

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018758.D
 Acq On : 02 Oct 2020 19:29
 Operator : JC/SP
 Sample : L4239-05
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 03 05:23:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 14:11:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	303310	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	271719	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	130130	5.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103232	5.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.40%
7) Chloroethane-d5	1.70	69	75653	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.35	63	329362	8.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	164.80%#
20) 2-Butanone-d5	4.57	46	248492	53.47	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.94%
24) Chloroform-d	5.14	84	197915	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	6.03	65	115861	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	6.05	84	379977	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
36) 1,2-Dichloropropane-d6	7.37	67	114088	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.80%
41) Toluene-d8	8.71	98	358588	5.39	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
45) trans-1,3-Dichloropropene-	9.00	79	51685	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
48) 2-Hexanone-d5	9.43	63	228559	64.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.86%
59) 1,1,2,2-Tetrachloroethane-	11.25	84	85751	5.40	ug/L	0.02
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
65) 1,2-Dichlorobenzene-d4	12.37	152	128671	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

				Ovalue	
3) Chloromethane	1.34	50	19260	1.313	ug/L # 51
5) Vinyl chloride	1.39	62	484507	29.605	ug/L # 60
8) Chloroethane	1.72	64	77716	7.829	ug/L # 79
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	5145	0.302	ug/L # 72
12) 1,1-Dichloroethene	2.36	96	324951	21.507	ug/L # 55
13) Acetone	2.45	43	31997	12.611	ug/L 88
14) Carbon disulfide	2.55	76	43293	0.916	ug/L 96
15) Methyl Acetate	2.87	43	13831840	2218.041	ug/L # 48
16) Methylene chloride	2.82	84	2747	0.150	ug/L # 1
17) Methyl tert-butyl Ether	3.17	73	6772	0.174	ug/L # 1
18) trans-1,2-Dichloroethene	3.14	96	231203	14.291	ug/L 93
19) 1,1-Dichloroethane	3.67	63	3871821	134.623	ug/L 97
21) 2-Butanone	4.40	43	2370775	641.850	ug/L # 74
22) cis-1,2-Dichloroethene	4.57	96	25155938	1507.771	ug/L # 80
25) Chloroform	5.26	83	5677	0.173	ug/L # 53
27) 1,2-Dichloroethane	6.17	62	3154	0.132	ug/L # 49
30) Cyclohexane	5.56	56	3426721	153.704	ug/L 97

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

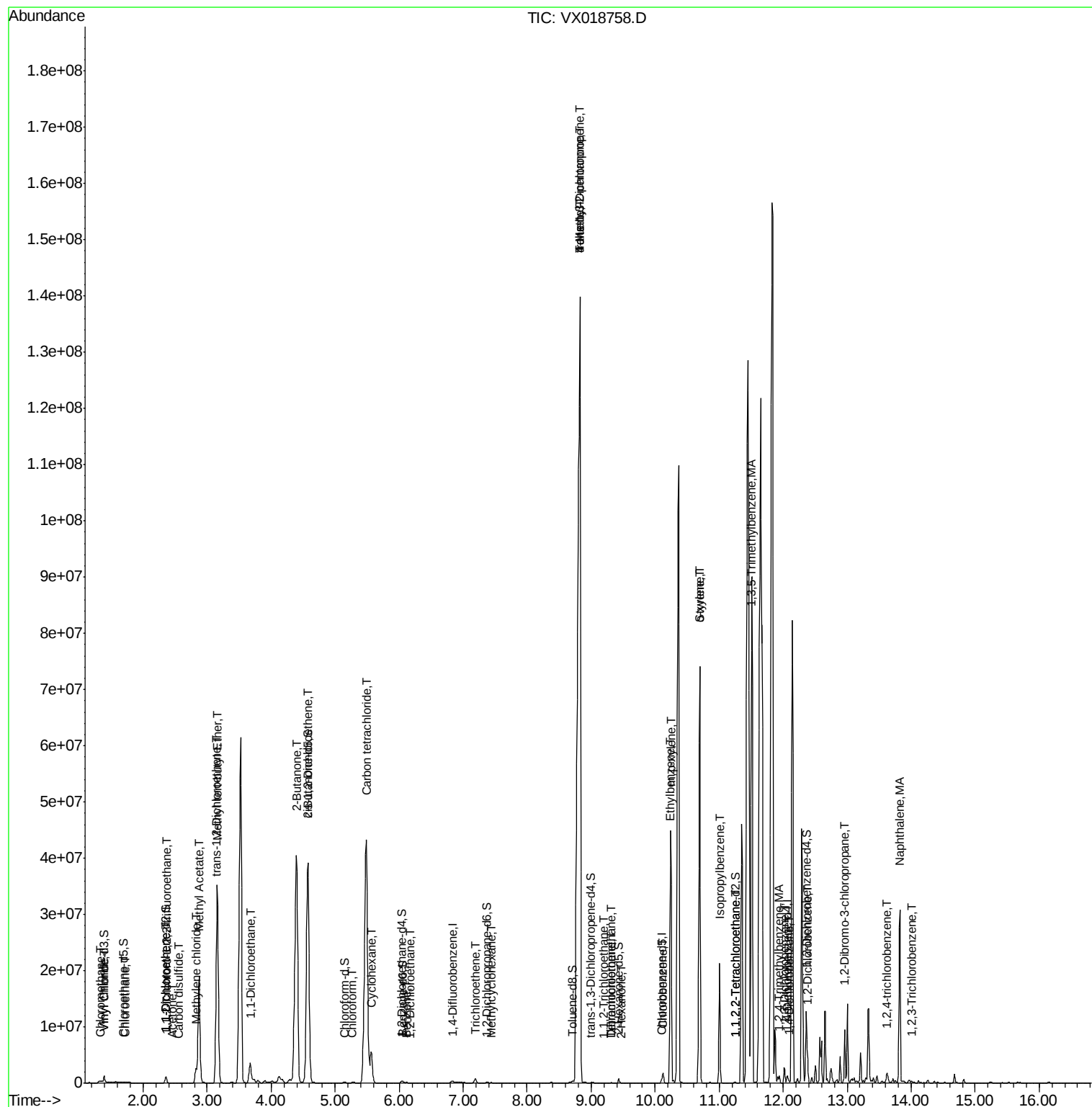
31) Carbon tetrachloride	5.49	117	4779176	161.205	ug/L	96
33) Benzene	6.11	78	123924	2.178	ug/L	100
34) Trichloroethene	7.19	95	275864	16.420	ug/L	97
35) Methylcyclohexane	7.44	83	38319	1.610	ug/L #	88
40) 4-Methyl-2-pentanone	8.83	43	2297559	278.218	ug/L #	44
42) Toluene	8.82	91	19208750	308.511	ug/L	90
43) 1,3,5-Trimethylbenzene	11.50	105	3117797	52.908	ug/L #	1
44) 1,2,4-Trimethylbenzene	11.94	105	613042	10.249	ug/L #	1
46) trans-1,3-Dichloropropene	8.82	75	2734563	130.172	ug/L #	1
47) 1,1,2-Trichloroethane	9.20	97	4169	0.388	ug/L #	86
49) Tetrachloroethene	9.32	164	13996	0.953	ug/L	91
50) 2-Hexanone	9.48	43	9787	1.632	ug/L #	82
51) Dibromochloromethane	9.32	129	14088	0.901	ug/L #	10
53) Chlorobenzene	10.12	112	769508	18.068	ug/L	92
54) Ethylbenzene	10.23	91	17896135	256.406	ug/L	87
55) m,p-xylene	10.24	106	9602687	352.716	ug/L #	45
56) o-xylene	10.69	106	15826815	629.064	ug/L #	26
57) Styrene	10.70	104	1086112	25.306	ug/L #	1
58) Isopropylbenzene	11.01	105	11202883	159.052	ug/L	97
60) 1,1,2,2-Tetrachloroethane	11.26	83	2339	0.196	ug/L #	33
63) 1,3-Dichlorobenzene	12.02	146	114217	3.611	ug/L	97
64) 1,4-Dichlorobenzene	12.09	146	137707	4.366	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	1085445	36.755	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.96	75	29983	11.913	ug/L #	7
69) 1,2,4-trichlorobenzene	13.63	180	128613	6.363	ug/L #	94
70) Naphthalene	13.82	128	14477237	438.228	ug/L #	86
71) 1,2,3-Trichlorobenzene	14.00	180	60074	3.303	ug/L	97

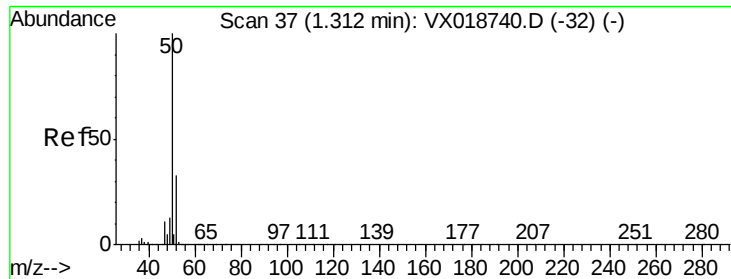
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.313 ug/L

RT: 1.34 min Scan# 41

Delta R.T. 0.02 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

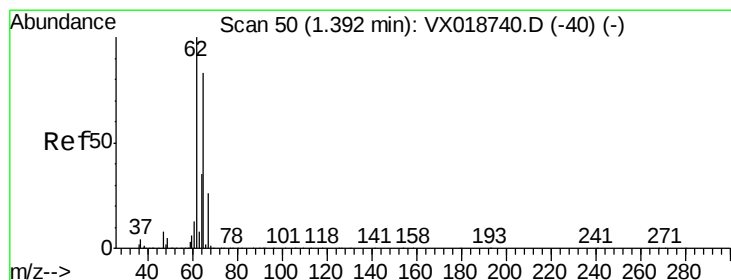
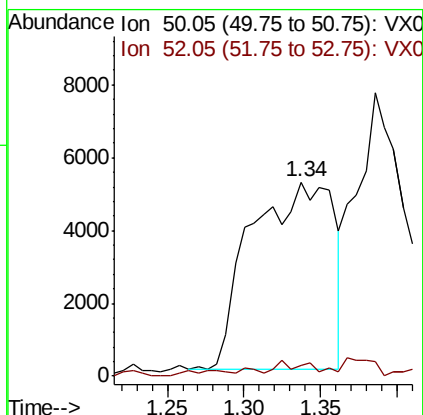
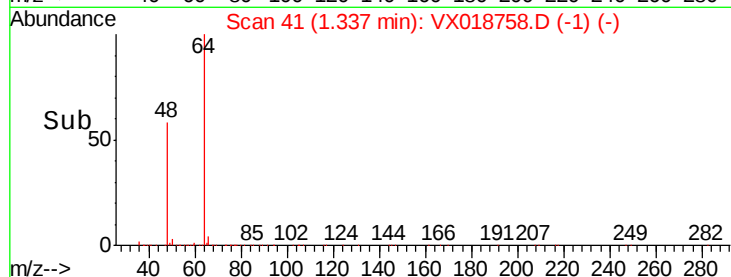
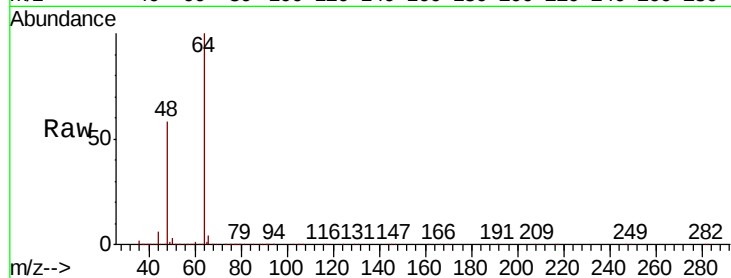
ClientSampleId :

Tot Ion: 50 Resp: 19260

Ion Ratio Lower Upper

50 100

52 5.4 23.4 43.6#



#5

Vinyl chloride

Concen: 29.605 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018758.D

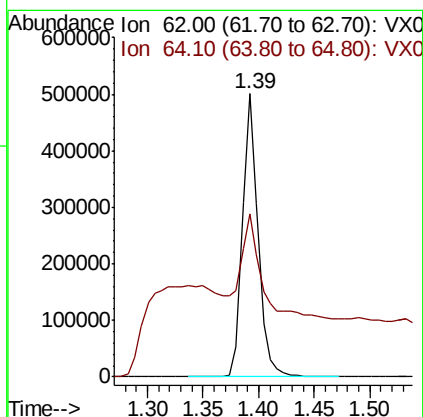
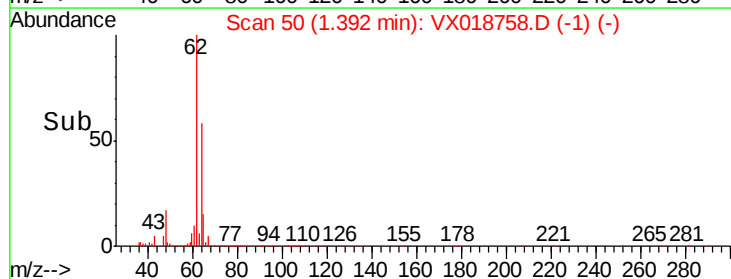
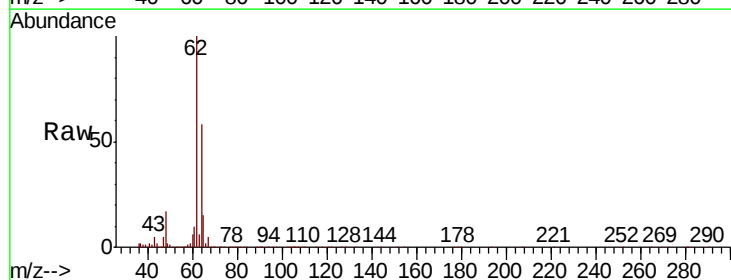
Acq: 02 Oct 2020 19:29

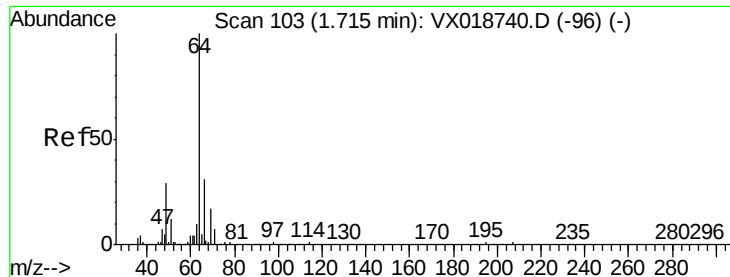
Tgt Ion: 62 Resp: 484507

Ion Ratio Lower Upper

62 100

64 57.8 24.3 45.1#





#8

Chloroethane

Concen: 7.829 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

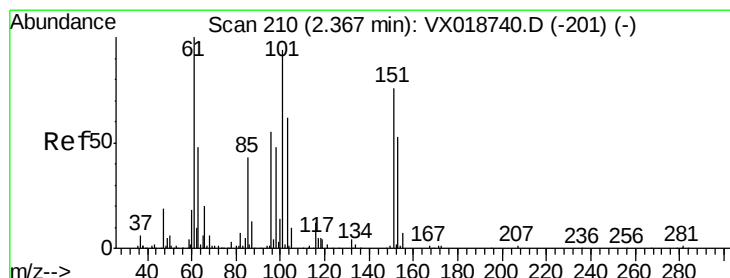
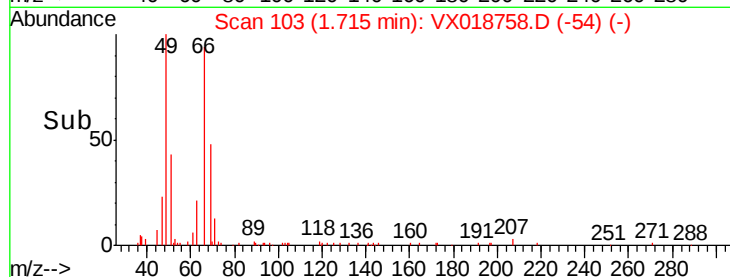
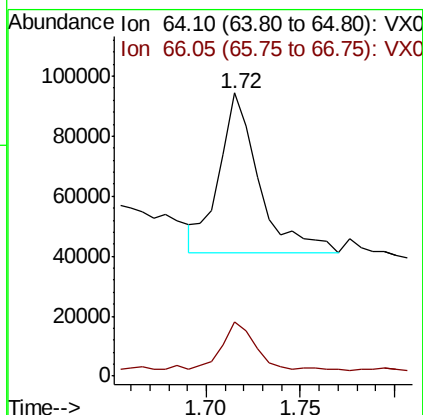
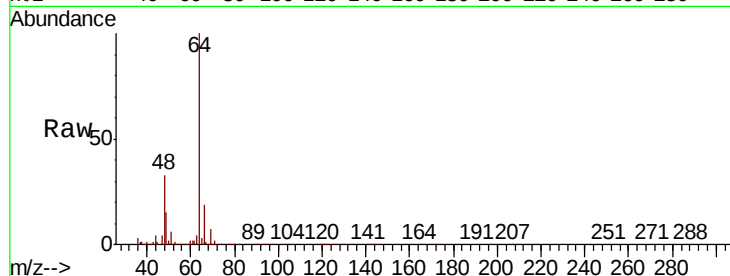
ClientSampleId :

Tot Ion: 64 Resp: 77716

Ion Ratio Lower Upper

64 100

66 19.3 21.5 39.9#



#10

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

Concen: 0.302 ug/L

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

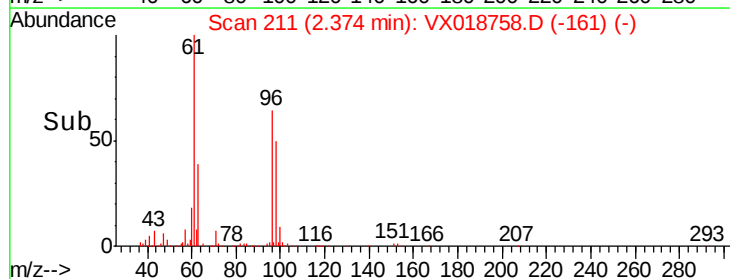
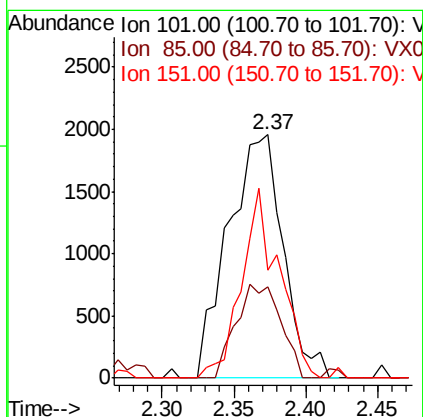
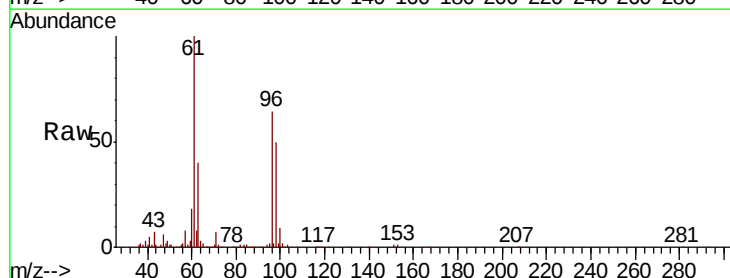
Tgt Ion: 101 Resp: 5145

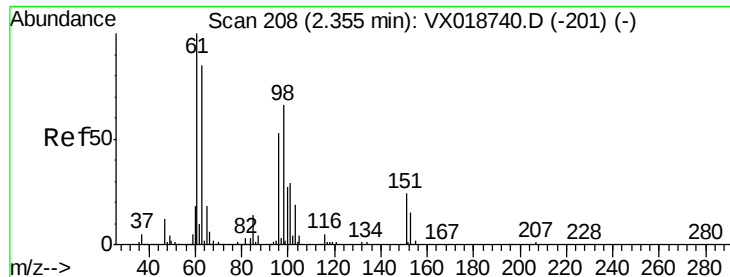
Ion Ratio Lower Upper

101 100

85 31.5 37.1 55.7#

151 53.8 65.0 97.6#





#12

1,1-Dichloroethene

Concen: 21.507 ug/L

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :

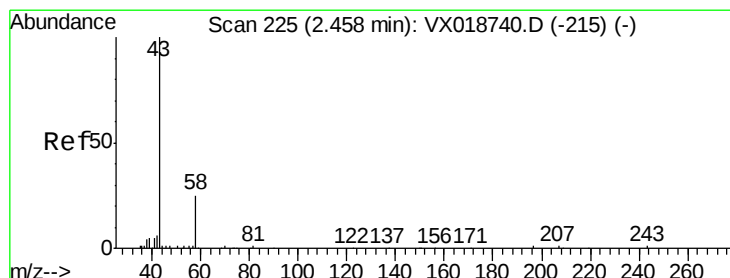
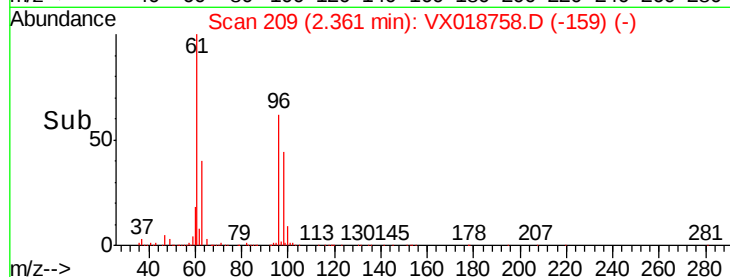
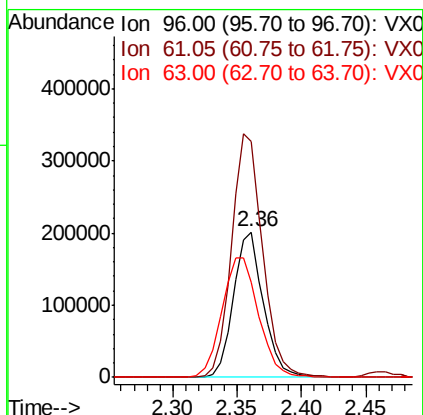
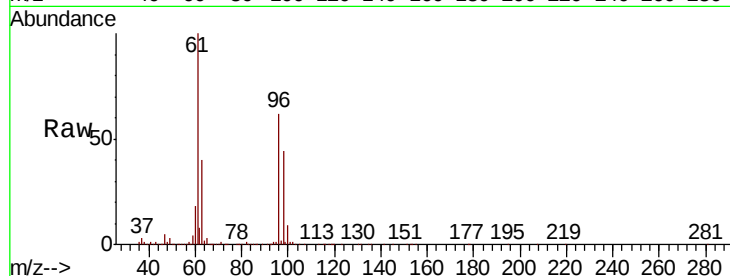
Tot Ion: 96 Resp: 324951

Ion Ratio Lower Upper

96 100

61 162.3 133.2 247.4

63 65.1 115.1 213.7#



#13

Acetone

Concen: 12.611 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: VX018758.D

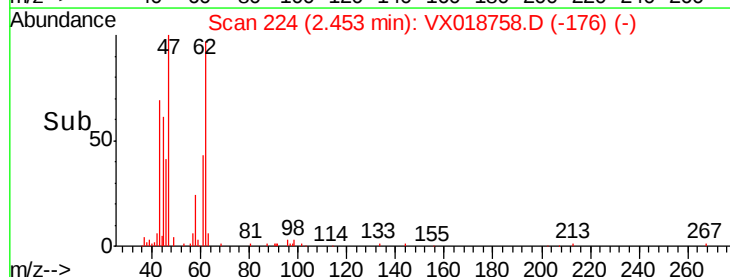
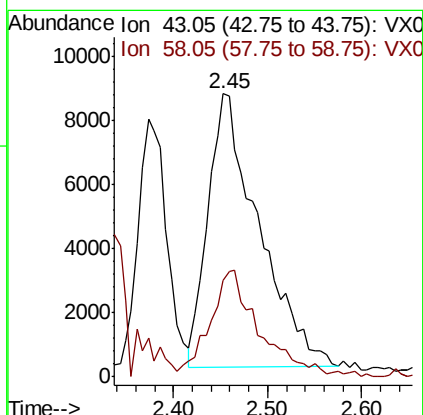
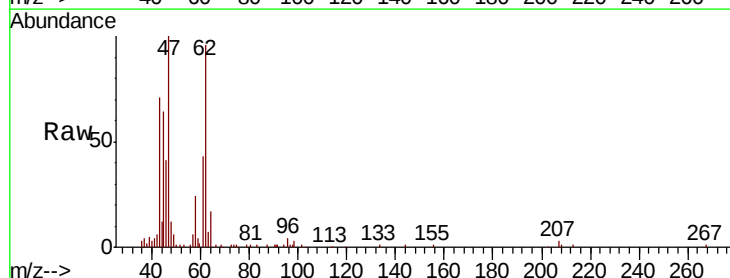
Acq: 02 Oct 2020 19:29

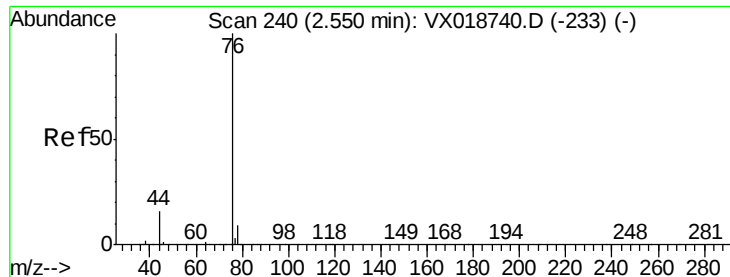
Tgt Ion: 43 Resp: 31997

Ion Ratio Lower Upper

43 100

58 34.6 0.0 56.4





#14

Carbon disulfide

Concen: 0.916 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

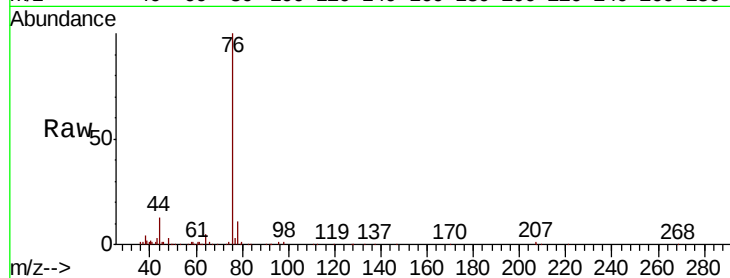
ClientSampled :

Tot Ion: 76 Resp: 43293

Ion Ratio Lower Upper

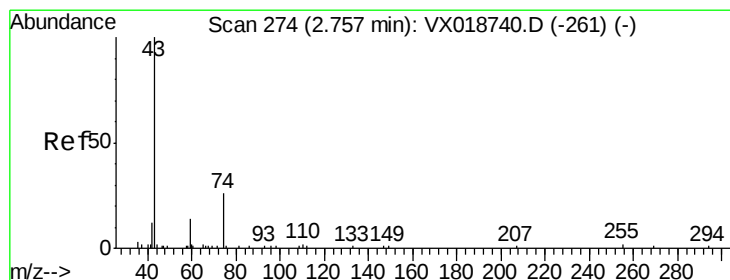
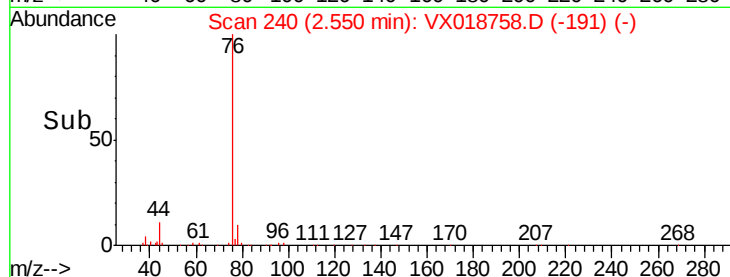
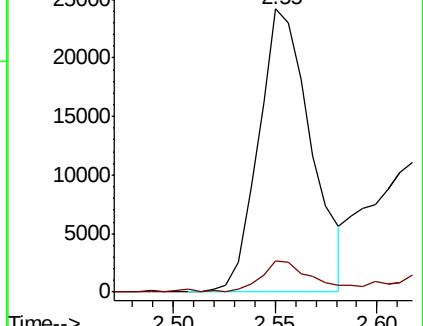
76 100

78 10.9 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: 2218.041 ug/L

RT: 2.87 min Scan# 293

Delta R.T. 0.12 min

Lab File: VX018758.D

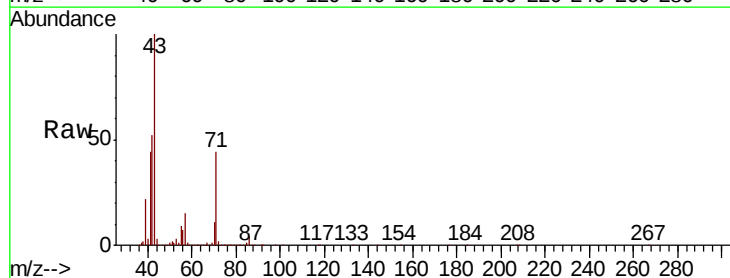
Acq: 02 Oct 2020 19:29

Tgt Ion: 43 Resp: 13831840

Ion Ratio Lower Upper

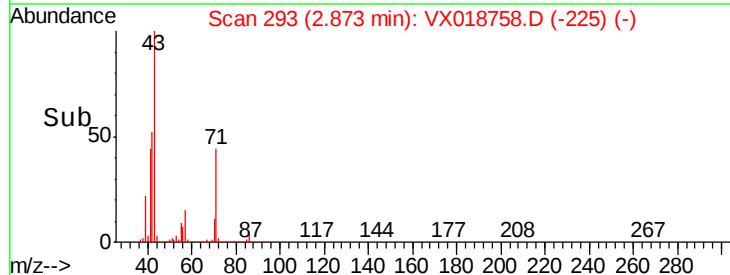
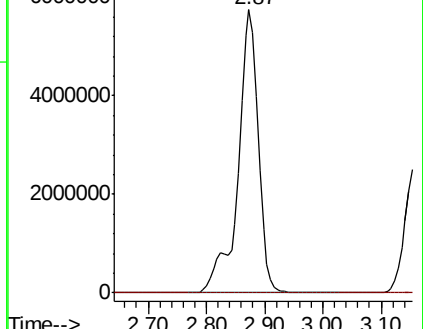
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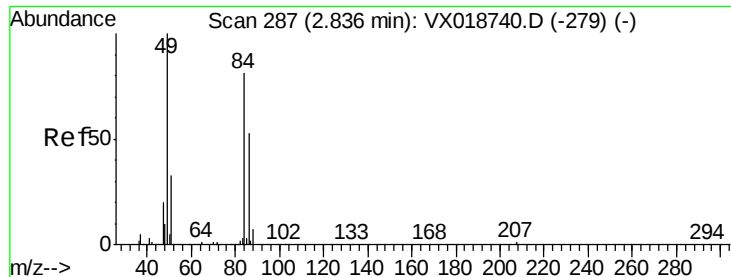
74 0.1 21.9 32.9#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0

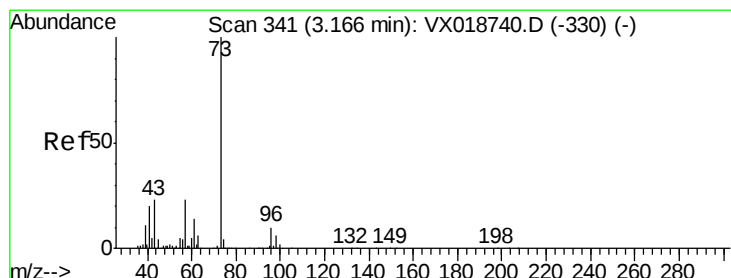
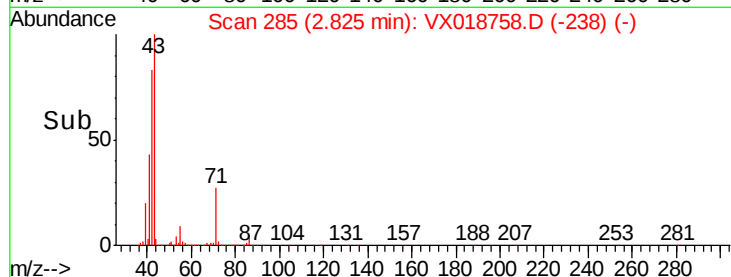
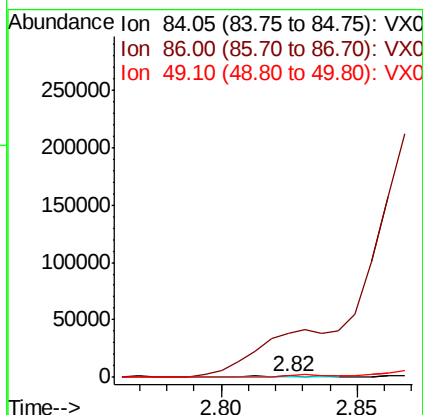
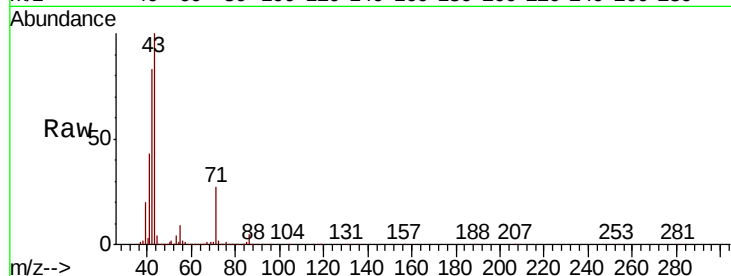




#16
Methylene chloride
Concen: 0.150 ug/L
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

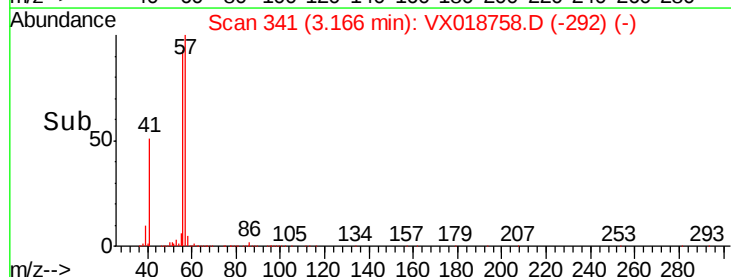
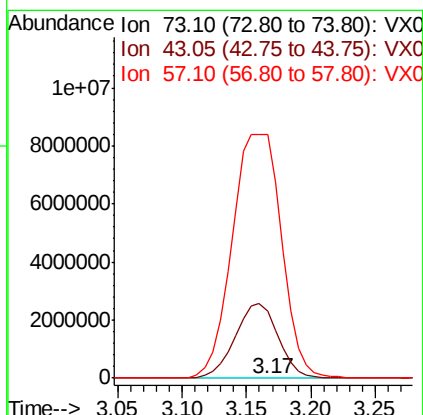
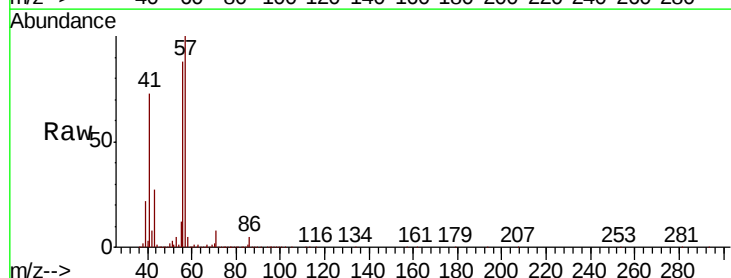
Instrument :
MSVOA_X
ClientSampled :

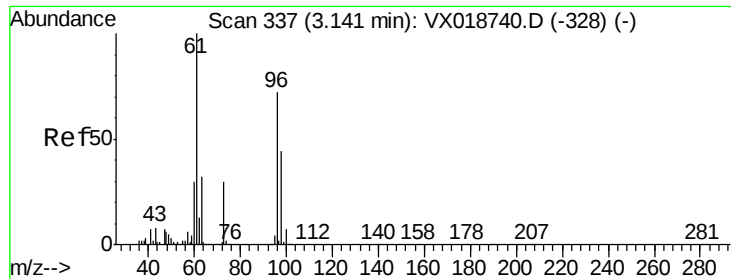
Tot Ion: 84 Resp: 2747
Ion Ratio Lower Upper
84 100
86 3356.9 45.6 84.8#
49 131.5 85.8 159.3



#17
Methyl tert-butyl Ether
Concen: 0.174 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

Tgt Ion: 73 Resp: 6772
Ion Ratio Lower Upper
73 100
43 88171.2 19.4 29.0#
57 330846.5 17.2 25.8#

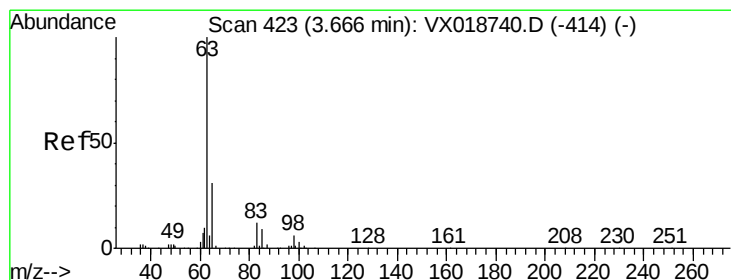
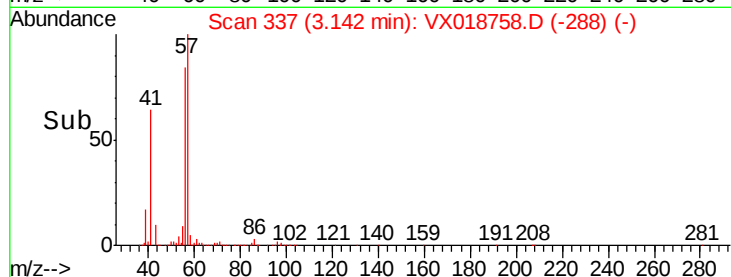
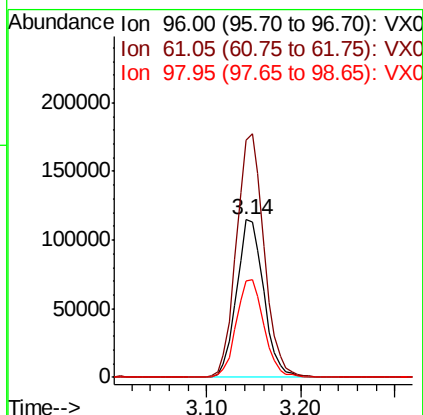
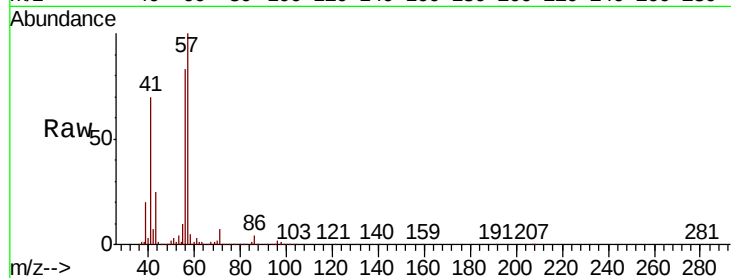




#18
trans-1,2-Dichloroethene
Concen: 14.291 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

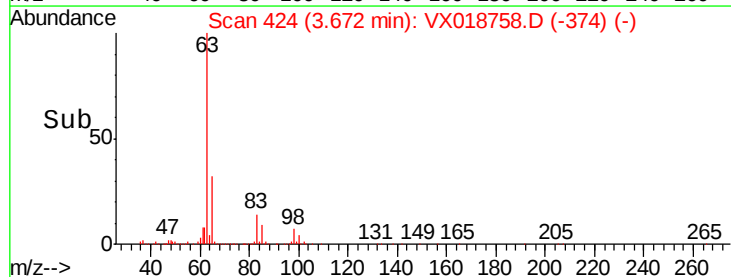
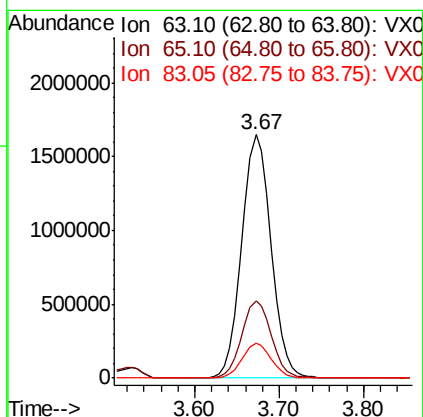
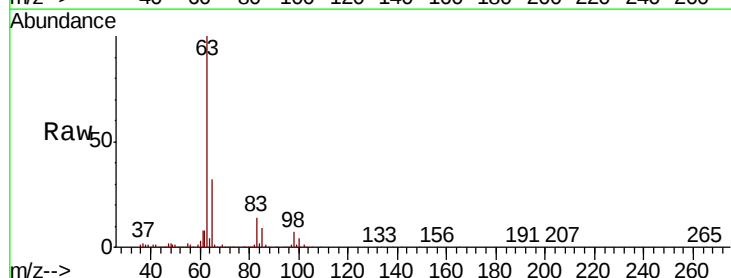
Instrument :
MSVOA_X
ClientSampleId :

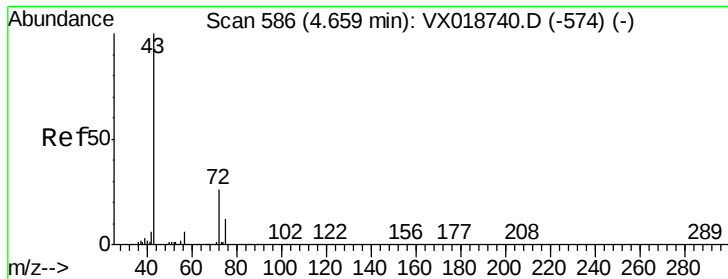
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	97.6	181.4
98	61.4	43.1	80.1



#19
1,1-Dichloroethane
Concen: 134.623 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.6	40.2
83	14.2	8.7	16.1





#21

2-Butanone

Concen: 641.850 ug/L

RT: 4.40 min Scan# 543

Delta R.T. -0.26 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

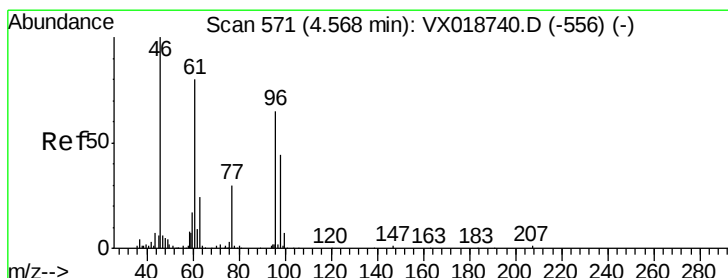
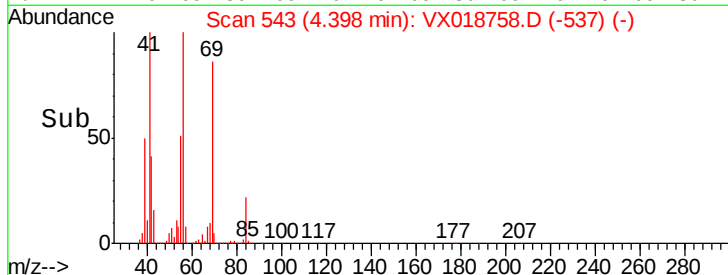
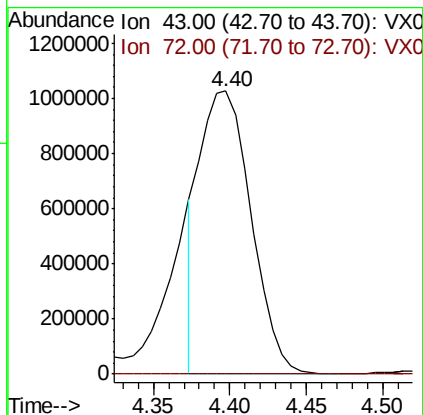
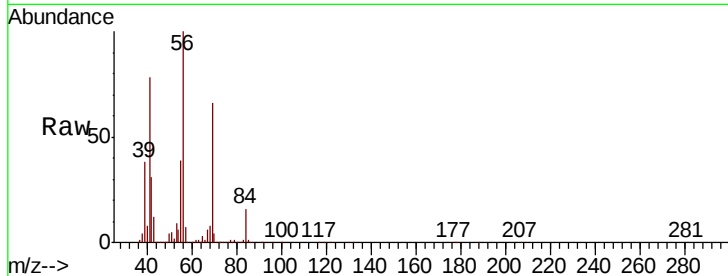
ClientSampleId :

Tot Ion: 43 Resp: 2370775

Ion Ratio Lower Upper

43 100

72 11.9 12.4 37.2#



#22

cis-1,2-Dichloroethene

Concen: 1507.771 ug/L

RT: 4.57 min Scan# 572

Delta R.T. 0.01 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

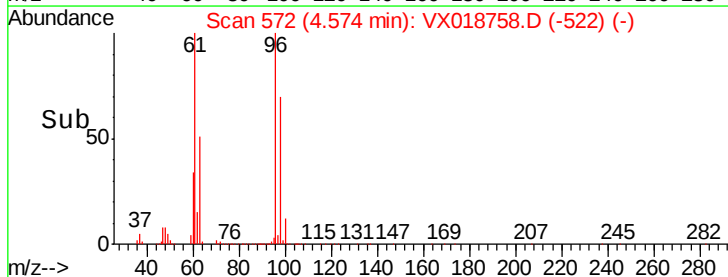
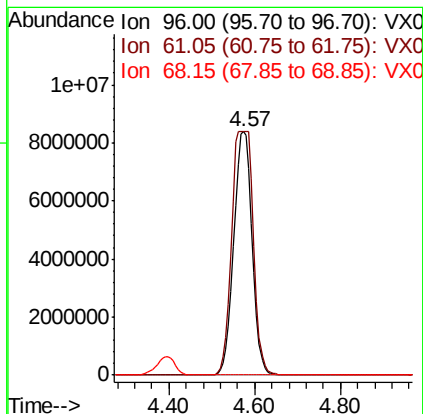
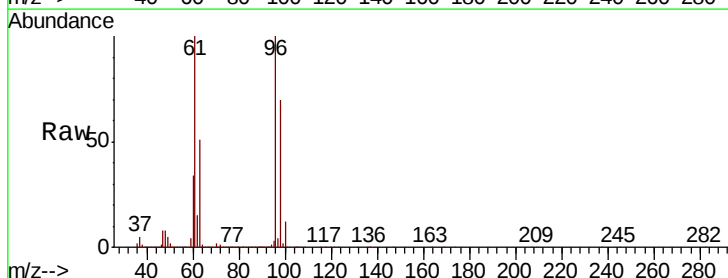
Tgt Ion: 96 Resp: 25155938

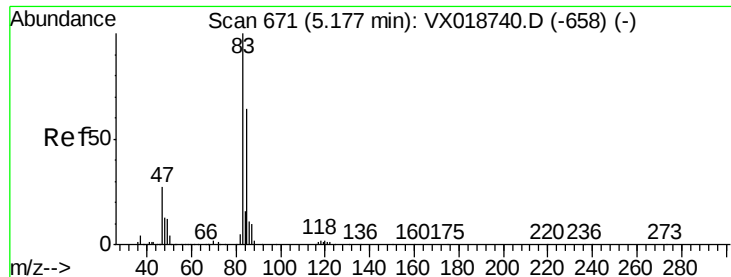
Ion Ratio Lower Upper

96 100

61 100.0 86.2 160.0

68 0.0 0.3 0.7#





#25

Chloroform

Concen: 0.173 ug/L

RT: 5.26 min Scan# 685

Delta R.T. 0.09 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

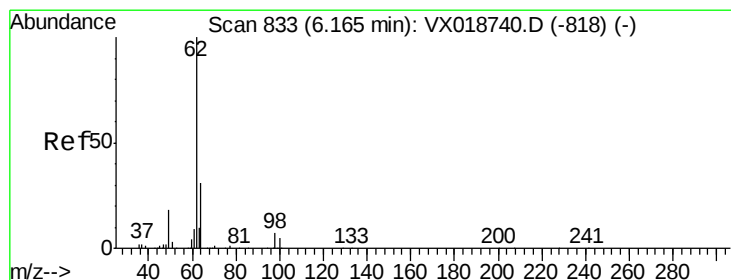
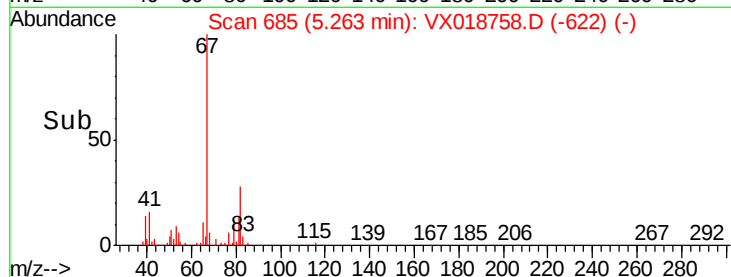
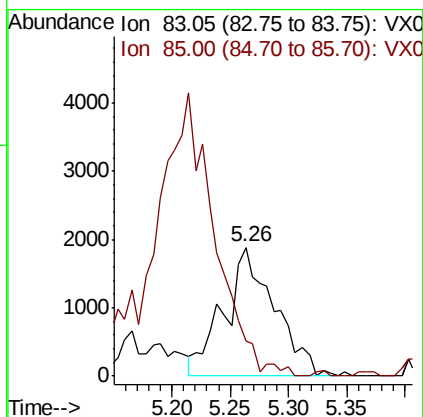
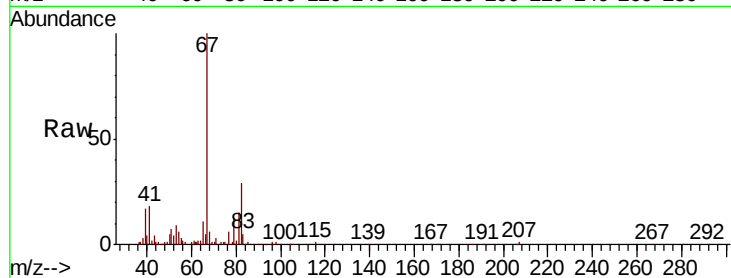
ClientSampleId :

Tot Ion: 83 Resp: 5677

Ion Ratio Lower Upper

83 100

85 26.7 44.6 82.8#



#27

1,2-Dichloroethane

Concen: 0.132 ug/L

RT: 6.17 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX018758.D

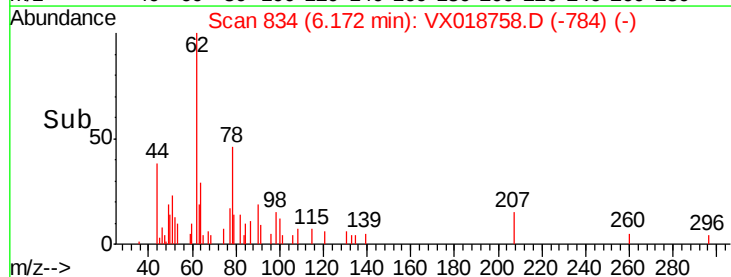
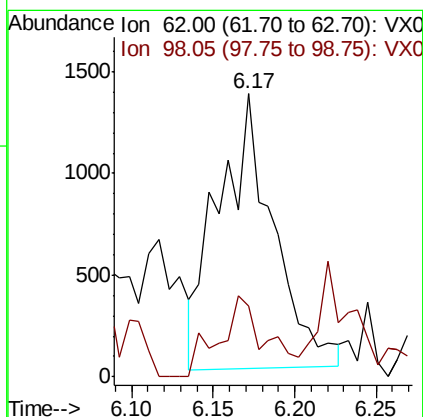
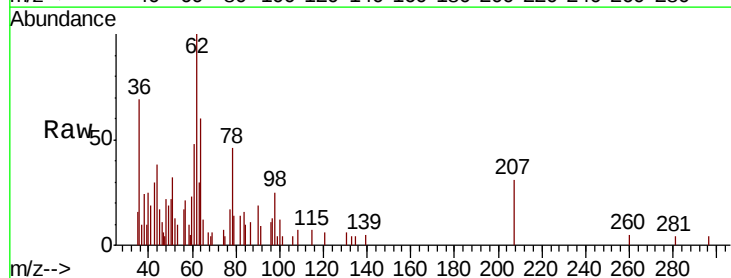
Acq: 02 Oct 2020 19:29

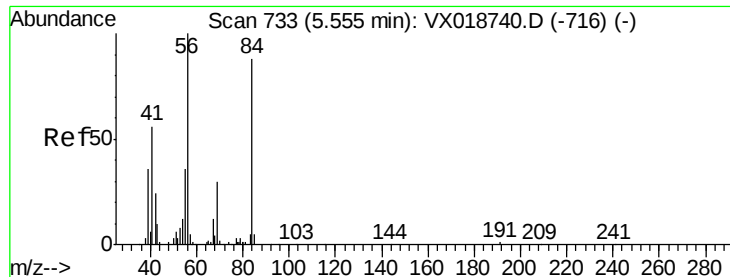
Tgt Ion: 62 Resp: 3154

Ion Ratio Lower Upper

62 100

98 25.1 5.8 8.8#

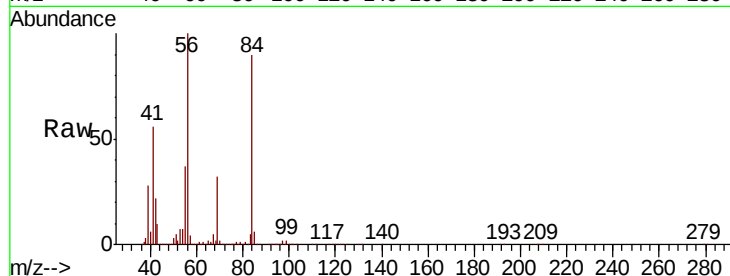




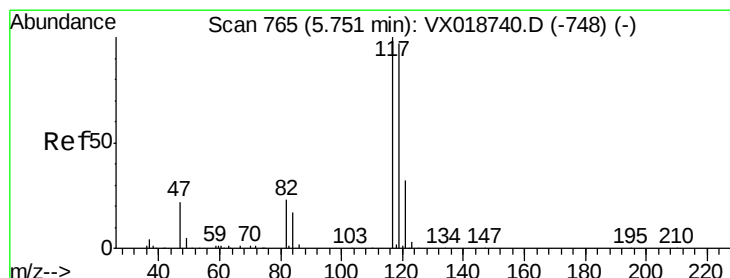
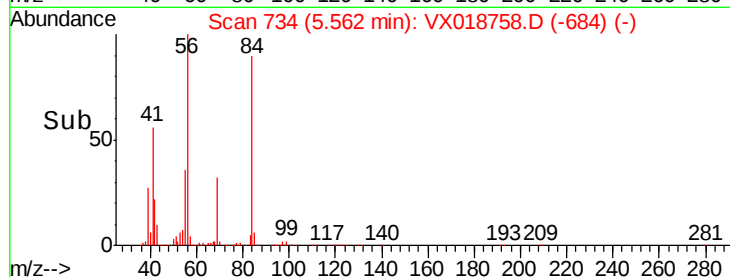
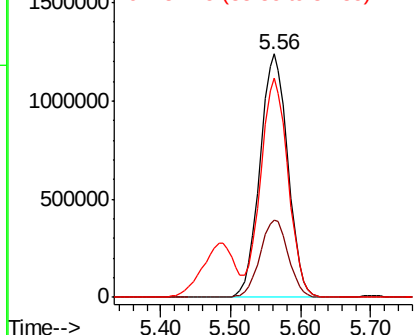
#30
Cyclohexane
Concen: 153.704 ug/L
RT: 5.56 min Scan# 734
Delta R.T. 0.01 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 3426721
Ion Ratio Lower Upper
56 100
69 32.1 26.0 39.0
84 88.1 73.8 110.6

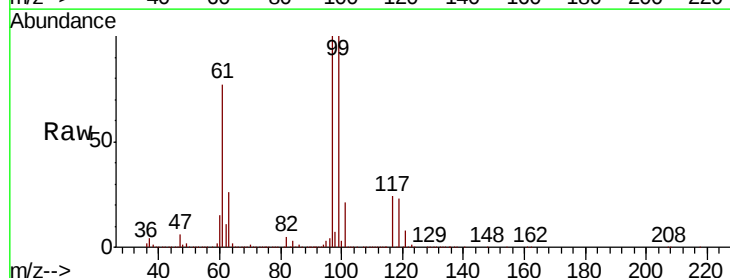


Abundance Ion 56.10 (55.80 to 56.80): VX0
Ion 69.15 (68.85 to 69.85): VX0
Ion 84.15 (83.85 to 84.85): VX0

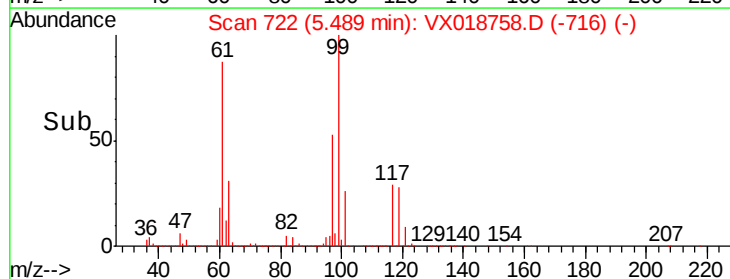
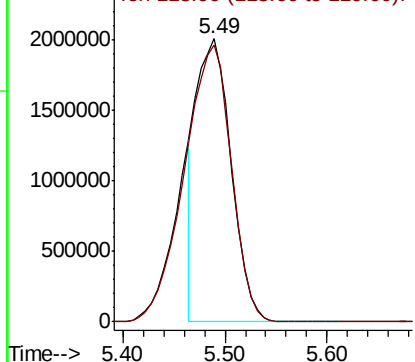


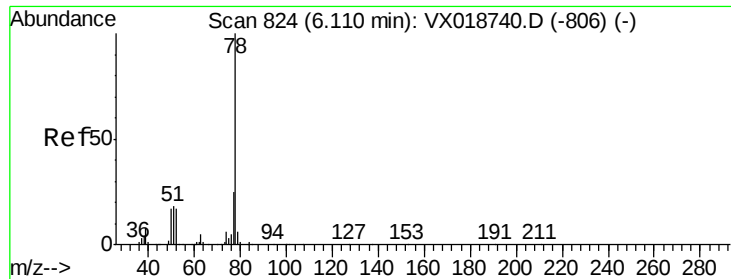
#31
Carbon tetrachloride
Concen: 161.205 ug/L
RT: 5.49 min Scan# 722
Delta R.T. -0.26 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

Tgt Ion:117 Resp: 4779176
Ion Ratio Lower Upper
117 100
119 98.5 76.0 114.0



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

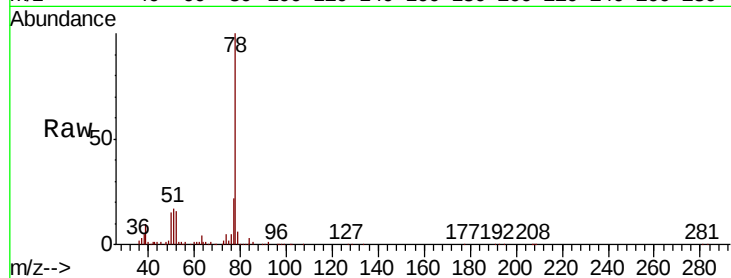




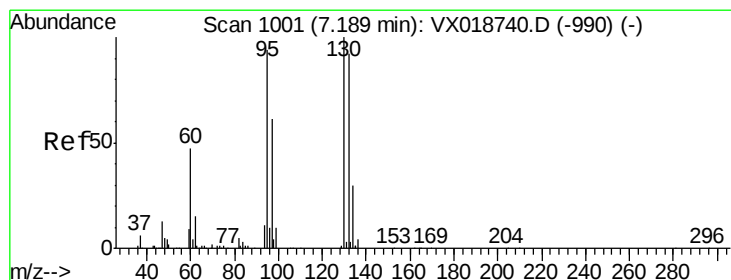
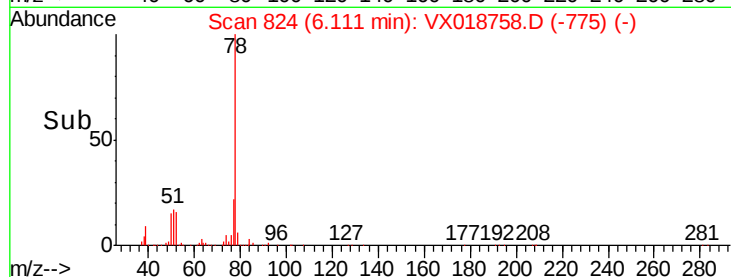
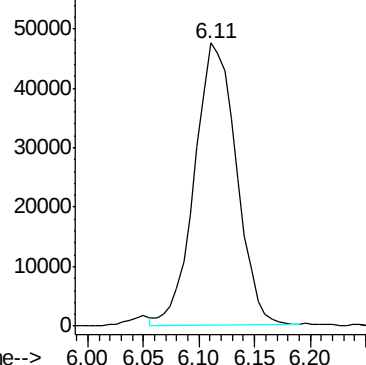
#33
Benzene
Concen: 2.178 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 123924



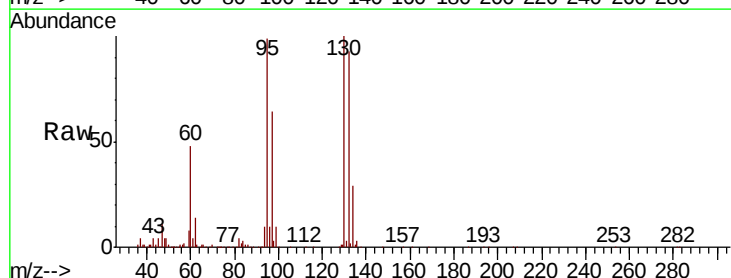
Abundance Ion 78.10 (77.80 to 78.80): VX0



#34
Trichloroethene
Concen: 16.420 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

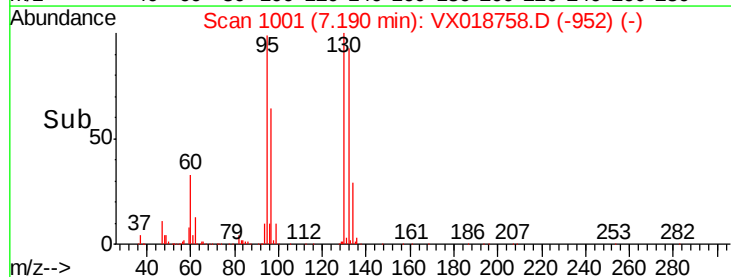
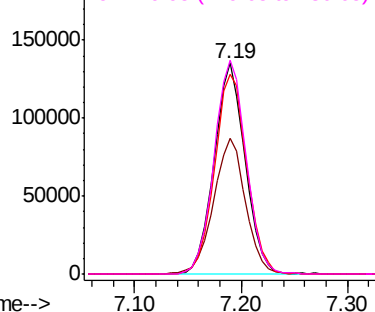
Tgt Ion: 95 Resp: 275864

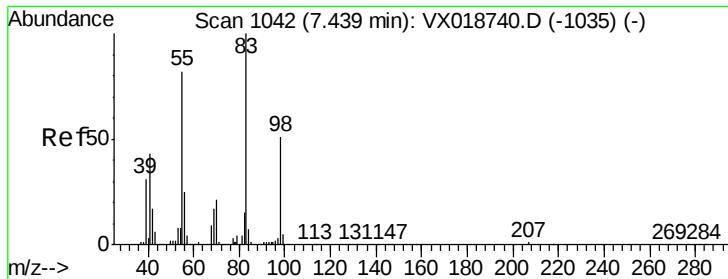
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.3	84.1
132	94.8	68.6	127.4
130	101.4	74.5	138.3



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

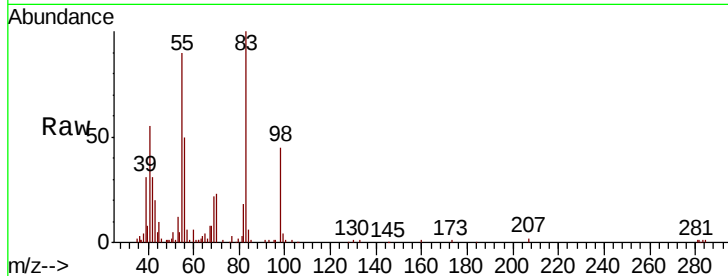




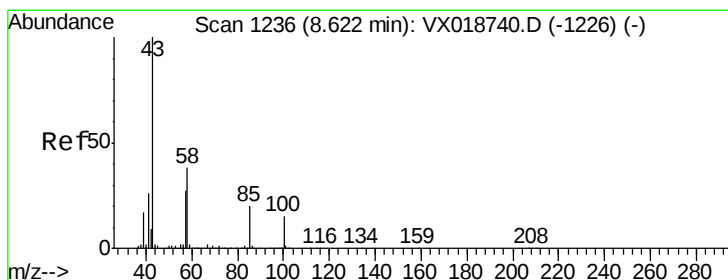
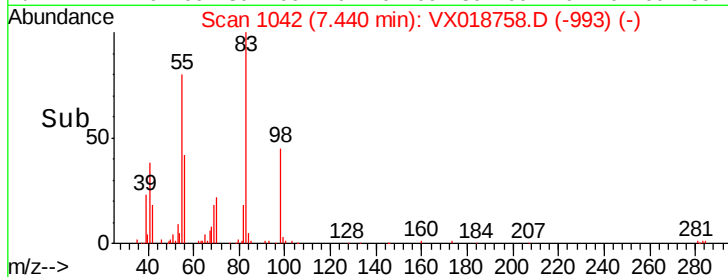
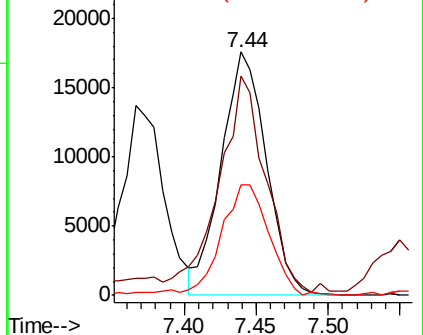
#35
Methylcyclohexane
Concen: 1.610 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 38319
Ion Ratio Lower Upper
83 100
55 91.7 60.3 90.5#
98 49.3 39.4 59.0

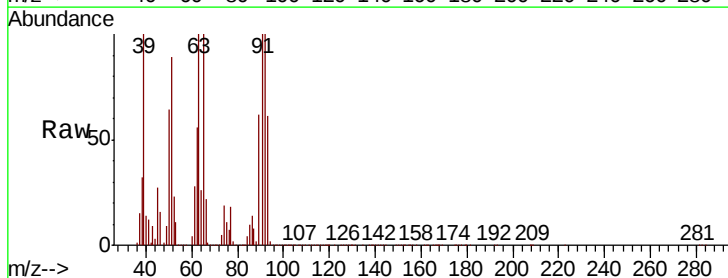


Abundance Ion 83.15 (82.85 to 83.85): VX0
Ion 55.10 (54.80 to 55.80): VX0
Ion 98.15 (97.85 to 98.85): VX0

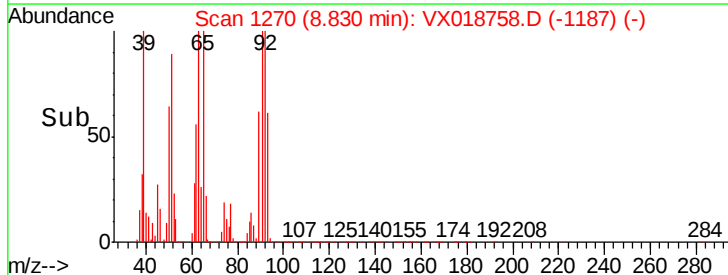
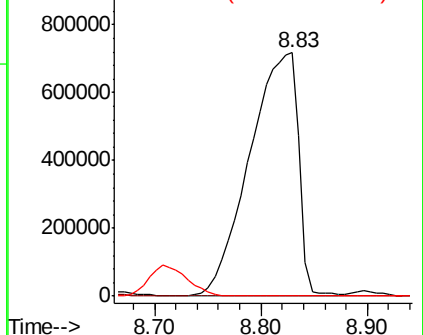


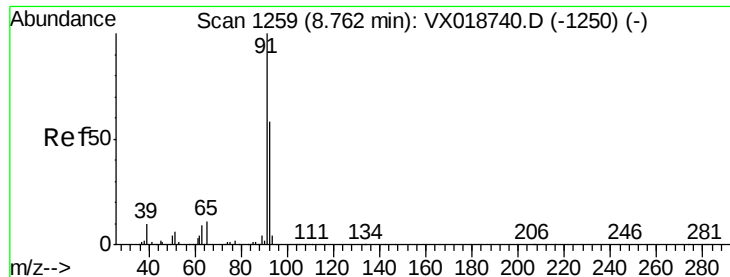
#40
4-Methyl-2-pentanone
Concen: 278.218 ug/L
RT: 8.83 min Scan# 1270
Delta R.T. 0.21 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

Tgt Ion: 43 Resp: 2297559
Ion Ratio Lower Upper
43 100
58 0.0 30.8 46.2#
100 0.0 13.2 19.8#



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





#42

Toluene

Concen: 308.511 ug/L

RT: 8.82 min Scan# 1269

Delta R.T. 0.06 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

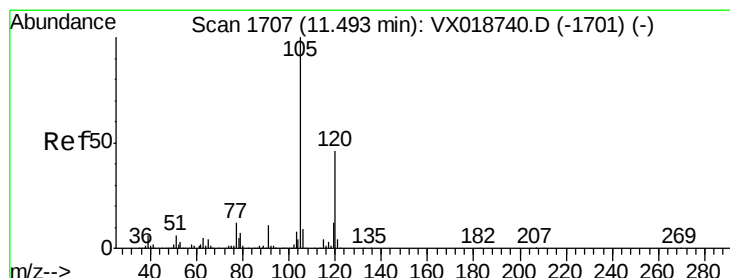
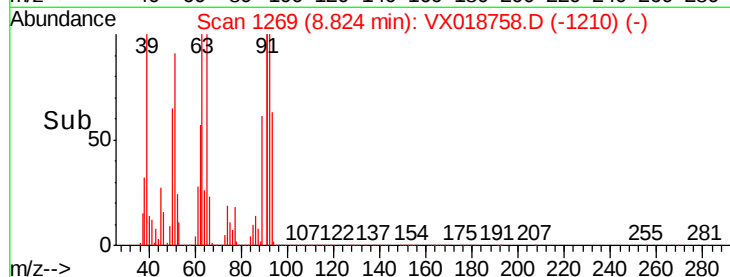
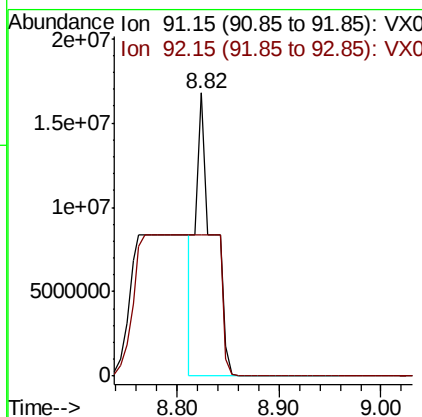
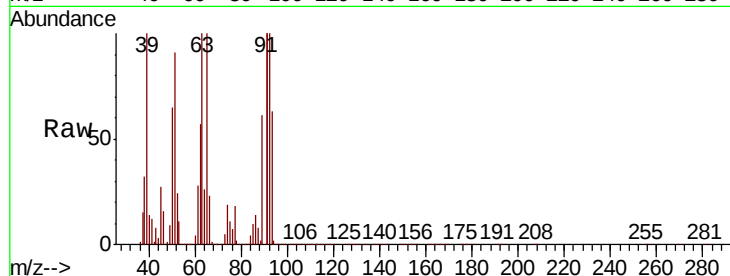
ClientSampleId :

Tot Ion: 91 Resp:19208750

Ion Ratio Lower Upper

91 100

92 50.0 40.3 74.9



#43

1,3,5-Trimethylbenzene

Concen: 52.908 ug/L

RT: 11.50 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VX018758.D

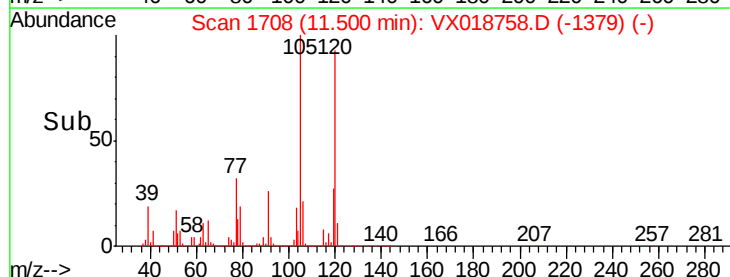
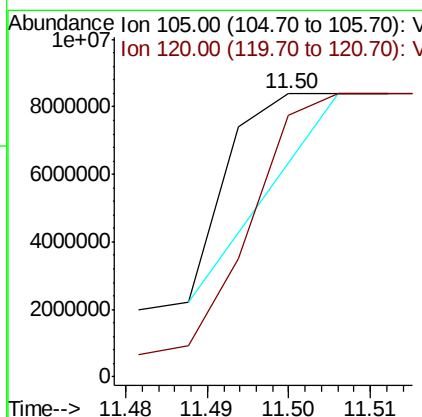
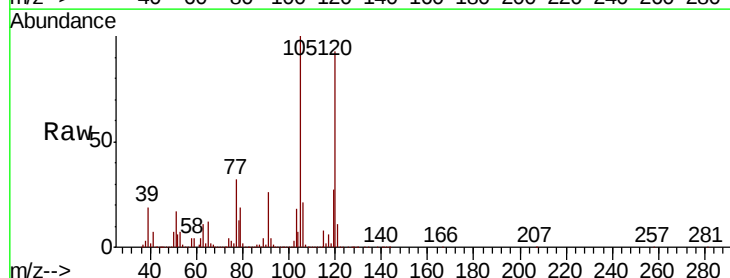
Acq: 02 Oct 2020 19:29

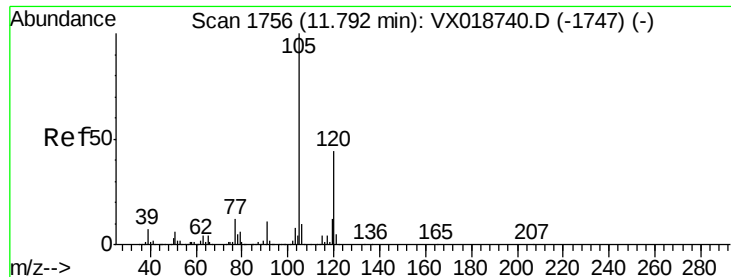
Tgt Ion:105 Resp: 3117797

Ion Ratio Lower Upper

105 100

120 508.0 37.7 56.5#

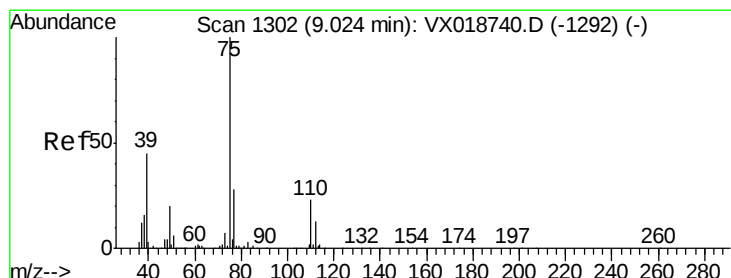
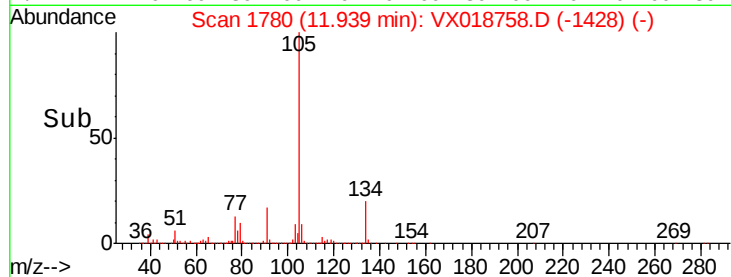
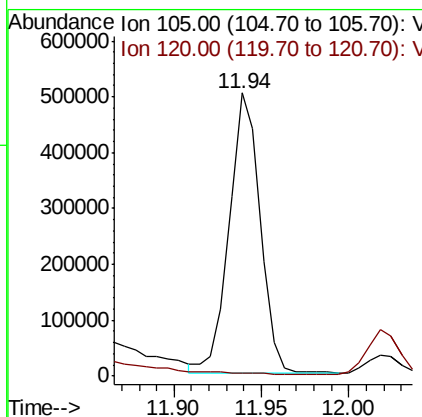
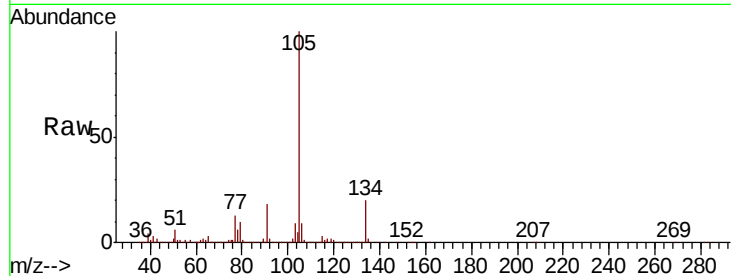




#44
 1,2,4-Trimethylbenzene
 Concen: 10.249 ug/L
 RT: 11.94 min Scan# 1780
 Delta R.T. 0.15 min
 Lab File: VX018758.D
 Acq: 02 Oct 2020 19:29

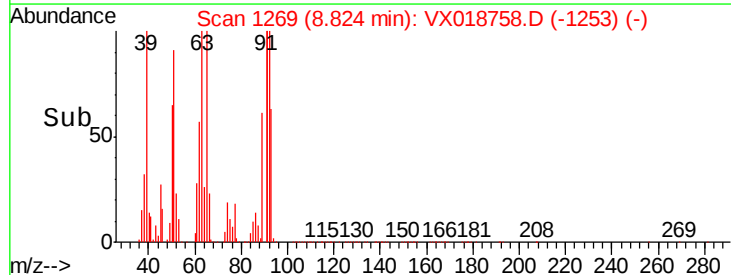
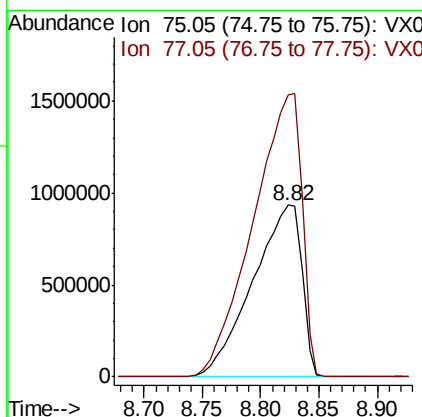
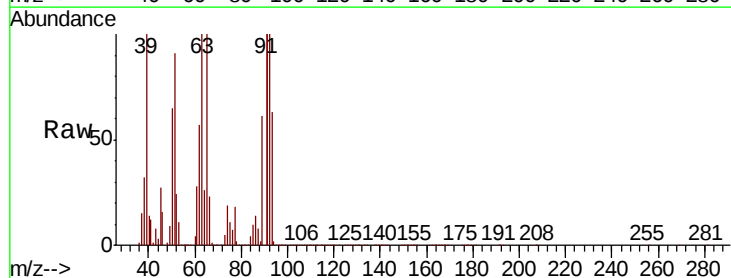
Instrument :
 MSVOA_X
 ClientSampleId :

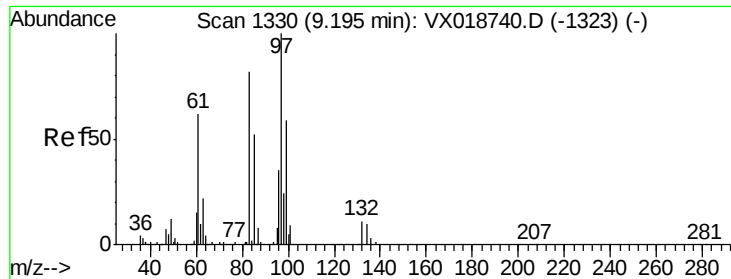
Tot Ion:105 Resp: 613042
 Ion Ratio Lower Upper
 105 100
 120 2384.7 35.1 52.7#



#46
 trans-1,3-Dichloropropene
 Concen: 130.172 ug/L
 RT: 8.82 min Scan# 1269
 Delta R.T. -0.20 min
 Lab File: VX018758.D
 Acq: 02 Oct 2020 19:29

Tgt Ion: 75 Resp: 2734563
 Ion Ratio Lower Upper
 75 100
 77 164.1 19.9 37.0#





#47

1,1,2-Trichloroethane

Concen: 0.388 ug/L

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 4169

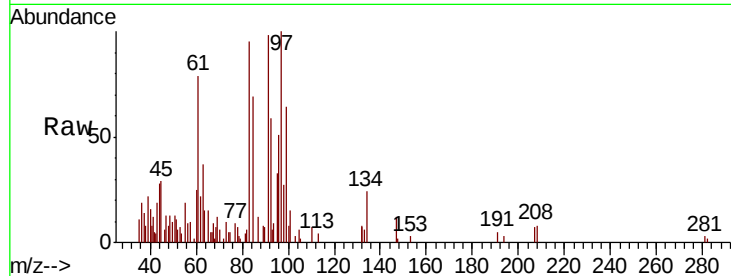
Ion Ratio Lower Upper

97 100

99 63.6 41.1 76.3

83 94.5 57.5 106.7

85 68.6 36.9 68.5#



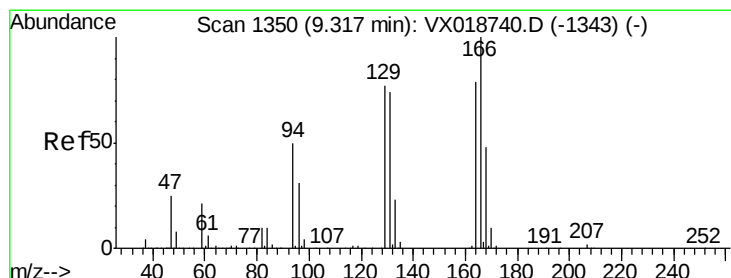
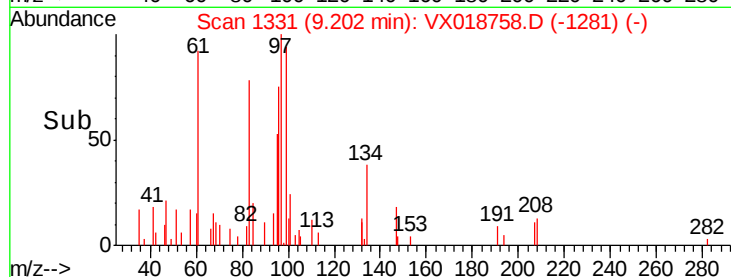
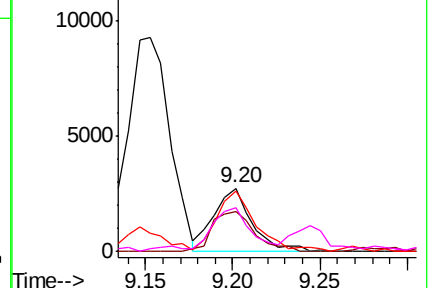
Abundance

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: 0.953 ug/L

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Tgt Ion:164 Resp: 13996

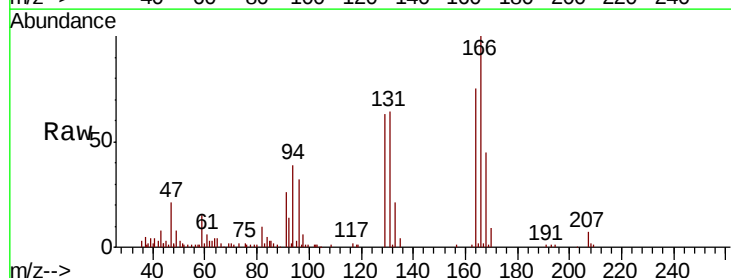
Ion Ratio Lower Upper

164 100

129 84.1 68.7 127.5

131 84.5 65.3 121.3

166 133.1 88.5 164.4



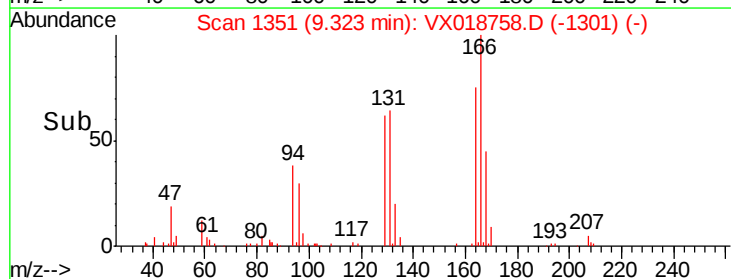
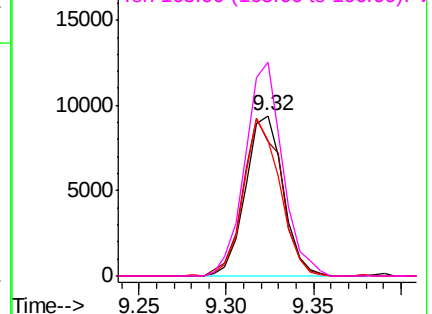
Abundance

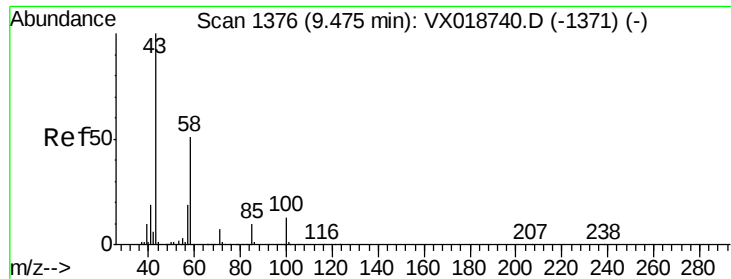
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

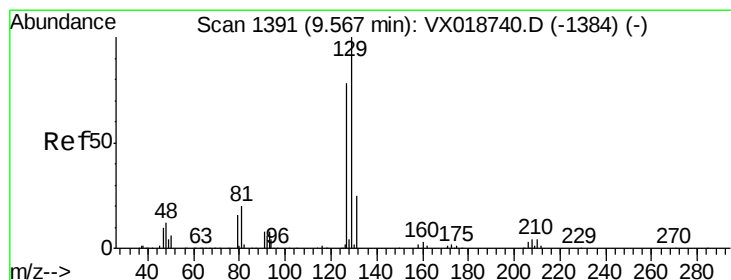
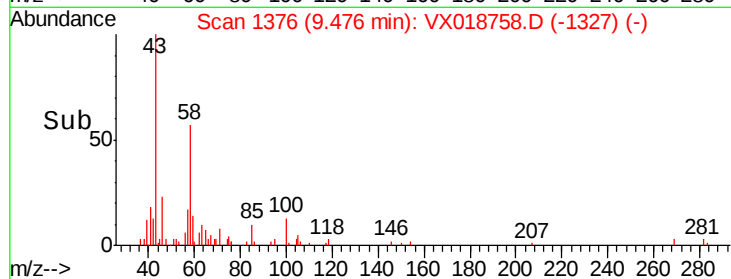
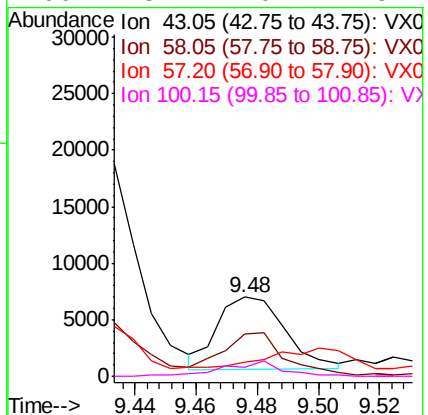
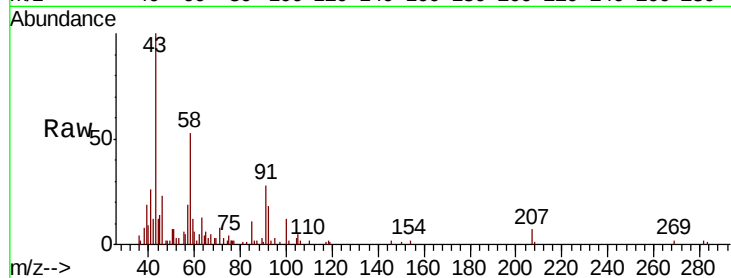




#50
2-Hexanone
Concen: 1.632 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

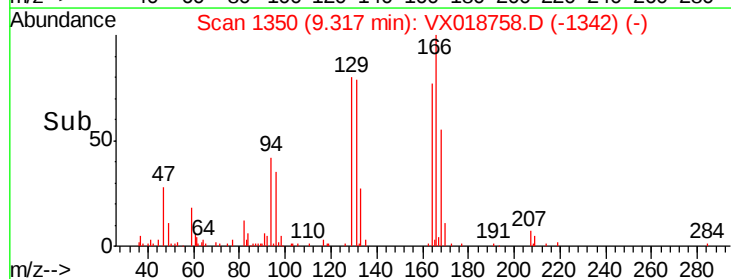
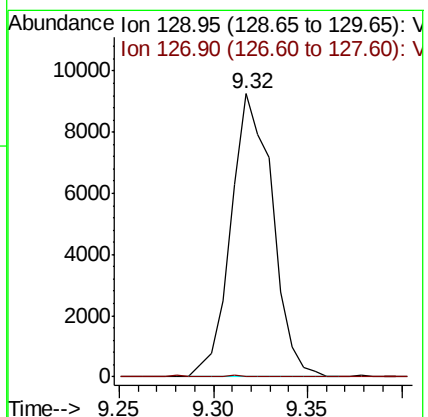
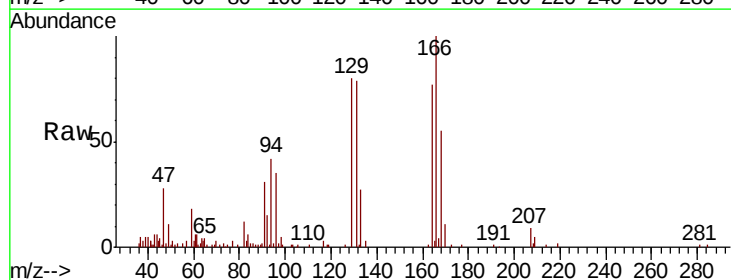
Instrument :
MSVOA_X
ClientSampleId :

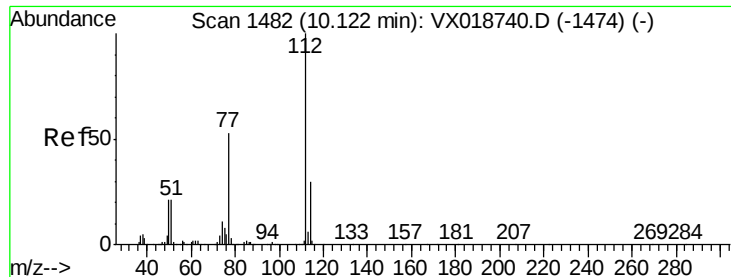
Tot Ion: 43 Resp: 9787
Ion Ratio Lower Upper
43 100
58 57.3 41.0 61.4
57 0.0 15.9 23.9#
100 18.4 10.1 15.1#



#51
Dibromochloromethane
Concen: 0.901 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX018758.D
Acq: 02 Oct 2020 19:29

Tgt Ion:129 Resp: 14088
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#53

Chlorobenzene

Concen: 18.068 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampled :

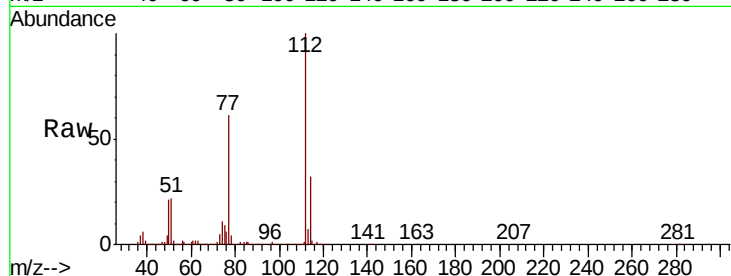
Tot Ion:112 Resp: 769508

Ion Ratio Lower Upper

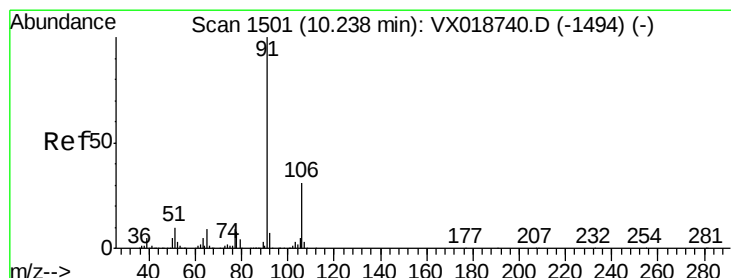
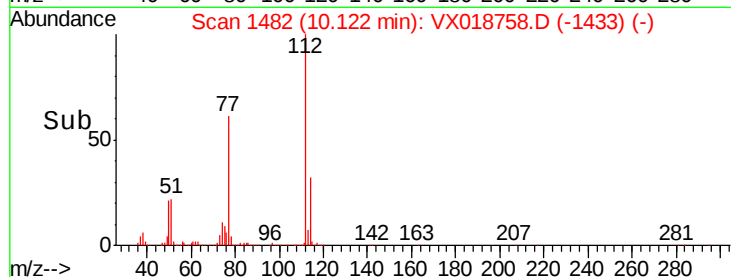
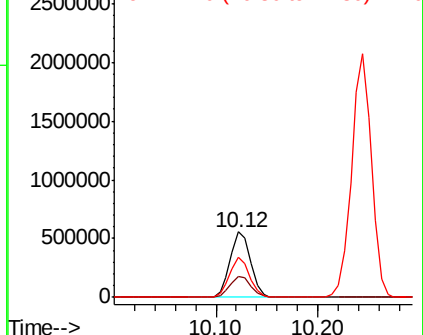
112 100

114 32.0 21.3 39.5

77 60.5 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: 256.406 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018758.D

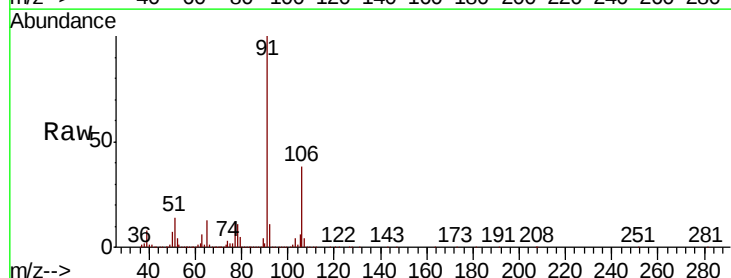
Acq: 02 Oct 2020 19:29

Tgt Ion: 91 Resp:17896135

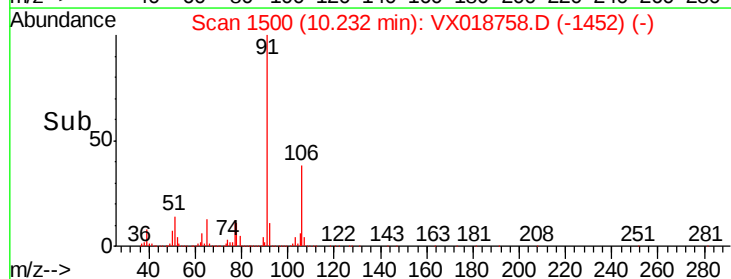
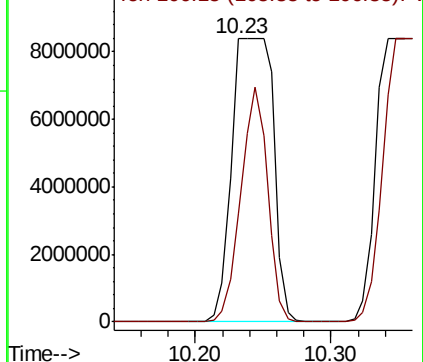
Ion Ratio Lower Upper

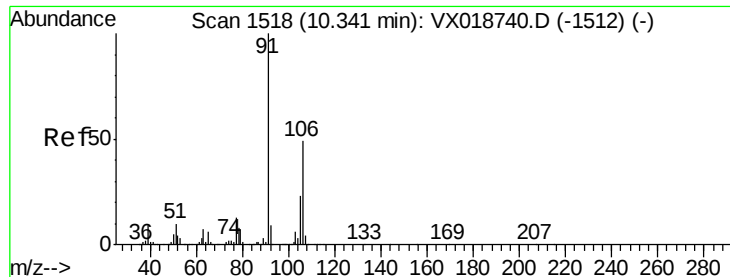
91 100

106 38.0 21.5 39.9



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





#55

m,p-xylene

Concen: 352.716 ug/L

RT: 10.24 min Scan# 1502

Delta R.T. -0.10 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

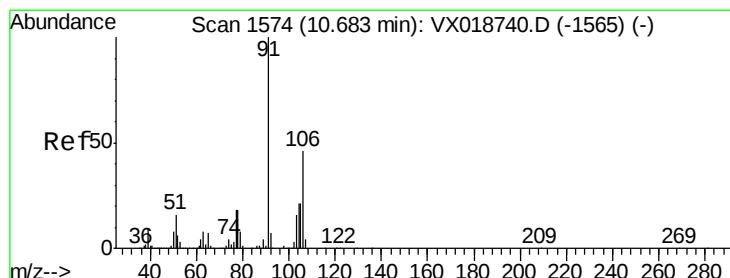
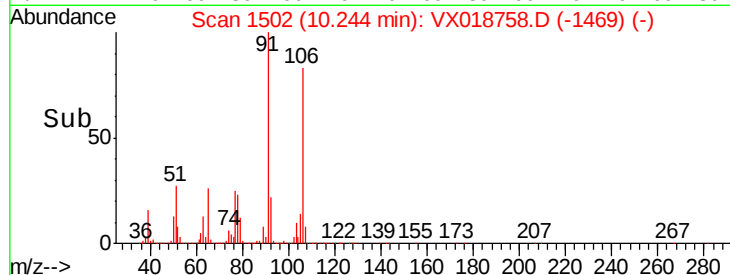
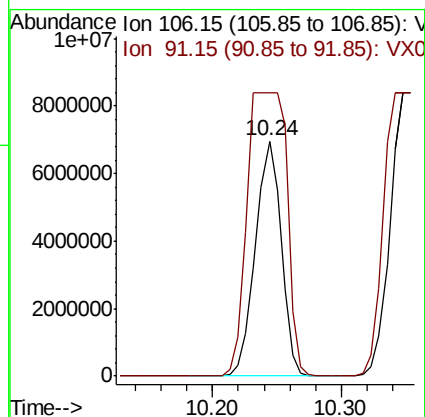
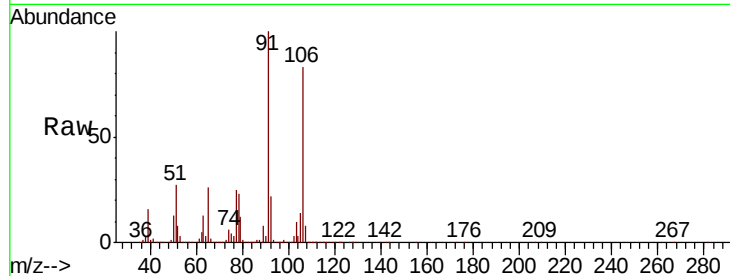
ClientSampleId :

Tot Ion:106 Resp: 9602687

Ion Ratio Lower Upper

106 100

91 120.4 143.4 266.2#



#56

o-xylene

Concen: 629.064 ug/L

RT: 10.69 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VX018758.D

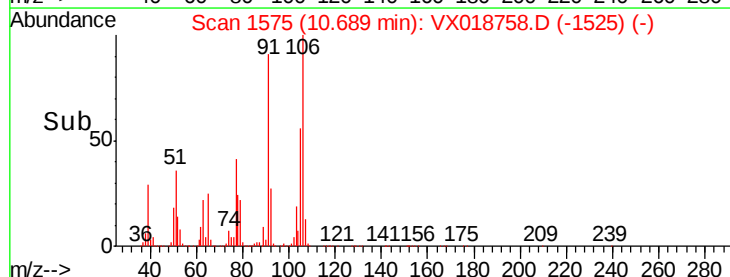
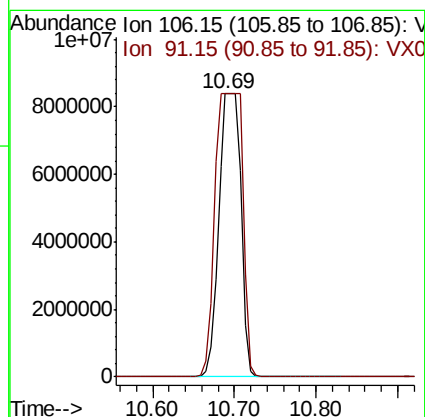
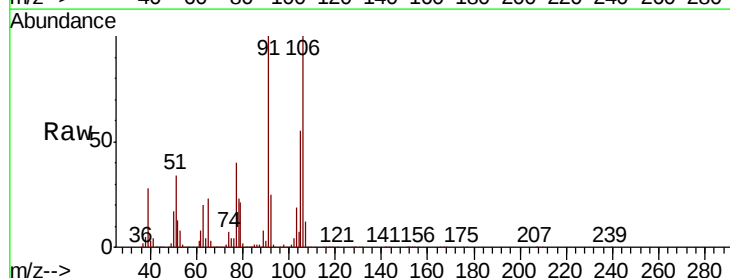
Acq: 02 Oct 2020 19:29

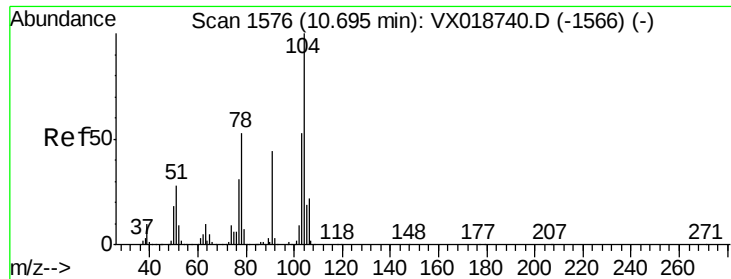
Tgt Ion:106 Resp:15826815

Ion Ratio Lower Upper

106 100

91 100.0 153.4 284.8#





#57

Stvrene

Concen: 25.306 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

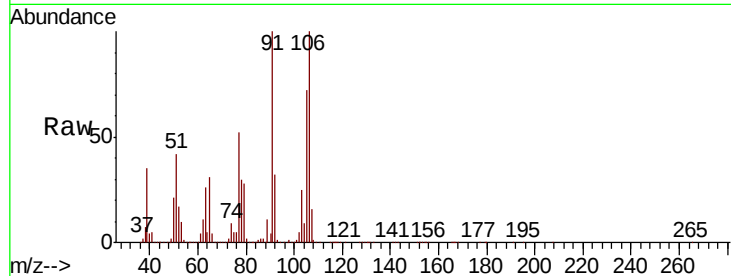
ClientSampled :

Tot Ion:104 Resp: 1086112

Ion Ratio Lower Upper

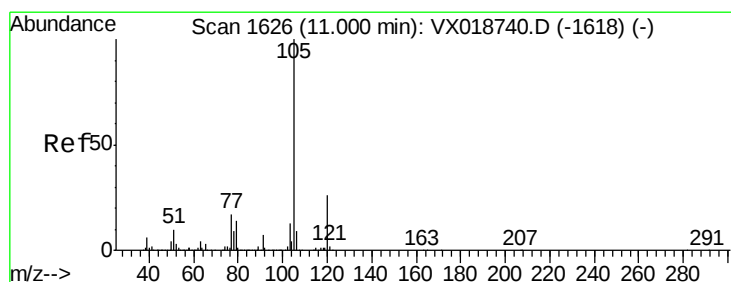
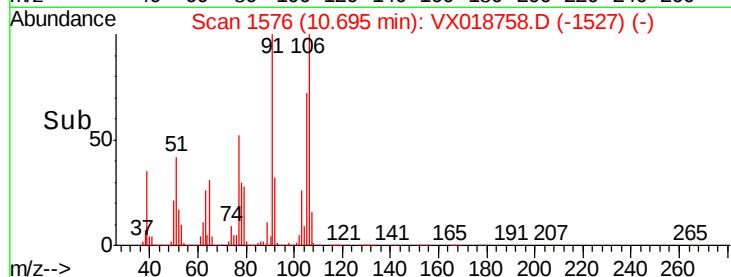
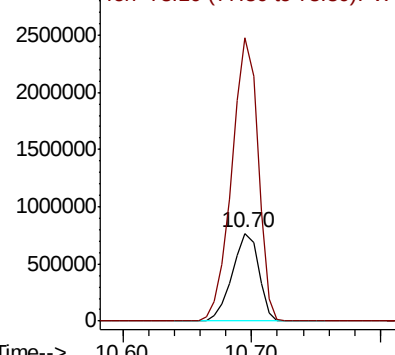
104 100

78 321.4 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: 159.052 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

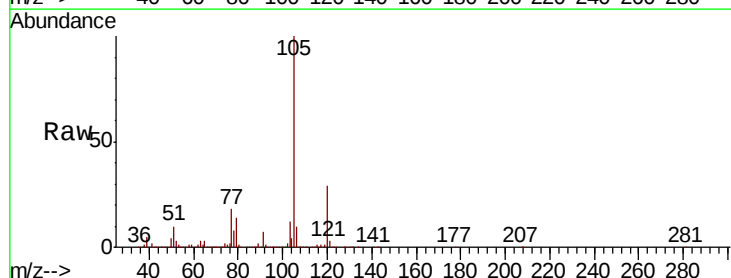
Tgt Ion:105 Resp:11202883

Ion Ratio Lower Upper

105 100

120 27.4 20.2 30.2

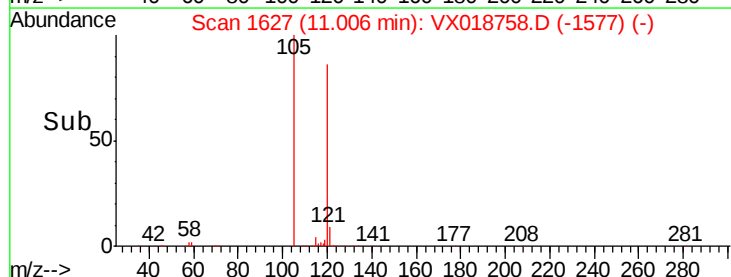
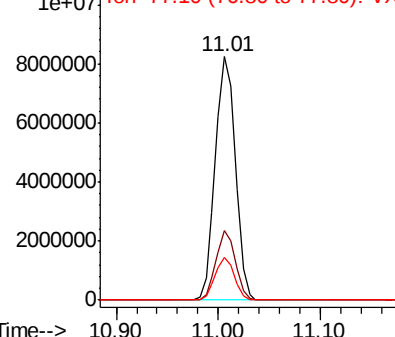
77 16.8 13.3 19.9

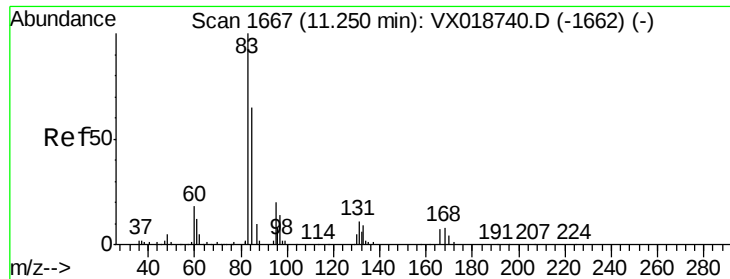


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VX0





#60

1,1,2,2-Tetrachloroethane

Concen: 0.196 ug/L

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

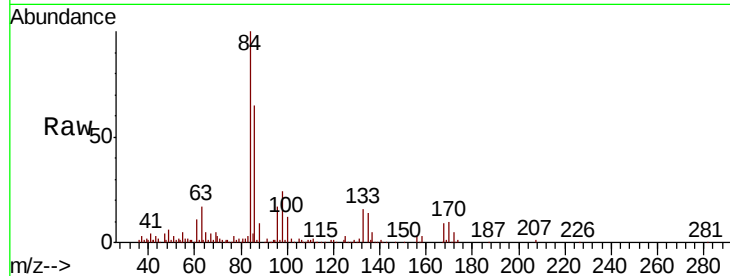
Tot Ion: 83 Resp: 2339

Ion Ratio Lower Upper

83 100

85 110.5 46.5 86.5#

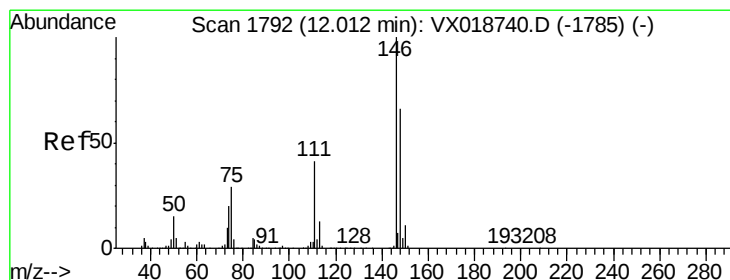
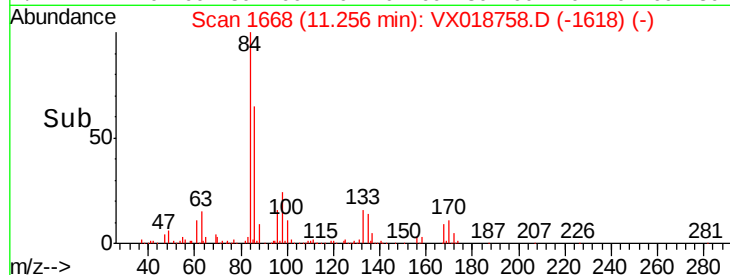
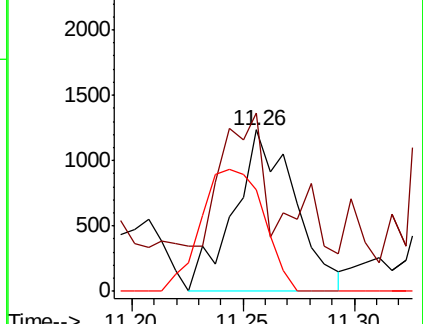
131 62.7 9.6 14.4#



Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V



#63

1,3-Dichlorobenzene

Concen: 3.611 ug/L

RT: 12.02 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

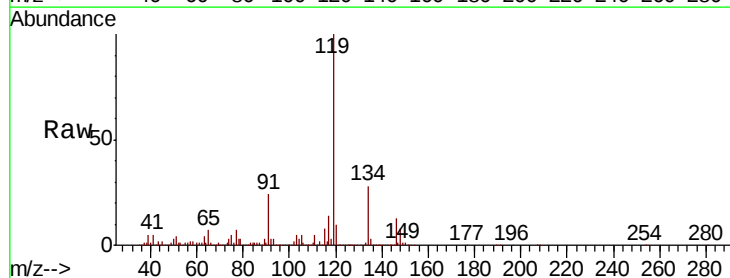
Tgt Ion: 146 Resp: 114217

Ion Ratio Lower Upper

146 100

111 41.9 28.4 52.8

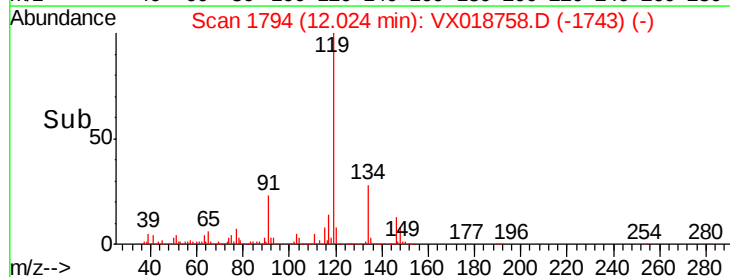
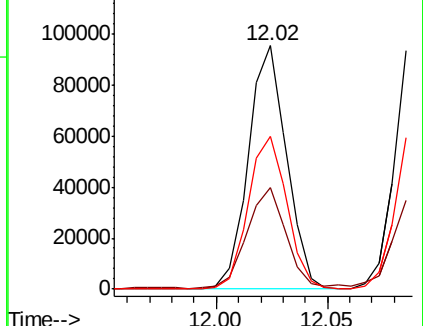
148 62.9 45.9 85.3

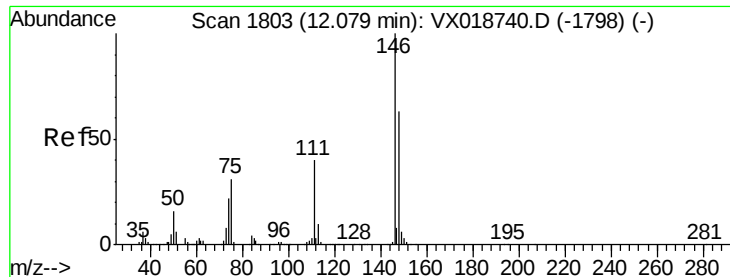


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

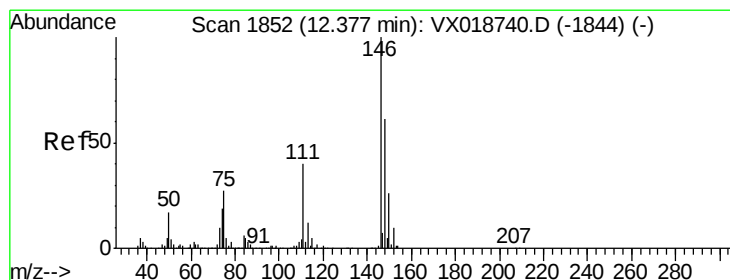
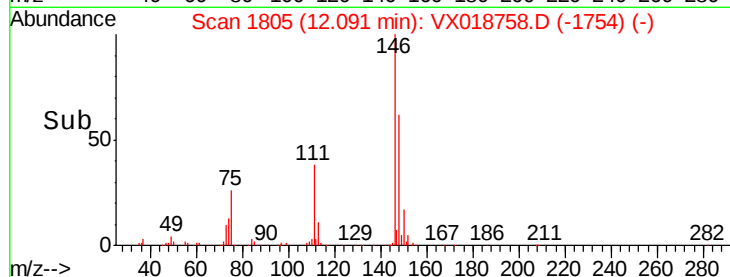
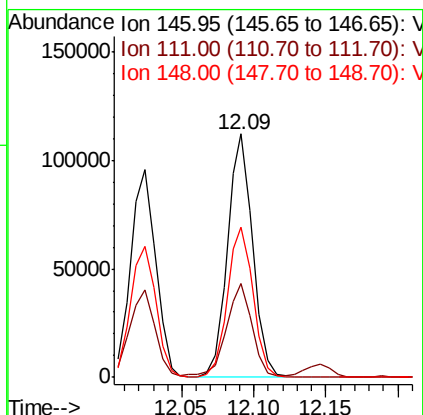
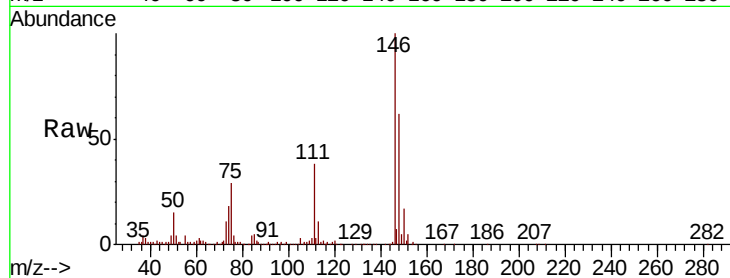




#64
 1,4-Dichlorobenzene
 Concen: 4.366 ug/L
 RT: 12.09 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: VX018758.D
 Acq: 02 Oct 2020 19:29

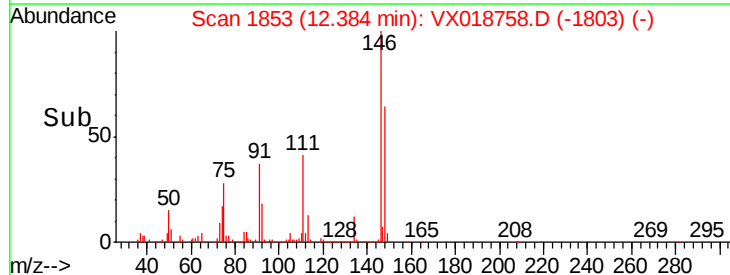
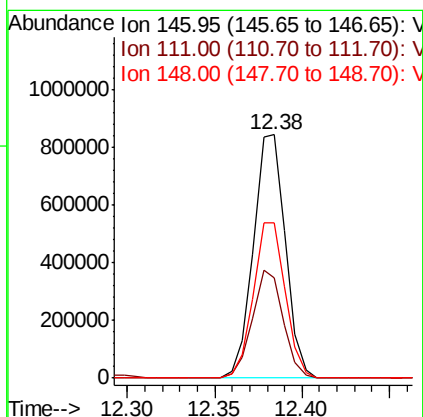
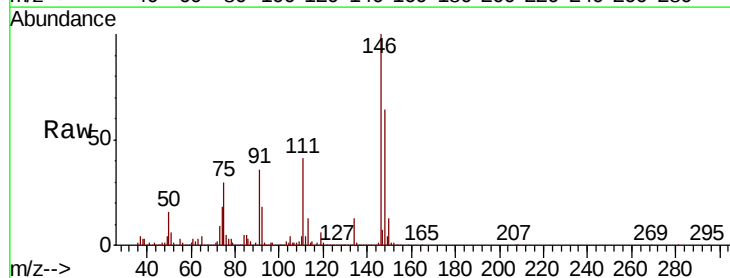
Instrument :
 MSVOA_X
 ClientSampled :

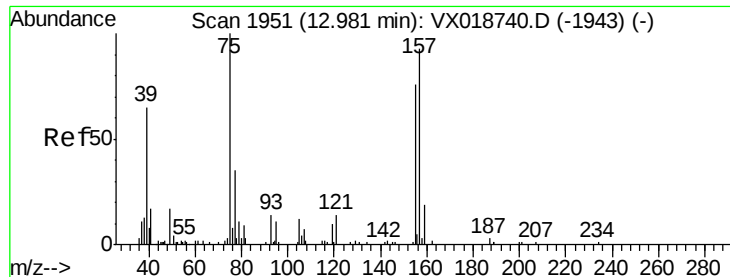
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	28.6	53.2
148	61.9	44.2	82.0



#66
 1,2-Dichlorobenzene
 Concen: 36.755 ug/L
 RT: 12.38 min Scan# 1853
 Delta R.T. 0.01 min
 Lab File: VX018758.D
 Acq: 02 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	31.7	47.5
148	63.6	49.0	73.6





#67

1,2-Dibromo-3-chloropropane

Concen: 11.913 ug/L

RT: 12.96 min Scan# 1948

Delta R.T. -0.02 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampled :

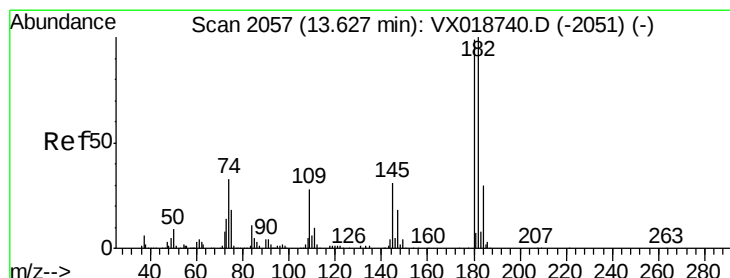
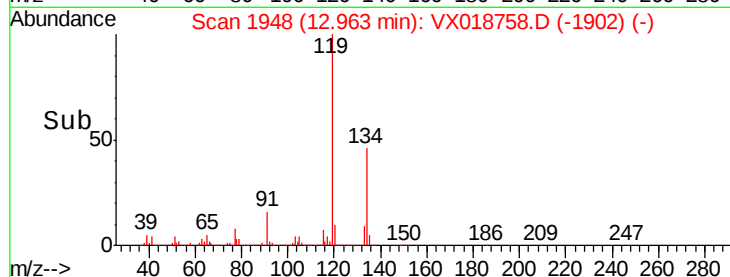
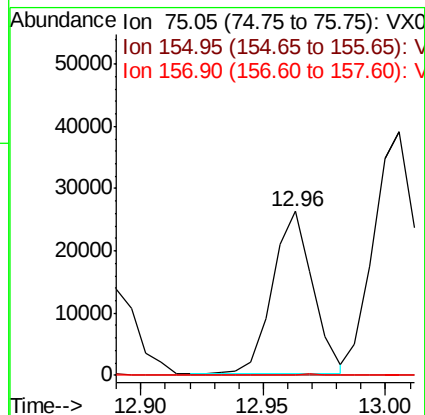
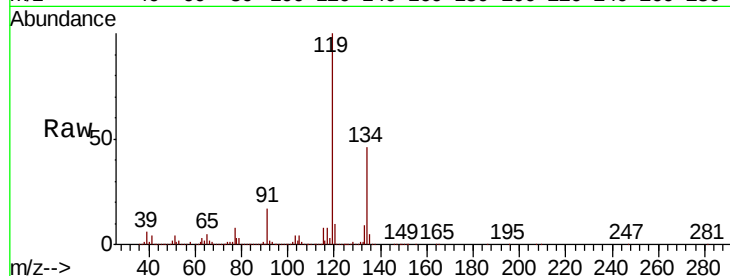
Tot Ion: 75 Resp: 29983

Ion Ratio Lower Upper

75 100

155 0.5 61.1 91.7#

157 0.0 74.2 111.2#



#69

1,2,4-trichlorobenzene

Concen: 6.363 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

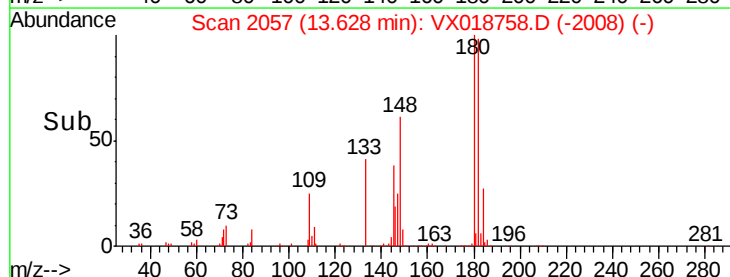
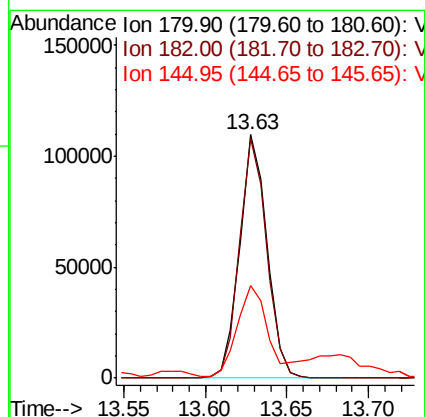
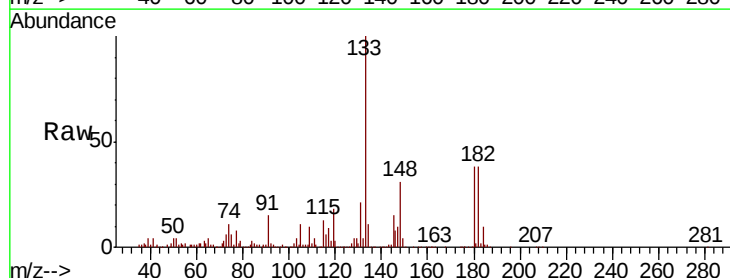
Tgt Ion:180 Resp: 128613

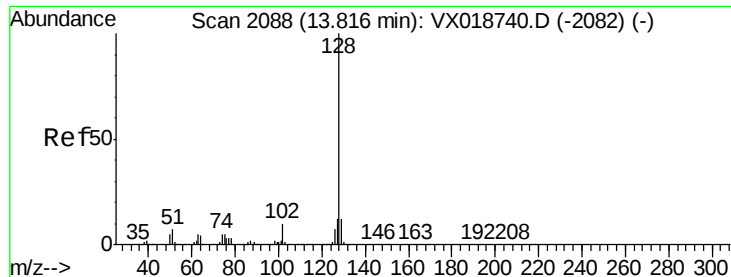
Ion Ratio Lower Upper

180 100

182 97.8 80.2 120.4

145 42.0 25.2 37.8#





#70

Naphthalene

Concen: 438.228 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

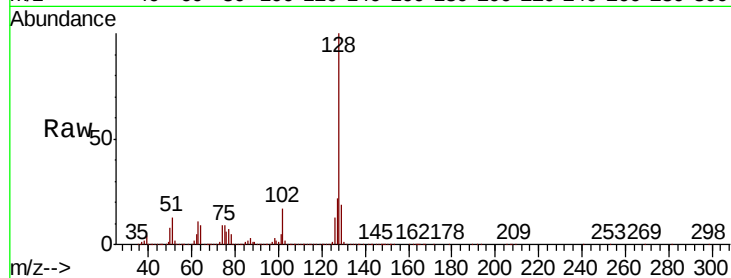
Tot Ion:128 Resp:14477237

Ion Ratio Lower Upper

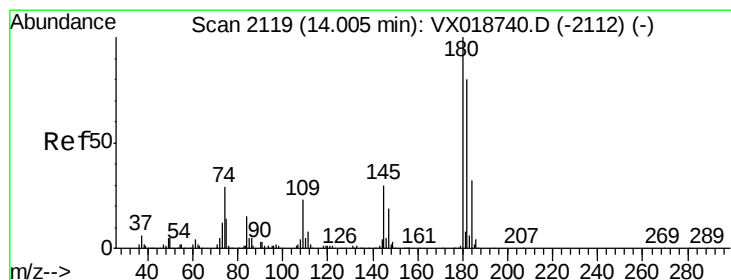
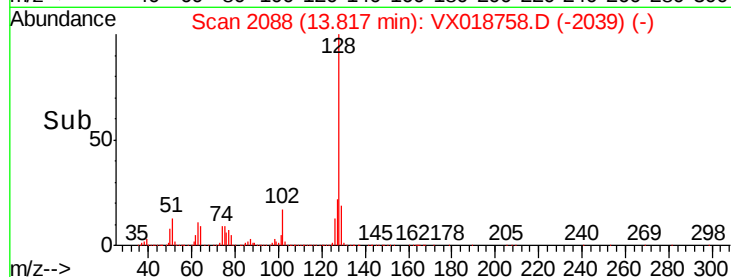
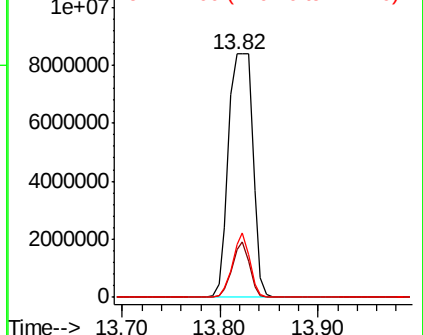
128 100

129 16.3 9.0 13.4#

127 18.7 10.5 15.7#



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



#71

1,2,3-Trichlorobenzene

Concen: 3.303 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX018758.D

Acq: 02 Oct 2020 19:29

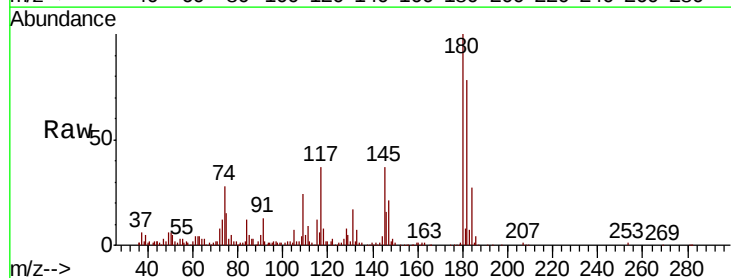
Tgt Ion:180 Resp: 60074

Ion Ratio Lower Upper

180 100

182 90.6 73.6 110.4

145 37.2 26.6 40.0



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

