

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX100220\
 Data File : VX018742.D
 Acq On : 02 Oct 2020 12:08
 Operator : JC/SP
 Sample : VSTD02062
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02062

Quant Time: Oct 02 12:30:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 11:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	189551	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	181048	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	101553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	225300	17.90	ug/L	0.00
7) Chloroethane-d5	1.70	69	176322	17.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	529359	20.21	ug/L	0.00
20) 2-Butanone-d5	4.56	46	661132	201.02	ug/L	0.00
24) Chloroform-d	5.14	84	572610	21.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	337101	22.86	ug/L	0.00
32) Benzene-d6	6.05	84	969764	20.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	275392	18.69	ug/L	0.00
41) Toluene-d8	8.70	98	949158	20.56	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	150256	22.64	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	567156	215.12	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	231707	20.36	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	402769	21.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	274916	13.659 ug/L	98
3) Chloromethane	1.31	50	187957	11.652 ug/L	99
5) Vinyl chloride	1.39	62	211986	12.998 ug/L	96
6) Bromomethane	1.64	94	132243	13.977 ug/L	95
8) Chloroethane	1.71	64	125923	13.734 ug/L	97
9) Trichlorofluoromethane	1.92	101	470907	17.329 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	223628	15.529 ug/L	96
12) 1,1-Dichloroethene	2.35	96	206246	15.451 ug/L	93
13) Acetone	2.46	43	332460	142.481 ug/L	98
14) Carbon disulfide	2.55	76	622051	13.079 ug/L	100
15) Methyl Acetate	2.76	43	78805	11.620 ug/L	94
16) Methylene chloride	2.84	84	200663	10.771 ug/L	99
17) Methyl tert-butyl Ether	3.17	73	540062	15.121 ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	212199	13.983 ug/L	94
19) 1,1-Dichloroethane	3.67	63	382035	14.154 ug/L	98
21) 2-Butanone	4.66	43	501465	127.358 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	227158	14.353 ug/L	# 91
23) Bromochloromethane	4.99	128	104431	14.069 ug/L	98
25) Chloroform	5.18	83	434119	14.740 ug/L	100
27) 1,2-Dichloroethane	6.17	62	312476	16.402 ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	444268	15.885 ug/L	98
30) Cyclohexane	5.55	56	324200	13.904 ug/L	99
31) Carbon tetrachloride	5.76	117	427485	16.524 ug/L	99
33) Benzene	6.11	78	816679	13.965 ug/L	100
34) Trichloroethene	7.19	95	239839	13.914 ug/L	98
35) Methylcyclohexane	7.44	83	356876	14.828 ug/L	99
37) 1,2-Dichloropropane	7.49	63	194512	13.292 ug/L	# 96
38) Bromodichloromethane	7.88	83	317161	15.211 ug/L	# 95
39) cis-1,3-Dichloropropene	8.41	75	341569	14.966 ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	1247915	133.069 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
 Data File : VX018742.D
 Acq On : 02 Oct 2020 12:08
 Operator : JC/SP
 Sample : VSTD02062
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02062

Quant Time: Oct 02 12:30:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 11:50:55 2020
 Response via : Initial Calibration

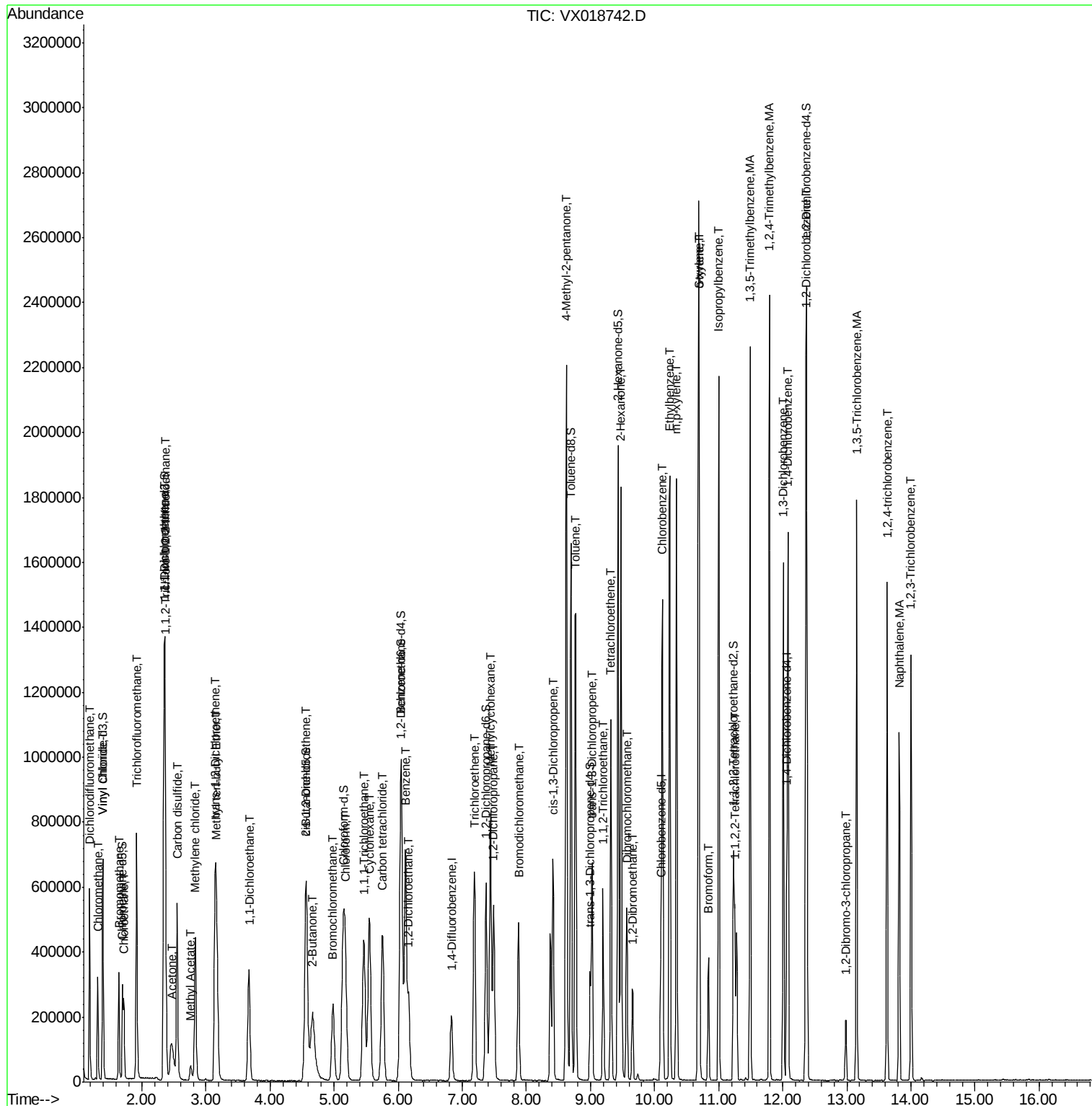
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.77	91	925854	14.564	ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	964809	16.562	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	993115	16.723	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	317686	15.599	ug/L	94
47) 1,1,2-Trichloroethane	9.20	97	149078	13.472	ug/L	96
49) Tetrachloroethene	9.32	164	208823	14.965	ug/L	96
50) 2-Hexanone	9.48	43	931898	138.743	ug/L	100
51) Dibromochloromethane	9.57	129	228620	14.958	ug/L	96
52) 1,2-Dibromoethane	9.65	107	150129	13.972	ug/L #	96
53) Chlorobenzene	10.12	112	609654	14.552	ug/L	95
54) Ethylbenzene	10.24	91	1060667	15.186	ug/L	100
55) m,p-xylene	10.34	106	418460	15.754	ug/L	96
56) o-xylene	10.68	106	390017	15.172	ug/L	93
57) Styrene	10.69	104	676413	15.649	ug/L	99
58) Isopropylbenzene	11.00	105	1101679	15.896	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	173760	14.308	ug/L	100
62) Bromoform	10.84	173	136047	14.445	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	523294	14.486	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	526437	14.573	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	489543	14.415	ug/L	92
67) 1,2-Dibromo-3-chloropropan	12.98	75	41063	13.862	ug/L	90
68) 1,3,5-Trichlorobenzene	13.15	180	408197	15.120	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	356577	15.048	ug/L	95
70) Naphthalene	13.82	128	629943	14.725	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	326447	14.762	ug/L	100

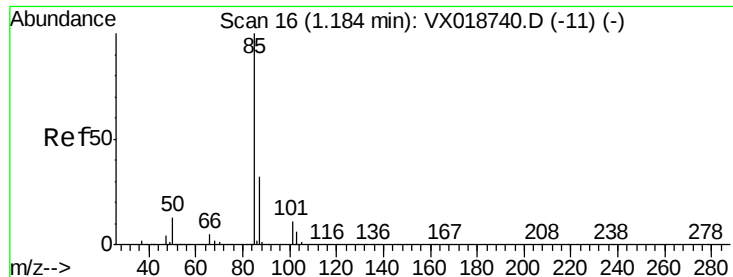
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018742.D
Acq On : 02 Oct 2020 12:08
Operator : JC/SP
Sample : VSTD02062
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD02062

Quant Time: Oct 02 12:30:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 11:50:55 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 13.659 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

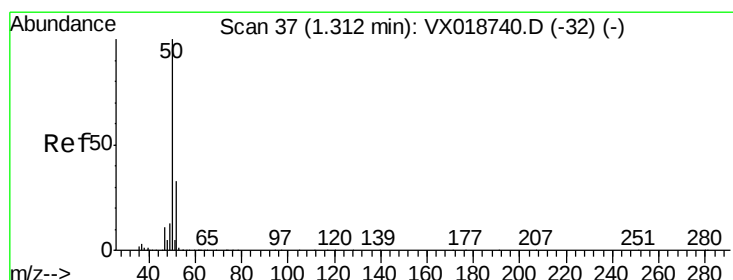
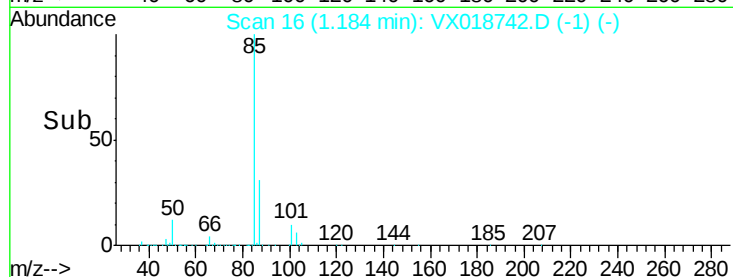
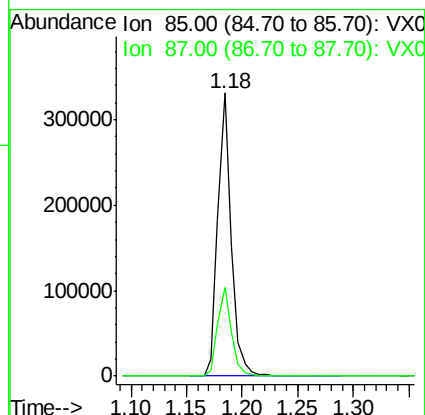
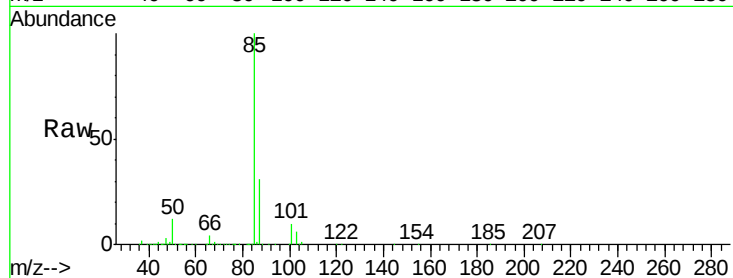
VSTD02062

Tgt Ion: 85 Resp: 274916

Ion Ratio Lower Upper

85 100

87 32.8 25.4 38.0



#3

Chloromethane

Concen: 11.652 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018742.D

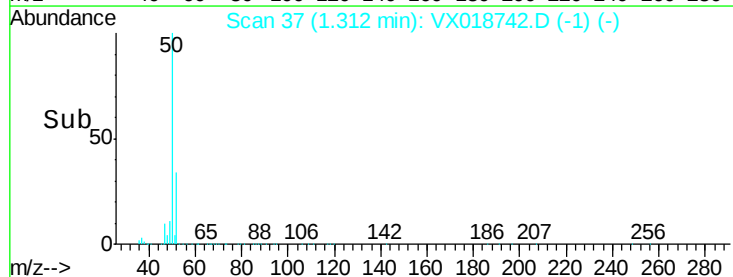
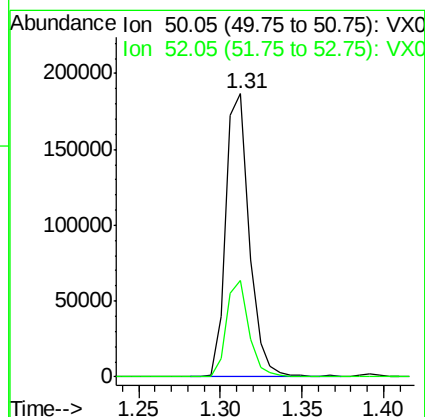
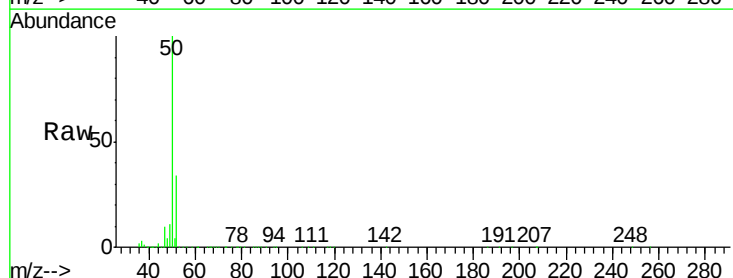
Acq: 02 Oct 2020 12:08

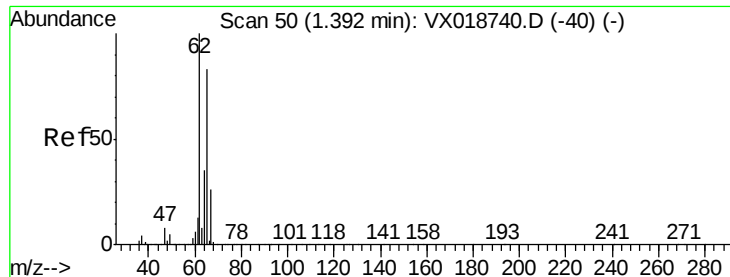
Tgt Ion: 50 Resp: 187957

Ion Ratio Lower Upper

50 100

52 34.3 23.4 43.6





#5

Vinyl chloride

Concen: 12.998 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

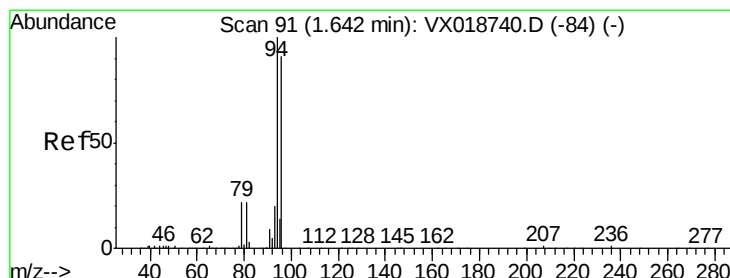
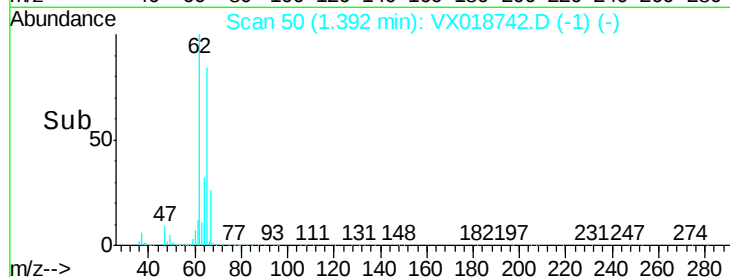
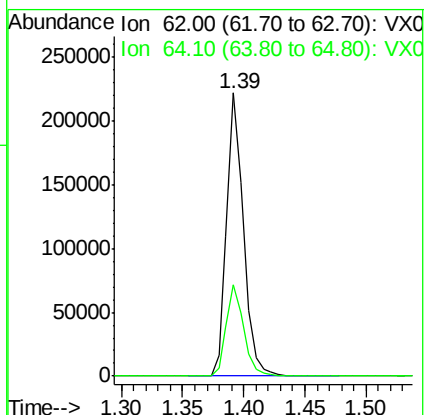
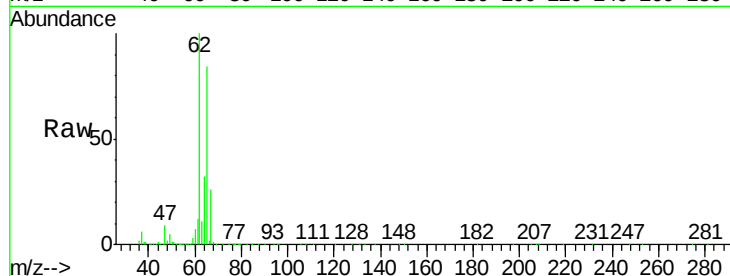
VSTD02062

Tgt Ion: 62 Resp: 211986

Ion Ratio Lower Upper

62 100

64 32.3 24.3 45.1



#6

Bromomethane

Concen: 13.977 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018742.D

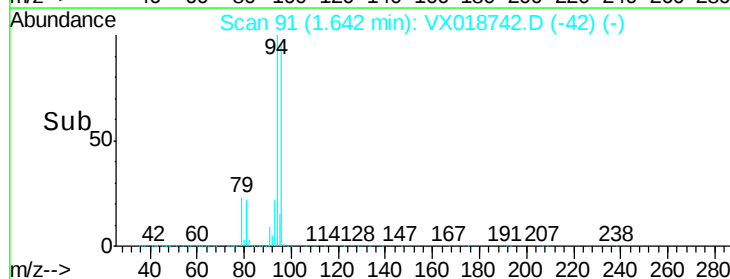
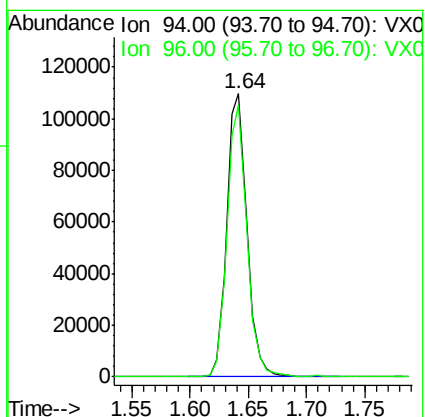
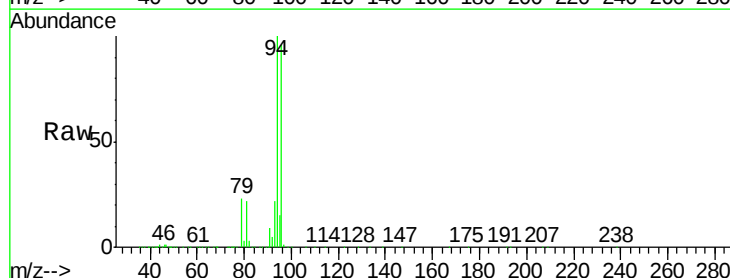
Acq: 02 Oct 2020 12:08

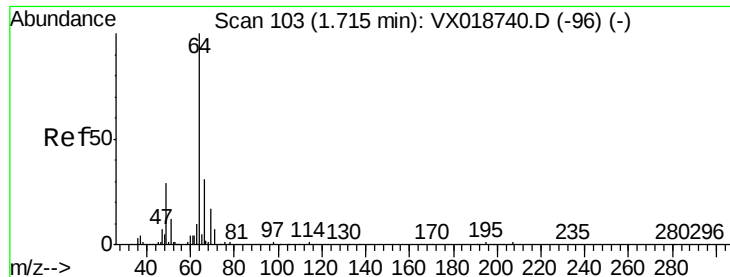
Tgt Ion: 94 Resp: 132243

Ion Ratio Lower Upper

94 100

96 95.9 63.5 117.9





#8

Chloroethane

Concen: 13.734 ug/L

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

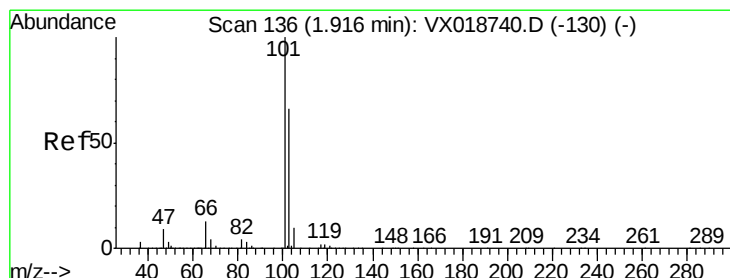
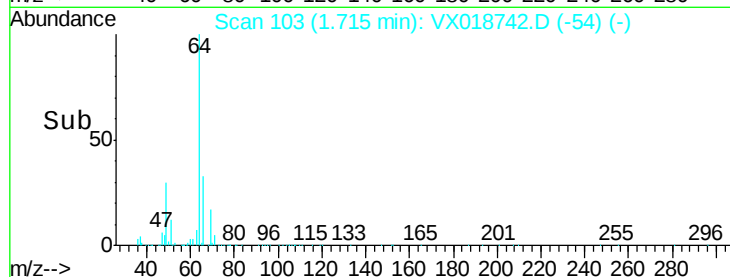
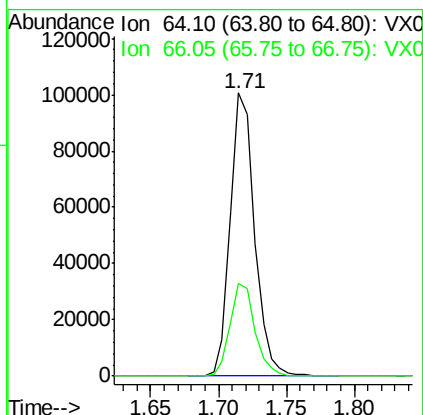
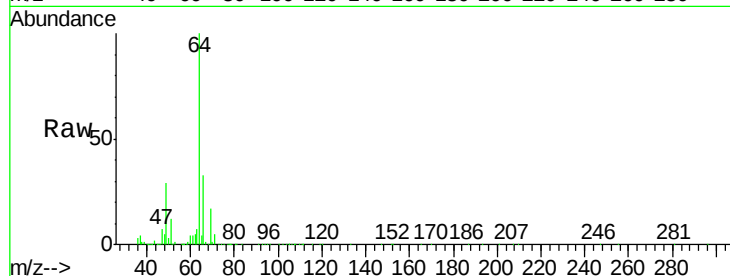
VSTD02062

Tgt Ion: 64 Resp: 125923

Ion Ratio Lower Upper

64 100

66 32.6 21.5 39.9



#9

Trichlorofluoromethane

Concen: 17.329 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX018742.D

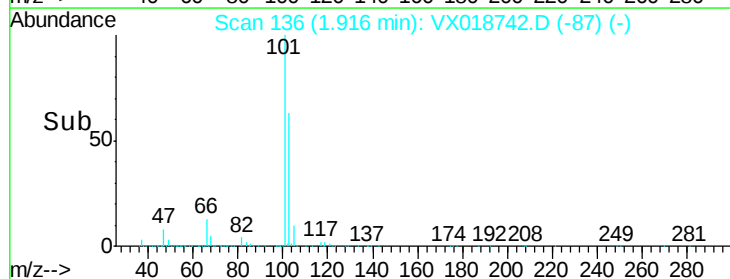
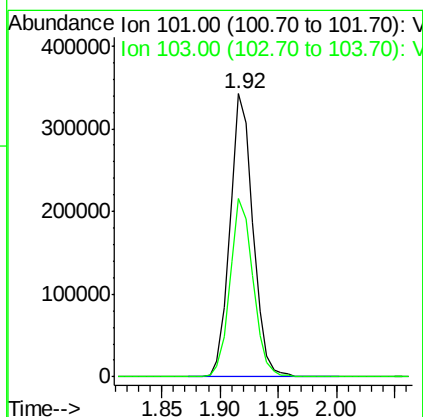
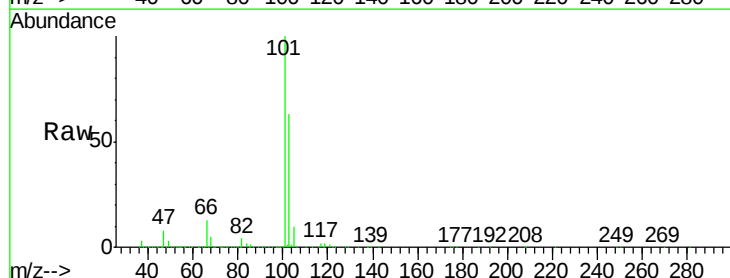
Acq: 02 Oct 2020 12:08

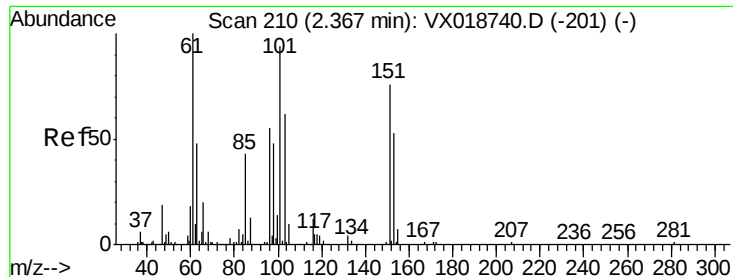
Tgt Ion: 101 Resp: 470907

Ion Ratio Lower Upper

101 100

103 63.4 52.2 78.4





#10

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

Concen: 15.529 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD02062

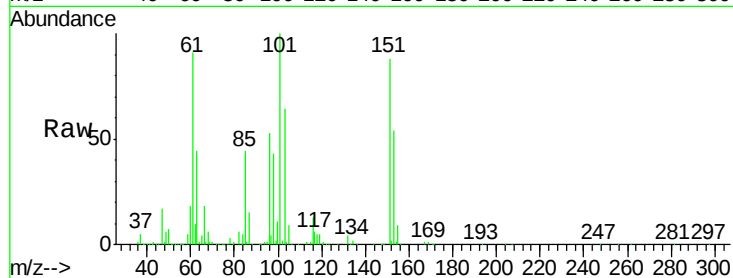
Tgt Ion:101 Resp: 223628

Ion Ratio Lower Upper

101 100

85 45.9 37.1 55.7

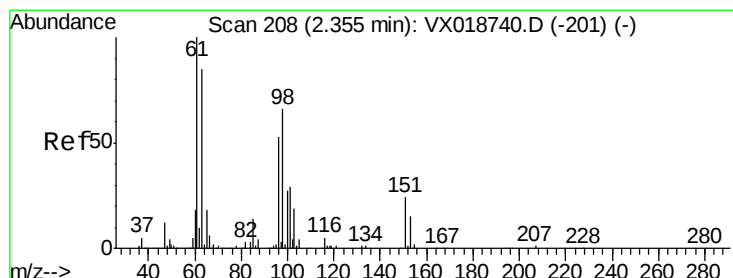
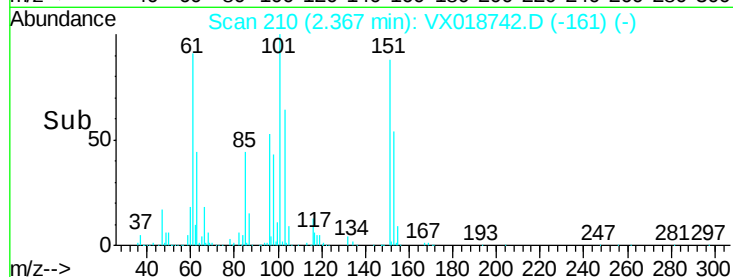
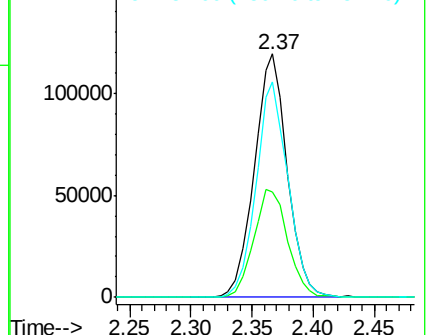
151 85.9 65.0 97.6



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: 15.451 ug/L

RT: 2.35 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

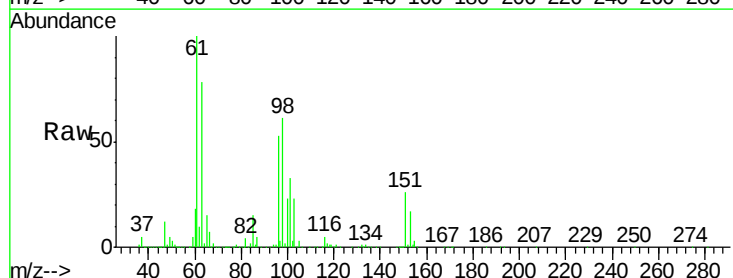
Tgt Ion: 96 Resp: 206246

Ion Ratio Lower Upper

96 100

61 188.0 133.2 247.4

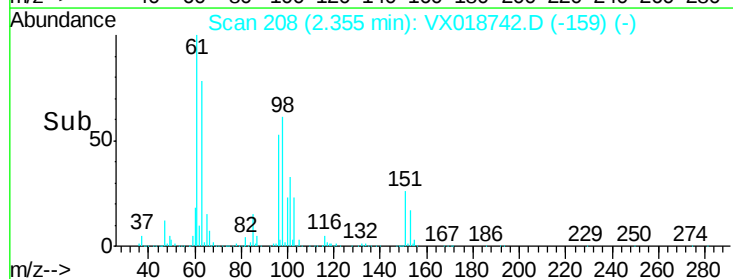
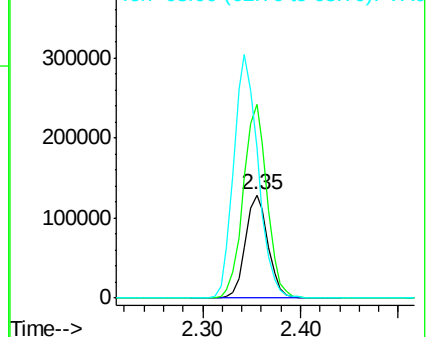
63 146.0 115.1 213.7

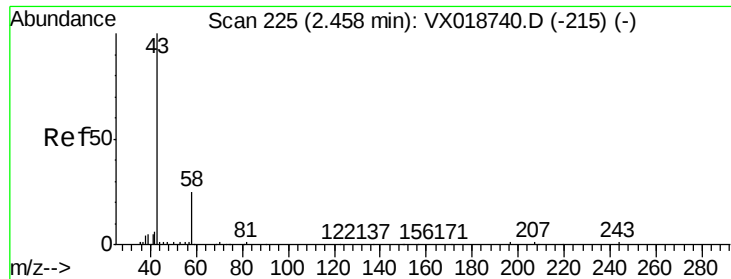


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 142.481 ug/L

RT: 2.46 min Scan# 226

Delta R.T. 0.01 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

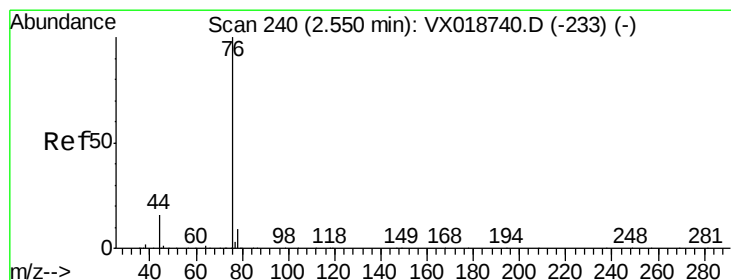
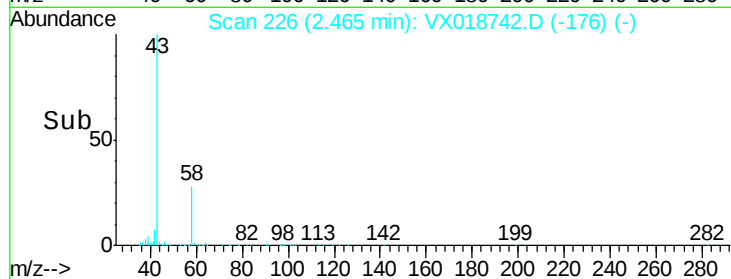
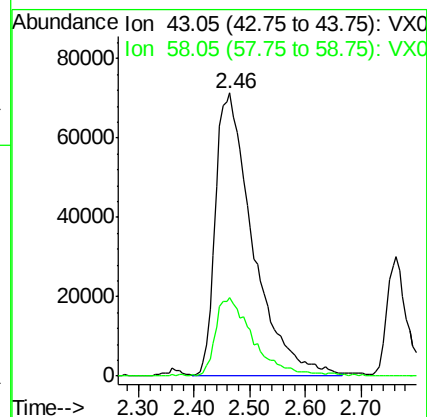
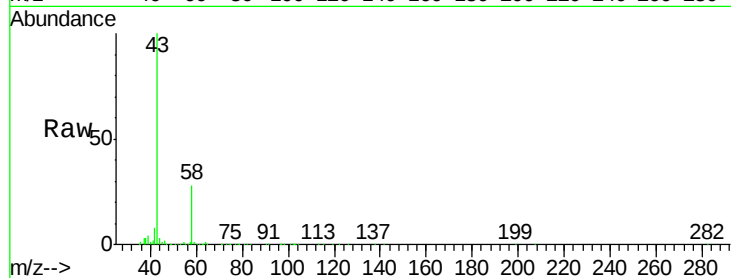
VSTD02062

Tgt Ion: 43 Resp: 332460

Ion Ratio Lower Upper

43 100

58 27.3 0.0 56.4



#14

Carbon disulfide

Concen: 13.079 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018742.D

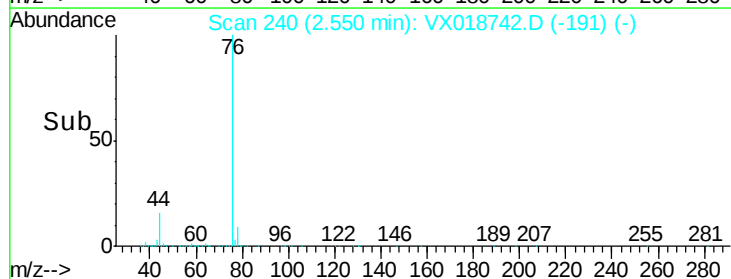
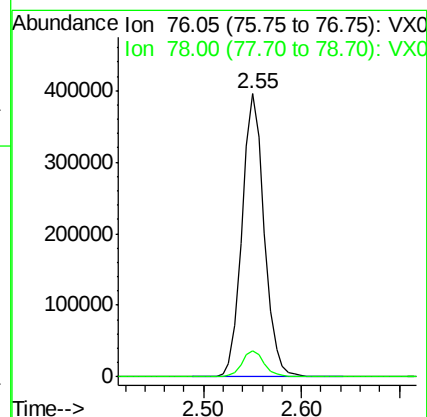
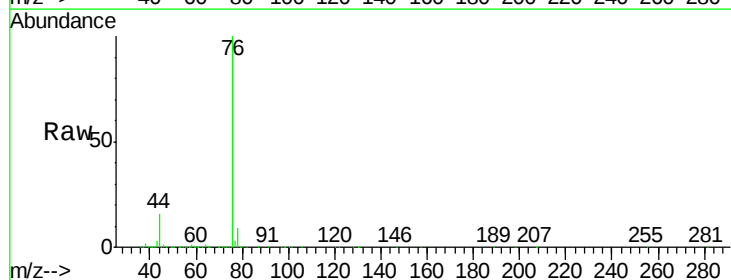
Acq: 02 Oct 2020 12:08

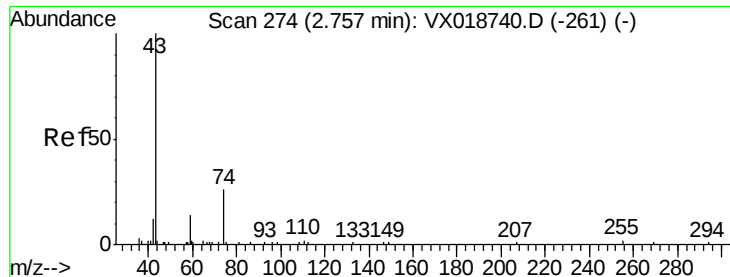
Tgt Ion: 76 Resp: 622051

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 11.620 ug/L

RT: 2.76 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

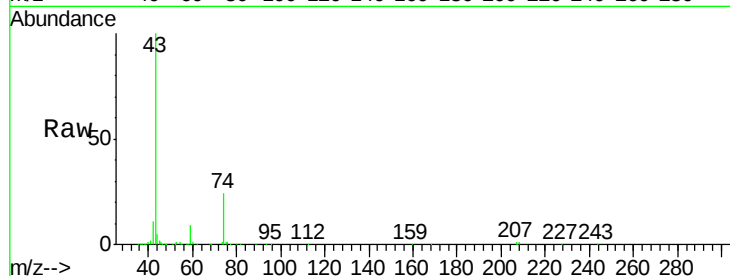
VSTD02062

Tgt Ion: 43 Resp: 78805

Ion Ratio Lower Upper

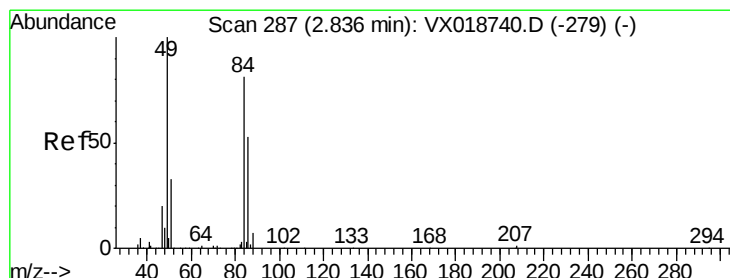
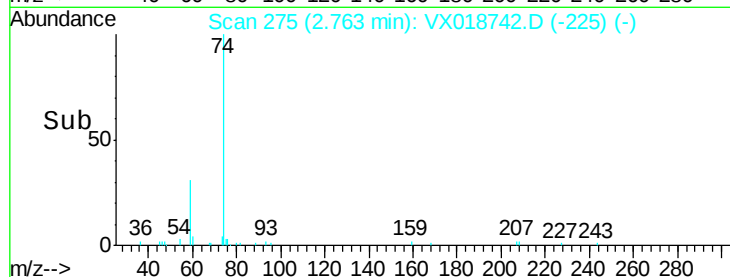
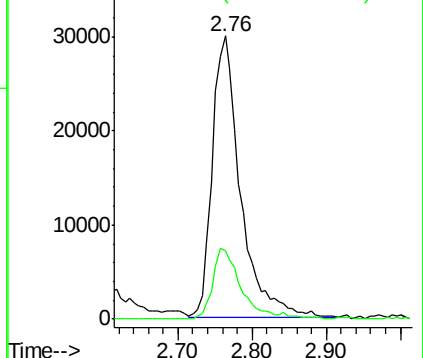
43 100

74 24.5 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: 10.771 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

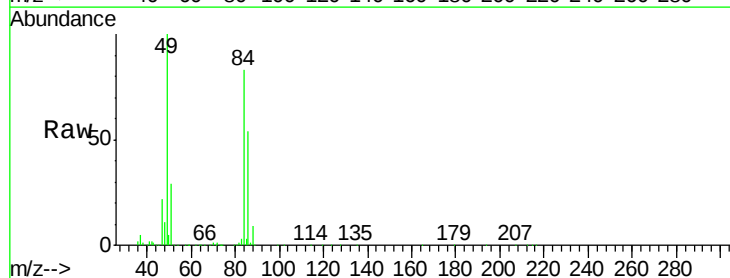
Tgt Ion: 84 Resp: 200663

Ion Ratio Lower Upper

84 100

86 64.7 45.6 84.8

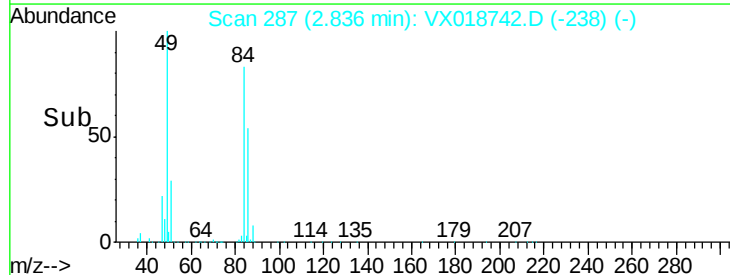
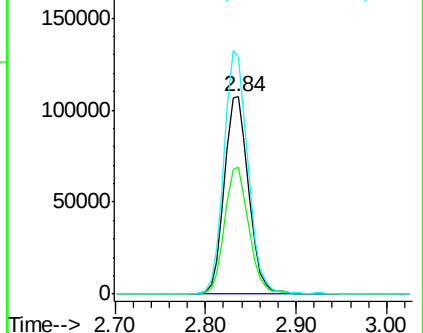
49 120.7 85.8 159.3

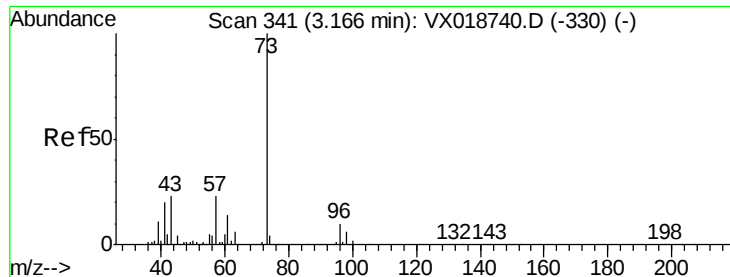


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0





#17

Methyl tert-butyl Ether

Concen: 15.121 ug/L

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD02062

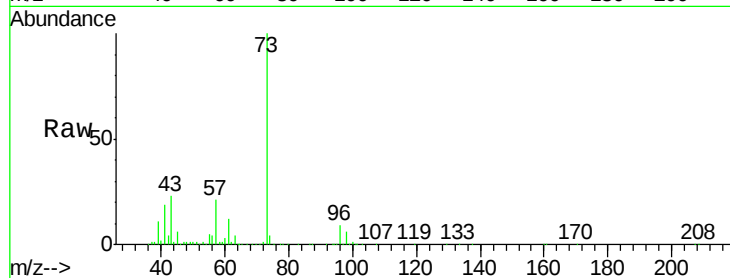
Tgt Ion: 73 Resp: 540062

Ion Ratio Lower Upper

73 100

43 23.2 19.4 29.0

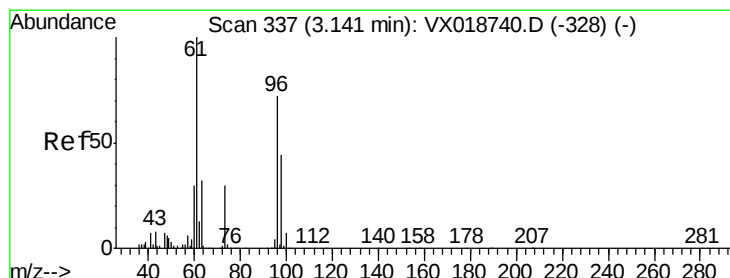
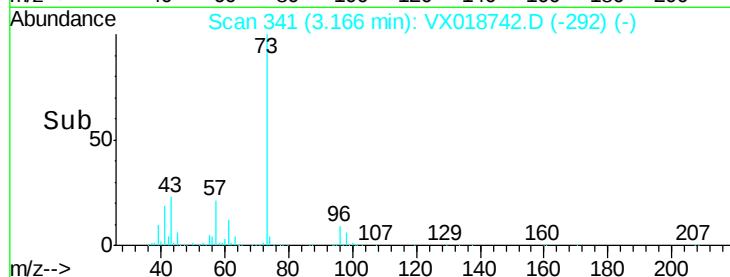
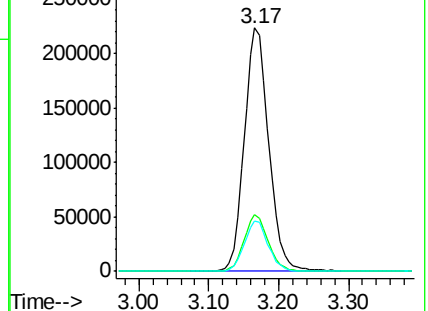
57 20.4 17.2 25.8



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: 13.983 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

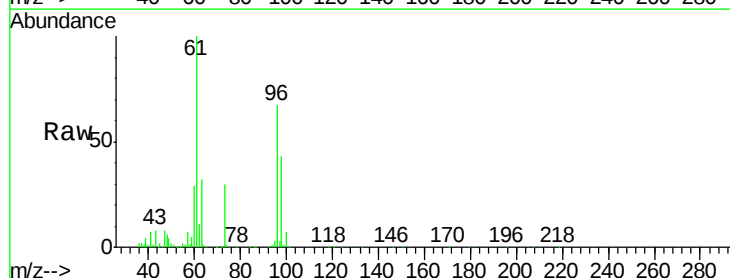
Tgt Ion: 96 Resp: 212199

Ion Ratio Lower Upper

96 100

61 148.3 97.6 181.4

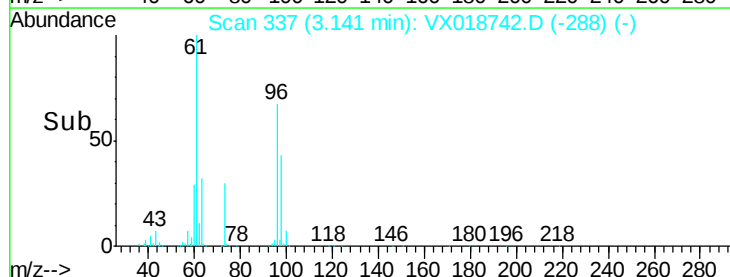
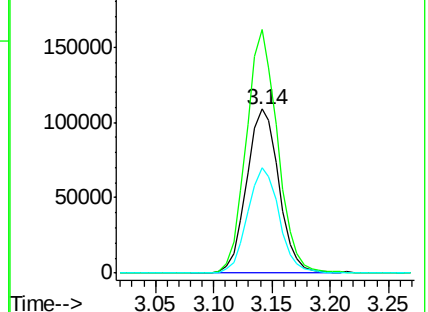
98 63.9 43.1 80.1

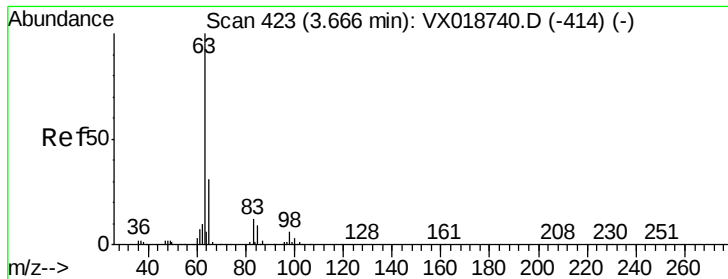


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0





#19

1,1-Dichloroethane

Concen: 14.154 ug/L

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD02062

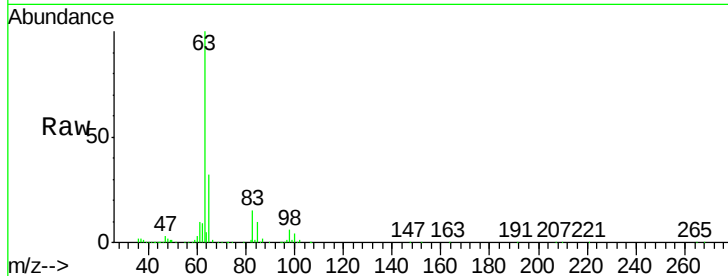
Tgt Ion: 63 Resp: 382035

Ion Ratio Lower Upper

63 100

65 31.5 21.6 40.2

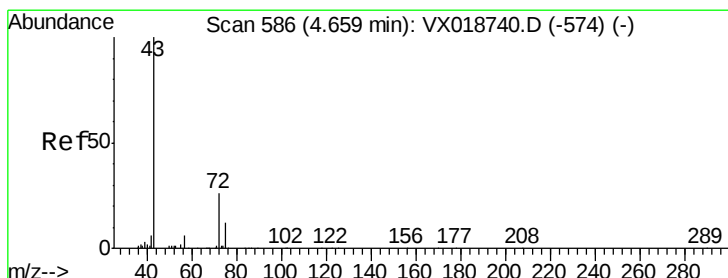
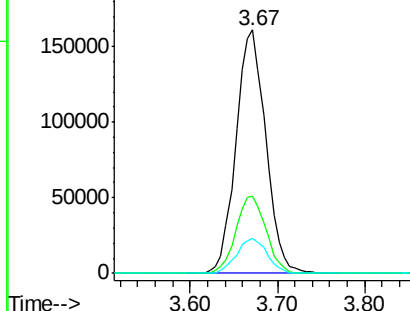
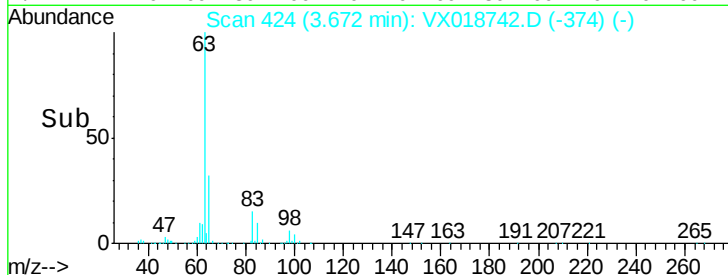
83 14.6 8.7 16.1



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 65.10 (64.80 to 65.80): VX0

Ion 83.05 (82.75 to 83.75): VX0



#21

2-Butanone

Concen: 127.358 ug/L

RT: 4.66 min Scan# 586

Delta R.T. 0.00 min

Lab File: VX018742.D

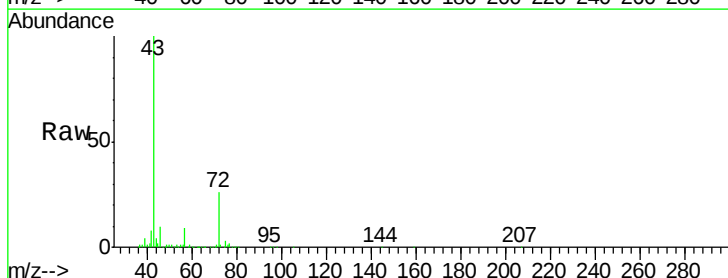
Acq: 02 Oct 2020 12:08

Tgt Ion: 43 Resp: 501465

Ion Ratio Lower Upper

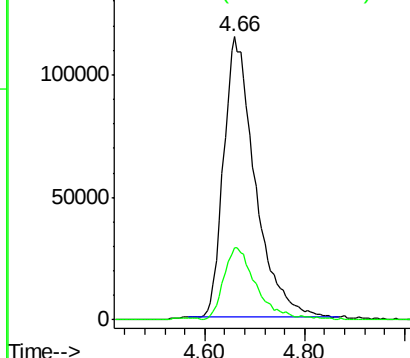
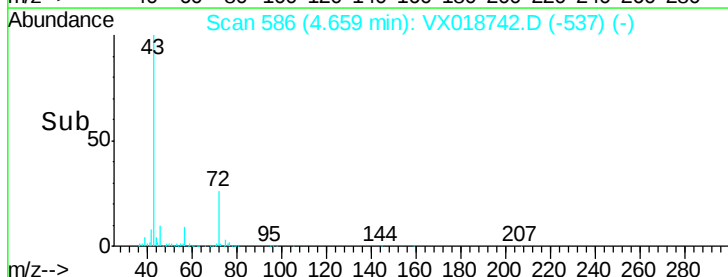
43 100

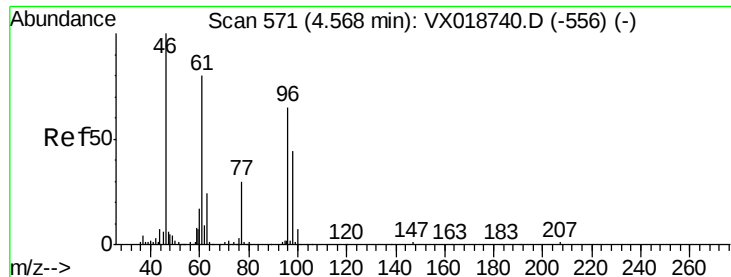
72 25.5 12.4 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



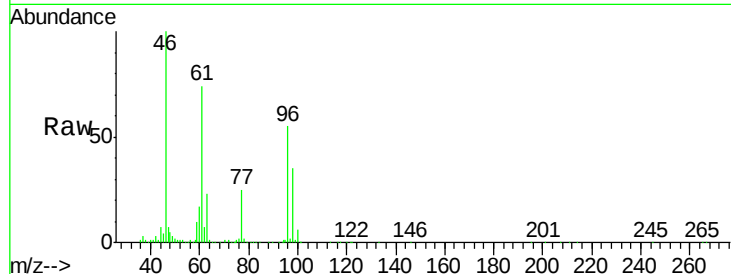


#22

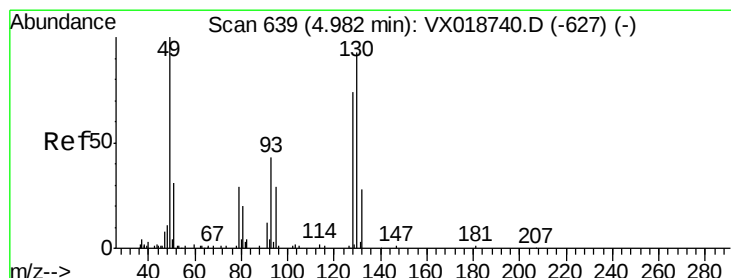
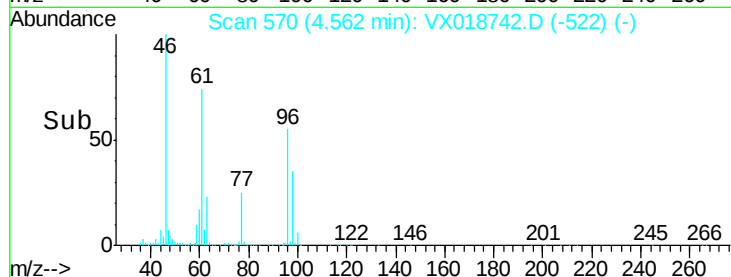
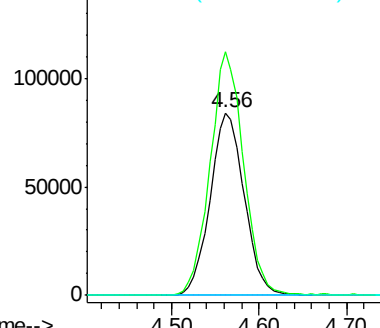
cis-1,2-Dichloroethene
Concen: 14.353 ug/L
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018742.D
Acq: 02 Oct 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD02062

Tgt Ion: 96 Resp: 227158
Ion Ratio Lower Upper
96 100
61 133.6 86.2 160.0
68 0.1 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 68.15 (67.85 to 68.85): VX0

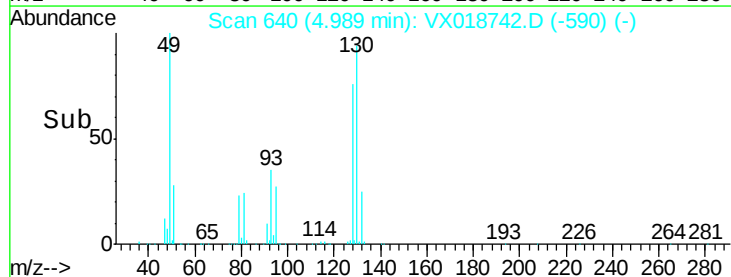
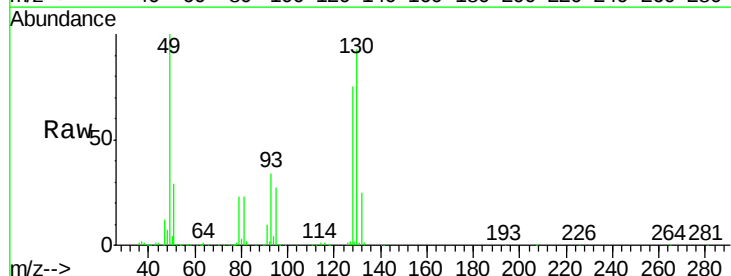
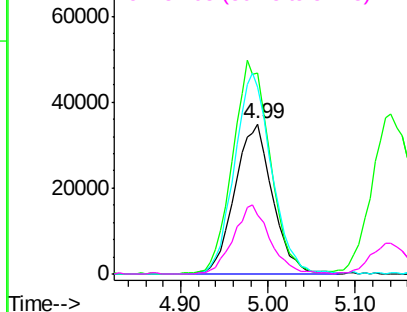


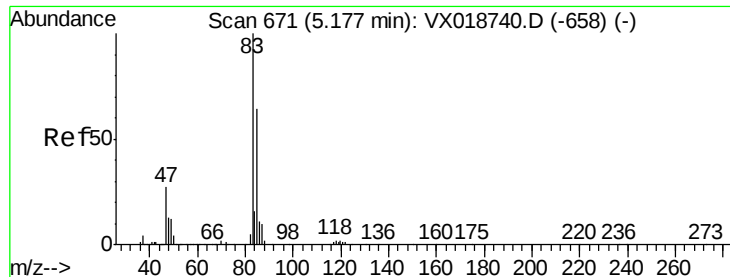
#23

Bromochloromethane
Concen: 14.069 ug/L
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX018742.D
Acq: 02 Oct 2020 12:08

Tgt Ion:128 Resp: 104431
Ion Ratio Lower Upper
128 100
49 134.0 94.5 175.5
130 124.4 88.2 163.8
51 39.3 33.9 50.9

Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VX0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VX0





#25

Chloroform

Concen: 14.740 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

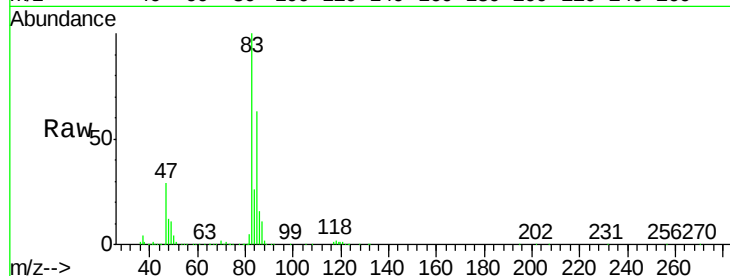
VSTD02062

Tgt Ion: 83 Resp: 434119

Ion Ratio Lower Upper

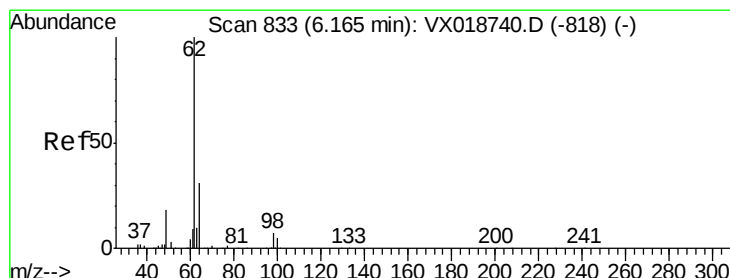
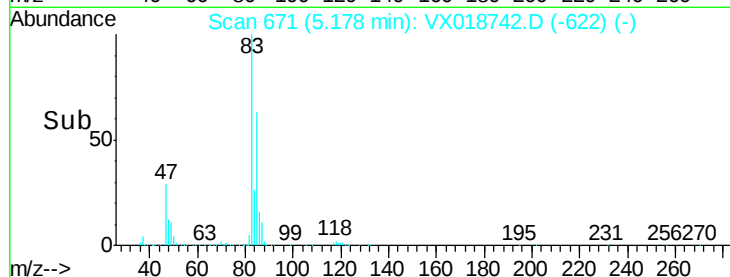
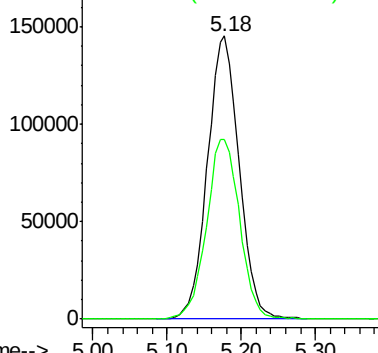
83 100

85 63.4 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane

Concen: 16.402 ug/L

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX018742.D

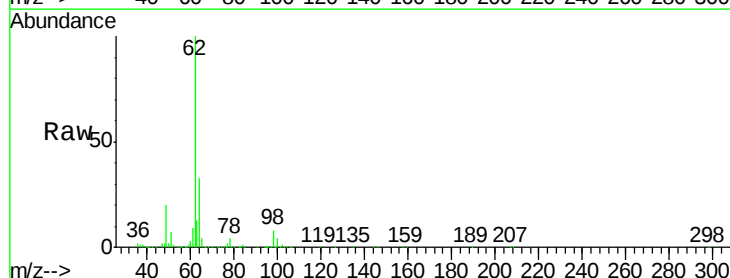
Acq: 02 Oct 2020 12:08

Tgt Ion: 62 Resp: 312476

Ion Ratio Lower Upper

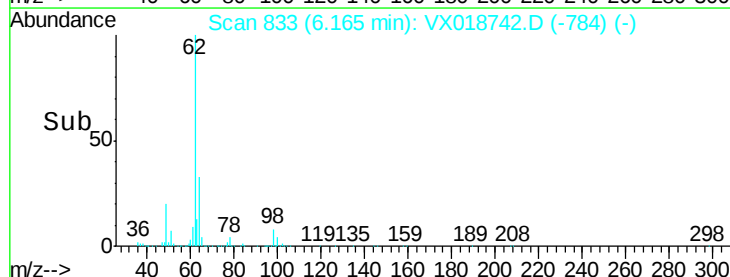
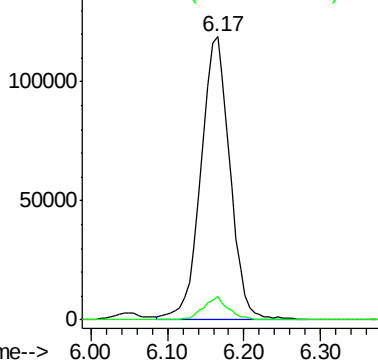
62 100

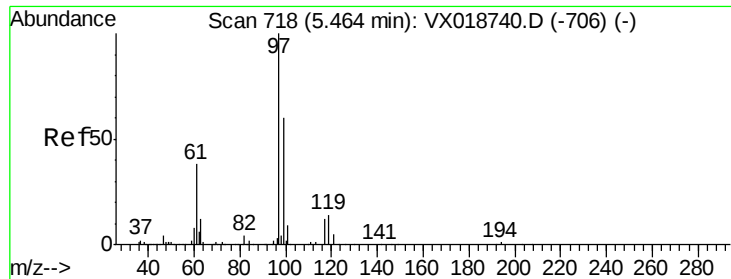
98 8.3 5.8 8.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

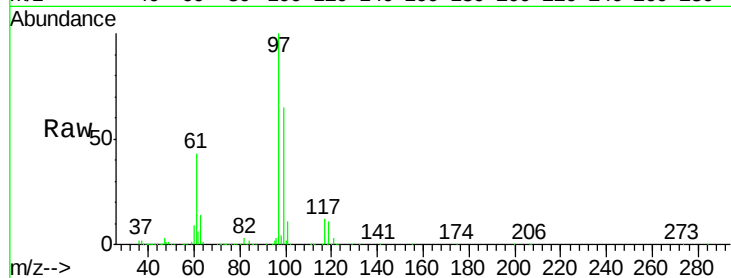




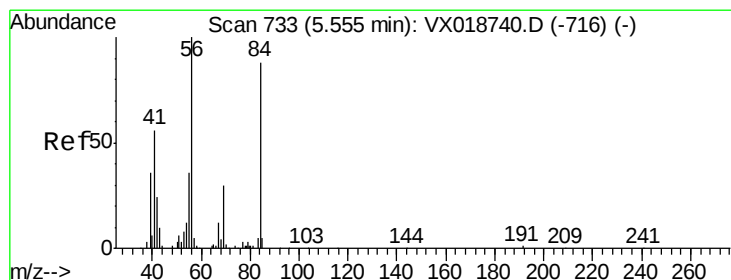
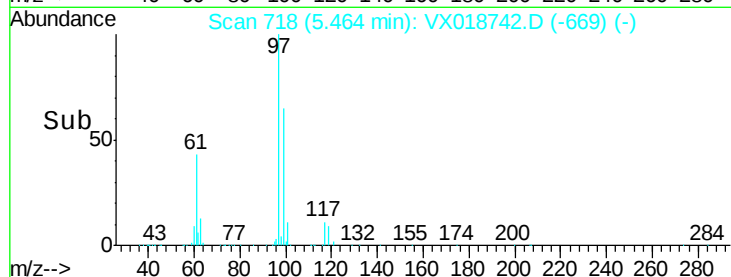
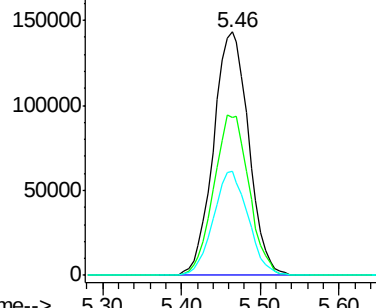
#29
 1,1,1-Trichloroethane
 Concen: 15.885 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02062

Tgt Ion: 97 Resp: 444268
 Ion Ratio Lower Upper
 97 100
 99 66.1 51.3 76.9
 61 42.5 33.3 49.9

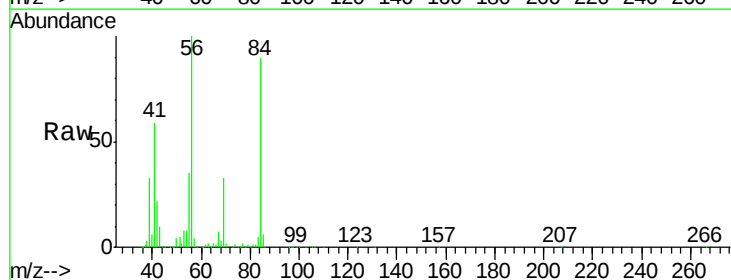


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 61.05 (60.75 to 61.75): VX0

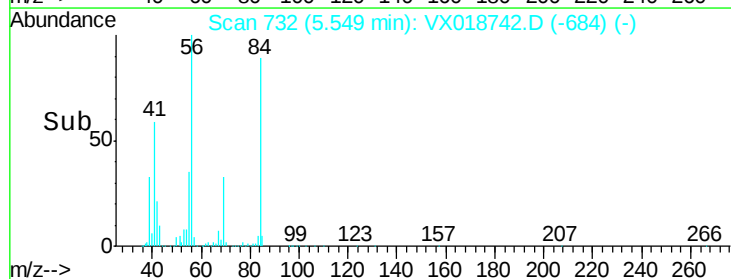
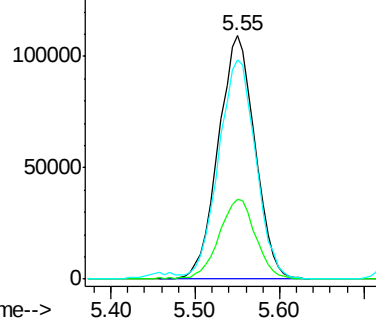


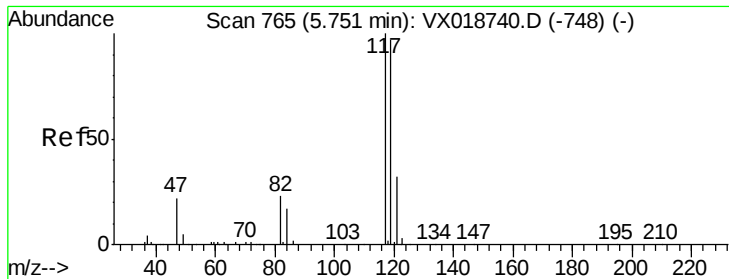
#30
 Cyclohexane
 Concen: 13.904 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

Tgt Ion: 56 Resp: 324200
 Ion Ratio Lower Upper
 56 100
 69 32.8 26.0 39.0
 84 91.7 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

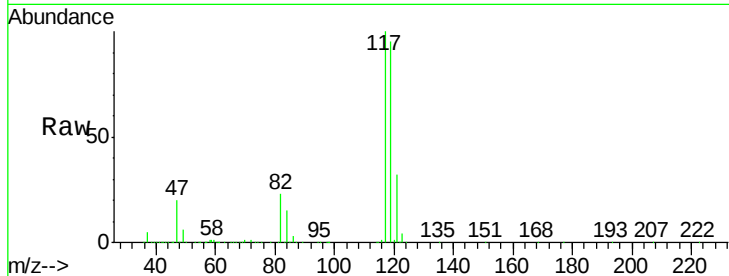




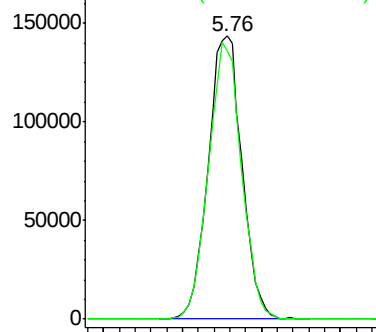
#31
Carbon tetrachloride
Concen: 16.524 ug/L
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018742.D
Acq: 02 Oct 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD02062

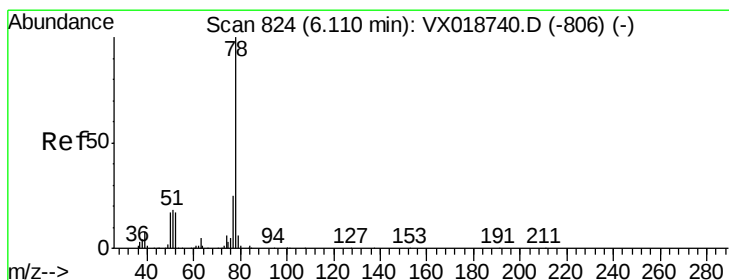
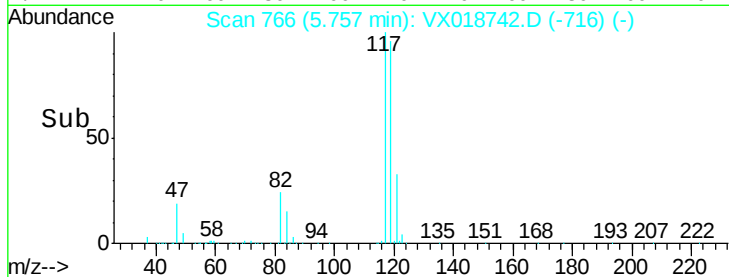
Tgt Ion:117 Resp: 427485
Ion Ratio Lower Upper
117 100
119 95.7 76.0 114.0



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

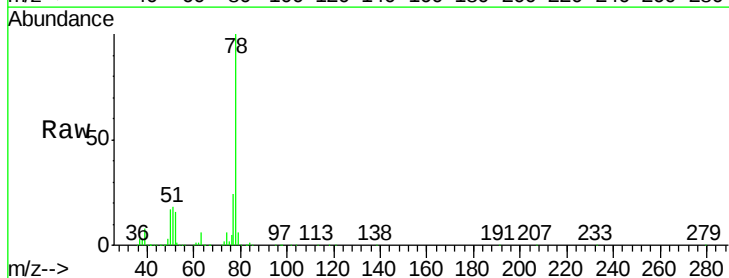


Time--> 5.60 5.70 5.80 5.90

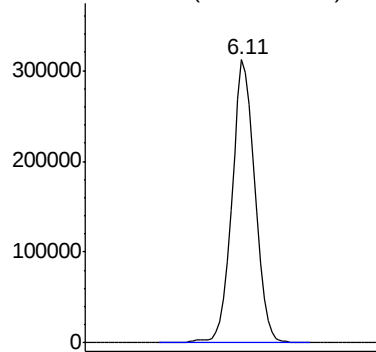


#33
Benzene
Concen: 13.965 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018742.D
Acq: 02 Oct 2020 12:08

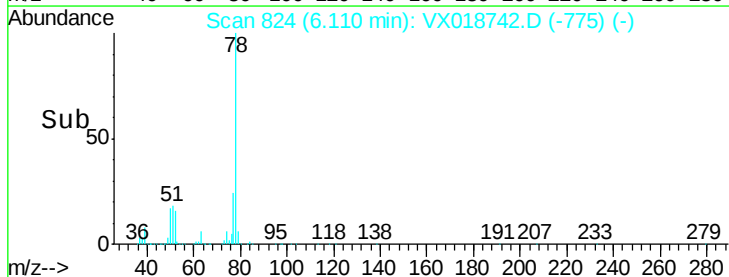
Tgt Ion: 78 Resp: 816679

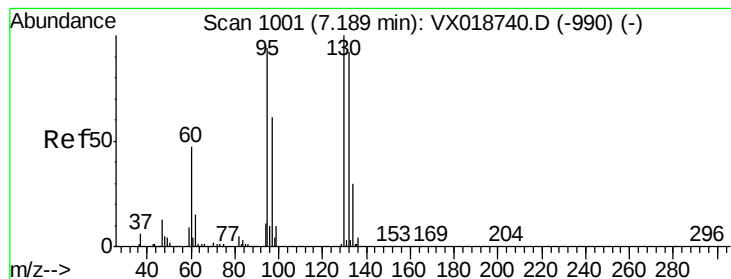


Abundance Ion 78.10 (77.80 to 78.80): VX0



Time--> 5.90 6.00 6.10 6.20 6.30





#34

Trichloroethene

Concen: 13.914 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD02062

Tgt Ion: 95 Resp: 239839

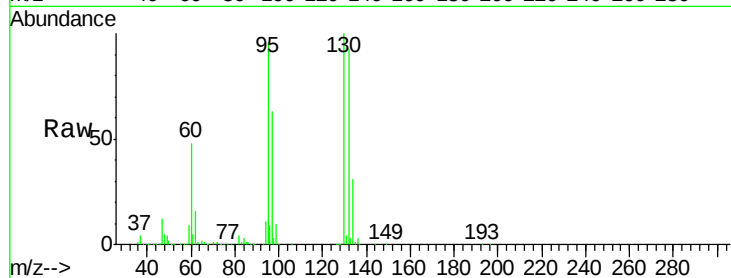
Ion Ratio Lower Upper

95 100

97 65.8 45.3 84.1

132 96.7 68.6 127.4

130 104.0 74.5 138.3

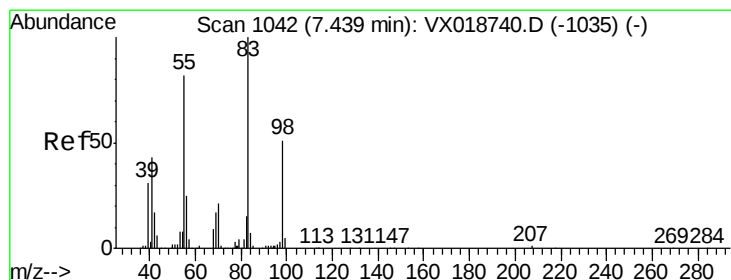
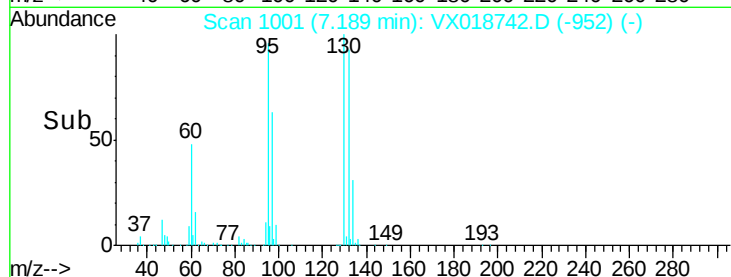
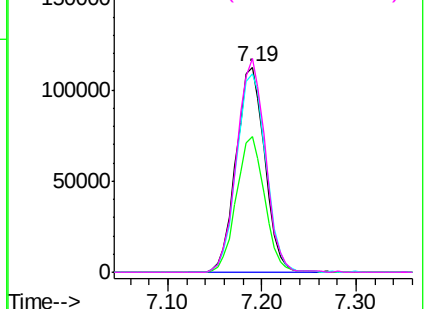


Abundance Ion 95.00 (94.70 to 95.70): VX0

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: 14.828 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

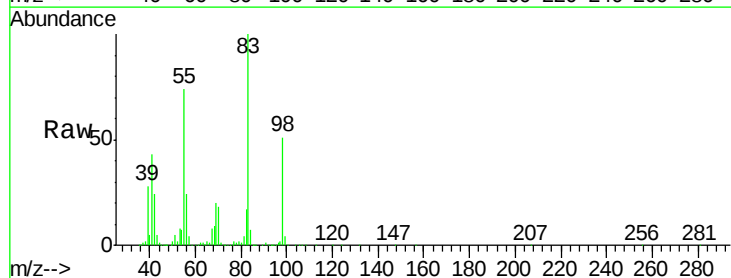
Tgt Ion: 83 Resp: 356876

Ion Ratio Lower Upper

83 100

55 76.1 60.3 90.5

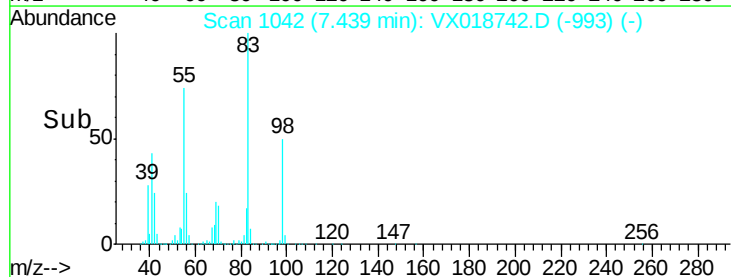
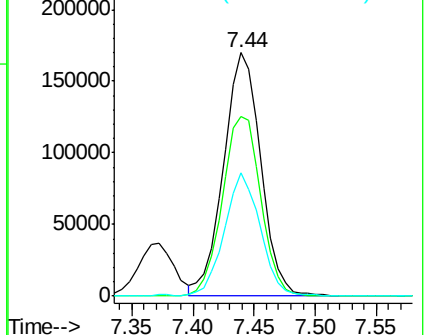
98 48.7 39.4 59.0

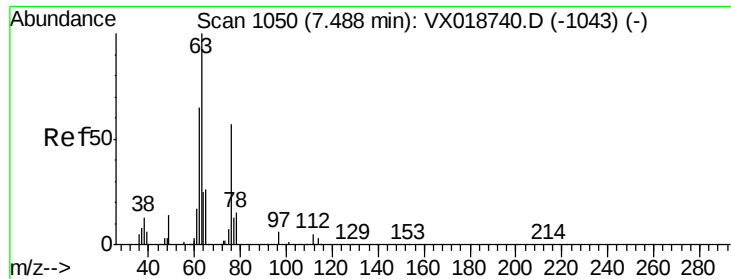


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

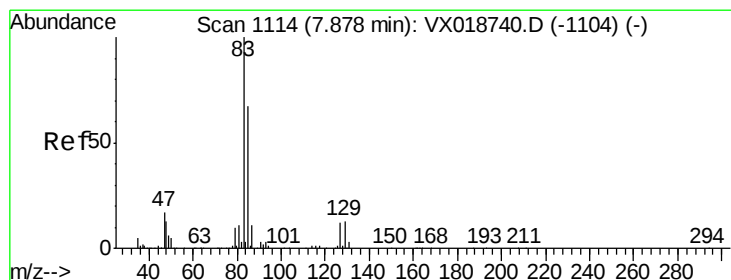
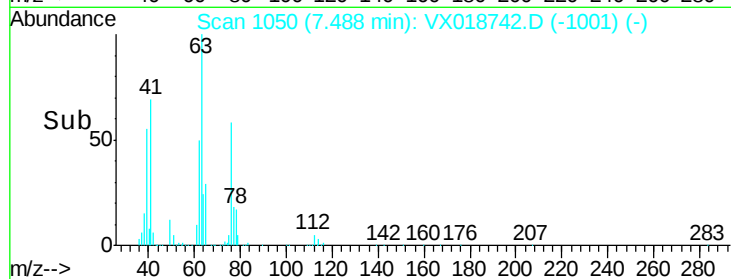
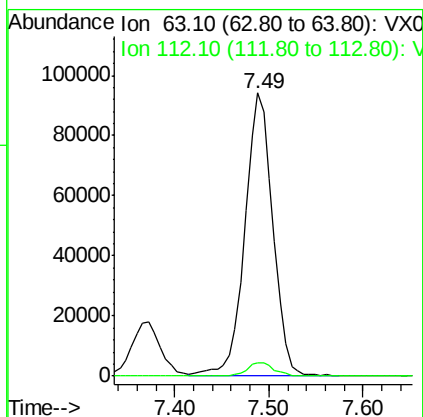
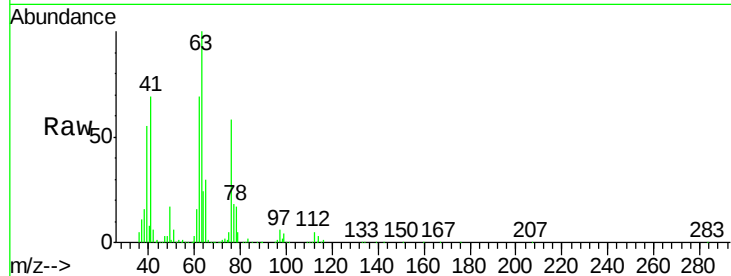




#37
 1,2-Dichloropropane
 Concen: 13.292 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

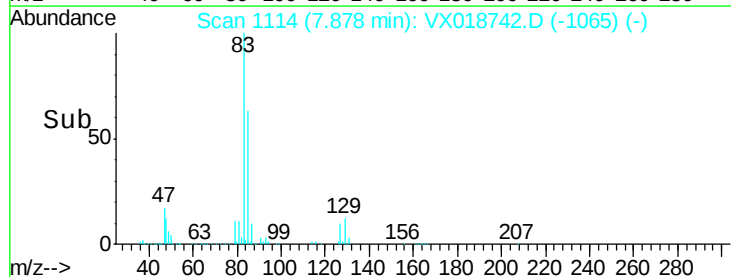
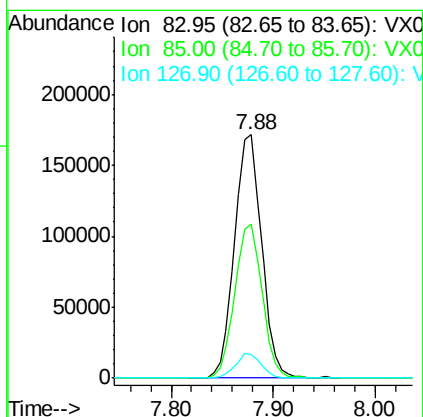
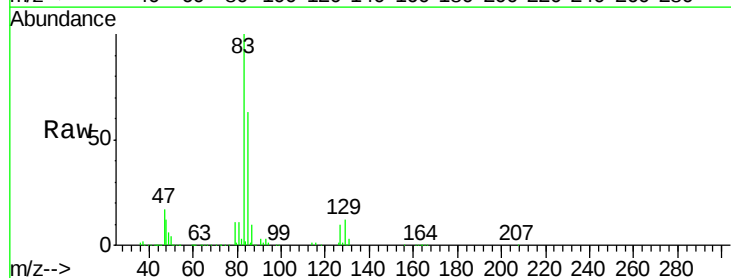
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02062

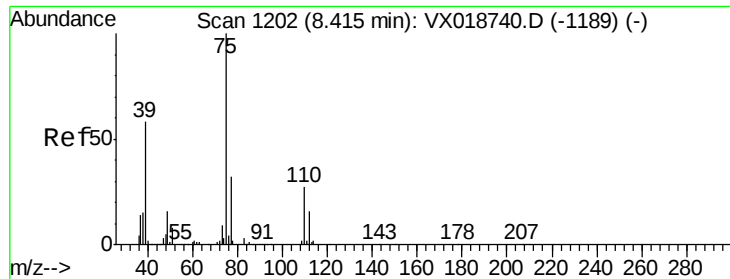
Tgt Ion: 63 Resp: 194512
 Ion Ratio Lower Upper
 63 100
 112 4.6 4.7 7.1#



#38
 Bromodichloromethane
 Concen: 15.211 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

Tgt Ion: 83 Resp: 317161
 Ion Ratio Lower Upper
 83 100
 85 63.3 46.6 86.6
 127 9.7 9.9 14.9#





#39

cis-1,3-Dichloropropene

Concen: 14.966 ug/L

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

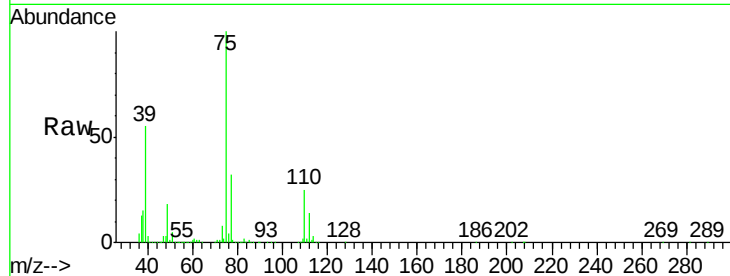
VSTD02062

Tgt Ion: 75 Resp: 341569

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

250000

200000

150000

100000

50000

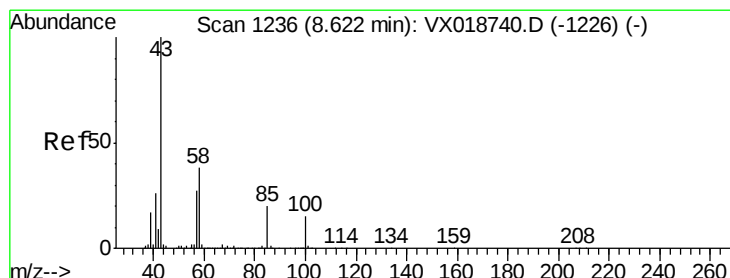
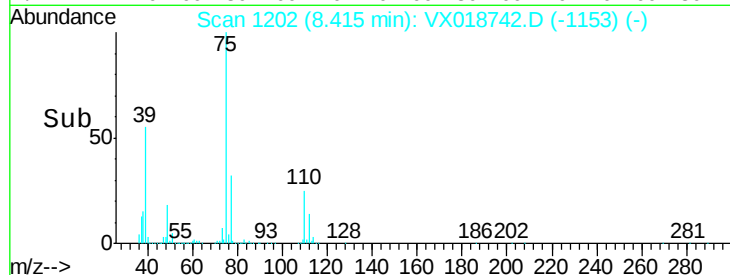
0

8.30

8.40

8.50

Time-->



#40

4-Methyl-2-pentanone

Concen: 133.069 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

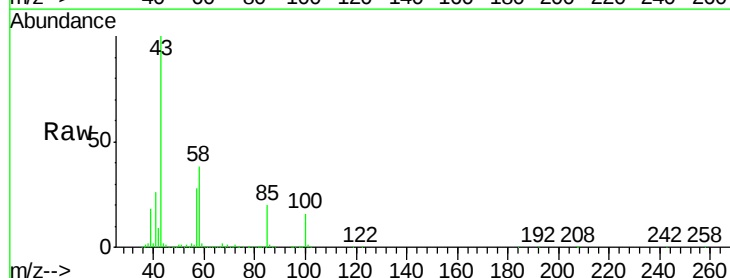
Tgt Ion: 43 Resp: 1247915

Ion Ratio Lower Upper

43 100

58 38.7 30.8 46.2

100 16.3 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

1000000

800000

600000

400000

200000

0

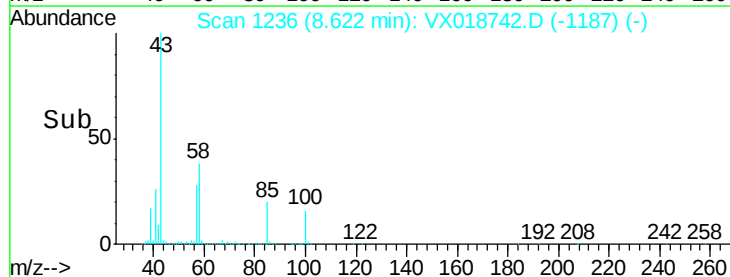
8.55

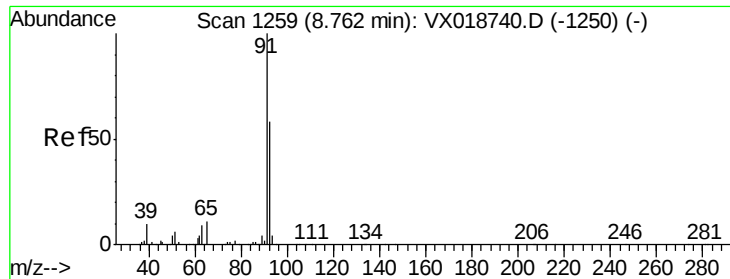
8.60

8.65

8.70

Time-->





#42

Toluene

Concen: 14.564 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

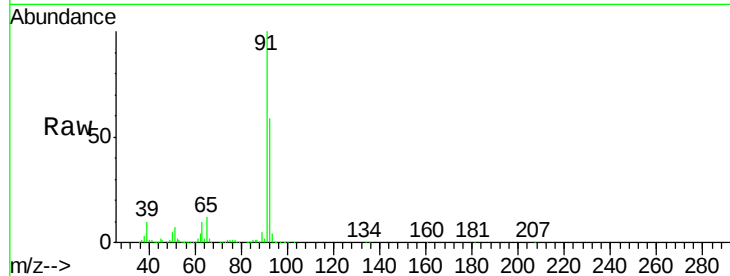
VSTD02062

Tgt Ion: 91 Resp: 925854

Ion Ratio Lower Upper

91 100

92 58.8 40.3 74.9



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

Ion 92.15 (91.85 to 92.85): VX018740.D (-1250) (-)

8.77

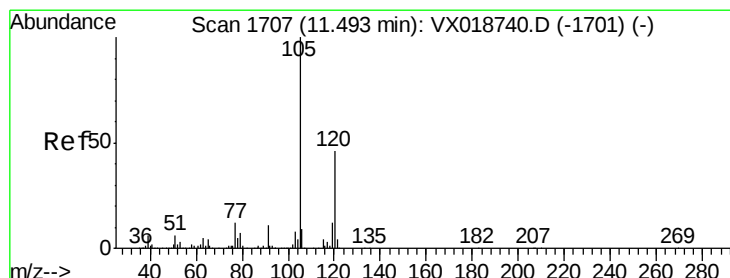
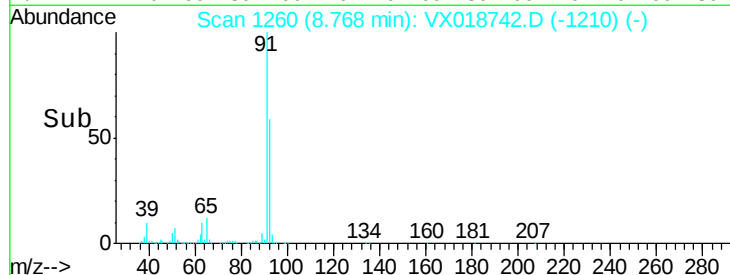
600000

400000

200000

0

Time-->



#43

1,3,5-Trimethylbenzene

Concen: 16.562 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018742.D

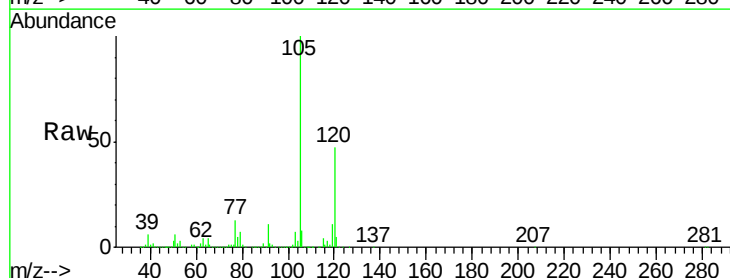
Acq: 02 Oct 2020 12:08

Tgt Ion: 105 Resp: 964809

Ion Ratio Lower Upper

105 100

120 47.3 37.7 56.5



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

Ion 120.00 (119.70 to 120.70): VX018740.D (-1701) (-)

11.49

800000

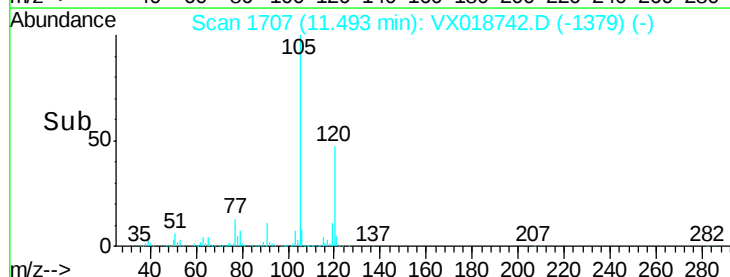
600000

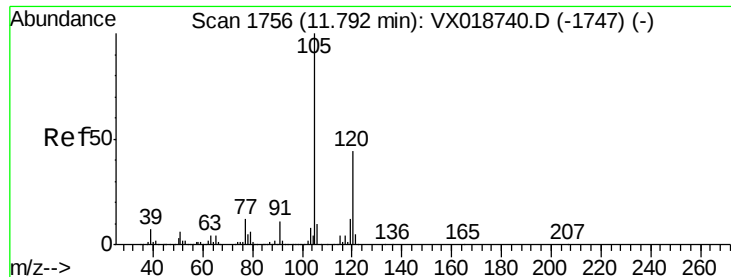
400000

200000

0

Time-->





#44

1,2,4-Trimethylbenzene

Concen: 16.723 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampled :

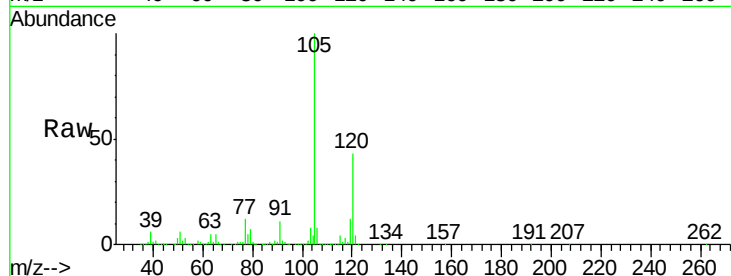
VSTD02062

Tgt Ion: 105 Resp: 993115

Ion Ratio Lower Upper

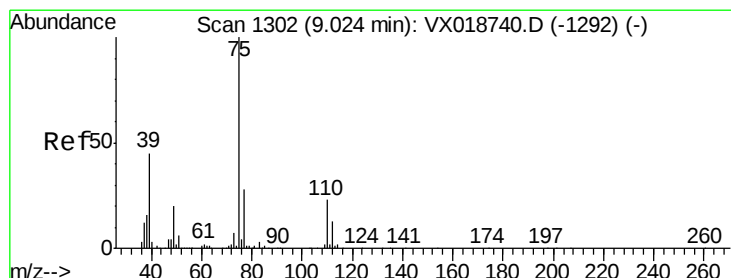
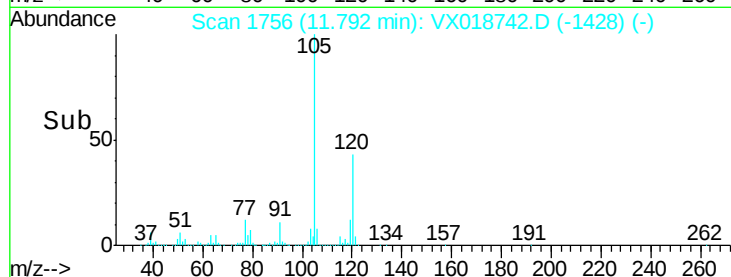
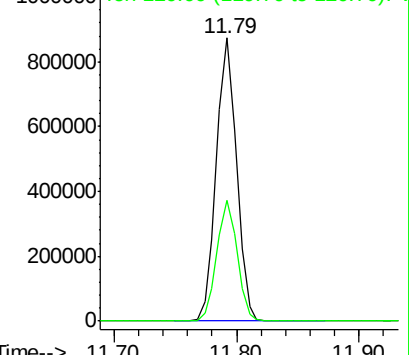
105 100

120 42.7 35.1 52.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 15.599 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018742.D

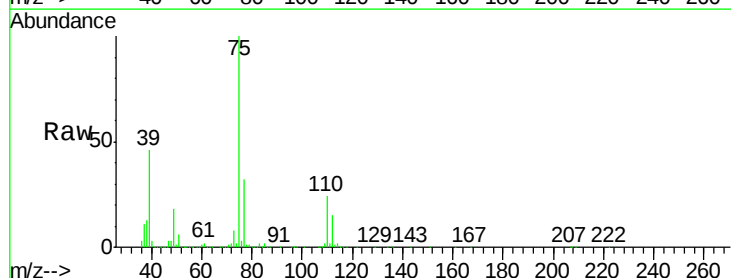
Acq: 02 Oct 2020 12:08

Tgt Ion: 75 Resp: 317686

Ion Ratio Lower Upper

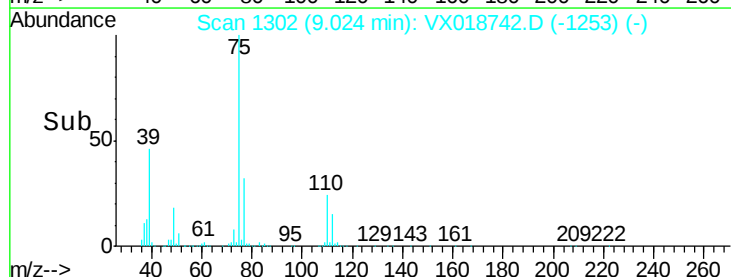
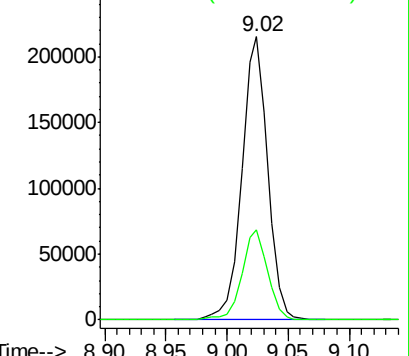
75 100

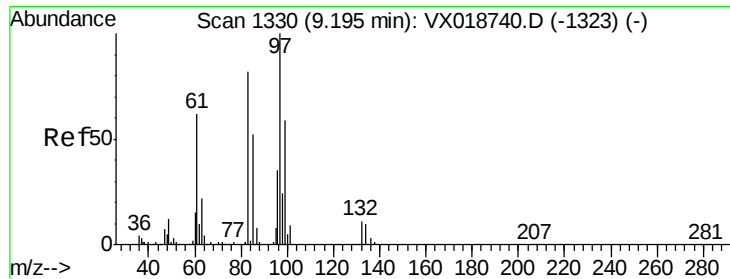
77 31.7 19.9 37.0



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

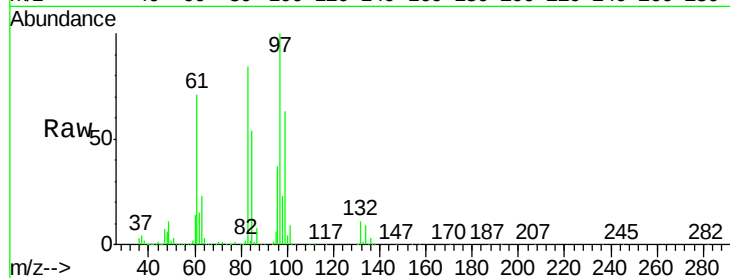




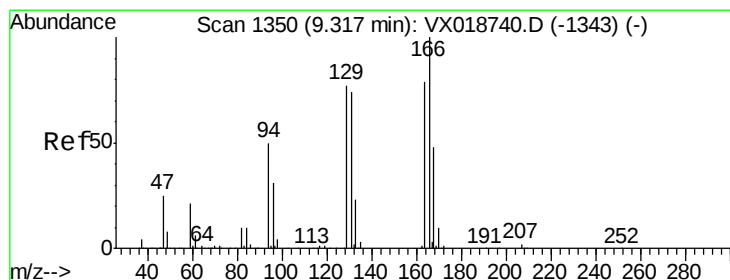
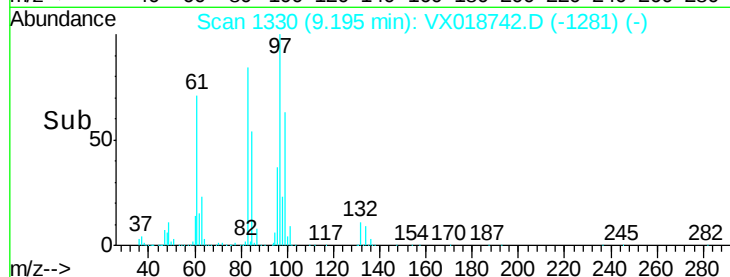
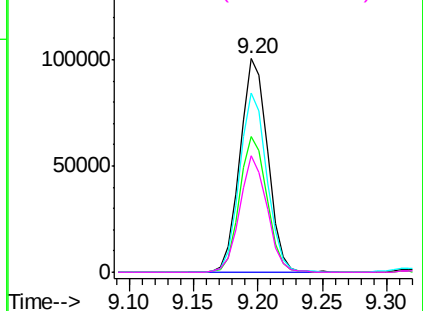
#47
 1,1,2-Trichloroethane
 Concen: 13.472 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02062

Tgt Ion:	97	Resp:	149078
Ion	Ratio	Lower	Upper
97	100		
99	63.4	41.1	76.3
83	84.2	57.5	106.7
85	54.3	36.9	68.5

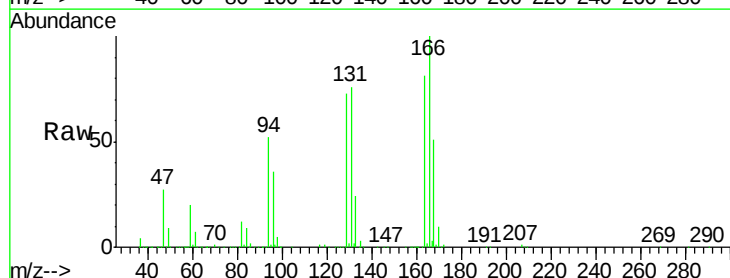


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 85.00 (84.70 to 85.70): VX0

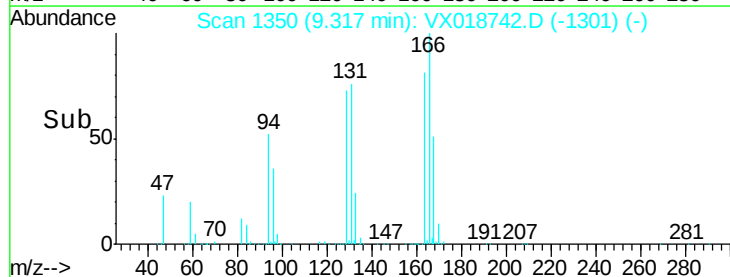
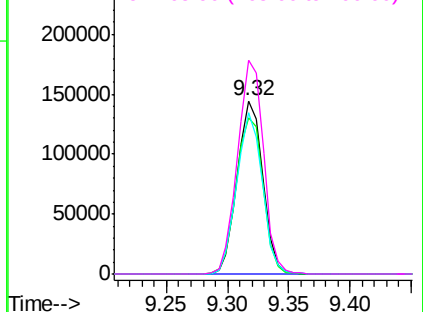


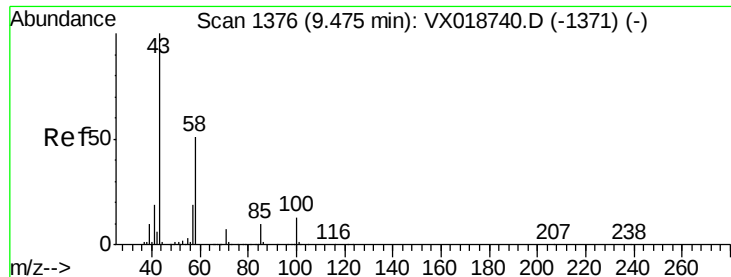
#49
 Tetrachloroethene
 Concen: 14.965 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

Tgt Ion:	164	Resp:	208823
Ion	Ratio	Lower	Upper
164	100		
129	90.1	68.7	127.5
131	93.3	65.3	121.3
166	123.5	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

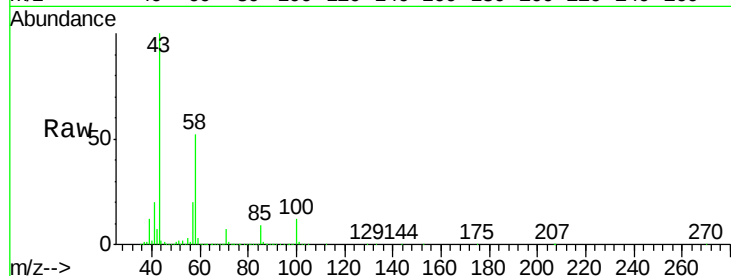




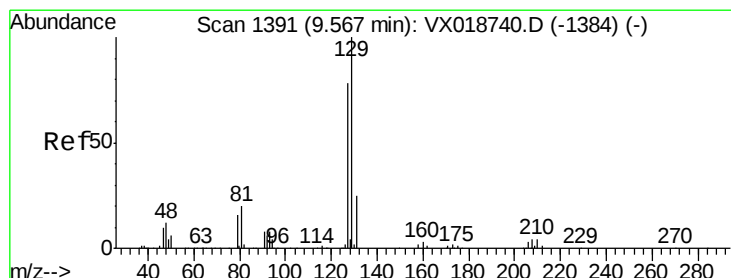
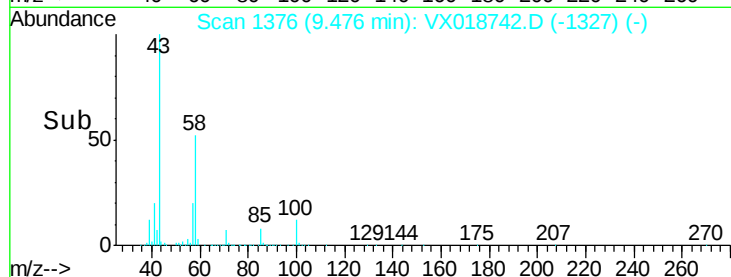
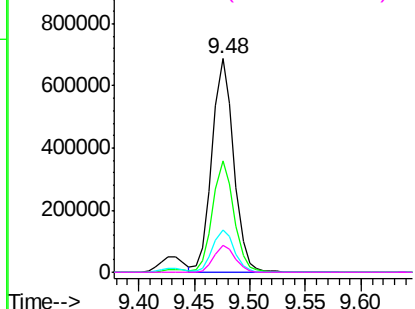
#50
2-Hexanone
Concen: 138.743 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018742.D
Acq: 02 Oct 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD02062

Tgt Ion: 43 Resp: 931898
Ion Ratio Lower Upper
43 100
58 51.4 41.0 61.4
57 20.1 15.9 23.9
100 12.3 10.1 15.1

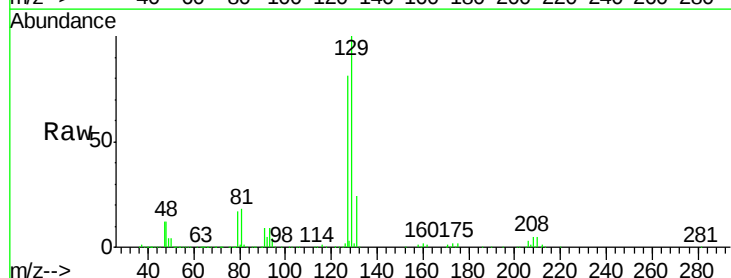


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

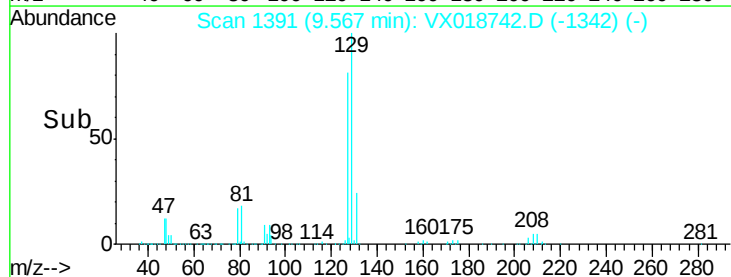
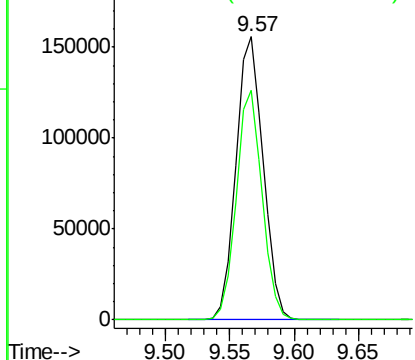


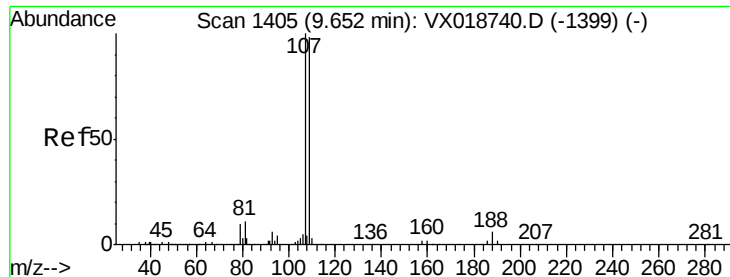
#51
Dibromochloromethane
Concen: 14.958 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018742.D
Acq: 02 Oct 2020 12:08

Tgt Ion: 129 Resp: 228620
Ion Ratio Lower Upper
129 100
127 81.2 54.5 101.1



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





#52

1,2-Dibromoethane

Concen: 13.972 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

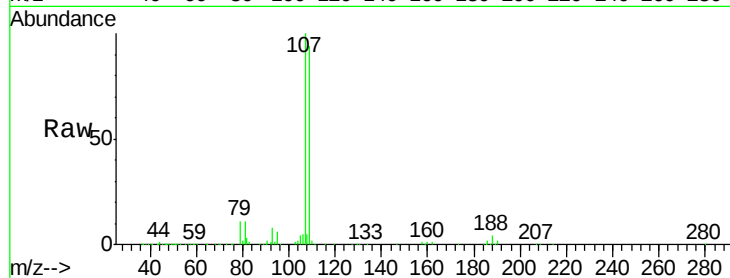
Instrument :

MSVOA_X

ClientSampleId :

VSTD02062

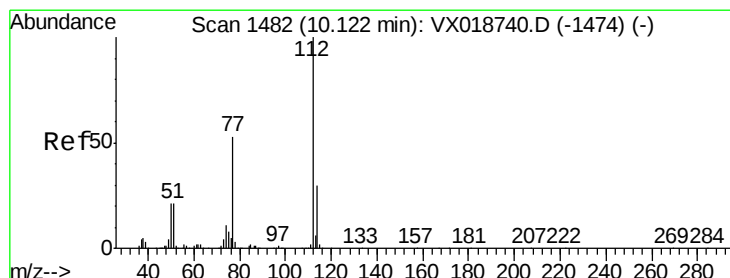
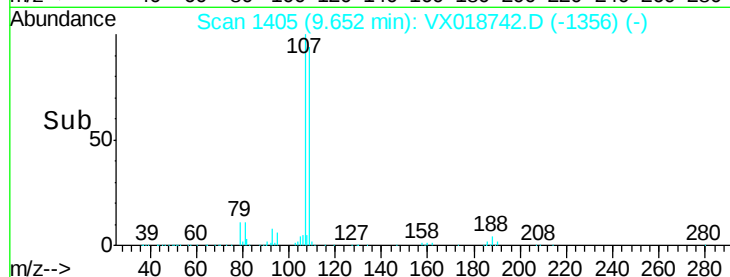
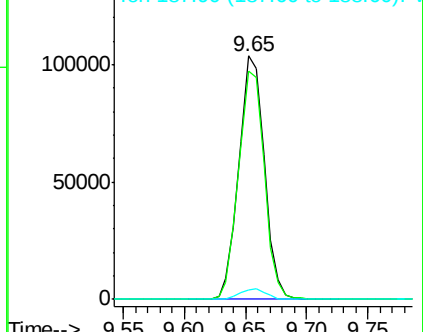
Tgt Ion:	107	Resp:	150129
Ion	Ratio	Lower	Upper
107	100		
109	93.7	68.7	127.5
188	4.1	4.5	6.7#



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 14.552 ug/L

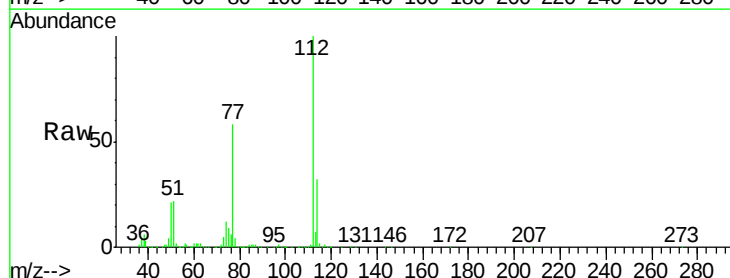
RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

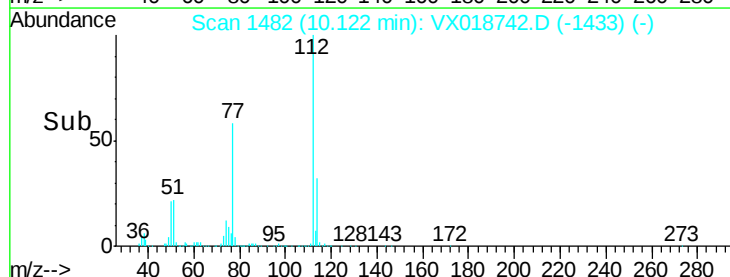
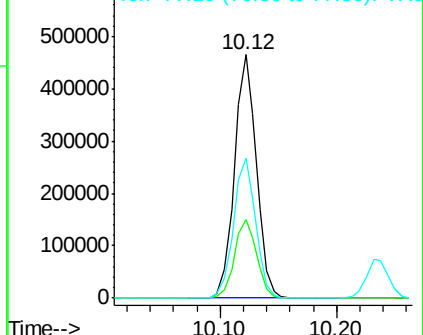
Tgt Ion:	112	Resp:	609654
Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.3	39.5
77	57.7	42.4	63.6

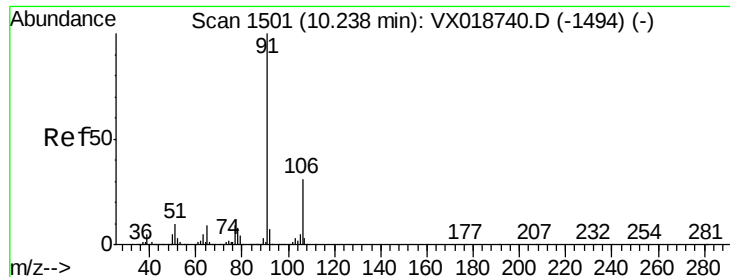


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 15.186 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

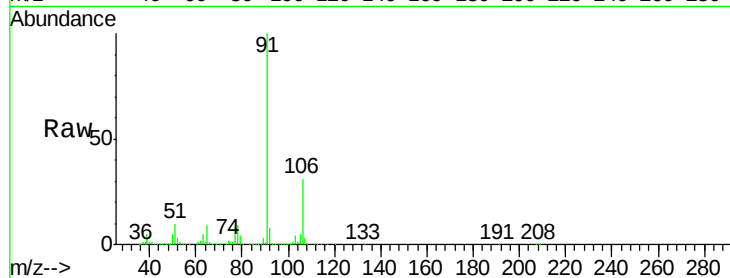
VSTD02062

Tgt Ion: 91 Resp: 1060667

Ion Ratio Lower Upper

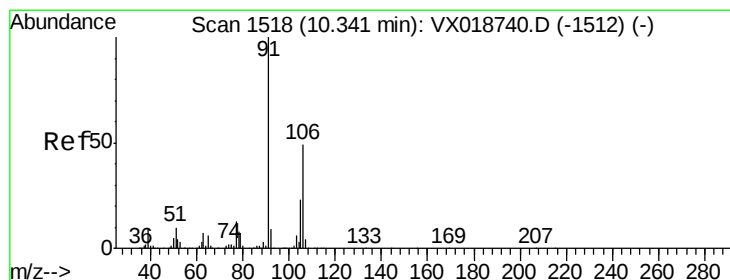
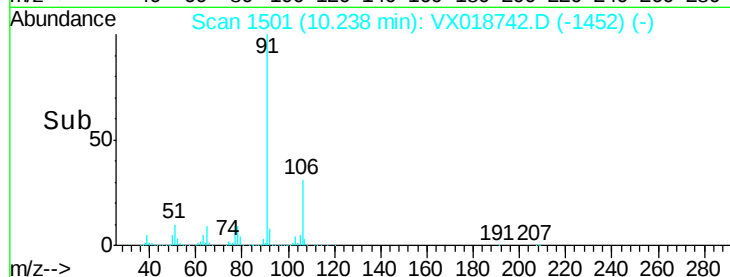
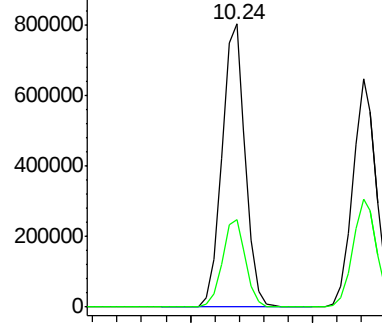
91 100

106 30.9 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: 15.754 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018742.D

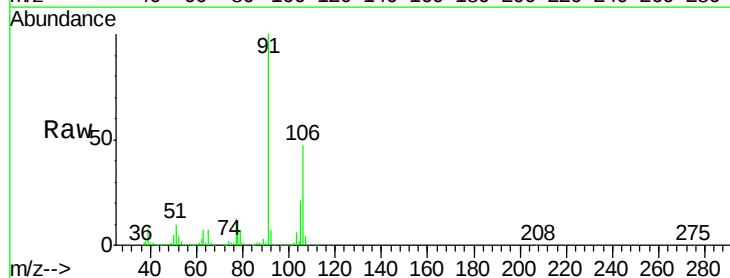
Acq: 02 Oct 2020 12:08

Tgt Ion: 106 Resp: 418460

Ion Ratio Lower Upper

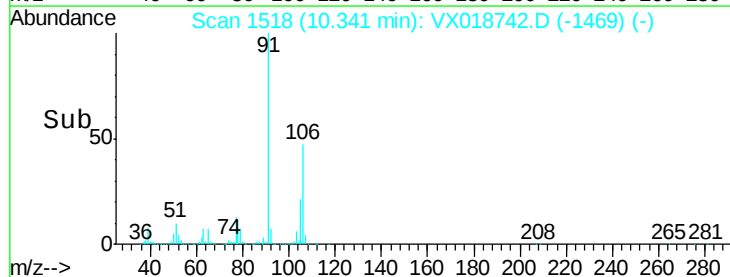
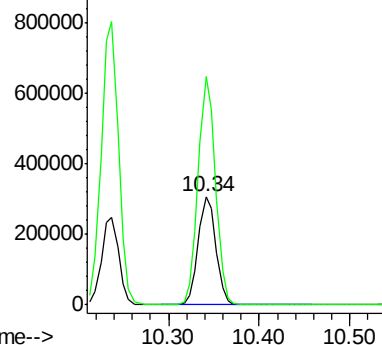
106 100

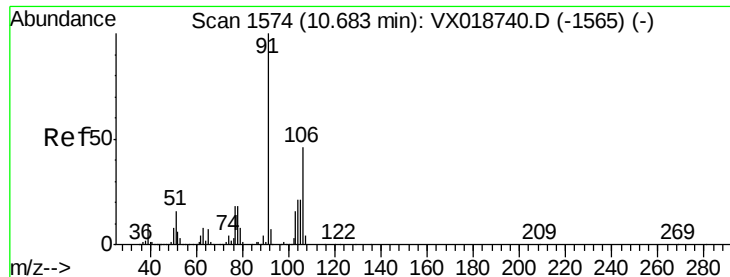
91 211.0 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

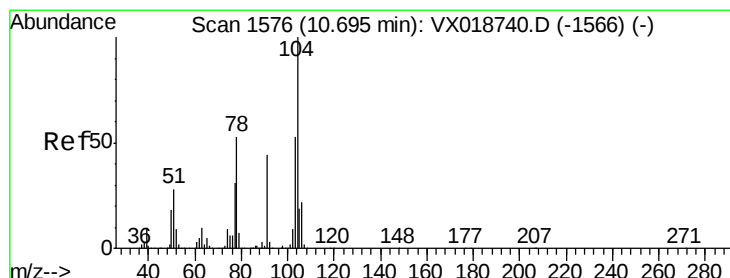
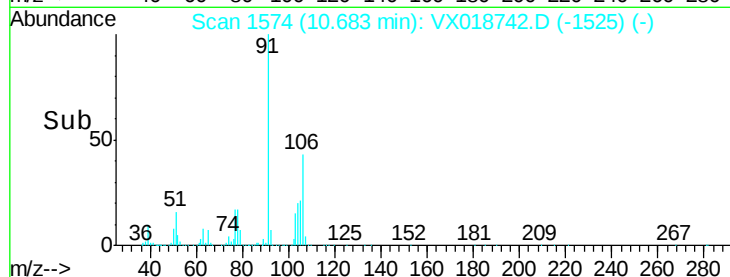
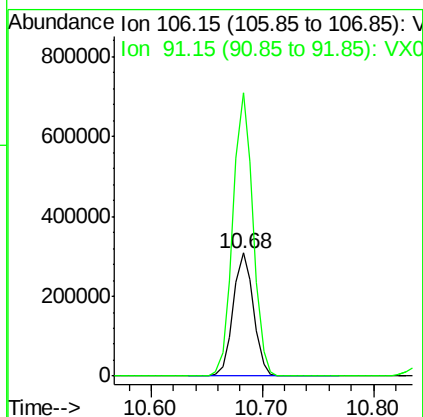
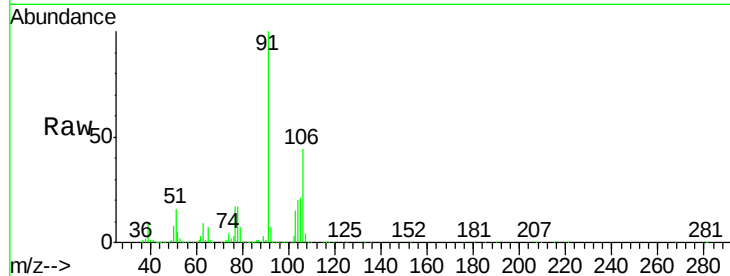




#56
o-xylene
Concen: 15.172 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018742.D
Acq: 02 Oct 2020 12:08

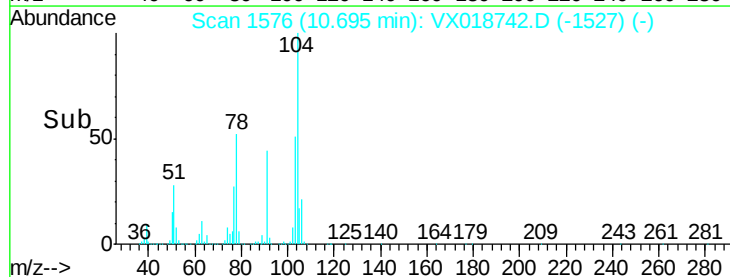
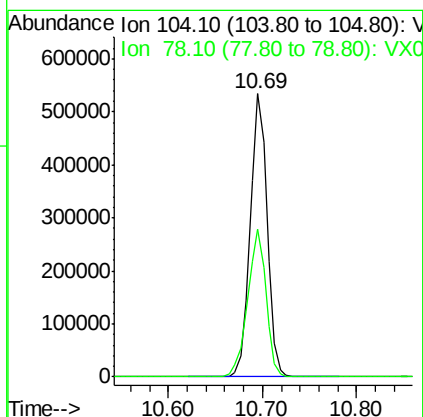
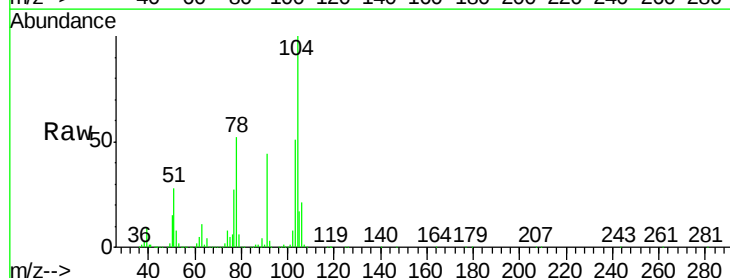
Instrument :
MSVOA_X
ClientSampleId :
VSTD02062

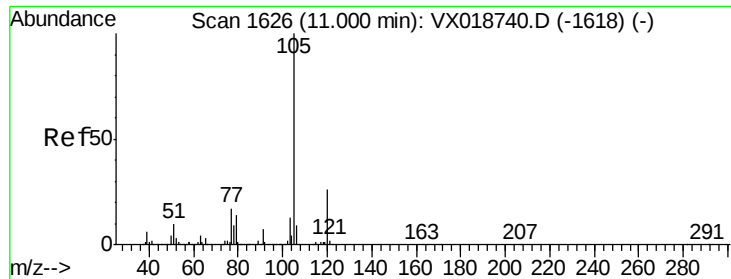
Tgt Ion:106 Resp: 390017
Ion Ratio Lower Upper
106 100
91 229.7 153.4 284.8



#57
Styrene
Concen: 15.649 ug/L
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018742.D
Acq: 02 Oct 2020 12:08

Tgt Ion:104 Resp: 676413
Ion Ratio Lower Upper
104 100
78 52.1 37.1 68.9





#58

Isopropylbenzene

Concen: 15.896 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD02062

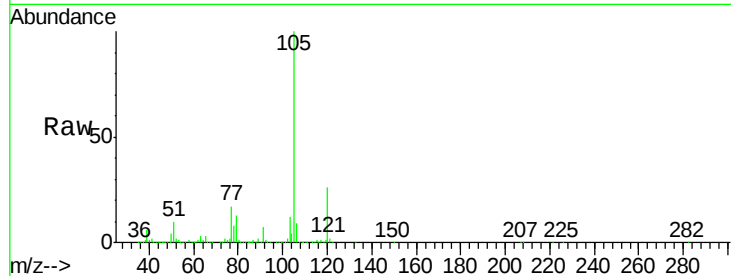
Tgt Ion:105 Resp: 1101679

Ion Ratio Lower Upper

105 100

120 26.6 20.2 30.2

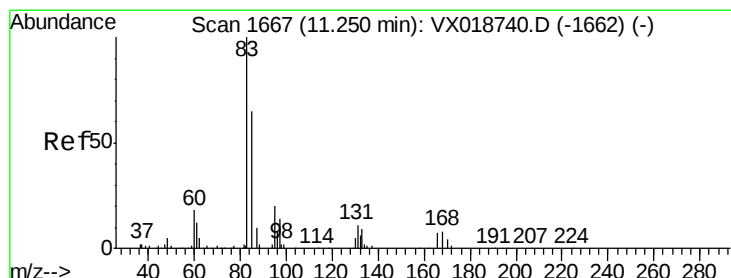
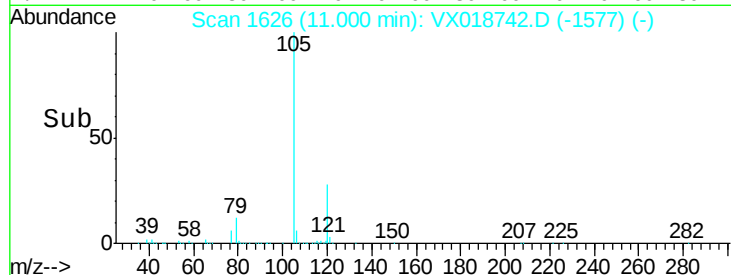
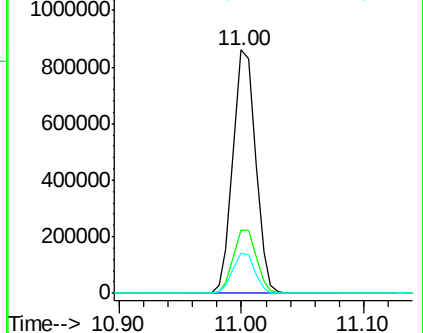
77 16.6 13.3 19.9



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: 14.308 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018742.D

Acq: 02 Oct 2020 12:08

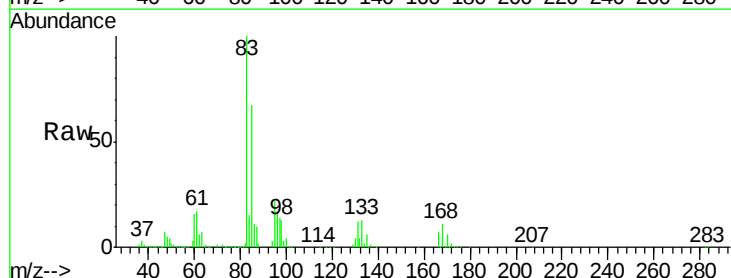
Tgt Ion: 83 Resp: 173760

Ion Ratio Lower Upper

83 100

85 66.7 46.5 86.5

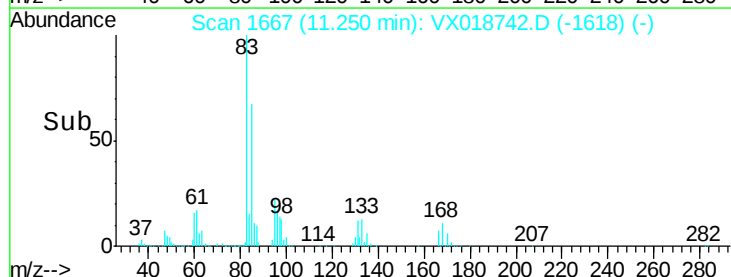
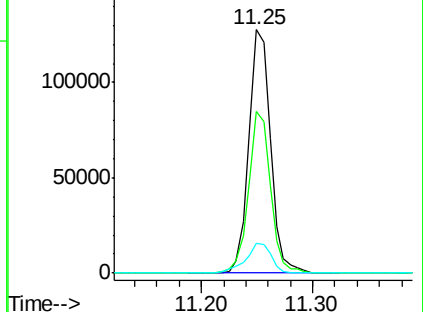
131 12.0 9.6 14.4

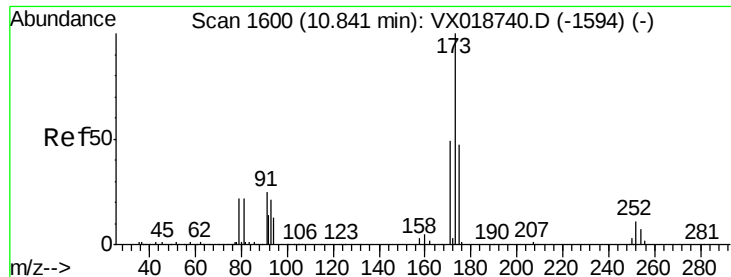


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V

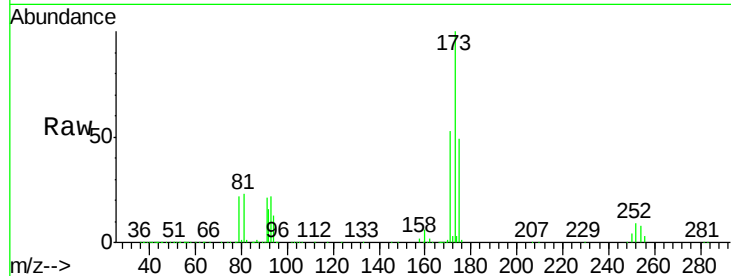




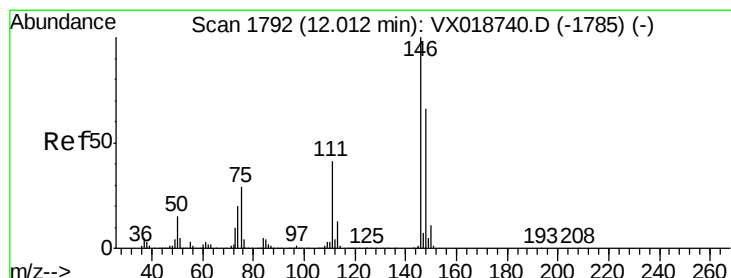
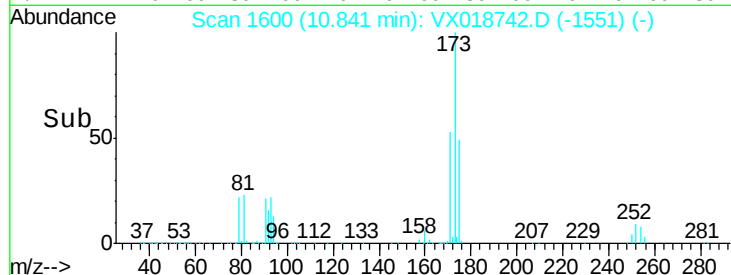
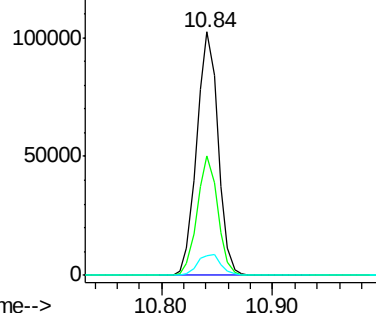
#62
Bromoform
Concen: 14.445 ug/L
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018742.D
Acq: 02 Oct 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD02062

Tgt Ion:173 Resp: 136047
Ion Ratio Lower Upper
173 100
175 47.2 37.8 56.8
254 9.3 7.2 10.8

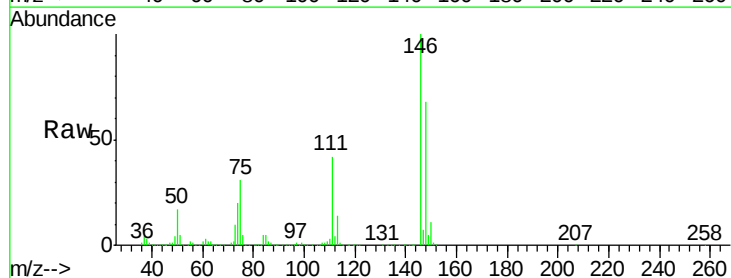


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

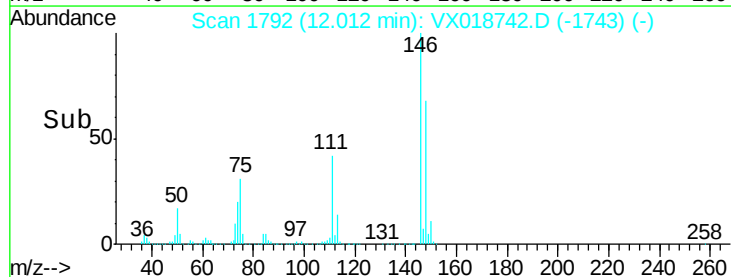
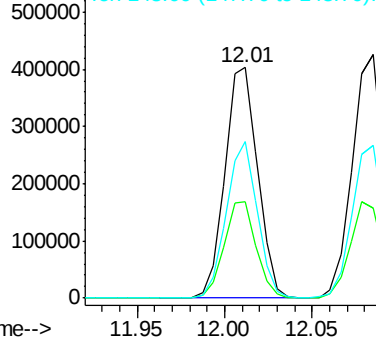


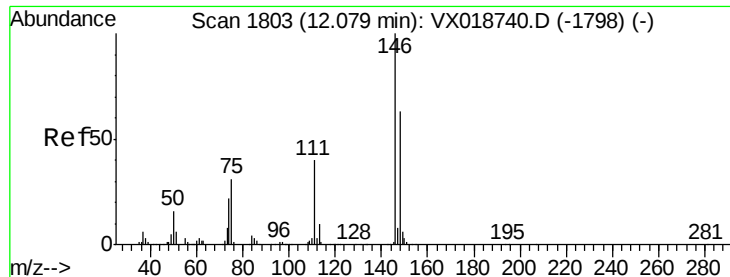
#63
1,3-Dichlorobenzene
Concen: 14.486 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX018742.D
Acq: 02 Oct 2020 12:08

Tgt Ion:146 Resp: 523294
Ion Ratio Lower Upper
146 100
111 41.7 28.4 52.8
148 68.0 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

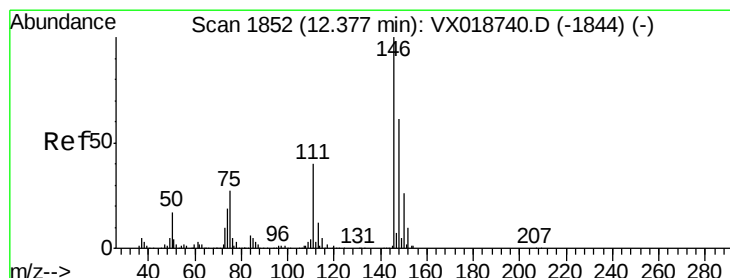
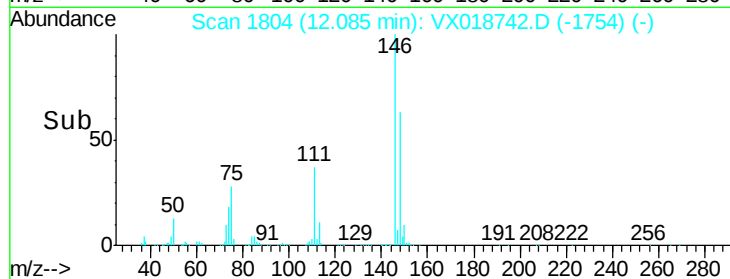
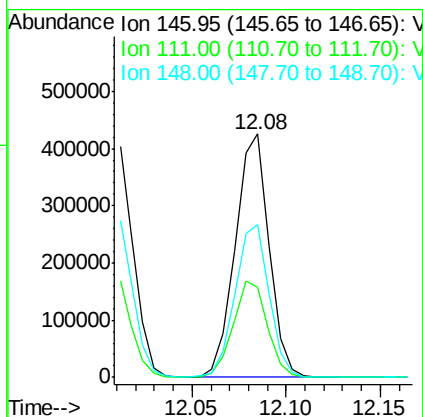
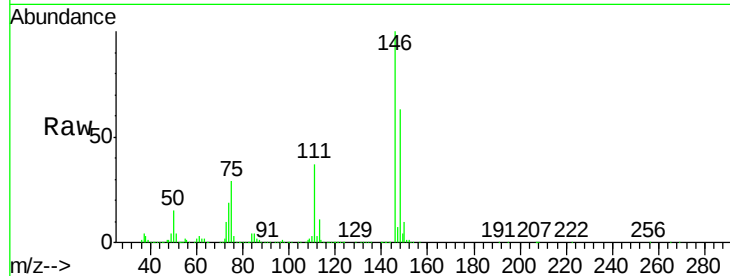




#64
 1,4-Dichlorobenzene
 Concen: 14.573 ug/L
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

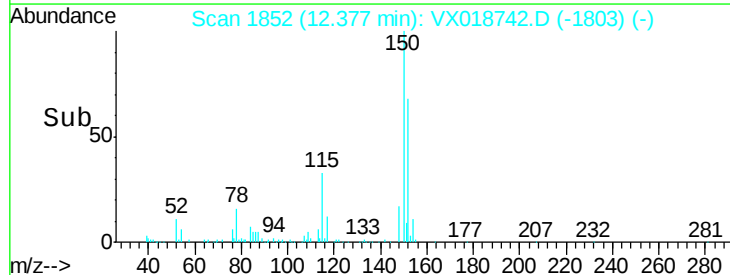
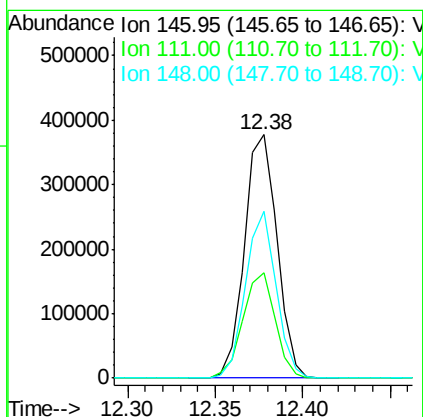
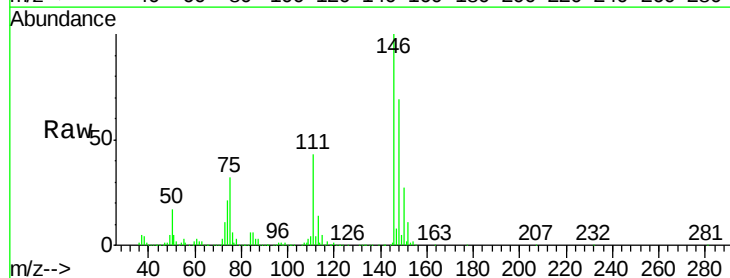
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02062

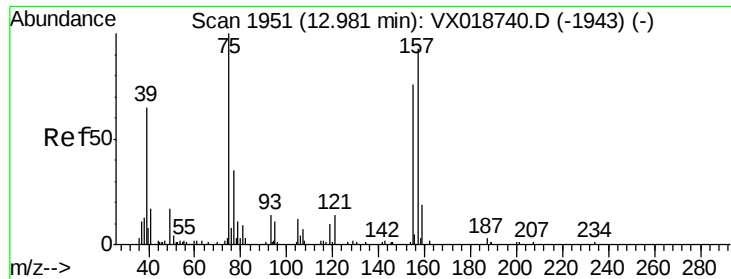
Tgt Ion:146 Resp: 526437
 Ion Ratio Lower Upper
 146 100
 111 37.1 28.6 53.2
 148 63.0 44.2 82.0



#66
 1,2-Dichlorobenzene
 Concen: 14.415 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

Tgt Ion:146 Resp: 489543
 Ion Ratio Lower Upper
 146 100
 111 43.4 31.7 47.5
 148 68.6 49.0 73.6

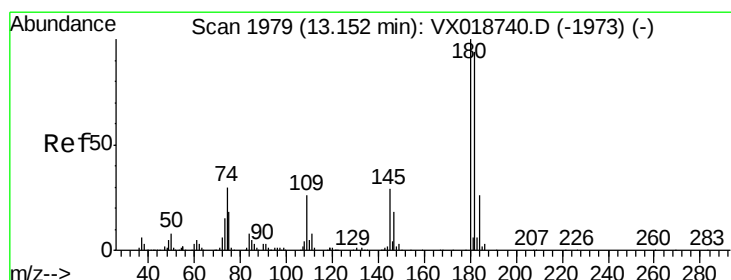
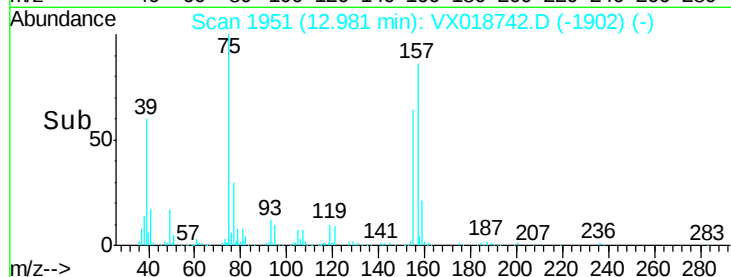
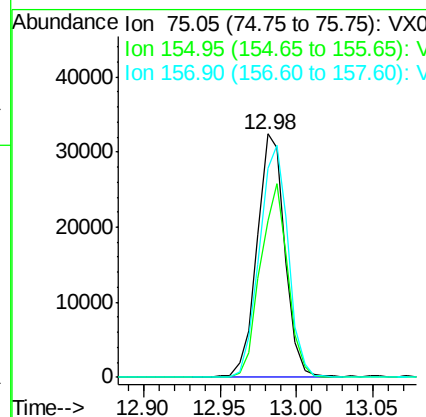
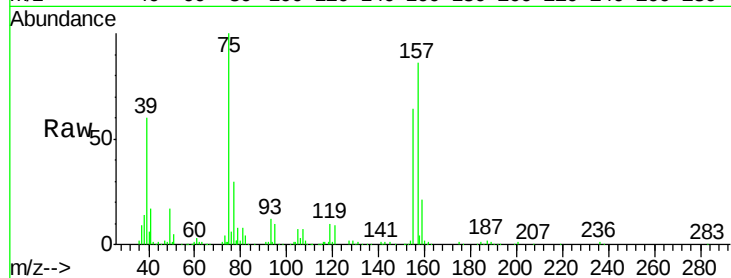




#67
 1,2-Dibromo-3-chloropropane
 Concen: 13.862 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

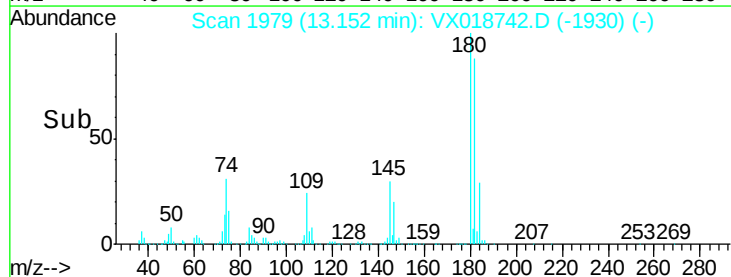
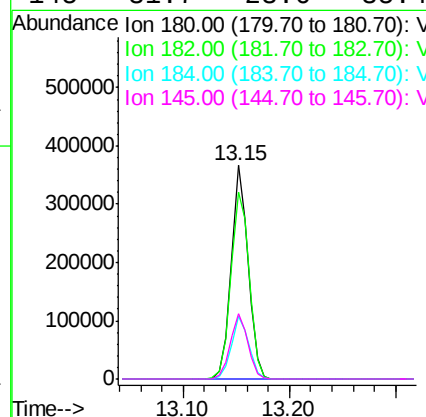
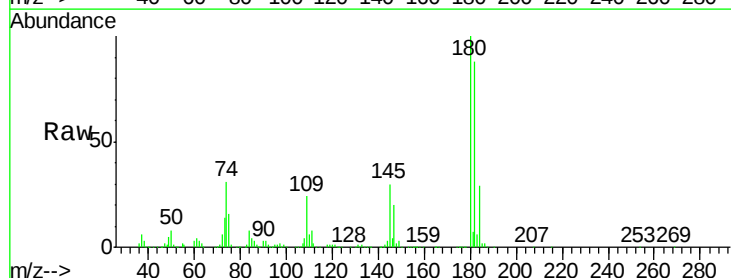
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02062

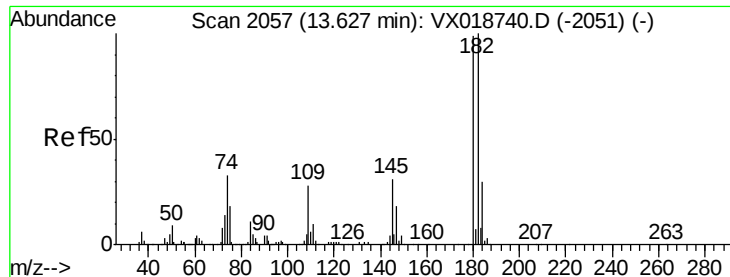
Tgt Ion: 75 Resp: 41063
 Ion Ratio Lower Upper
 75 100
 155 64.2 61.1 91.7
 157 85.6 74.2 111.2



#68
 1,3,5-Trichlorobenzene
 Concen: 15.120 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

Tgt Ion: 180 Resp: 408197
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.1 111.1
 184 30.3 23.4 35.2
 145 31.7 23.6 35.4

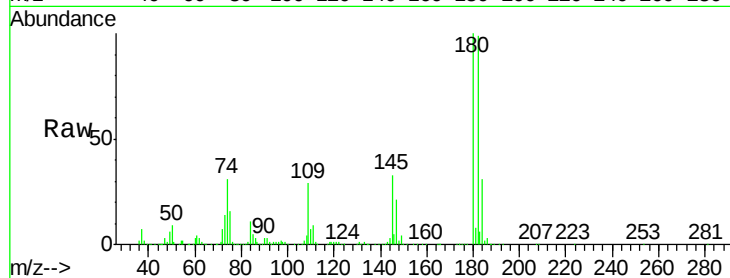




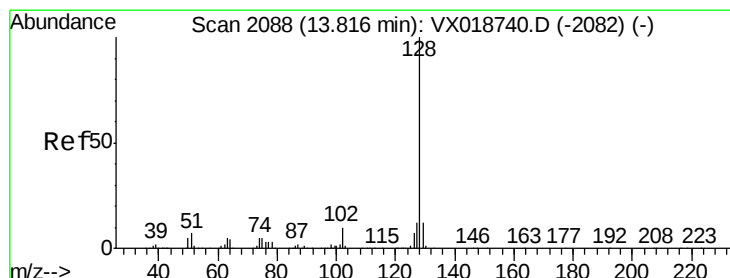
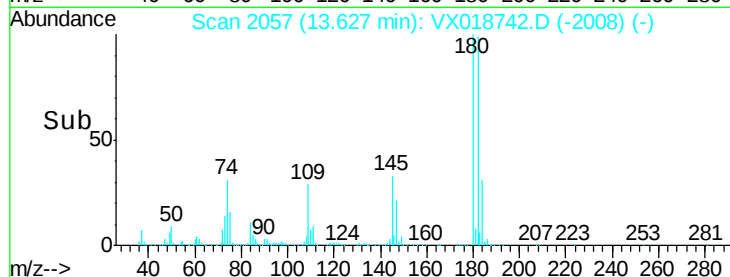
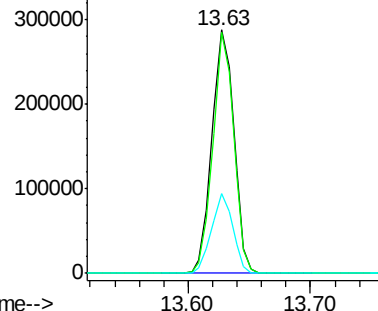
#69
 1,2,4-trichlorobenzene
 Concen: 15.048 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02062

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	80.2	120.4
145	31.8	25.2	37.8

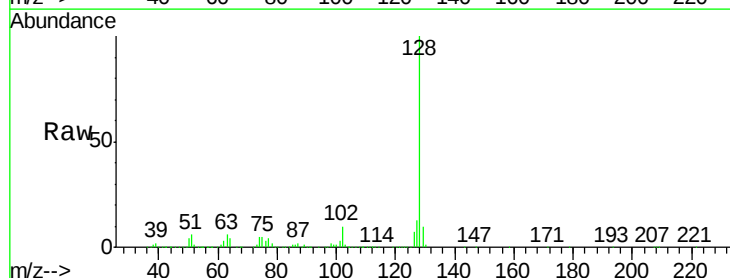


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

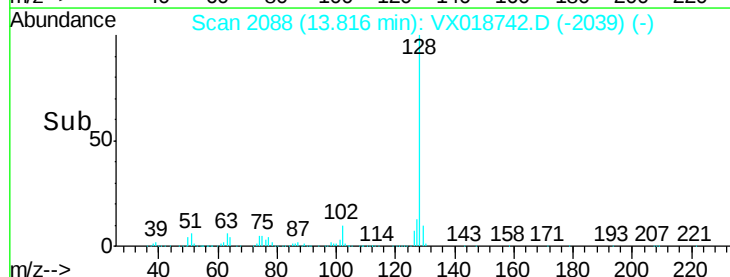
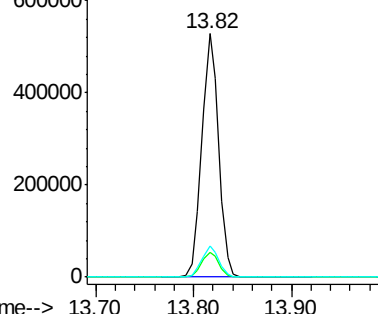


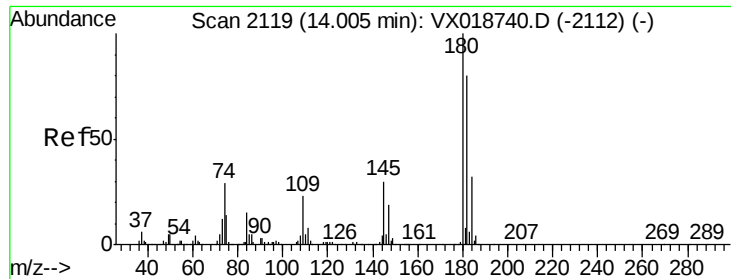
#70
 Naphthalene
 Concen: 14.725 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.8	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: 14.762 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX018742.D
 Acq: 02 Oct 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02062

Tgt Ion:	180	Resp:	326447
Ion	Ratio	Lower	Upper
180	100		
182	92.3	73.6	110.4
145	33.3	26.6	40.0

