

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018760.D
 Acq On : 02 Oct 2020 20:42
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00591

Quant Time: Oct 03 05:24:14 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	357966	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	322166	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	158939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	92215	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.70	69	76715	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.34	63	195585	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	4.56	46	271023	49.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.82%
24) Chloroform-d	5.15	84	213302	4.22	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	6.03	65	118087	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
32) Benzene-d6	6.05	84	395487	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	7.37	67	122115	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	8.70	98	385530	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
45) trans-1,3-Dichloropropene-	8.99	79	57006	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
48) 2-Hexanone-d5	9.43	63	235668	56.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.94%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	95012	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	150673	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	98269	4.089	ug/L	98
3) Chloromethane	1.31	50	86980	5.024	ug/L	93
5) Vinyl chloride	1.39	62	92136	4.770	ug/L	93
6) Bromomethane	1.64	94	33695	2.944	ug/L	95
8) Chloroethane	1.72	64	63408	5.412	ug/L	91
9) Trichlorofluoromethane	1.92	101	156651	3.801	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	87199	4.338	ug/L	98
12) 1,1-Dichloroethene	2.36	96	82573	4.631	ug/L	89
13) Acetone	2.45	43	126545	42.260	ug/L	99
14) Carbon disulfide	2.55	76	258300	4.629	ug/L	100
15) Methyl Acetate	2.76	43	33043	4.490	ug/L	99
16) Methylene chloride	2.84	84	87490	4.046	ug/L	97
17) Methyl tert-butyl Ether	3.17	73	211145	4.591	ug/L #	89
18) trans-1,2-Dichloroethene	3.14	96	86657	4.539	ug/L	96
19) 1,1-Dichloroethane	3.67	63	154427	4.550	ug/L	97
21) 2-Butanone	4.66	43	216030	49.557	ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	125615	6.379	ug/L #	97

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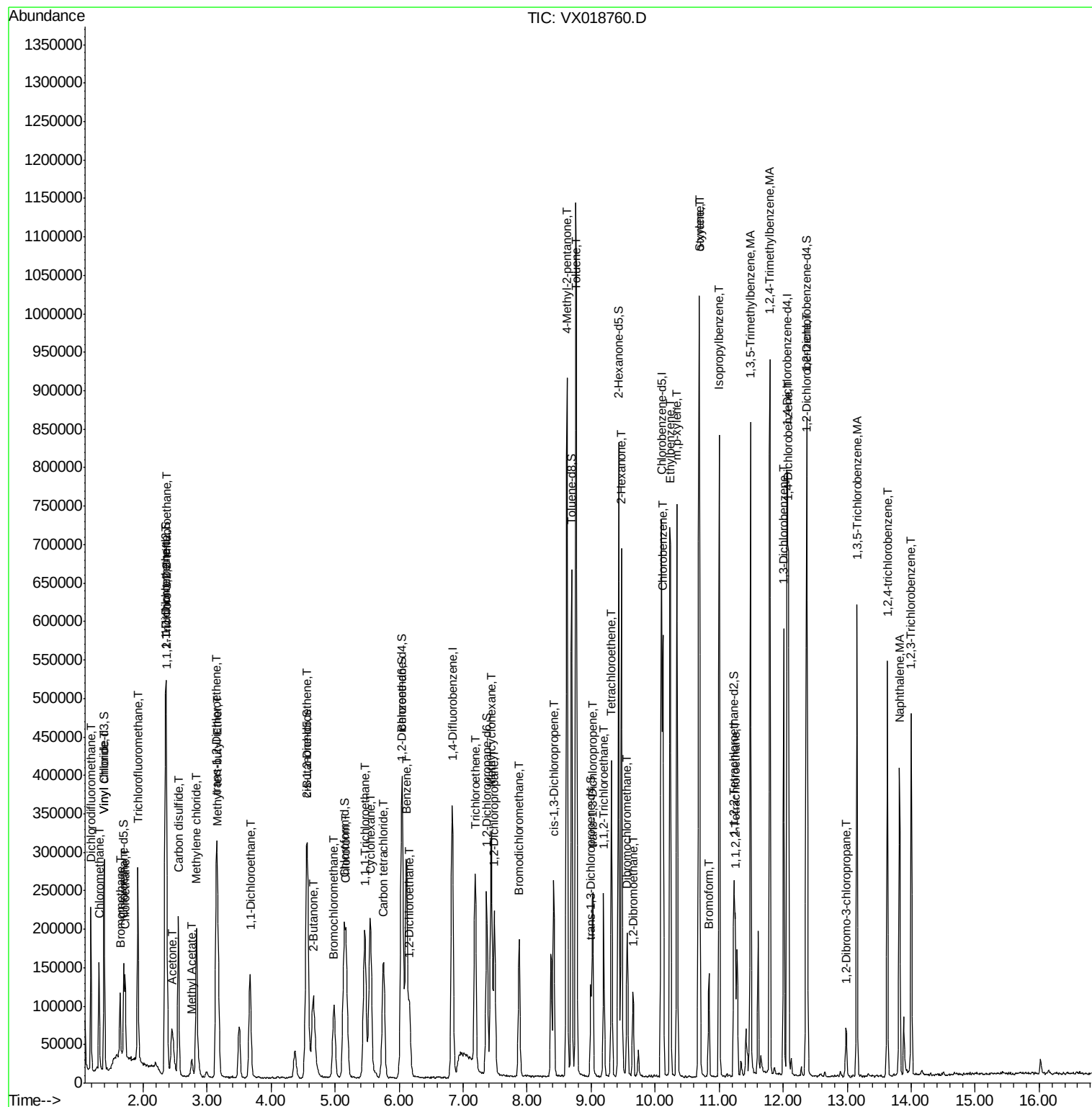
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	43699	4.377	ug/L	94
25) Chloroform	5.17	83	167331	4.314	ug/L	98
27) 1,2-Dichloroethane	6.17	62	103520	3.674	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	193782	5.085	ug/L	100
30) Cyclohexane	5.54	56	142356	5.385	ug/L	96
31) Carbon tetrachloride	5.76	117	143503	4.083	ug/L	98
33) Benzene	6.11	78	341537	5.062	ug/L	100
34) Trichloroethene	7.18	95	98301	4.935	ug/L	96
35) Methylcyclohexane	7.44	83	148644	5.266	ug/L	98
37) 1,2-Dichloropropane	7.49	63	86636	5.126	ug/L #	96
38) Bromodichloromethane	7.87	83	117423	4.356	ug/L #	98
39) cis-1,3-Dichloropropene	8.42	75	129404	4.797	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	514718	52.569	ug/L	99
42) Toluene	8.76	91	733364	9.934	ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	372953	5.338	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	411577	5.804	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	114956	4.615	ug/L	91
47) 1,1,2-Trichloroethane	9.20	97	60778	4.765	ug/L	91
49) Tetrachloroethene	9.32	164	78822	4.527	ug/L	97
50) 2-Hexanone	9.48	43	369100	51.903	ug/L	98
51) Dibromochloromethane	9.56	129	82593	4.455	ug/L	95
52) 1,2-Dibromoethane	9.65	107	59052	4.580	ug/L #	98
53) Chlorobenzene	10.12	112	245271	4.857	ug/L	97
54) Ethylbenzene	10.23	91	425245	5.139	ug/L	99
55) m,p-xylene	10.34	106	169390	5.248	ug/L	97
56) o-xylene	10.68	106	158491	5.313	ug/L	97
57) Styrene	10.70	104	255527	5.021	ug/L	95
58) Isopropylbenzene	11.00	105	429471	5.143	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	73894	5.227	ug/L	97
62) Bromoform	10.84	173	47679	4.539	ug/L	95
63) 1,3-Dichlorobenzene	12.01	146	199754	5.171	ug/L	95
64) 1,4-Dichlorobenzene	12.08	146	197686	5.131	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	181342	5.028	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	12390	4.031	ug/L #	75
68) 1,3,5-Trichlorobenzene	13.15	180	144916	4.873	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	130531	5.288	ug/L	93
70) Naphthalene	13.82	128	252384	6.255	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	121177	5.456	ug/L	99

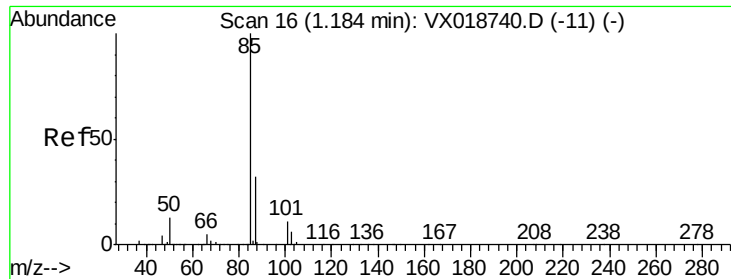
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.089 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampled :

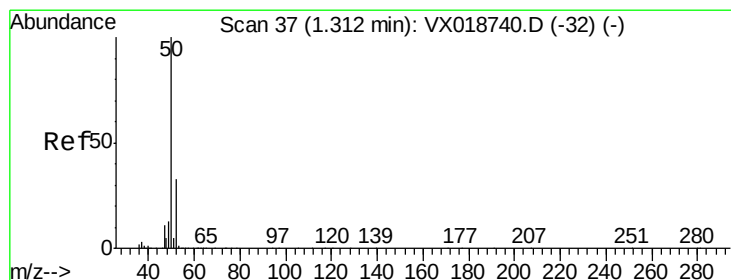
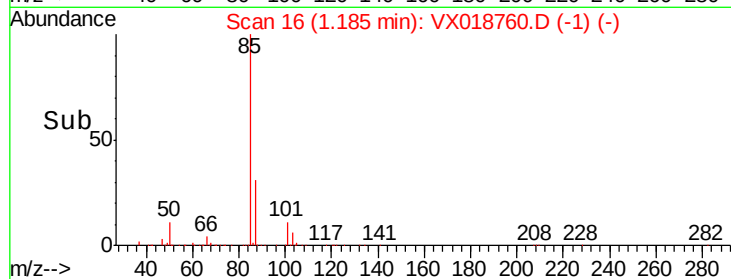
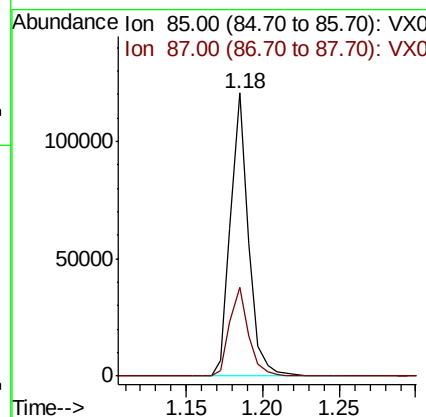
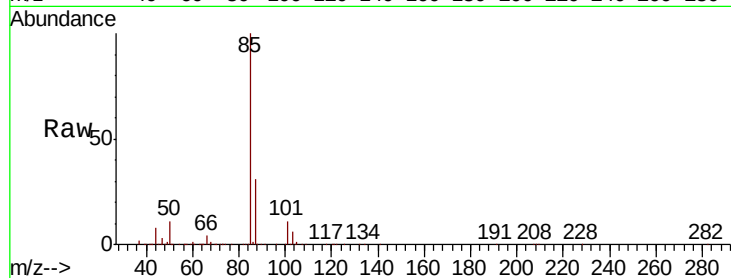
VSTD00591

Tot Ion: 85 Resp: 98269

Ion Ratio Lower Upper

85 100

87 32.9 25.4 38.0



#3

Chloromethane

Concen: 5.024 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018760.D

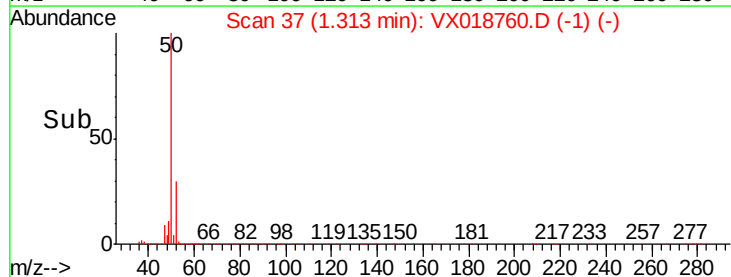
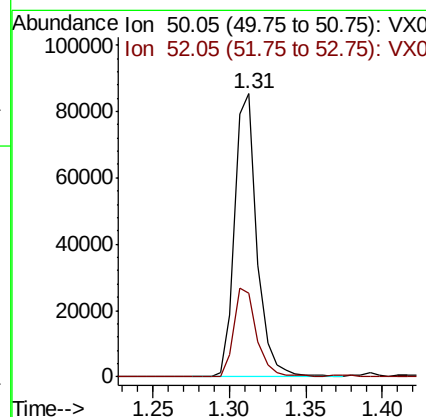
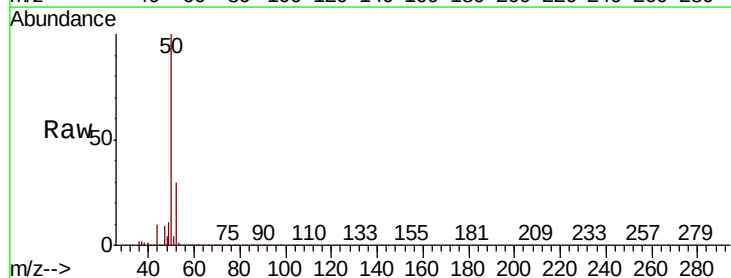
Acq: 02 Oct 2020 20:42

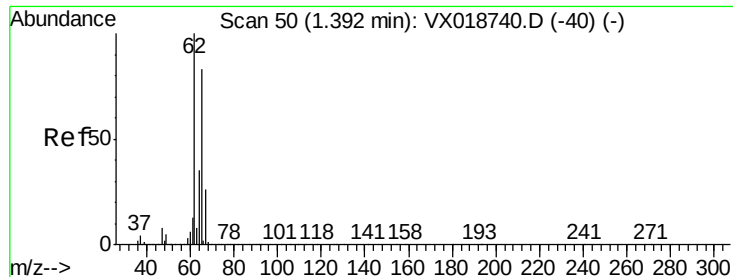
Tgt Ion: 50 Resp: 86980

Ion Ratio Lower Upper

50 100

52 29.5 23.4 43.6





#5

Vinyl chloride

Concen: 4.770 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampled :

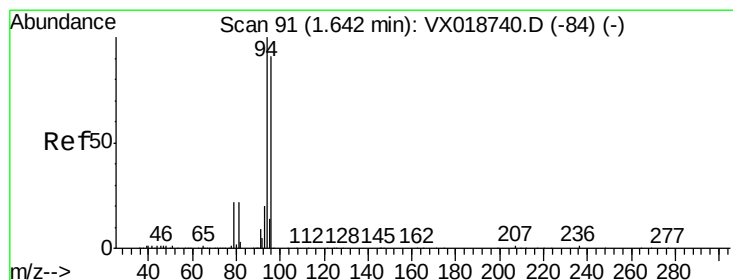
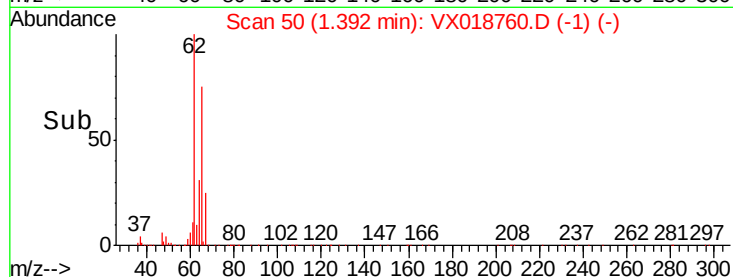
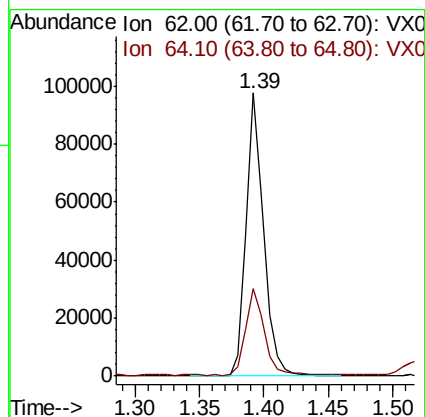
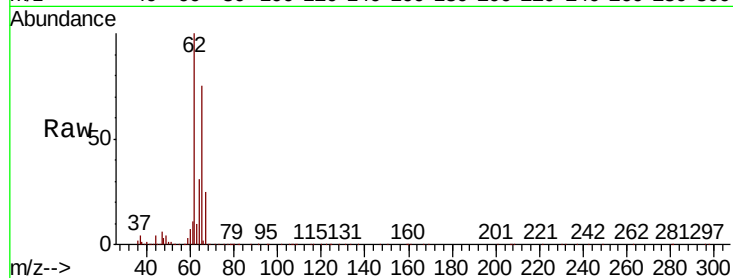
VSTD00591

Tot Ion: 62 Resp: 92136

Ion Ratio Lower Upper

62 100

64 30.8 24.3 45.1



#6

Bromomethane

Concen: 2.944 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018760.D

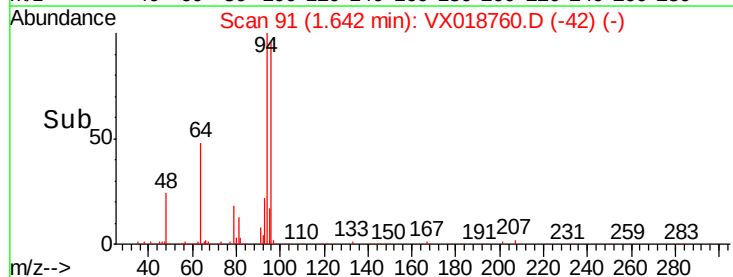
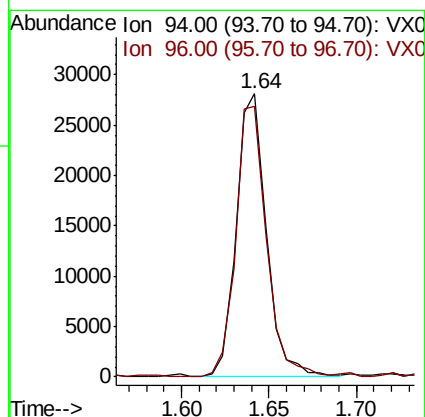
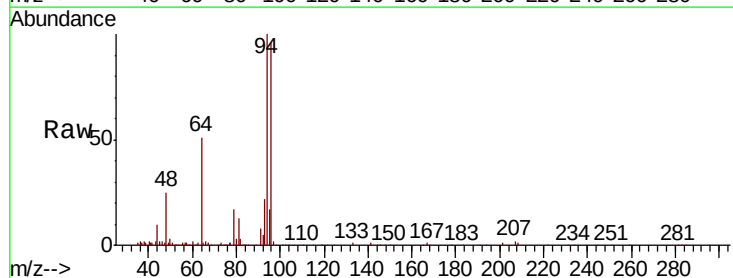
Acq: 02 Oct 2020 20:42

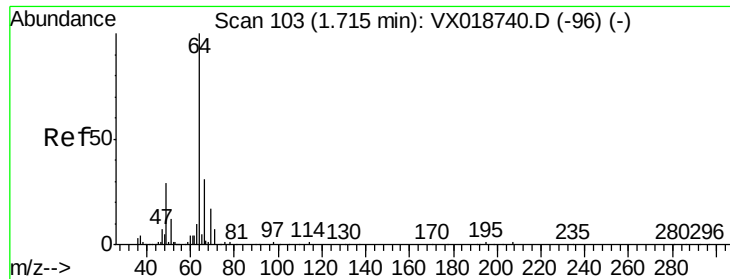
Tgt Ion: 94 Resp: 33695

Ion Ratio Lower Upper

94 100

96 95.7 63.5 117.9





#8

Chloroethane

Concen: 5.412 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

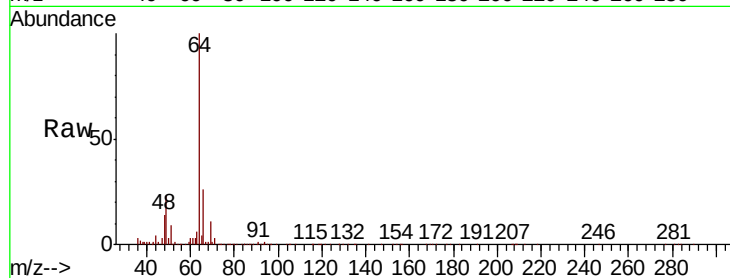
VSTD00591

Tot Ion: 64 Resp: 63408

Ion Ratio Lower Upper

64 100

66 25.9 21.5 39.9



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0

1.72

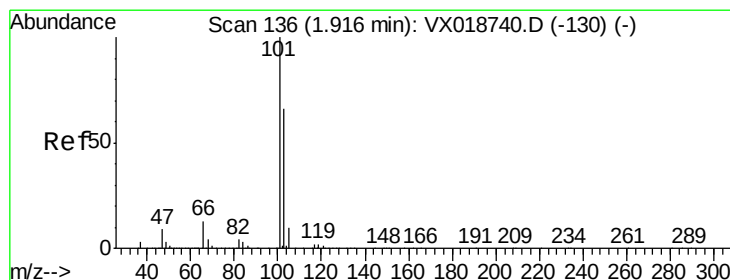
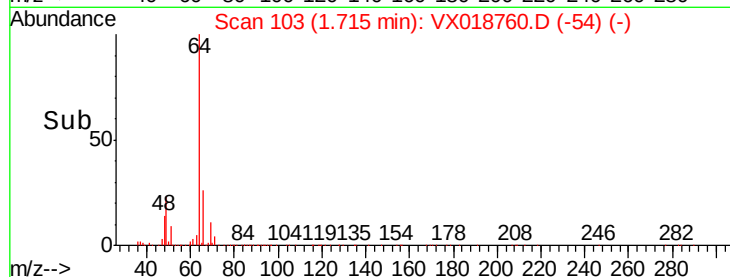
60000

40000

20000

0

Time--> 1.65 1.70 1.75 1.80



#9

Trichlorofluoromethane

Concen: 3.801 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX018760.D

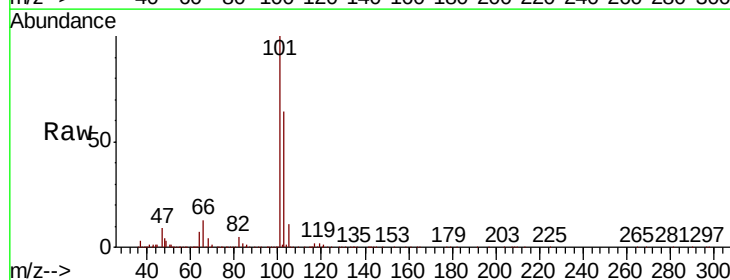
Acq: 02 Oct 2020 20:42

Tgt Ion: 101 Resp: 156651

Ion Ratio Lower Upper

101 100

103 64.9 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.92

120000

100000

80000

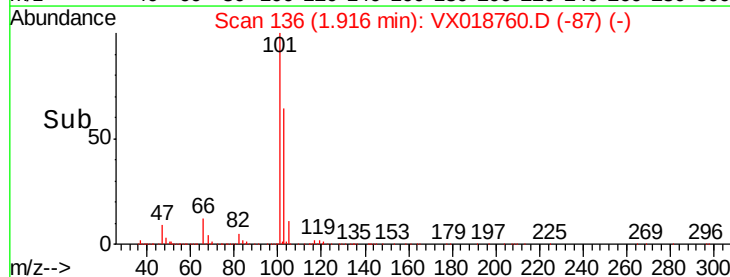
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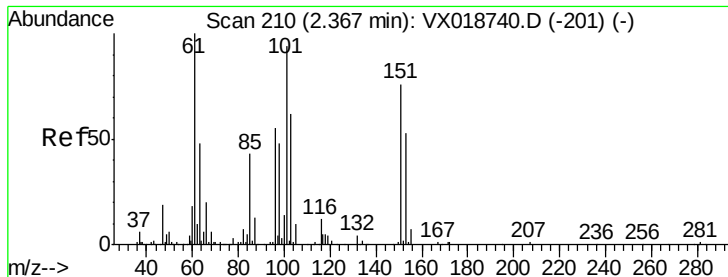
40000

20000

0

Time--> 1.80 1.85 1.90 1.95 2.00





#10

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

Concen: 4.338 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTD00591

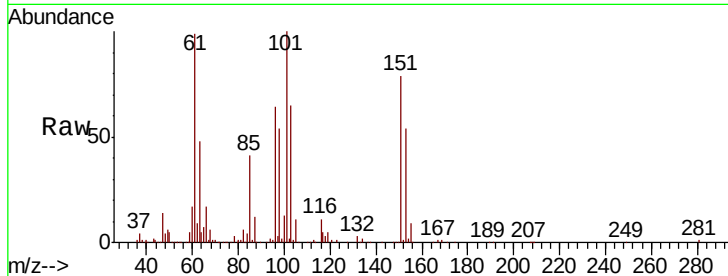
Tot Ion:101 Resp: 87199

Ion Ratio Lower Upper

101 100

85 43.6 37.1 55.7

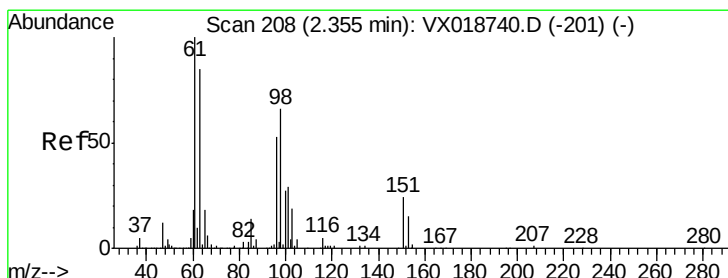
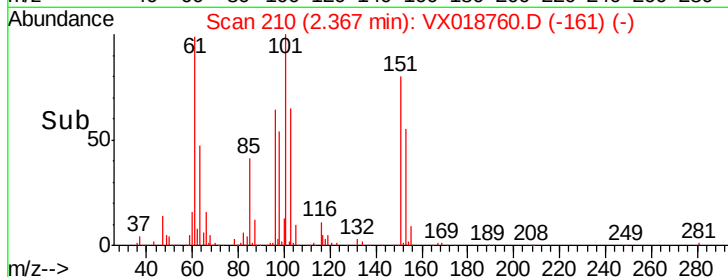
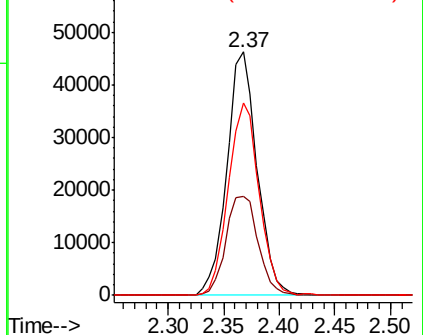
151 80.5 65.0 97.6



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: 4.631 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

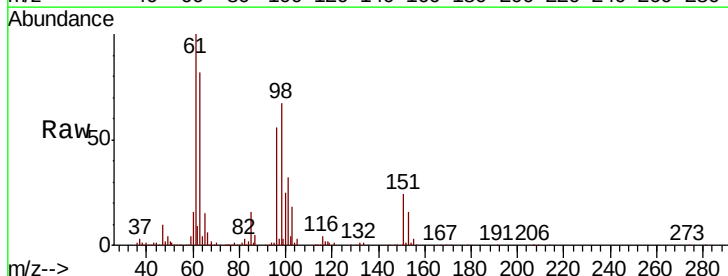
Tgt Ion: 96 Resp: 82573

Ion Ratio Lower Upper

96 100

61 177.5 133.2 247.4

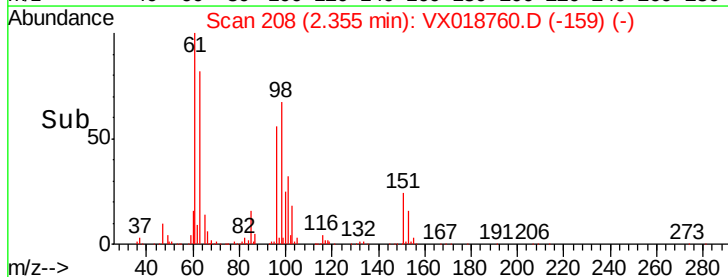
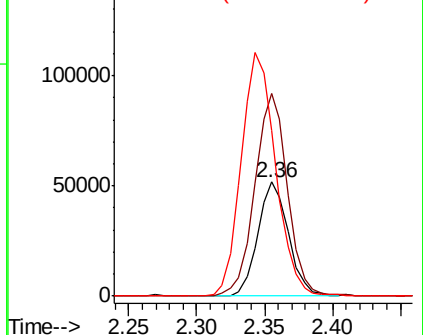
63 144.9 115.1 213.7

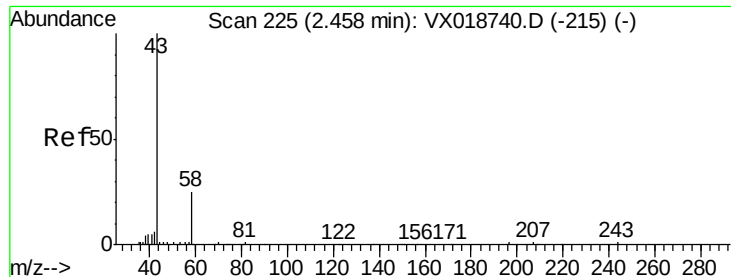


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 42.260 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.01 min

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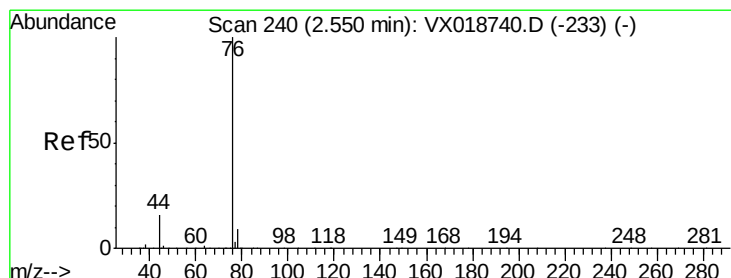
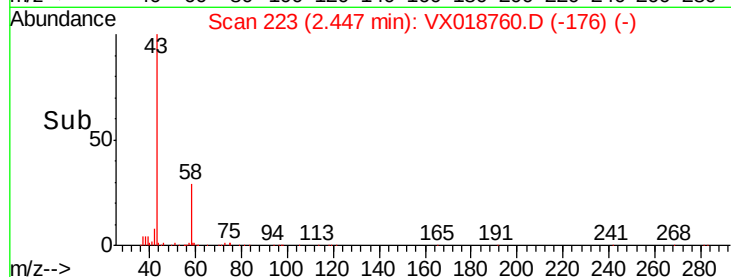
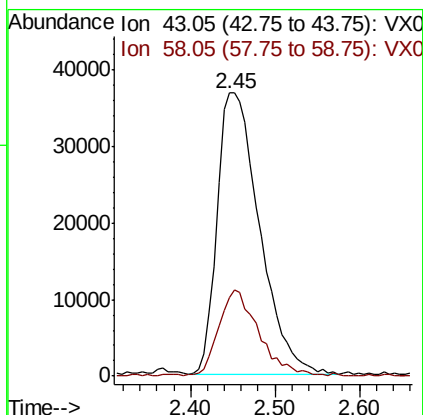
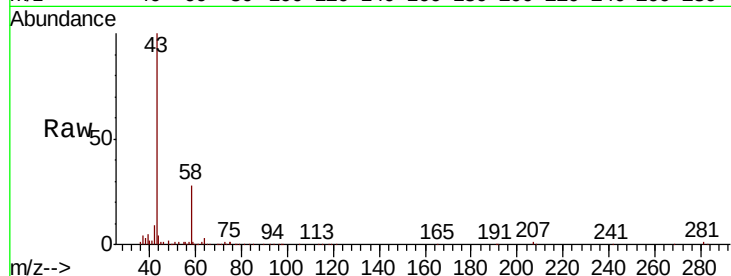
VSTD00591

Tot Ion: 43 Resp: 126545

Ion Ratio Lower Upper

43 100

58 28.8 0.0 56.4



#14

Carbon disulfide

Concen: 4.629 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018760.D

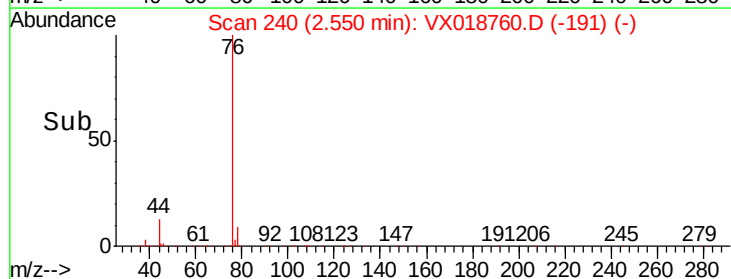
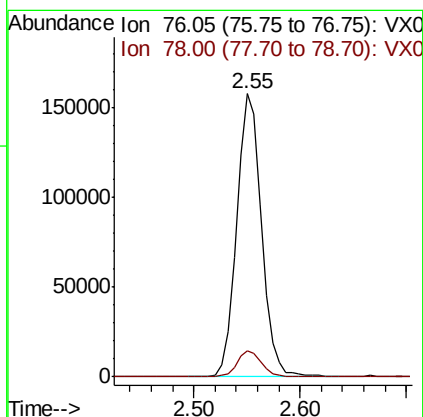
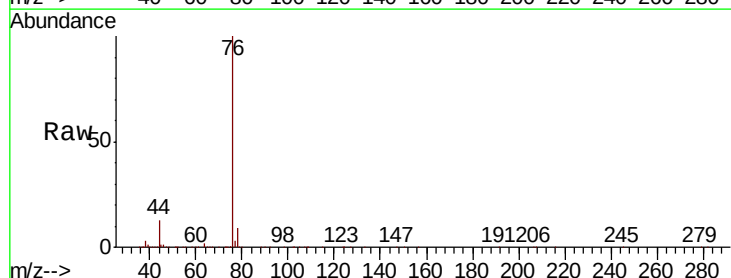
Acq: 02 Oct 2020 20:42

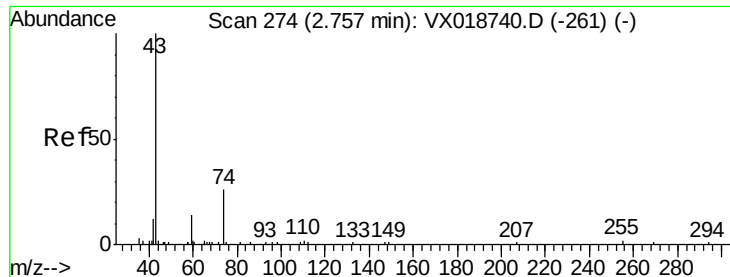
Tgt Ion: 76 Resp: 258300

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 4.490 ug/L

RT: 2.76 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampled :

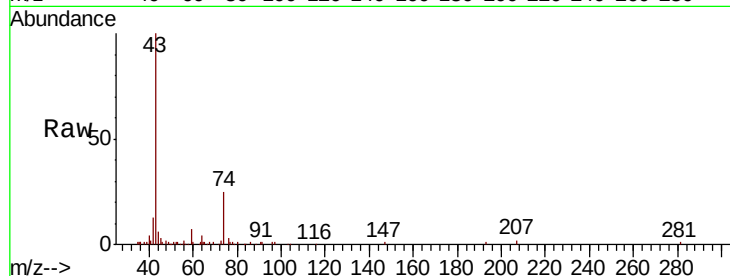
VSTD00591

Tot Ion: 43 Resp: 33043

Ion Ratio Lower Upper

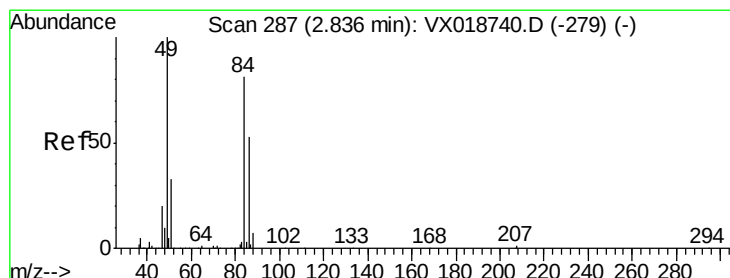
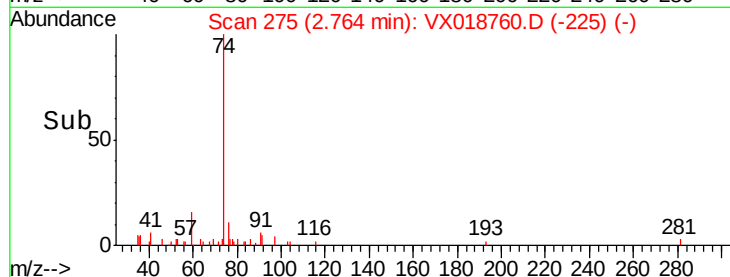
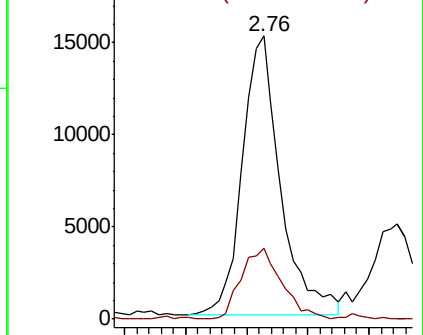
43 100

74 26.8 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: 4.046 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

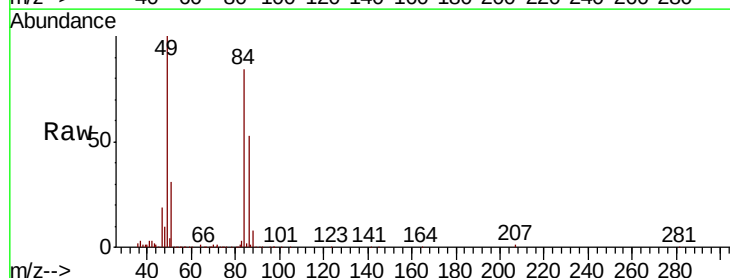
Tgt Ion: 84 Resp: 87490

Ion Ratio Lower Upper

84 100

86 62.8 45.6 84.8

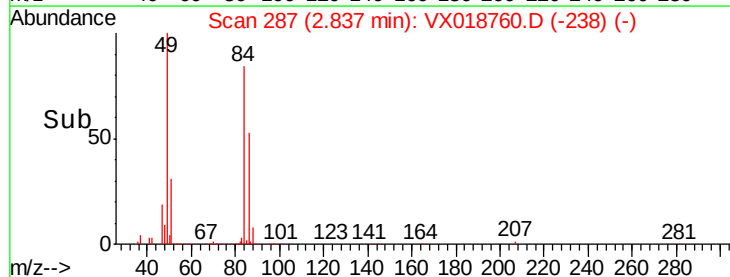
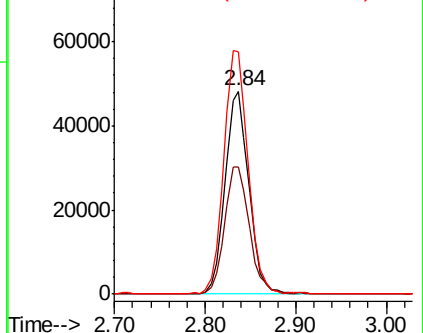
49 119.5 85.8 159.3

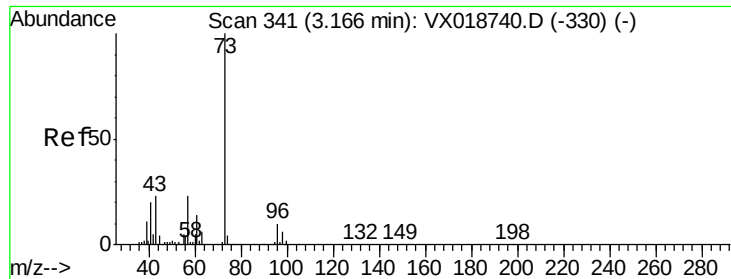


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

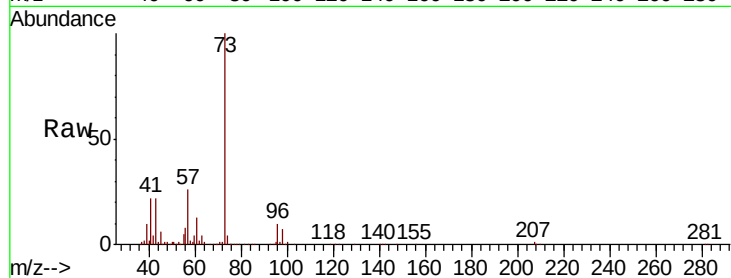




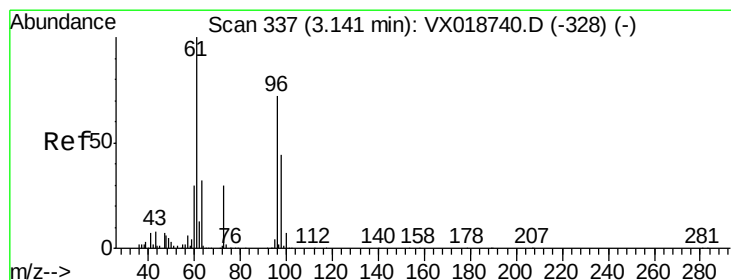
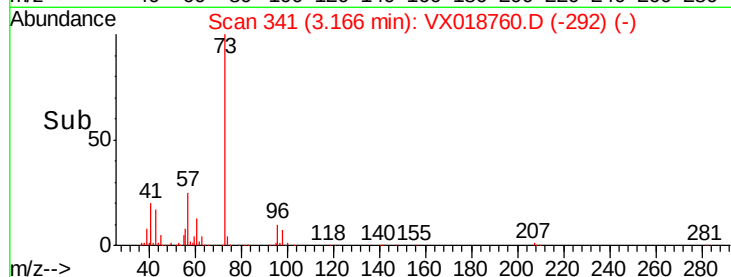
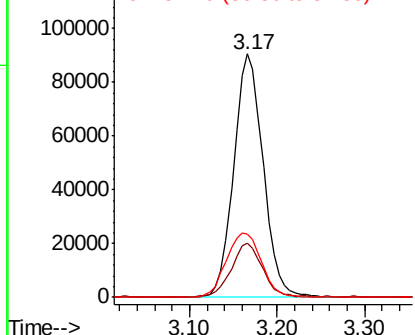
#17
Methyl tert-butyl Ether
Concen: 4.591 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018760.D
Acq: 02 Oct 2020 20:42

Instrument :
MSVOA_X
ClientSampled :
VSTD00591

Tot Ion: 73 Resp: 211145
Ion Ratio Lower Upper
73 100
43 23.5 19.4 29.0
57 31.5 17.2 25.8#

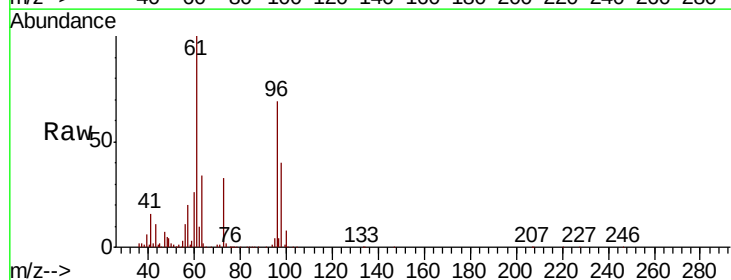


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

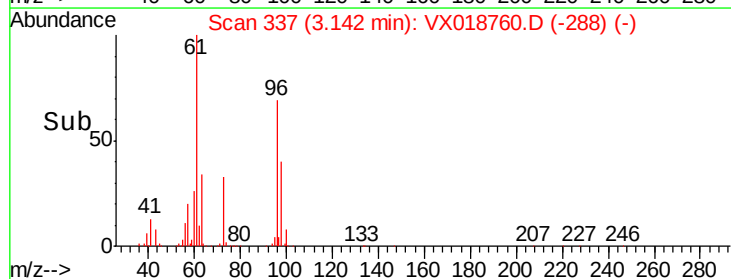
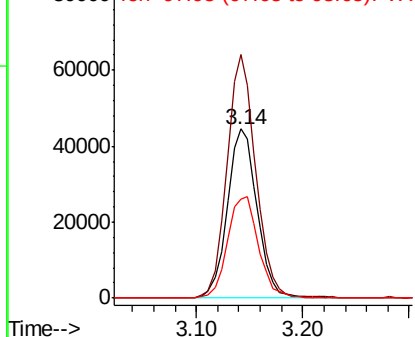


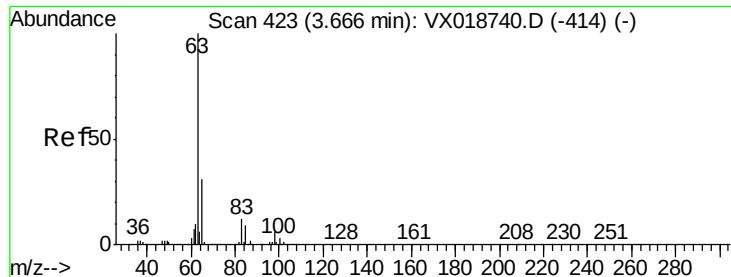
#18
trans-1,2-Dichloroethene
Concen: 4.539 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018760.D
Acq: 02 Oct 2020 20:42

Tgt Ion: 96 Resp: 86657
Ion Ratio Lower Upper
96 100
61 144.1 97.6 181.4
98 58.3 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 97.95 (97.65 to 98.65): VX0

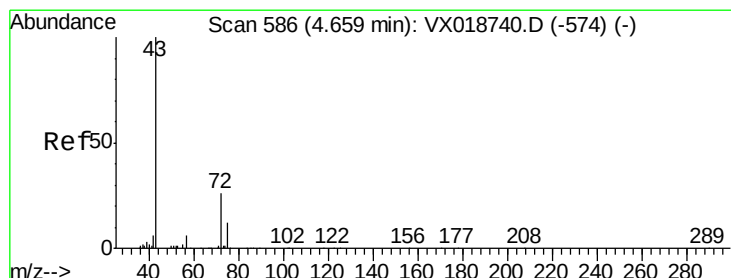
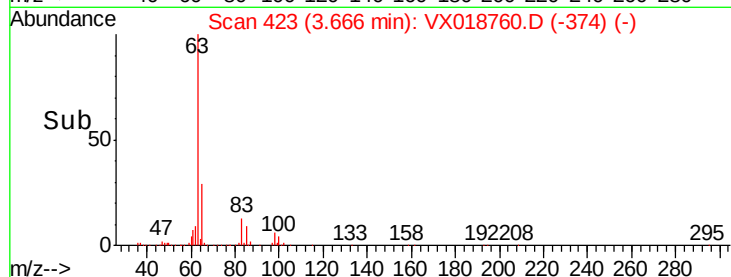
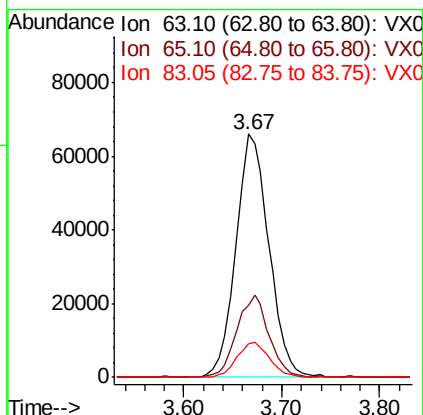
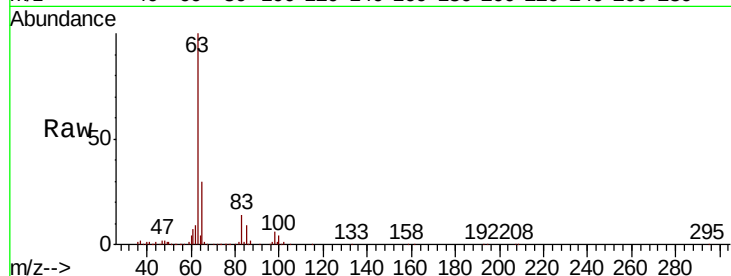




#19
 1,1-Dichloroethane
 Concen: 4.550 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

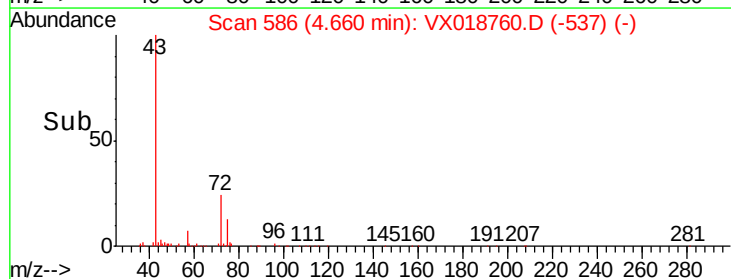
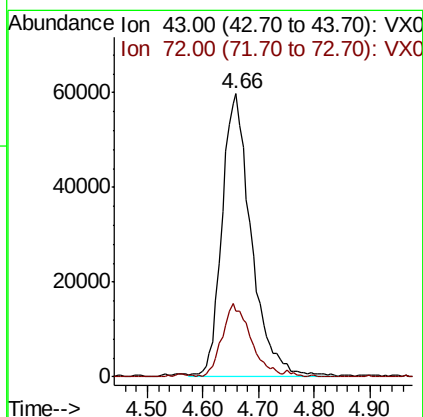
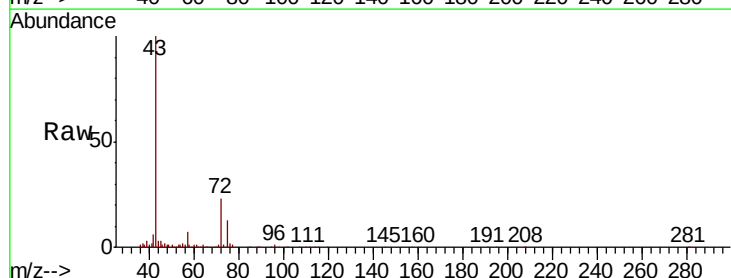
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00591

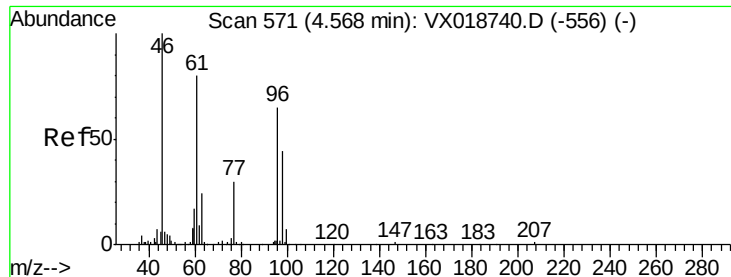
Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	21.6	40.2
83	13.7	8.7	16.1



#21
 2-Butanone
 Concen: 49.557 ug/L
 RT: 4.66 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.5	12.4	37.2



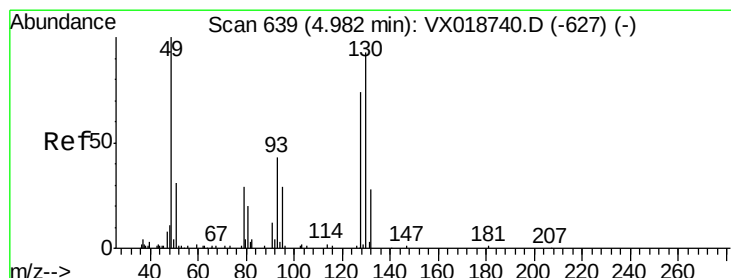
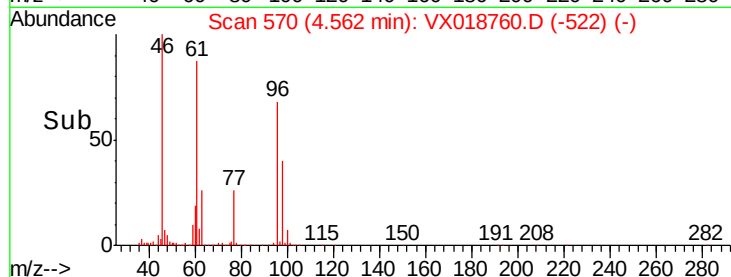
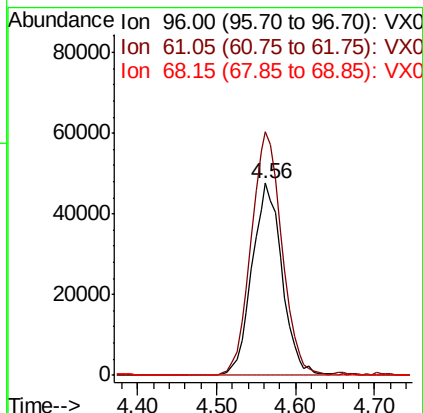
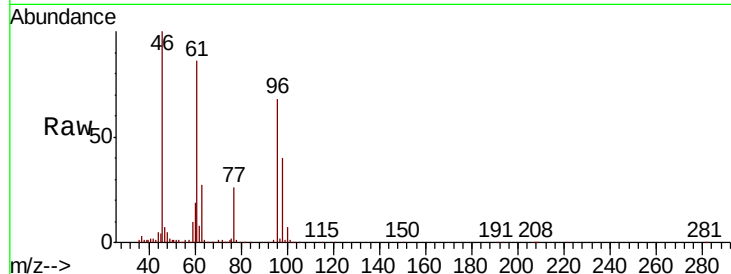


#22

cis-1,2-Dichloroethene
 Concen: 6.379 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00591

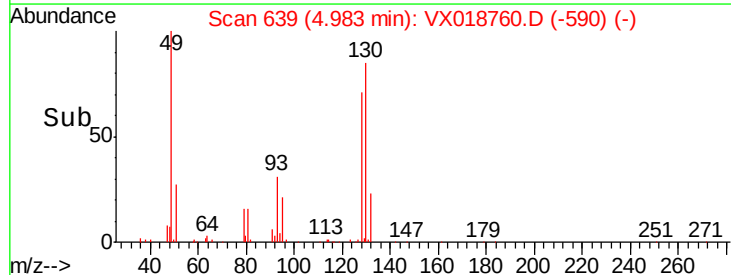
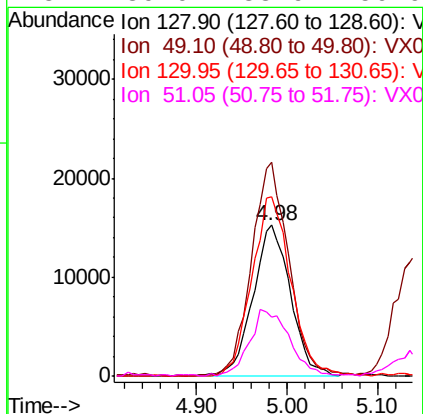
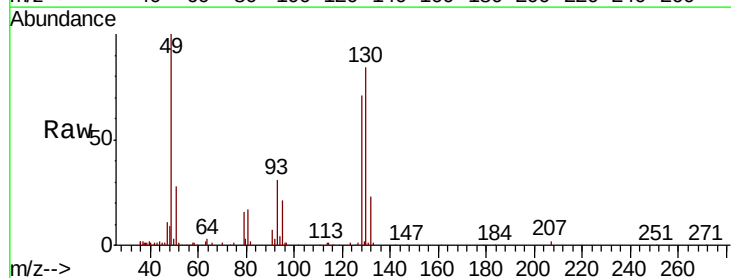
Tot Ion: 96 Resp: 125615
 Ion Ratio Lower Upper
 96 100
 61 126.9 86.2 160.0
 68 0.1 0.3 0.7#

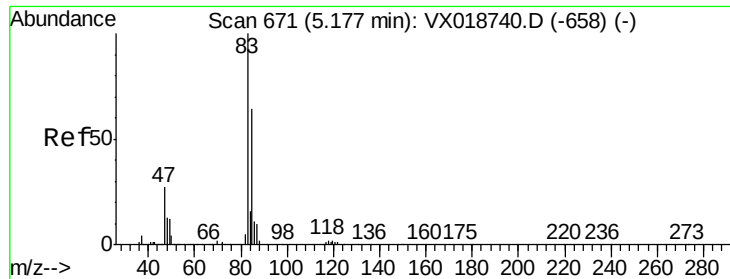


#23

Bromochloromethane
 Concen: 4.377 ug/L
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Tgt Ion: 128 Resp: 43699
 Ion Ratio Lower Upper
 128 100
 49 141.7 94.5 175.5
 130 118.7 88.2 163.8
 51 39.0 33.9 50.9

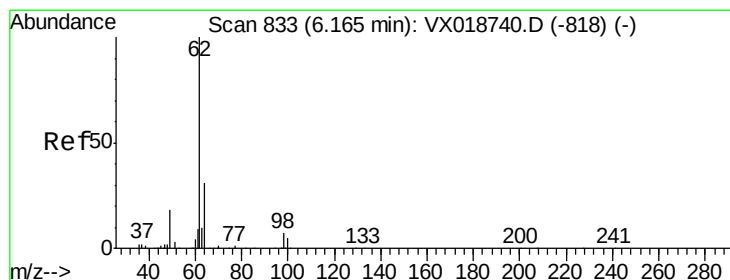
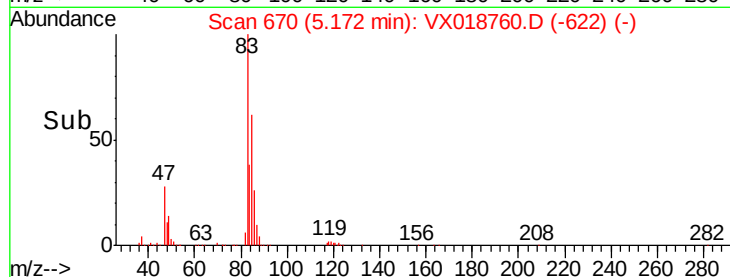
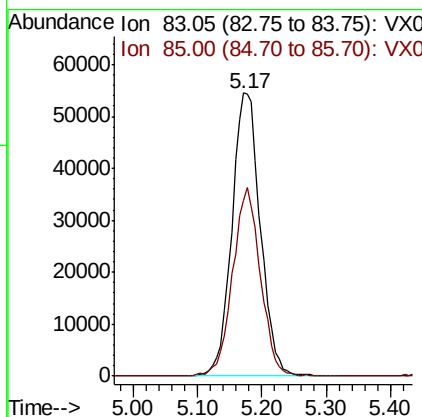
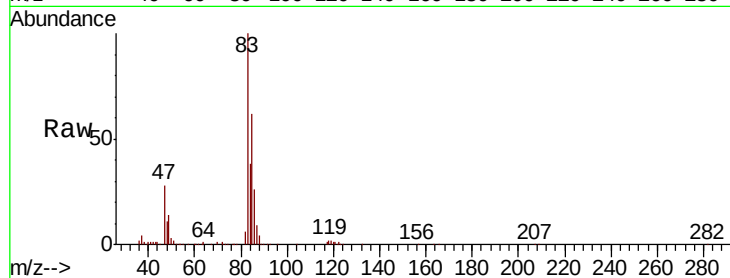




#25
Chloroform
Concen: 4.314 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018760.D
Acq: 02 Oct 2020 20:42

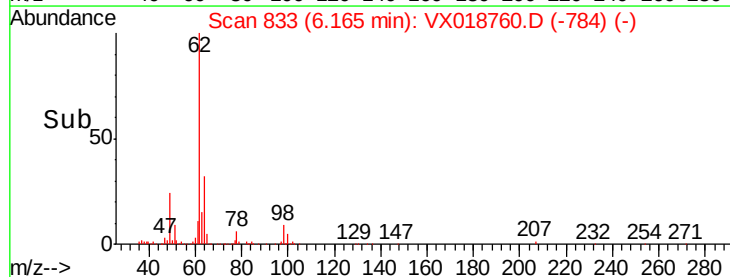
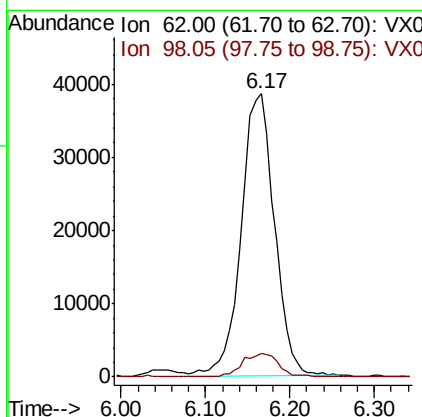
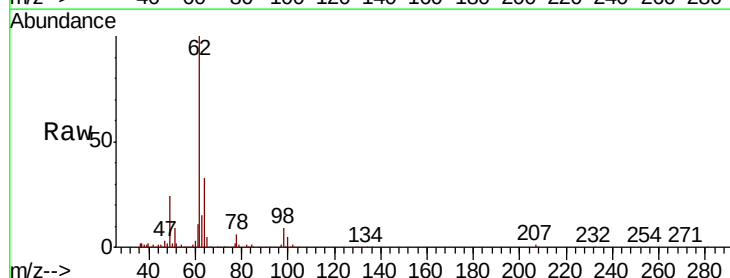
Instrument :
MSVOA_X
ClientSampleId :
VSTD00591

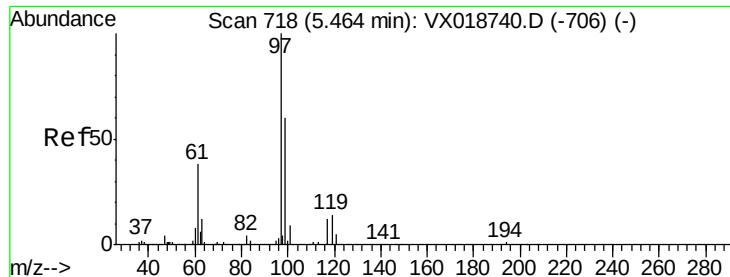
Tot Ion: 83 Resp: 167331
Ion Ratio Lower Upper
83 100
85 62.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 3.674 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018760.D
Acq: 02 Oct 2020 20:42

Tgt Ion: 62 Resp: 103520
Ion Ratio Lower Upper
62 100
98 8.5 5.8 8.8

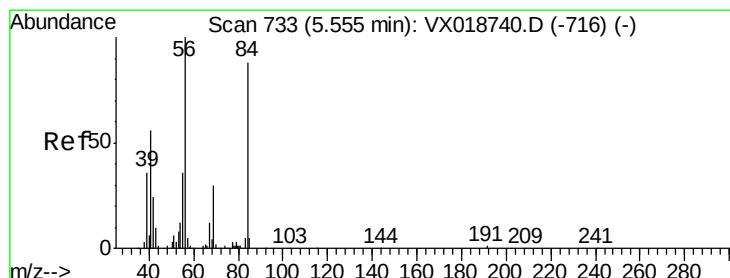
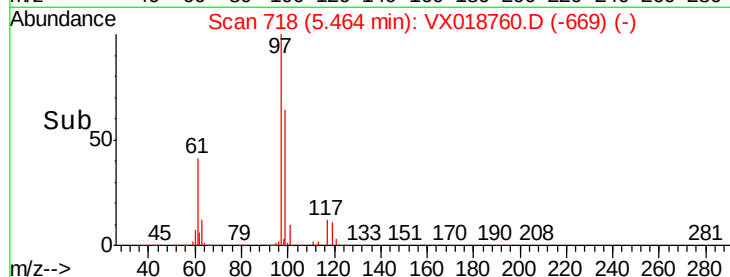
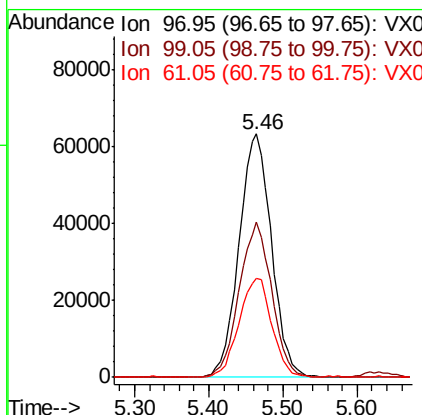
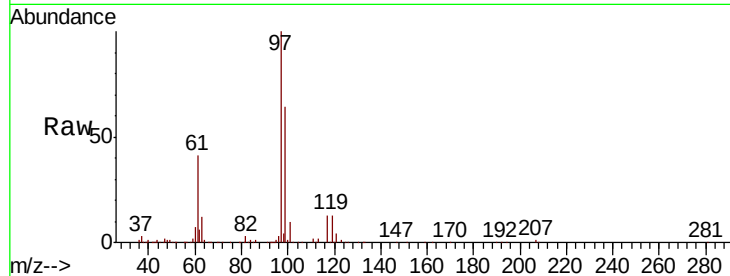




#29
 1,1,1-Trichloroethane
 Concen: 5.085 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

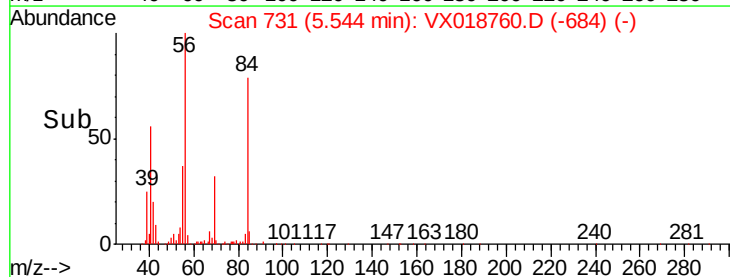
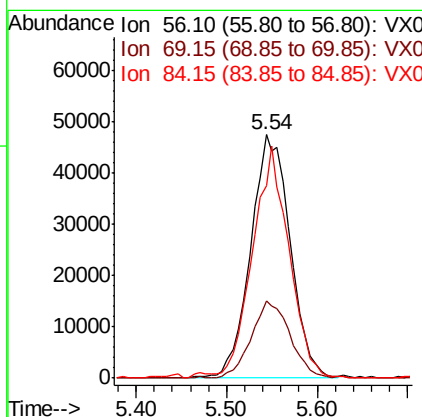
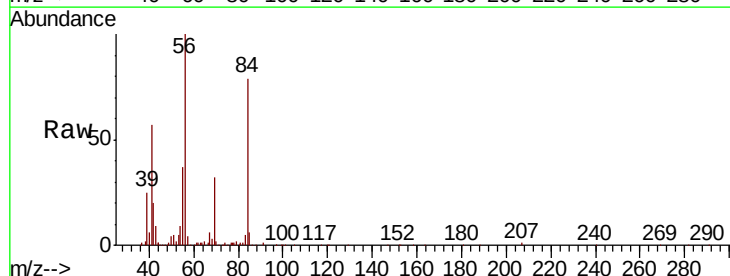
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00591

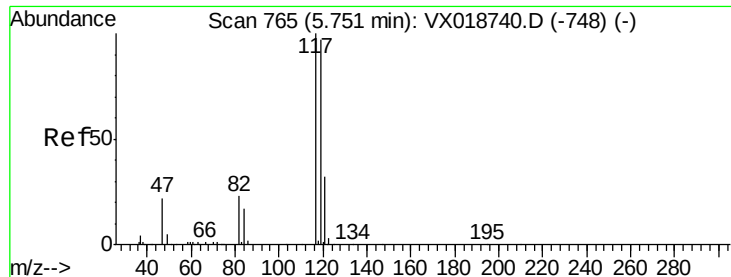
Tot Ion	97	Resp	193782
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	41.5	33.3	49.9



#30
 Cyclohexane
 Concen: 5.385 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Tgt Ion	56	Resp	142356
Ion	Ratio	Lower	Upper
56	100		
69	31.2	26.0	39.0
84	88.4	73.8	110.6





#31

Carbon tetrachloride

Concen: 4.083 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

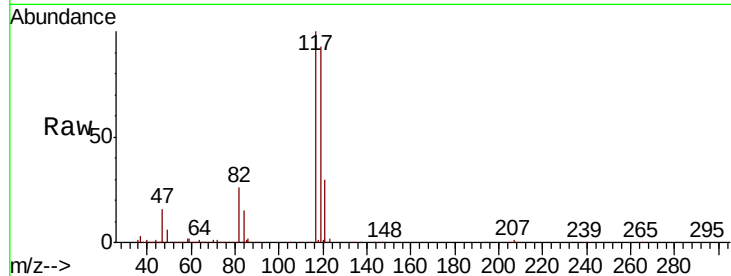
VSTD00591

Tot Ion:117 Resp: 143503

Ion Ratio Lower Upper

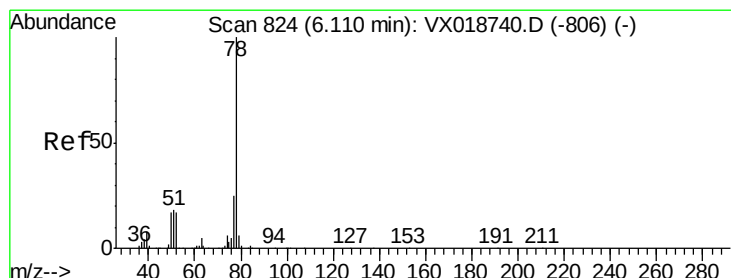
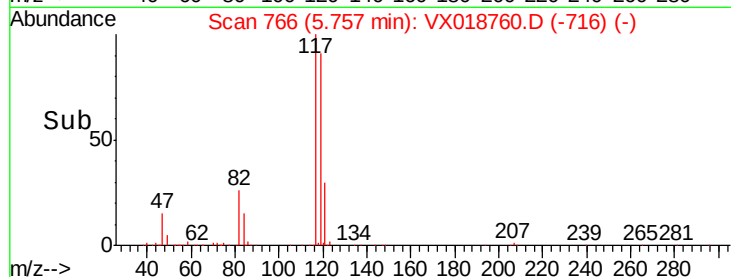
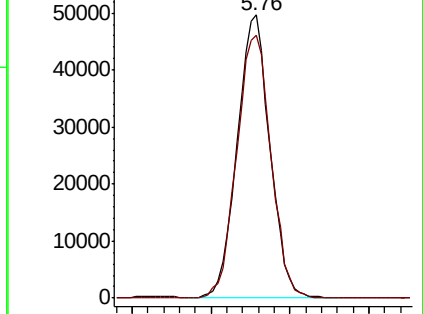
117 100

119 96.9 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: 5.062 ug/L

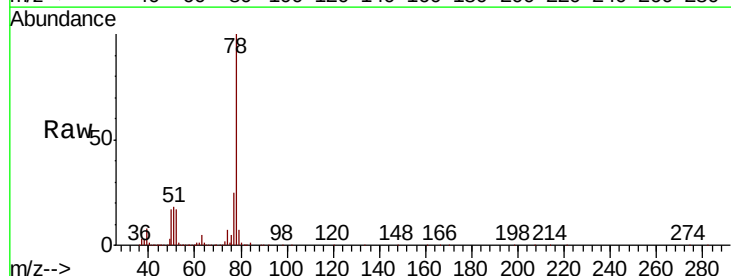
RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

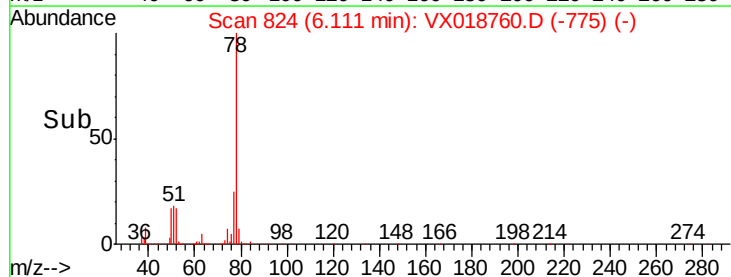
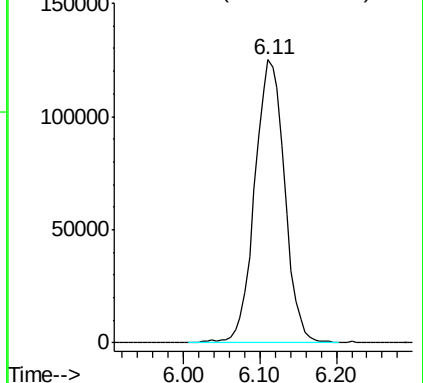
Lab File: VX018760.D

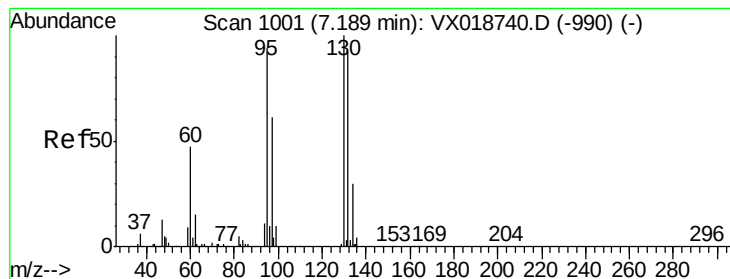
Acq: 02 Oct 2020 20:42

Tgt Ion: 78 Resp: 341537



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 4.935 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTD00591

Tot Ion: 95 Resp: 98301

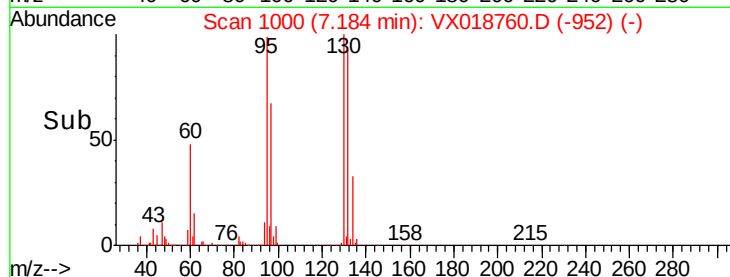
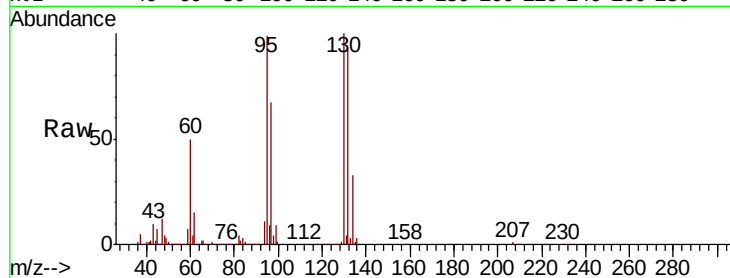
Ion Ratio Lower Upper

95 100

97 67.3 45.3 84.1

132 94.0 68.6 127.4

130 101.0 74.5 138.3

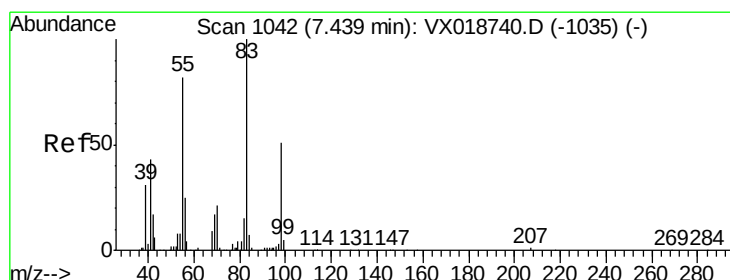
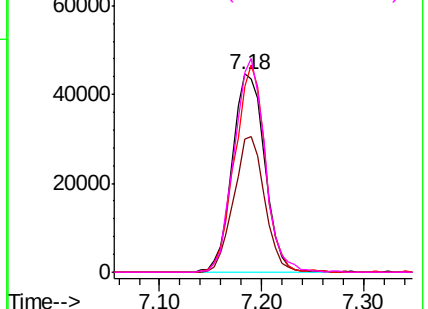


Abundance Ion 95.00 (94.70 to 95.70): VX0

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: 5.266 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

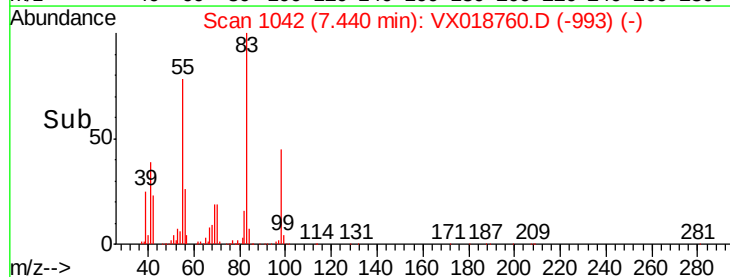
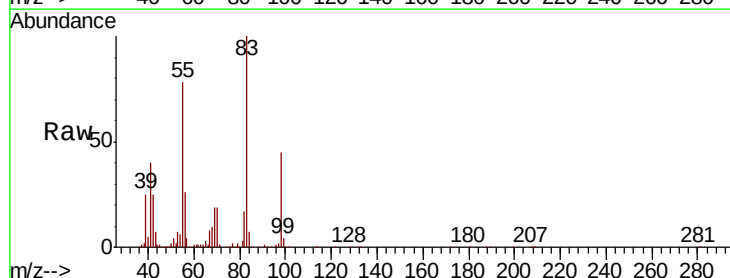
Tgt Ion: 83 Resp: 148644

Ion Ratio Lower Upper

83 100

55 75.4 60.3 90.5

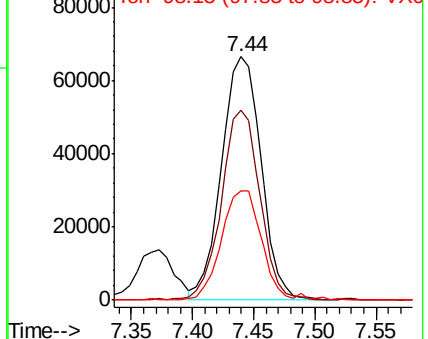
98 44.9 39.4 59.0

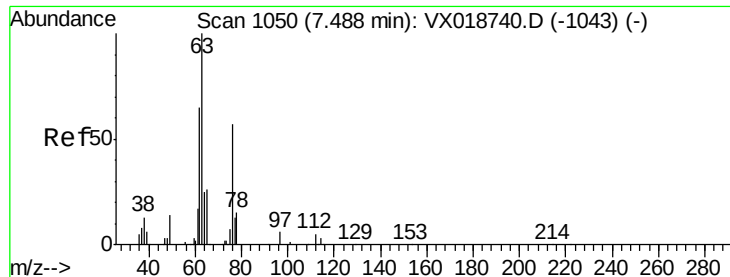


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

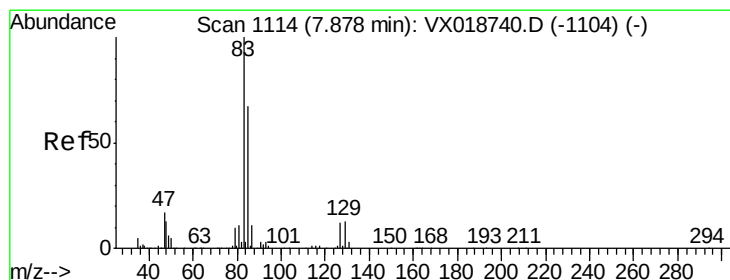
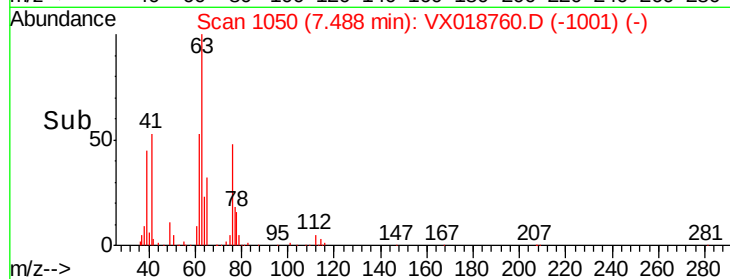
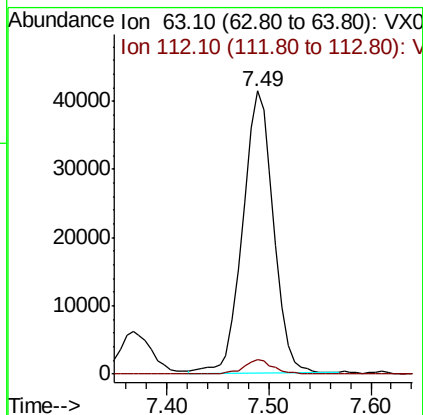
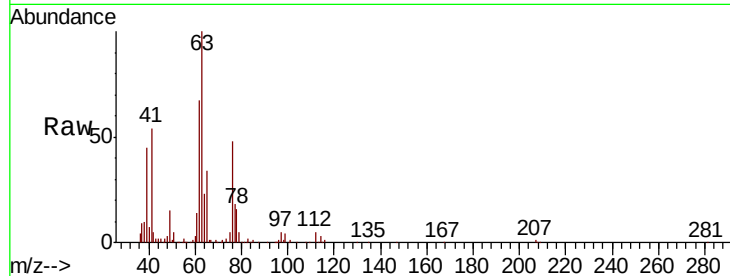




#37
 1,2-Dichloropropane
 Concen: 5.126 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

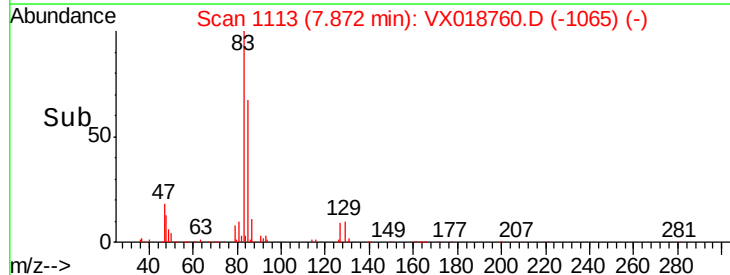
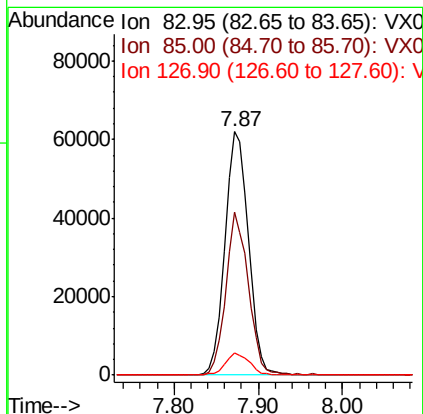
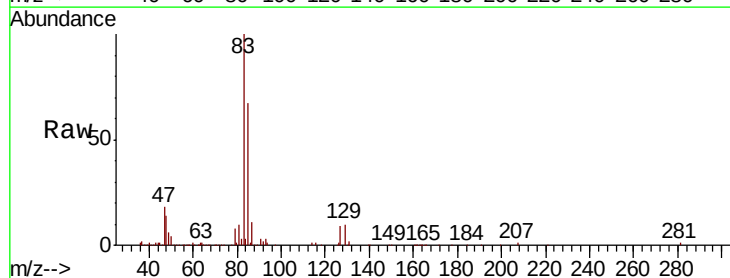
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00591

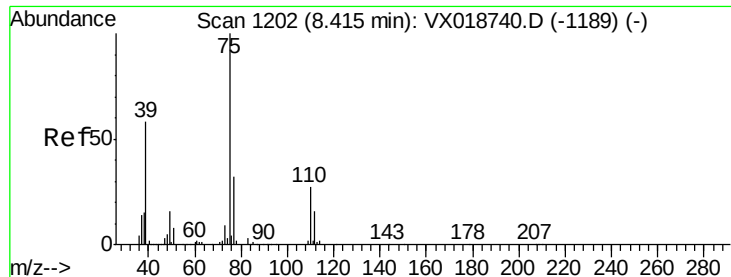
Tot Ion: 63 Resp: 86636
 Ion Ratio Lower Upper
 63 100
 112 4.7 4.7 7.1#



#38
 Bromodichloromethane
 Concen: 4.356 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Tgt Ion: 83 Resp: 117423
 Ion Ratio Lower Upper
 83 100
 85 67.0 46.6 86.6
 127 8.9 9.9 14.9#





#39

cis-1,3-Dichloropropene

Concen: 4.797 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

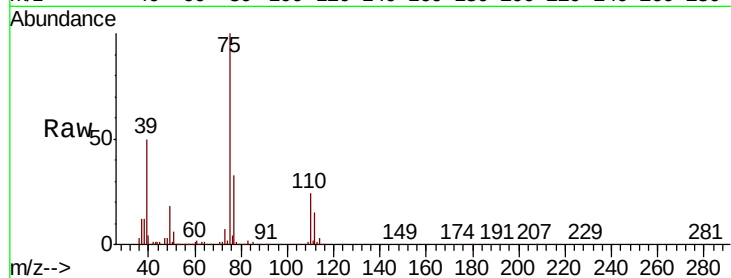
VSTD00591

Tot Ion: 75 Resp: 129404

Ion Ratio Lower Upper

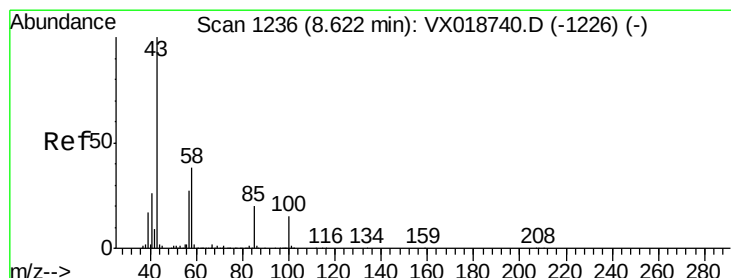
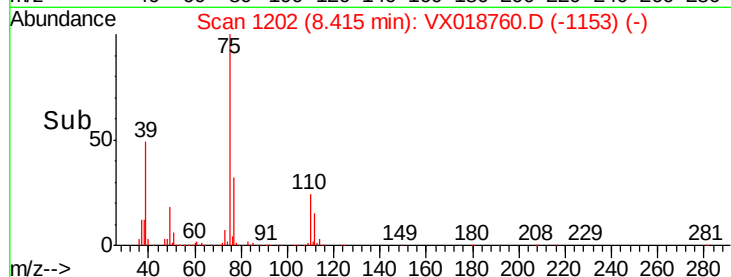
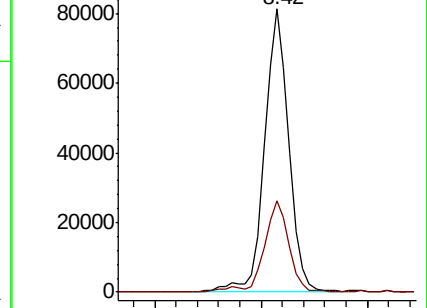
75 100

77 32.5 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



#40

4-Methyl-2-pentanone

Concen: 52.569 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

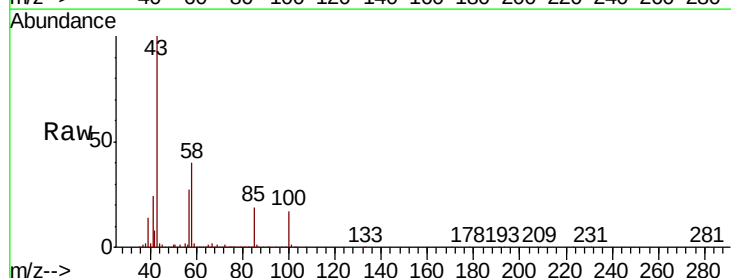
Tgt Ion: 43 Resp: 514718

Ion Ratio Lower Upper

43 100

58 39.5 30.8 46.2

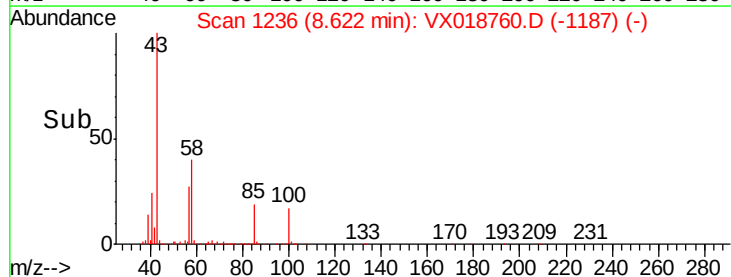
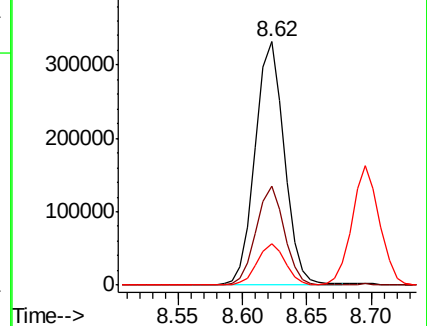
100 16.5 13.2 19.8

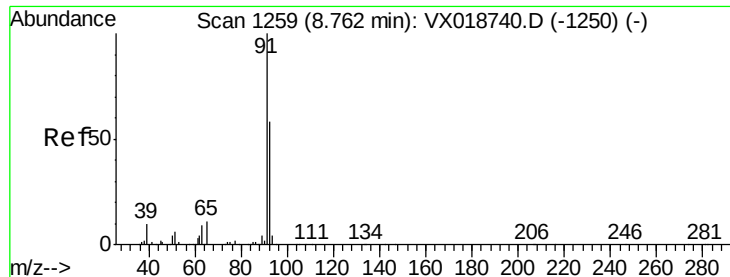


Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 100.15 (99.85 to 100.85): VX0





#42

Toluene

Concen: 9.934 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampled :

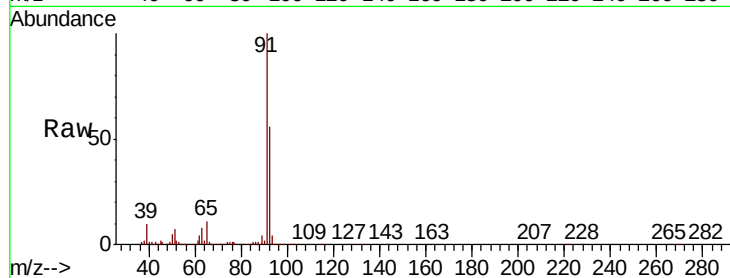
VSTD00591

Tot Ion: 91 Resp: 733364

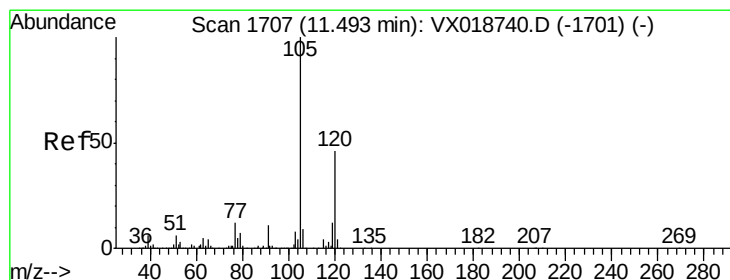
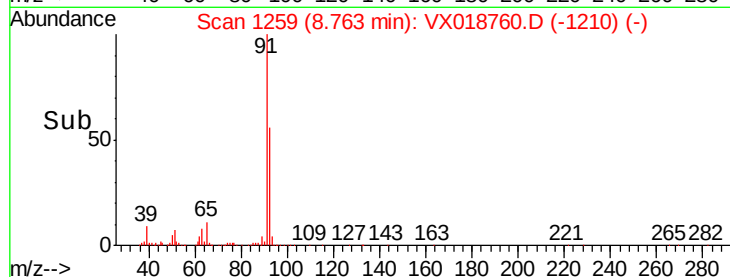
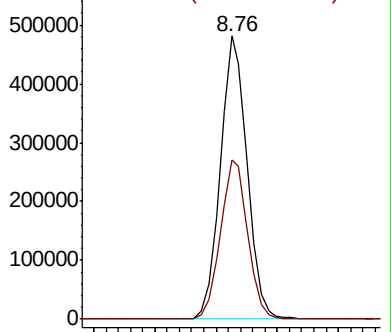
Ion Ratio Lower Upper

91 100

92 56.4 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX018740.D (-1250) (-)



#43

1,3,5-Trimethylbenzene

Concen: 5.338 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018760.D

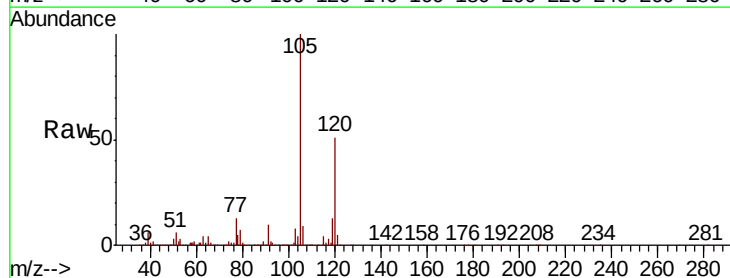
Acq: 02 Oct 2020 20:42

Tgt Ion: 105 Resp: 372953

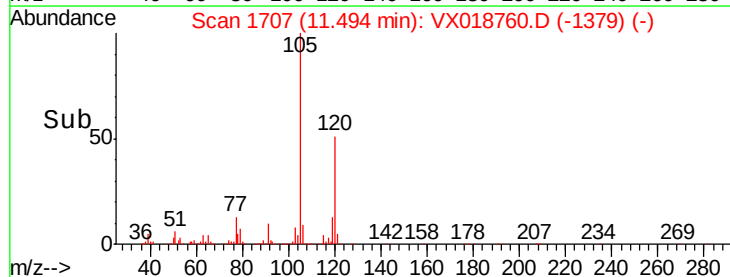
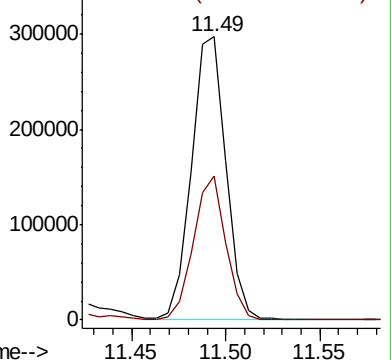
Ion Ratio Lower Upper

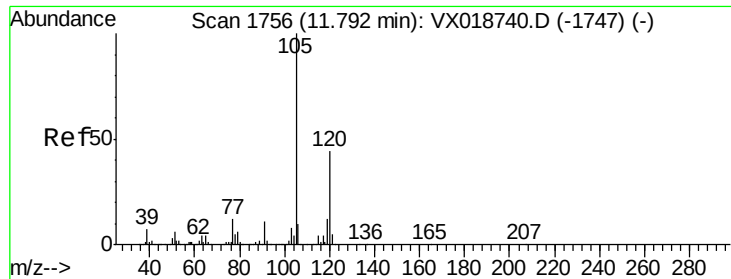
105 100

120 48.2 37.7 56.5



Abundance Ion 105.00 (104.70 to 105.70): VX018740.D (-1701) (-)

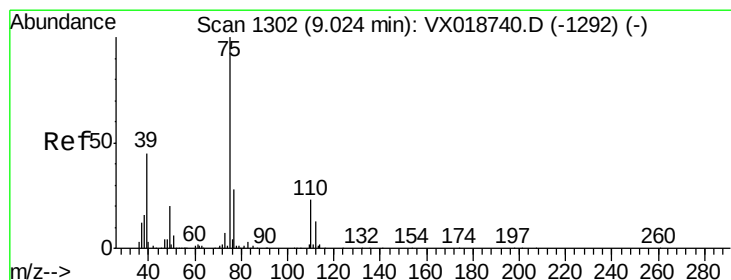
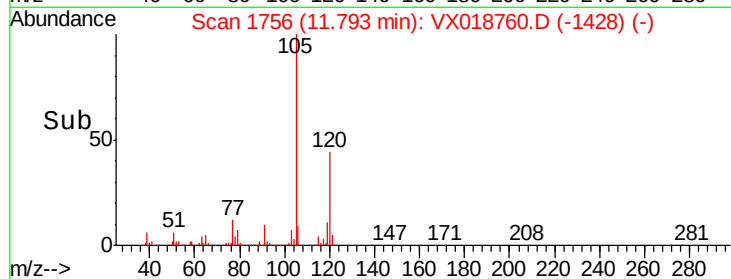
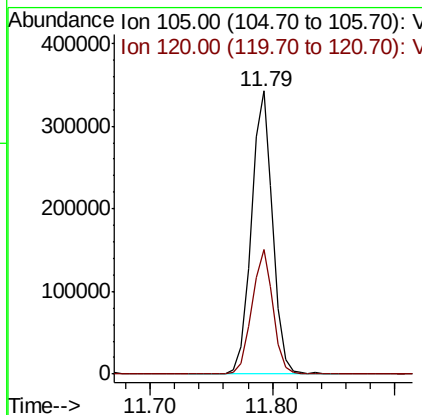
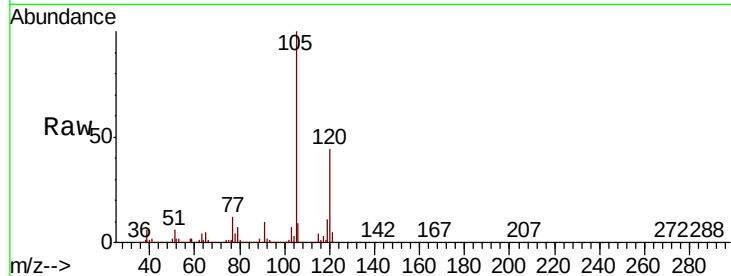




#44
 1,2,4-Trimethylbenzene
 Concen: 5.804 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

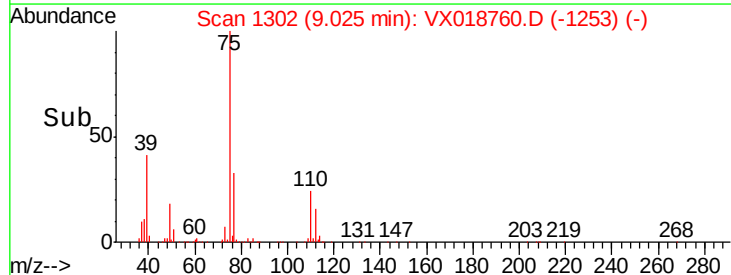
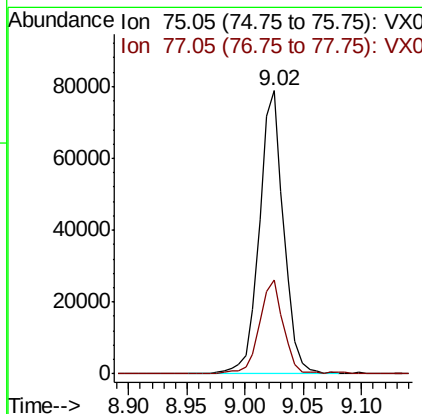
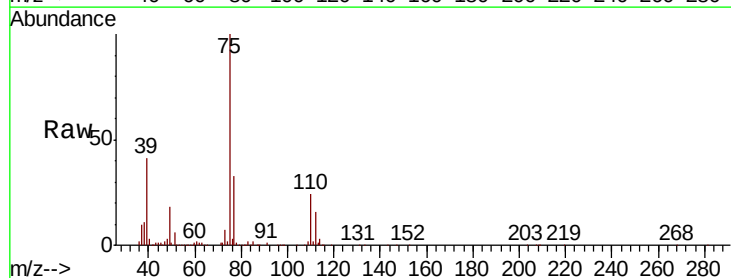
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00591

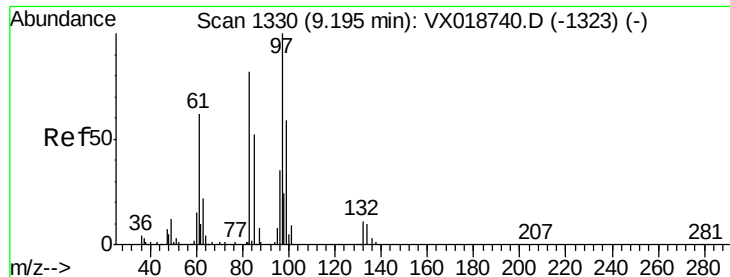
Tot Ion:105 Resp: 411577
 Ion Ratio Lower Upper
 105 100
 120 43.6 35.1 52.7



#46
 trans-1,3-Dichloropropene
 Concen: 4.615 ug/L
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Tgt Ion: 75 Resp: 114956
 Ion Ratio Lower Upper
 75 100
 77 33.3 19.9 37.0





#47

1,1,2-Trichloroethane

Concen: 4.765 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTD00591

Tot Ion: 97 Resp: 60778

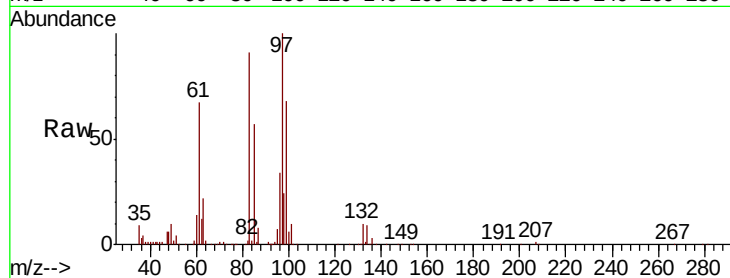
Ion Ratio Lower Upper

97 100

99 67.8 41.1 76.3

83 91.2 57.5 106.7

85 56.6 36.9 68.5

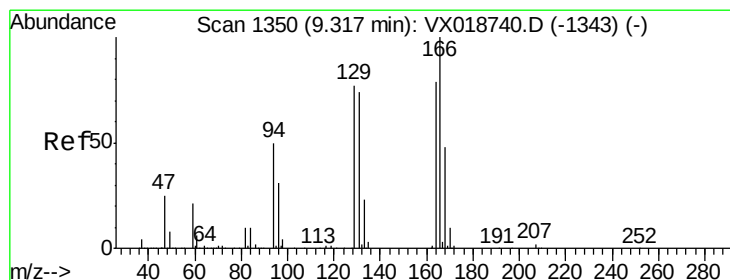
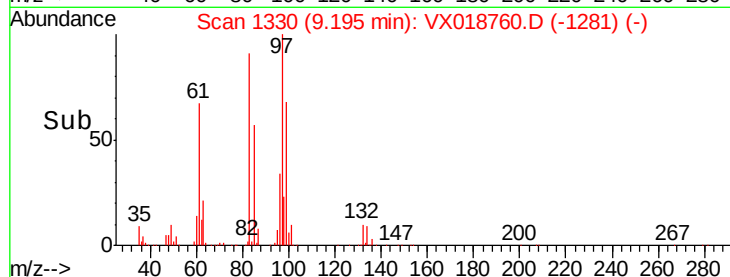
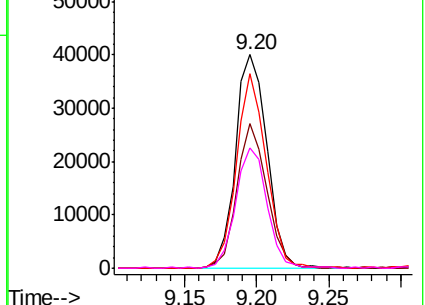


Abundance Ion 96.95 (96.65 to 97.65): VX0

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: 4.527 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Tgt Ion: 164 Resp: 78822

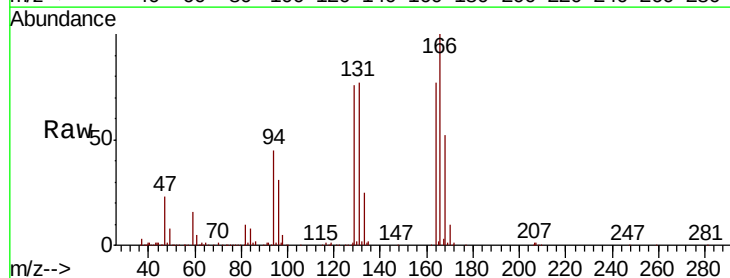
Ion Ratio Lower Upper

164 100

129 98.1 68.7 127.5

131 100.1 65.3 121.3

166 129.6 88.5 164.4

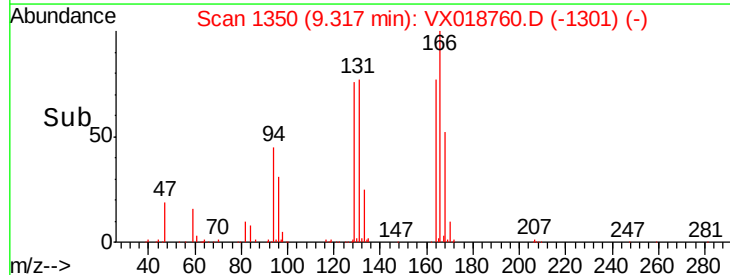
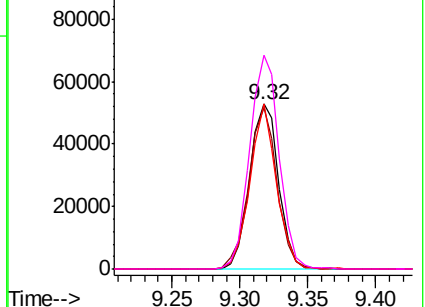


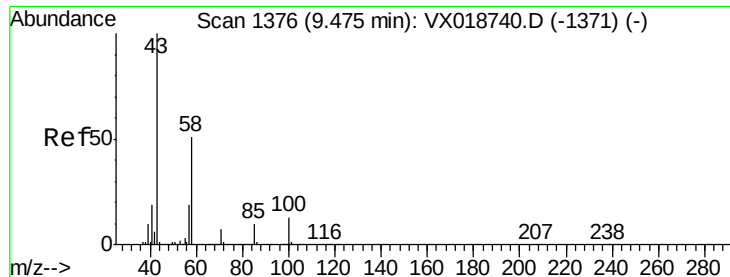
Abundance Ion 163.90 (163.60 to 164.60): V

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

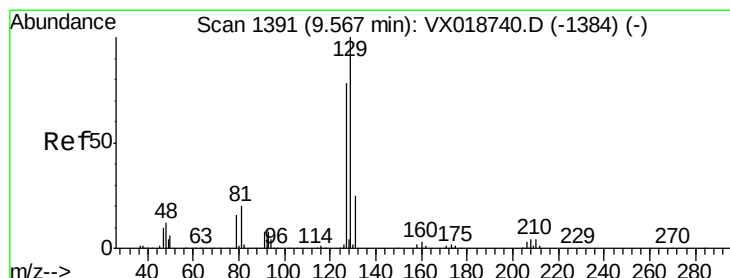
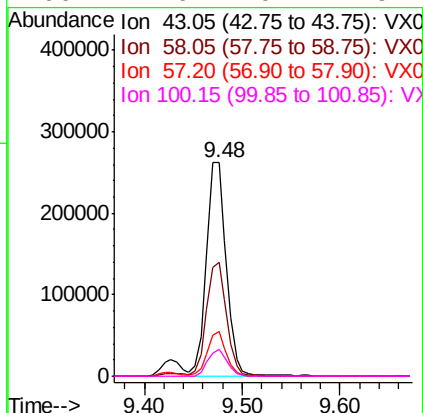
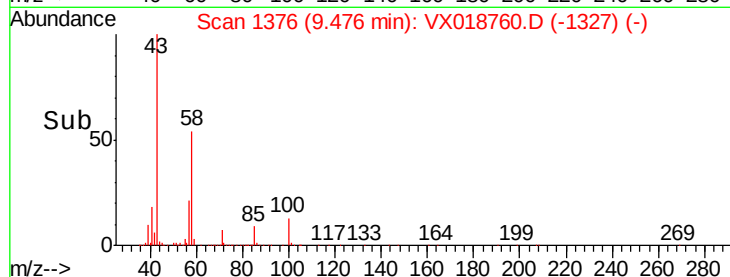
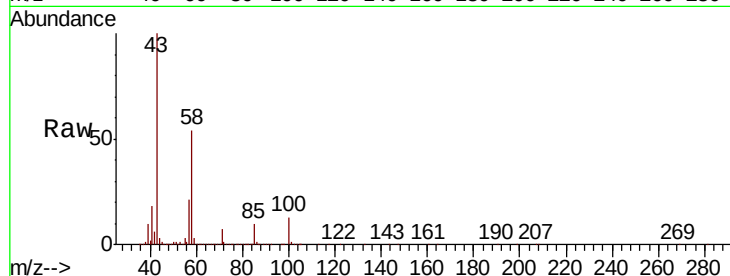




#50
2-Hexanone
Concen: 51.903 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018760.D
Acq: 02 Oct 2020 20:42

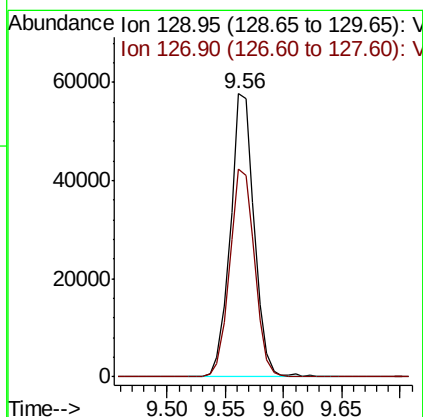
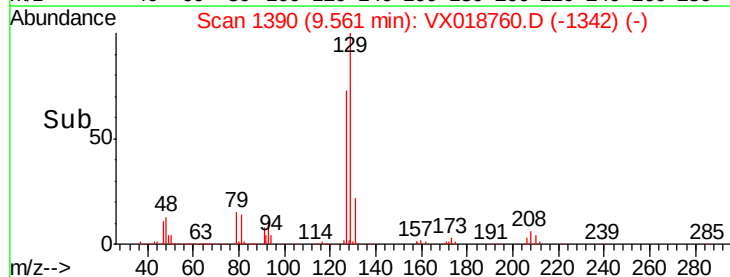
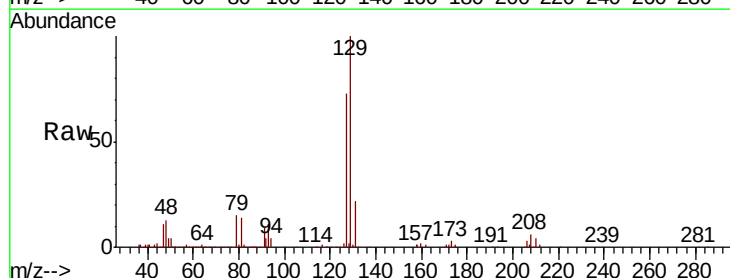
Instrument :
MSVOA_X
ClientSampleId :
VSTD00591

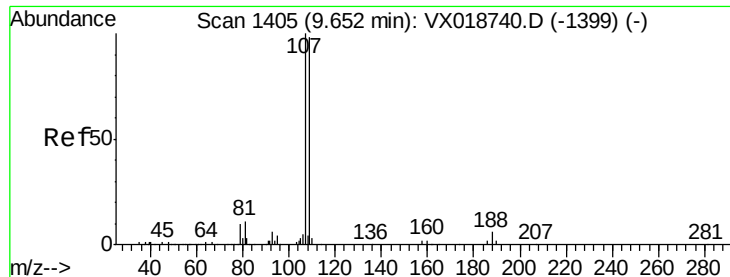
Tot Ion: 43 Resp: 369100
Ion Ratio Lower Upper
43 100
58 53.9 41.0 61.4
57 20.2 15.9 23.9
100 12.6 10.1 15.1



#51
Dibromochloromethane
Concen: 4.455 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018760.D
Acq: 02 Oct 2020 20:42

Tgt Ion: 129 Resp: 82593
Ion Ratio Lower Upper
129 100
127 73.3 54.5 101.1

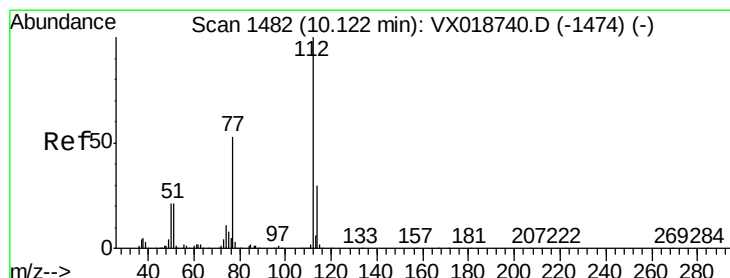
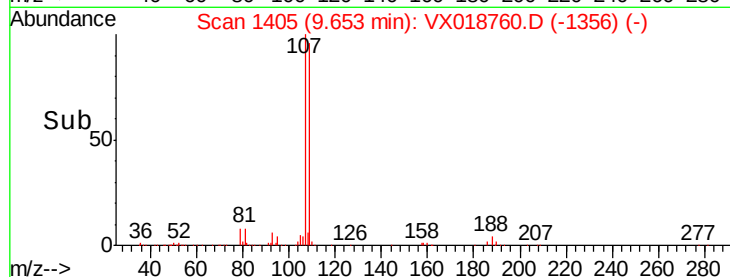
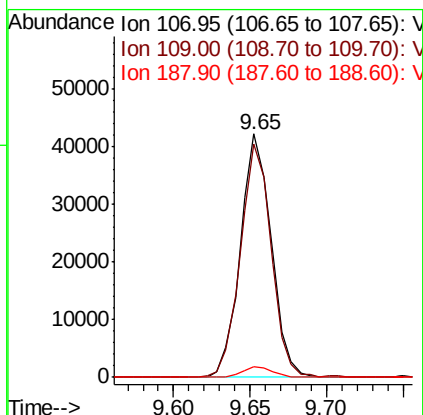
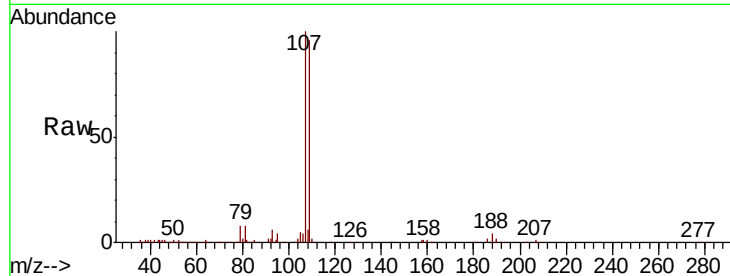




#52
 1,2-Dibromoethane
 Concen: 4.580 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

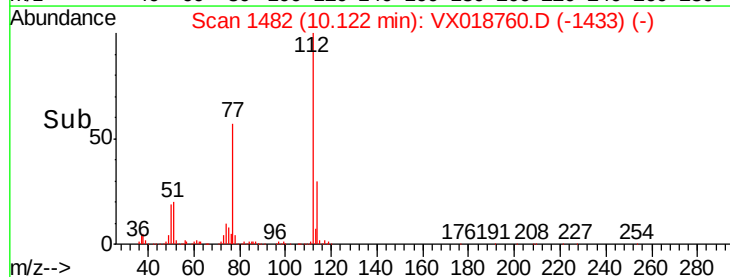
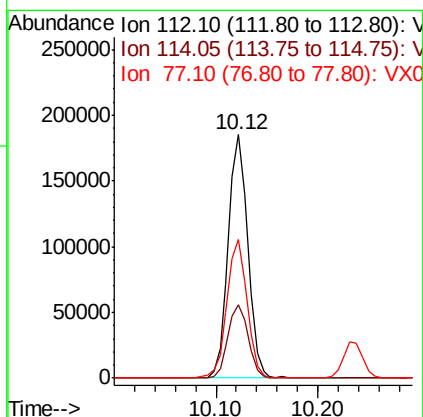
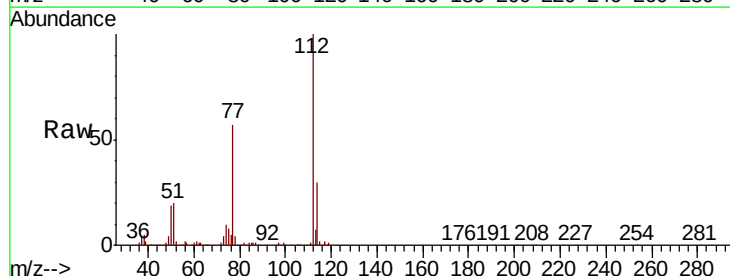
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00591

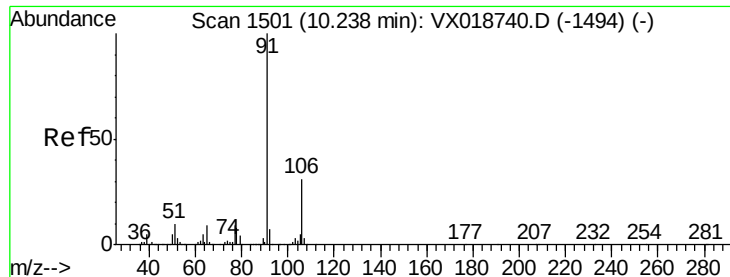
Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	68.7	127.5
188	4.3	4.5	6.7#



#53
 Chlorobenzene
 Concen: 4.857 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.4	21.3	39.5
77	56.7	42.4	63.6





#54

Ethylbenzene

Concen: 5.139 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

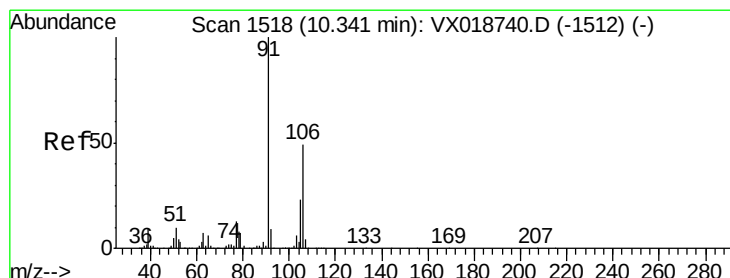
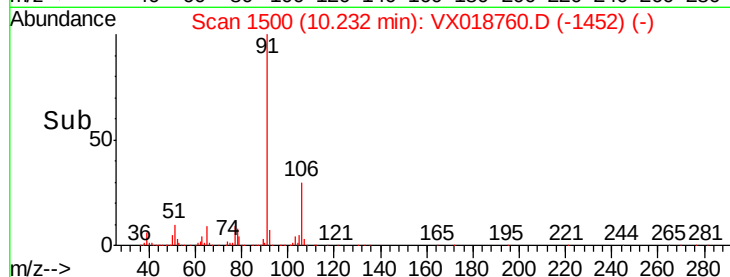
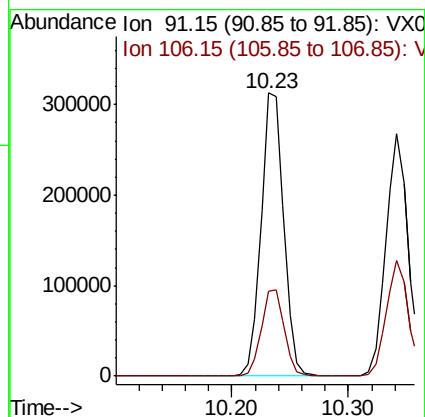
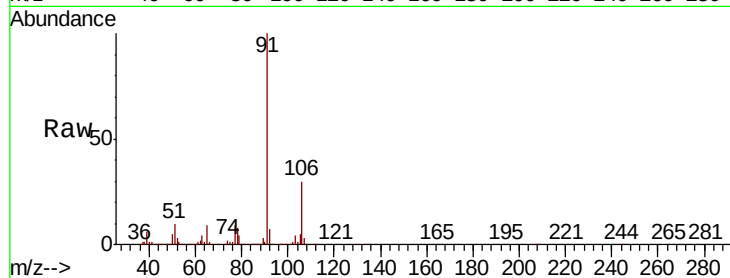
VSTD00591

Tot Ion: 91 Resp: 425245

Ion Ratio Lower Upper

91 100

106 30.2 21.5 39.9



#55

m,p-xylene

Concen: 5.248 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018760.D

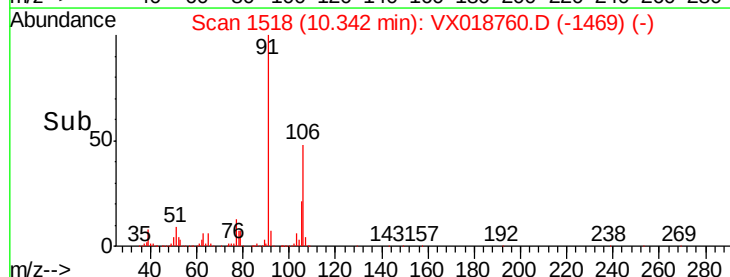
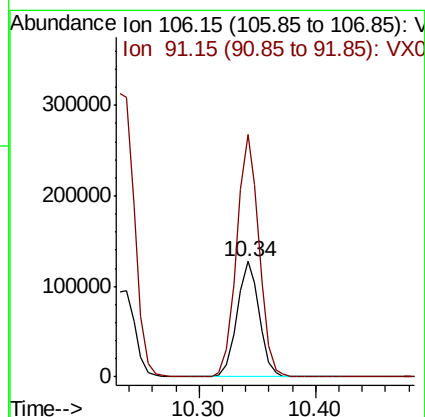
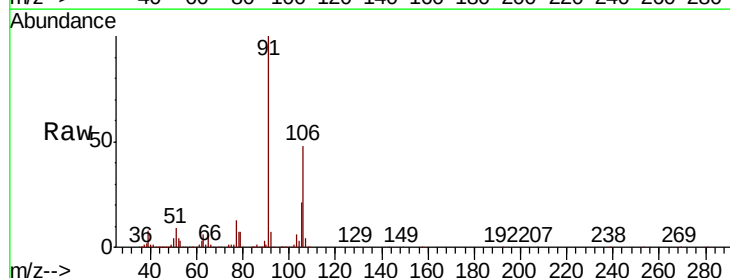
Acq: 02 Oct 2020 20:42

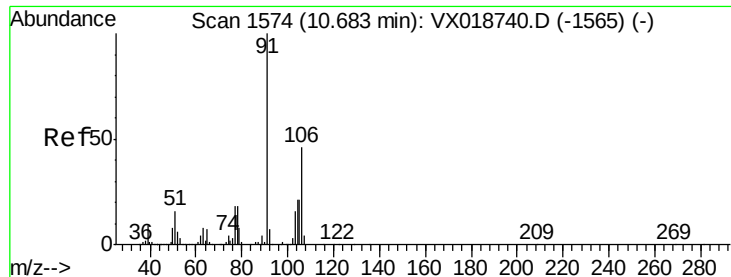
Tgt Ion: 106 Resp: 169390

Ion Ratio Lower Upper

106 100

91 210.2 143.4 266.2

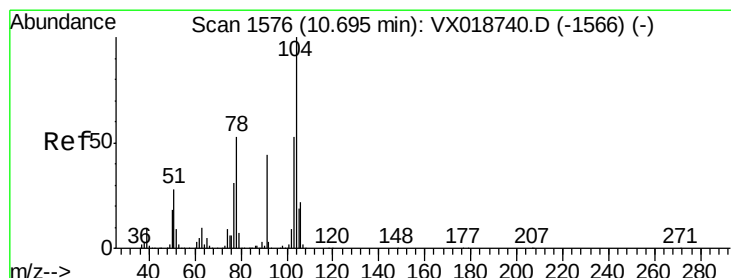
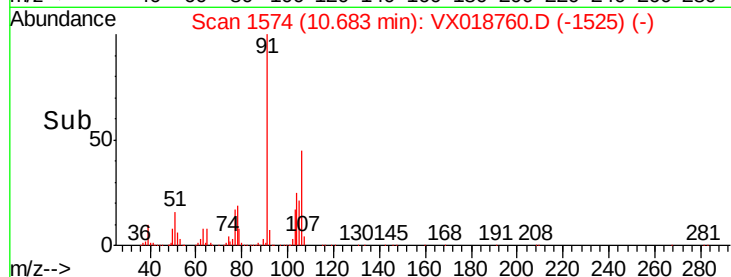
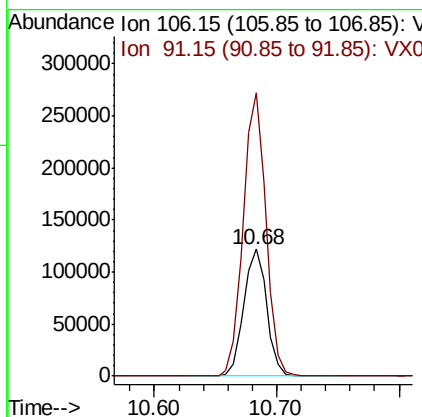
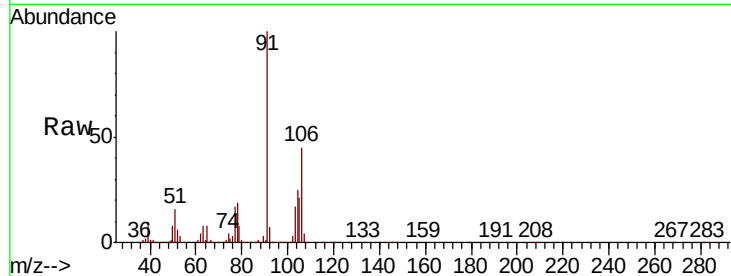




#56
o-xylene
Concen: 5.313 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018760.D
Acq: 02 Oct 2020 20:42

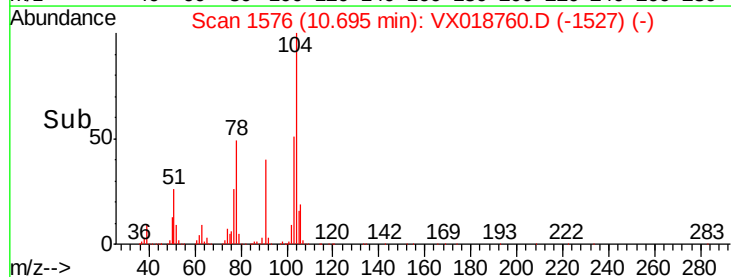
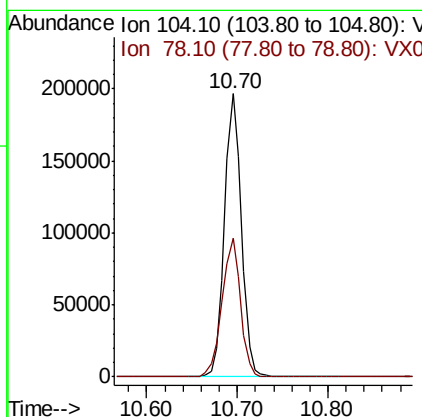
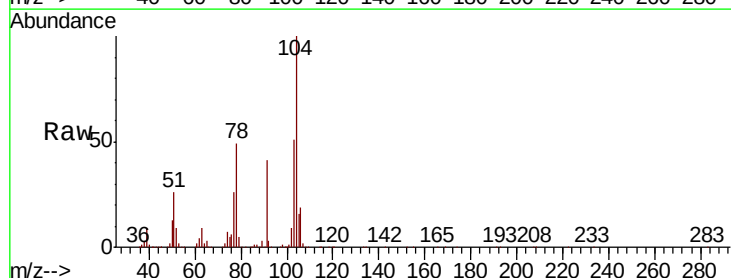
Instrument :
MSVOA_X
ClientSampled :
VSTD00591

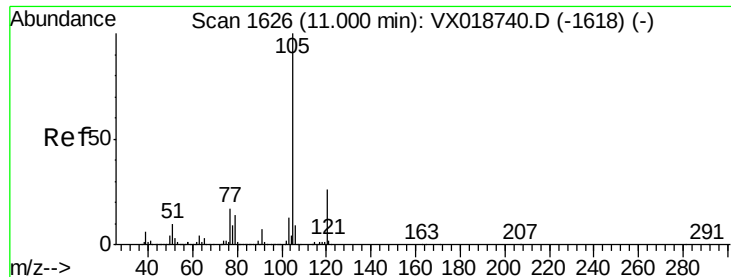
Tot Ion:106 Resp: 158491
Ion Ratio Lower Upper
106 100
91 223.4 153.4 284.8



#57
Styrene
Concen: 5.021 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018760.D
Acq: 02 Oct 2020 20:42

Tgt Ion:104 Resp: 255527
Ion Ratio Lower Upper
104 100
78 49.1 37.1 68.9





#58

Isopropylbenzene

Concen: 5.143 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTD00591

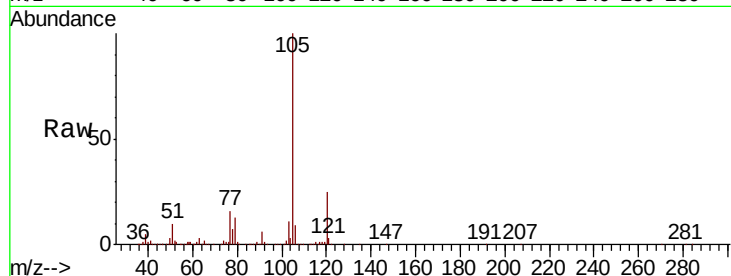
Tot Ion:105 Resp: 429471

Ion Ratio Lower Upper

105 100

120 26.1 20.2 30.2

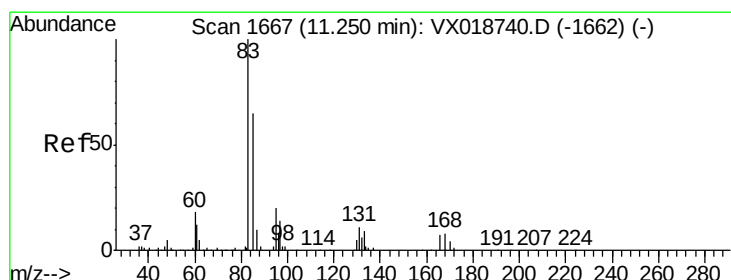
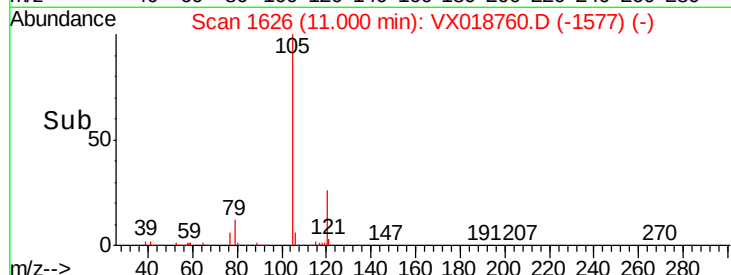
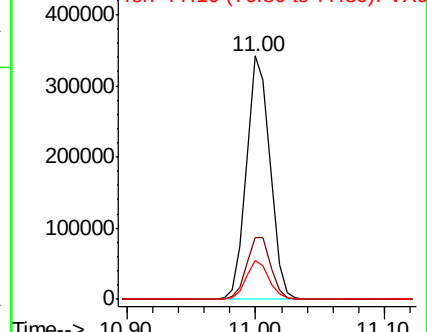
77 15.6 13.3 19.9



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: 5.227 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

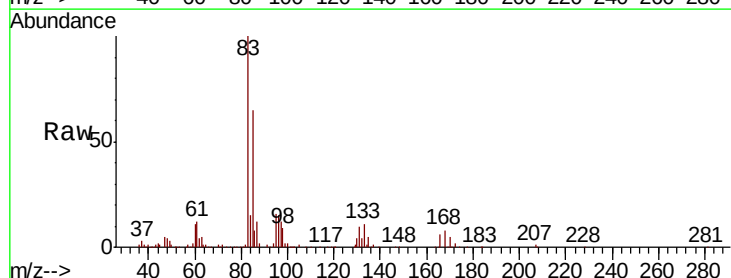
Tgt Ion: 83 Resp: 73894

Ion Ratio Lower Upper

83 100

85 64.7 46.5 86.5

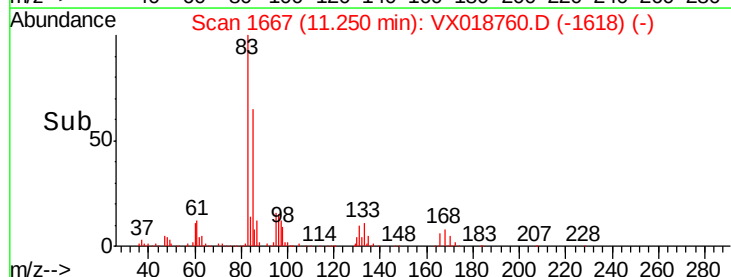
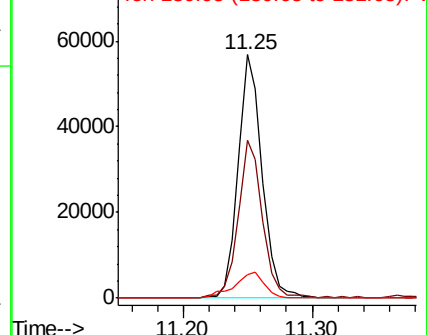
131 9.8 9.6 14.4

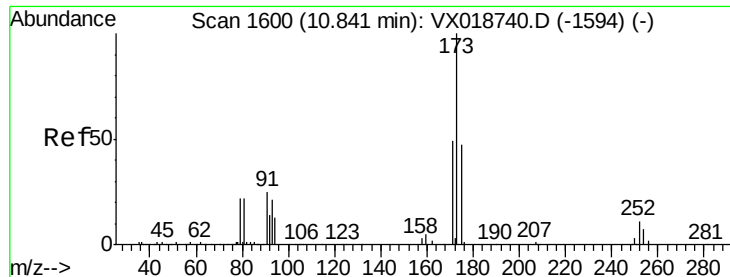


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 4.539 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTD00591

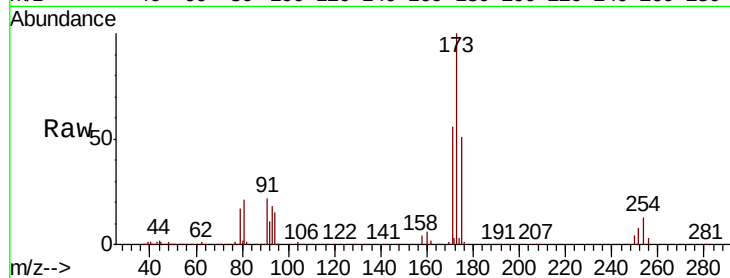
Tot Ion:173 Resp: 47679

Ion Ratio Lower Upper

173 100

175 51.2 37.8 56.8

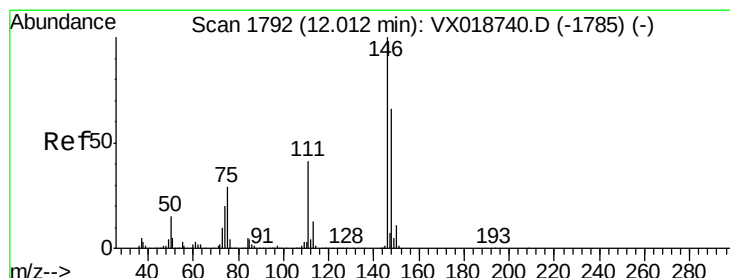
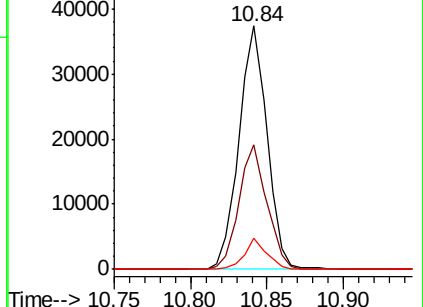
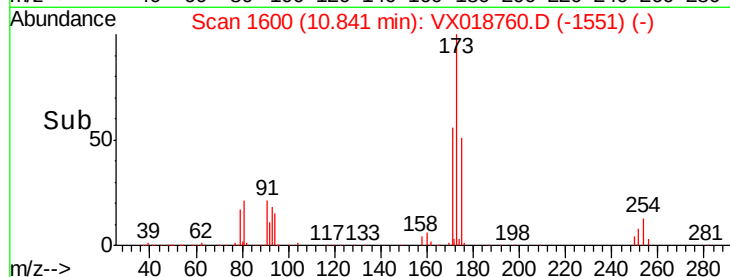
254 10.3 7.2 10.8



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: 5.171 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

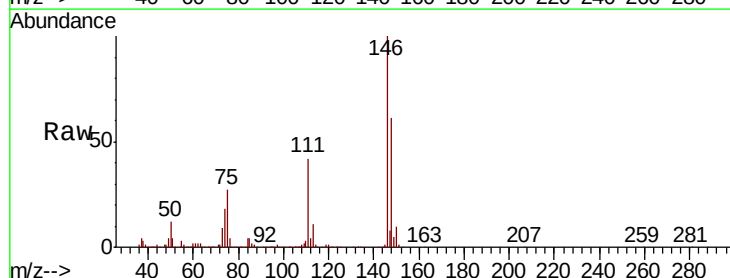
Tgt Ion:146 Resp: 199754

Ion Ratio Lower Upper

146 100

111 42.4 28.4 52.8

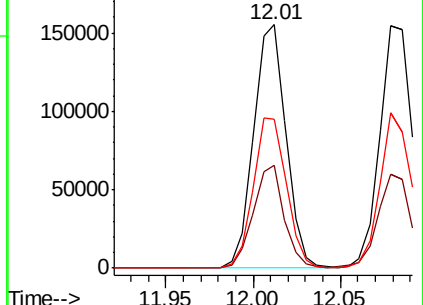
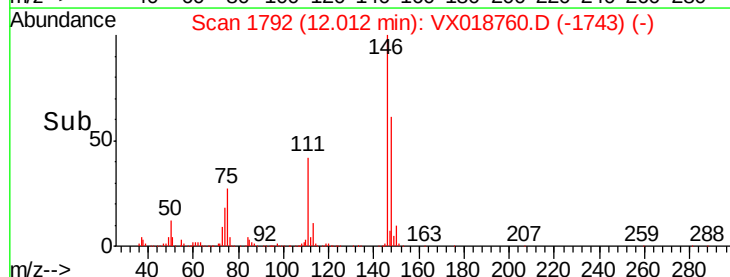
148 60.9 45.9 85.3

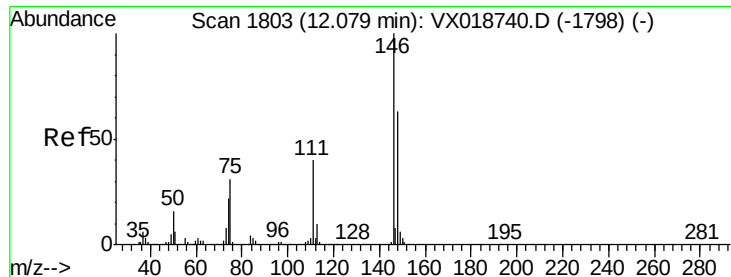


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

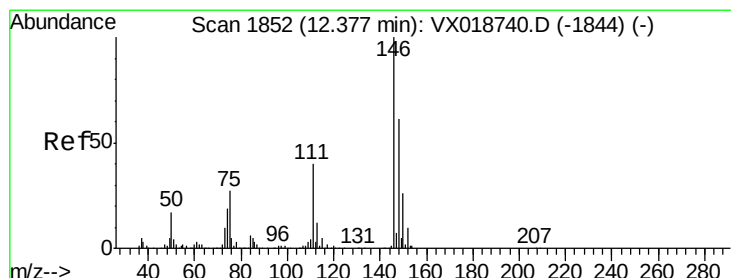
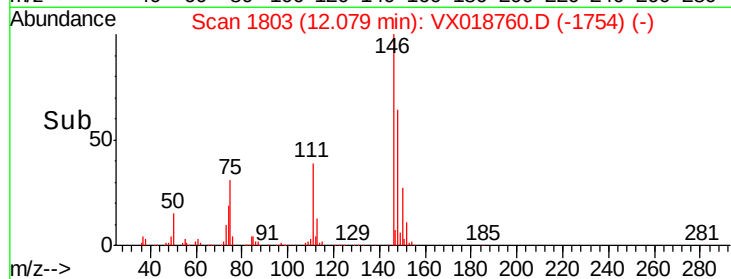
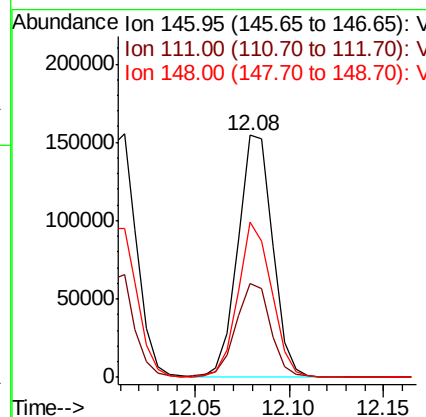
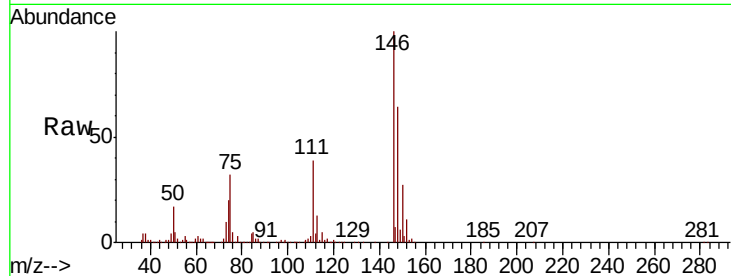




#64
 1,4-Dichlorobenzene
 Concen: 5.131 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

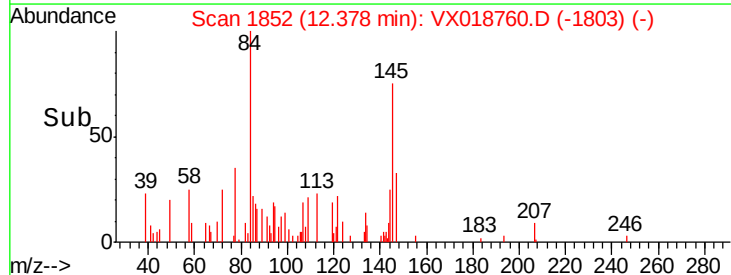
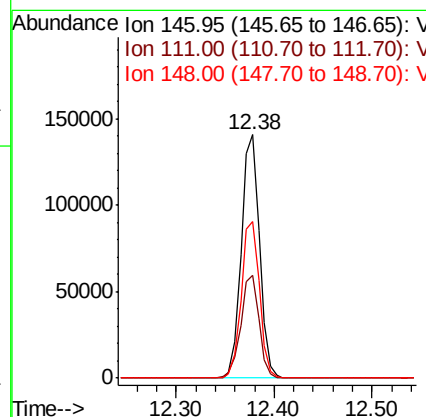
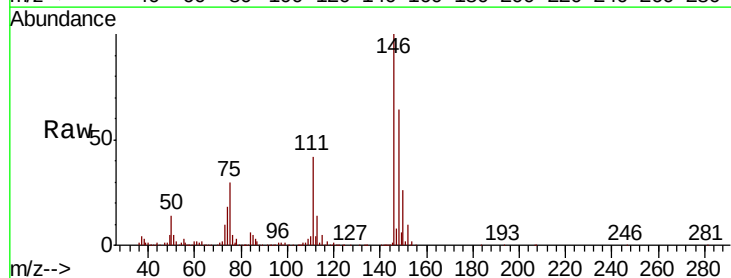
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00591

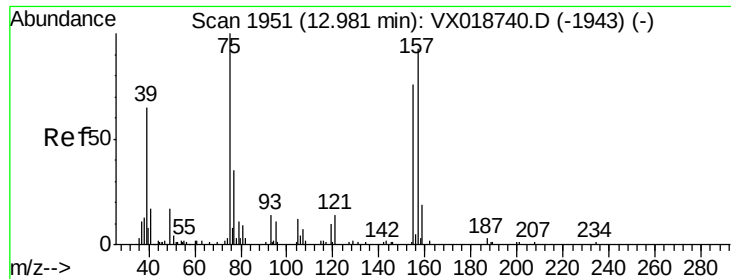
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	28.6	53.2
148	64.2	44.2	82.0



#66
 1,2-Dichlorobenzene
 Concen: 5.028 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	31.7	47.5
148	64.1	49.0	73.6





#67

1,2-Dibromo-3-chloropropane

Concen: 4.031 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTD00591

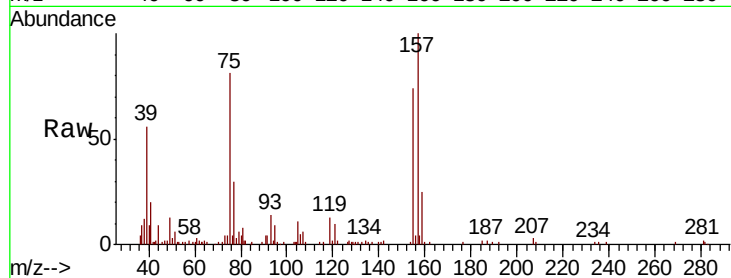
Tot Ion: 75 Resp: 12390

Ion Ratio Lower Upper

75 100

155 90.5 61.1 91.7

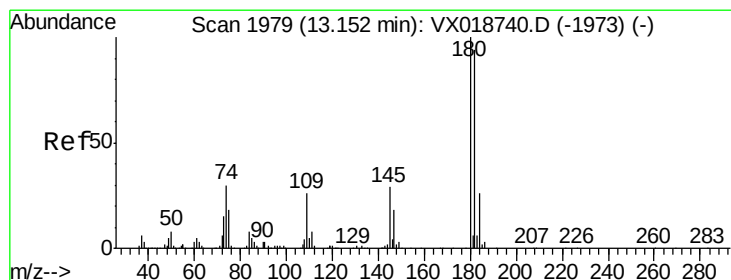
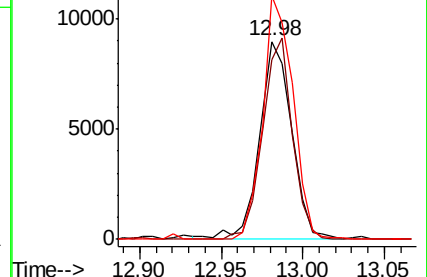
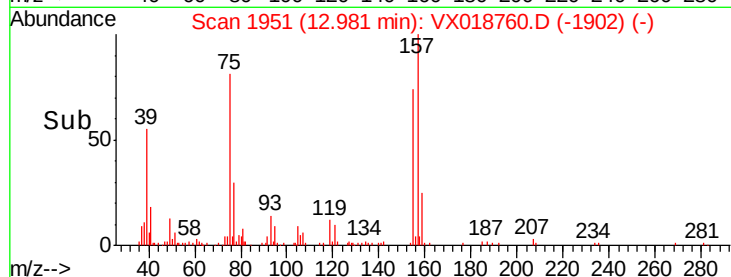
157 122.9 74.2 111.2#



Abundance Ion 75.05 (74.75 to 75.75): VX018760.D (-1902) (-)

15000 Ion 154.95 (154.65 to 155.65): VX018760.D (-1902) (-)

Ion 156.90 (156.60 to 157.60): VX018760.D (-1902) (-)



#68

1,3,5-Trichlorobenzene

Concen: 4.873 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX018760.D

Acq: 02 Oct 2020 20:42

Tgt Ion: 180 Resp: 144916

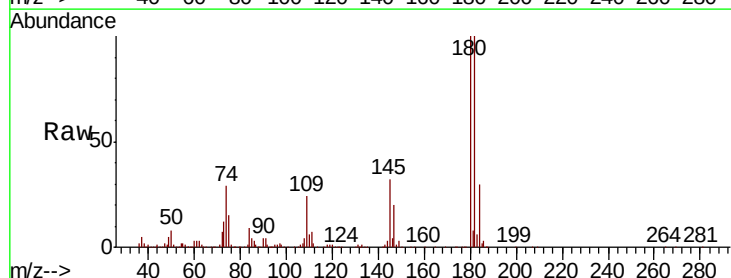
Ion Ratio Lower Upper

180 100

182 94.2 74.1 111.1

184 29.6 23.4 35.2

145 29.9 23.6 35.4

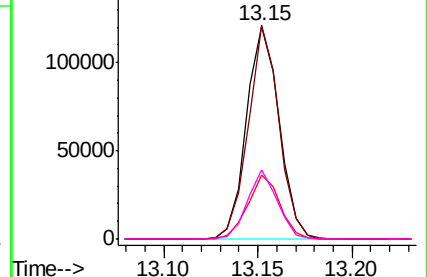
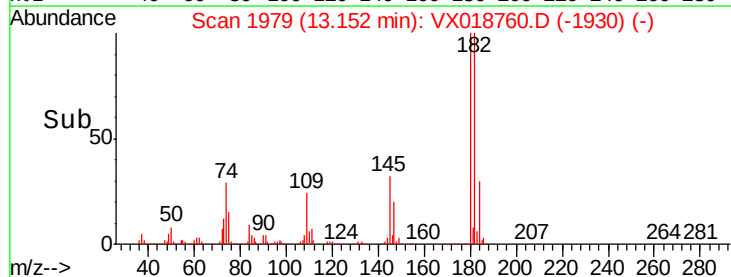


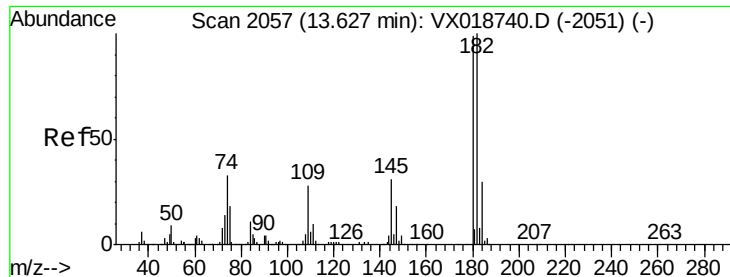
Abundance Ion 180.00 (179.70 to 180.70): VX018760.D (-1930) (-)

Ion 182.00 (181.70 to 182.70): VX018760.D (-1930) (-)

Ion 184.00 (183.70 to 184.70): VX018760.D (-1930) (-)

Ion 145.00 (144.70 to 145.70): VX018760.D (-1930) (-)

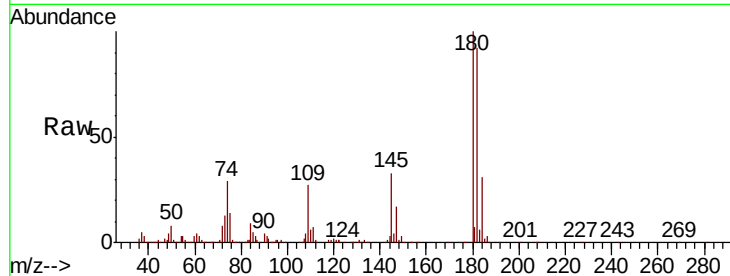




#69
 1,2,4-trichlorobenzene
 Concen: 5.288 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00591

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.0	80.2	120.4
145	30.9	25.2	37.8

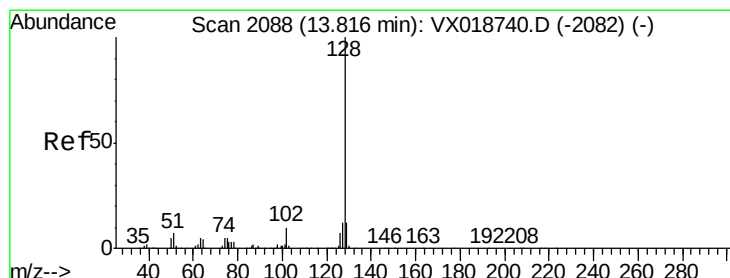
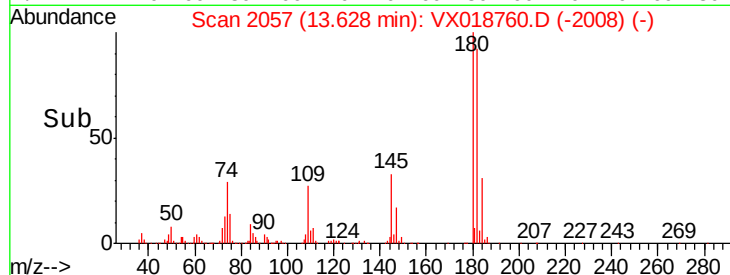
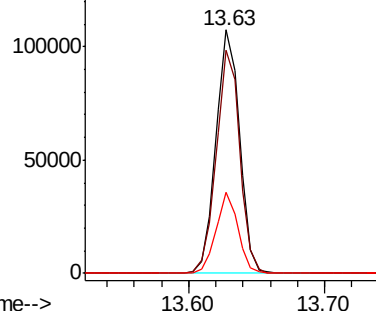


Abundance

Ion 179.90 (179.60 to 180.60): V

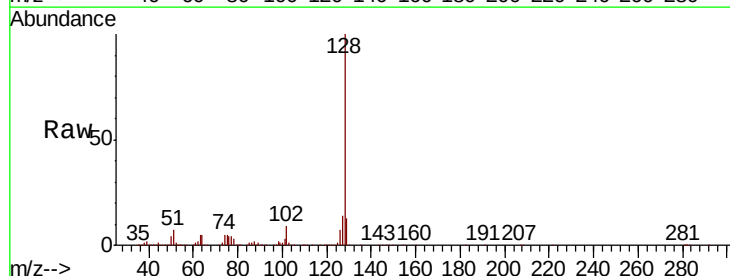
Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#70
 Naphthalene
 Concen: 6.255 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.3	10.5	15.7

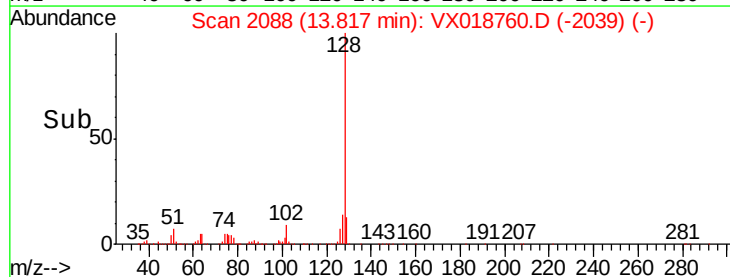
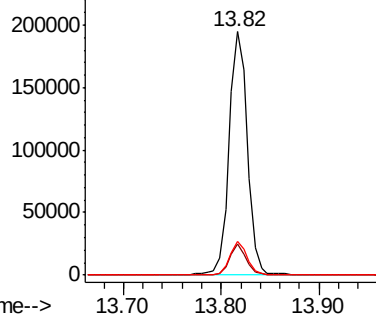


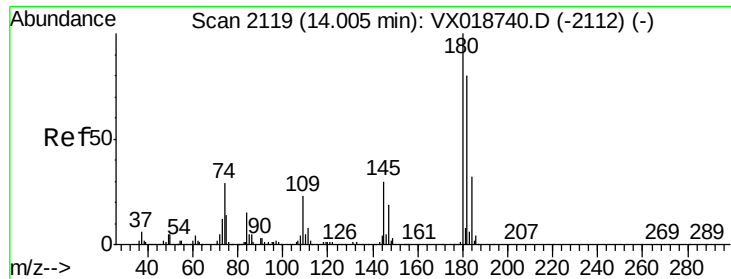
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#71
 1,2,3-Trichlorobenzene
 Concen: 5.456 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX018760.D
 Acq: 02 Oct 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00591

Tot Ion:180	Resp:	121177
Ion Ratio	Lower	Upper
180	100	
182	90.2	73.6 110.4
145	33.3	26.6 40.0

