

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
 Data File : VX018738.D
 Acq On : 02 Oct 2020 10:20
 Operator : JC/SP
 Sample : VSTD0.564
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.564

Quant Time: Oct 02 11:53:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 11:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	194468	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	186958	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	93427	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	5921	0.46	ug/L	0.00
7) Chloroethane-d5	1.70	69	4458	0.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	12560	0.47	ug/L	0.00
20) 2-Butanone-d5	4.56	46	13564	4.02	ug/L	0.00
24) Chloroform-d	5.14	84	13077	0.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	8707	0.58	ug/L	0.00
32) Benzene-d6	6.04	84	20863	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	6364	0.42	ug/L	0.00
41) Toluene-d8	8.70	98	20287	0.43	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	3088	0.45	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	9545	3.51	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	4966	0.42	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	8026	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	5641	0.273 ug/L #	75
3) Chloromethane	1.31	50	4509	0.272 ug/L	95
5) Vinyl chloride	1.39	62	4682	0.280 ug/L	97
6) Bromomethane	1.64	94	3036	0.313 ug/L	80
8) Chloroethane	1.72	64	3284	0.349 ug/L	97
9) Trichlorofluoromethane	1.92	101	9960	0.357 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	5375	0.364 ug/L	96
12) 1,1-Dichloroethene	2.36	96	4490	0.328 ug/L	85
13) Acetone	2.45	43	8006	3.344 ug/L	74
14) Carbon disulfide	2.55	76	14658	0.300 ug/L #	93
15) Methyl Acetate	2.75	43	2680	0.385 ug/L	99
16) Methylene chloride	2.84	84	7566	0.396 ug/L	92
17) Methyl tert-butyl Ether	3.17	73	11178	0.305 ug/L #	90
18) trans-1,2-Dichloroethene	3.14	96	5030	0.323 ug/L	80
19) 1,1-Dichloroethane	3.67	63	8405	0.304 ug/L #	94
21) 2-Butanone	4.67	43	11427	2.829 ug/L	90
22) cis-1,2-Dichloroethene	4.57	96	4899	0.302 ug/L #	94
23) Bromochloromethane	4.98	128	2683	0.352 ug/L	75
25) Chloroform	5.17	83	9925	0.328 ug/L	98
27) 1,2-Dichloroethane	6.17	62	7305	0.374 ug/L	96
29) 1,1,1-Trichloroethane	5.46	97	10347	0.358 ug/L	98
30) Cyclohexane	5.55	56	6994	0.290 ug/L	99
31) Carbon tetrachloride	5.76	117	8524	0.319 ug/L	90
33) Benzene	6.12	78	17036	0.282 ug/L	100
34) Trichloroethene	7.18	95	4981	0.280 ug/L	90
35) Methylcyclohexane	7.43	83	6492	0.261 ug/L	94
37) 1,2-Dichloropropane	7.50	63	5181	0.343 ug/L #	89
38) Bromodichloromethane	7.87	83	7248	0.337 ug/L	92
39) cis-1,3-Dichloropropene	8.42	75	6683	0.284 ug/L	91
40) 4-Methyl-2-pentanone	8.62	43	23973	2.475 ug/L	98

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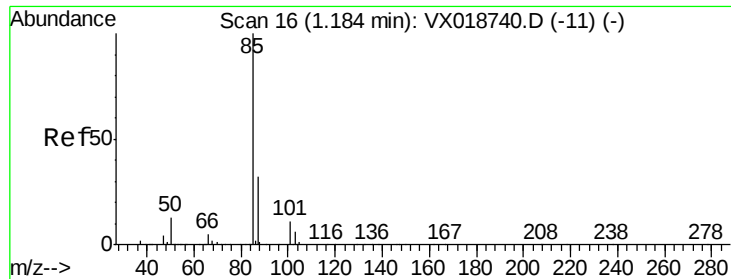
Instrument :
 MSVOA_X
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.76	91	17535	0.267	ug/L	92
43) 1,3,5-Trimethylbenzene	11.49	105	13888	0.231	ug/L	91
44) 1,2,4-Trimethylbenzene	11.79	105	14192	0.231	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	5532	0.263	ug/L	91
47) 1,1,2-Trichloroethane	9.20	97	3319	0.290	ug/L #	82
49) Tetrachloroethene	9.32	164	3983	0.276	ug/L	87
50) 2-Hexanone	9.48	43	15889	2.291	ug/L	99
51) Dibromochloromethane	9.56	129	4557	0.289	ug/L	94
52) 1,2-Dibromoethane	9.65	107	3934	0.355	ug/L #	83
53) Chlorobenzene	10.12	112	12458	0.288	ug/L	94
54) Ethylbenzene	10.24	91	18636	0.258	ug/L	88
55) m,p-xylene	10.35	106	7702	0.281	ug/L	64
56) o-xylene	10.68	106	6372	0.240	ug/L	79
57) Styrene	10.70	104	11292	0.253	ug/L	99
58) Isopropylbenzene	11.01	105	18713	0.261	ug/L	96
60) 1,1,2,2-Tetrachloroethane	11.25	83	3566	0.284	ug/L #	94
62) Bromoform	10.84	173	3074	0.355	ug/L #	81
63) 1,3-Dichlorobenzene	12.01	146	9693	0.292	ug/L	97
64) 1,4-Dichlorobenzene	12.09	146	9738	0.293	ug/L	88
66) 1,2-Dichlorobenzene	12.38	146	8810	0.282	ug/L #	81
67) 1,2-Dibromo-3-chloropropan	12.98	75	899	0.330	ug/L #	76
68) 1,3,5-Trichlorobenzene	13.15	180	7618	0.307	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	6199	0.284	ug/L	97
70) Naphthalene	13.82	128	8848	0.225	ug/L #	92
71) 1,2,3-Trichlorobenzene	14.00	180	5158	0.254	ug/L	94

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



#2

Dichlorodifluoromethane

Concen: 0.273 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

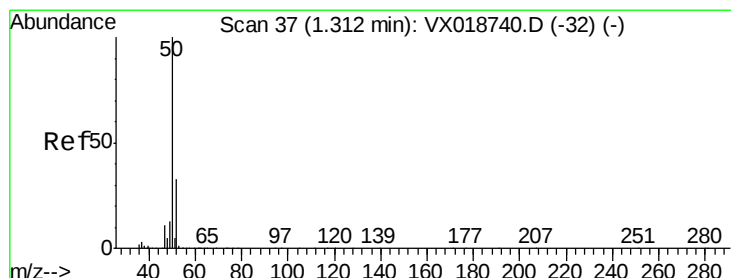
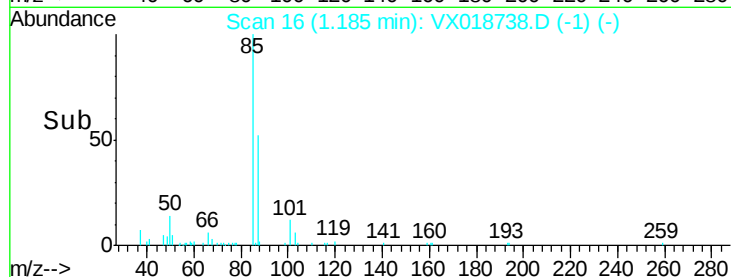
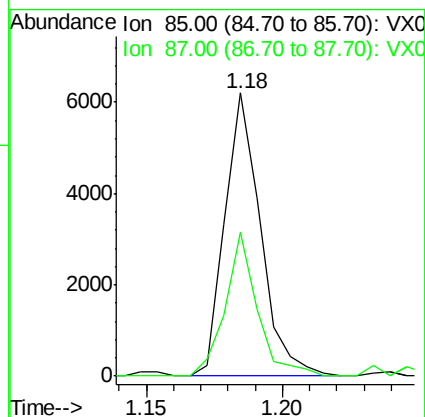
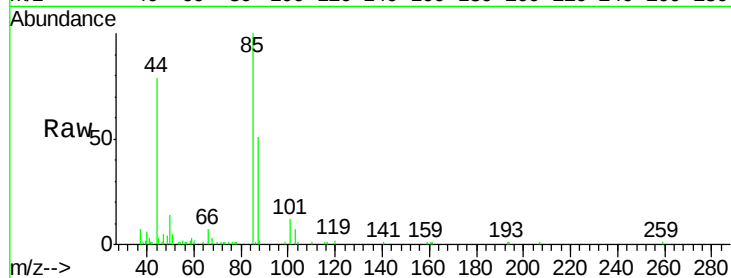
VSTD0.564

Tgt Ion: 85 Resp: 5641

Ion Ratio Lower Upper

85 100

87 45.6 25.4 38.0#



#3

Chloromethane

Concen: 0.272 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018738.D

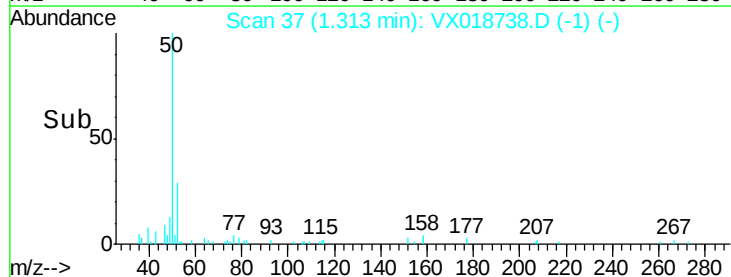
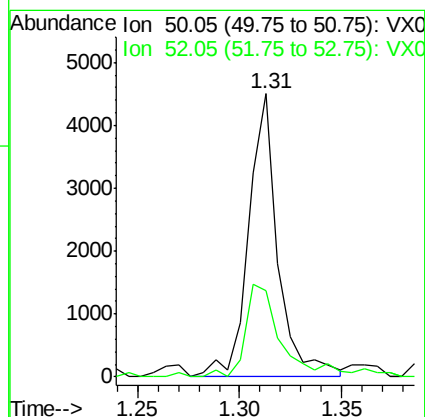
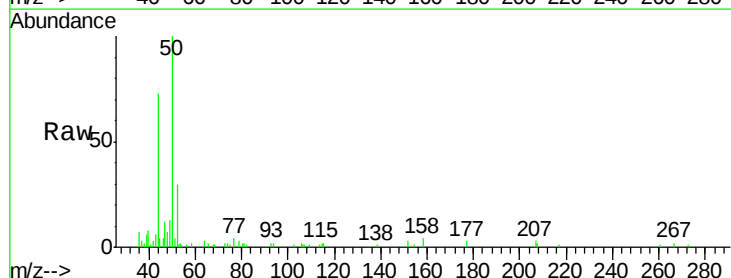
Acq: 02 Oct 2020 10:20

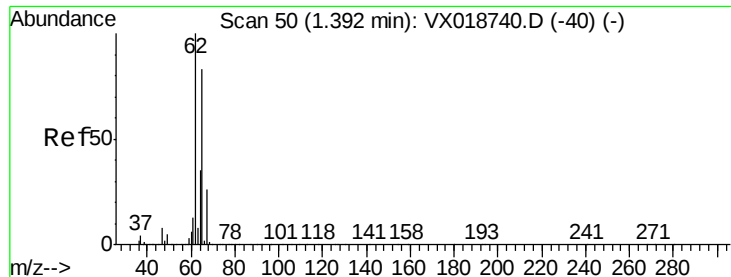
Tgt Ion: 50 Resp: 4509

Ion Ratio Lower Upper

50 100

52 30.5 23.4 43.6





#5

Vinyl chloride

Concen: 0.280 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

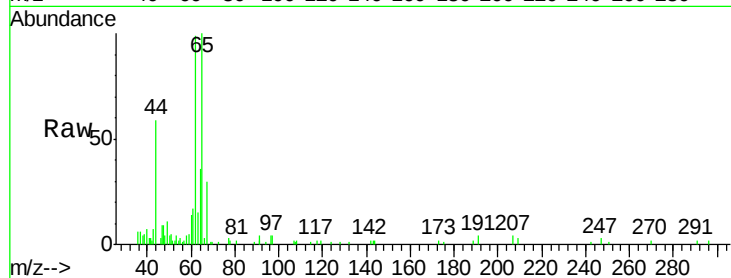
VSTD0.564

Tgt Ion: 62 Resp: 4682

Ion Ratio Lower Upper

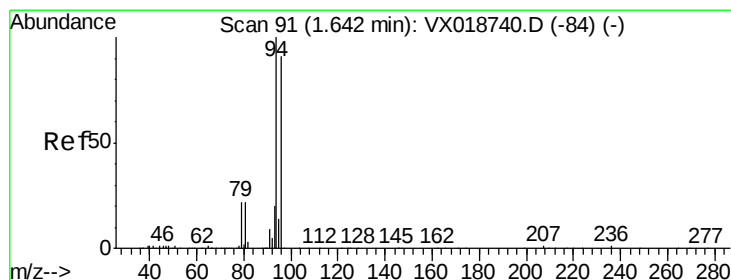
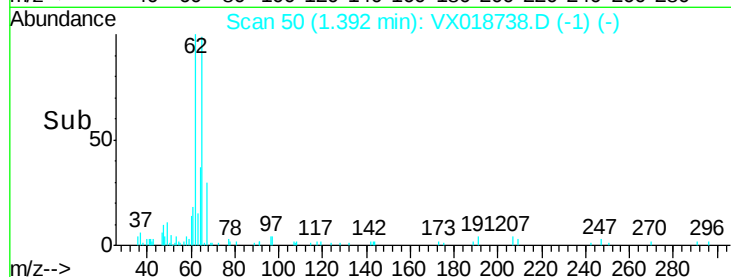
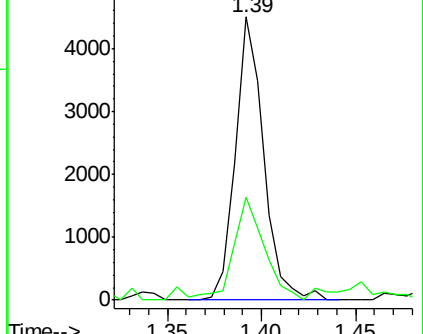
62 100

64 36.5 24.3 45.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0



#6

Bromomethane

Concen: 0.313 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018738.D

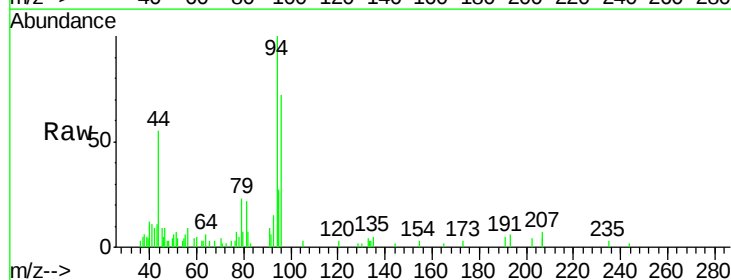
Acq: 02 Oct 2020 10:20

Tgt Ion: 94 Resp: 3036

Ion Ratio Lower Upper

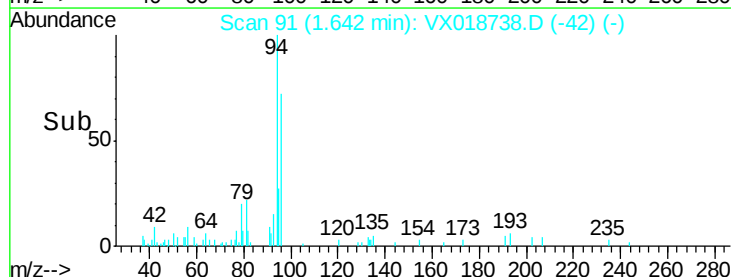
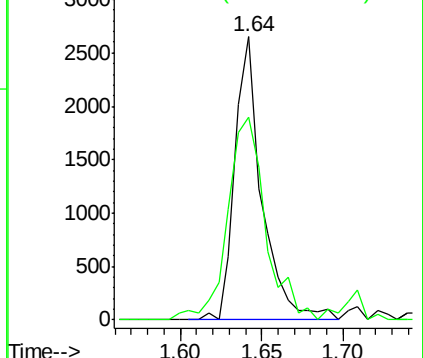
94 100

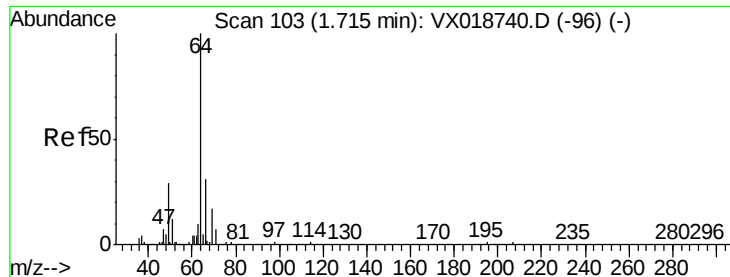
96 71.6 63.5 117.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#8

Chloroethane

Concen: 0.349 ug/L

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

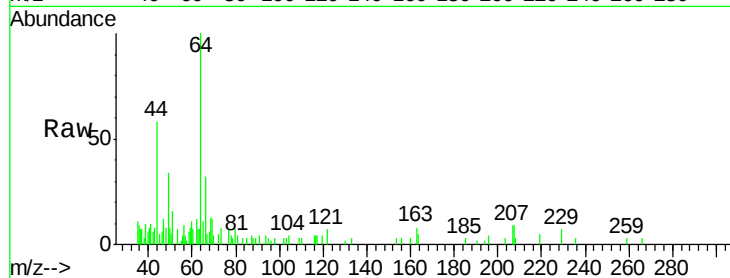
VSTD0.564

Tgt Ion: 64 Resp: 3284

Ion Ratio Lower Upper

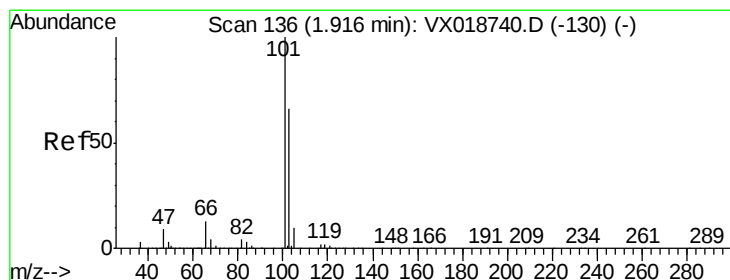
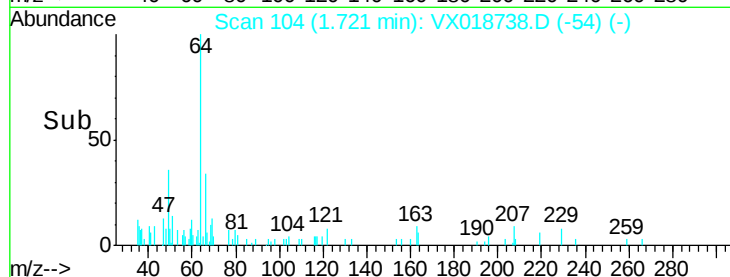
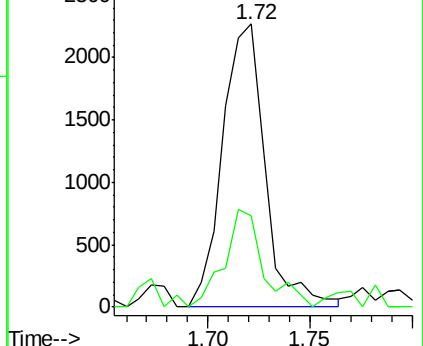
64 100

66 32.3 21.5 39.9



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0



#9

Trichlorofluoromethane

Concen: 0.357 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX018738.D

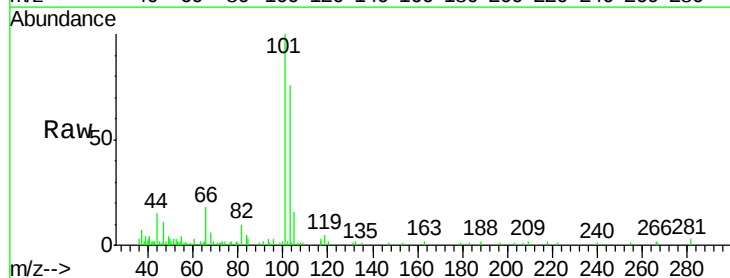
Acq: 02 Oct 2020 10:20

Tgt Ion: 101 Resp: 9960

Ion Ratio Lower Upper

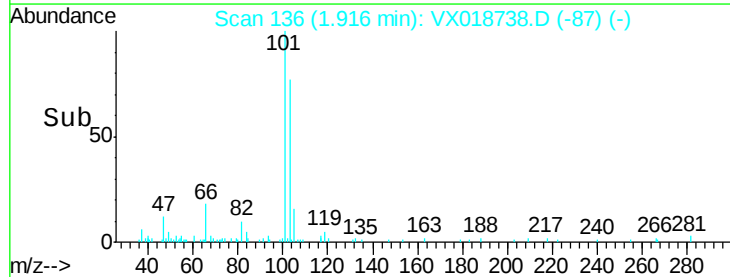
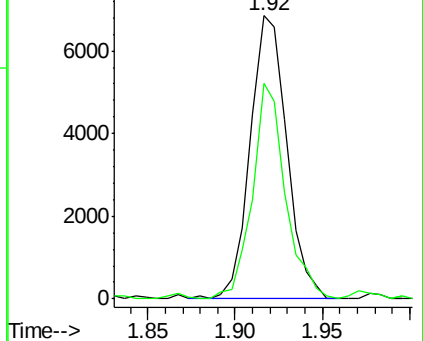
101 100

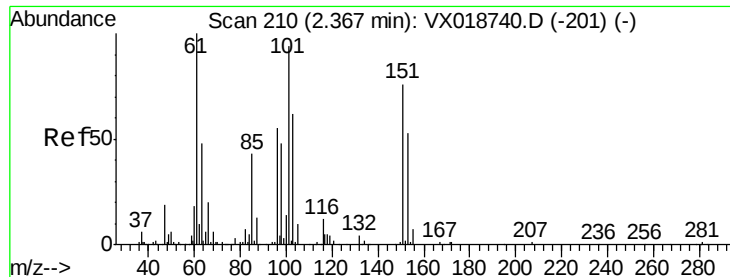
103 68.8 52.2 78.4



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: 0.364 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

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ClientSampleId :

VSTD0.564

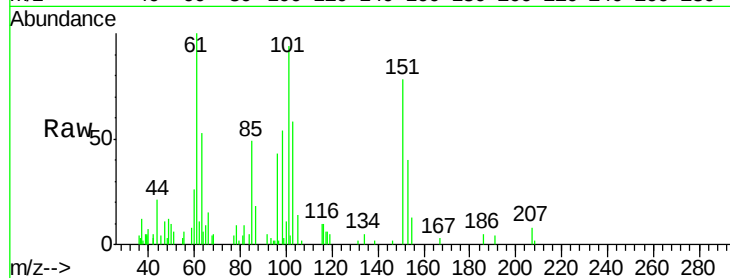
Tgt Ion:101 Resp: 5375

Ion Ratio Lower Upper

101 100

85 49.0 37.1 55.7

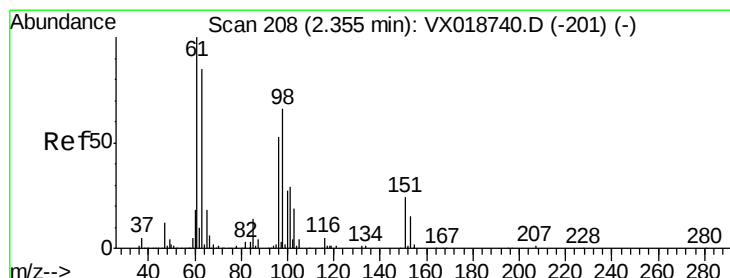
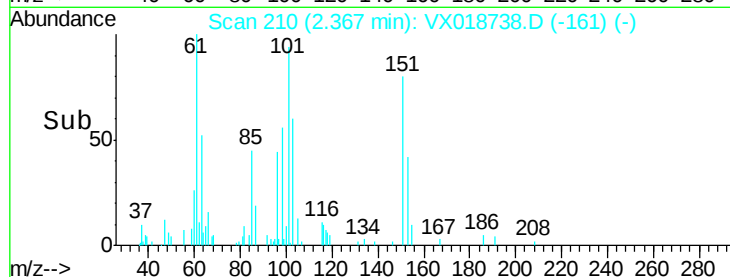
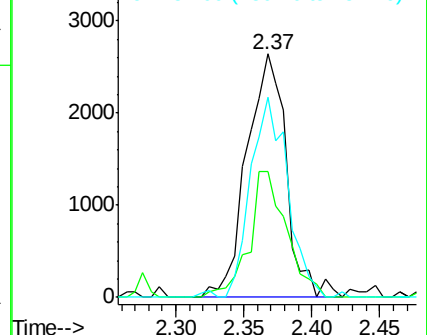
151 77.0 65.0 97.6



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: 0.328 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

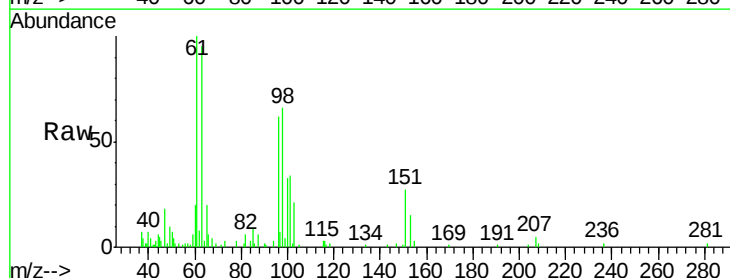
Tgt Ion: 96 Resp: 4490

Ion Ratio Lower Upper

96 100

61 160.2 133.2 247.4

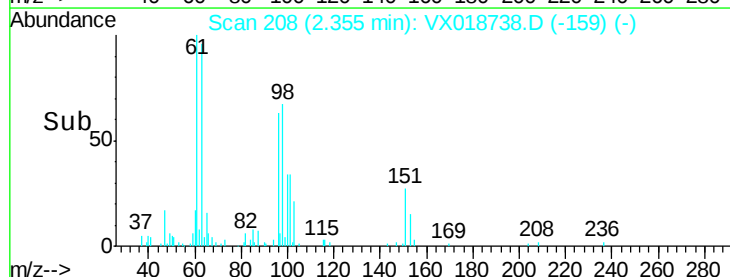
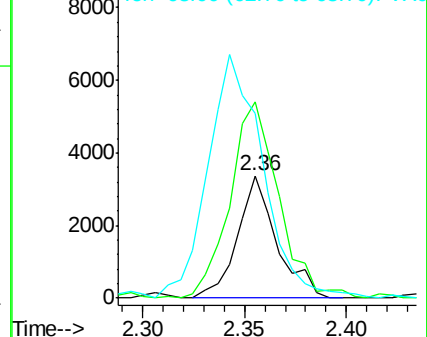
63 151.4 115.1 213.7

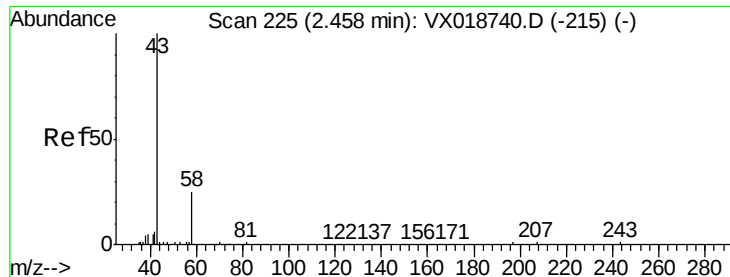


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 3.344 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

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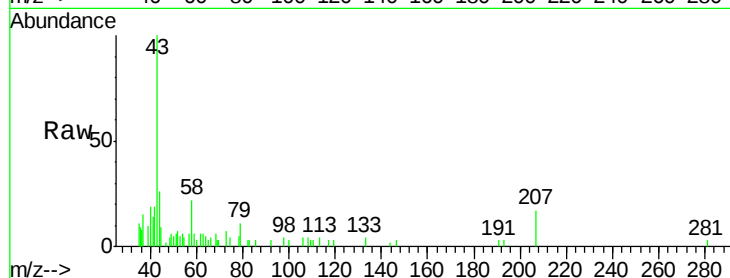
VSTD0.564

Tgt Ion: 43 Resp: 8006

Ion Ratio Lower Upper

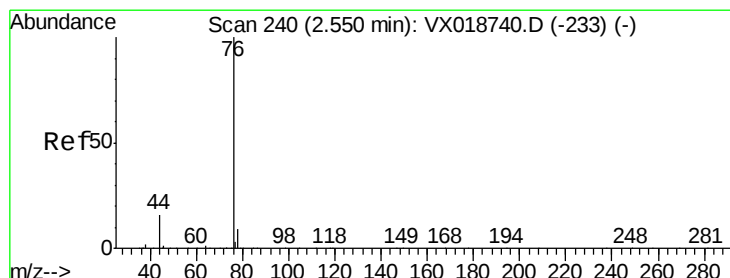
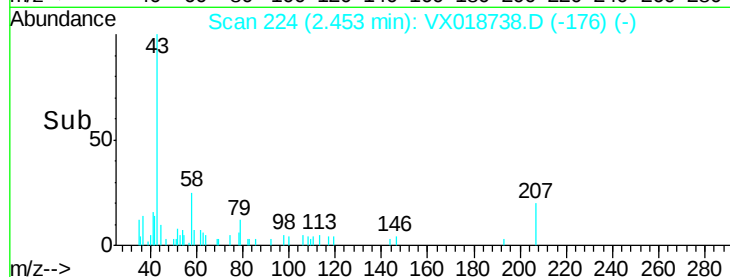
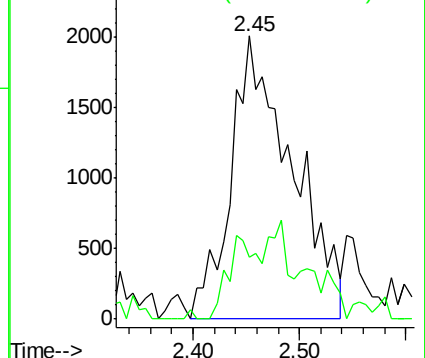
43 100

58 14.6 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: 0.300 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018738.D

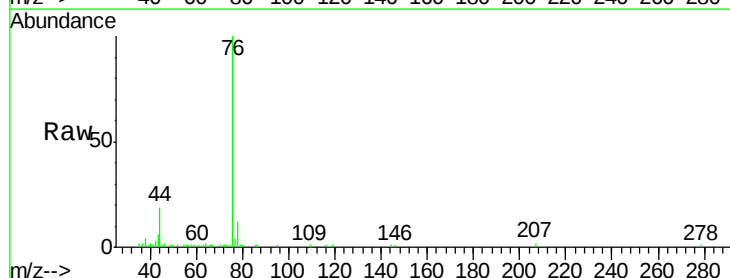
Acq: 02 Oct 2020 10:20

Tgt Ion: 76 Resp: 14658

Ion Ratio Lower Upper

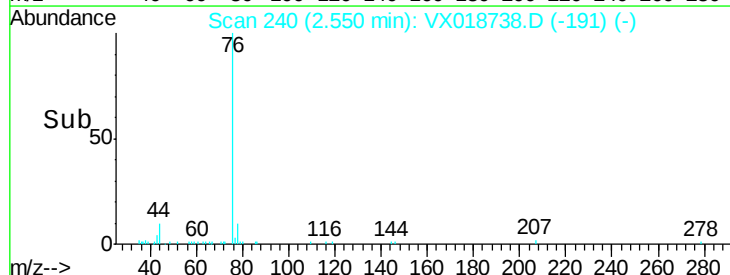
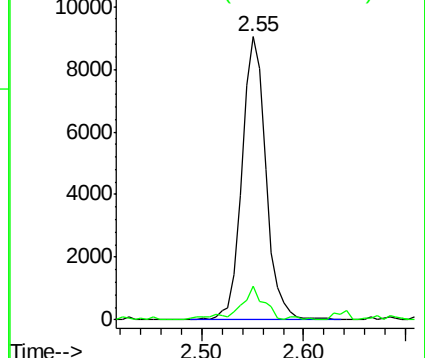
76 100

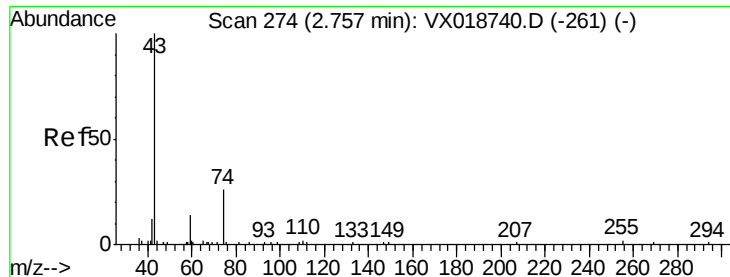
78 11.7 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0





#15

Methyl Acetate

Concen: 0.385 ug/L

RT: 2.75 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

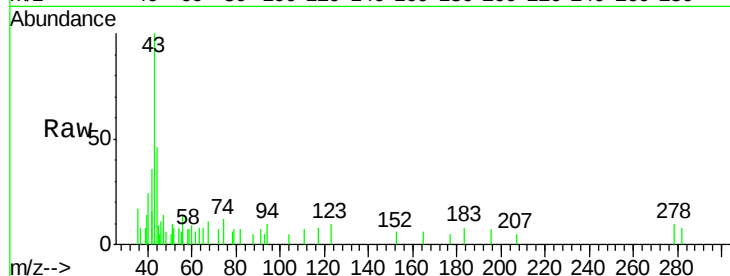
VSTD0.564

Tgt Ion: 43 Resp: 2680

Ion Ratio Lower Upper

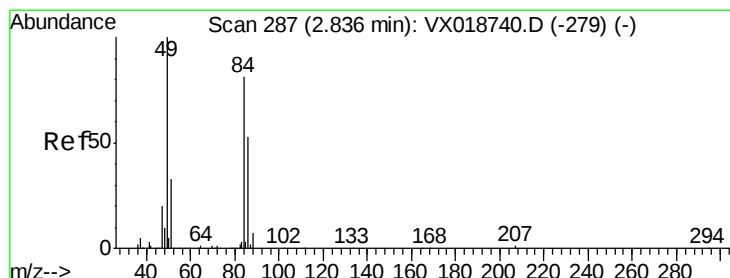
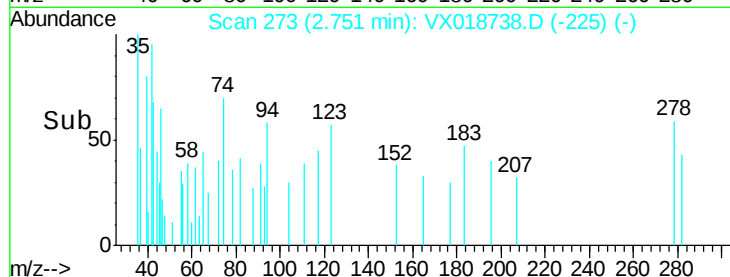
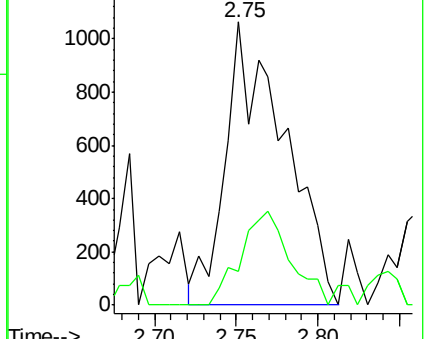
43 100

74 28.0 21.9 32.9



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0



#16

Methylene chloride

Concen: 0.396 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

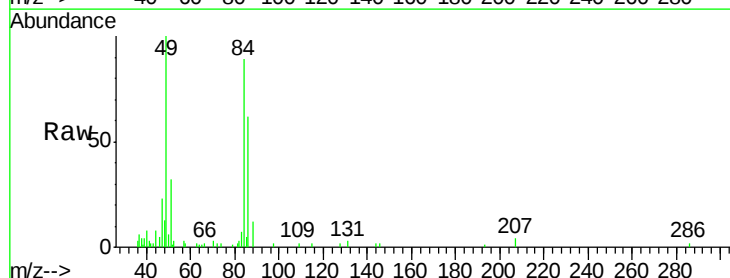
Tgt Ion: 84 Resp: 7566

Ion Ratio Lower Upper

84 100

86 69.6 45.6 84.8

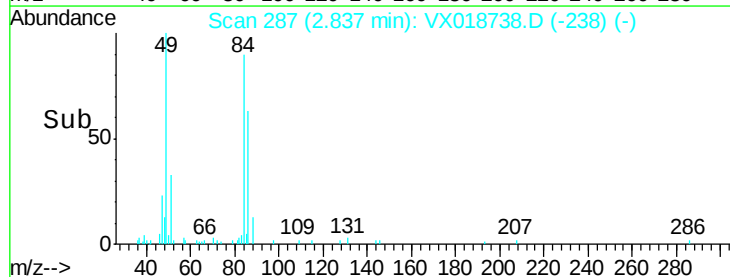
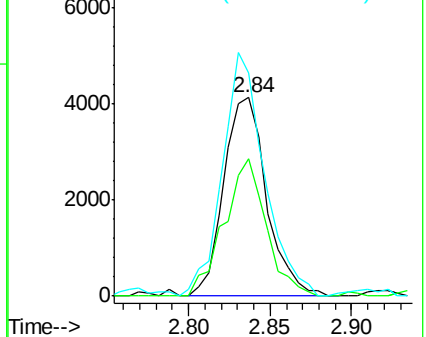
49 112.2 85.8 159.3

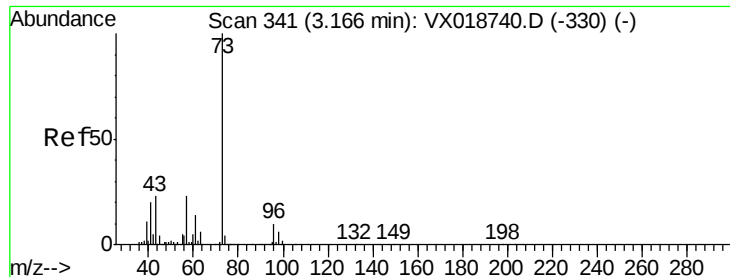


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

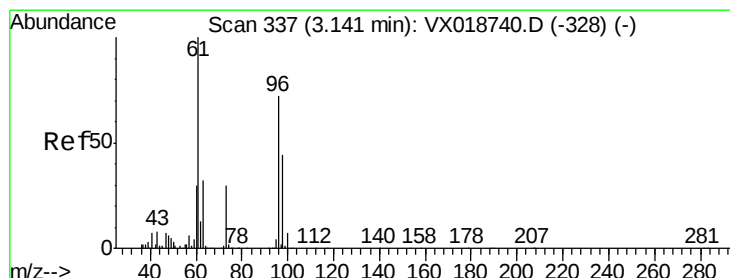
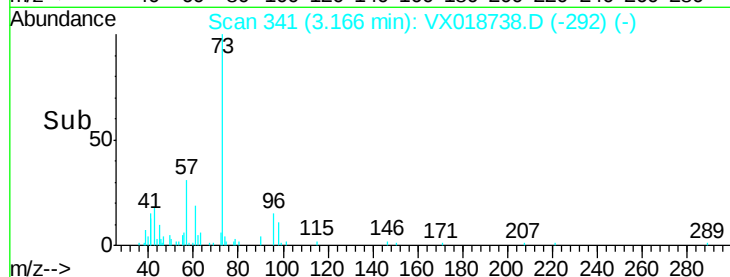
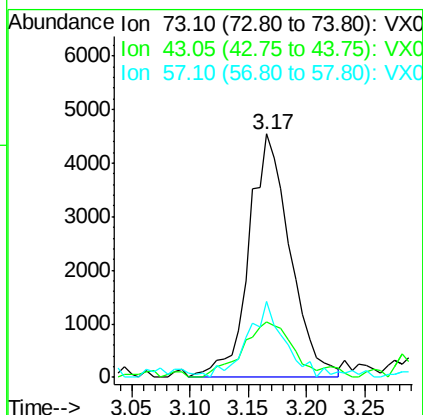
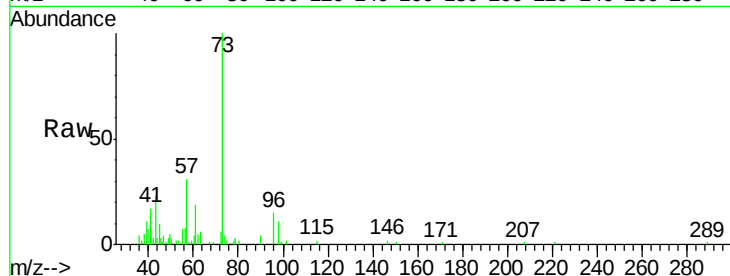




#17
Methyl tert-butyl Ether
Concen: 0.305 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018738.D
Acq: 02 Oct 2020 10:20

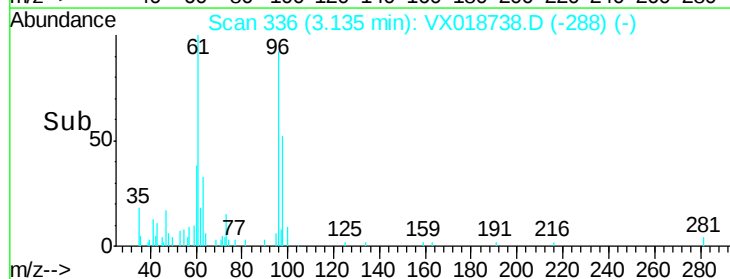
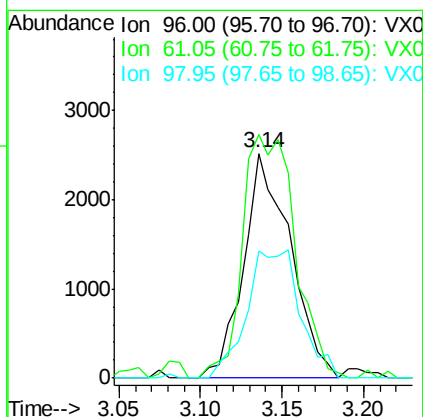
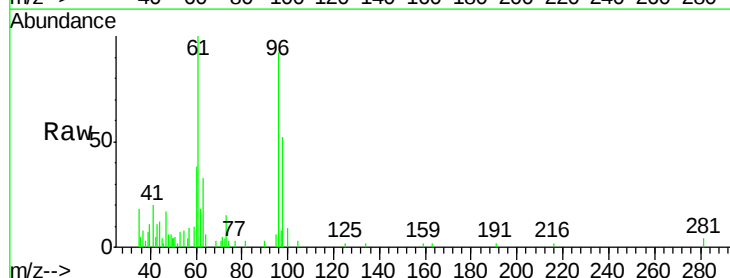
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.564

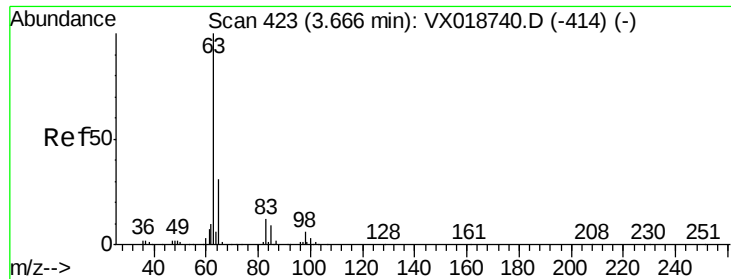
Tgt Ion: 73 Resp: 11178
Ion Ratio Lower Upper
73 100
43 27.0 19.4 29.0
57 28.4 17.2 25.8#



#18
trans-1,2-Dichloroethene
Concen: 0.323 ug/L
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX018738.D
Acq: 02 Oct 2020 10:20

Tgt Ion: 96 Resp: 5030
Ion Ratio Lower Upper
96 100
61 108.5 97.6 181.4
98 56.8 43.1 80.1





#19

1,1-Dichloroethane

Concen: 0.304 ug/L

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

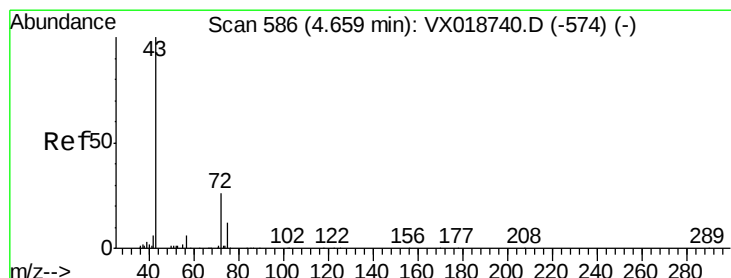
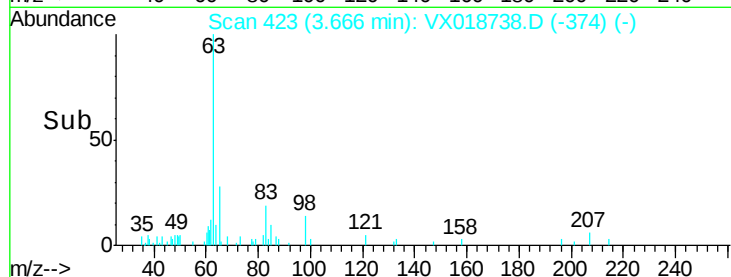
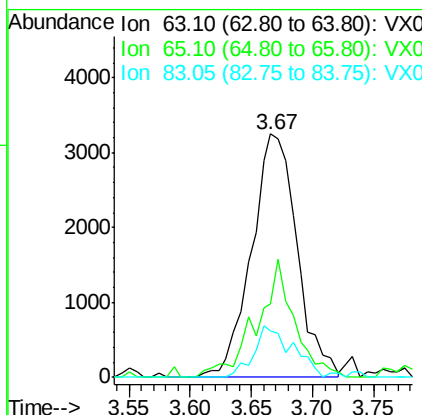
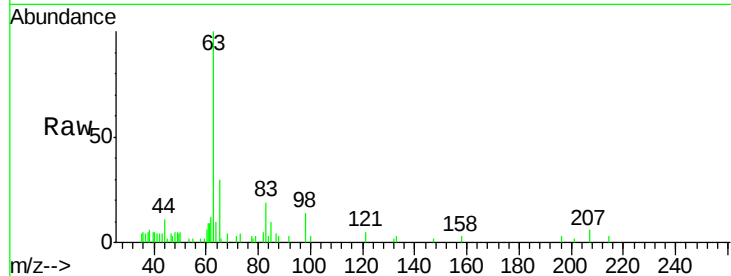
Instrument :

MSVOA_X

ClientSampleId :

VSTD0.564

Tgt Ion:	63	Resp:	8405
Ion	Ratio	Lower	Upper
63	100		
65	30.4	21.6	40.2
83	19.2	8.7	16.1#



#21

2-Butanone

Concen: 2.829 ug/L

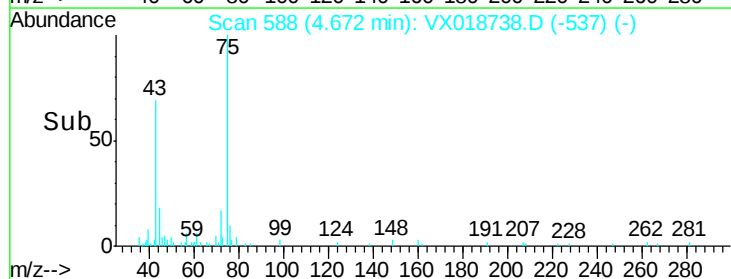
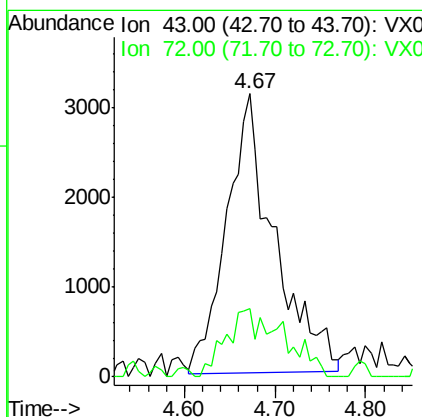
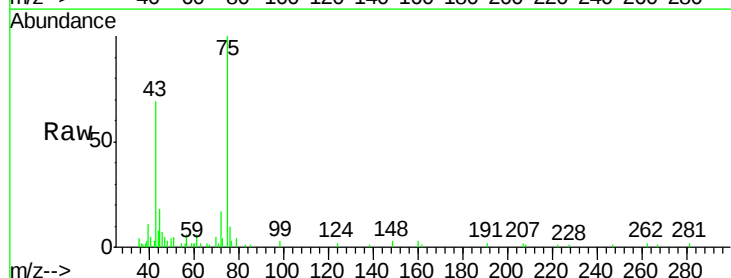
RT: 4.67 min Scan# 588

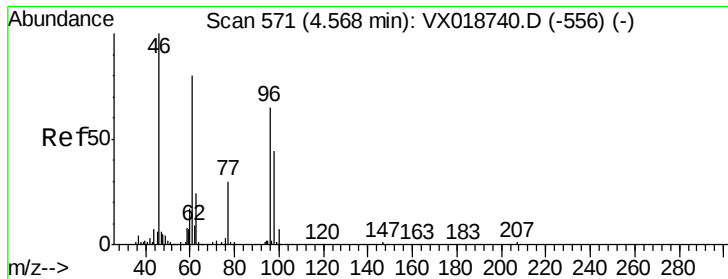
Delta R.T. 0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Tgt Ion:	43	Resp:	11427
Ion	Ratio	Lower	Upper
43	100		
72	19.6	12.4	37.2



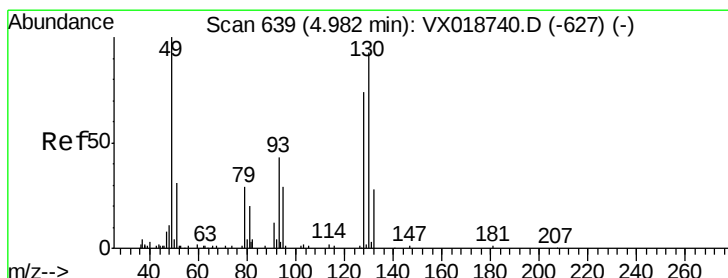
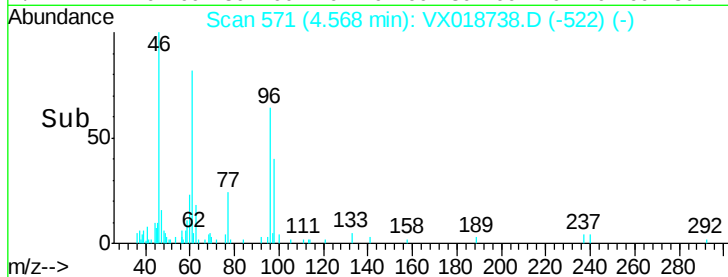
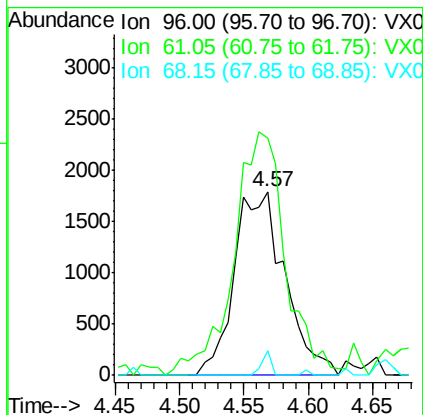
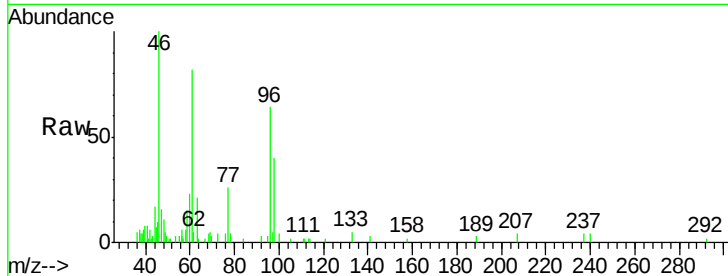


#22

cis-1,2-Dichloroethene
 Concen: 0.302 ug/L
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.564

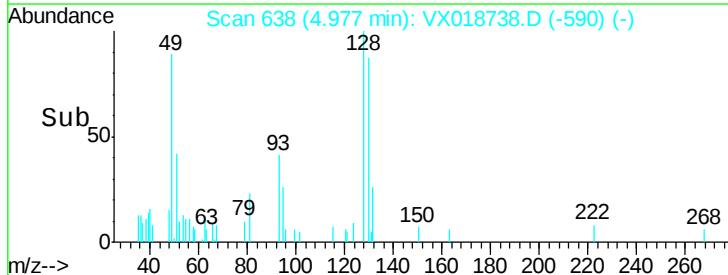
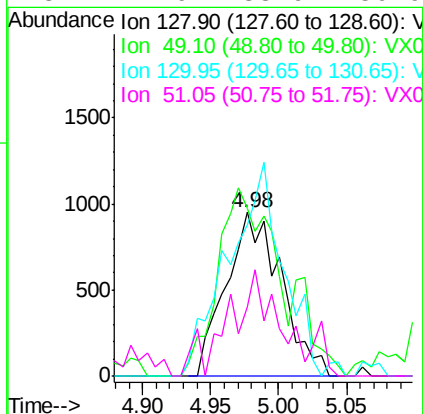
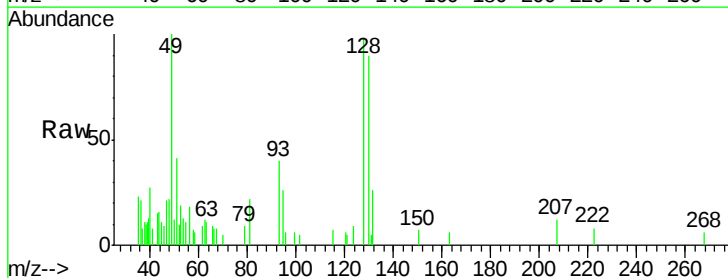
Tgt Ion: 96 Resp: 4899
 Ion Ratio Lower Upper
 96 100
 61 129.4 86.2 160.0
 68 13.5 0.3 0.7#

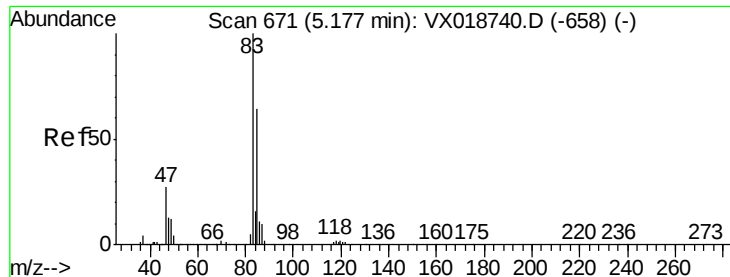


#23

Bromochloromethane
 Concen: 0.352 ug/L
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

Tgt Ion: 128 Resp: 2683
 Ion Ratio Lower Upper
 128 100
 49 102.1 94.5 175.5
 130 92.1 88.2 163.8
 51 41.9 33.9 50.9





#25

Chloroform

Concen: 0.328 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

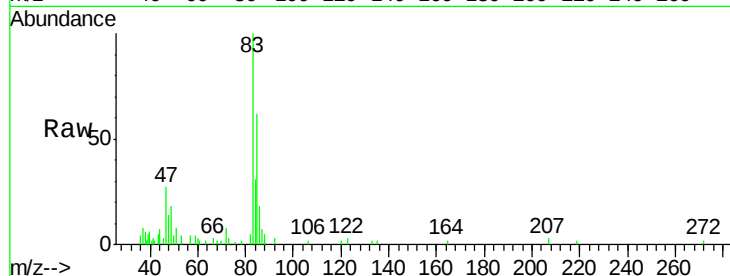
VSTD0.564

Tgt Ion: 83 Resp: 9925

Ion Ratio Lower Upper

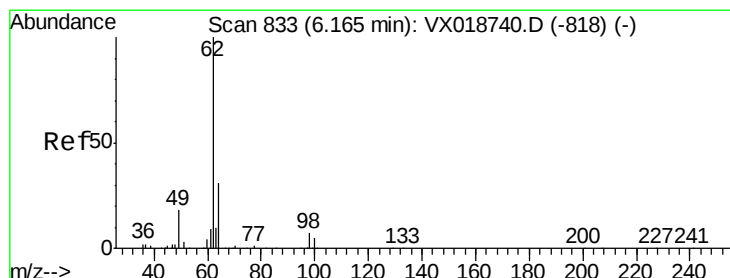
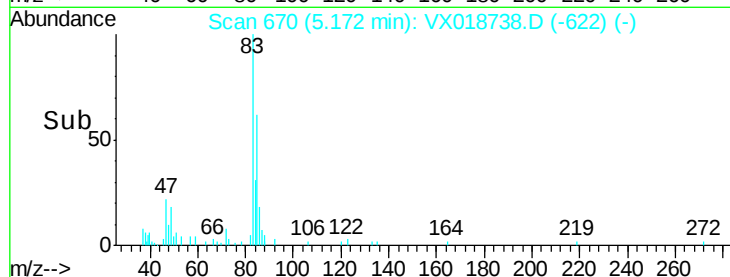
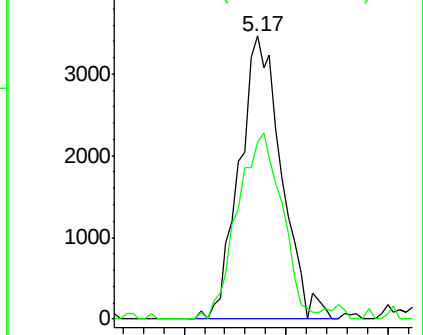
83 100

85 62.4 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane

Concen: 0.374 ug/L

RT: 6.17 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX018738.D

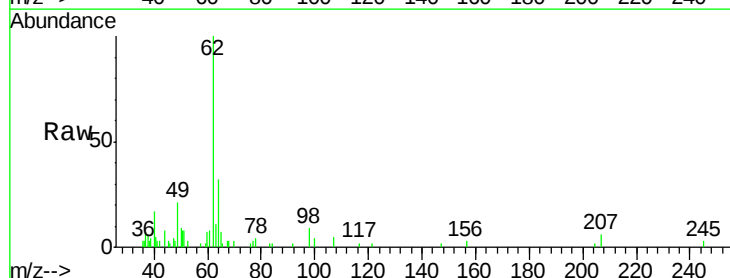
Acq: 02 Oct 2020 10:20

Tgt Ion: 62 Resp: 7305

Ion Ratio Lower Upper

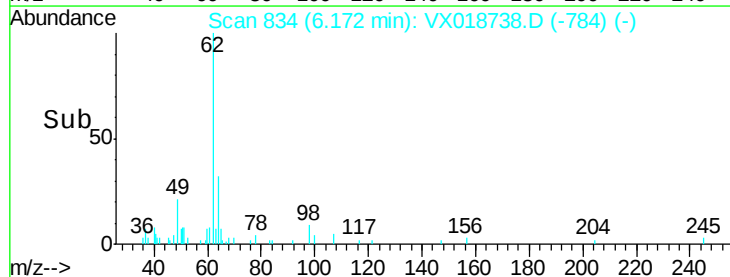
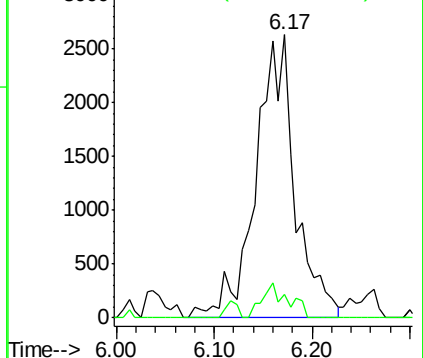
62 100

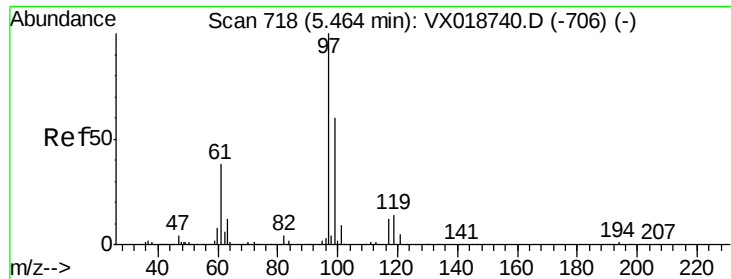
98 8.5 5.8 8.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

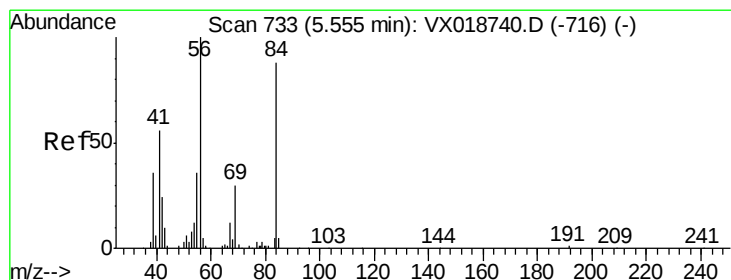
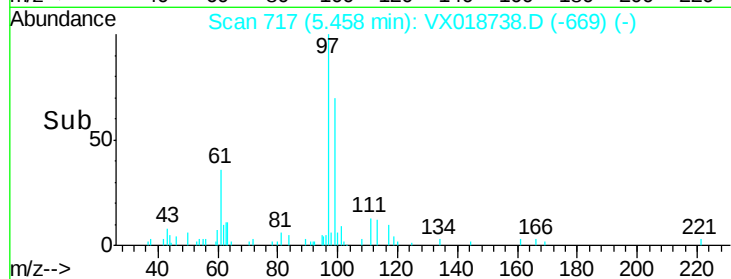
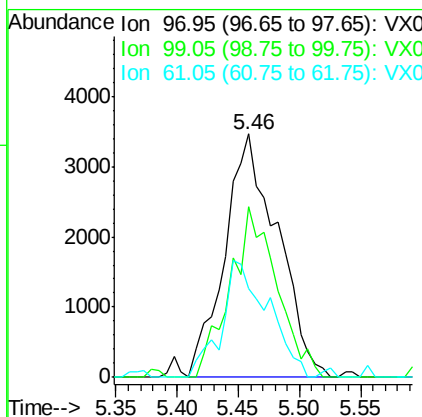
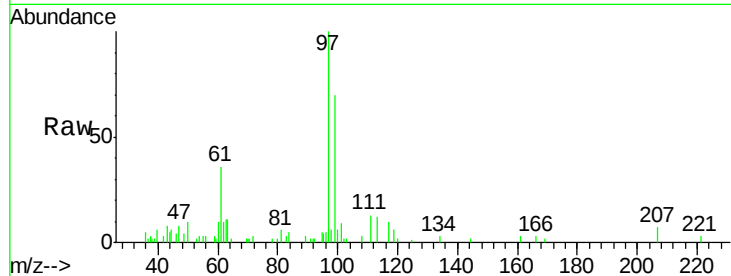




#29
 1,1,1-Trichloroethane
 Concen: 0.358 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

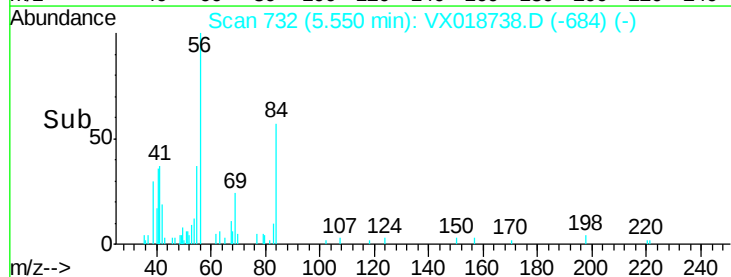
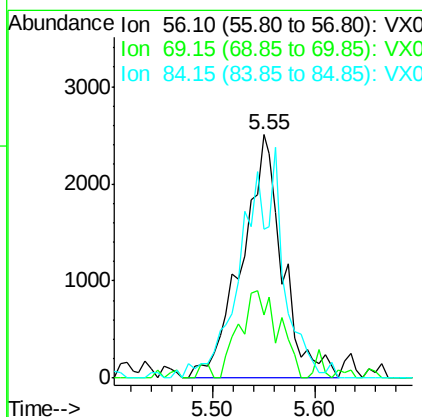
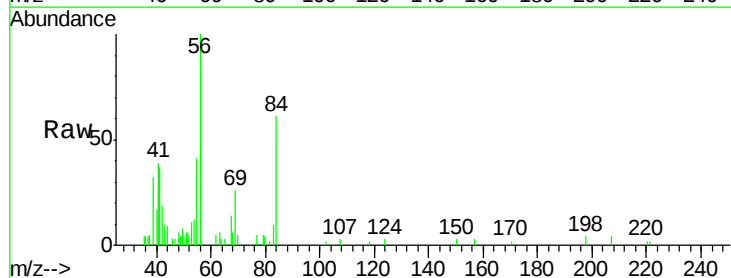
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.564

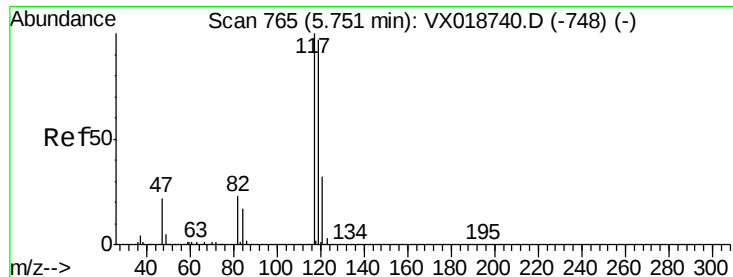
Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.3	76.9
61	42.2	33.3	49.9



#30
 Cyclohexane
 Concen: 0.290 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.3	26.0	39.0
84	92.6	73.8	110.6





#31

Carbon tetrachloride

Concen: 0.319 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

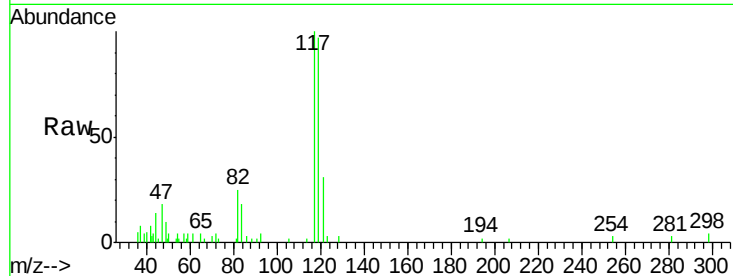
VSTD0.564

Tgt Ion:117 Resp: 8524

Ion Ratio Lower Upper

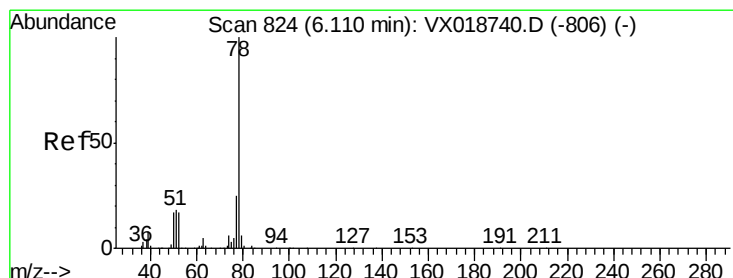
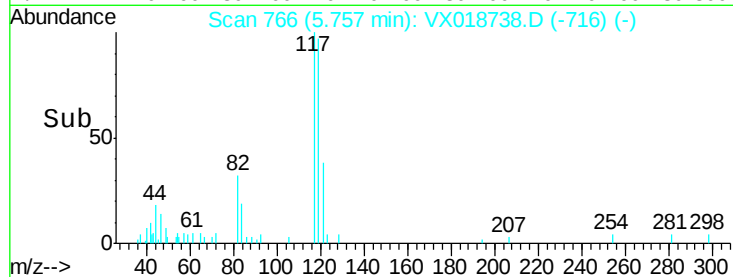
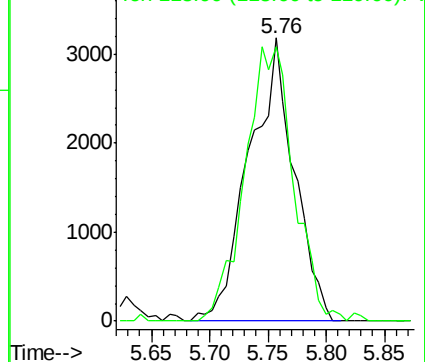
117 100

119 105.2 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.282 ug/L

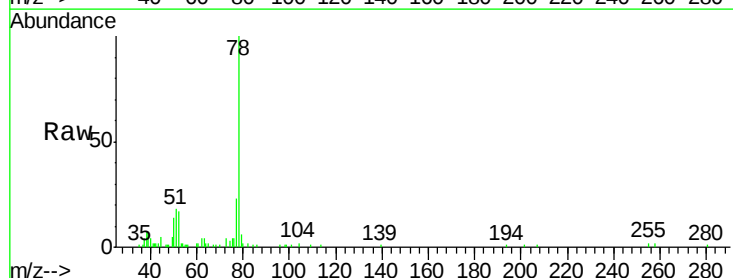
RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

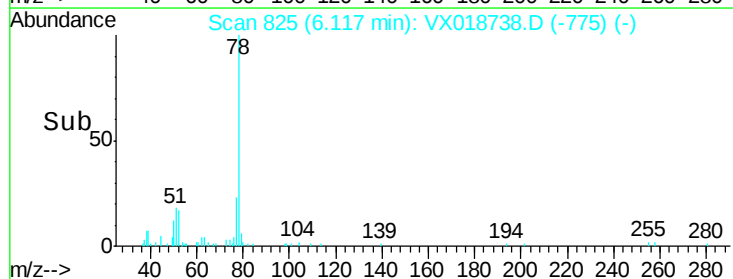
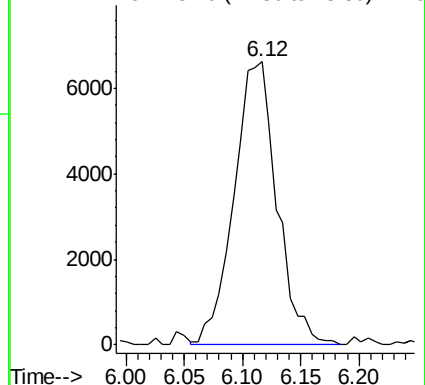
Lab File: VX018738.D

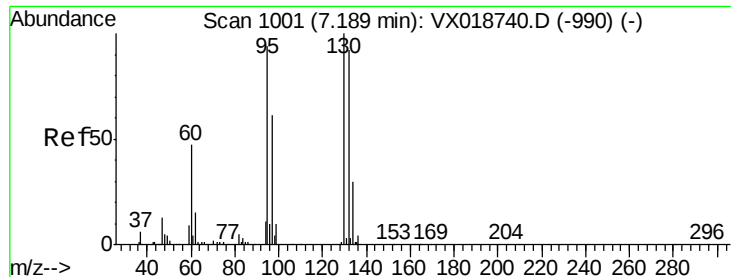
Acq: 02 Oct 2020 10:20

Tgt Ion: 78 Resp: 17036



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 0.280 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.564

Tgt Ion: 95 Resp: 4981

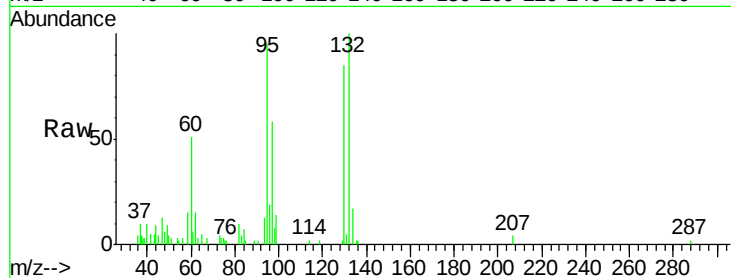
Ion Ratio Lower Upper

95 100

97 60.7 45.3 84.1

132 104.8 68.6 127.4

130 89.2 74.5 138.3

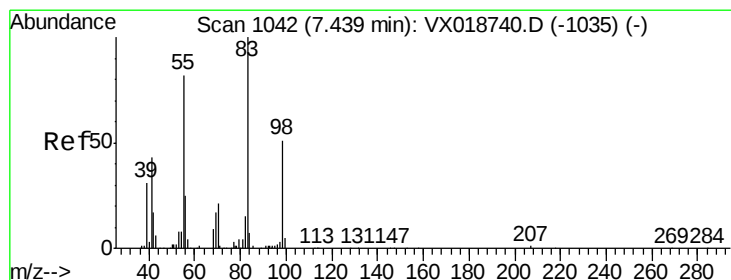
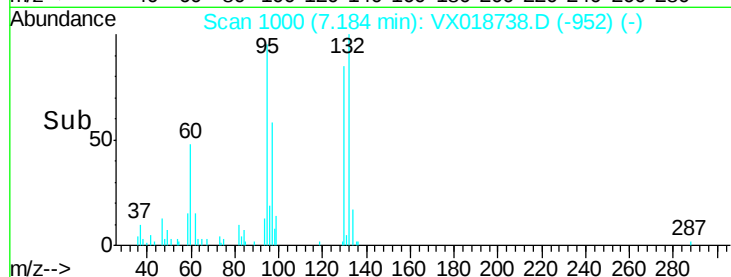
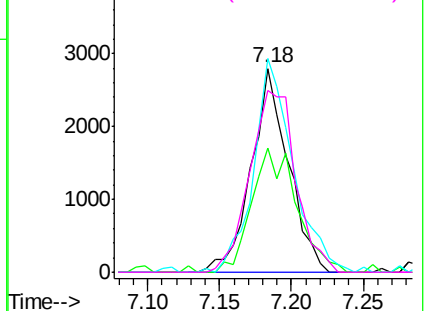


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.261 ug/L

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

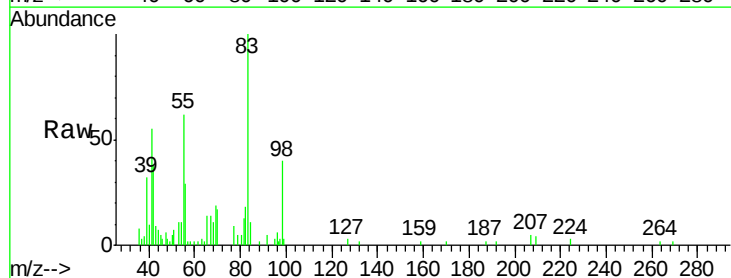
Tgt Ion: 83 Resp: 6492

Ion Ratio Lower Upper

83 100

55 84.4 60.3 90.5

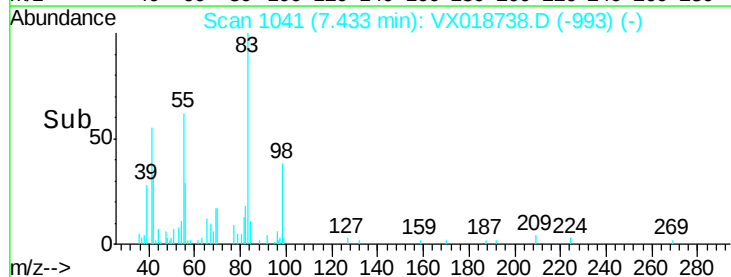
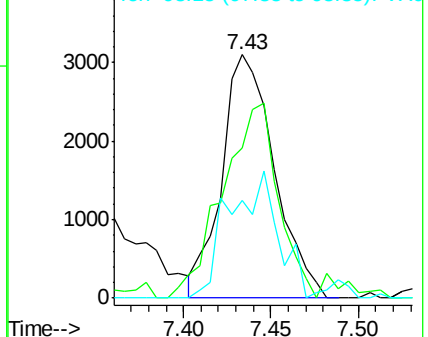
98 49.1 39.4 59.0

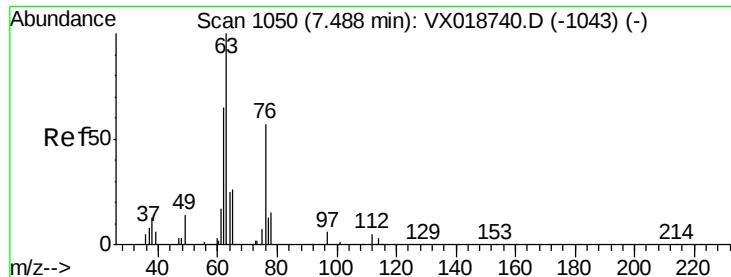


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#37

1,2-Dichloropropane

Concen: 0.343 ug/L

RT: 7.50 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

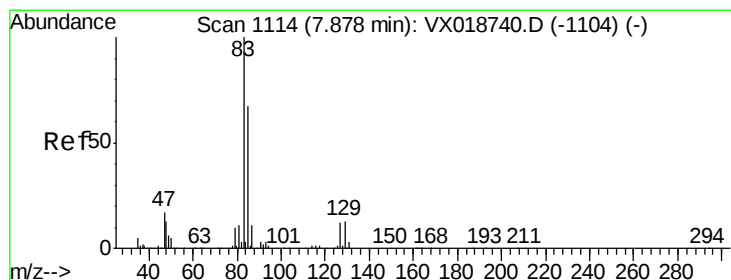
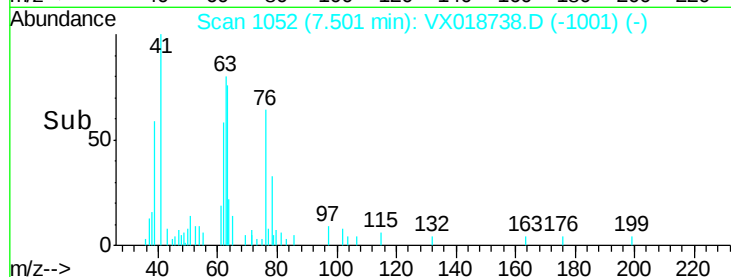
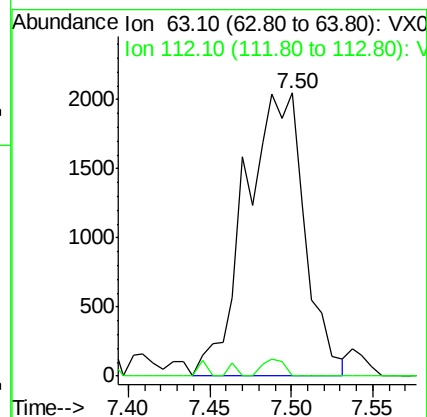
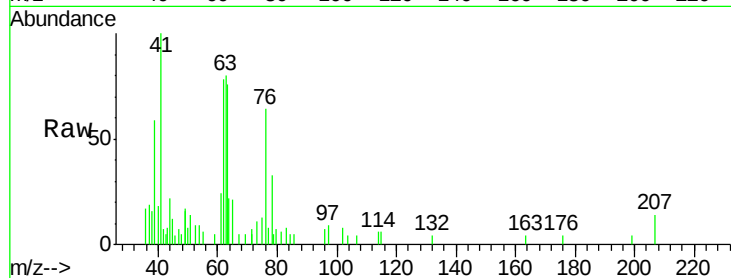
VSTD0.564

Tgt Ion: 63 Resp: 5181

Ion Ratio Lower Upper

63 100

112 2.3 4.7 7.1#



#38

Bromodichloromethane

Concen: 0.337 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

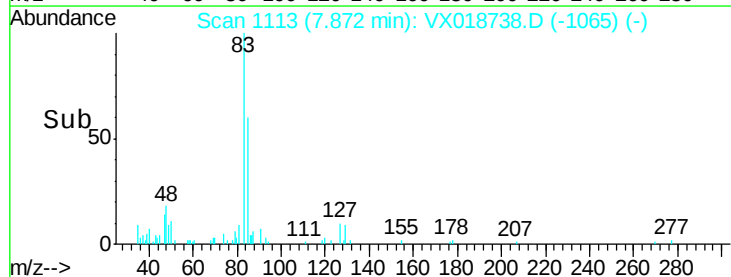
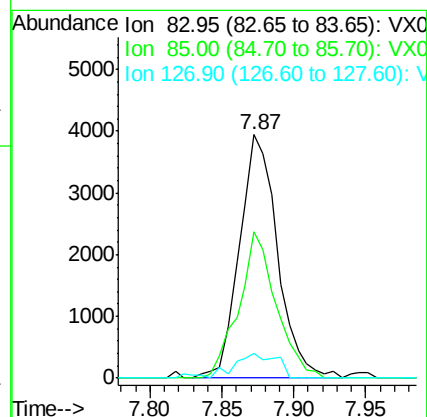
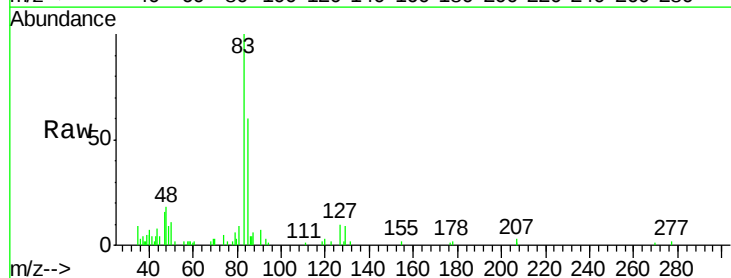
Tgt Ion: 83 Resp: 7248

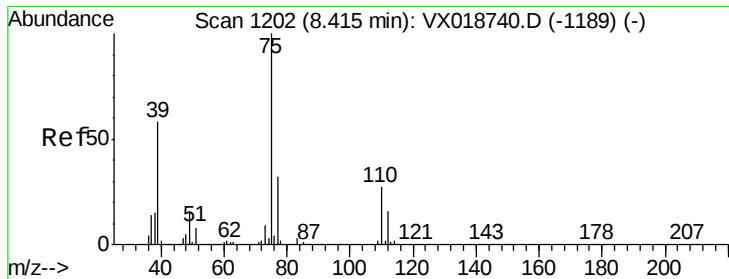
Ion Ratio Lower Upper

83 100

85 60.2 46.6 86.6

127 10.4 9.9 14.9

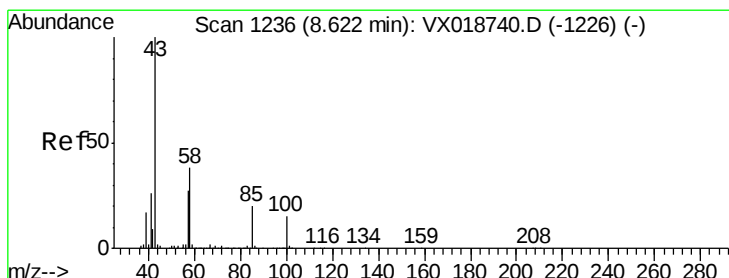
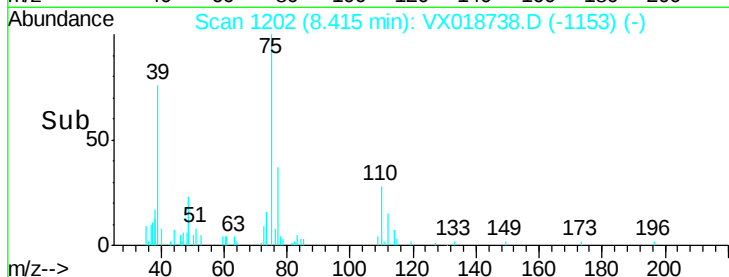
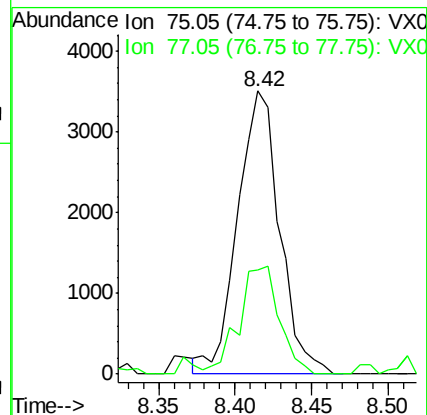
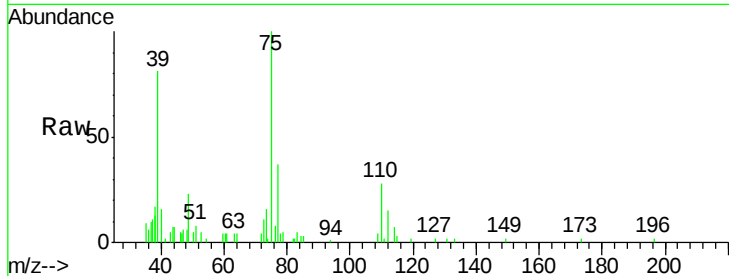




#39
 cis-1,3-Dichloropropene
 Concen: 0.284 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

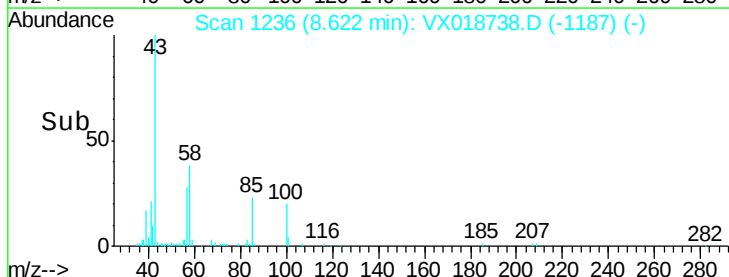
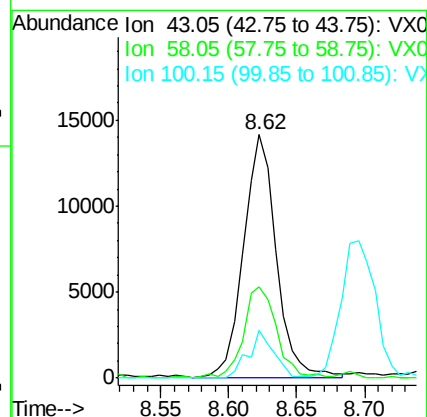
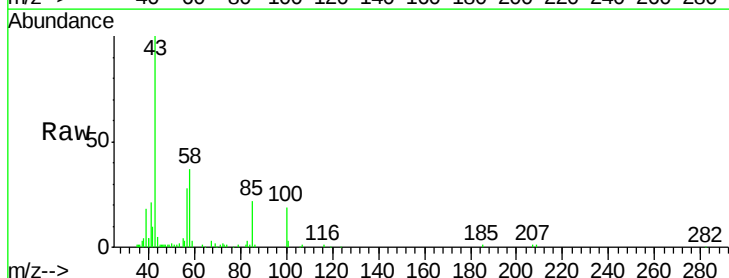
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.564

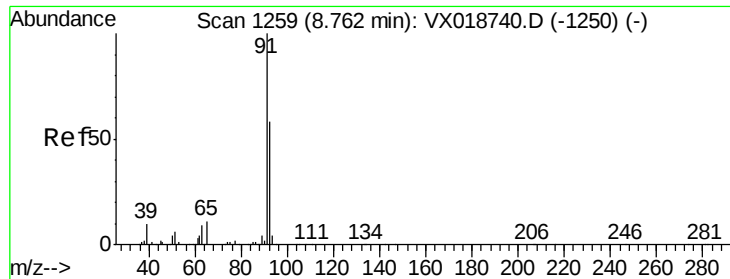
Tgt Ion: 75 Resp: 6683
 Ion Ratio Lower Upper
 75 100
 77 37.0 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 2.475 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

Tgt Ion: 43 Resp: 23973
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.8 46.2
 100 15.6 13.2 19.8





#42

Toluene

Concen: 0.267 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

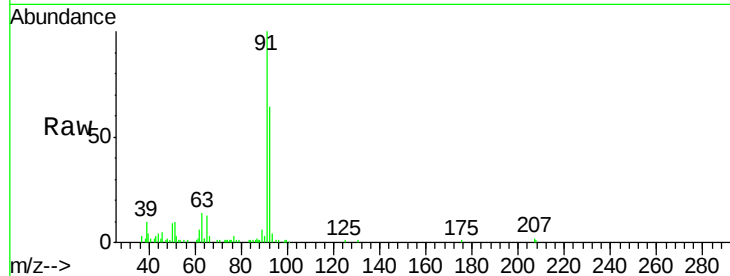
VSTD0.564

Tgt Ion: 91 Resp: 17535

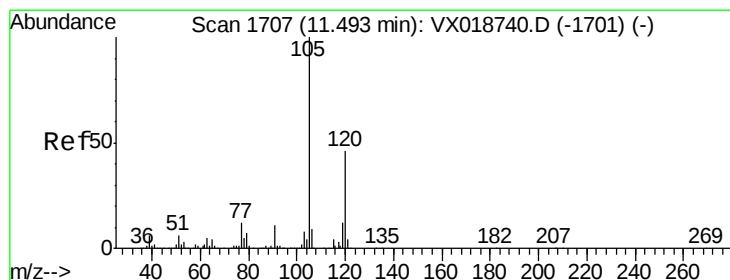
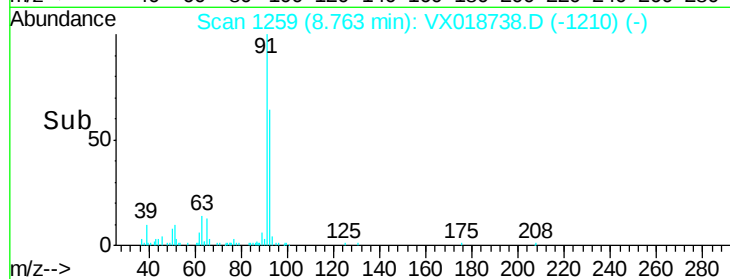
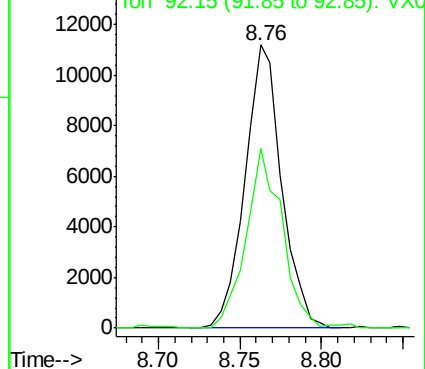
Ion Ratio Lower Upper

91 100

92 63.5 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX0



#43

1,3,5-Trimethylbenzene

Concen: 0.231 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018738.D

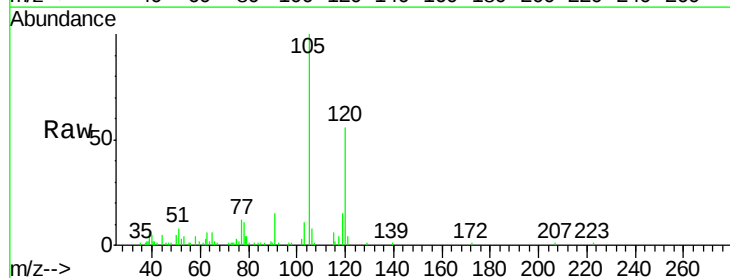
Acq: 02 Oct 2020 10:20

Tgt Ion: 105 Resp: 13888

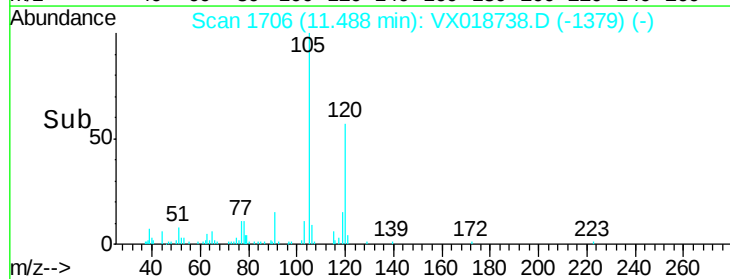
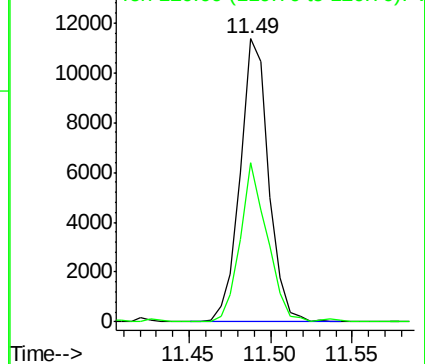
Ion Ratio Lower Upper

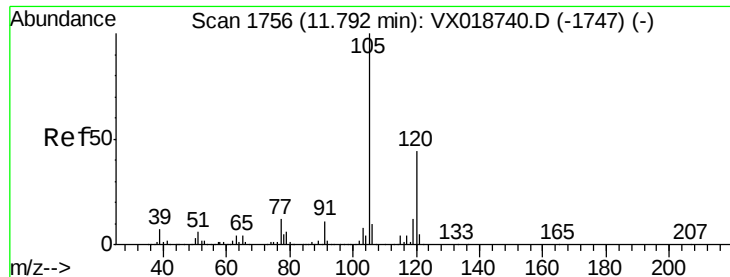
105 100

120 52.9 37.7 56.5



Abundance Ion 105.00 (104.70 to 105.70): V

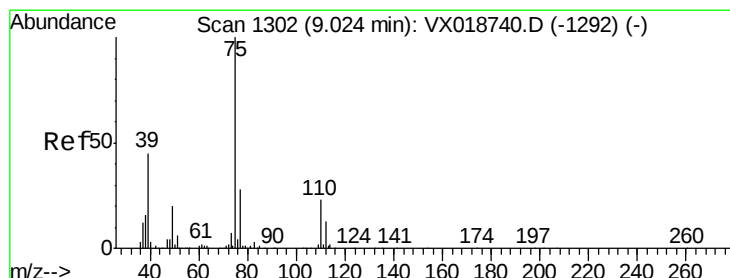
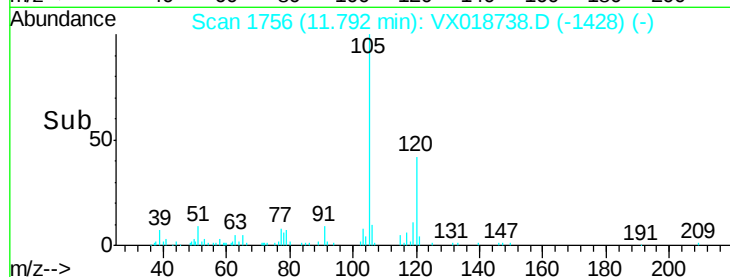
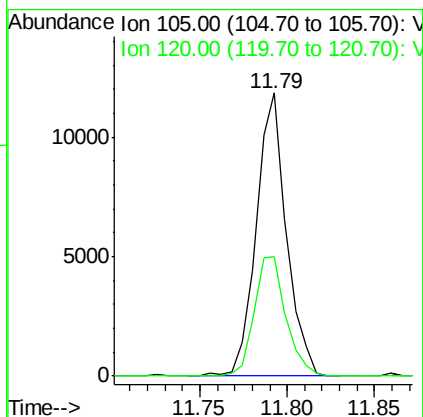
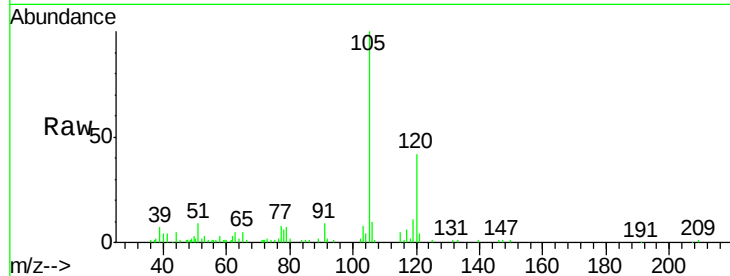




#44
 1,2,4-Trimethylbenzene
 Concen: 0.231 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

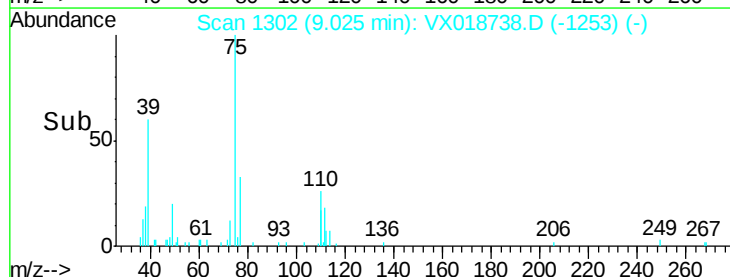
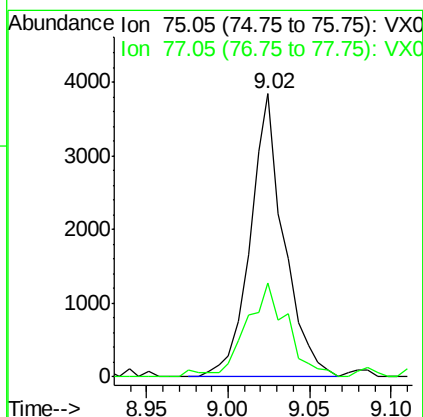
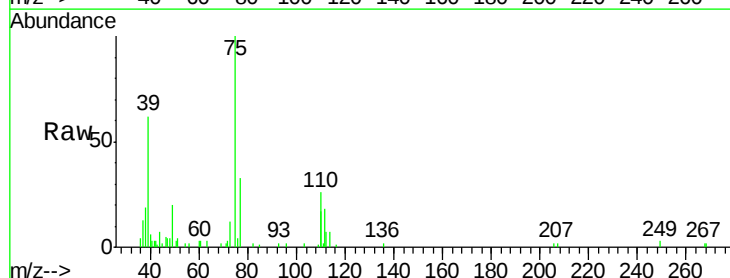
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD0.564

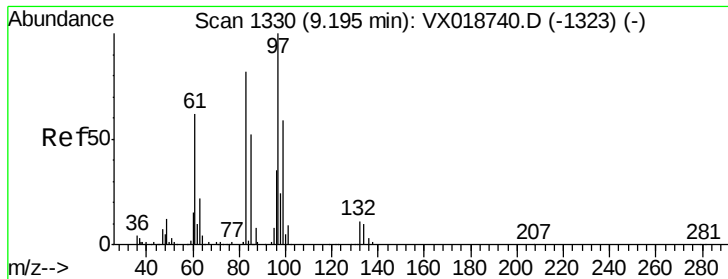
Tgt Ion: 105 Resp: 14192
 Ion Ratio Lower Upper
 105 100
 120 44.0 35.1 52.7



#46
 trans-1,3-Dichloropropene
 Concen: 0.263 ug/L
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

Tgt Ion: 75 Resp: 5532
 Ion Ratio Lower Upper
 75 100
 77 33.0 19.9 37.0

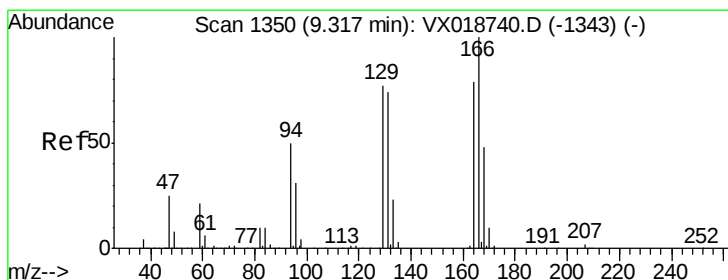
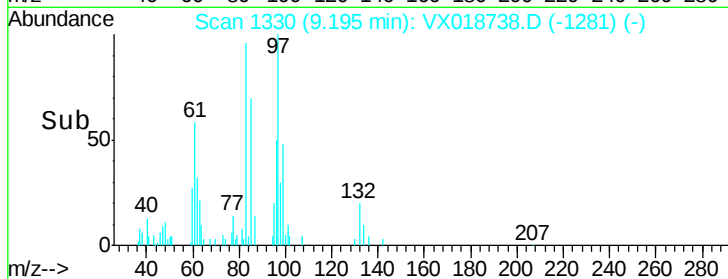
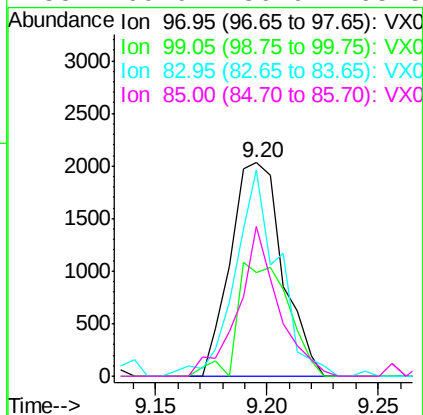
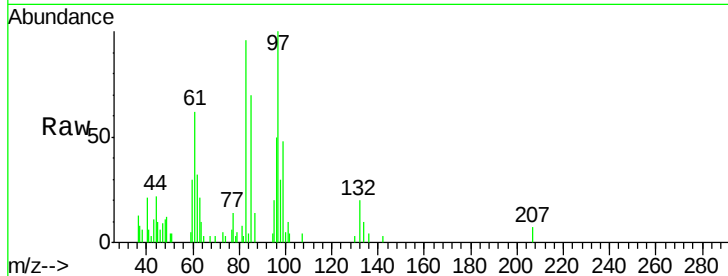




#47
 1,1,2-Trichloroethane
 Concen: 0.290 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

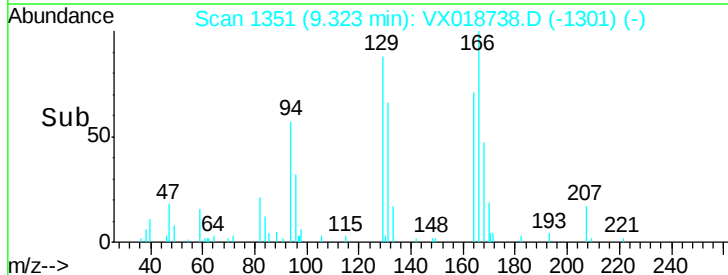
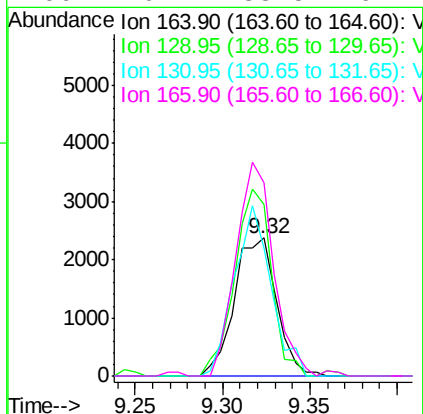
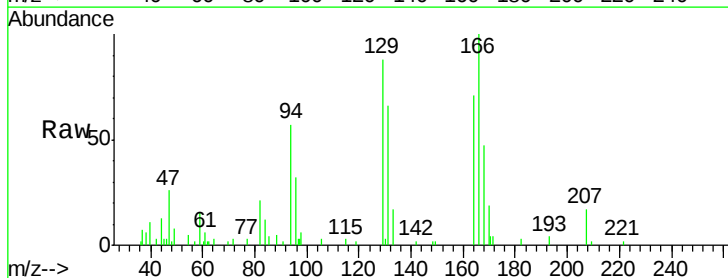
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.564

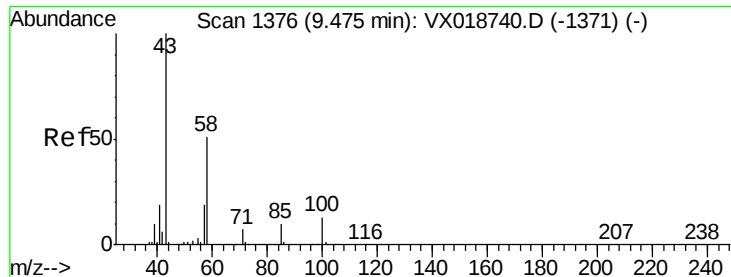
Tgt Ion:	97	Resp:	3319
Ion	Ratio	Lower	Upper
97	100		
99	48.4	41.1	76.3
83	96.4	57.5	106.7
85	69.9	36.9	68.5#



#49
 Tetrachloroethene
 Concen: 0.276 ug/L
 RT: 9.32 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

Tgt Ion:	164	Resp:	3983
Ion	Ratio	Lower	Upper
164	100		
129	124.2	68.7	127.5
131	92.9	65.3	121.3
166	140.4	88.5	164.4

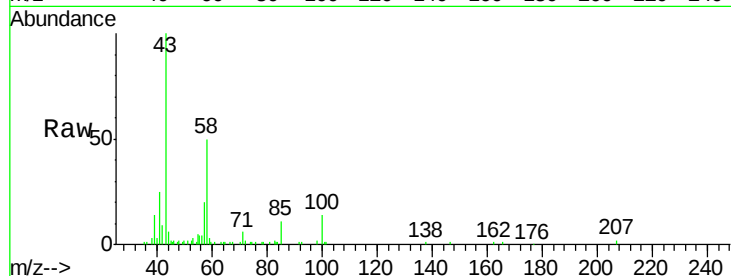




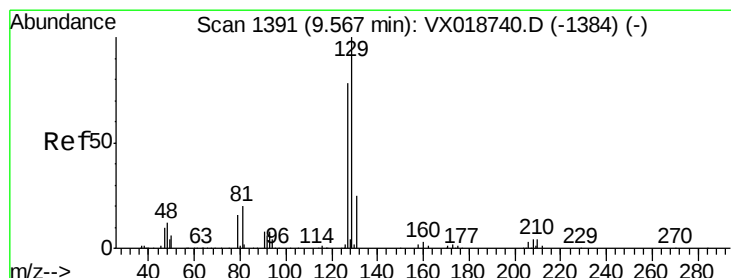
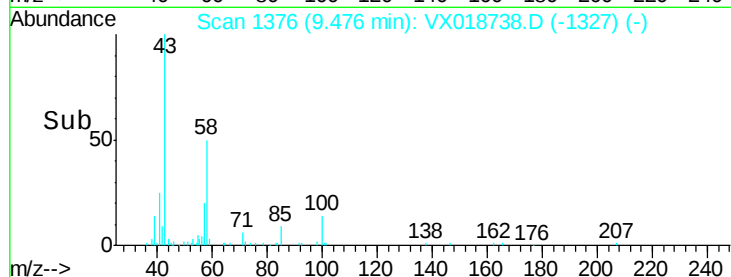
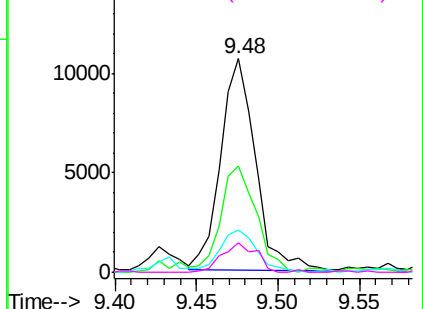
#50
2-Hexanone
Concen: 2.291 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018738.D
Acq: 02 Oct 2020 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTD0.564

Tgt Ion:	43	Resp:	15889
Ion	Ratio	Lower	Upper
43	100		
58	51.0	41.0	61.4
57	20.7	15.9	23.9
100	13.8	10.1	15.1

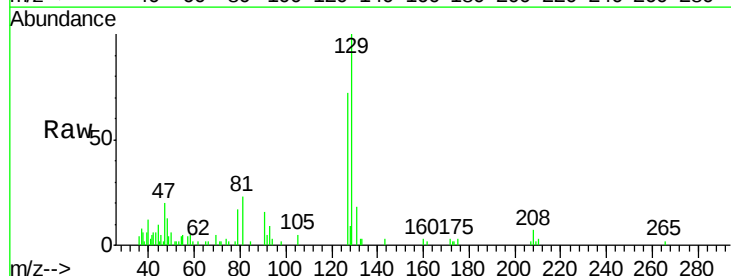


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

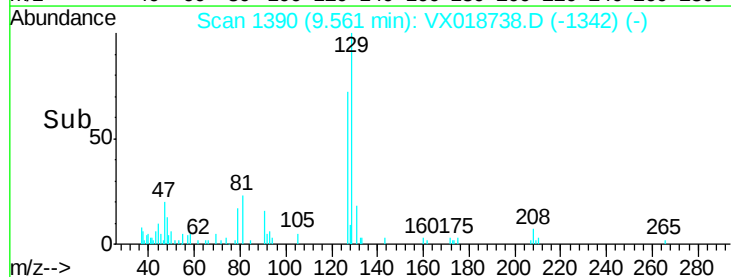
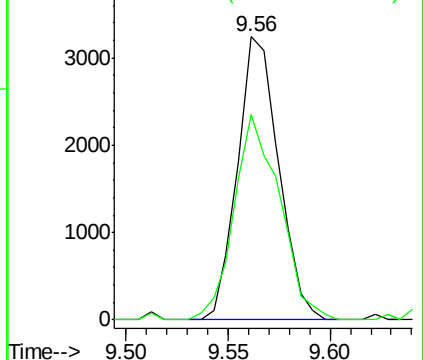


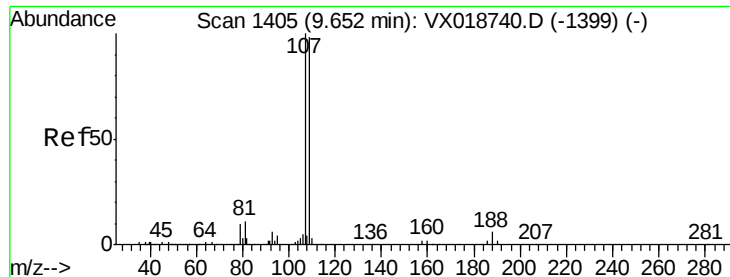
#51
Dibromochloromethane
Concen: 0.289 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018738.D
Acq: 02 Oct 2020 10:20

Tgt Ion:	129	Resp:	4557
Ion	Ratio	Lower	Upper
129	100		
127	72.4	54.5	101.1



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





#52

1,2-Dibromoethane

Concen: 0.355 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

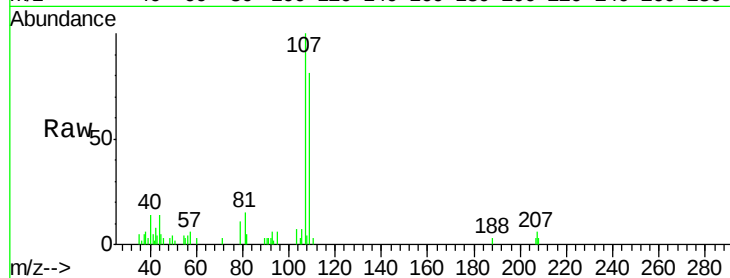
Instrument :

MSVOA_X

ClientSampleId :

VSTD0.564

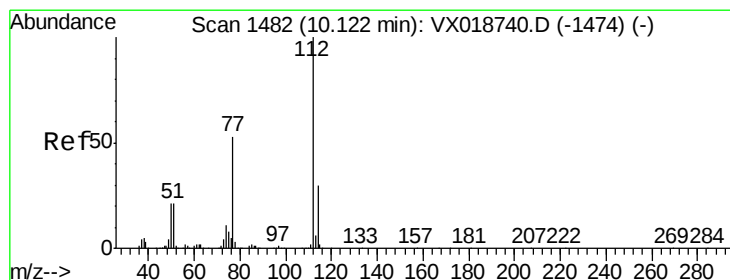
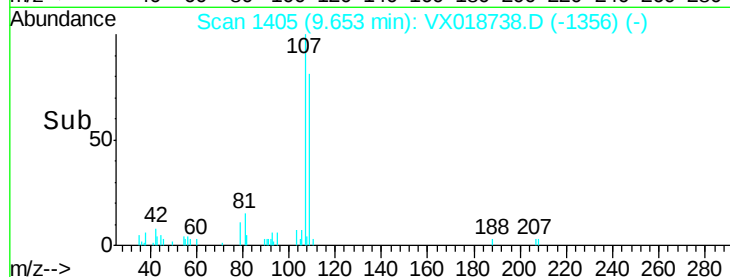
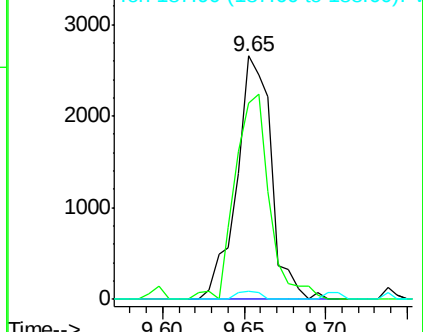
Tgt Ion:	107	Resp:	3934
Ion	Ratio	Lower	Upper
107	100		
109	80.8	68.7	127.5
188	3.4	4.5	6.7#



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 0.288 ug/L

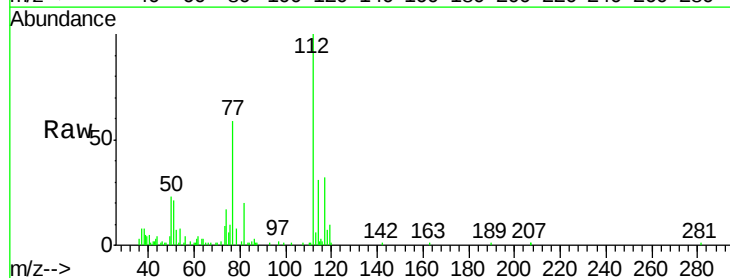
RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

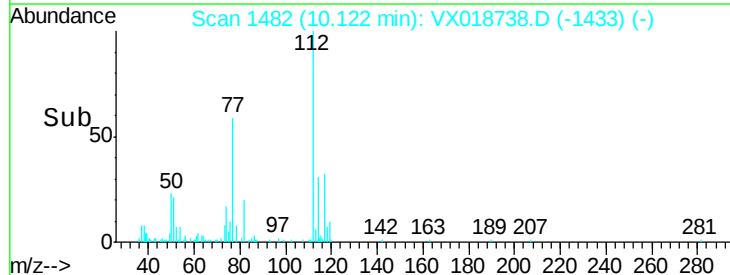
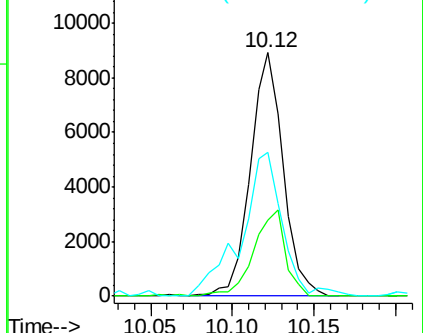
Tgt Ion:	112	Resp:	12458
Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.3	39.5
77	59.2	42.4	63.6

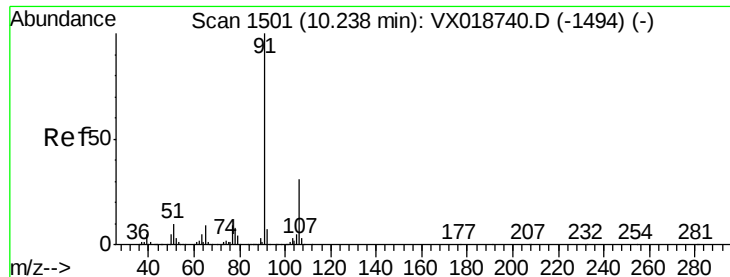


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 0.258 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

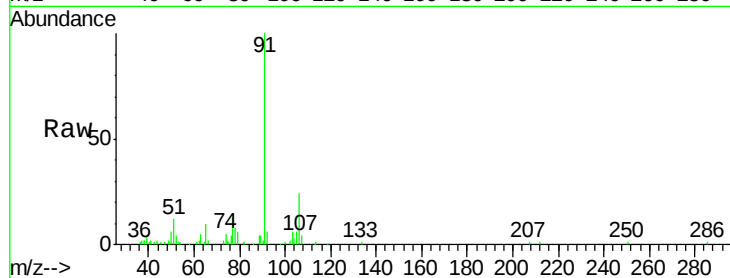
VSTD0.564

Tgt Ion: 91 Resp: 18636

Ion Ratio Lower Upper

91 100

106 24.3 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V

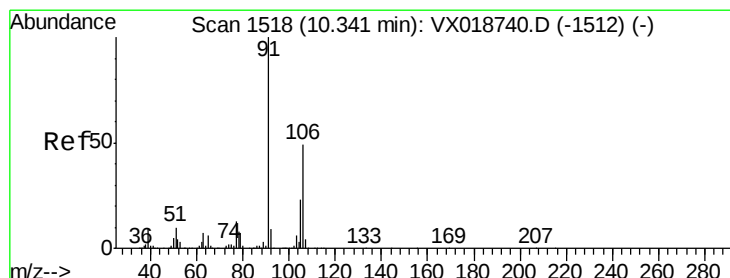
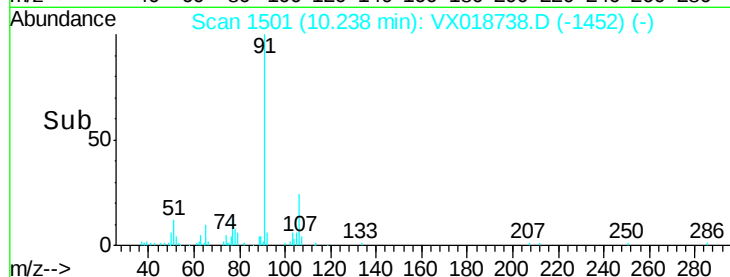
15000

10000

5000

0

Time--> 10.15 10.20 10.25 10.30



#55

m,p-xylene

Concen: 0.281 ug/L

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX018738.D

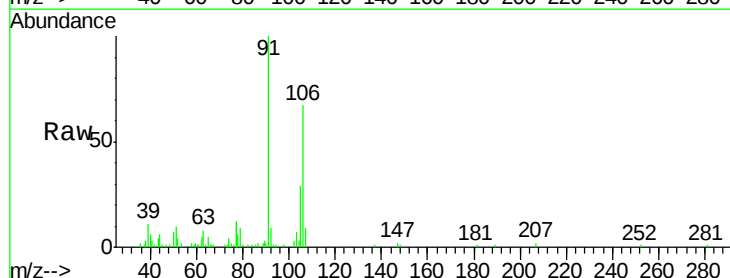
Acq: 02 Oct 2020 10:20

Tgt Ion: 106 Resp: 7702

Ion Ratio Lower Upper

106 100

91 150.2 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

12000

10000

8000

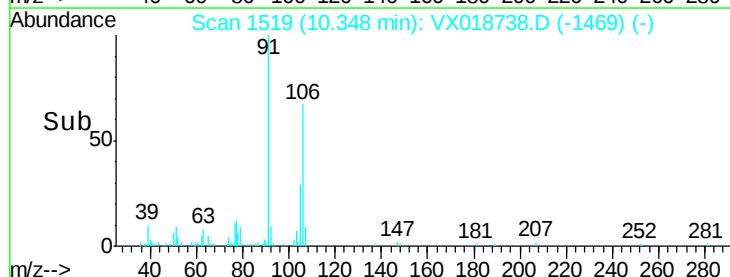
6000

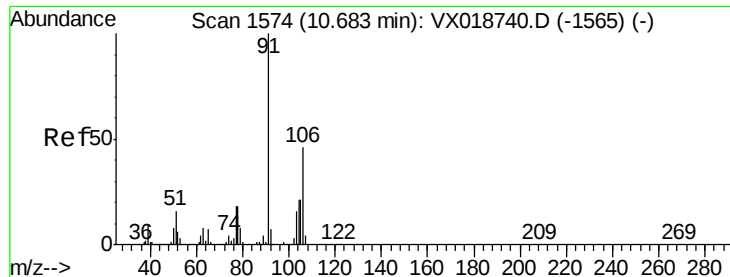
4000

2000

0

Time--> 10.30 10.35 10.40

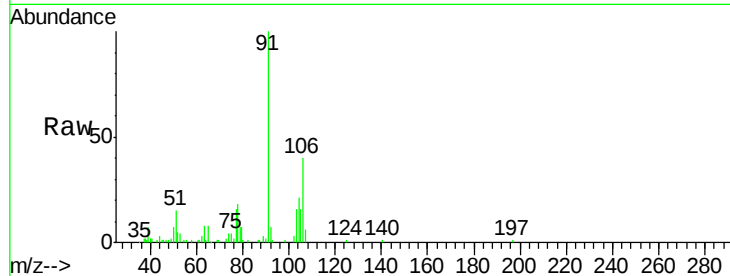




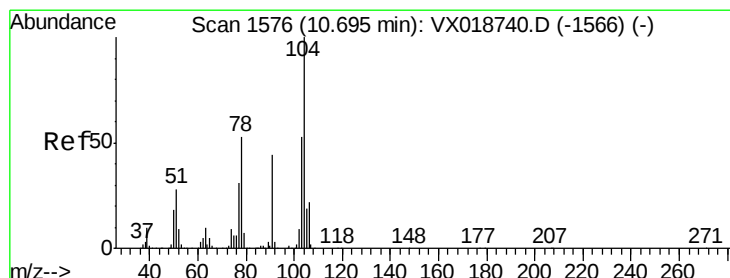
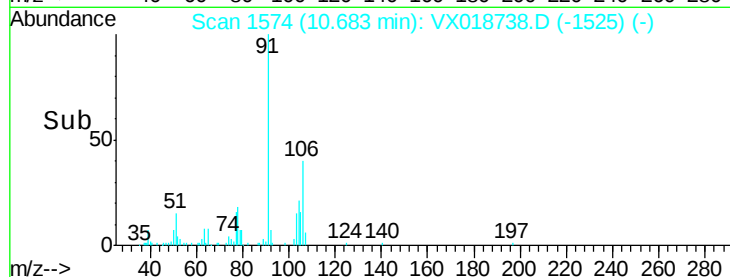
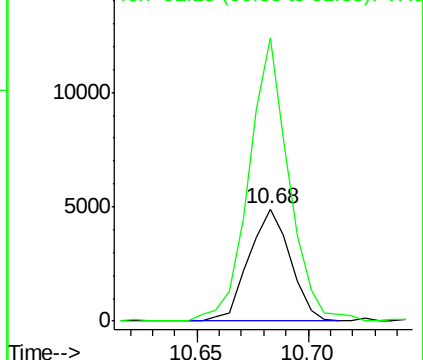
#56
o-xylene
Concen: 0.240 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018738.D
Acq: 02 Oct 2020 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTD0.564

Tgt Ion:106 Resp: 6372
Ion Ratio Lower Upper
106 100
91 252.2 153.4 284.8

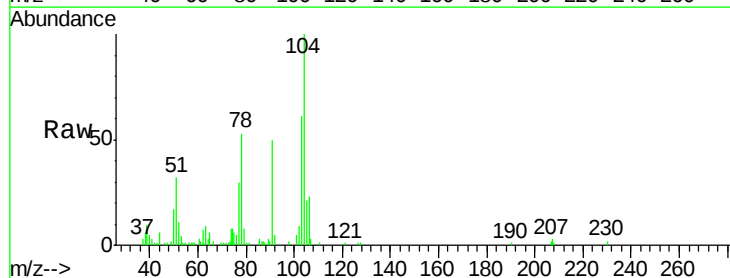


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VX0

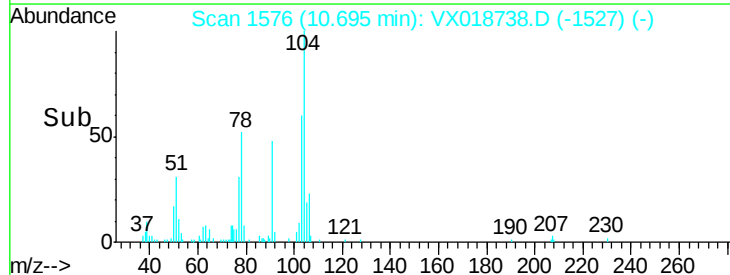
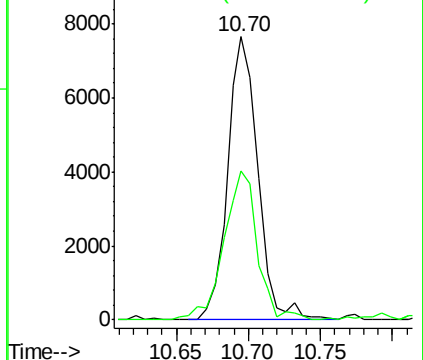


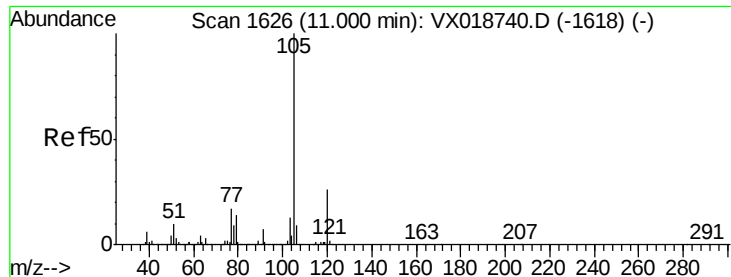
#57
Styrene
Concen: 0.253 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018738.D
Acq: 02 Oct 2020 10:20

Tgt Ion:104 Resp: 11292
Ion Ratio Lower Upper
104 100
78 52.6 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: 0.261 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

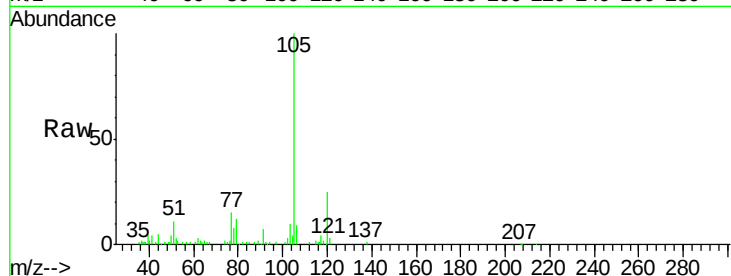
Instrument :

MSVOA_X

ClientSampleId :

VSTD0.564

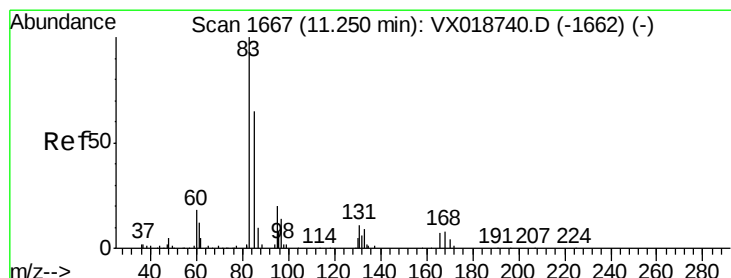
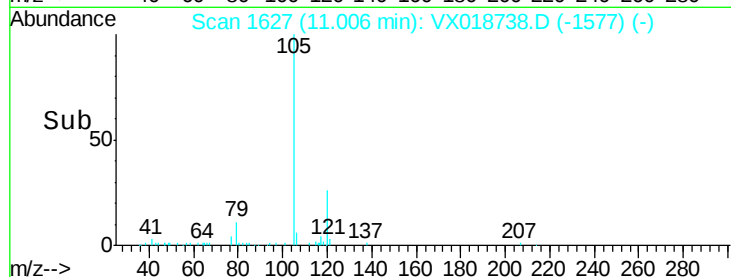
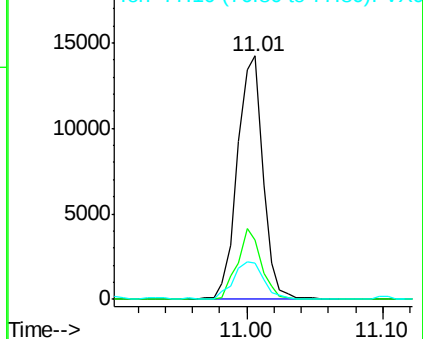
Tgt Ion:	105	Resp:	18713
Ion	Ratio	Lower	Upper
105	100		
120	26.9	20.2	30.2
77	18.3	13.3	19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 0.284 ug/L

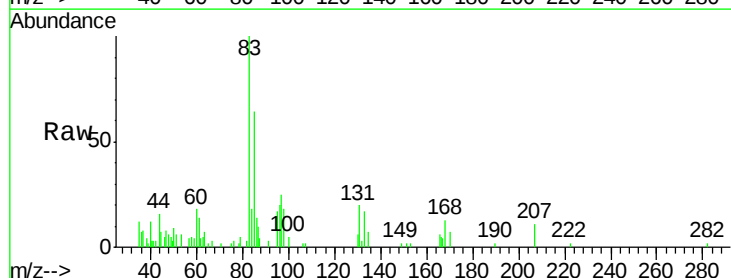
RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

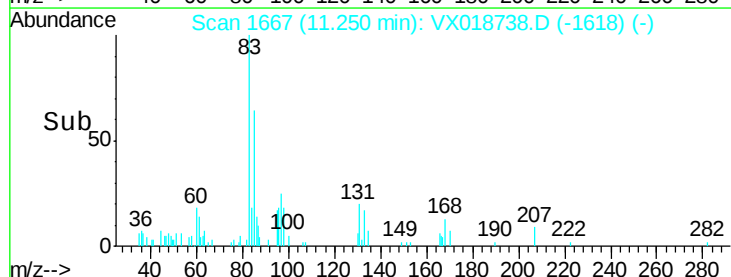
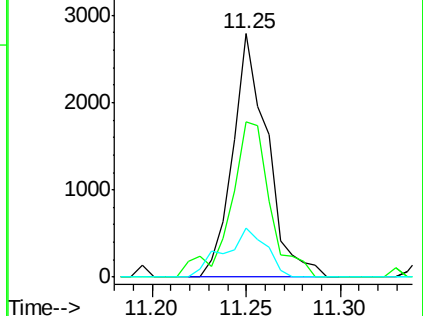
Tgt Ion:	83	Resp:	3566
Ion	Ratio	Lower	Upper
83	100		
85	63.7	46.5	86.5
131	20.0	9.6	14.4#

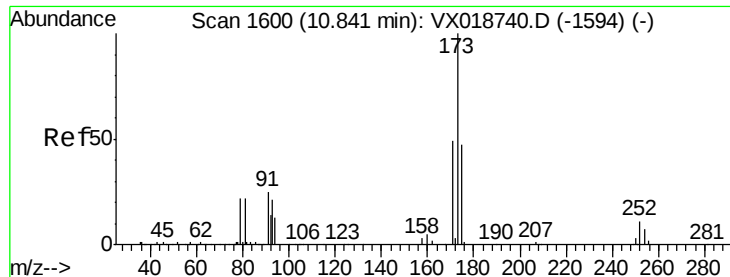


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 0.355 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTD0.564

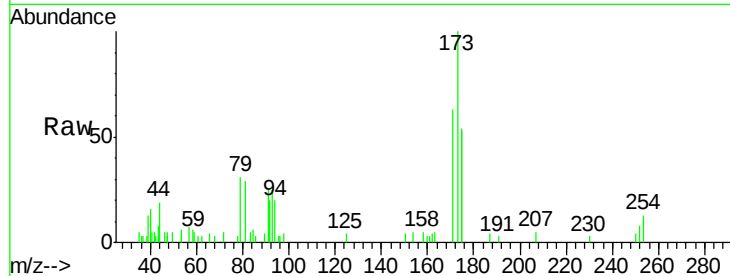
Tgt Ion:173 Resp: 3074

Ion Ratio Lower Upper

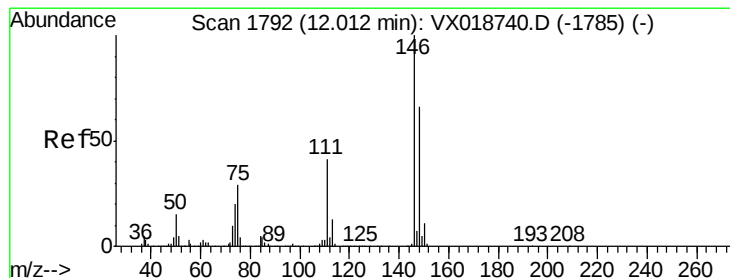
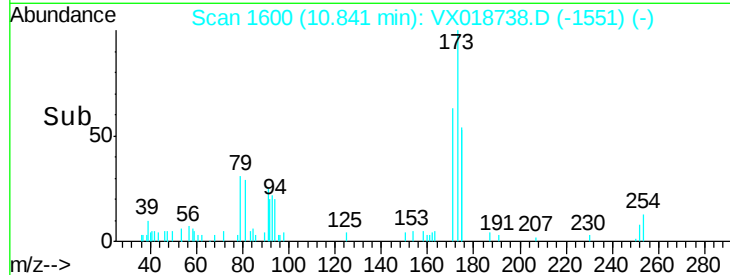
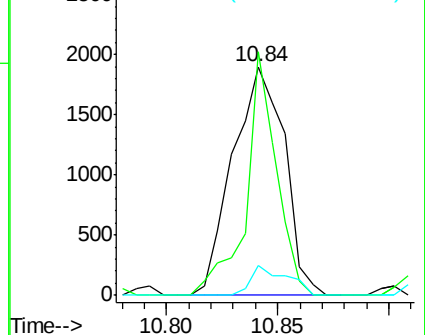
173 100

175 62.2 37.8 56.8#

254 8.9 7.2 10.8



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 0.292 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

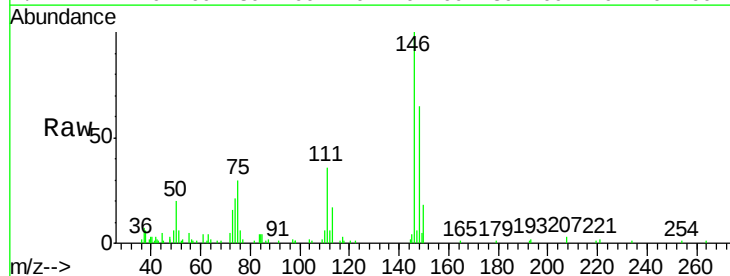
Tgt Ion:146 Resp: 9693

Ion Ratio Lower Upper

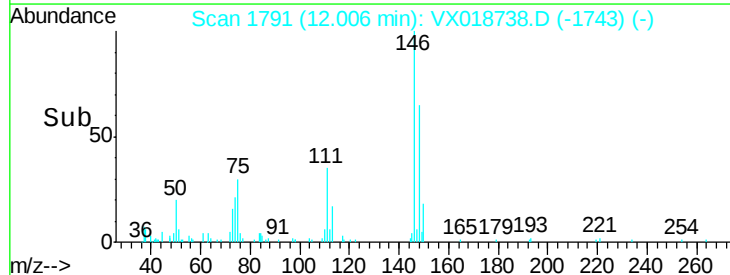
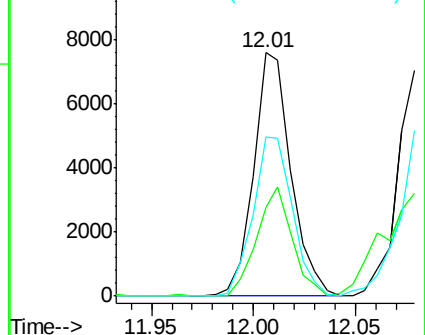
146 100

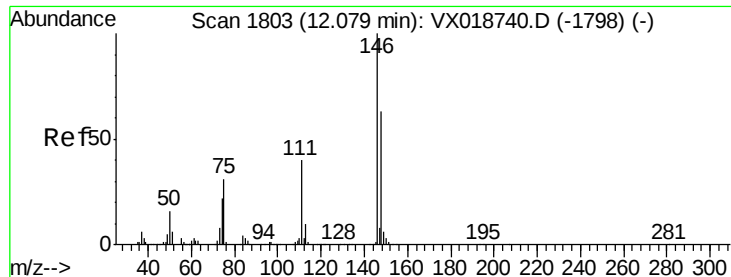
111 36.3 28.4 52.8

148 65.3 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: 0.293 ug/L

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.564

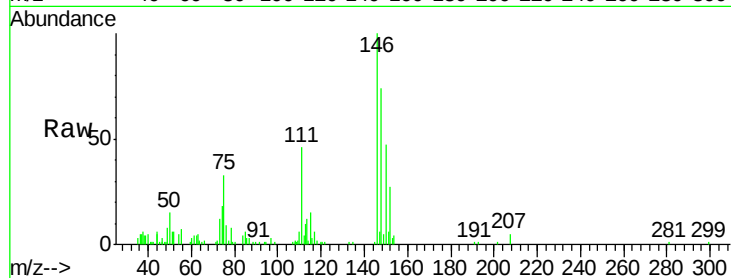
Tgt Ion:146 Resp: 9738

Ion Ratio Lower Upper

146 100

111 45.9 28.6 53.2

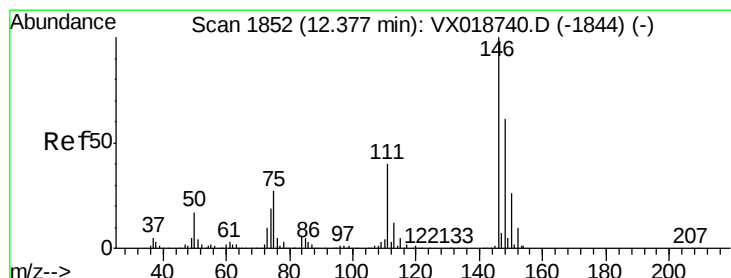
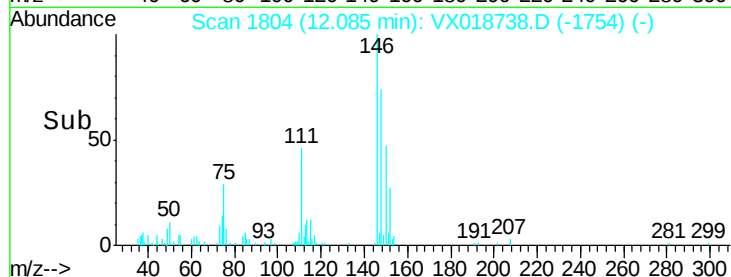
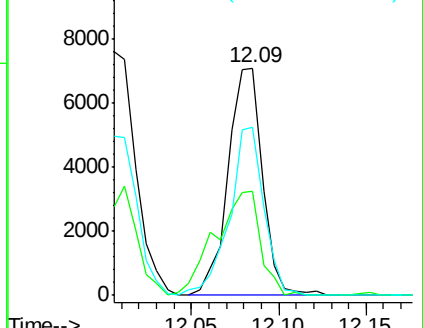
148 73.9 44.2 82.0



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: 0.282 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

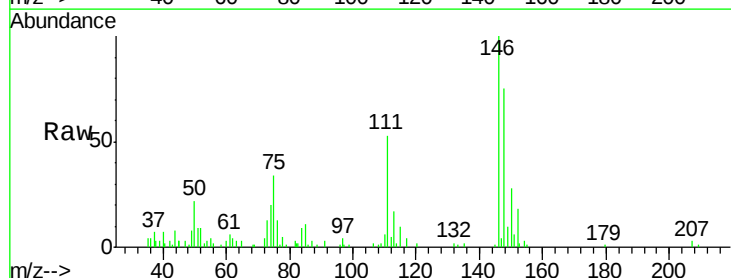
Tgt Ion:146 Resp: 8810

Ion Ratio Lower Upper

146 100

111 52.8 31.7 47.5#

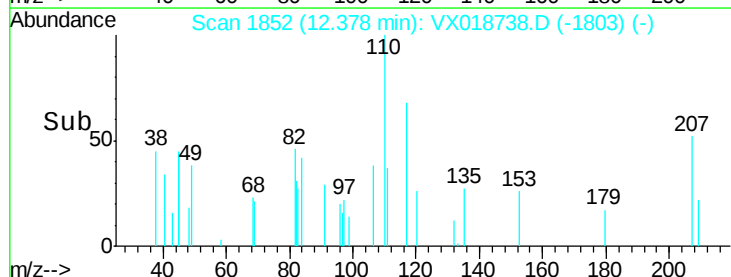
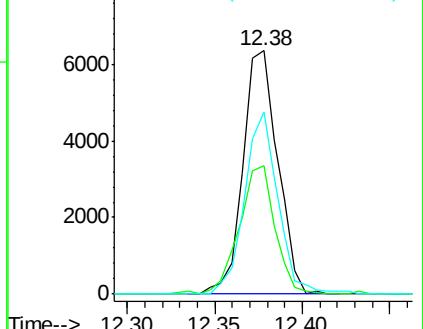
148 74.6 49.0 73.6#

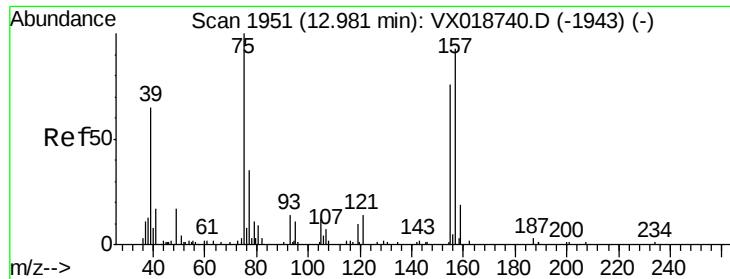


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#67

1,2-Dibromo-3-chloropropane

Concen: 0.330 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.564

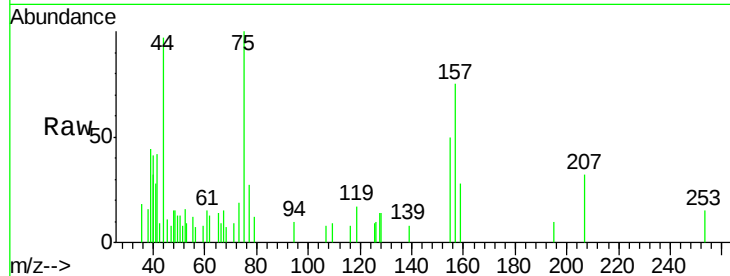
Tgt Ion: 75 Resp: 899

Ion Ratio Lower Upper

75 100

155 50.3 61.1 91.7#

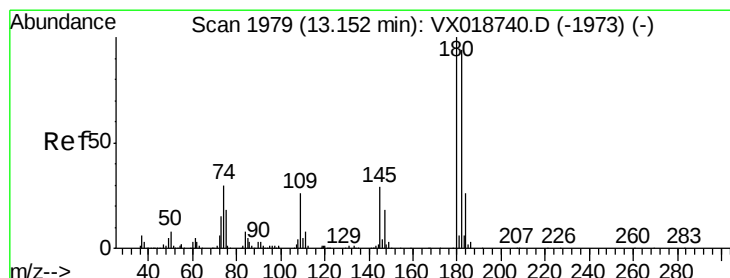
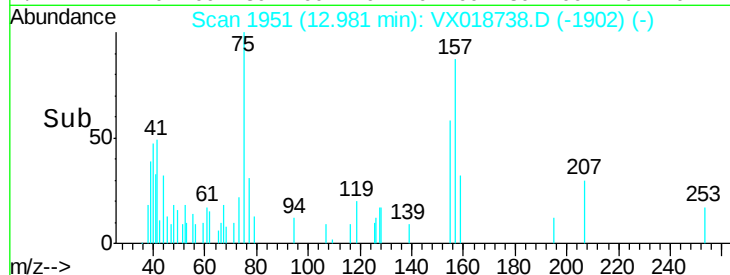
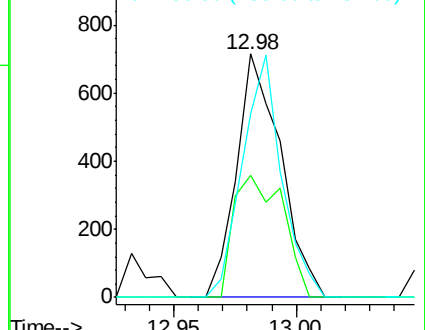
157 75.2 74.2 111.2



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



#68

1,3,5-Trichlorobenzene

Concen: 0.307 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX018738.D

Acq: 02 Oct 2020 10:20

Tgt Ion: 180 Resp: 7618

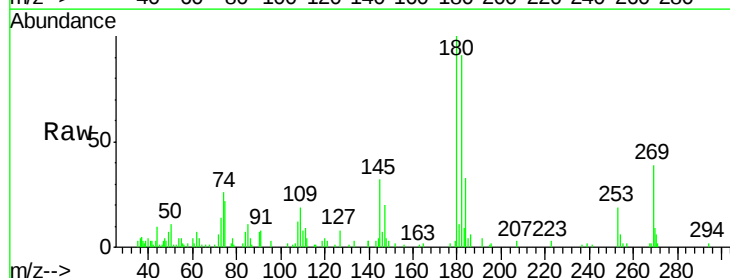
Ion Ratio Lower Upper

180 100

182 92.6 74.1 111.1

184 31.2 23.4 35.2

145 30.3 23.6 35.4

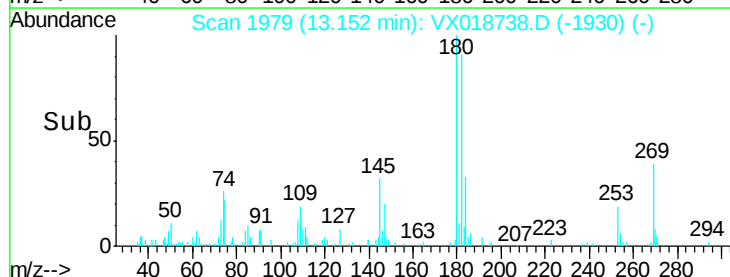
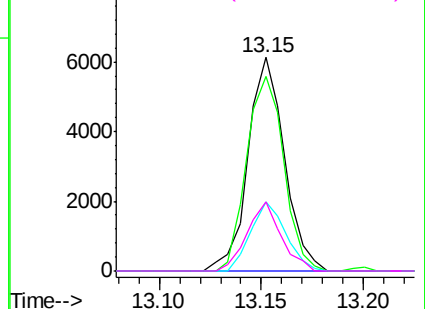


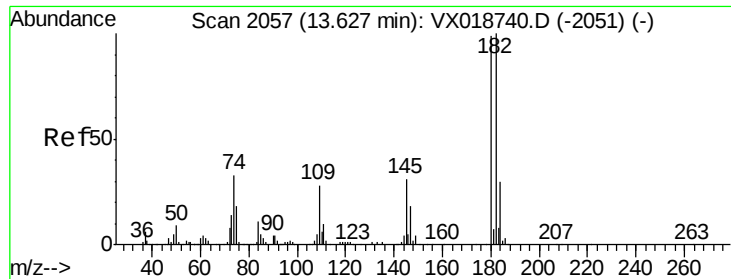
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

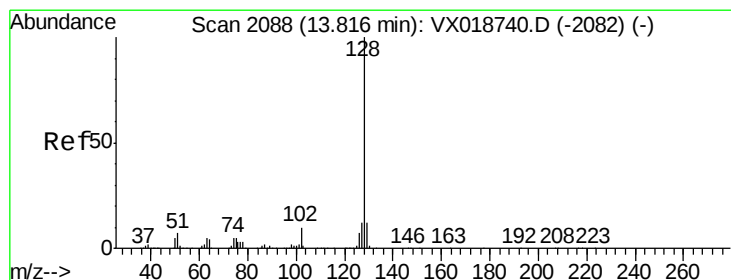
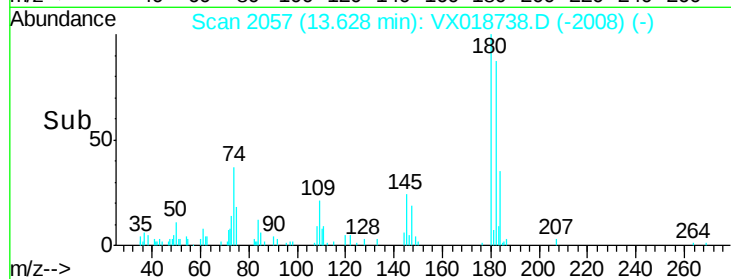
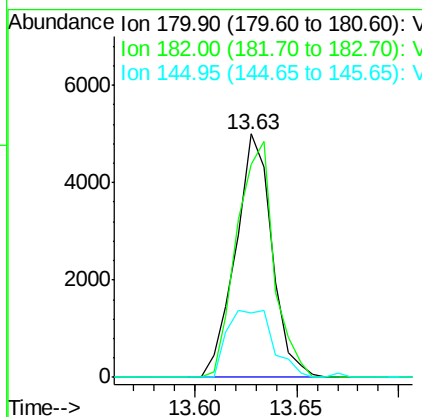
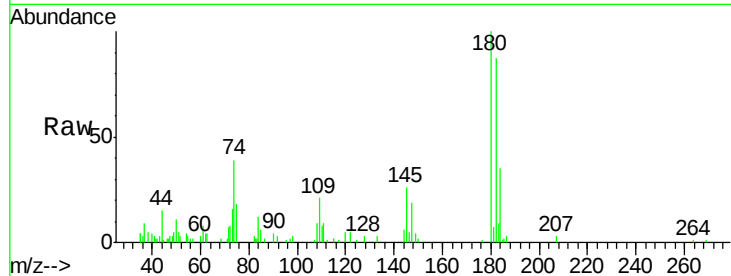




#69
 1,2,4-trichlorobenzene
 Concen: 0.284 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

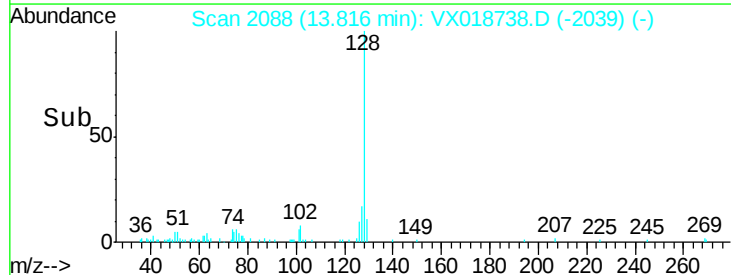
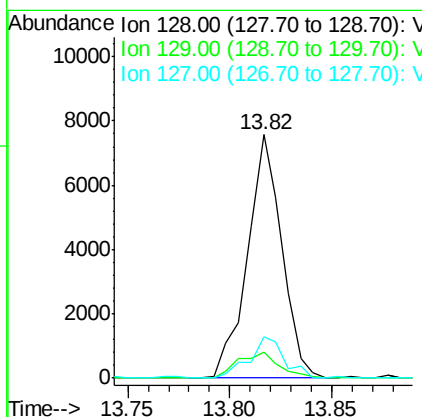
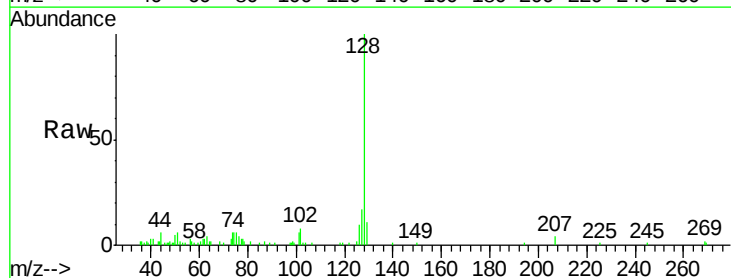
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.564

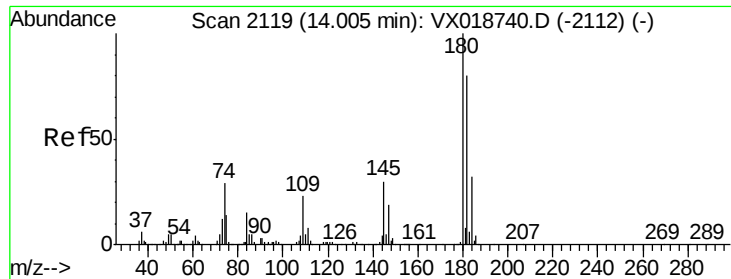
Tgt Ion:180 Resp: 6199
 Ion Ratio Lower Upper
 180 100
 182 98.4 80.2 120.4
 145 34.9 25.2 37.8



#70
 Naphthalene
 Concen: 0.225 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

Tgt Ion:128 Resp: 8848
 Ion Ratio Lower Upper
 128 100
 129 12.9 9.0 13.4
 127 17.1 10.5 15.7#





#71
 1,2,3-Trichlorobenzene
 Concen: 0.254 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018738.D
 Acq: 02 Oct 2020 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.564

Tgt Ion:	180	Resp:	5158
Ion	Ratio	Lower	Upper
180	100		
182	97.9	73.6	110.4
145	35.8	26.6	40.0

