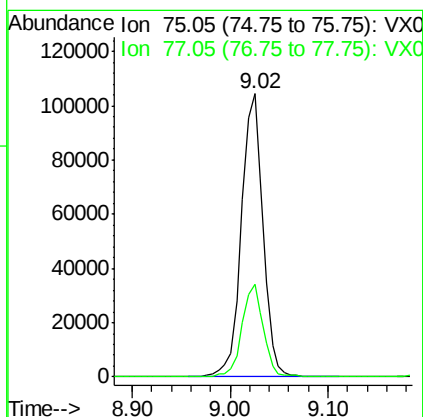
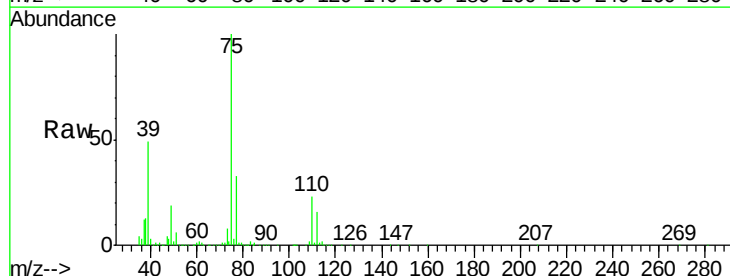
Instrument :
 MSVOA_X
 ClientSampleId :
 BG496

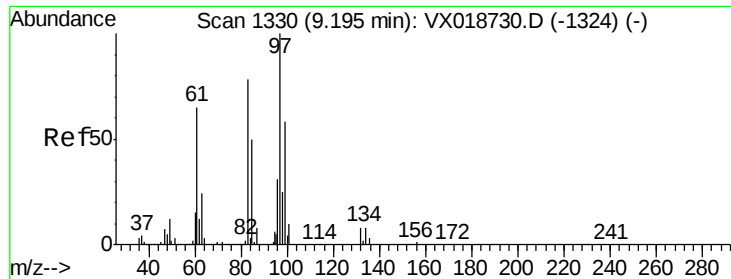
Tgt Ion: 105 Resp: 489963
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.8 53.6



#46
 trans-1,3-Dichloropropene
 Concen: 12.077 ug/L
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018731.D
 Acq: 01 Oct 2020 16:57

Tgt Ion: 75 Resp: 160576
 Ion Ratio Lower Upper
 75 100
 77 32.7 19.7 36.7

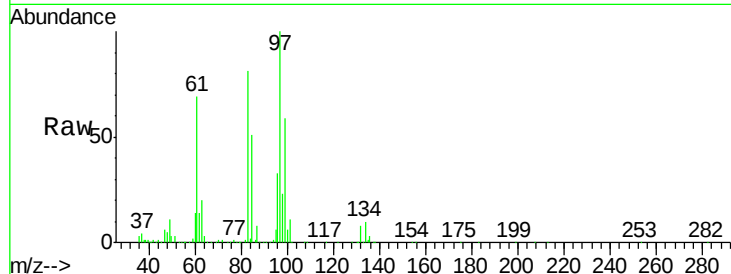




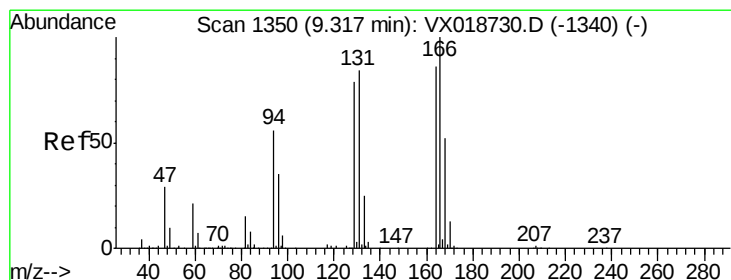
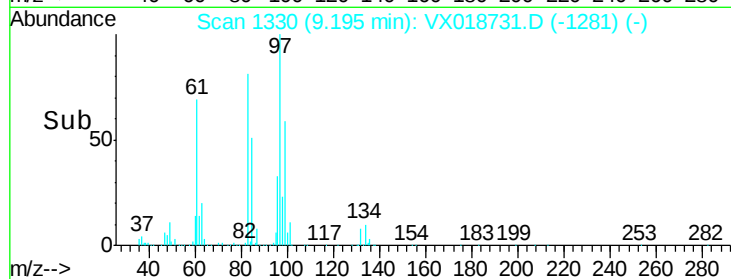
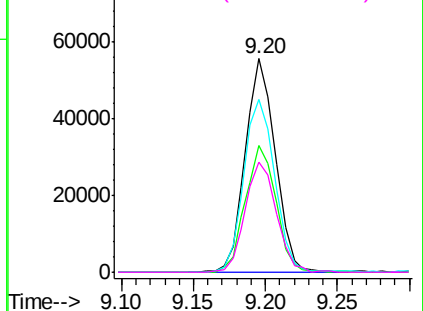
#47
1,1,2-Trichloroethane
Concen: 10.965 ug/L
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX018731.D
Acq: 01 Oct 2020 16:57

Instrument :
MSVOA_X
ClientSampleId :
BG496

Tgt Ion:	97	Resp:	79919
Ion	Ratio	Lower	Upper
97	100		
99	59.4	40.8	75.8
83	81.0	54.5	101.1
85	51.5	35.7	66.3

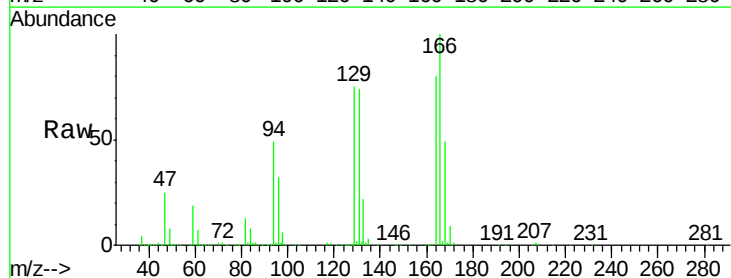


Abundance Ion 96.95 (96.65 to 97.65): VX0
Ion 99.05 (98.75 to 99.75): VX0
Ion 82.95 (82.65 to 83.65): VX0
Ion 85.00 (84.70 to 85.70): VX0

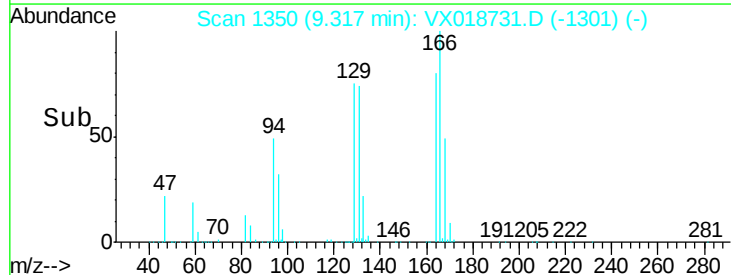
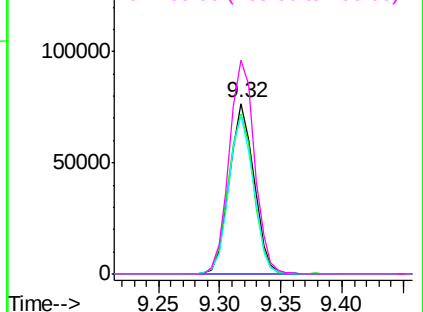


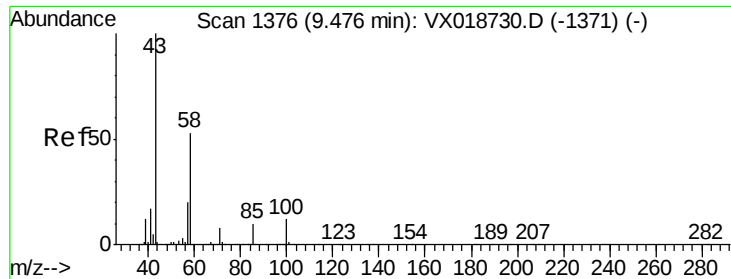
#49
Tetrachloroethene
Concen: 11.991 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018731.D
Acq: 01 Oct 2020 16:57

Tgt Ion:	164	Resp:	106487
Ion	Ratio	Lower	Upper
164	100		
129	93.4	64.1	119.1
131	93.2	68.3	126.9
166	125.1	81.3	150.9



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

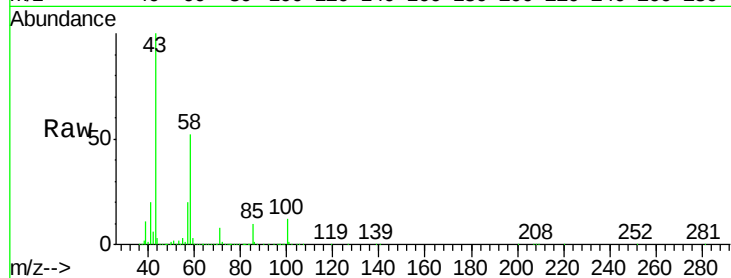




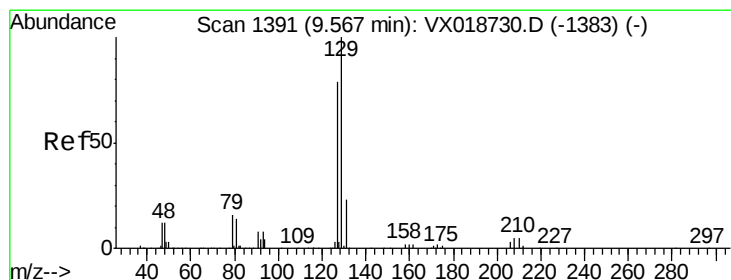
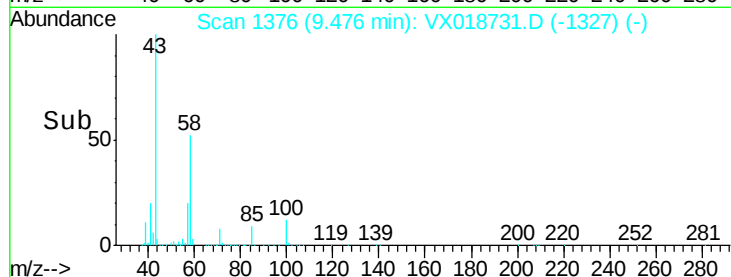
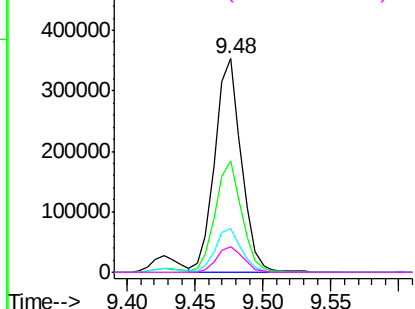
#50
2-Hexanone
Concen: 119.966 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018731.D
Acq: 01 Oct 2020 16:57

Instrument :
MSVOA_X
ClientSampleId :
BG496

Tgt Ion:	43	Resp:	478401
Ion	Ratio	Lower	Upper
43	100		
58	51.9	43.4	65.2
57	20.5	16.2	24.4
100	12.3	9.8	14.6

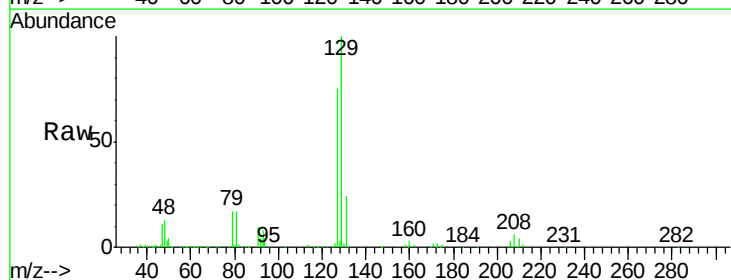


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

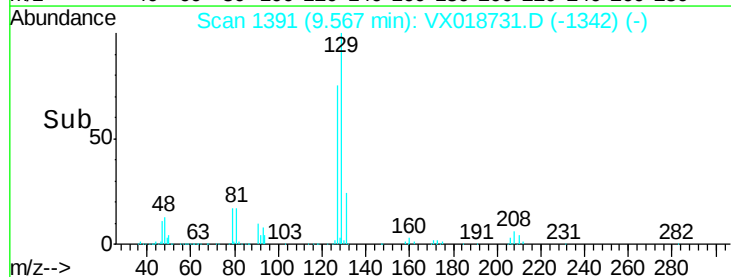
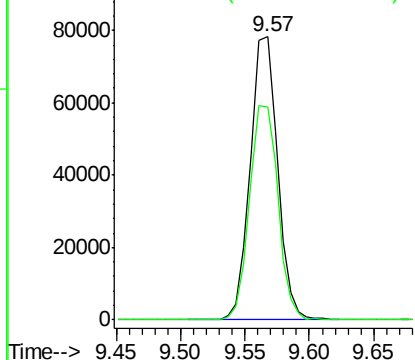


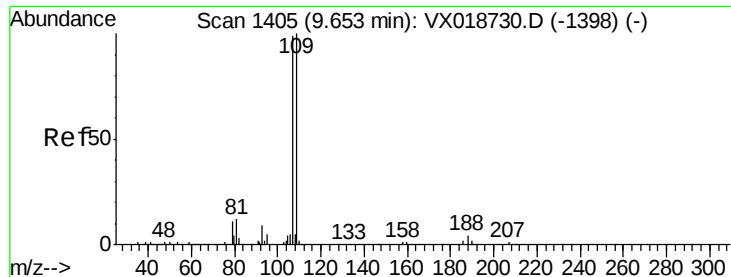
#51
Dibromochloromethane
Concen: 11.677 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018731.D
Acq: 01 Oct 2020 16:57

Tgt Ion:	129	Resp:	114272
Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.9	102.1



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

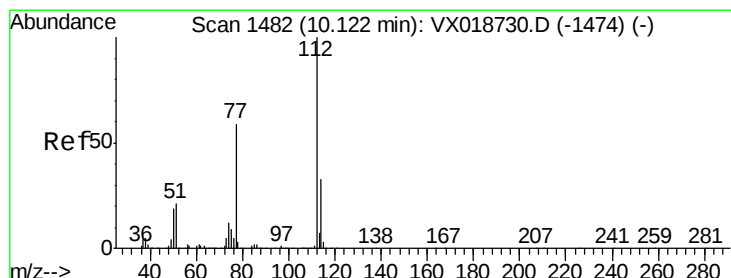
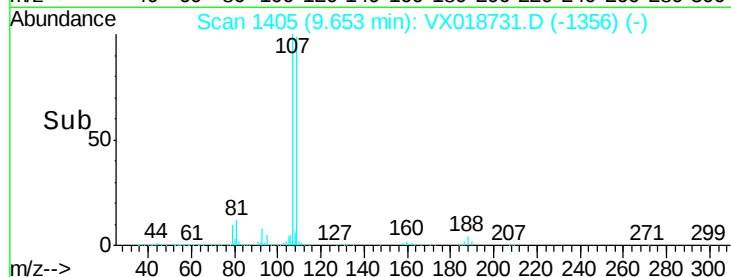
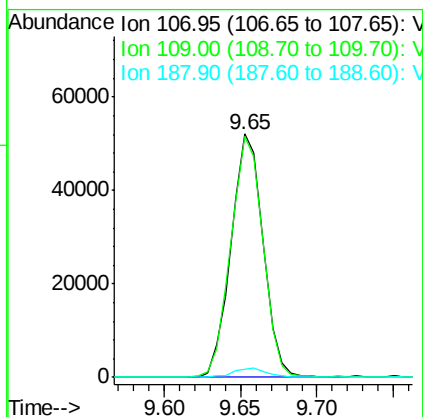
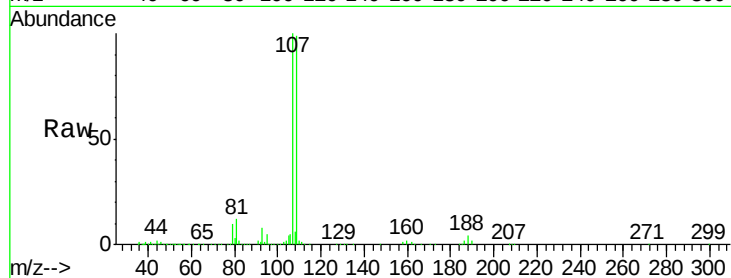




#52
 1,2-Dibromoethane
 Concen: 11.201 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018731.D
 Acq: 01 Oct 2020 16:57

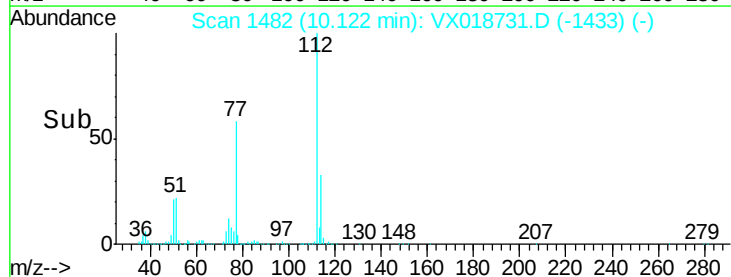
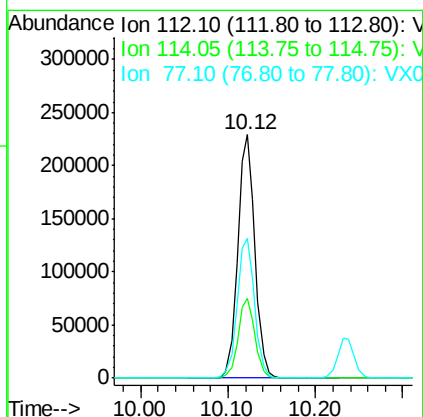
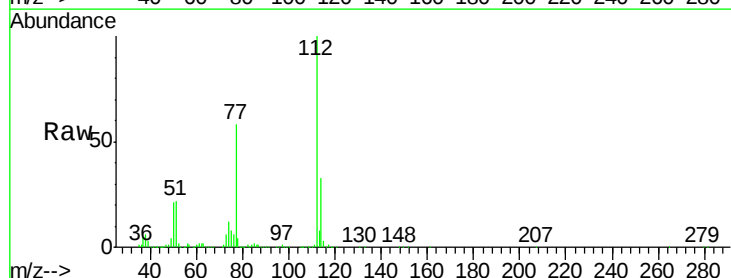
Instrument :
 MSVOA_X
 ClientSampleId :
 BG496

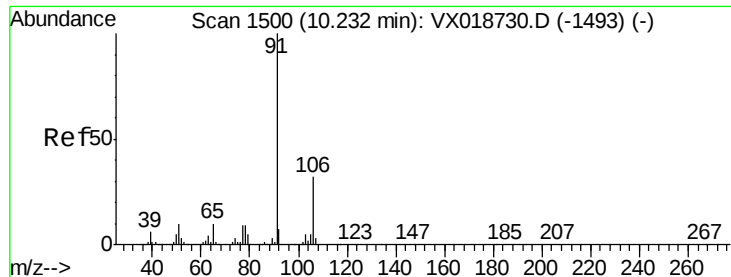
Tgt Ion:107 Resp: 75630
 Ion Ratio Lower Upper
 107 100
 109 98.9 70.6 131.2
 188 3.6 3.0 4.6



#53
 Chlorobenzene
 Concen: 11.518 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VX018731.D
 Acq: 01 Oct 2020 16:57

Tgt Ion:112 Resp: 313008
 Ion Ratio Lower Upper
 112 100
 114 32.7 23.3 43.3
 77 57.6 47.4 71.2





#54

Ethylbenzene

Concen: 11.918 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

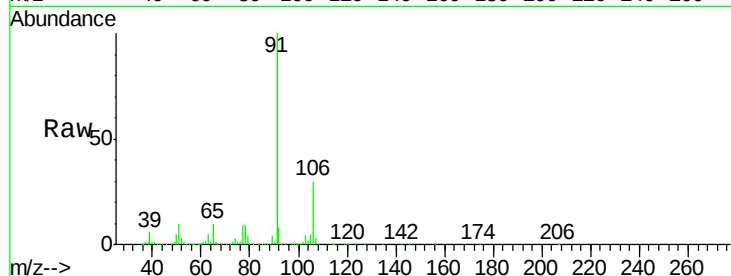
BG496

Tgt Ion: 91 Resp: 537393

Ion Ratio Lower Upper

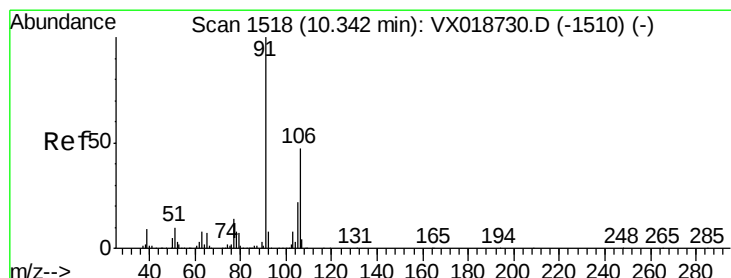
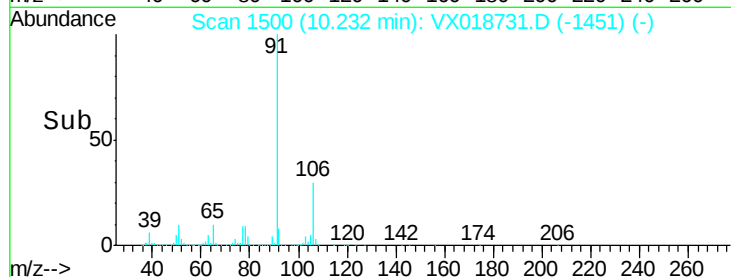
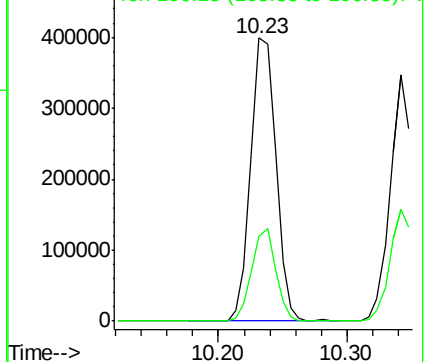
91 100

106 30.0 22.4 41.6



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 12.090 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018731.D

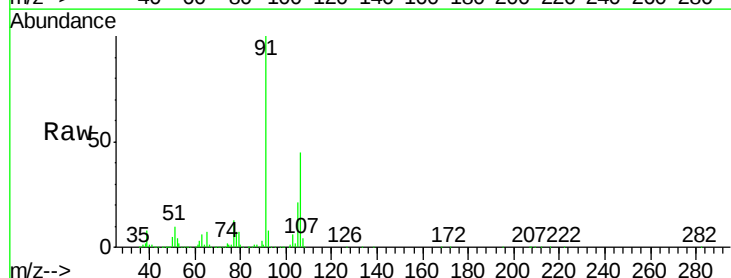
Acq: 01 Oct 2020 16:57

Tgt Ion: 106 Resp: 209512

Ion Ratio Lower Upper

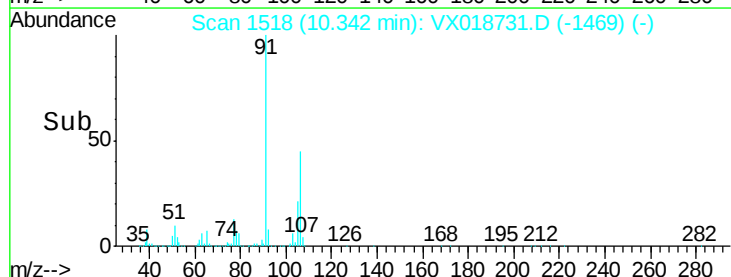
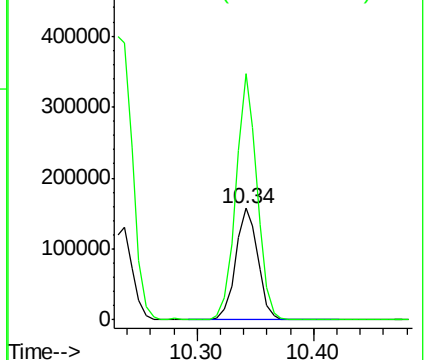
106 100

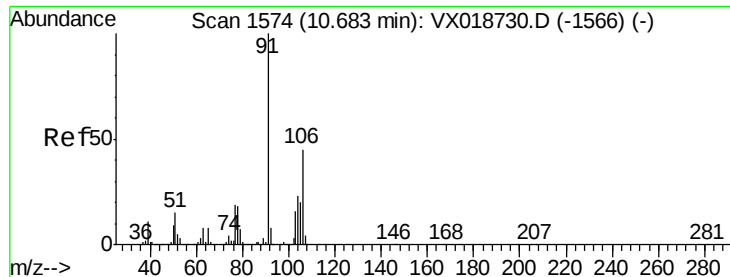
91 220.0 149.8 278.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#56

o-xylene

Concen: 12.071 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018731.D

Acq: 01 Oct 2020 16:57

Instrument :

MSVOA_X

ClientSampleId :

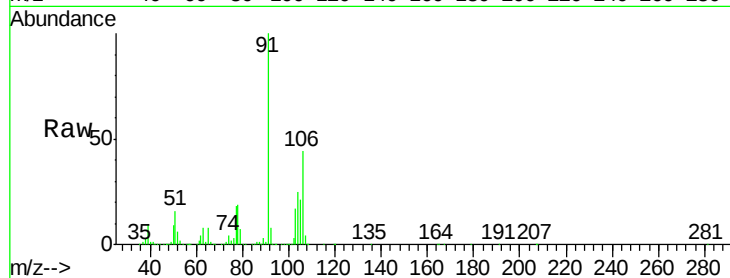
BG496

Tgt Ion:106 Resp: 197786

Ion Ratio Lower Upper

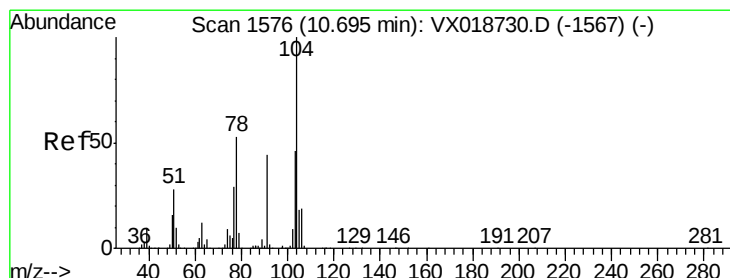
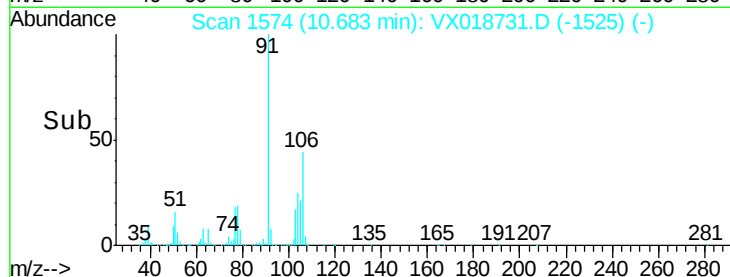
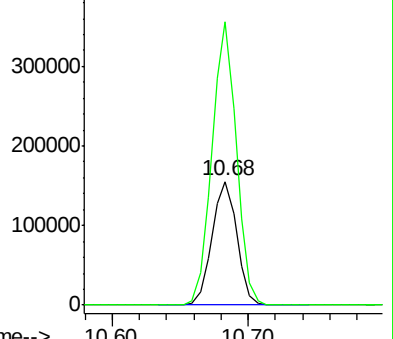
106 100

91 229.3 156.8 291.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#57

Styrene

Concen: 12.666 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018731.D

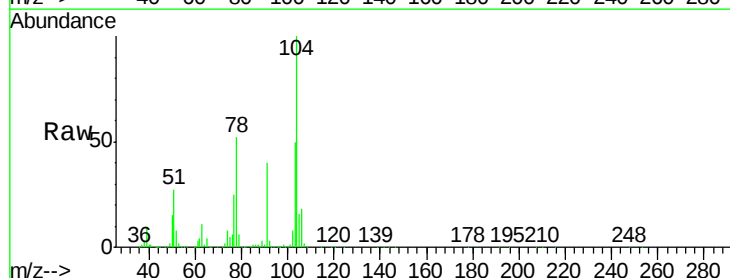
Acq: 01 Oct 2020 16:57

Tgt Ion:104 Resp: 340921

Ion Ratio Lower Upper

104 100

78 51.6 37.0 68.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0

