

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
 Data File : VX018741.D
 Acq On : 02 Oct 2020 11:44
 Operator : JC/SP
 Sample : VSTD01061
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01061

Quant Time: Oct 02 12:19:32 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	192632	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	182793	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	98011	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	114811	8.98	ug/L	0.00
7) Chloroethane-d5	1.70	69	88856	8.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	261252	9.81	ug/L	0.00
20) 2-Butanone-d5	4.56	46	316344	94.65	ug/L	0.00
24) Chloroform-d	5.14	84	274717	10.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.04	65	164071	10.95	ug/L	0.00
32) Benzene-d6	6.05	84	467375	9.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	130461	8.77	ug/L	0.00
41) Toluene-d8	8.70	98	470057	10.08	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	73494	10.97	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	269454	101.23	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	109842	9.56	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	194192	10.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	132495	6.478 ug/L	98
3) Chloromethane	1.31	50	92948	5.670 ug/L	100
5) Vinyl chloride	1.39	62	106031	6.397 ug/L	98
6) Bromomethane	1.64	94	62567	6.507 ug/L	89
8) Chloroethane	1.71	64	62584	6.717 ug/L	93
9) Trichlorofluoromethane	1.92	101	227714	8.246 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	110448	7.547 ug/L	96
12) 1,1-Dichloroethene	2.36	96	97607	7.195 ug/L	94
13) Acetone	2.46	43	160057	67.498 ug/L	99
14) Carbon disulfide	2.55	76	304738	6.305 ug/L	100
15) Methyl Acetate	2.76	43	38031	5.518 ug/L	97
16) Methylene chloride	2.84	84	99159	5.238 ug/L	95
17) Methyl tert-butyl Ether	3.17	73	255443	7.038 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	102211	6.628 ug/L	99
19) 1,1-Dichloroethane	3.67	63	185967	6.780 ug/L	97
21) 2-Butanone	4.66	43	248723	62.158 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	109029	6.779 ug/L	# 94
23) Bromochloromethane	4.98	128	52698	6.986 ug/L	97
25) Chloroform	5.17	83	213321	7.127 ug/L	98
27) 1,2-Dichloroethane	6.17	62	150924	7.795 ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	218734	7.746 ug/L	100
30) Cyclohexane	5.55	56	155329	6.598 ug/L	97
31) Carbon tetrachloride	5.76	117	208080	7.966 ug/L	98
33) Benzene	6.12	78	403364	6.832 ug/L	100
34) Trichloroethene	7.19	95	116393	6.688 ug/L	98
35) Methylcyclohexane	7.45	83	171916	7.075 ug/L	97
37) 1,2-Dichloropropane	7.49	63	95722	6.479 ug/L	97
38) Bromodichloromethane	7.88	83	154611	7.345 ug/L	# 97
39) cis-1,3-Dichloropropene	8.41	75	163410	7.092 ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	590968	62.415 ug/L	100

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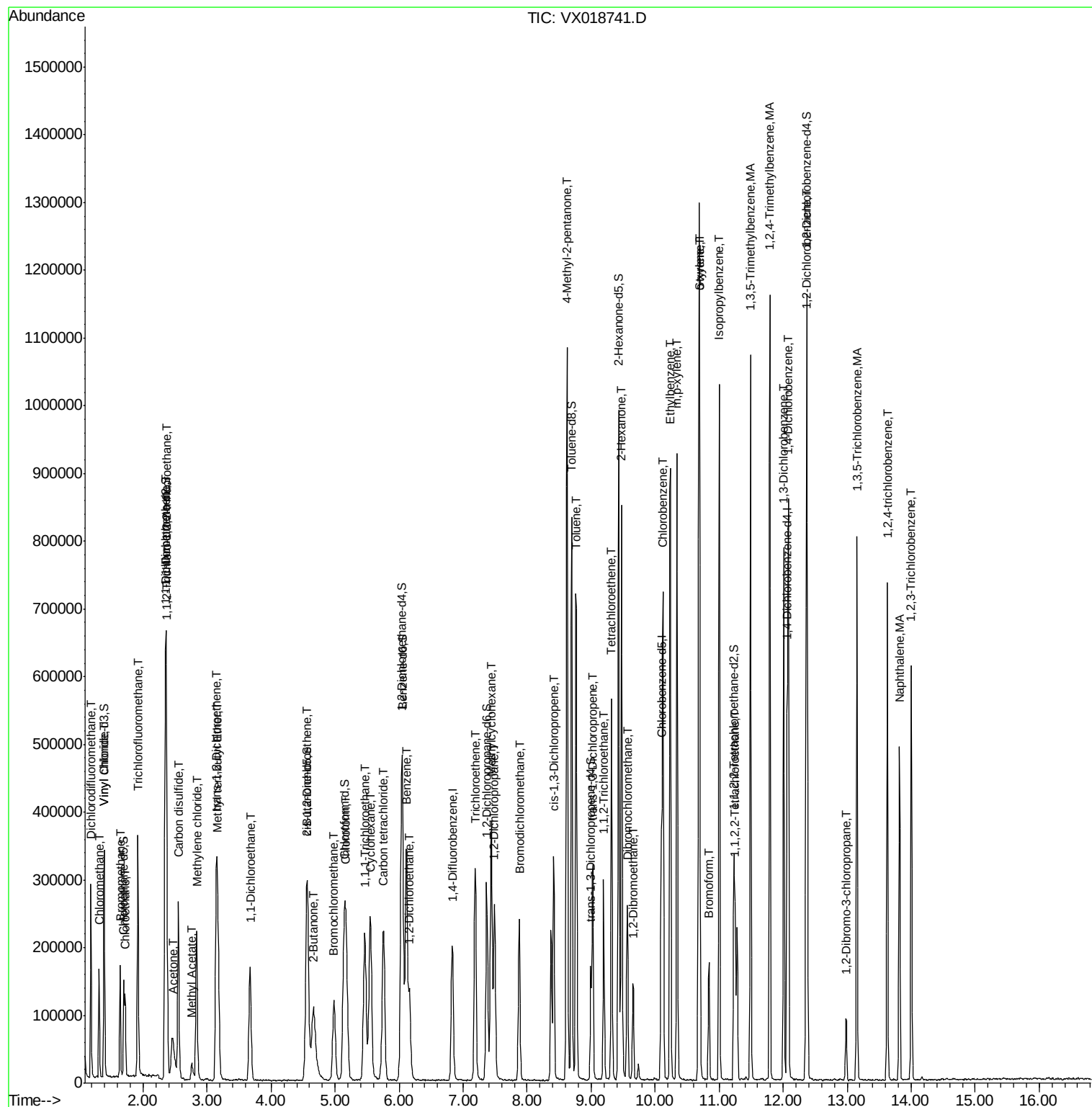
42) Toluene	8.76	91	445934	6.948	ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	454859	7.733	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	455890	7.604	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	150230	7.306	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	74251	6.646	ug/L	97
49) Tetrachloroethene	9.32	164	102694	7.289	ug/L	94
50) 2-Hexanone	9.48	43	433895	63.983	ug/L	98
51) Dibromochloromethane	9.57	129	111756	7.242	ug/L	100
52) 1,2-Dibromoethane	9.66	107	74003	6.822	ug/L #	89
53) Chlorobenzene	10.12	112	298201	7.050	ug/L	96
54) Ethylbenzene	10.24	91	512796	7.272	ug/L	98
55) m,p-xylene	10.34	106	199562	7.441	ug/L	90
56) o-xylene	10.68	106	186812	7.198	ug/L	97
57) Styrene	10.69	104	319054	7.311	ug/L	96
58) Isopropylbenzene	11.00	105	523320	7.479	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	83547	6.814	ug/L	99
62) Bromoform	10.84	173	65870	7.246	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	257307	7.380	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	250661	7.189	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	231638	7.067	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	18997	6.645	ug/L	95
68) 1,3,5-Trichlorobenzene	13.16	180	194010	7.446	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	167498	7.324	ug/L	95
70) Naphthalene	13.82	128	287658	6.967	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	149757	7.017	ug/L	97

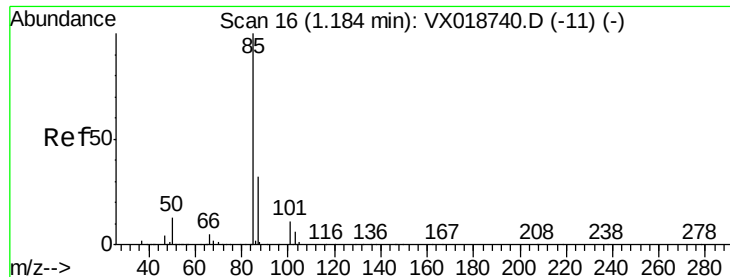
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 6.478 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

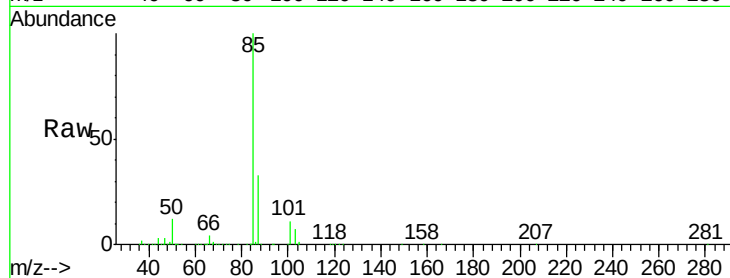
VSTD01061

Tgt Ion: 85 Resp: 132495

Ion Ratio Lower Upper

85 100

87 32.9 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

1.18

150000

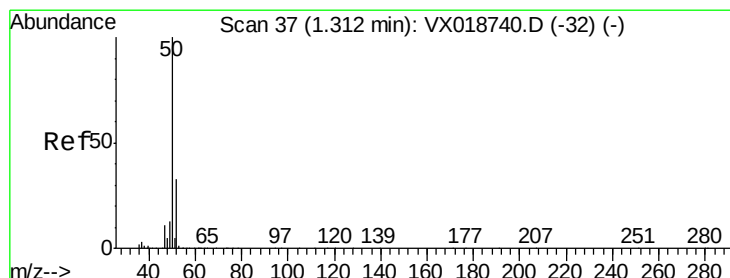
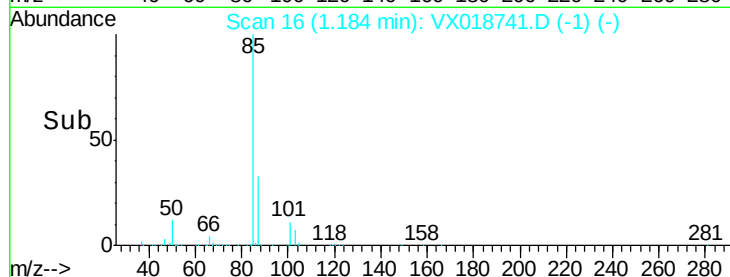
100000

50000

0

Time-->

1.15 1.20 1.25



#3

Chloromethane

Concen: 5.670 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018741.D

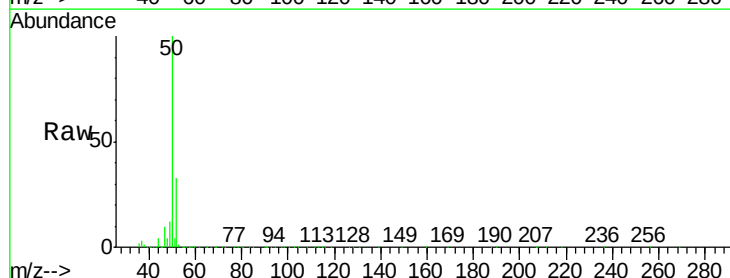
Acq: 02 Oct 2020 11:44

Tgt Ion: 50 Resp: 92948

Ion Ratio Lower Upper

50 100

52 33.3 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0

1.31

100000

80000

60000

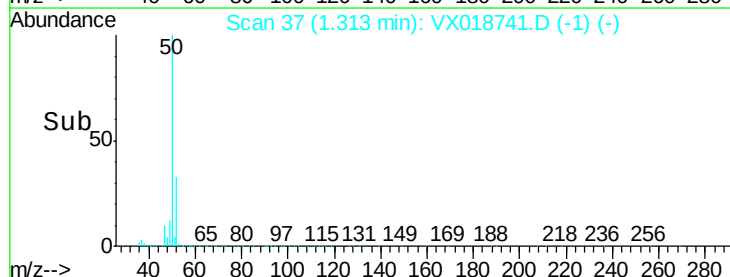
40000

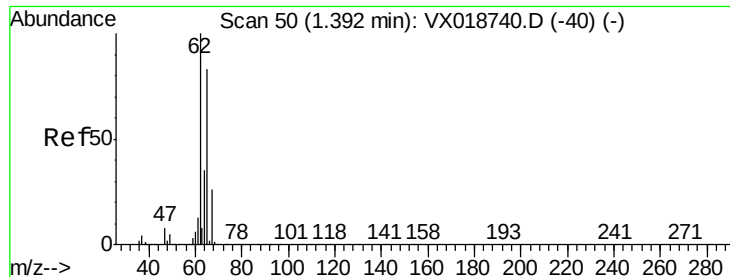
20000

0

Time-->

1.25 1.30 1.35





#5

Vinyl chloride

Concen: 6.397 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

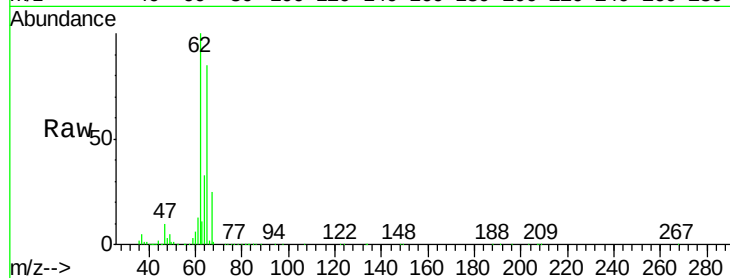
VSTD01061

Tgt Ion: 62 Resp: 106031

Ion Ratio Lower Upper

62 100

64 33.3 24.3 45.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0

1.39

120000

100000

80000

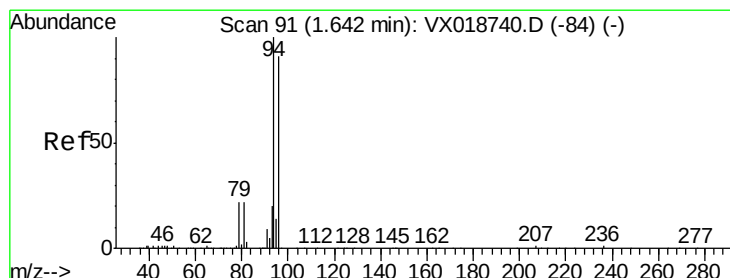
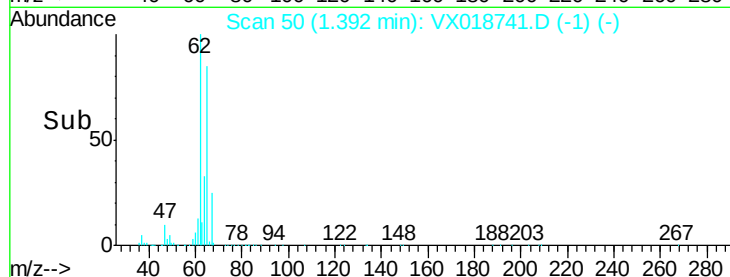
60000

40000

20000

0

Time--> 1.30 1.35 1.40 1.45 1.50



#6

Bromomethane

Concen: 6.507 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018741.D

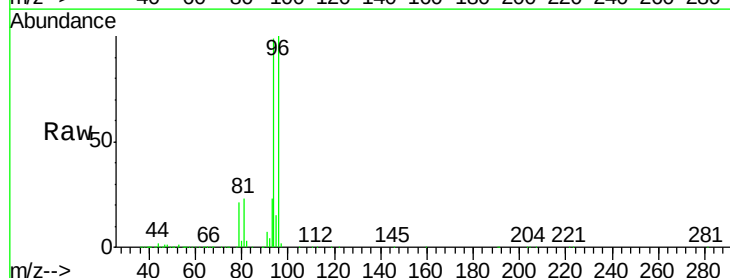
Acq: 02 Oct 2020 11:44

Tgt Ion: 94 Resp: 62567

Ion Ratio Lower Upper

94 100

96 101.5 63.5 117.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

60000

50000

40000

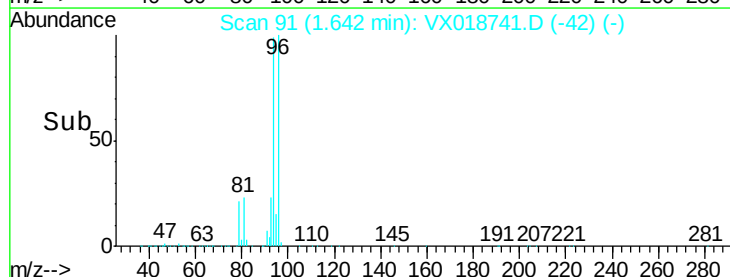
30000

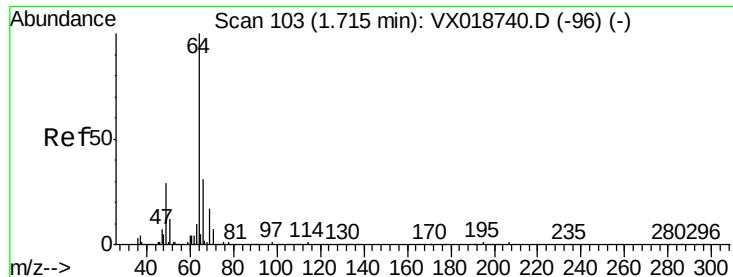
20000

10000

0

Time--> 1.60 1.65 1.70 1.75





#8

Chloroethane

Concen: 6.717 ug/L

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampled :

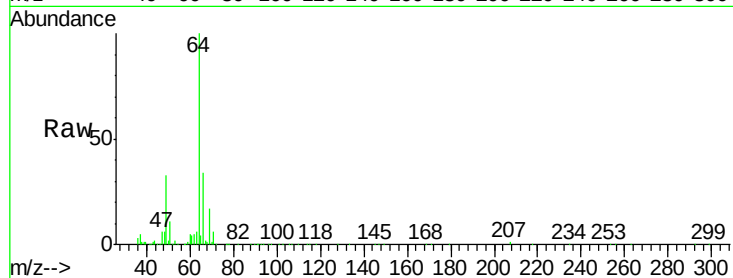
VSTD01061

Tgt Ion: 64 Resp: 62584

Ion Ratio Lower Upper

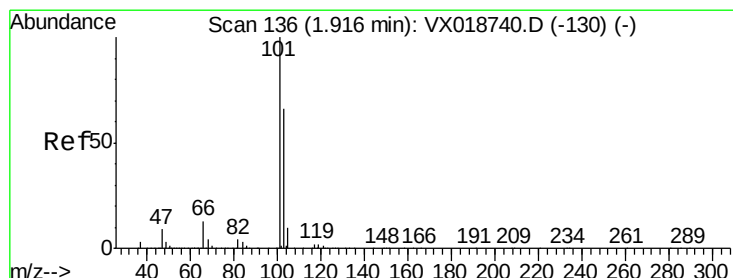
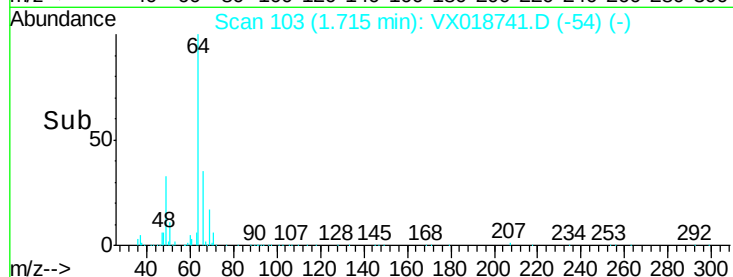
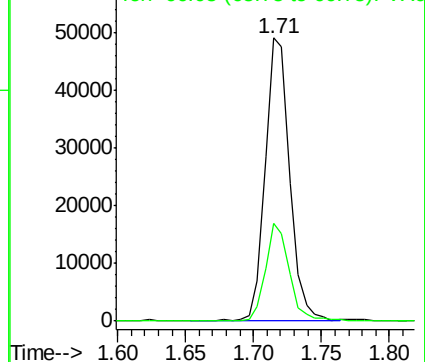
64 100

66 34.4 21.5 39.9



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0



#9

Trichlorofluoromethane

Concen: 8.246 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX018741.D

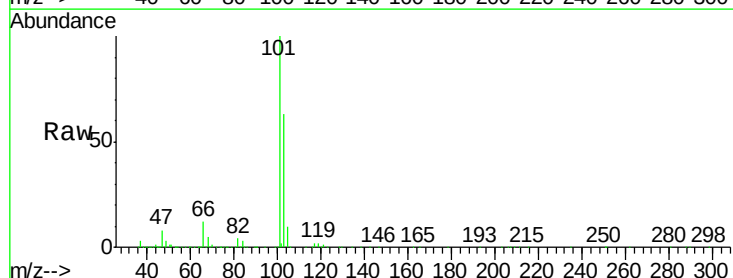
Acq: 02 Oct 2020 11:44

Tgt Ion: 101 Resp: 227714

Ion Ratio Lower Upper

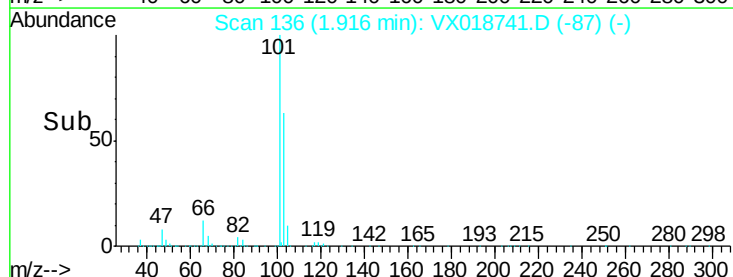
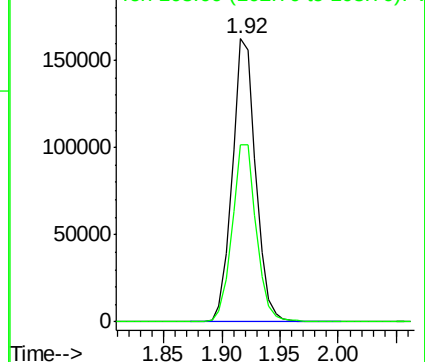
101 100

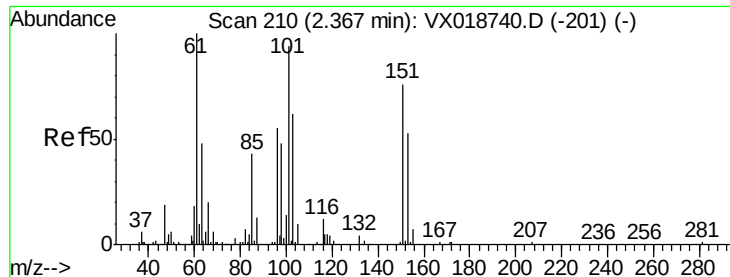
103 64.9 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 7.547 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTD01061

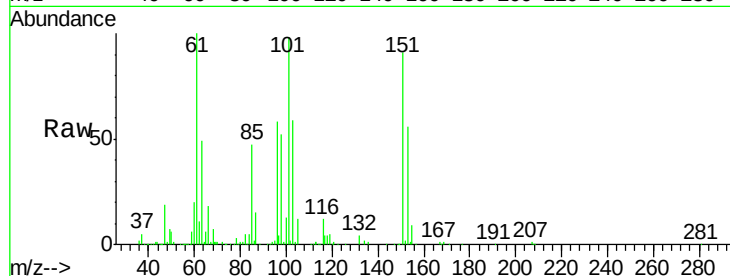
Tgt Ion: 101 Resp: 110448

Ion Ratio Lower Upper

101 100

85 44.8 37.1 55.7

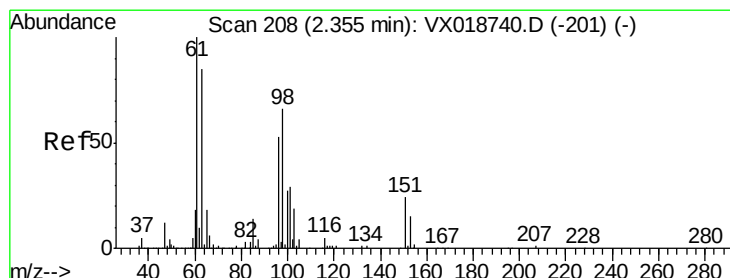
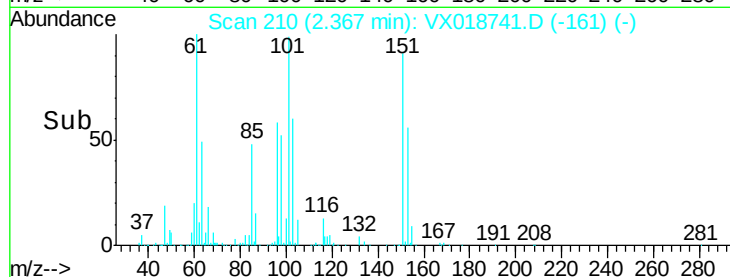
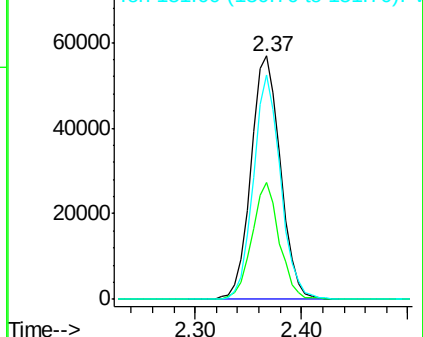
151 85.3 65.0 97.6



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: 7.195 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

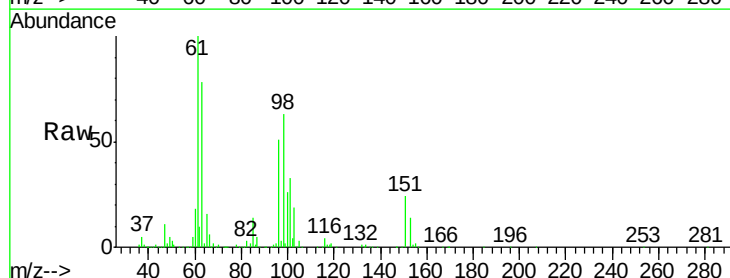
Tgt Ion: 96 Resp: 97607

Ion Ratio Lower Upper

96 100

61 197.8 133.2 247.4

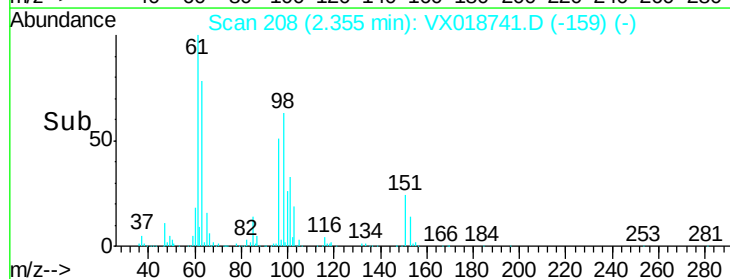
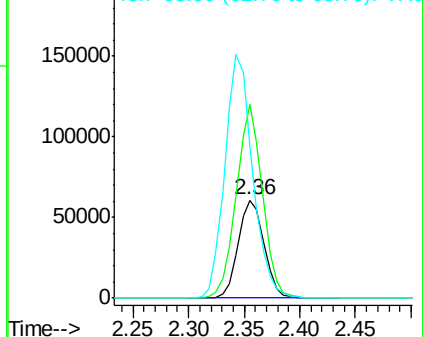
63 155.1 115.1 213.7

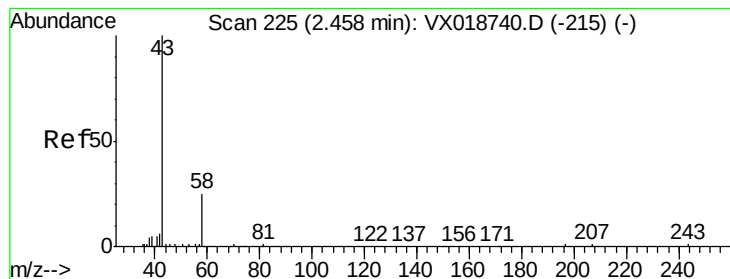


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 67.498 ug/L

RT: 2.46 min Scan# 225

Delta R.T. 0.00 min

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ClientSampleId :

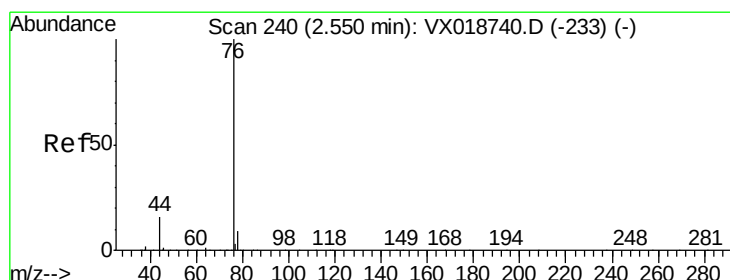
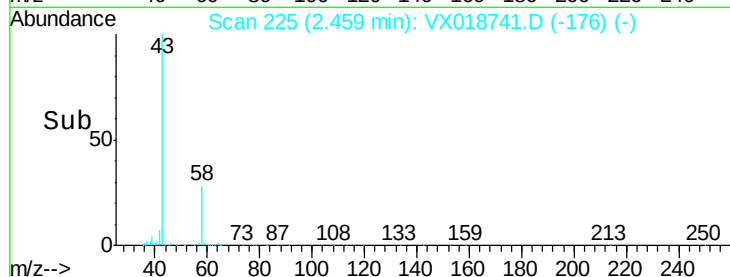
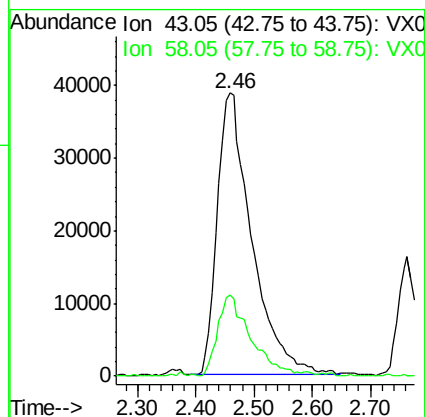
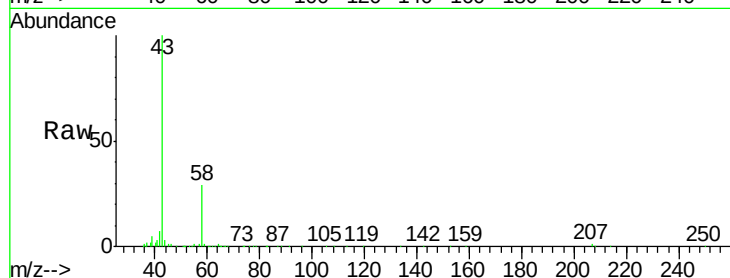
VSTD01061

Tgt Ion: 43 Resp: 160057

Ion Ratio Lower Upper

43 100

58 27.5 0.0 56.4



#14

Carbon disulfide

Concen: 6.305 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018741.D

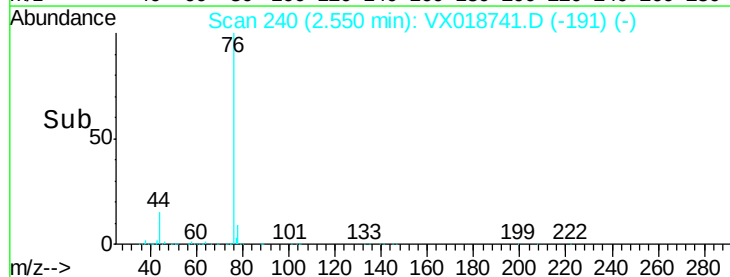
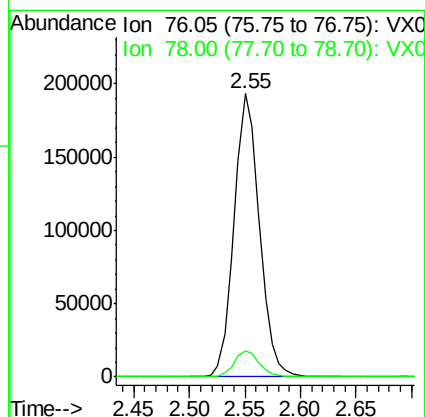
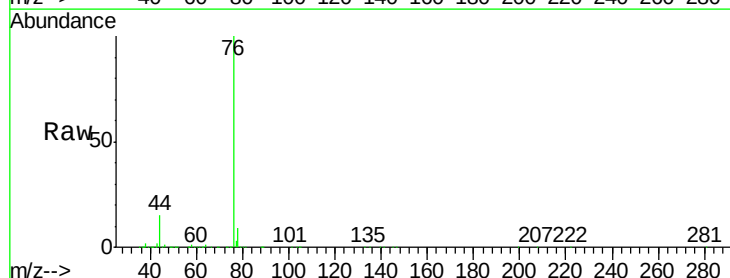
Acq: 02 Oct 2020 11:44

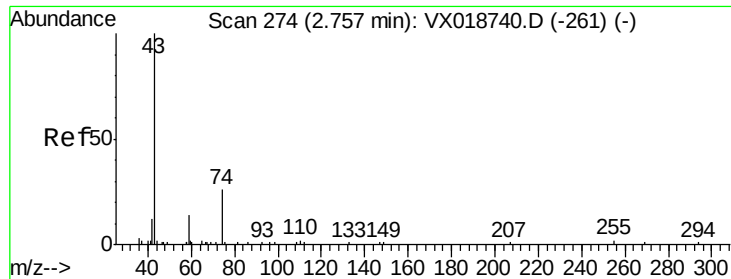
Tgt Ion: 76 Resp: 304738

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

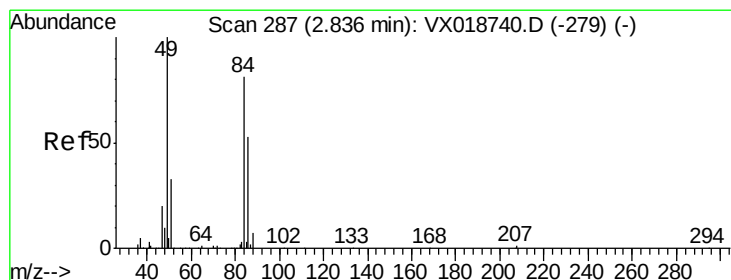
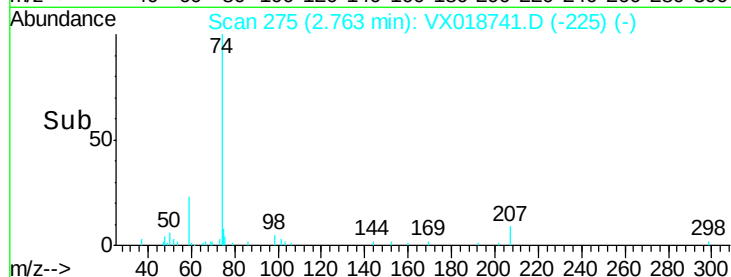
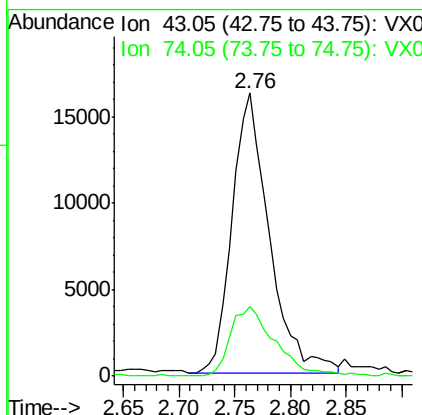
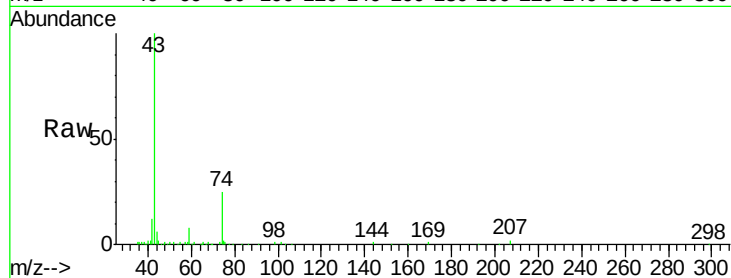




#15
Methyl Acetate
Concen: 5.518 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

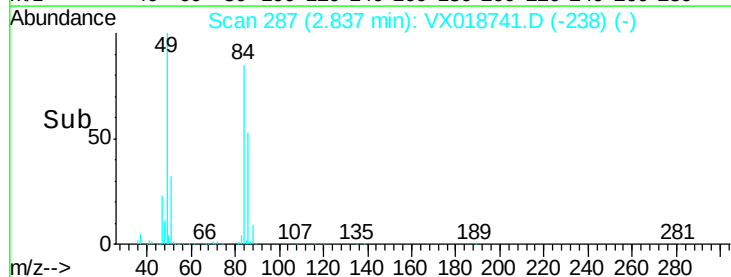
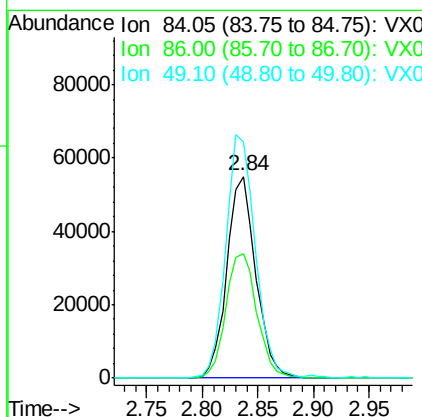
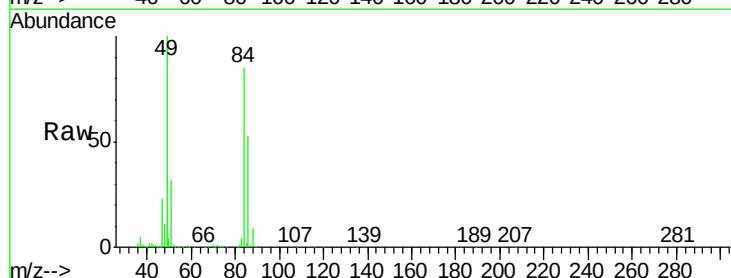
Instrument :
MSVOA_X
ClientSampleId :
VSTD01061

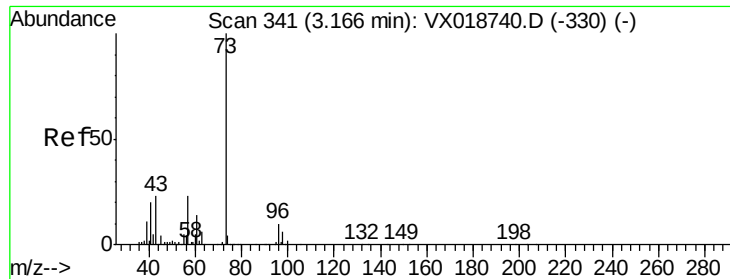
Tgt Ion: 43 Resp: 38031
Ion Ratio Lower Upper
43 100
74 29.1 21.9 32.9



#16
Methylene chloride
Concen: 5.238 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

Tgt Ion: 84 Resp: 99159
Ion Ratio Lower Upper
84 100
86 61.7 45.6 84.8
49 117.0 85.8 159.3

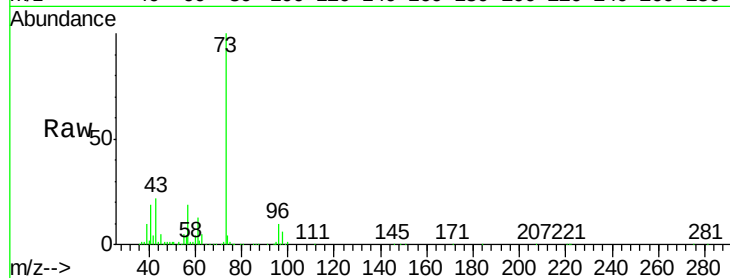




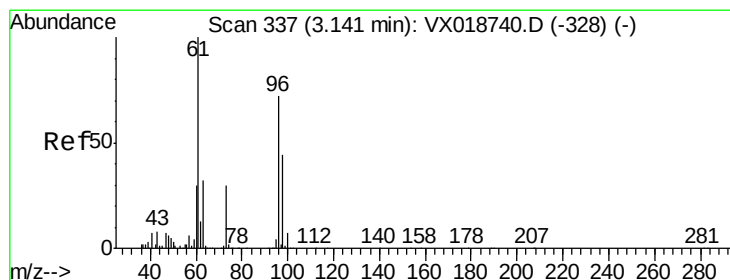
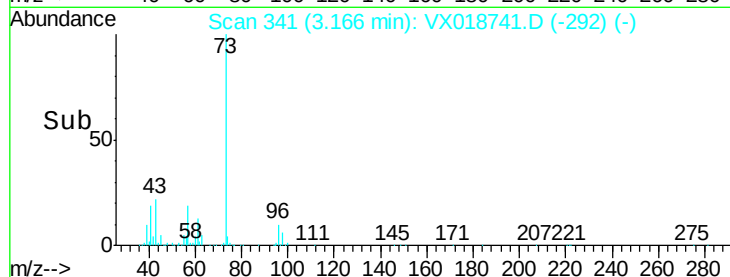
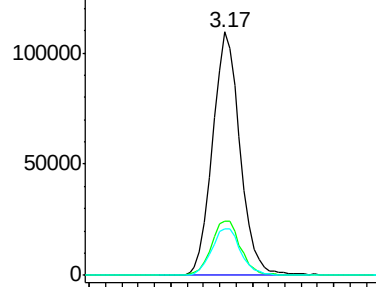
#17
Methyl tert-butyl Ether
Concen: 7.038 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTD01061

Tgt Ion: 73 Resp: 255443
Ion Ratio Lower Upper
73 100
43 23.9 19.4 29.0
57 20.6 17.2 25.8

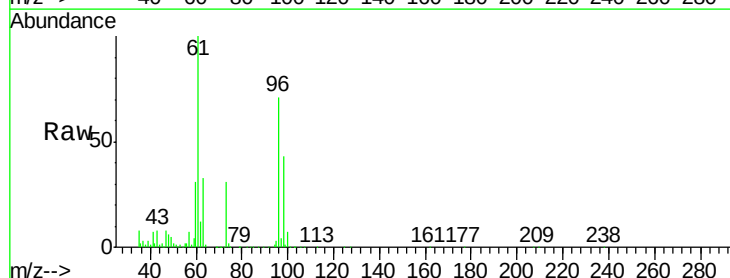


Abundance Ion 73.10 (72.80 to 73.80): VX0
150000
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

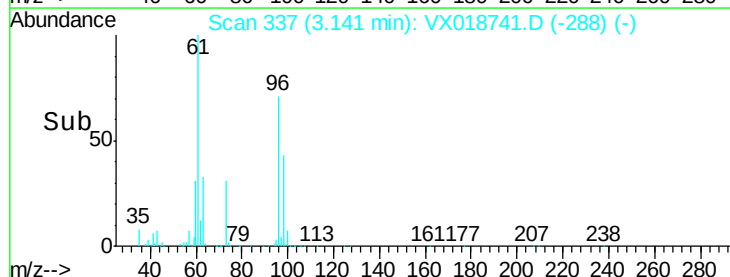
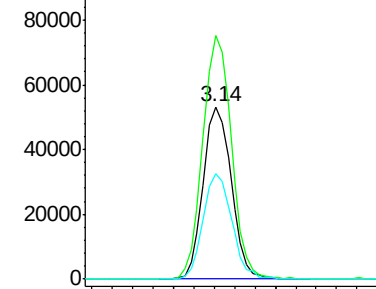


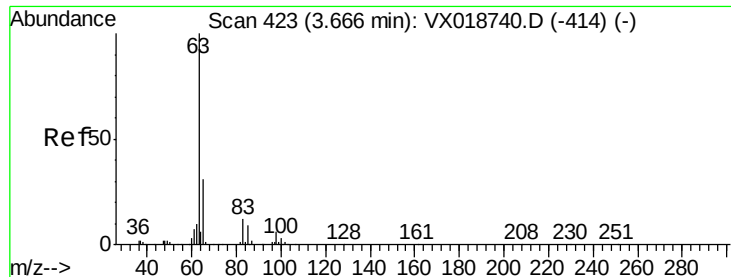
#18
trans-1,2-Dichloroethene
Concen: 6.628 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

Tgt Ion: 96 Resp: 102211
Ion Ratio Lower Upper
96 100
61 141.1 97.6 181.4
98 60.7 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
100000
Ion 61.05 (60.75 to 61.75): VX0
Ion 97.95 (97.65 to 98.65): VX0

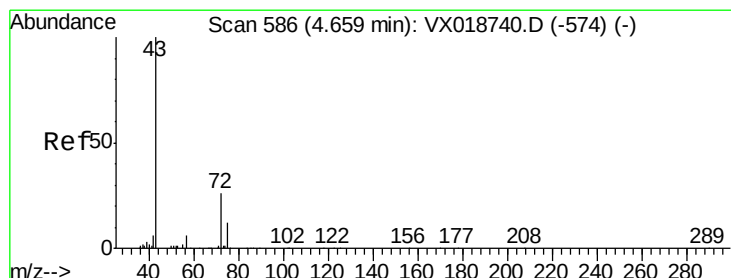
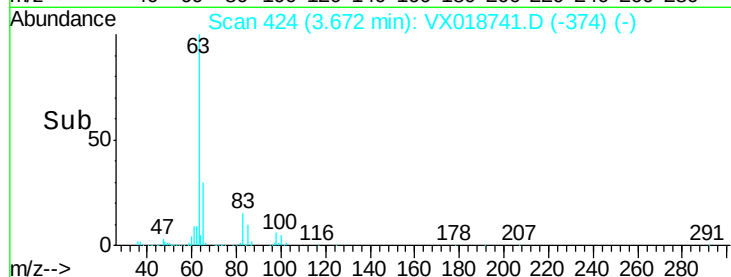
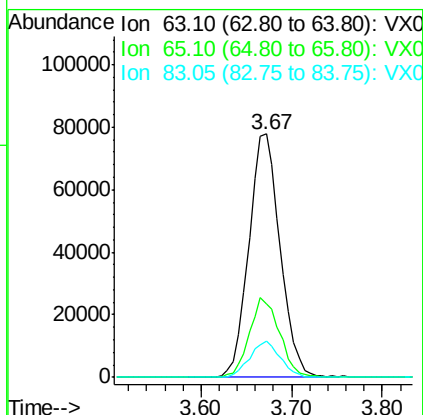
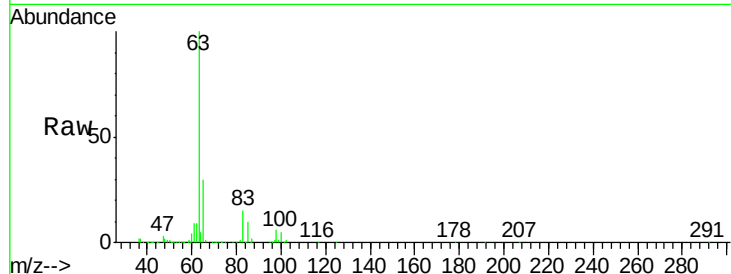




#19
 1,1-Dichloroethane
 Concen: 6.780 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

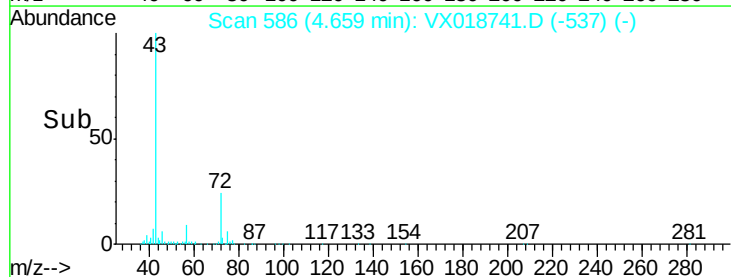
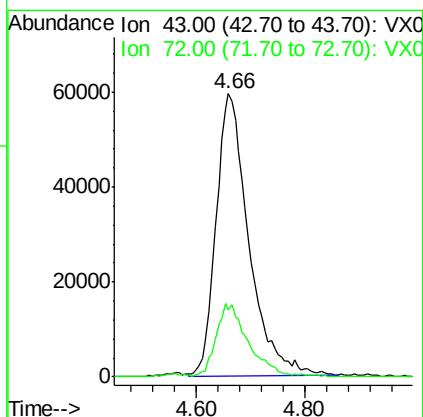
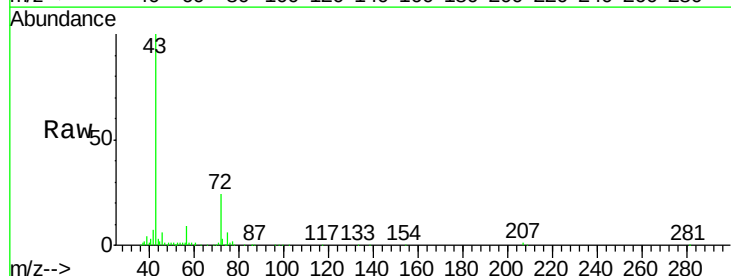
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD01061

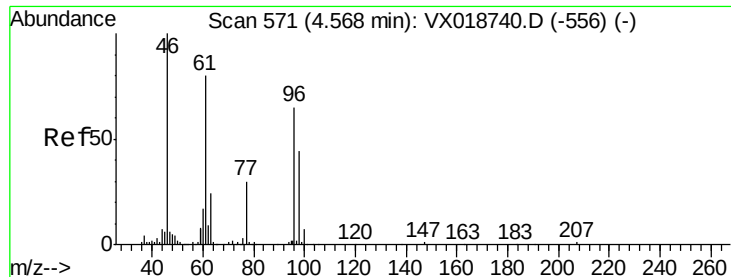
Tgt Ion: 63 Resp: 185967
 Ion Ratio Lower Upper
 63 100
 65 30.1 21.6 40.2
 83 15.0 8.7 16.1



#21
 2-Butanone
 Concen: 62.158 ug/L
 RT: 4.66 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

Tgt Ion: 43 Resp: 248723
 Ion Ratio Lower Upper
 43 100
 72 25.4 12.4 37.2



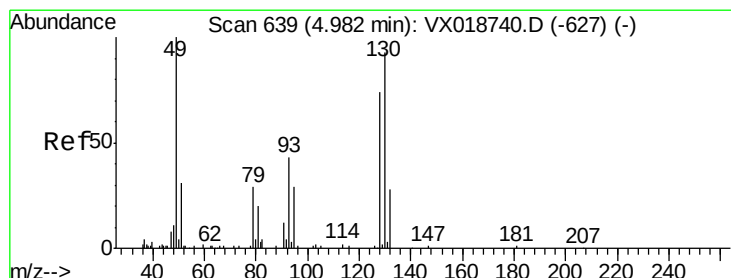
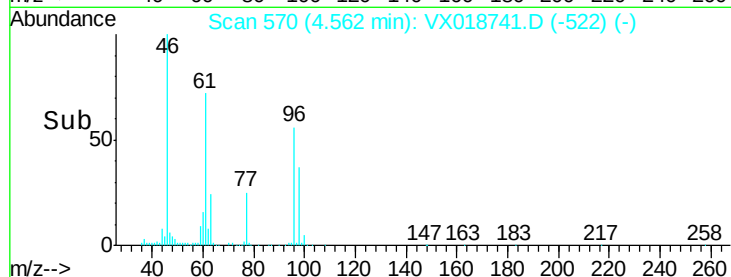
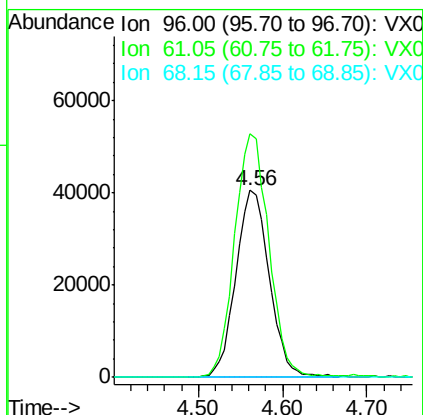
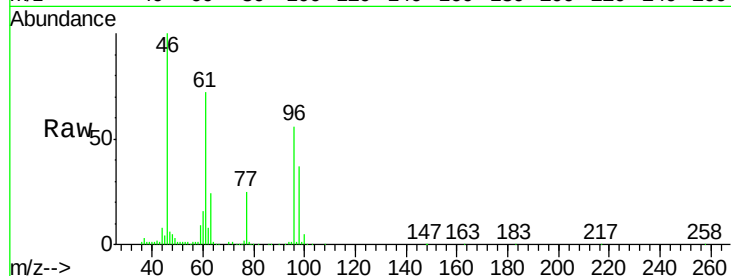


#22

cis-1,2-Dichloroethene
Concen: 6.779 ug/L
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTD01061

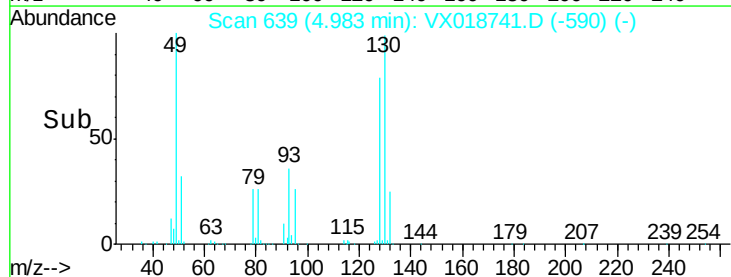
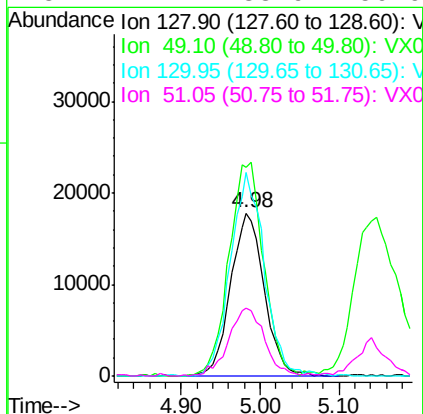
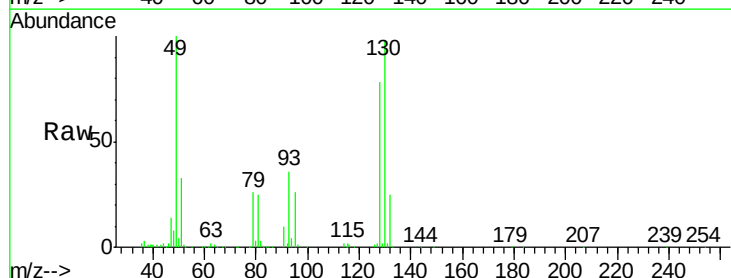
Tgt Ion: 96 Resp: 109029
Ion Ratio Lower Upper
96 100
61 130.4 86.2 160.0
68 0.0 0.3 0.7#

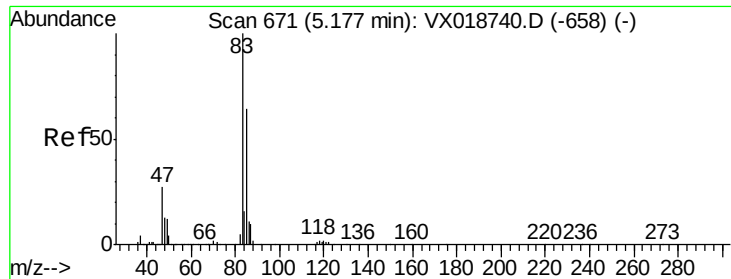


#23

Bromochloromethane
Concen: 6.986 ug/L
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

Tgt Ion:128 Resp: 52698
Ion Ratio Lower Upper
128 100
49 127.8 94.5 175.5
130 125.2 88.2 163.8
51 41.7 33.9 50.9

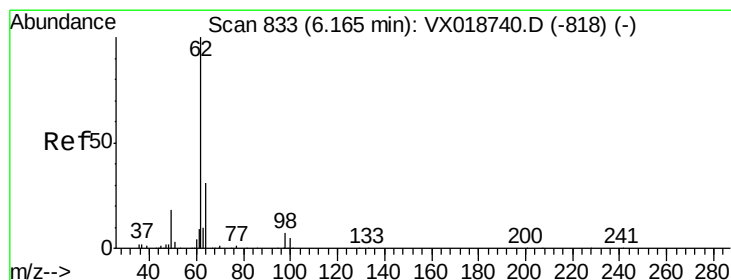
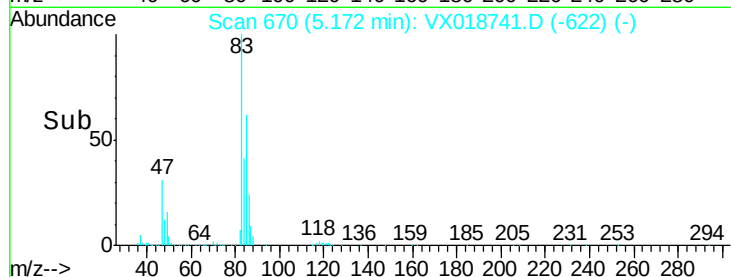
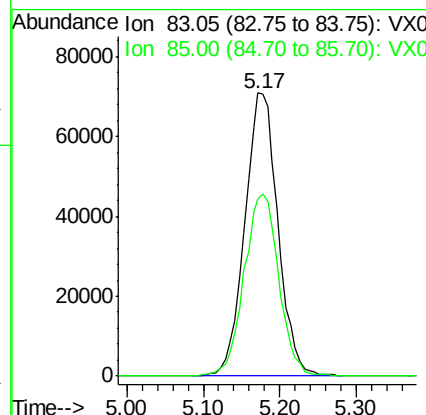
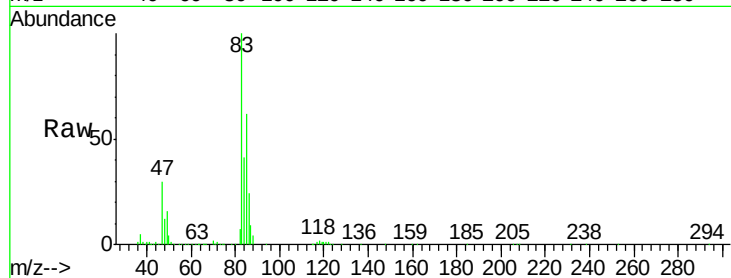




#25
Chloroform
Concen: 7.127 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

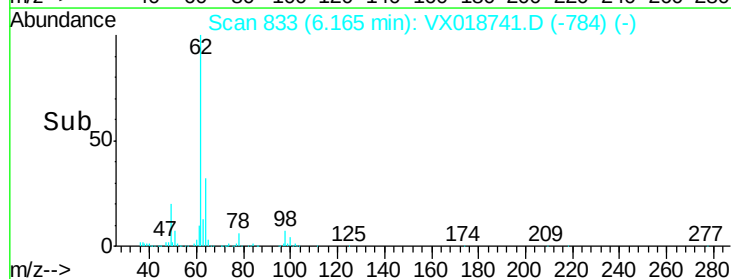
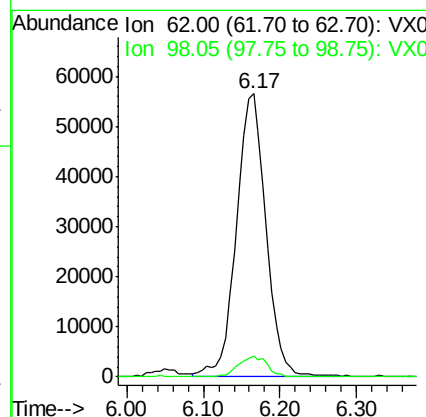
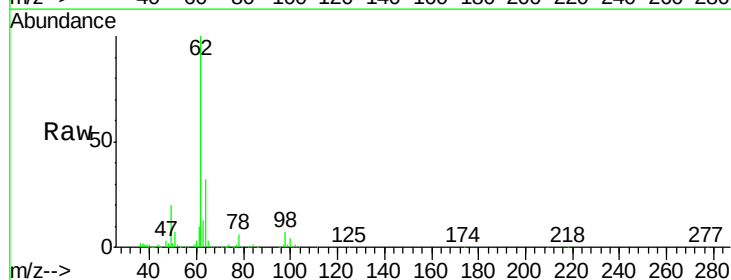
Instrument :
MSVOA_X
ClientSampleId :
VSTD01061

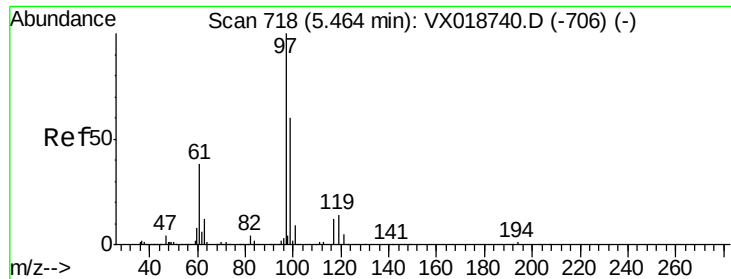
Tgt Ion: 83 Resp: 213321
Ion Ratio Lower Upper
83 100
85 62.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 7.795 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

Tgt Ion: 62 Resp: 150924
Ion Ratio Lower Upper
62 100
98 7.4 5.8 8.8

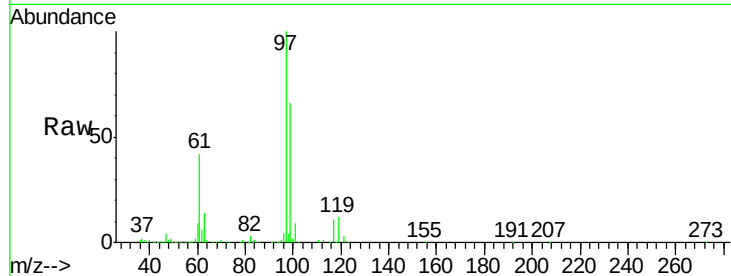




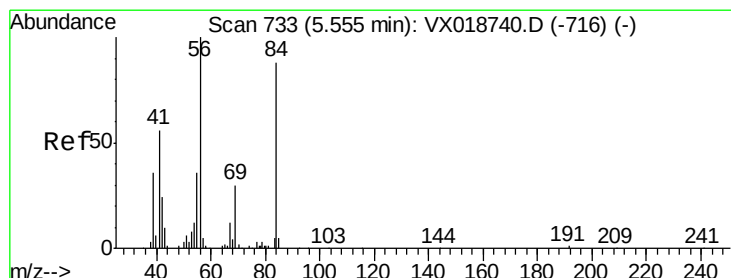
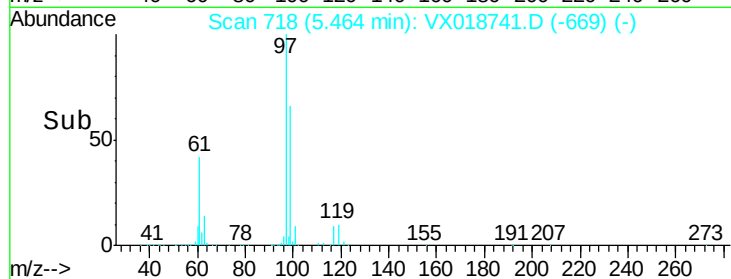
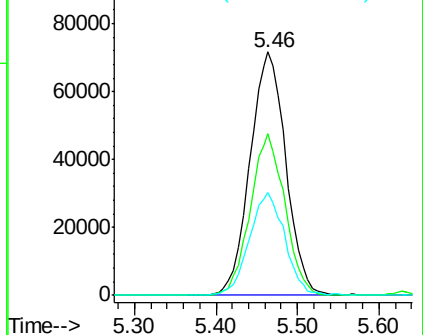
#29
 1,1,1-Trichloroethane
 Concen: 7.746 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01061

Tgt Ion: 97 Resp: 218734
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.3 76.9
 61 41.7 33.3 49.9

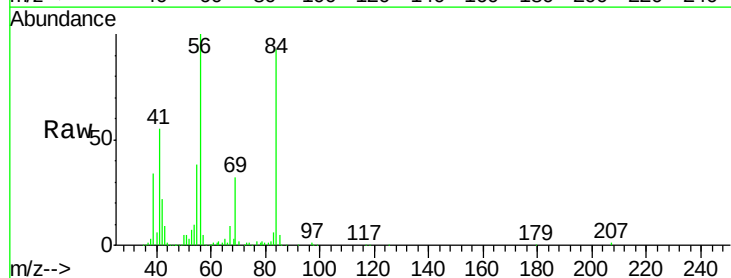


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 61.05 (60.75 to 61.75): VX0

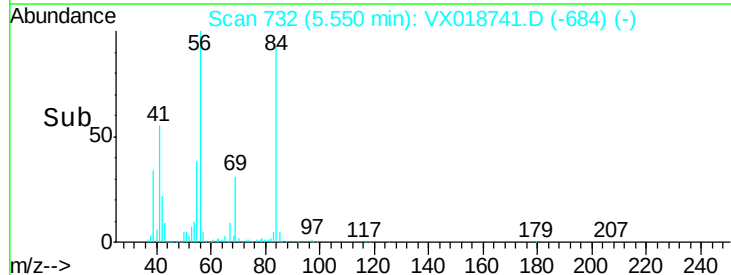
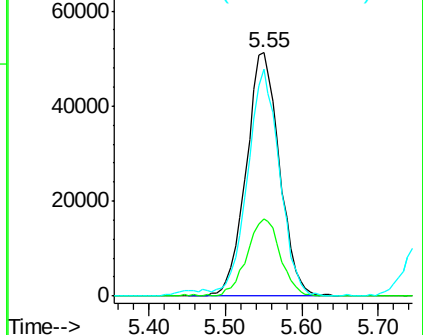


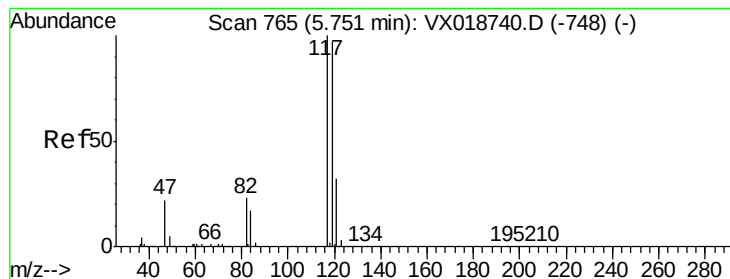
#30
 Cyclohexane
 Concen: 6.598 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

Tgt Ion: 56 Resp: 155329
 Ion Ratio Lower Upper
 56 100
 69 31.8 26.0 39.0
 84 89.1 73.8 110.6



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





#31

Carbon tetrachloride

Concen: 7.966 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

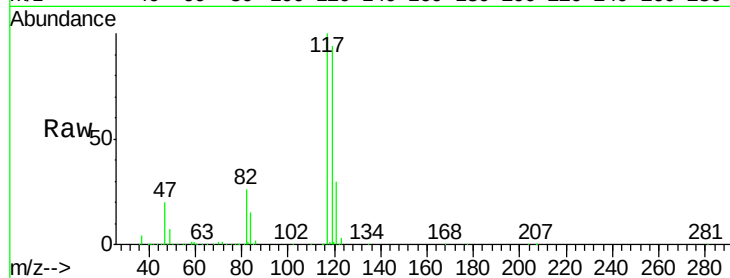
VSTD01061

Tgt Ion:117 Resp: 208080

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

5.76

80000

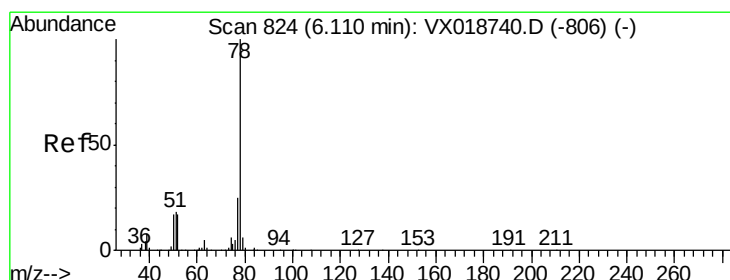
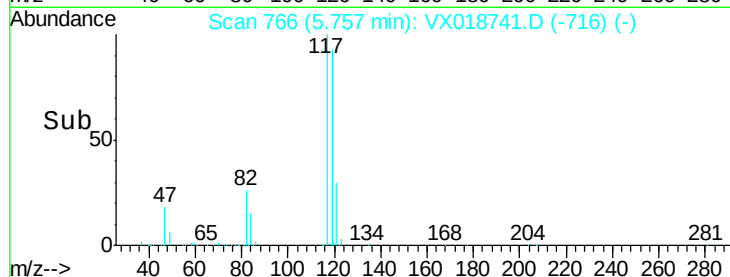
60000

40000

20000

0

Time--> 5.60 5.70 5.80 5.90



#33

Benzene

Concen: 6.832 ug/L

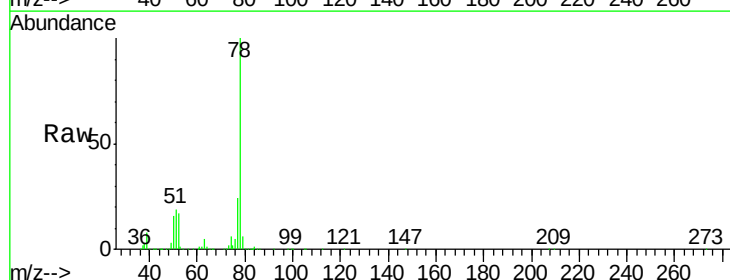
RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Tgt Ion: 78 Resp: 403364



Abundance Ion 78.10 (77.80 to 78.80): VX0

6.12

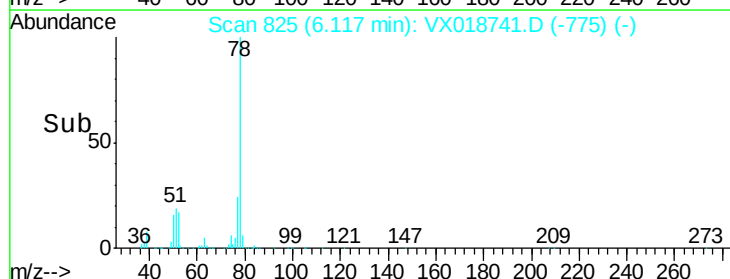
150000

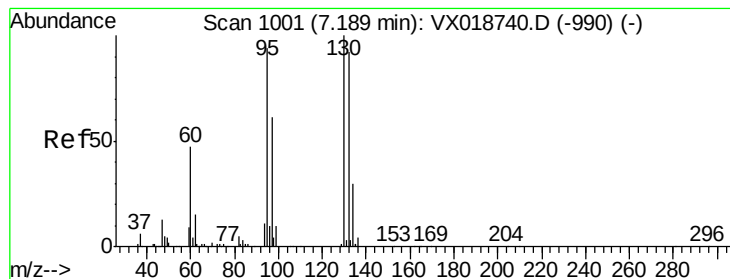
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

Trichloroethene

Concen: 6.688 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTD01061

Tgt Ion: 95 Resp: 116393

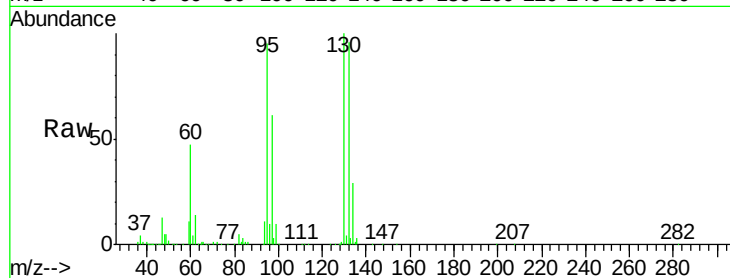
Ion Ratio Lower Upper

95 100

97 64.0 45.3 84.1

132 101.6 68.6 127.4

130 105.4 74.5 138.3

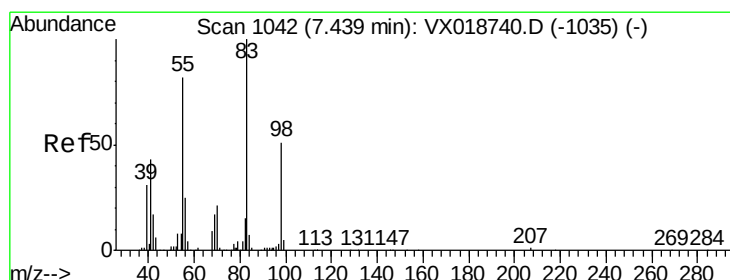
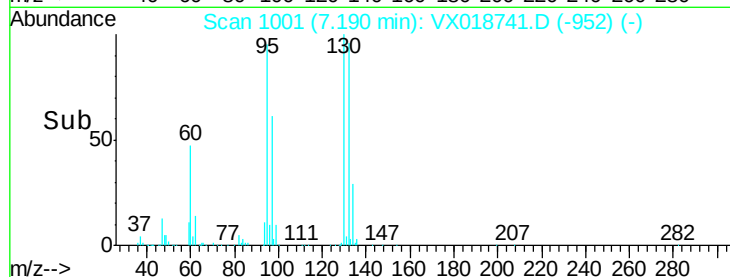
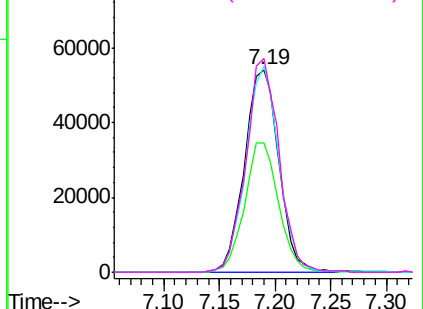


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 7.075 ug/L

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

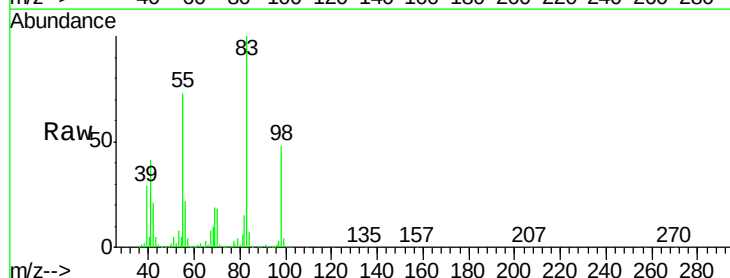
Tgt Ion: 83 Resp: 171916

Ion Ratio Lower Upper

83 100

55 73.4 60.3 90.5

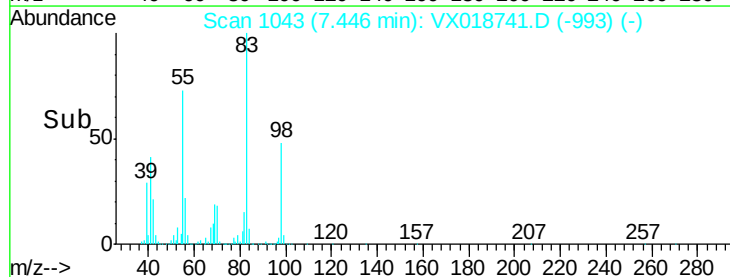
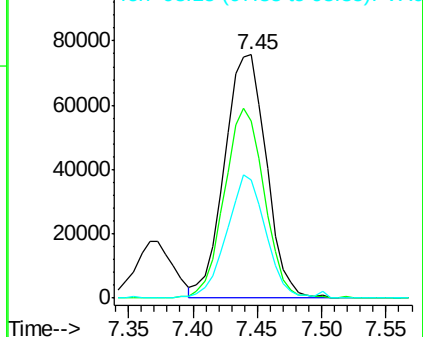
98 46.2 39.4 59.0

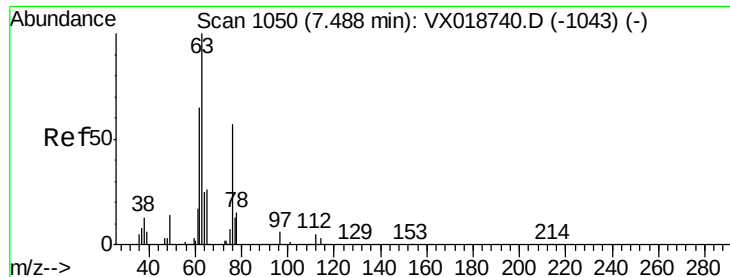


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

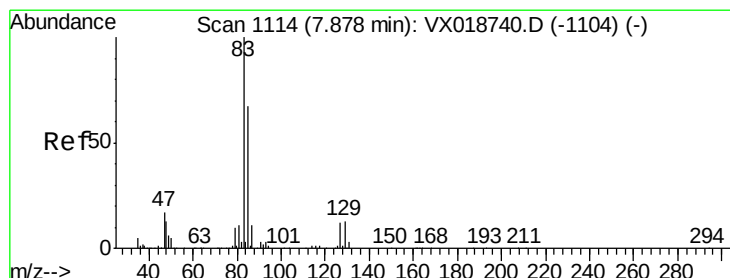
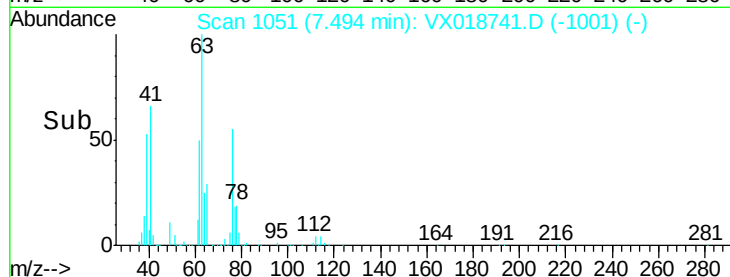
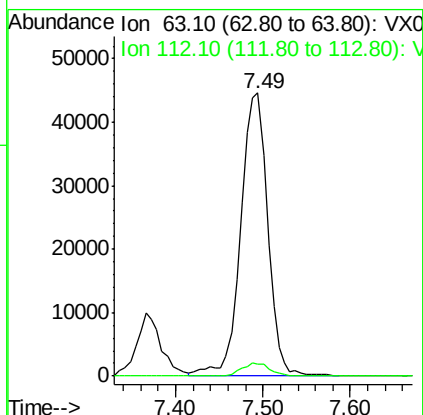
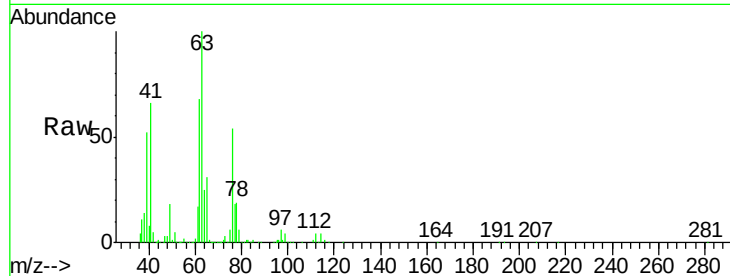




#37
 1,2-Dichloropropane
 Concen: 6.479 ug/L
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

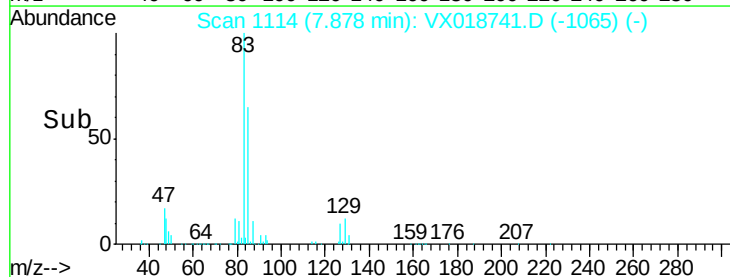
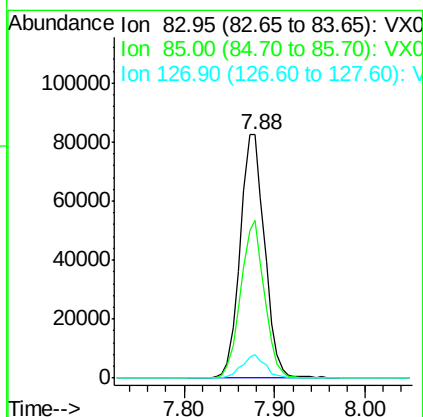
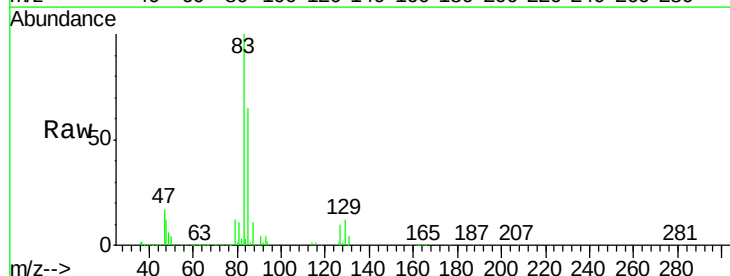
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01061

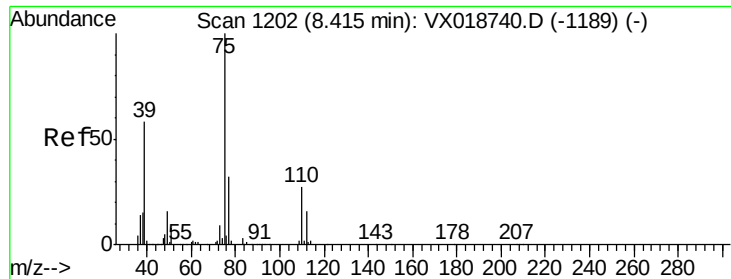
Tgt Ion: 63 Resp: 95722
 Ion Ratio Lower Upper
 63 100
 112 4.9 4.7 7.1



#38
 Bromodichloromethane
 Concen: 7.345 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

Tgt Ion: 83 Resp: 154611
 Ion Ratio Lower Upper
 83 100
 85 65.0 46.6 86.6
 127 9.7 9.9 14.9#

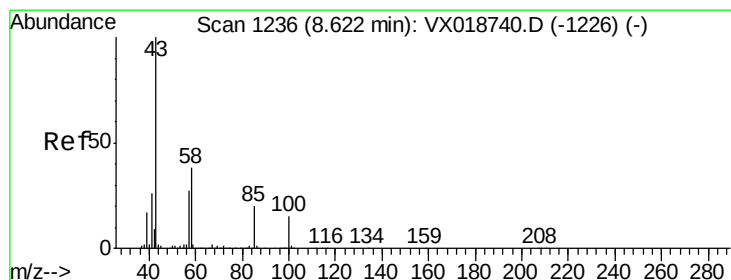
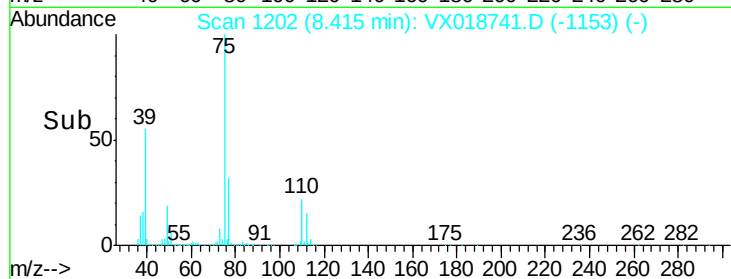
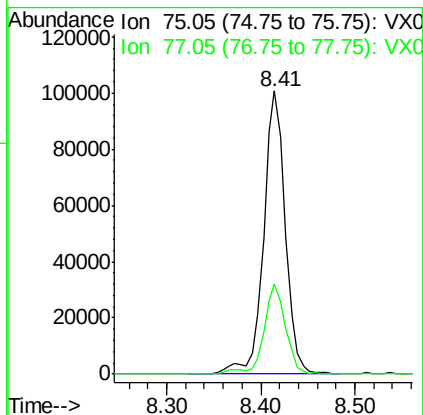
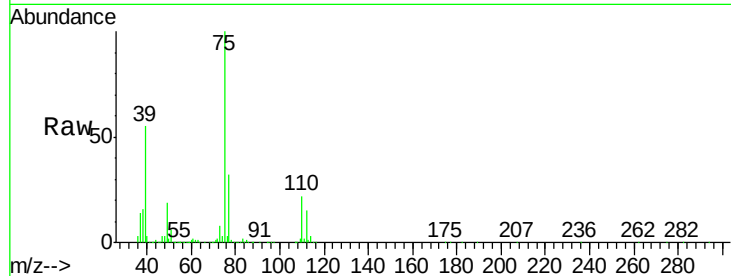




#39
 cis-1,3-Dichloropropene
 Concen: 7.092 ug/L
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

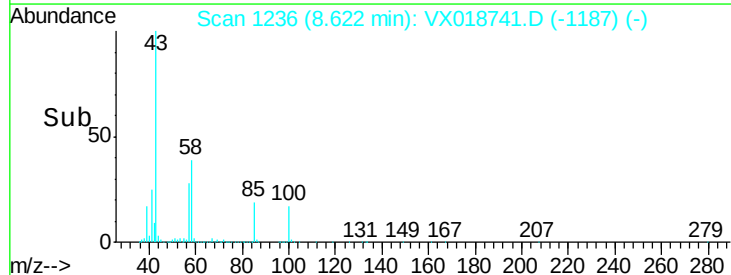
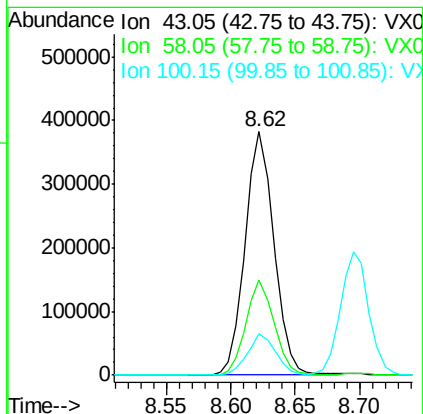
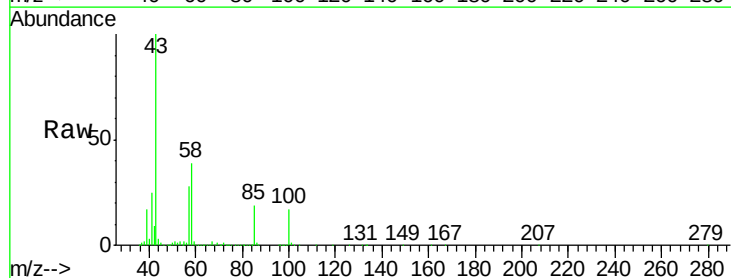
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD01061

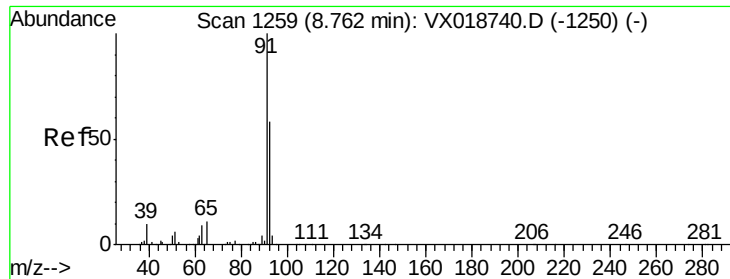
Tgt Ion: 75 Resp: 163410
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 62.415 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

Tgt Ion: 43 Resp: 590968
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.8 46.2
 100 16.5 13.2 19.8





#42

Toluene

Concen: 6.948 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

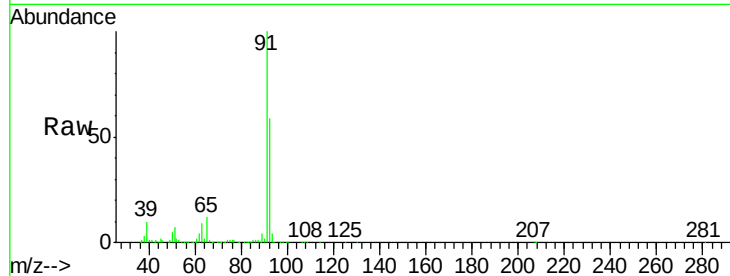
VSTD01061

Tgt Ion: 91 Resp: 445934

Ion Ratio Lower Upper

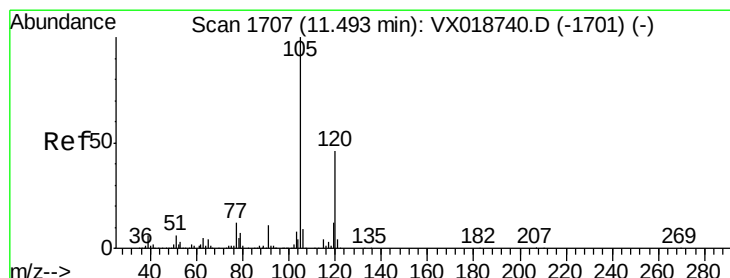
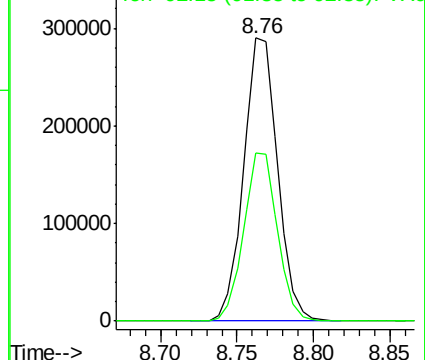
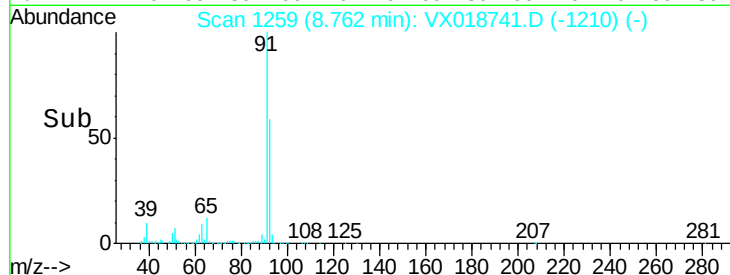
91 100

92 59.2 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX018741.D (-1210) (-)

Ion 92.15 (91.85 to 92.85): VX018741.D (-1210) (-)



#43

1,3,5-Trimethylbenzene

Concen: 7.733 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018741.D

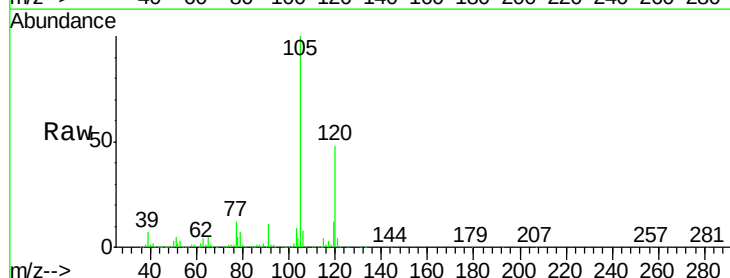
Acq: 02 Oct 2020 11:44

Tgt Ion: 105 Resp: 454859

Ion Ratio Lower Upper

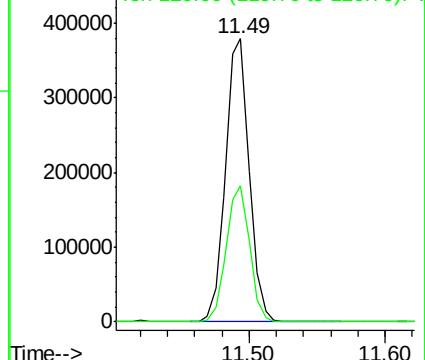
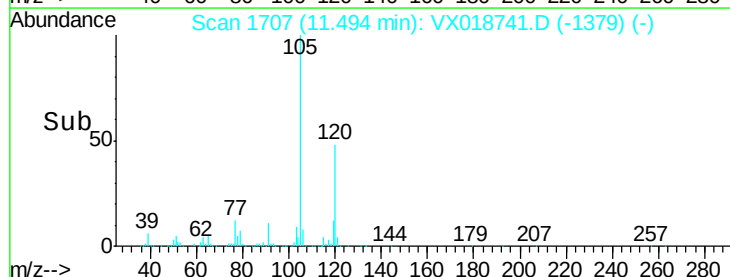
105 100

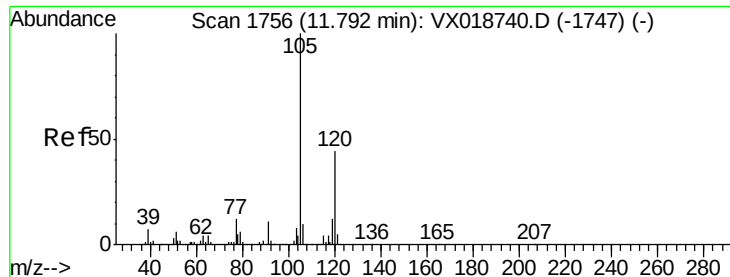
120 47.6 37.7 56.5



Abundance Ion 105.00 (104.70 to 105.70): VX018741.D (-1379) (-)

Ion 120.00 (119.70 to 120.70): VX018741.D (-1379) (-)





#44

1,2,4-Trimethylbenzene

Concen: 7.604 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

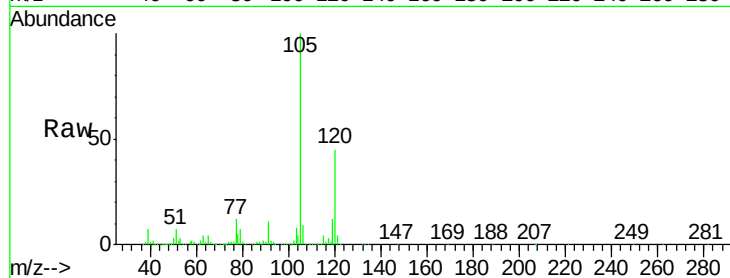
VSTD01061

Tgt Ion:105 Resp: 455890

Ion Ratio Lower Upper

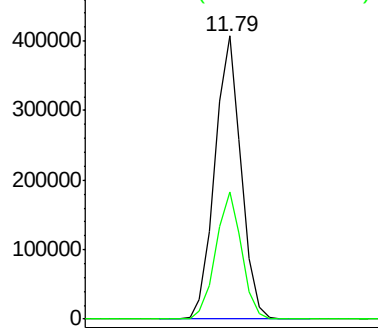
105 100

120 44.5 35.1 52.7

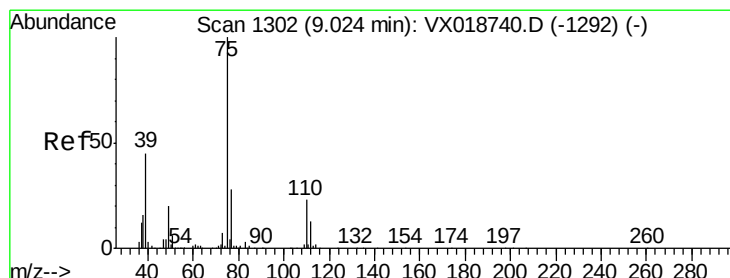
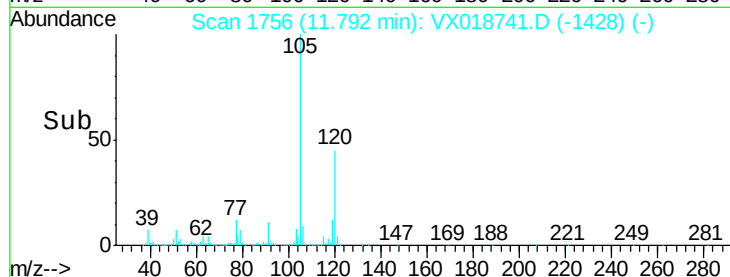


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#46

trans-1,3-Dichloropropene

Concen: 7.306 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018741.D

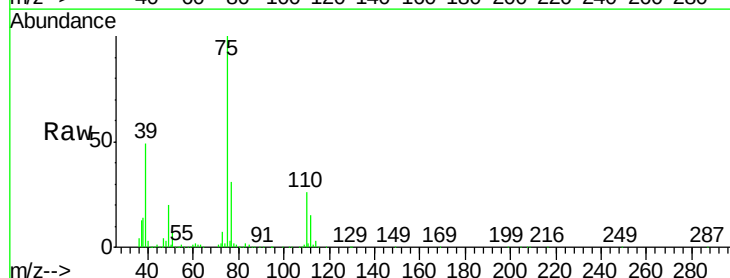
Acq: 02 Oct 2020 11:44

Tgt Ion: 75 Resp: 150230

Ion Ratio Lower Upper

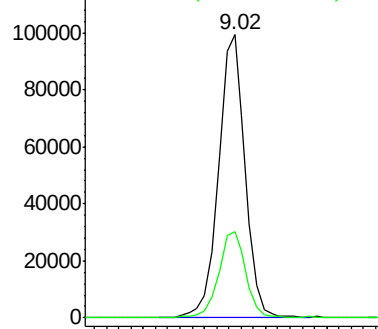
75 100

77 30.6 19.9 37.0

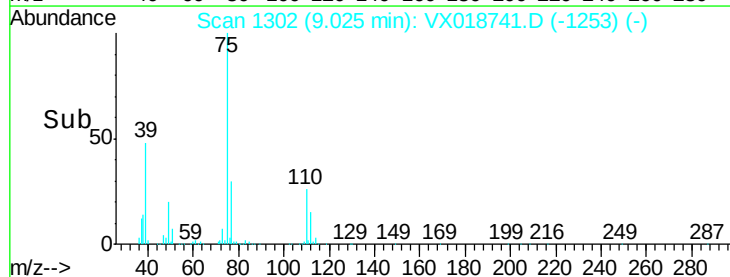


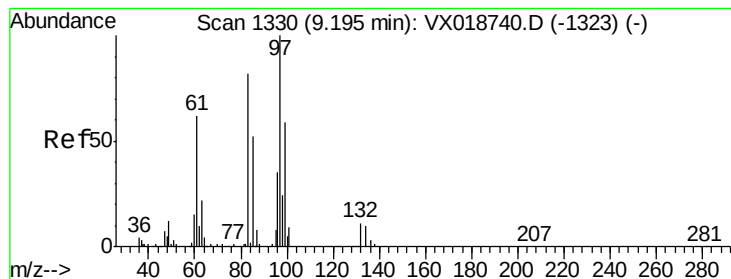
Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



Time-->





#47

1,1,2-Trichloroethane

Concen: 6.646 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTD01061

Tgt Ion: 97 Resp: 74251

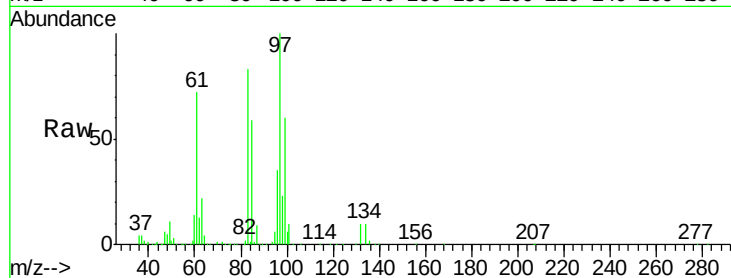
Ion Ratio Lower Upper

97 100

99 59.8 41.1 76.3

83 83.5 57.5 106.7

85 58.6 36.9 68.5

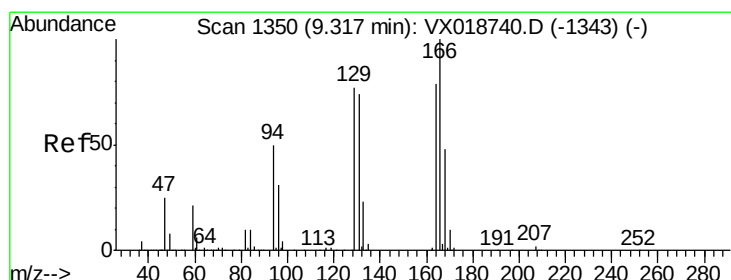
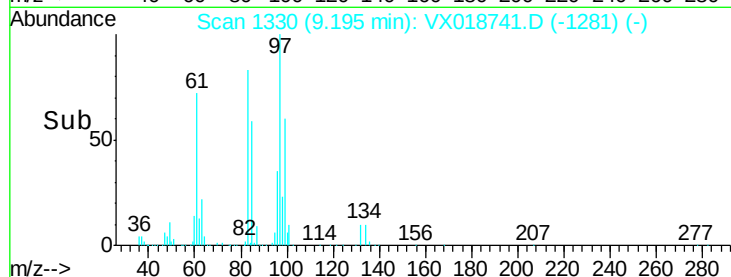
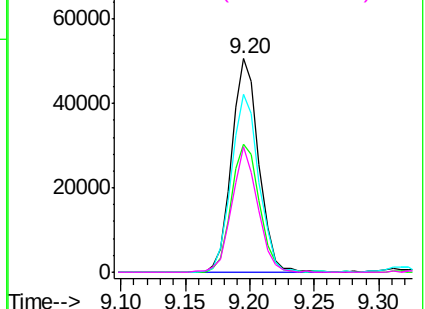


Abundance Ion 96.95 (96.65 to 97.65): VX018741.D (-1323) (-)

Ion 99.05 (98.75 to 99.75): VX018741.D (-1323) (-)

Ion 82.95 (82.65 to 83.65): VX018741.D (-1323) (-)

Ion 85.00 (84.70 to 85.70): VX018741.D (-1323) (-)



#49

Tetrachloroethene

Concen: 7.289 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Tgt Ion: 164 Resp: 102694

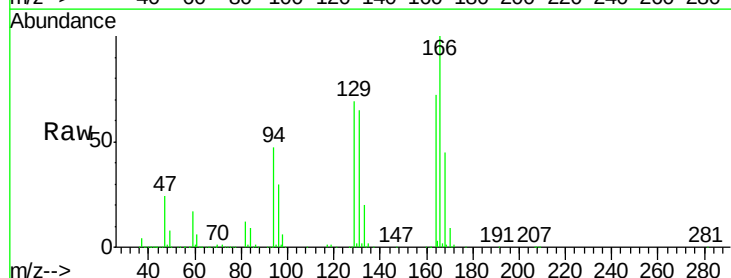
Ion Ratio Lower Upper

164 100

129 95.7 68.7 127.5

131 90.1 65.3 121.3

166 138.6 88.5 164.4

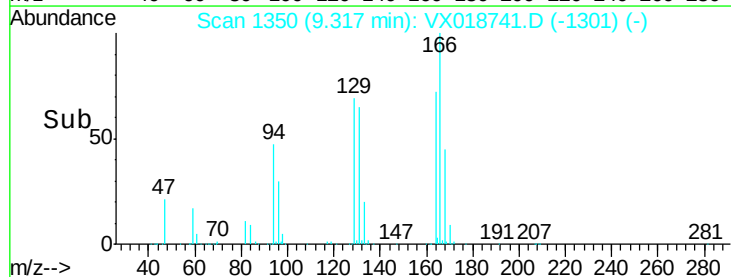
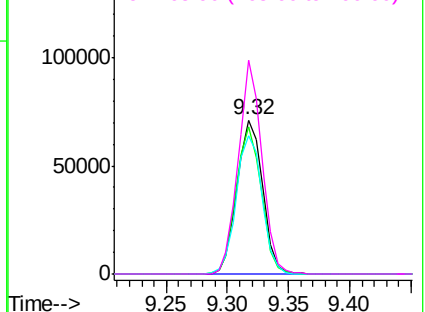


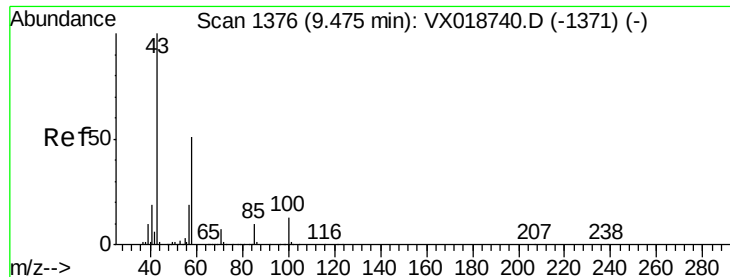
Abundance Ion 163.90 (163.60 to 164.60): VX018741.D (-1301) (-)

Ion 128.95 (128.65 to 129.65): VX018741.D (-1301) (-)

Ion 130.95 (130.65 to 131.65): VX018741.D (-1301) (-)

Ion 165.90 (165.60 to 166.60): VX018741.D (-1301) (-)

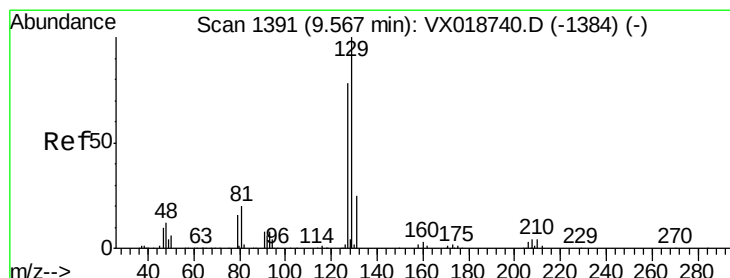
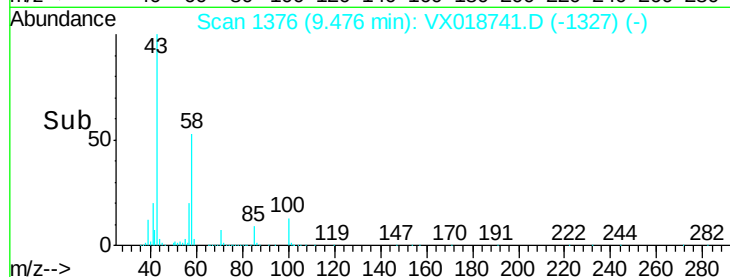
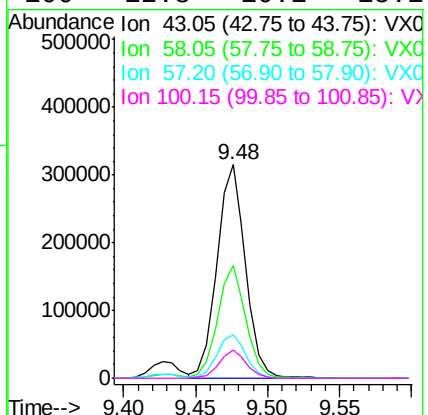
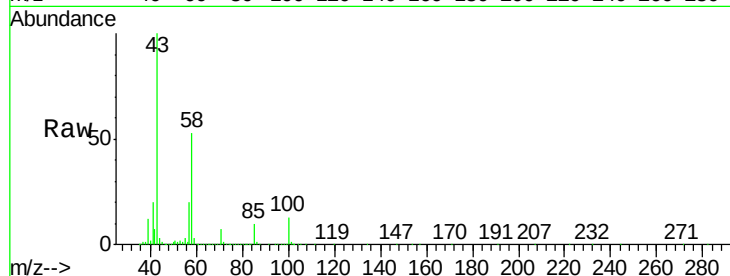




#50
2-Hexanone
Concen: 63.983 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

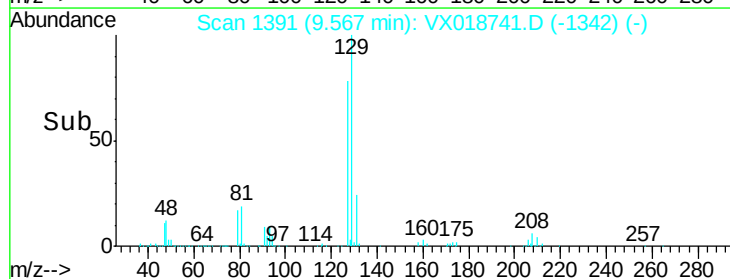
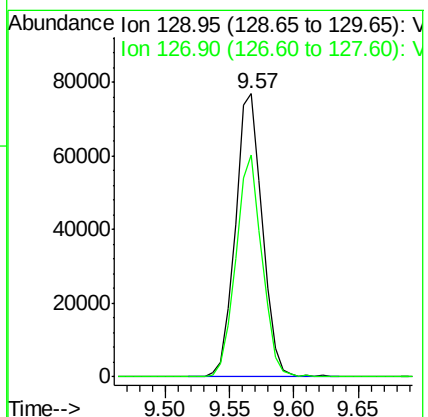
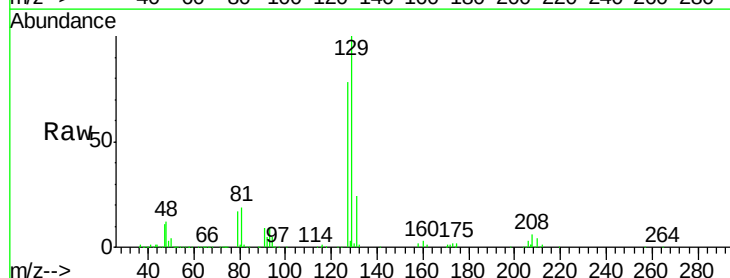
Instrument :
MSVOA_X
ClientSampleId :
VSTD01061

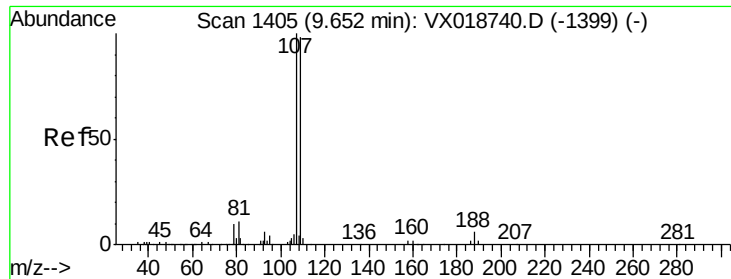
Tgt Ion:	43	Resp:	433895
Ion	Ratio	Lower	Upper
43	100		
58	52.4	41.0	61.4
57	20.6	15.9	23.9
100	12.8	10.1	15.1



#51
Dibromochloromethane
Concen: 7.242 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

Tgt Ion:	129	Resp:	111756
Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.5	101.1





#52

1,2-Dibromoethane

Concen: 6.822 ug/L

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTD01061

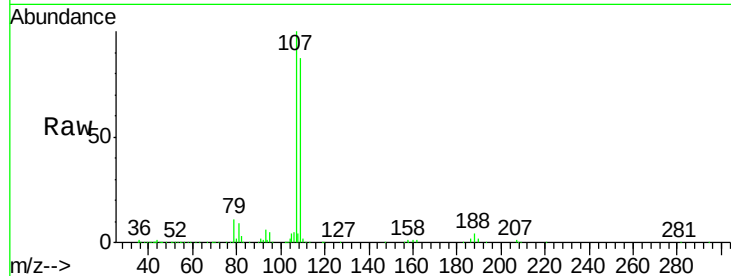
Tgt Ion:107 Resp: 74003

Ion Ratio Lower Upper

107 100

109 86.8 68.7 127.5

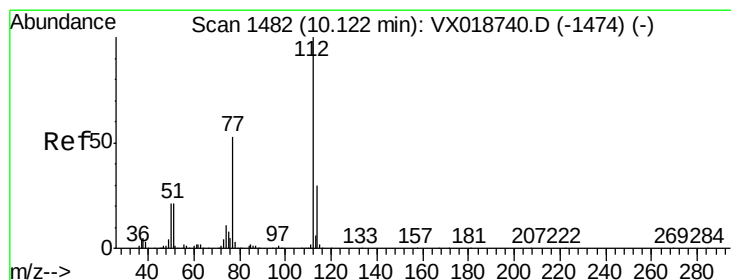
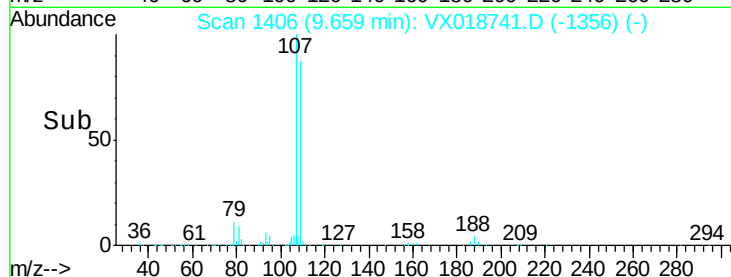
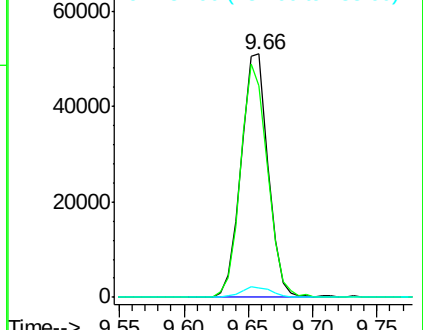
188 4.1 4.5 6.7#



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: 7.050 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

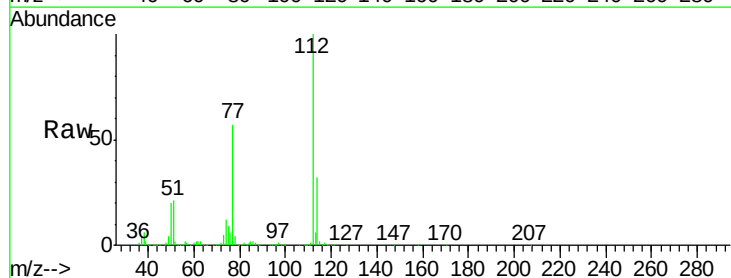
Tgt Ion:112 Resp: 298201

Ion Ratio Lower Upper

112 100

114 31.8 21.3 39.5

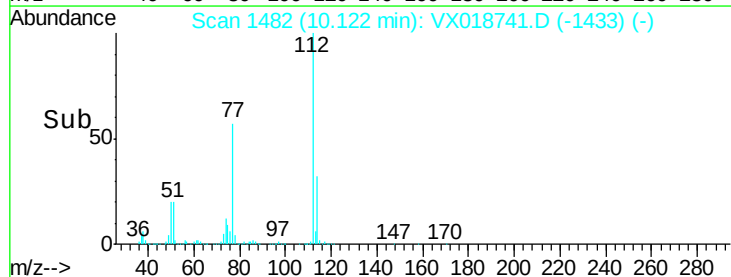
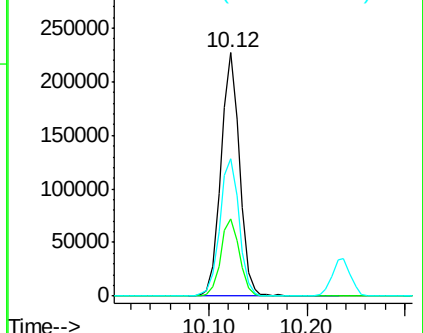
77 56.6 42.4 63.6

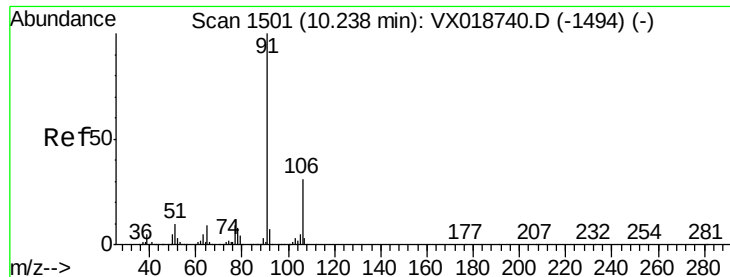


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 7.272 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

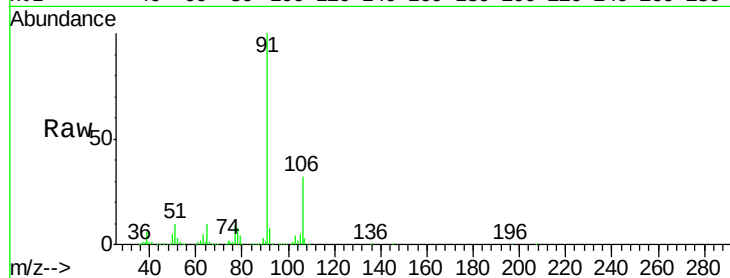
VSTD01061

Tgt Ion: 91 Resp: 512796

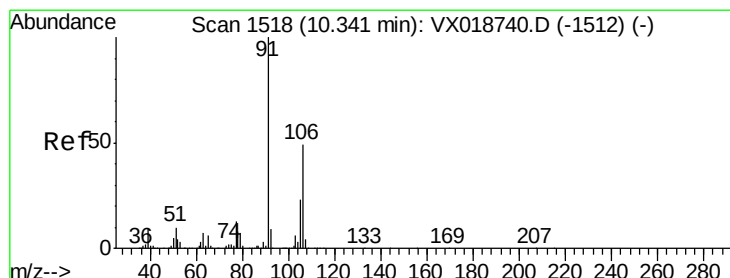
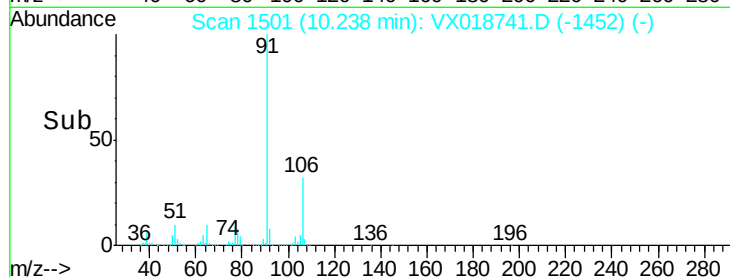
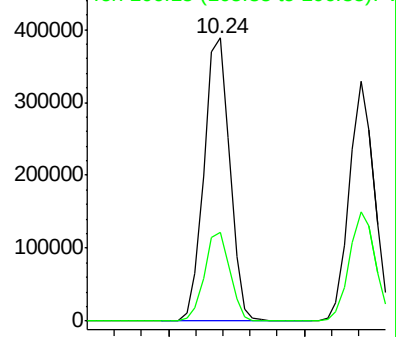
Ion Ratio Lower Upper

91 100

106 31.6 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX018741.D (-1494) (-)



#55

m,p-xylene

Concen: 7.441 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018741.D

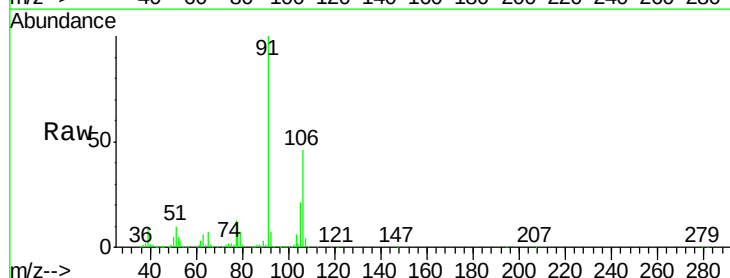
Acq: 02 Oct 2020 11:44

Tgt Ion: 106 Resp: 199562

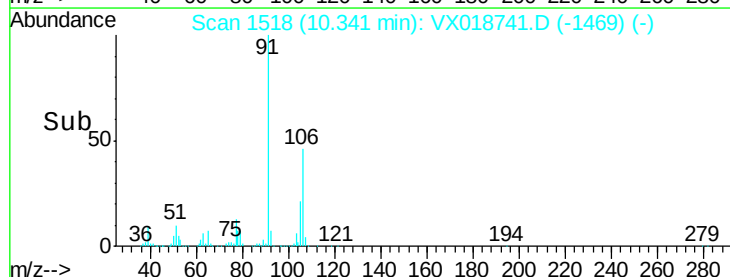
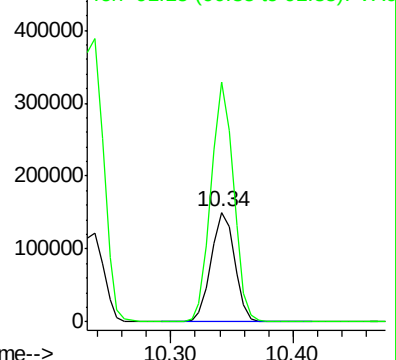
Ion Ratio Lower Upper

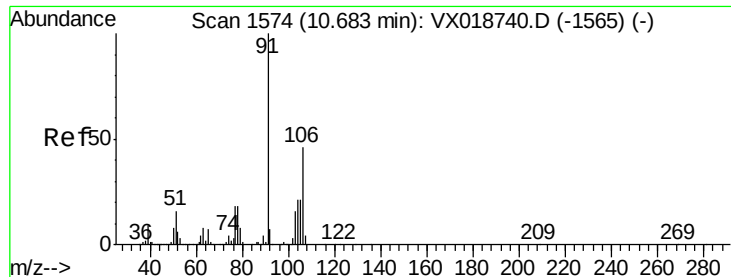
106 100

91 219.7 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): VX018741.D (-1512) (-)

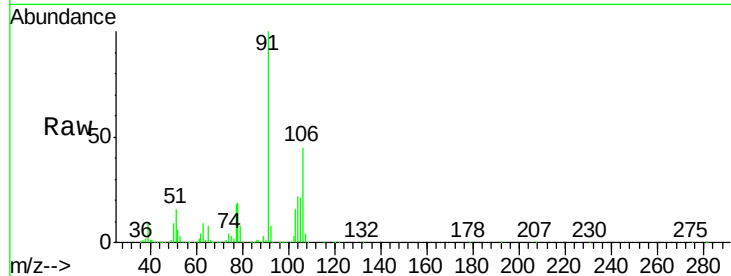




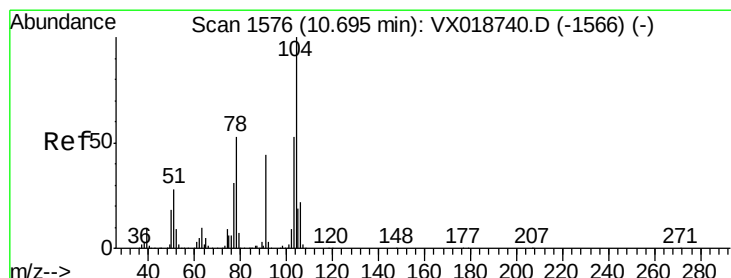
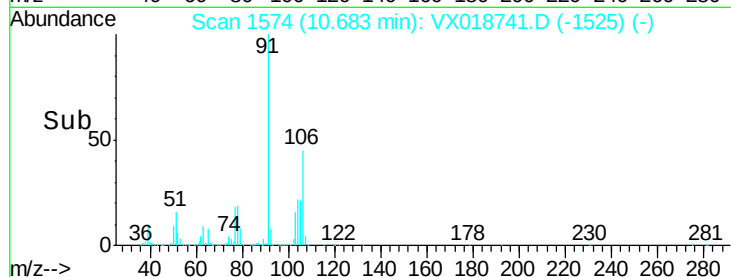
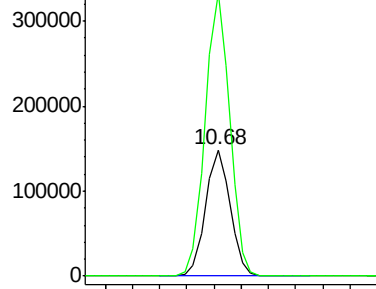
#56
o-xylene
Concen: 7.198 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTD01061

Tgt Ion:106 Resp: 186812
Ion Ratio Lower Upper
106 100
91 224.3 153.4 284.8

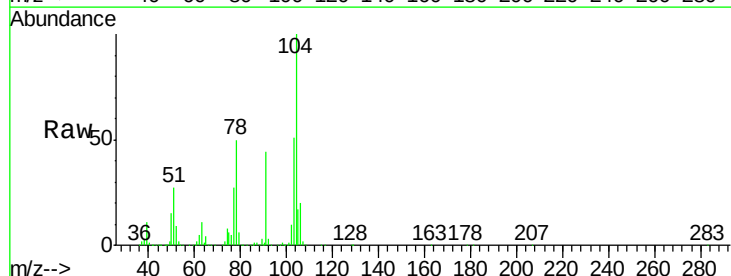


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VX0

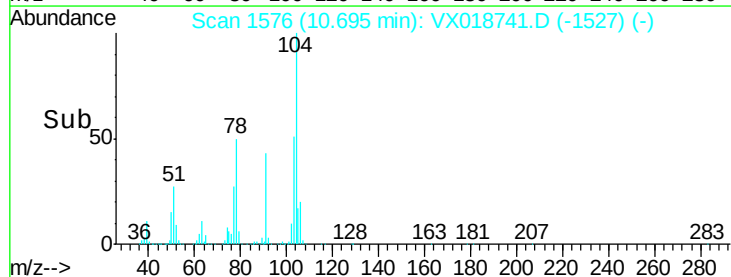
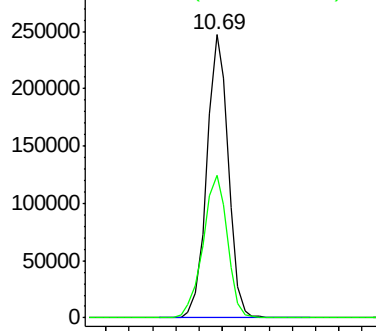


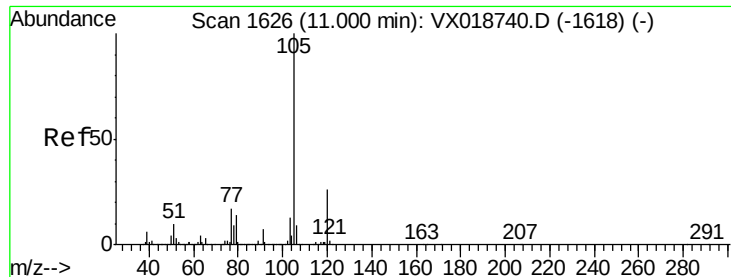
#57
Styrene
Concen: 7.311 ug/L
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018741.D
Acq: 02 Oct 2020 11:44

Tgt Ion:104 Resp: 319054
Ion Ratio Lower Upper
104 100
78 50.2 37.1 68.9



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 7.479 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampled :

VSTD01061

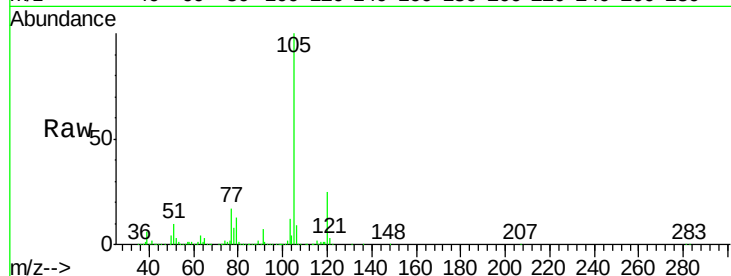
Tgt Ion: 105 Resp: 523320

Ion Ratio Lower Upper

105 100

120 26.1 20.2 30.2

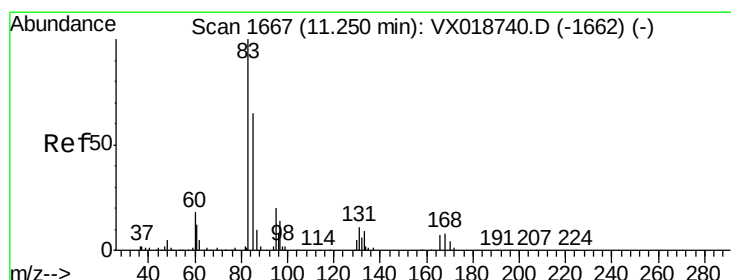
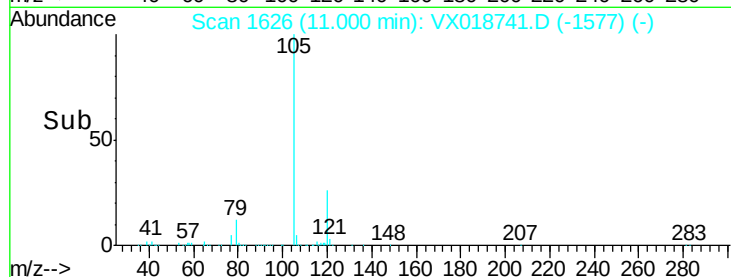
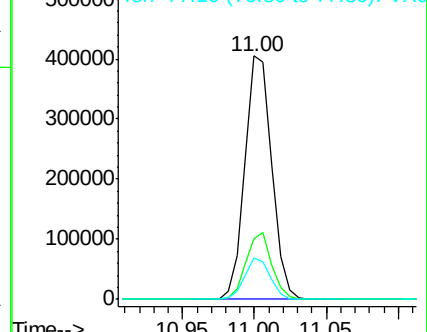
77 16.2 13.3 19.9



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: 6.814 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

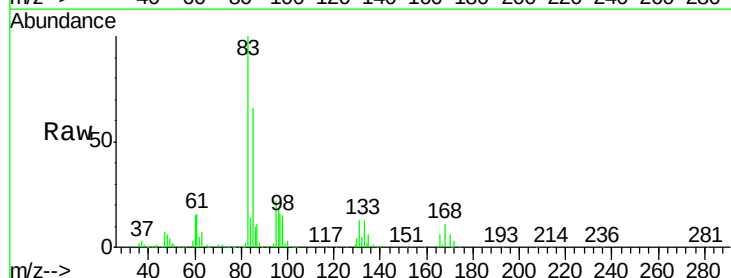
Tgt Ion: 83 Resp: 83547

Ion Ratio Lower Upper

83 100

85 65.7 46.5 86.5

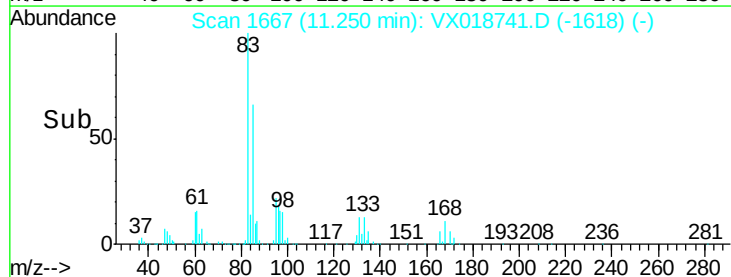
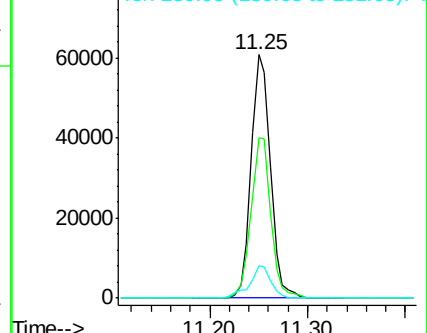
131 13.2 9.6 14.4

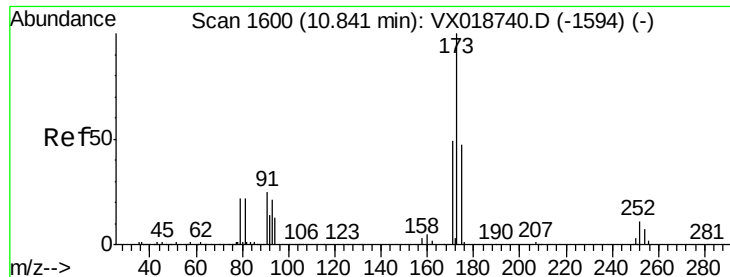


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 7.246 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTD01061

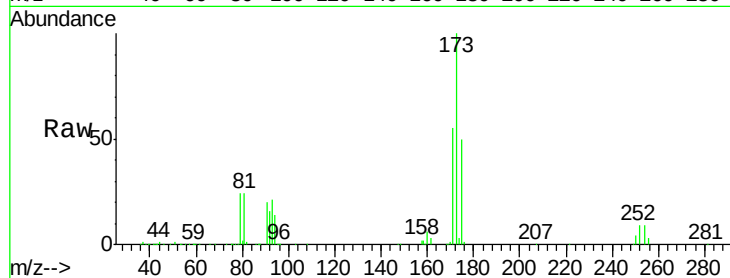
Tgt Ion:173 Resp: 65870

Ion Ratio Lower Upper

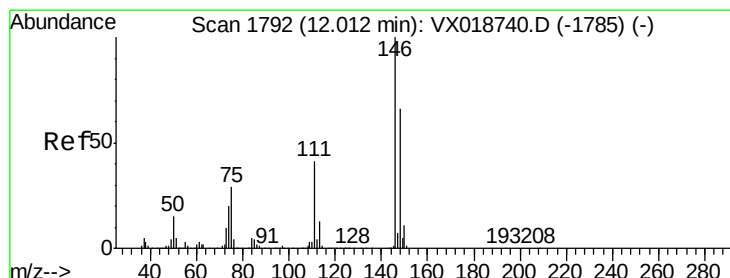
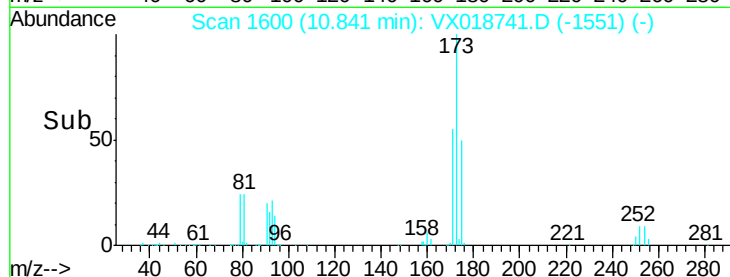
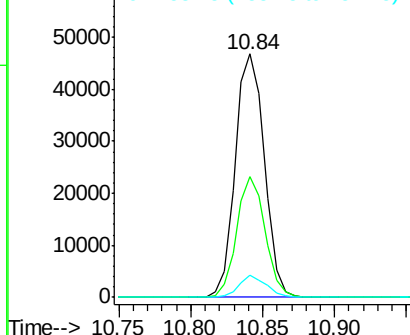
173 100

175 48.4 37.8 56.8

254 8.6 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: 7.380 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018741.D

Acq: 02 Oct 2020 11:44

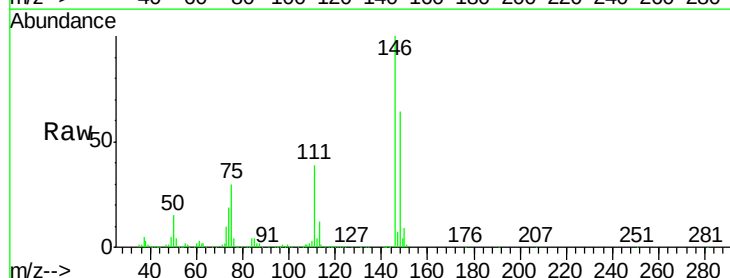
Tgt Ion:146 Resp: 257307

Ion Ratio Lower Upper

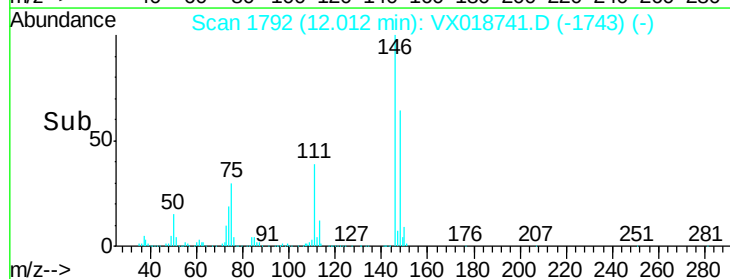
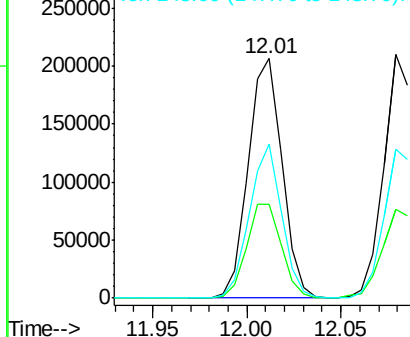
146 100

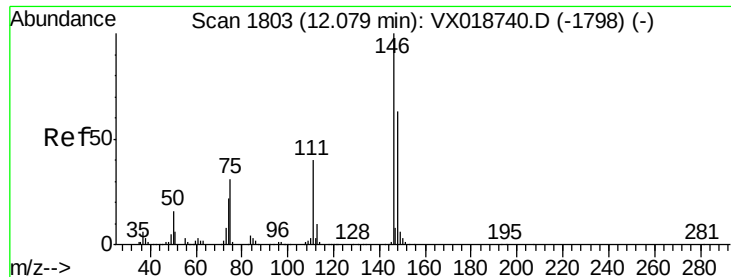
111 39.3 28.4 52.8

148 64.4 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

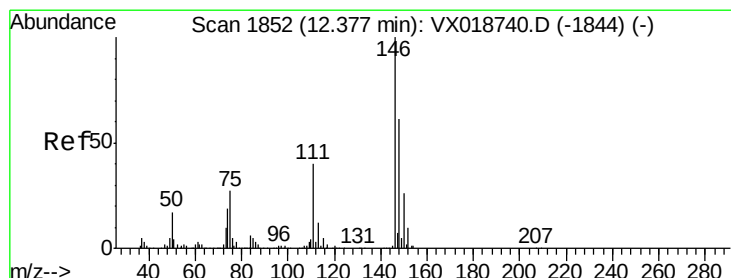
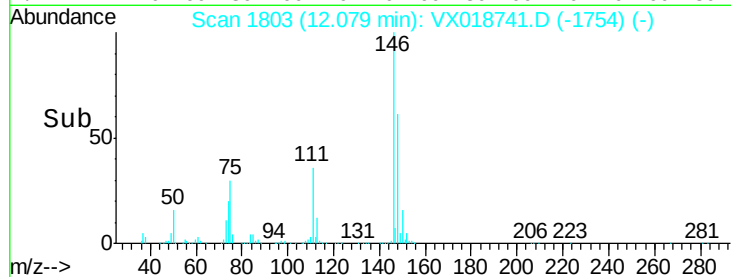
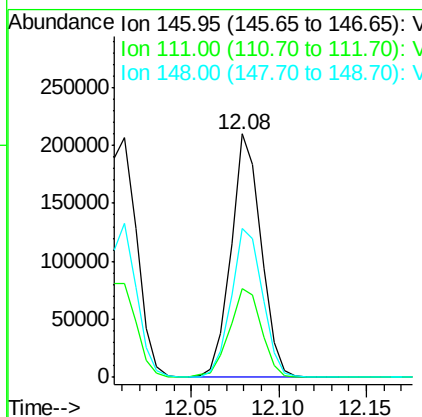
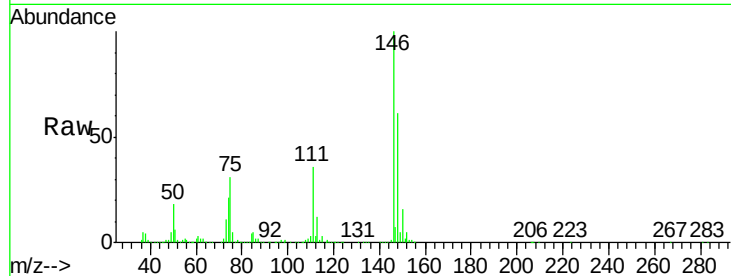




#64
 1,4-Dichlorobenzene
 Concen: 7.189 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

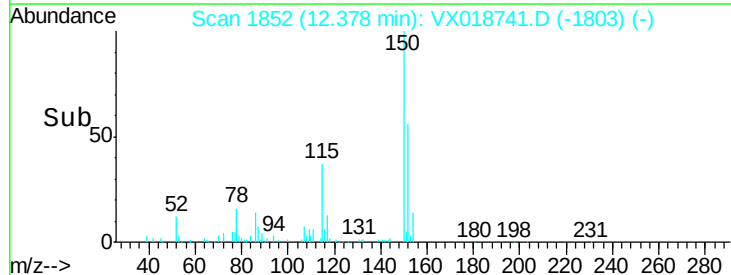
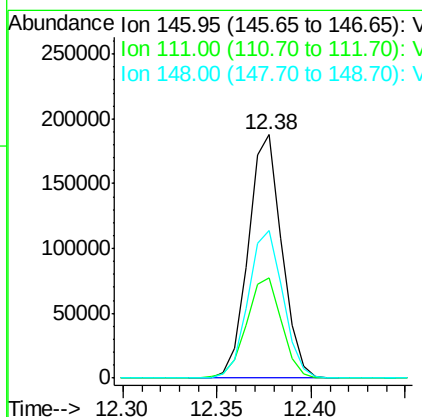
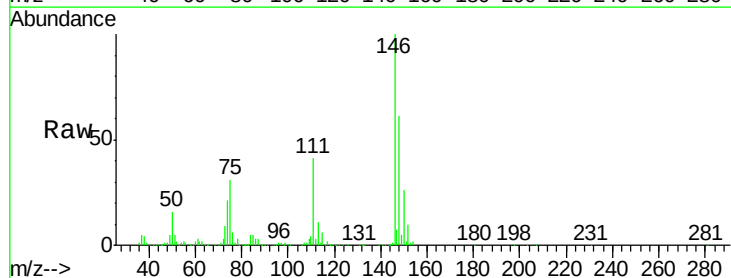
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD01061

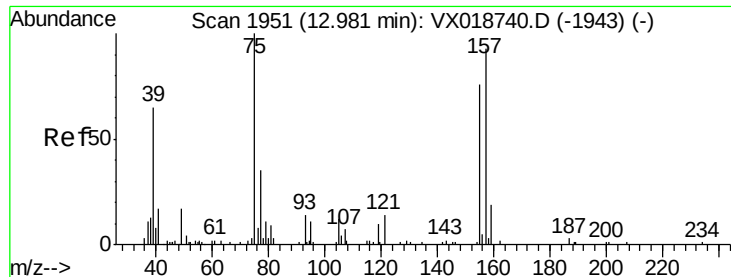
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	28.6	53.2
148	60.9	44.2	82.0



#66
 1,2-Dichlorobenzene
 Concen: 7.067 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	31.7	47.5
148	60.6	49.0	73.6

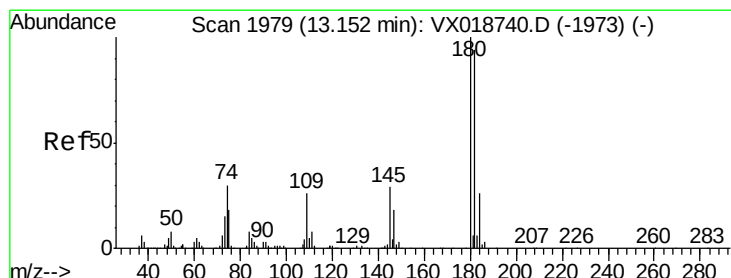
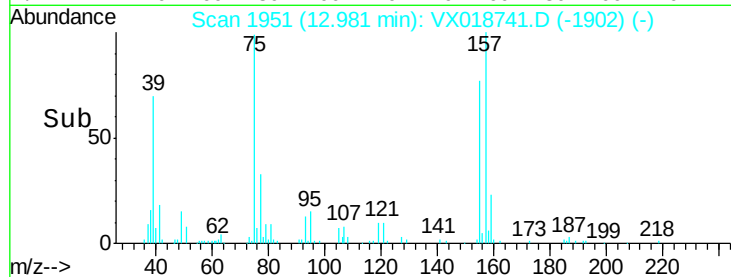
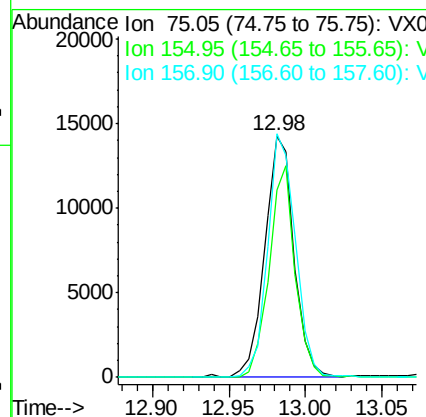
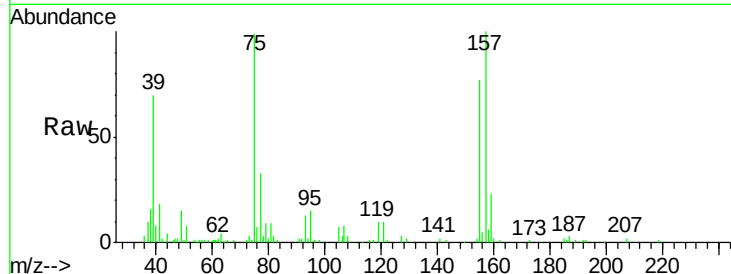




#67
 1,2-Dibromo-3-chloropropane
 Concen: 6.645 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

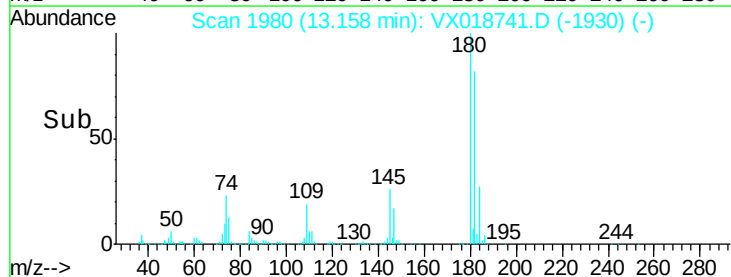
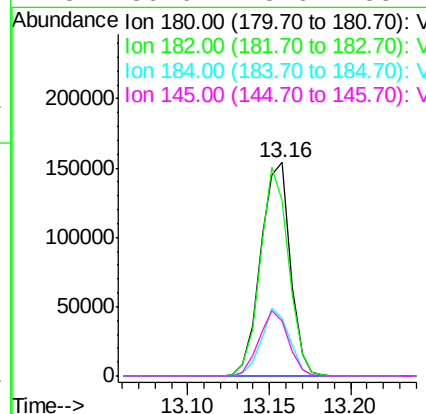
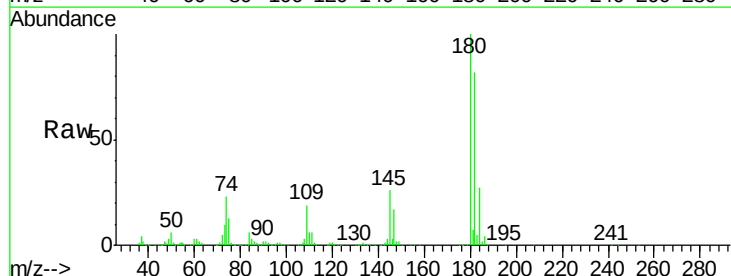
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01061

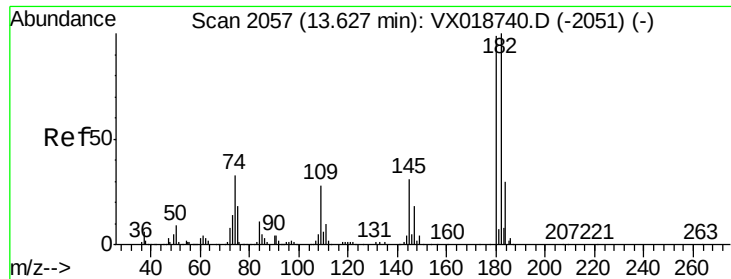
Tgt Ion: 75 Resp: 18997
 Ion Ratio Lower Upper
 75 100
 155 77.6 61.1 91.7
 157 100.8 74.2 111.2



#68
 1,3,5-Trichlorobenzene
 Concen: 7.446 ug/L
 RT: 13.16 min Scan# 1980
 Delta R.T. 0.01 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

Tgt Ion: 180 Resp: 194010
 Ion Ratio Lower Upper
 180 100
 182 94.2 74.1 111.1
 184 30.4 23.4 35.2
 145 30.6 23.6 35.4

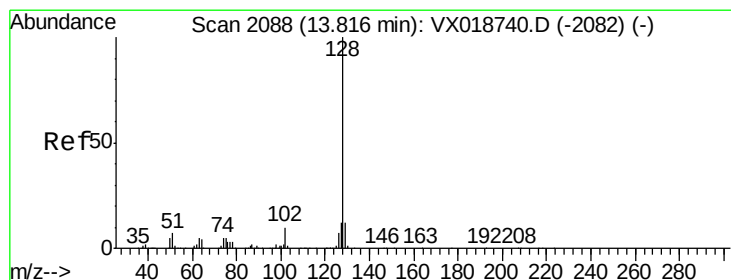
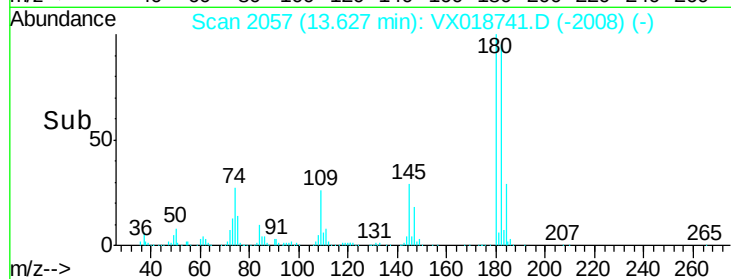
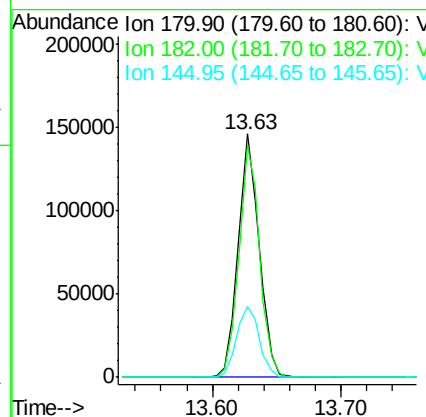
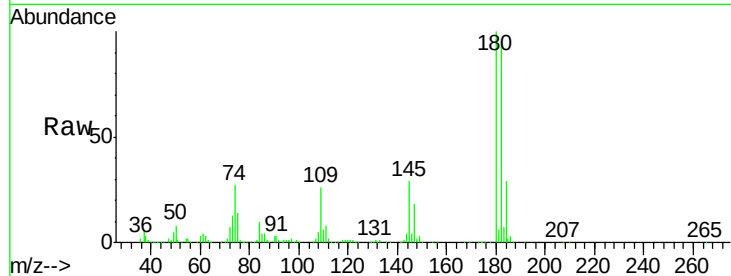




#69
 1,2,4-trichlorobenzene
 Concen: 7.324 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

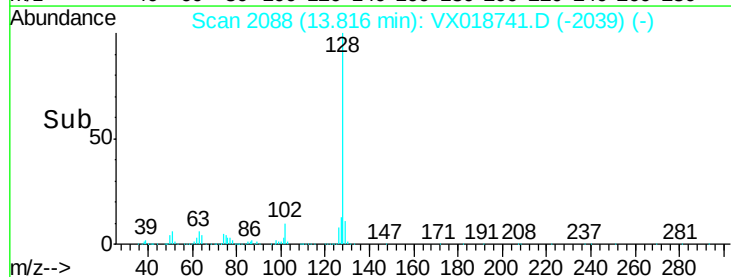
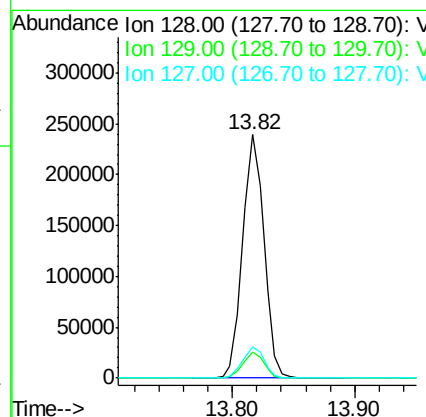
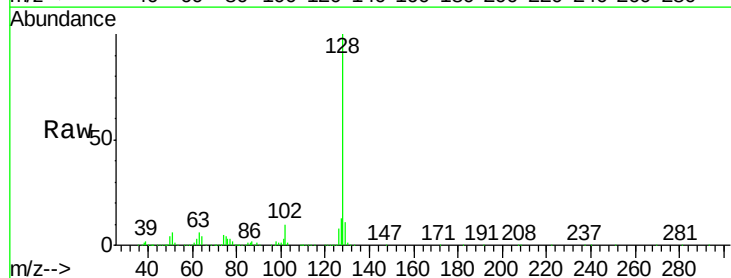
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01061

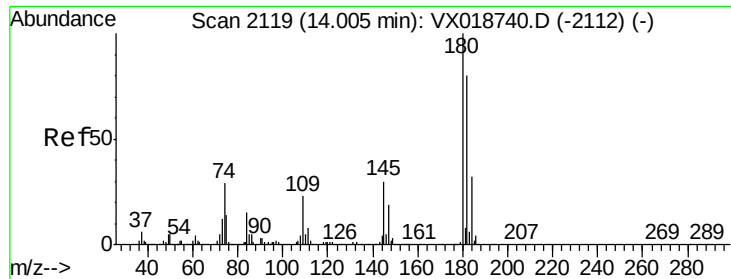
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	80.2	120.4
145	31.6	25.2	37.8



#70
 Naphthalene
 Concen: 6.967 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	12.8	10.5	15.7





#71
 1,2,3-Trichlorobenzene
 Concen: 7.017 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX018741.D
 Acq: 02 Oct 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01061

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	73.6	110.4
145	33.6	26.6	40.0

