

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090420\
 Data File : VX018250.D
 Acq On : 04 Sep 2020 10:40
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Sep 04 11:57:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 11:54:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	84178	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	433122	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	411406	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	202915	30.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.50%
60) 4-Bromofluorobenzene	11.12	95	213778	30.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.73%
63) Toluene-d8	8.70	98	554413	31.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.37%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	82909	17.247	ug/l 100
3) Chloromethane	1.31	50	87896	18.032	ug/l 100
4) Vinyl Chloride	1.39	62	92354	18.833	ug/l 100
5) Bromomethane	1.64	94	69203	21.954	ug/l 100
6) Chloroethane	1.71	64	57274	20.084	ug/l 100
7) Trichlorofluoromethane	1.92	101	155453	19.819	ug/l 100
8) Diethyl Ether	2.17	74	49588	20.810	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80941	21.481	ug/l 100
10) 1,1-Dichloroethene	2.36	96	78690	21.963	ug/l 100
11) Methyl Iodide	2.50	142	68587	17.062	ug/l 100
12) Methyl Acetate	2.75	43	106132	20.504	ug/l 100
13) Acrolein	2.28	56	37186	55.398	ug/l 100
14) Acrylonitrile	3.12	53	233149	106.715	ug/l 100
15) Acetone	2.42	58	64886	107.749	ug/l 100
16) Carbon Disulfide	2.56	76	232288	24.184	ug/l 100
17) Allyl chloride	2.71	41	138729	20.994	ug/l 100
18) Methylene Chloride	2.84	84	94479	22.637	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	86165	22.722	ug/l 100
20) Diisopropyl ether	3.83	45	283471	21.439	ug/l 100
21) 1,1-Dichloroethane	3.67	63	162336	22.461	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	97978	21.826	ug/l 100
23) tert-Butyl Alcohol	3.01	59	97625	98.222	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	277142	20.564	ug/l 100
25) Chloroform	5.18	83	172886	21.807	ug/l 100
26) Cyclohexane	5.56	56	125785	20.442	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	120068	22.272	ug/l 100
30) 2-Butanone	4.64	43	335189	111.540	ug/l 100
31) 2,2-Dichloropropane	4.56	77	146229	21.712	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	160685	22.240	ug/l 100
33) Carbon Tetrachloride	5.76	117	150455	22.504	ug/l 100
34) Benzene	6.11	78	351378	22.834	ug/l 100
35) Methacrylonitrile	5.01	41	69184	21.292	ug/l 100
36) 1,2-Dichloroethane	6.17	62	143683	22.275	ug/l # 100
37) Trichloroethene	7.19	130	98405	21.917	ug/l 100
38) Methylcyclohexane	7.45	83	120956	19.310	ug/l 100
39) 1,2-Dichloropropane	7.49	63	94315	22.658	ug/l 100
40) Dibromomethane	7.64	93	67936	22.857	ug/l 100

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41) Bromodichloromethane	7.88	83	138636	21.555	ug/l	100
42) Vinyl Acetate	3.79	43	1247434	120.062	ug/l	100
43) Ethyl Acetate	4.79	43	133055	23.120	ug/l	100
44) Isopropyl Acetate	6.42	43	211022	21.523	ug/l	100
45) 1,4-Dioxane	7.71	88	34270	376.086	ug/l	100
46) Methyl methacrylate	7.75	41	98820	20.661	ug/l	100
47) n-amyl Acetate	10.88	43	176559	21.710	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	146359	21.230	ug/l	100
49) cis-1,3-Dichloropropene	8.41	75	157383	21.166	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	94510	22.687	ug/l	100
51) Ethyl methacrylate	9.16	69	129263	21.146	ug/l	100
52) 1,3-Dichloropropane	9.35	76	155302	22.557	ug/l	100
53) Dibromochloromethane	9.57	129	112736	21.173	ug/l	100
54) 1,2-Dibromoethane	9.65	107	100959	21.969	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	349378	105.601	ug/l	100
56) Bromoform	10.84	173	82743	20.950	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	662526	109.814	ug/l	100
59) 2-Hexanone	9.47	43	495861	113.461	ug/l	100
61) Tetrachloroethene	9.32	164	96394	20.943	ug/l	100
62) Toluene	8.77	91	383873	22.508	ug/l	100
64) Chlorobenzene	10.12	112	248569	21.823	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	98618	21.179	ug/l	100
66) Ethyl Benzene	10.24	91	417597	22.019	ug/l	100
67) m/p-Xylenes	10.34	106	322256	45.151	ug/l	100
68) o-Xylene	10.68	106	147436	21.188	ug/l	100
69) Styrene	10.69	104	262066	21.492	ug/l	100
70) Isopropylbenzene	11.00	105	420083	20.893	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	139130	23.646	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	174536	30.023	ug/l	86
73) Bromobenzene	11.24	156	115885	21.657	ug/l	100
74) n-propylbenzene	11.34	91	493887	21.351	ug/l	100
75) 2-Chlorotoluene	11.40	91	301651	21.517	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	363366	21.391	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	49366	21.689	ug/l	100
78) 4-Chlorotoluene	11.49	91	357597	21.877	ug/l	100
79) tert-butylbenzene	11.76	119	350144	21.022	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	363223	20.586	ug/l	100
81) sec-Butylbenzene	11.93	105	403260	20.396	ug/l	100
82) p-Isopropyltoluene	12.05	119	375942	20.827	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	208450	21.255	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	209582	21.530	ug/l	100
85) n-Butylbenzene	12.37	91	324451	18.987	ug/l	100
86) Hexachloroethane	12.58	117	73481	19.254	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	193519	20.032	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	33273	20.538	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	125284	18.765	ug/l	100
90) Hexachlorobutadiene	13.76	225	56642	18.530	ug/l	100
91) Naphthalene	13.82	128	391182	19.686	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	124619	19.340	ug/l	100

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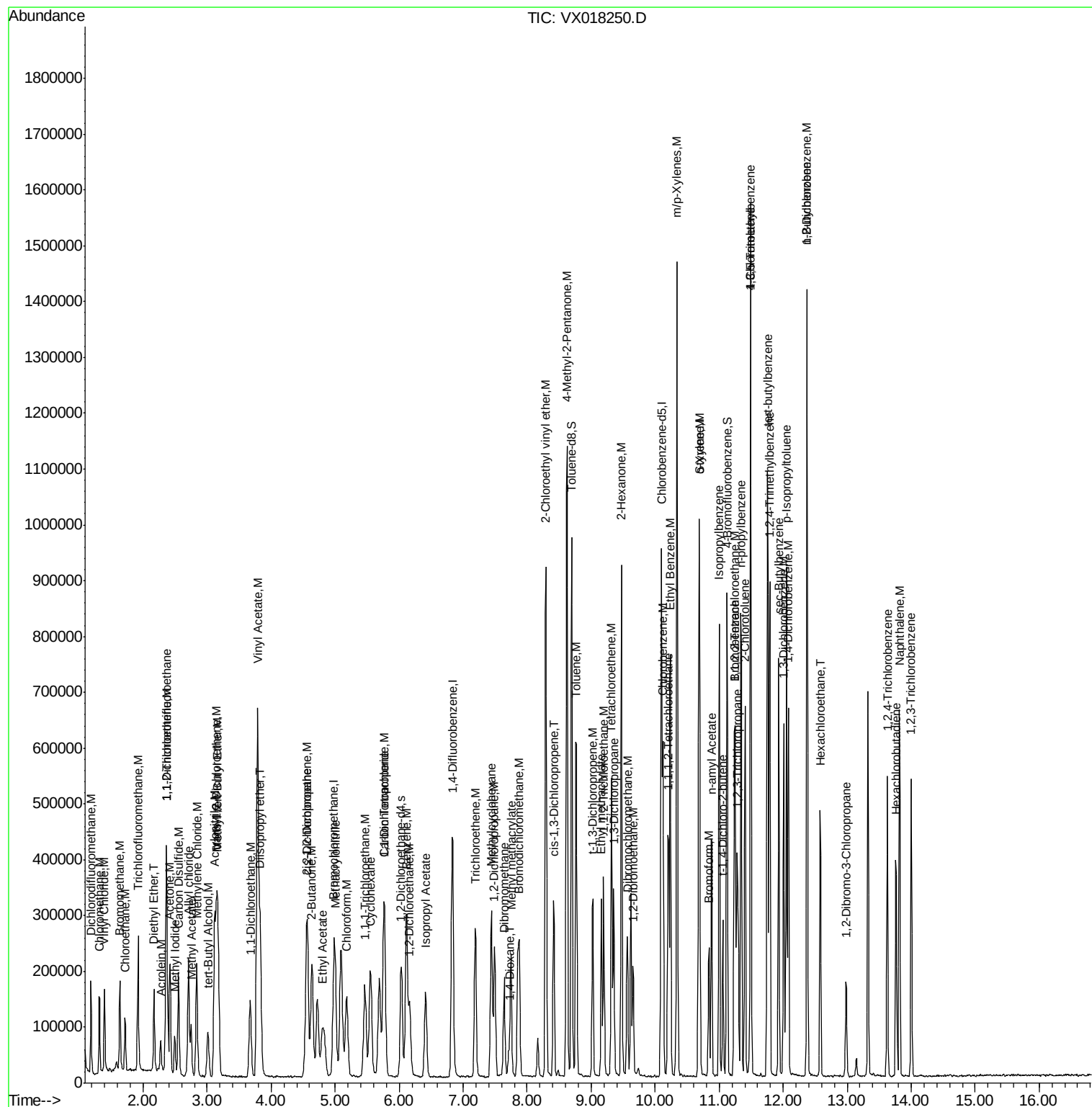
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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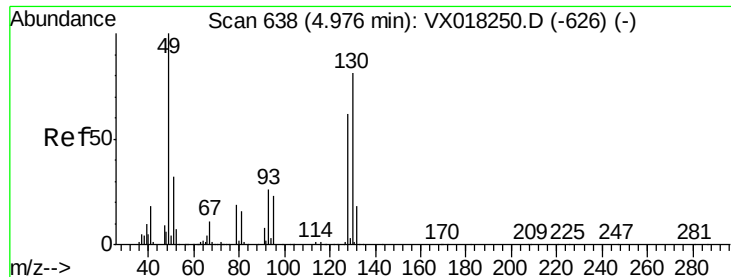
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

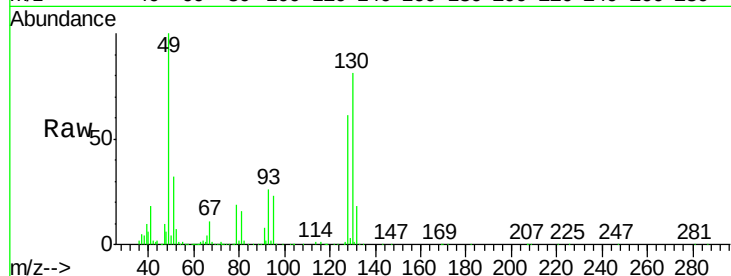
Tgt Ion:128 Resp: 84178

Ion Ratio Lower Upper

128 100

49 156.8 0.0 392.0

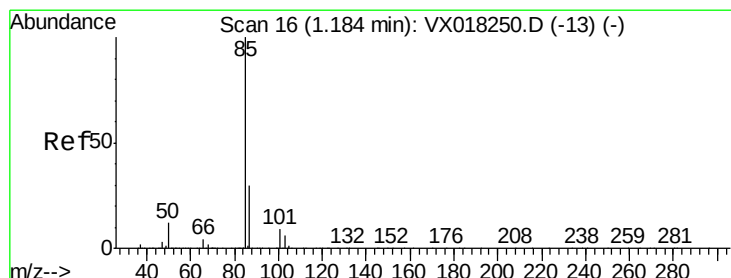
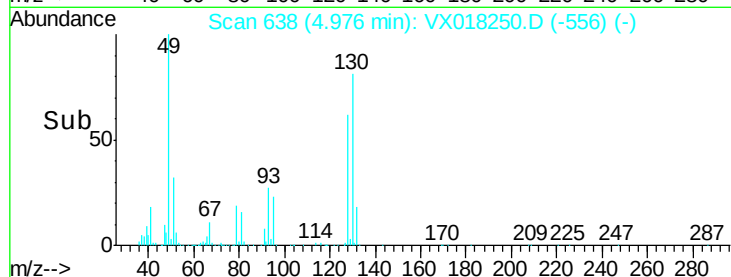
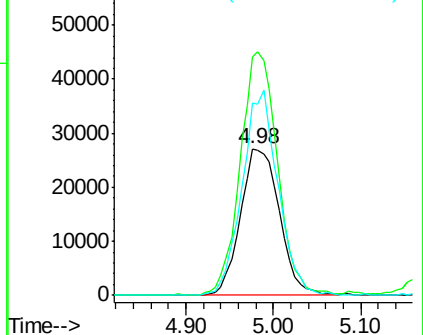
130 128.1 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.247 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018250.D

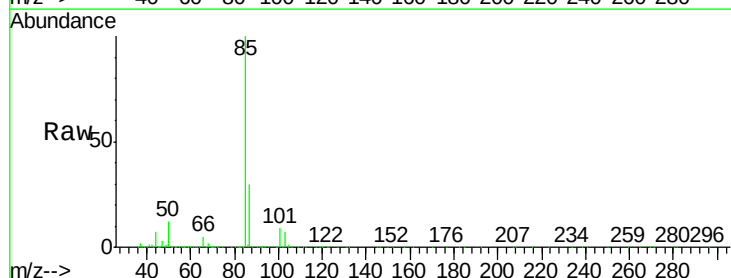
Acq: 04 Sep 2020 10:40

Tgt Ion: 85 Resp: 82909

Ion Ratio Lower Upper

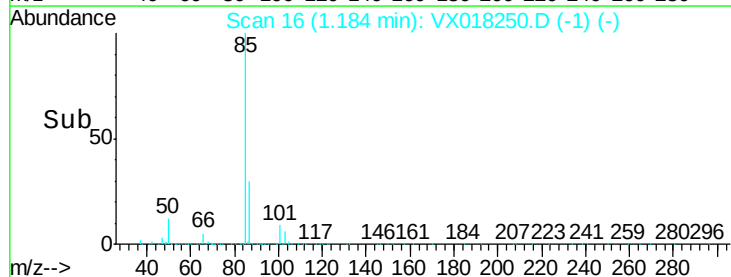
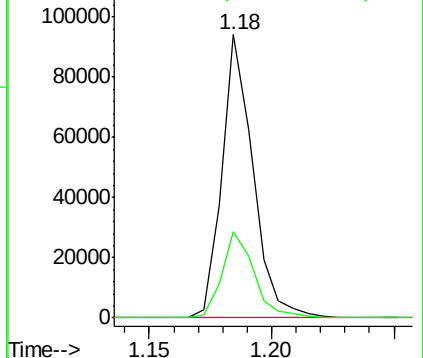
85 100

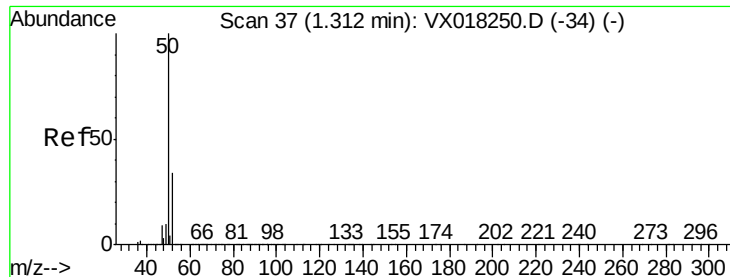
87 30.2 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

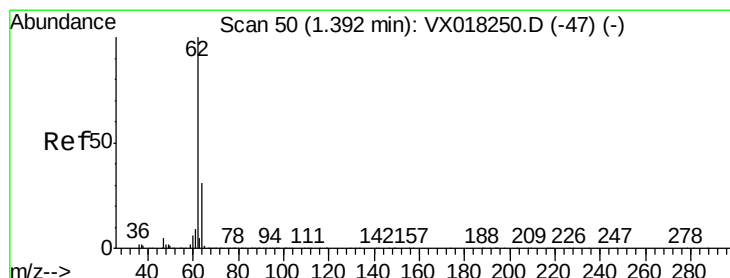
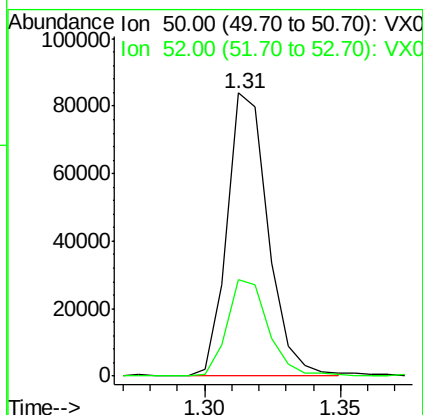
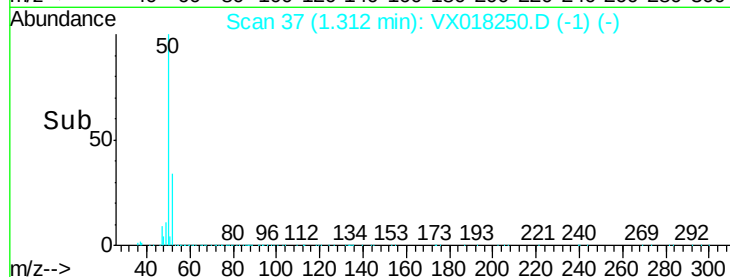
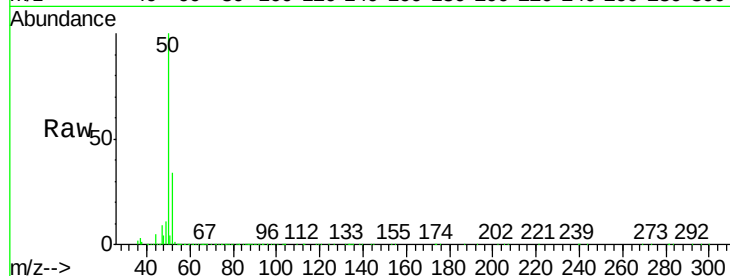




#3
Chloromethane
Concen: 18.032 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

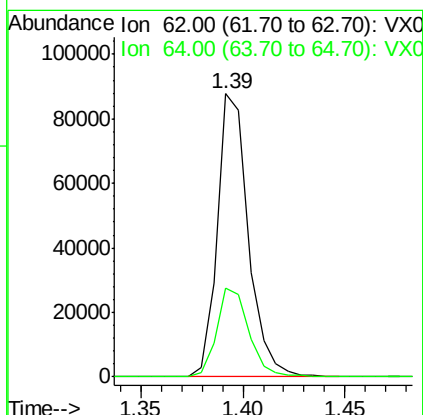
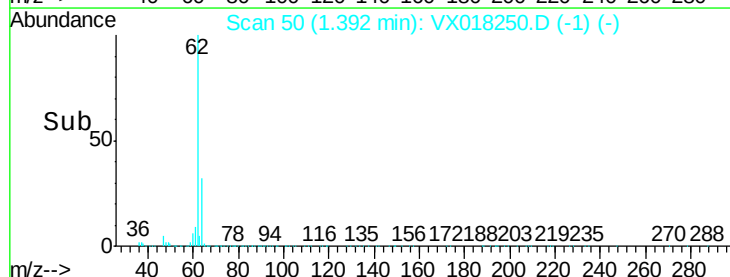
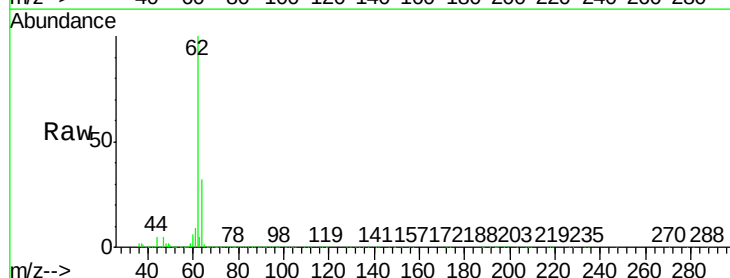
Instrument :
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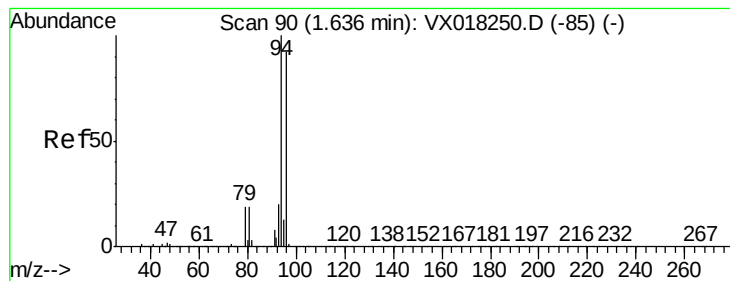
Tgt Ion: 50 Resp: 87896
Ion Ratio Lower Upper
50 100
52 33.9 27.1 40.7



#4
Vinyl Chloride
Concen: 18.833 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion: 62 Resp: 92354
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5

Bromomethane

Concen: 21.954 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

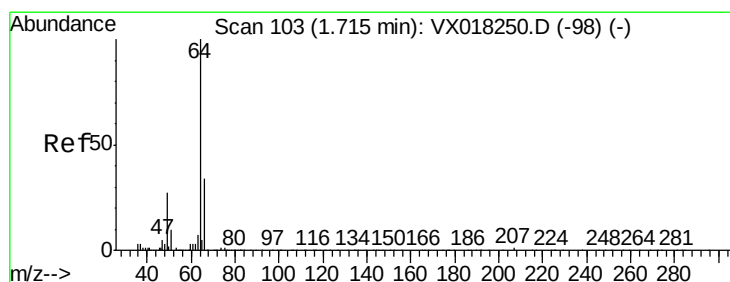
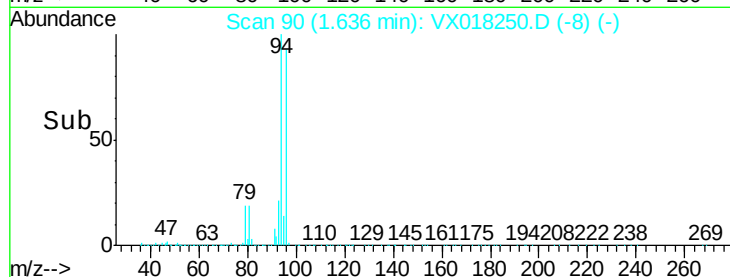
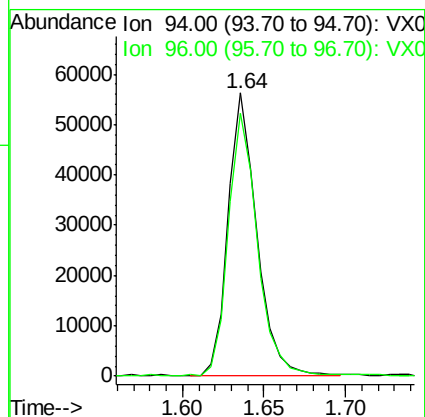
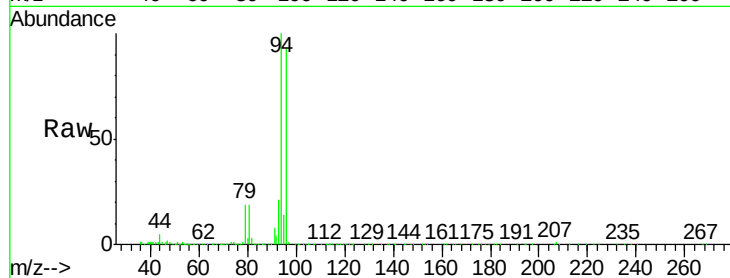
VSTDICCC020

Tgt Ion: 94 Resp: 69203

Ion Ratio Lower Upper

94 100

96 92.4 73.9 110.9



#6

Chloroethane

Concen: 20.084 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018250.D

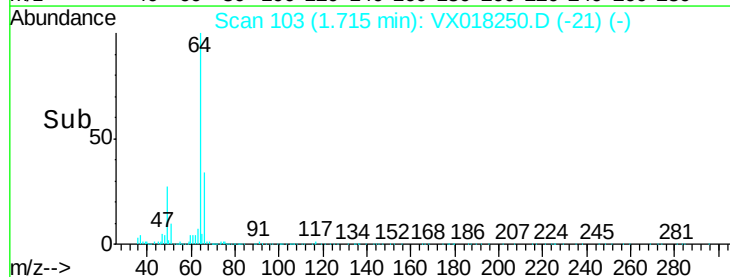
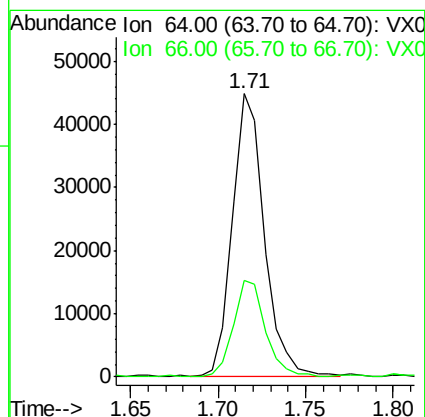
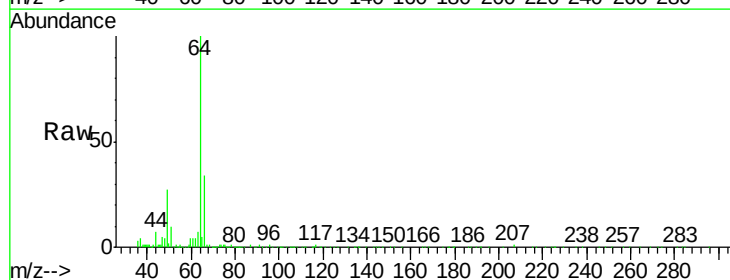
Acq: 04 Sep 2020 10:40

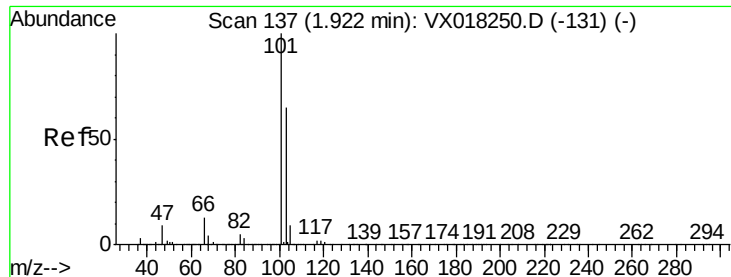
Tgt Ion: 64 Resp: 57274

Ion Ratio Lower Upper

64 100

66 33.7 27.0 40.4



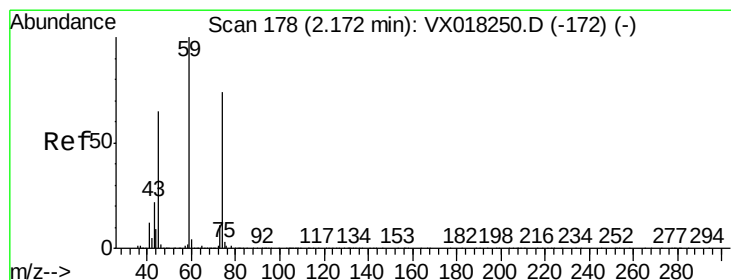
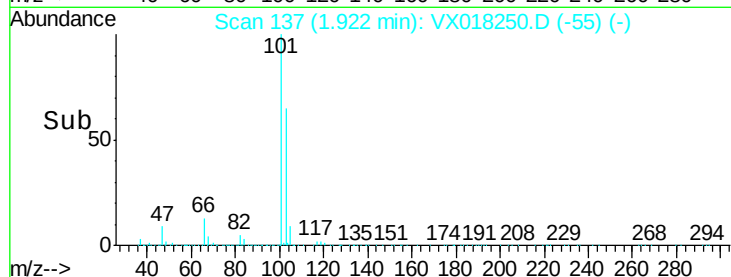
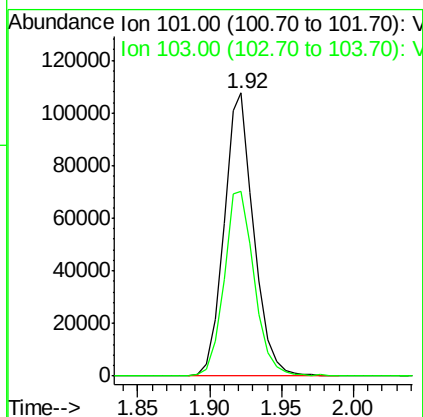
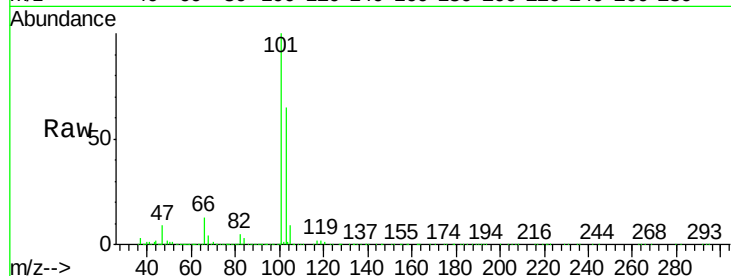


#7

Trichlorofluoromethane
Concen: 19.819 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

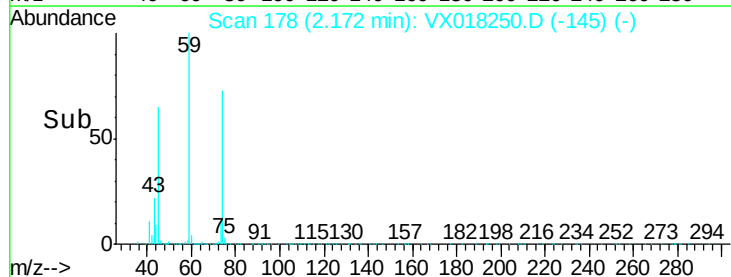
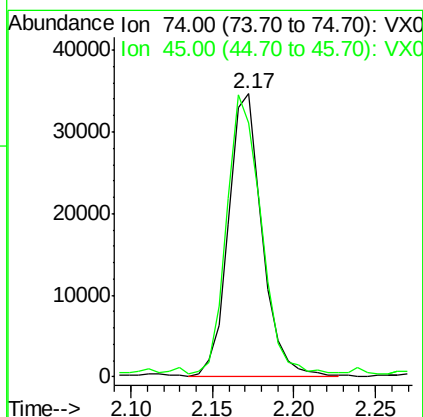
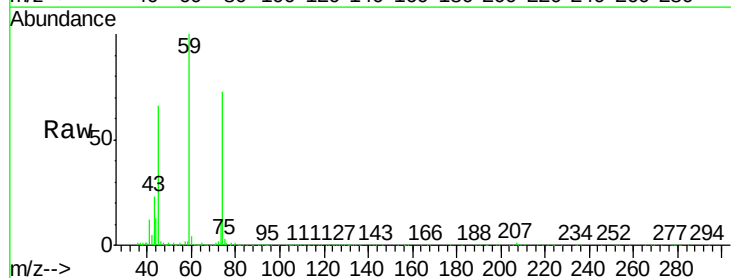
Tgt Ion:101 Resp: 155453
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

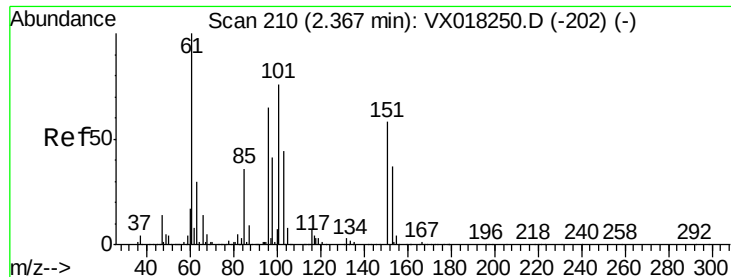


#8

Diethyl Ether
Concen: 20.810 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion: 74 Resp: 49588
Ion Ratio Lower Upper
74 100
45 102.0 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.481 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

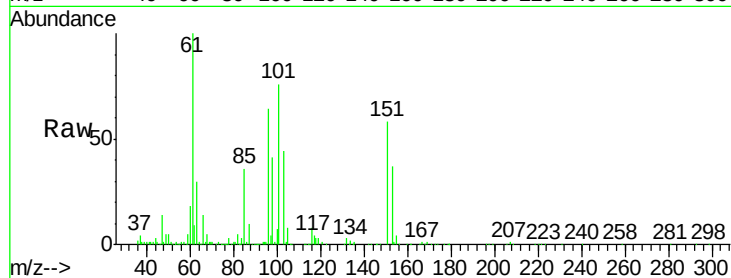
Tgt Ion: 101 Resp: 80941

Ion Ratio Lower Upper

101 100

85 43.9 0.0 87.8

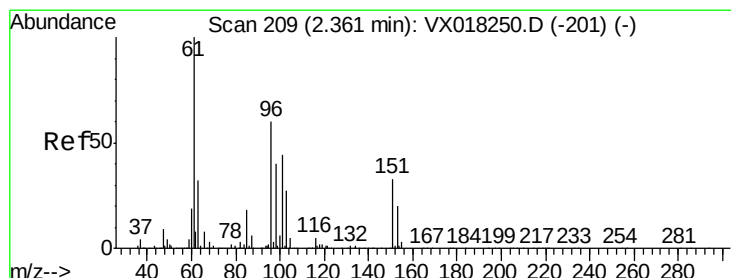
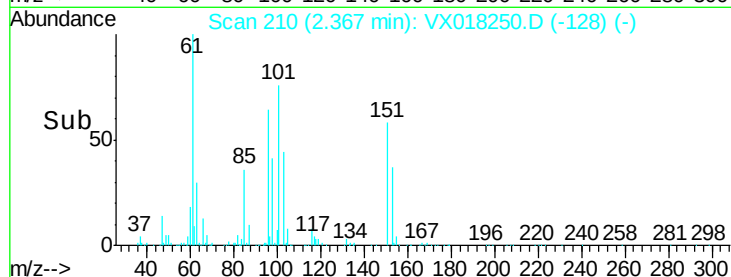
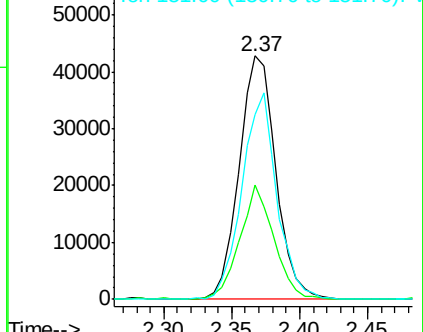
151 80.7 0.0 161.4



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



#10

1,1-Dichloroethene

Concen: 21.963 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

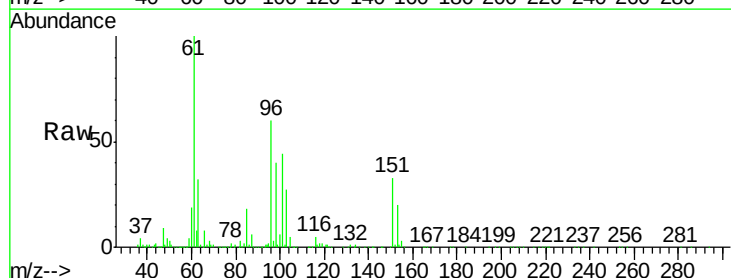
Tgt Ion: 96 Resp: 78690

Ion Ratio Lower Upper

96 100

61 165.6 132.5 198.7

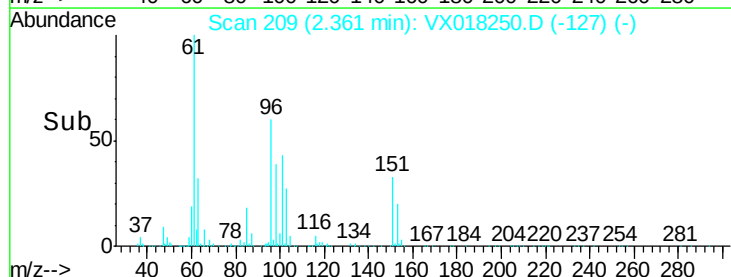
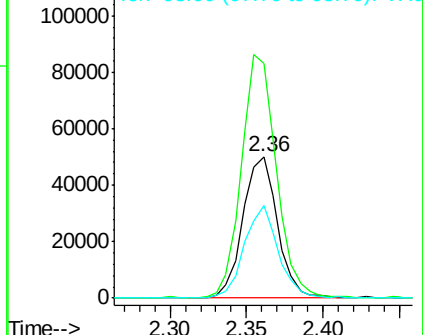
98 65.5 52.4 78.6

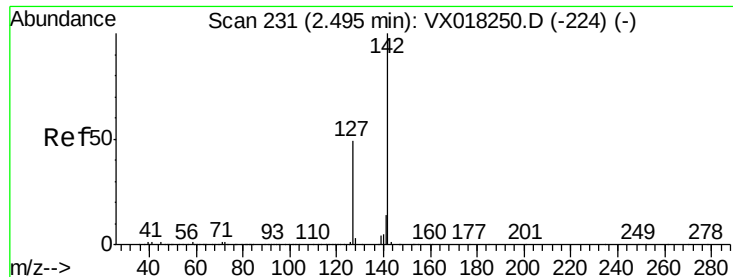


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

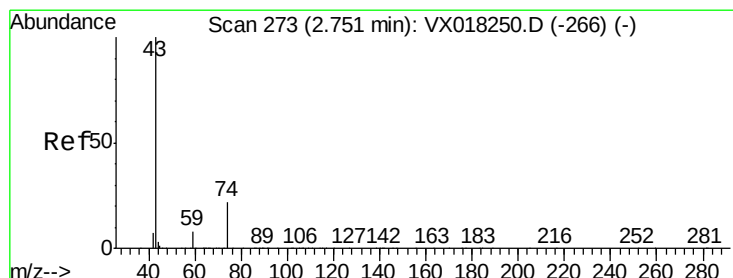
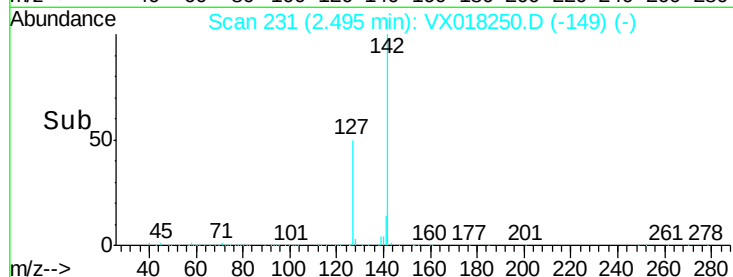
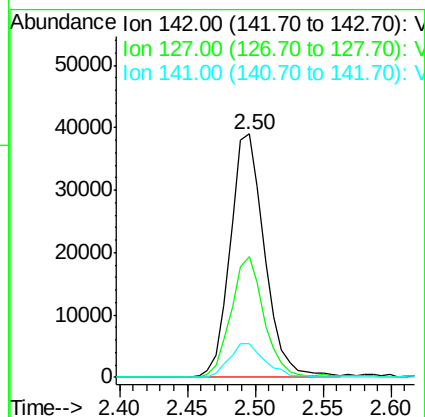
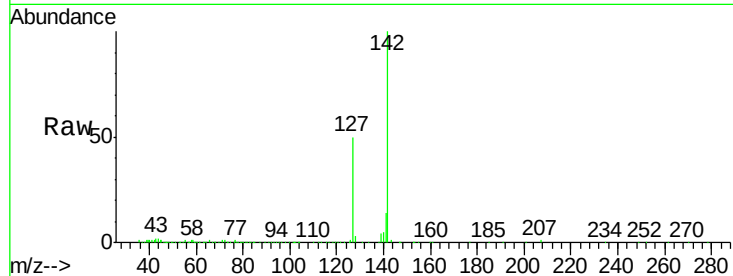




#11
Methyl Iodide
Concen: 17.062 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

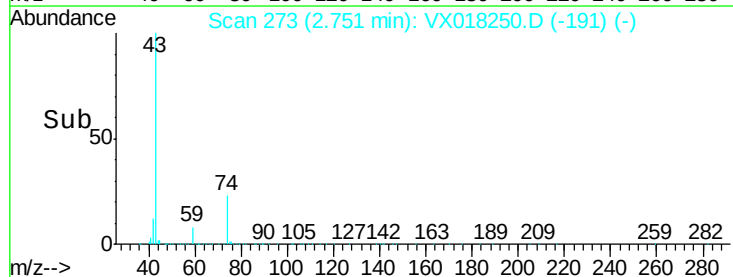
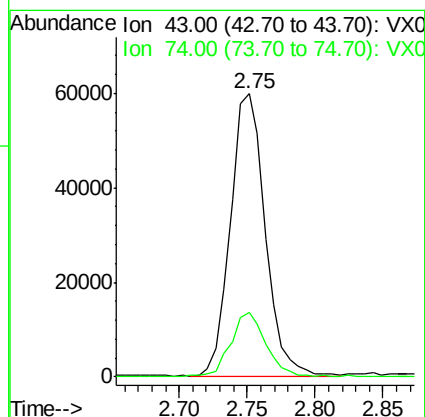
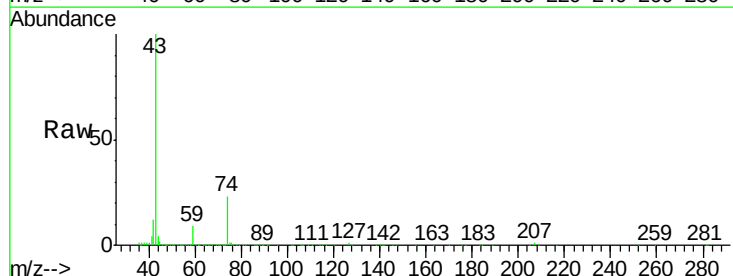
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

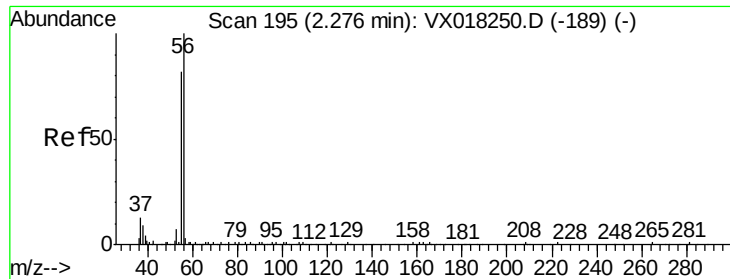
Tgt Ion:142 Resp: 68587
Ion Ratio Lower Upper
142 100
127 49.3 24.6 74.0
141 14.0 7.0 21.0



#12
Methyl Acetate
Concen: 20.504 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion: 43 Resp: 106132
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0





#13

Acrolein

Concen: 55.398 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

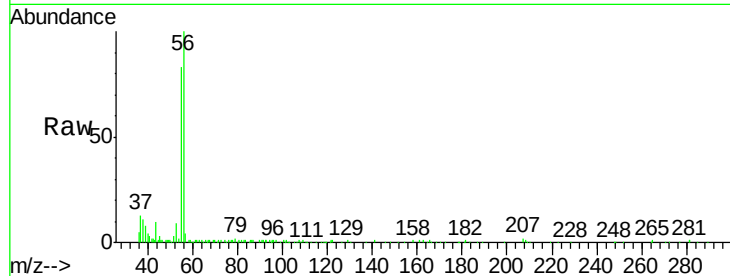
VSTDICCC020

Tgt Ion: 56 Resp: 37186

Ion Ratio Lower Upper

56 100

55 74.6 59.7 89.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

25000

20000

15000

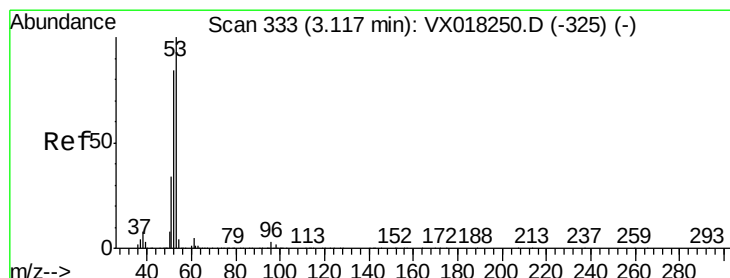
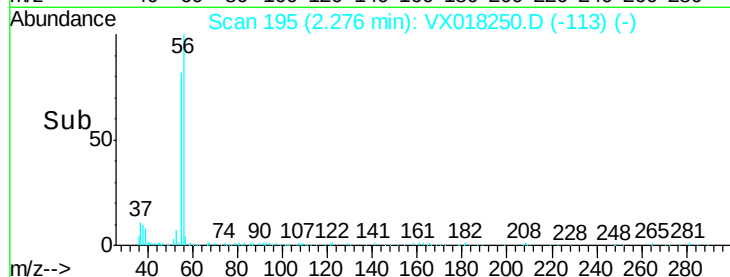
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Acrylonitrile

Concen: 106.715 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

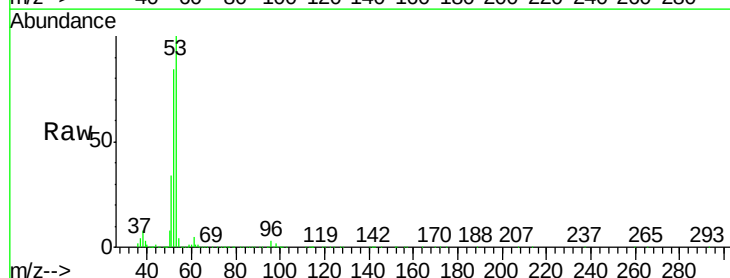
Tgt Ion: 53 Resp: 233149

Ion Ratio Lower Upper

53 100

52 83.8 41.9 125.7

51 36.5 18.3 54.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

150000

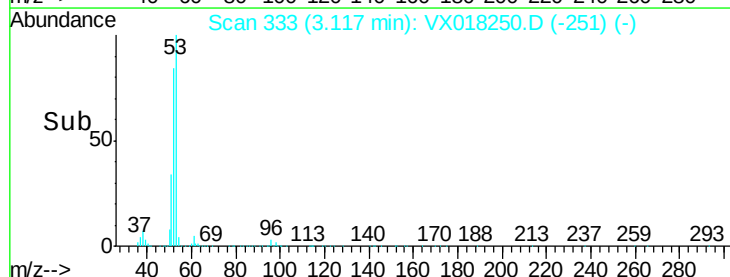
100000

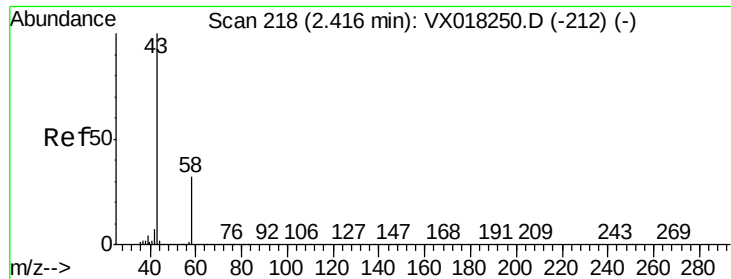
50000

0

Time-->

3.05 3.10 3.15 3.20





#15

Acetone

Concen: 107.749 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

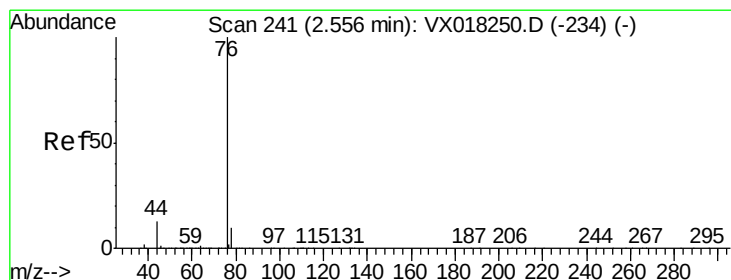
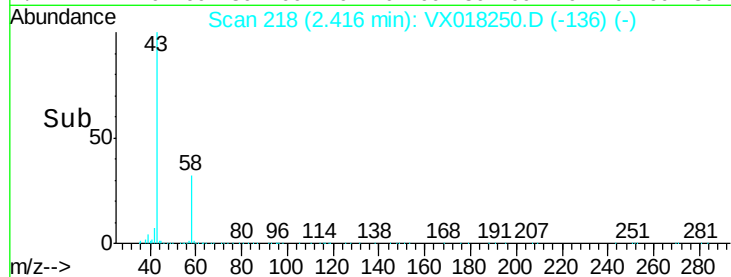
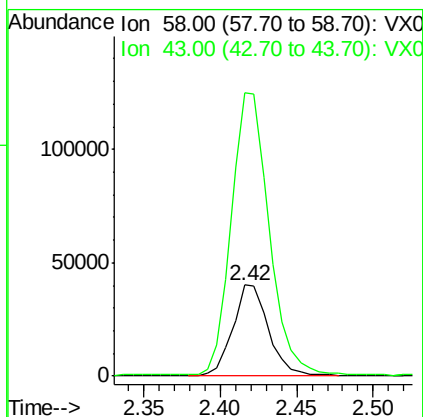
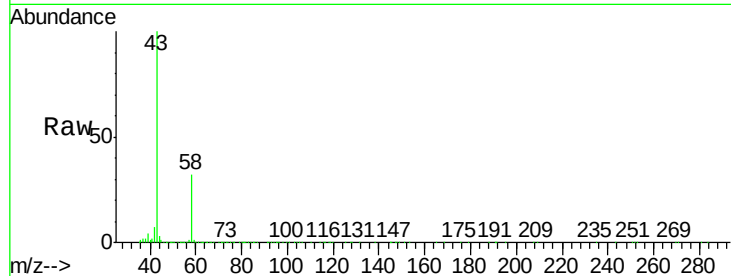
VSTDICCC020

Tgt Ion: 58 Resp: 64886

Ion Ratio Lower Upper

58 100

43 310.2 248.2 372.2



#16

Carbon Disulfide

Concen: 24.184 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX018250.D

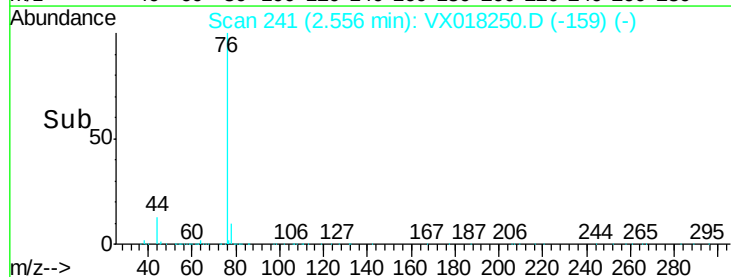
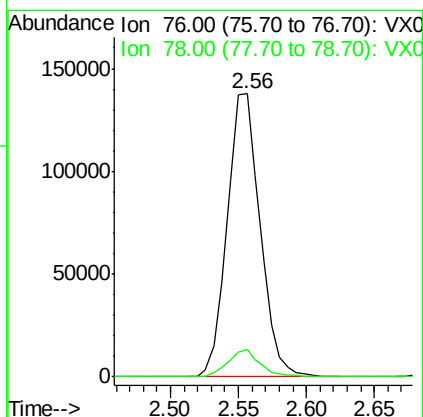
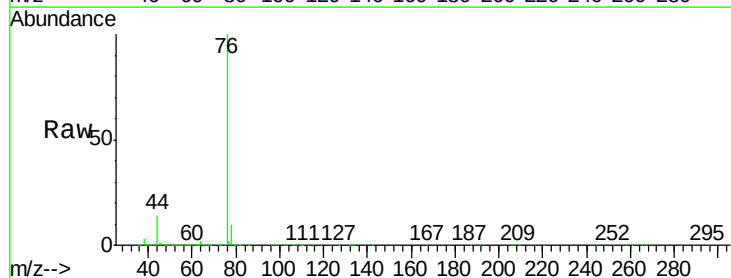
Acq: 04 Sep 2020 10:40

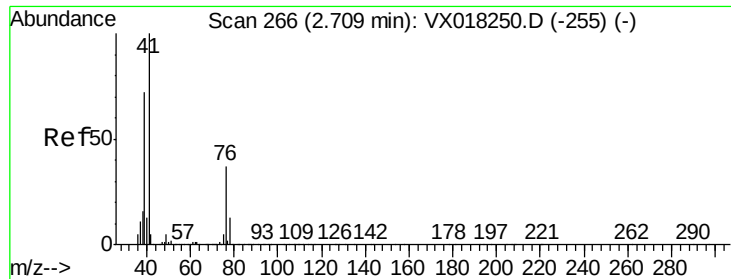
Tgt Ion: 76 Resp: 232288

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

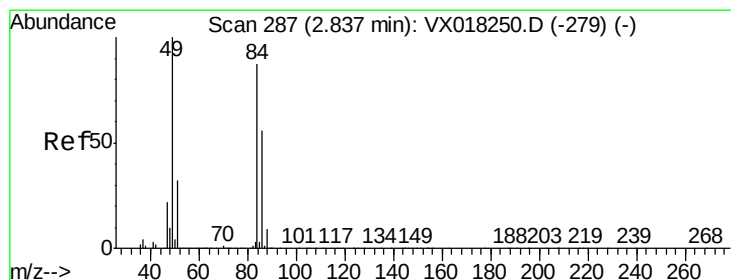
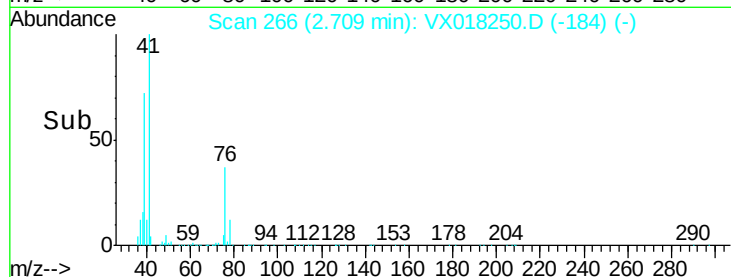
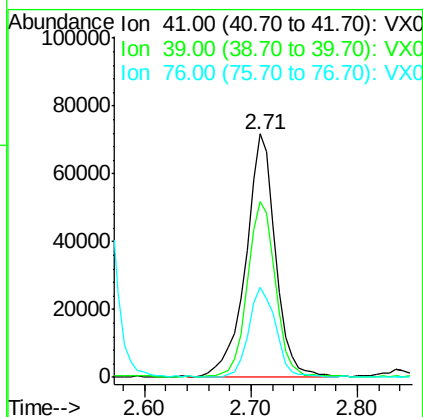
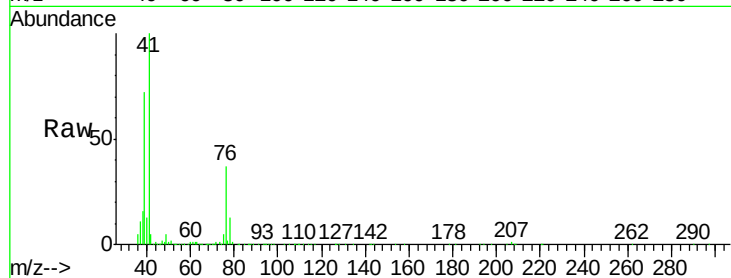




#17
 Allyl chloride
 Concen: 20.994 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

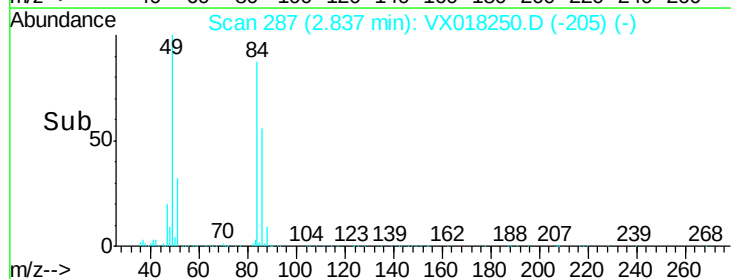
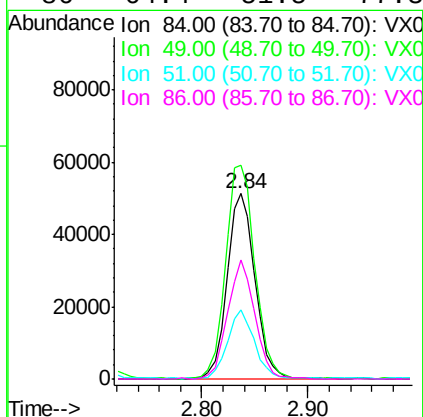
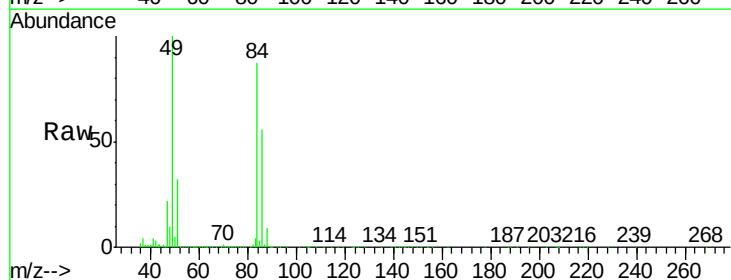
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

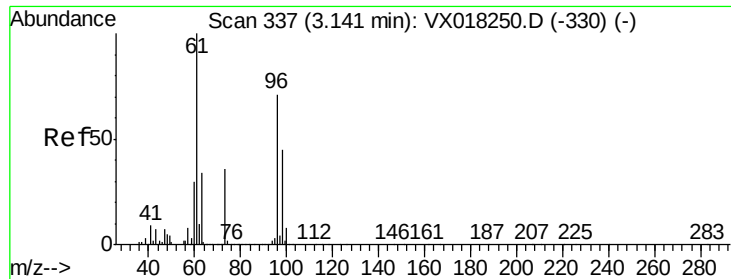
Tgt Ion: 41 Resp: 138729
 Ion Ratio Lower Upper
 41 100
 39 72.1 36.0 108.1
 76 37.1 18.6 55.6



#18
 Methylene Chloride
 Concen: 22.637 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion: 84 Resp: 94479
 Ion Ratio Lower Upper
 84 100
 49 114.5 91.6 137.4
 51 36.7 29.4 44.0
 86 64.4 51.5 77.3

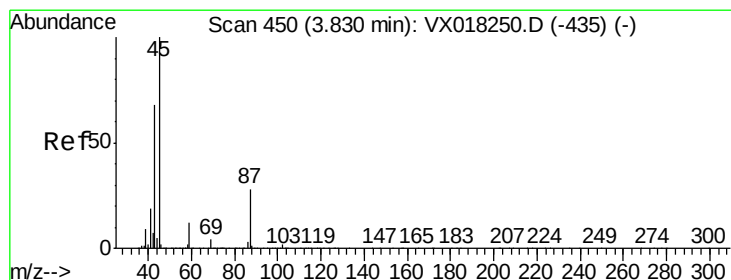
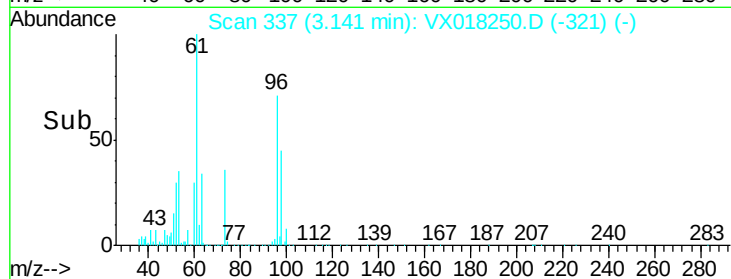
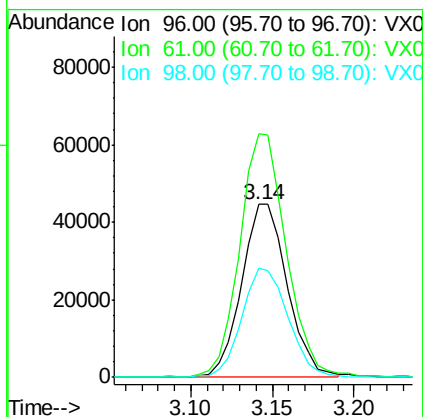
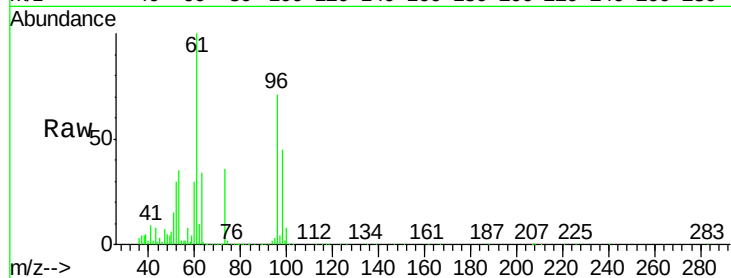




#19
trans-1,2-Dichloroethene
Concen: 22.722 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

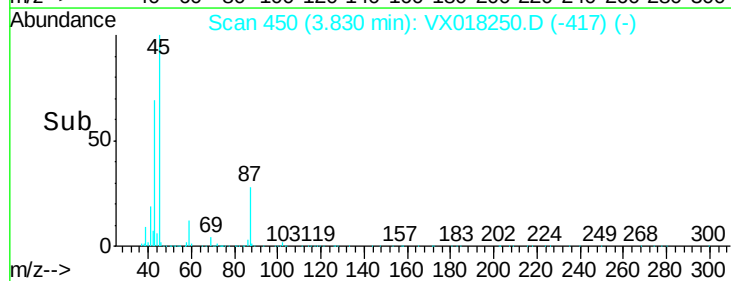
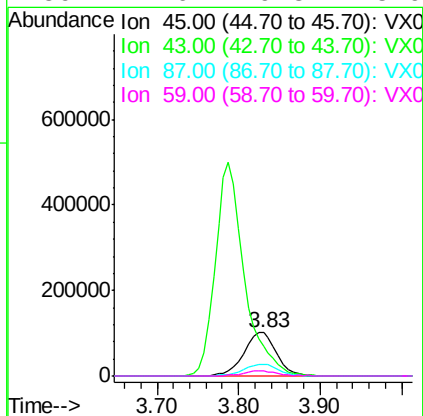
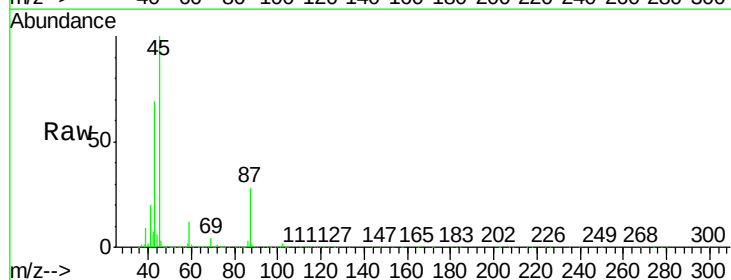
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

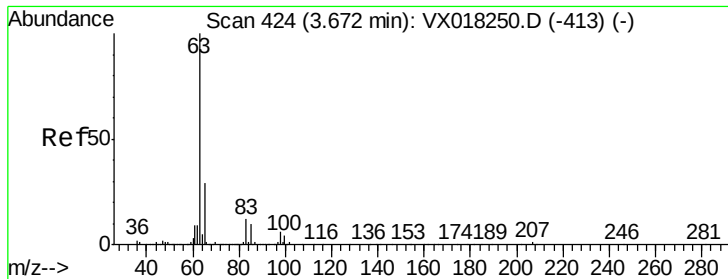
Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.0	112.8	169.2
98	63.7	51.0	76.4



#20
Diisopropyl ether
Concen: 21.439 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.1	54.5	81.7
87	27.7	22.2	33.2
59	11.6	9.3	13.9

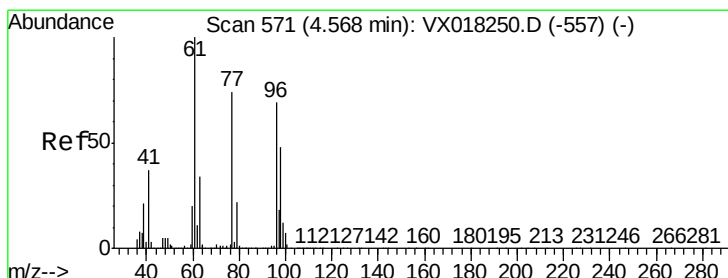
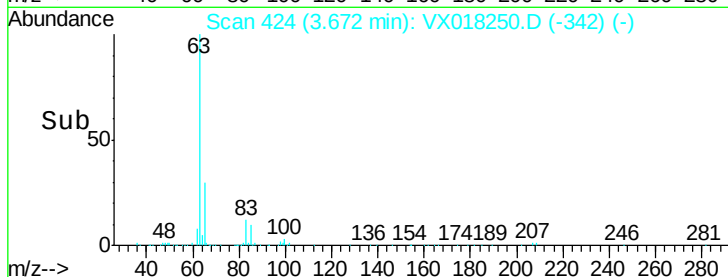
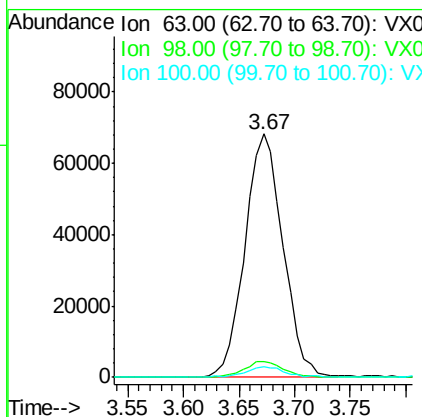
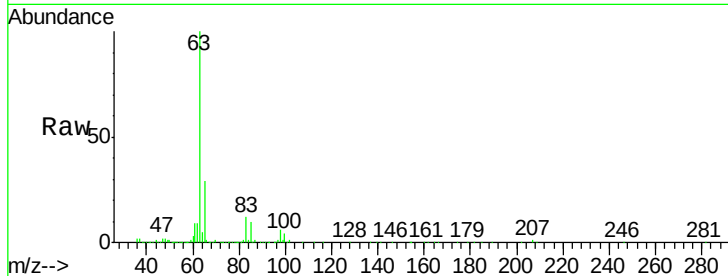




#21
 1,1-Dichloroethane
 Concen: 22.461 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

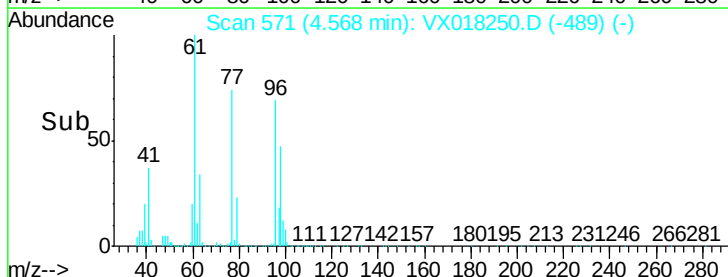
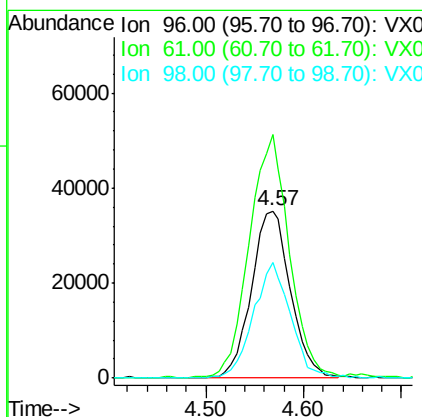
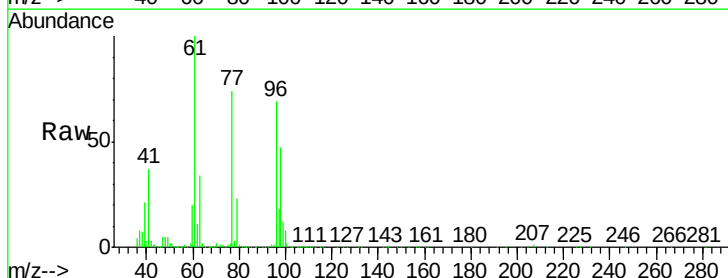
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

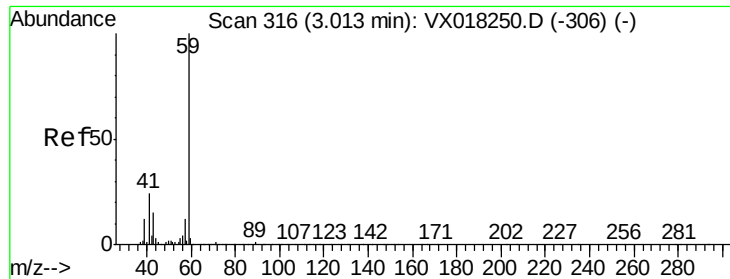
Tgt Ion:	63	Resp:	162336
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.2	9.6
100	4.2	2.1	6.3



#22
 cis-1,2-Dichloroethene
 Concen: 21.826 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion:	96	Resp:	97978
Ion	Ratio	Lower	Upper
96	100		
61	145.3	116.2	174.4
98	65.6	52.5	78.7

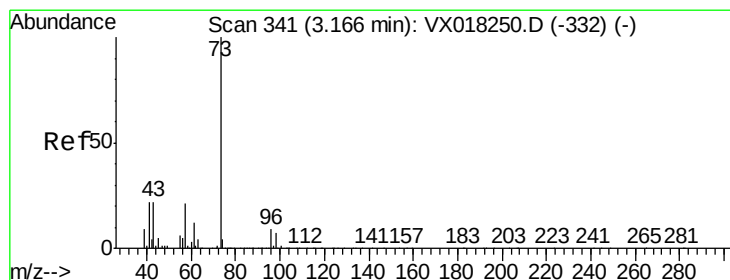
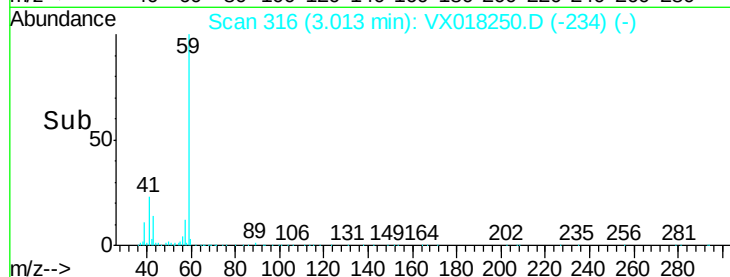
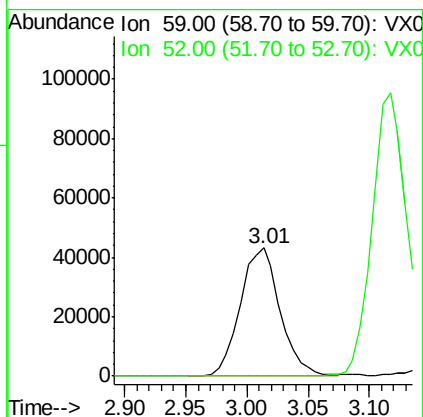
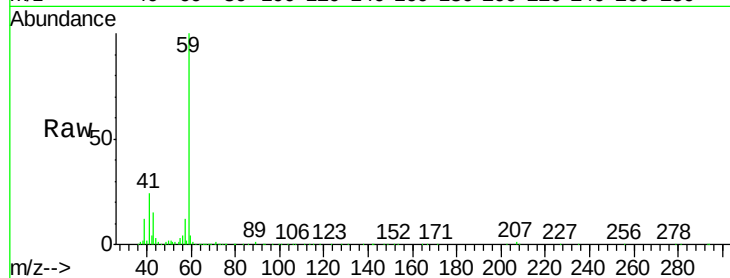




#23
 tert-Butyl Alcohol
 Concen: 98.222 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

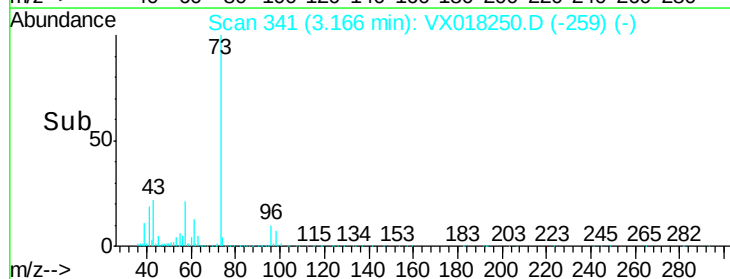
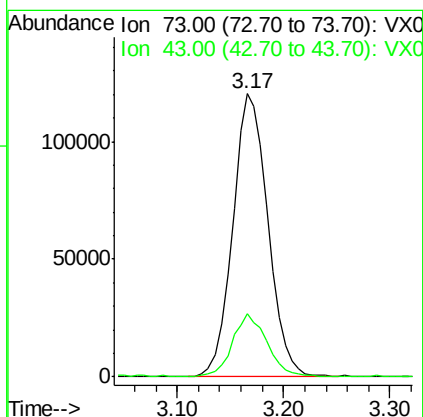
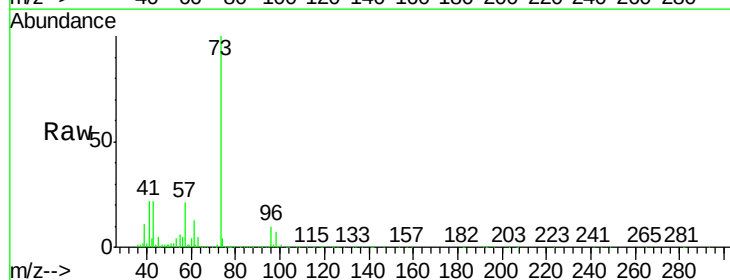
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

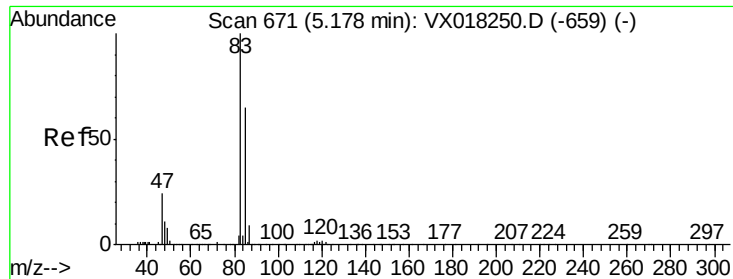
Tgt Ion: 59 Resp: 97625
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.4 0.6



#24
 Methyl tert-Butyl Ether
 Concen: 20.564 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion: 73 Resp: 277142
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.8 26.6

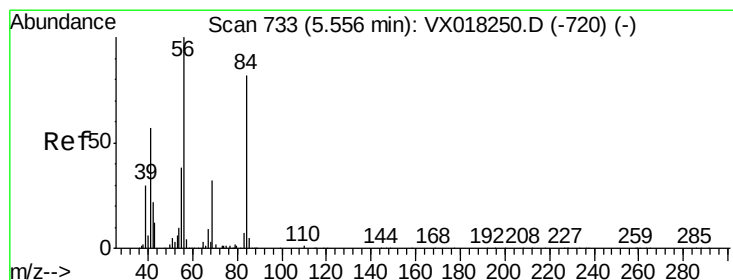
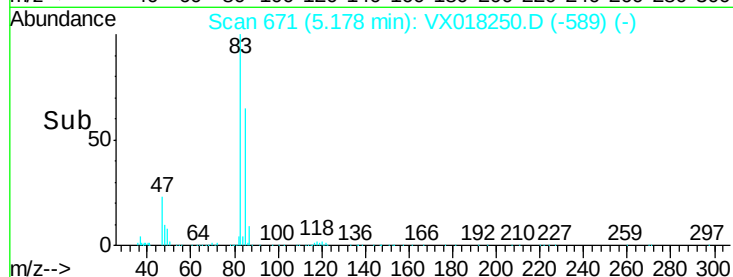
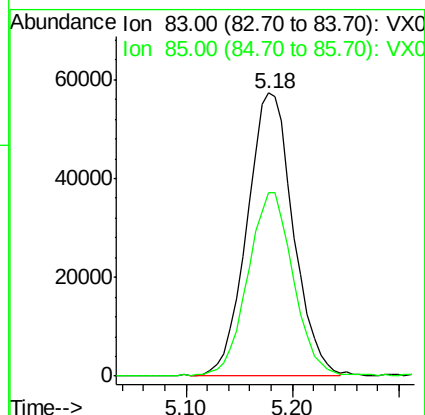
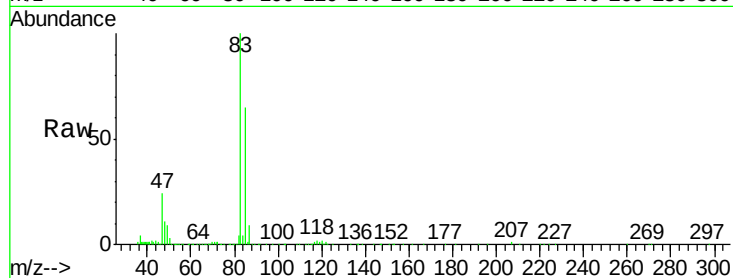




#25
Chloroform
Concen: 21.807 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

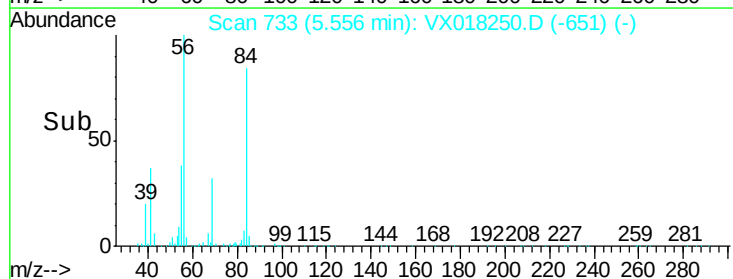
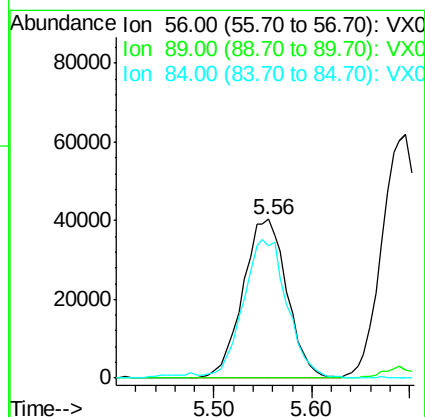
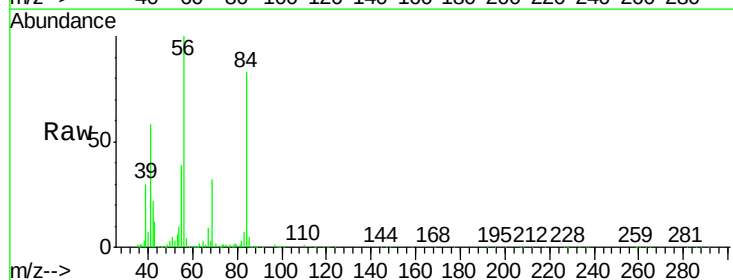
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

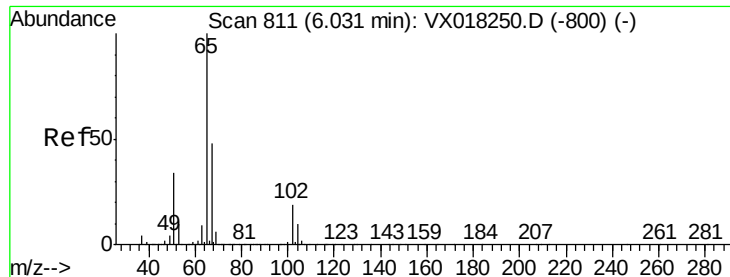
Tgt Ion: 83 Resp: 172886
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4



#26
Cyclohexane
Concen: 20.442 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion: 56 Resp: 125785
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 51.2 41.0 61.4

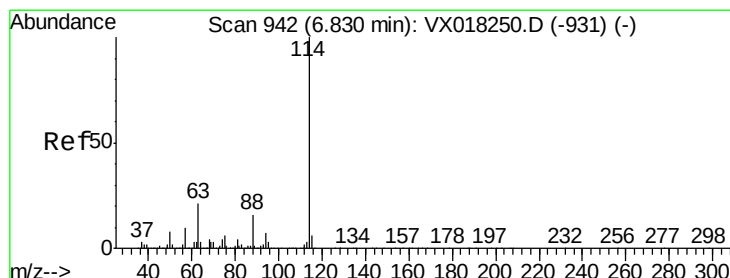
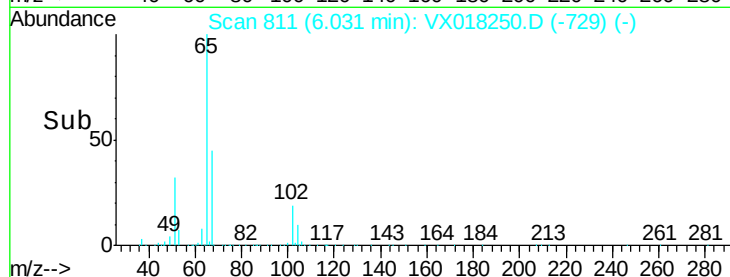
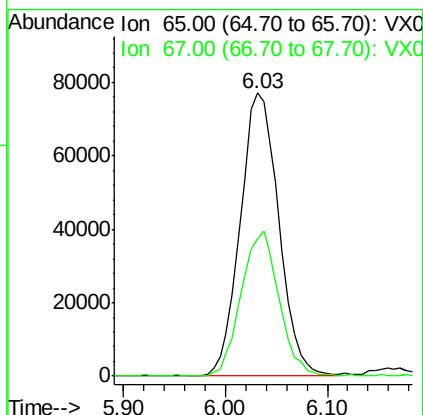
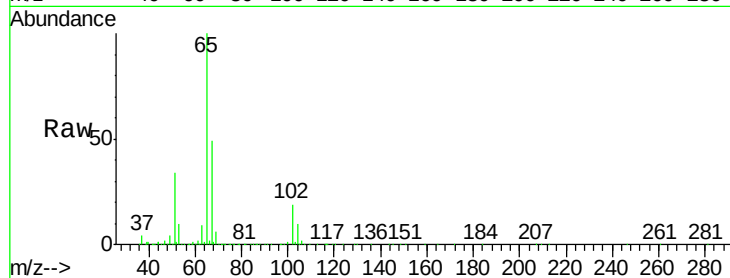




#27
 1,2-Dichloroethane-d4
 Concen: 30.449 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

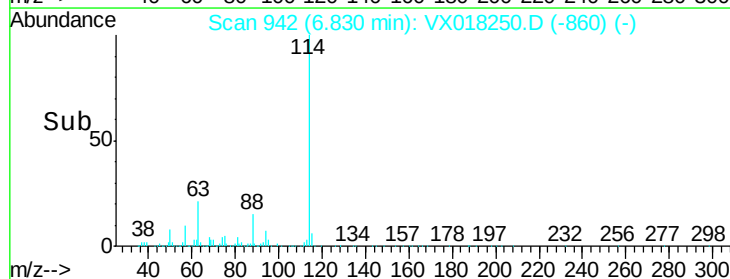
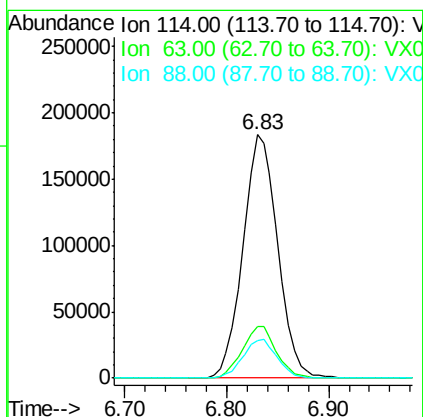
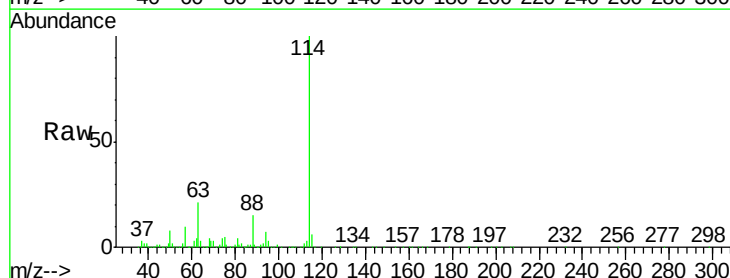
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

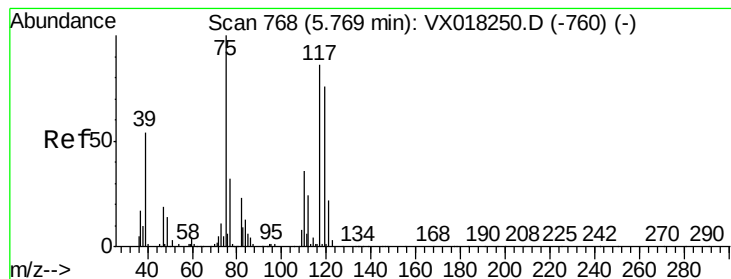
Tgt Ion: 65 Resp: 202915
 Ion Ratio Lower Upper
 65 100
 67 49.9 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion: 114 Resp: 433122
 Ion Ratio Lower Upper
 114 100
 63 20.9 16.7 25.1
 88 15.7 12.6 18.8





#29

1,1-Dichloropropene

Concen: 22.272 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

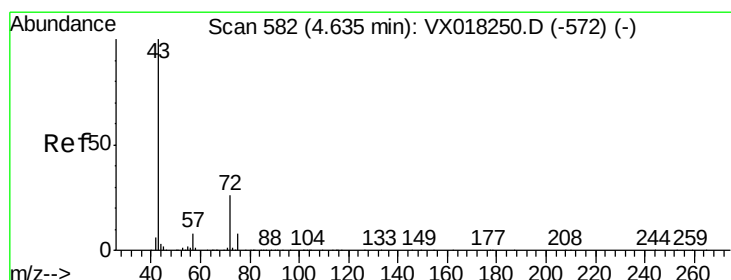
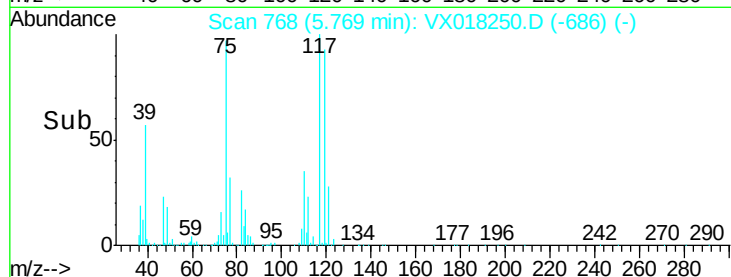
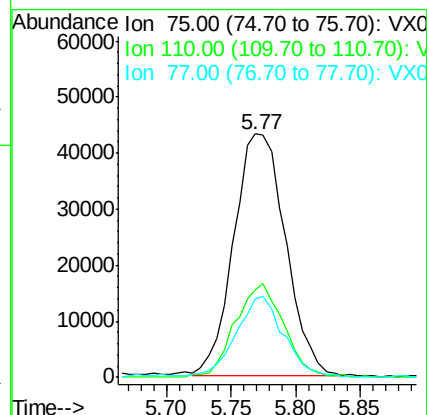
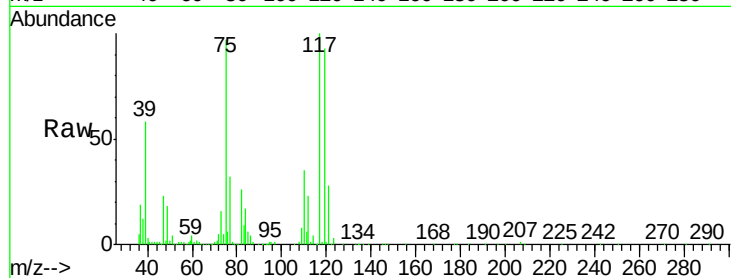
Tgt Ion: 75 Resp: 120068

Ion Ratio Lower Upper

75 100

110 36.1 0.0 72.2

77 30.5 0.0 61.0



#30

2-Butanone

Concen: 111.540 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

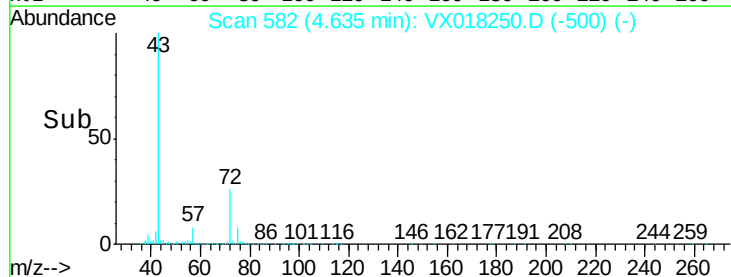
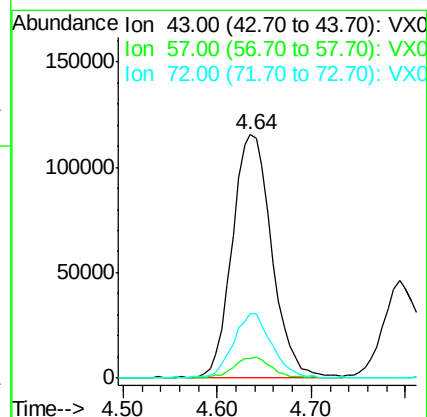
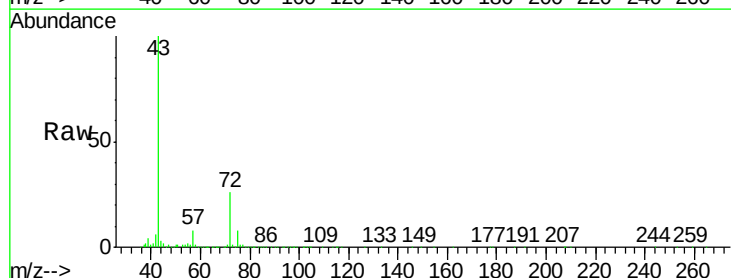
Tgt Ion: 43 Resp: 335189

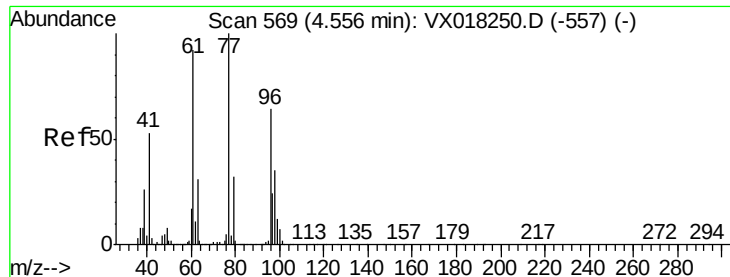
Ion Ratio Lower Upper

43 100

57 8.4 6.7 10.1

72 25.0 20.0 30.0





#31

2,2-Dichloropropane

Concen: 21.712 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

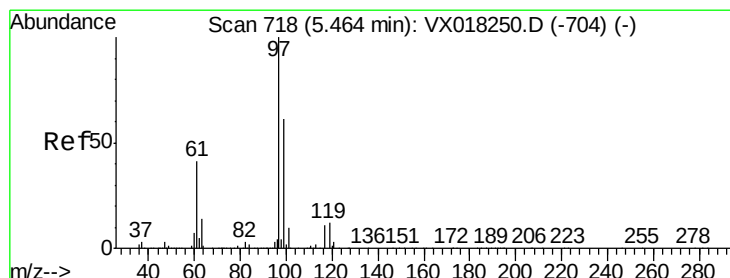
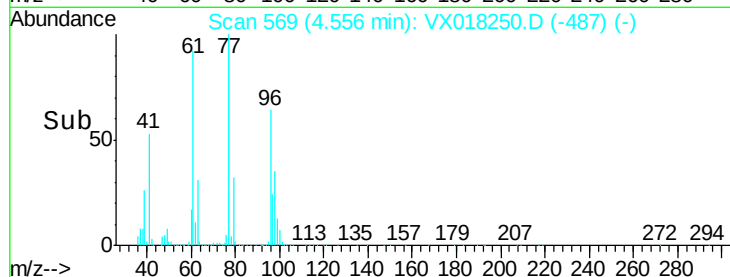
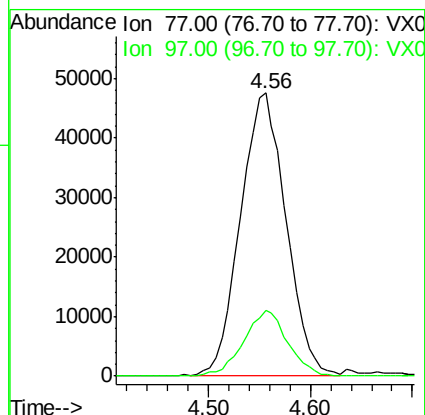
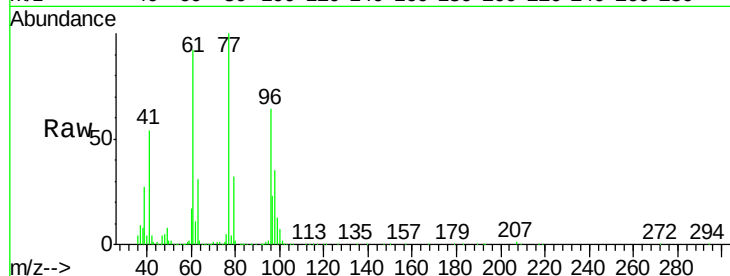
VSTDICCC020

Tgt Ion: 77 Resp: 146229

Ion Ratio Lower Upper

77 100

97 22.6 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 22.240 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

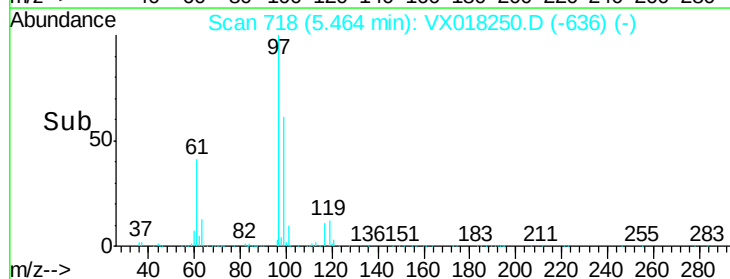
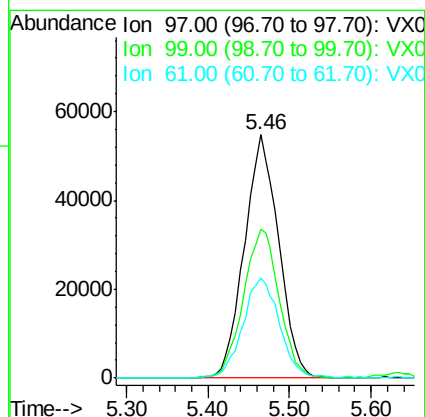
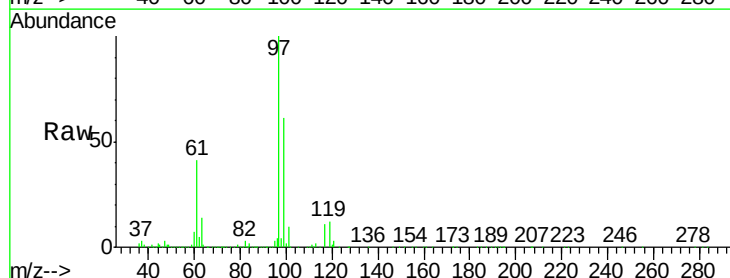
Tgt Ion: 97 Resp: 160685

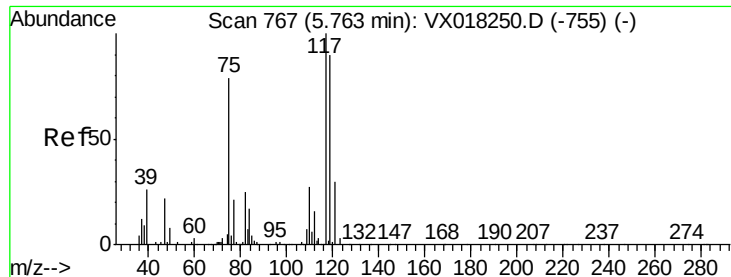
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 43.1 34.5 51.7





#33

Carbon Tetrachloride

Concen: 22.504 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

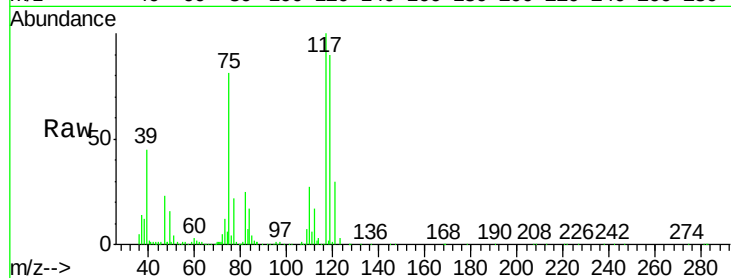
Tgt Ion: 117 Resp: 150455

Ion Ratio Lower Upper

117 100

119 90.4 72.3 108.5

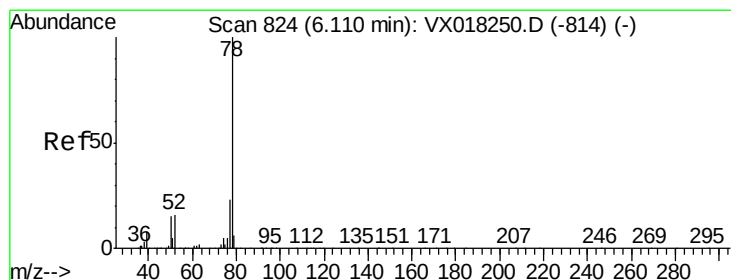
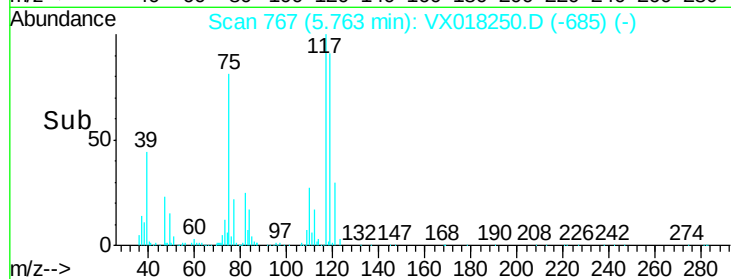
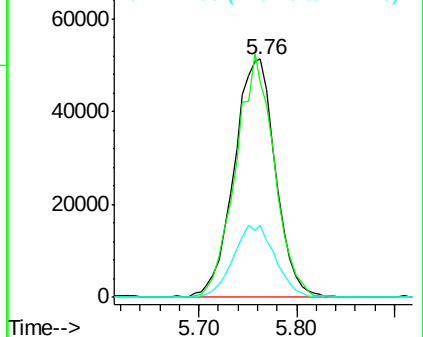
121 30.1 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 22.834 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

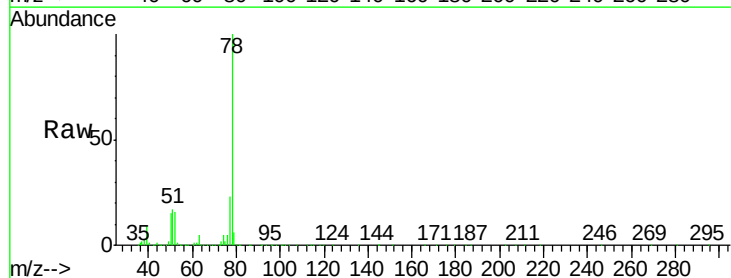
Tgt Ion: 78 Resp: 351378

Ion Ratio Lower Upper

78 100

77 22.9 18.3 27.5

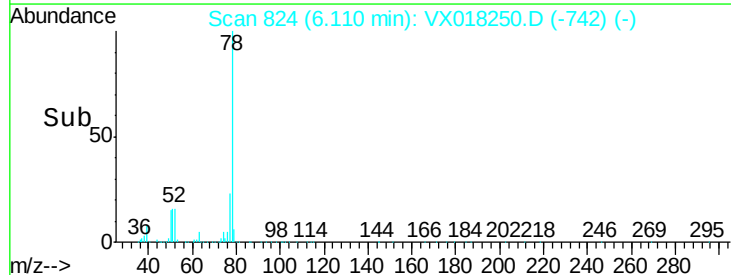
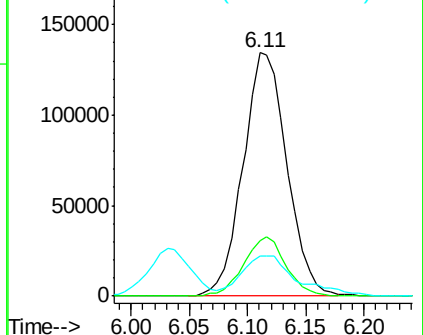
51 14.1 11.3 16.9

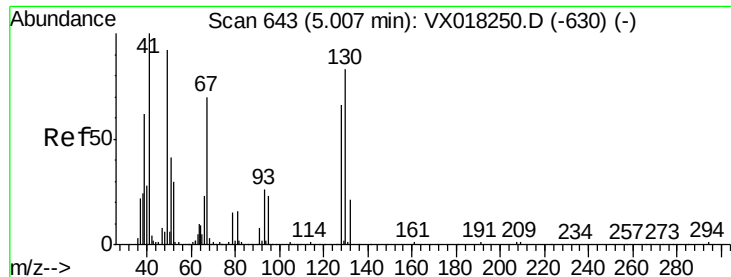


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

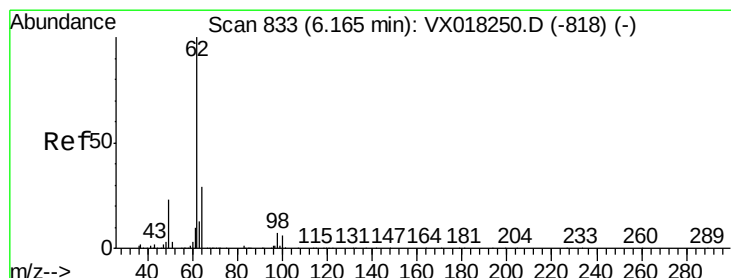
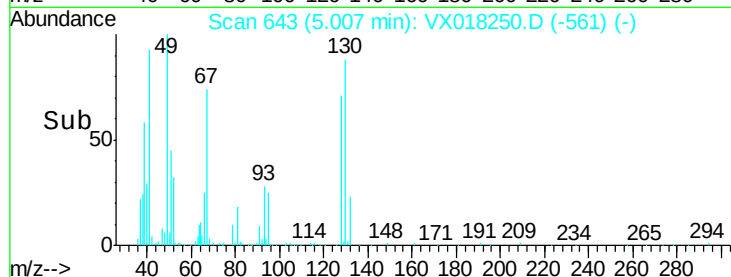
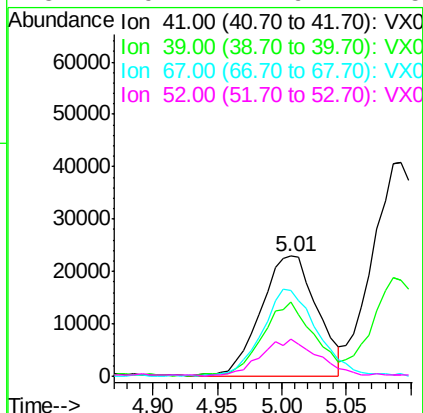
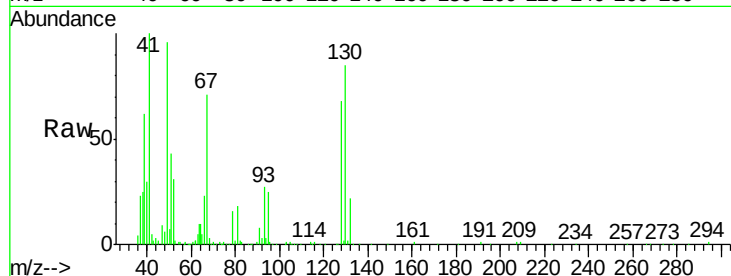




#35
Methacrylonitrile
Concen: 21.292 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

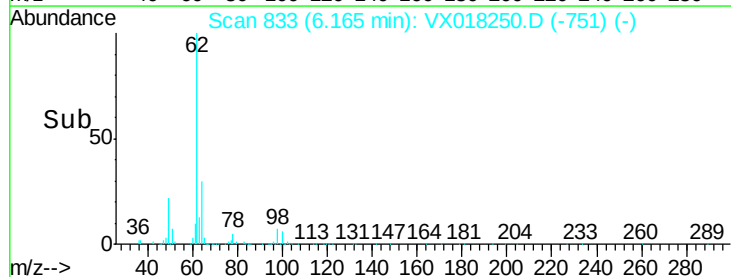
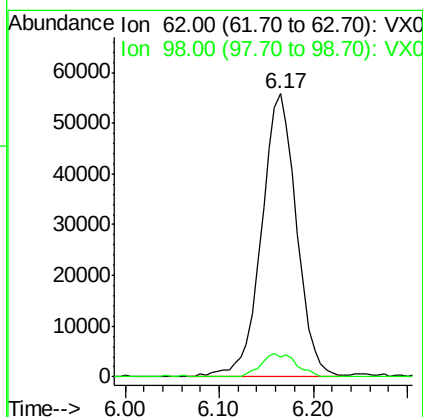
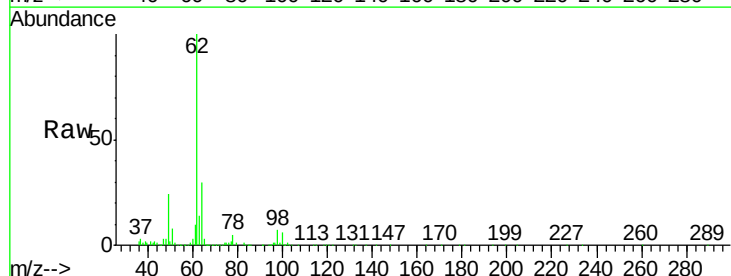
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

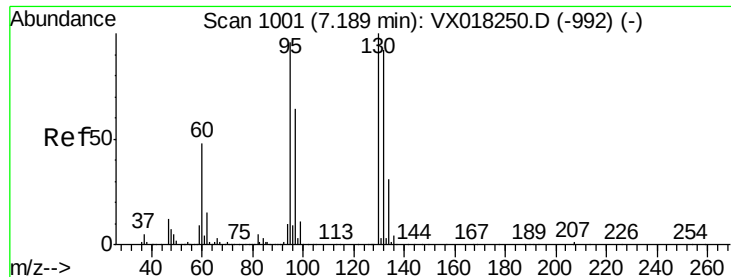
Tgt Ion:	41	Resp:	69184
Ion	Ratio	Lower	Upper
41	100		
39	62.6	31.3	93.9
67	70.8	35.4	106.2
52	29.7	14.9	44.5



#36
1,2-Dichloroethane
Concen: 22.275 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion:	62	Resp:	143683
Ion	Ratio	Lower	Upper
62	100		
98	4.8	0.0	0.0#

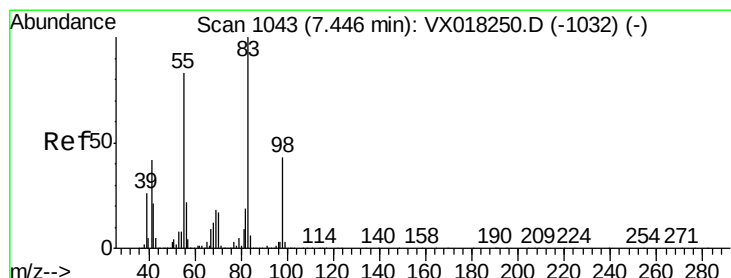
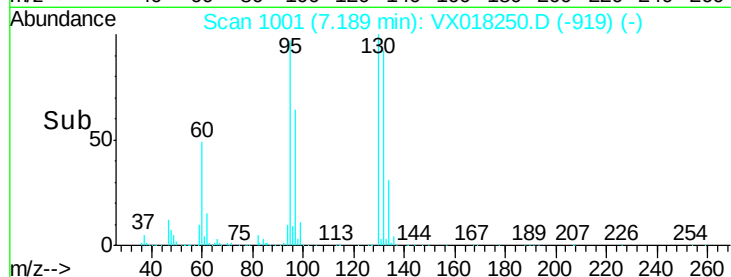
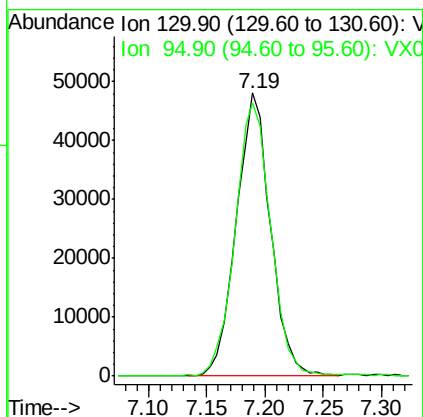
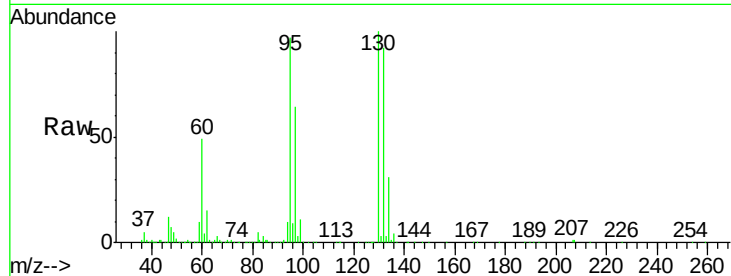




#37
 Trichloroethene
 Concen: 21.917 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

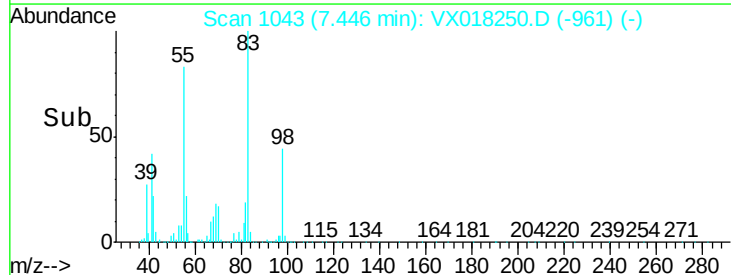
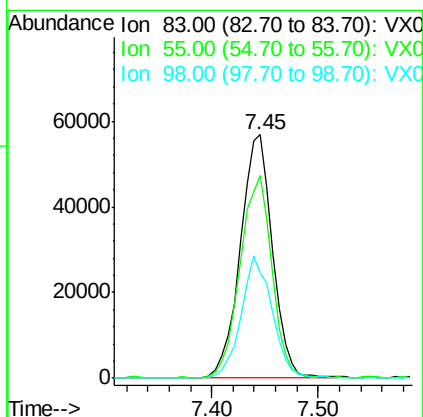
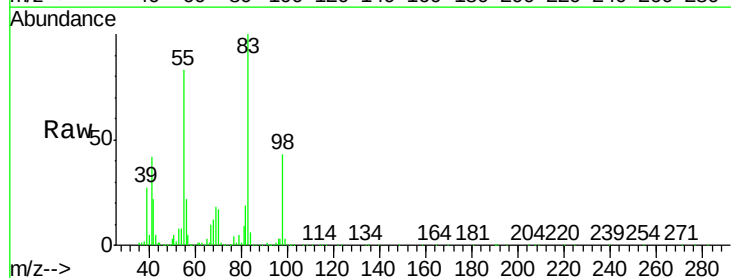
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

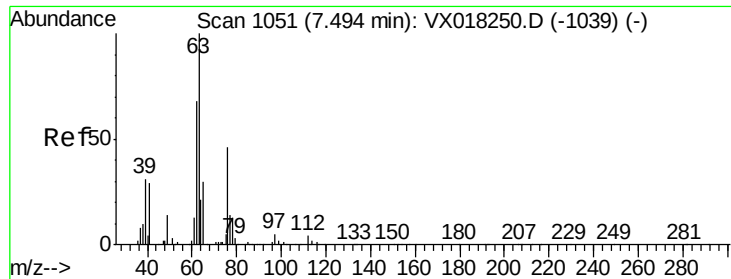
Tgt Ion:130 Resp: 98405
 Ion Ratio Lower Upper
 130 100
 95 96.1 76.9 115.3



#38
 Methylcyclohexane
 Concen: 19.310 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion: 83 Resp: 120956
 Ion Ratio Lower Upper
 83 100
 55 82.3 41.1 123.4
 98 48.0 24.0 72.0





#39

1,2-Dichloropropane

Concen: 22.658 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

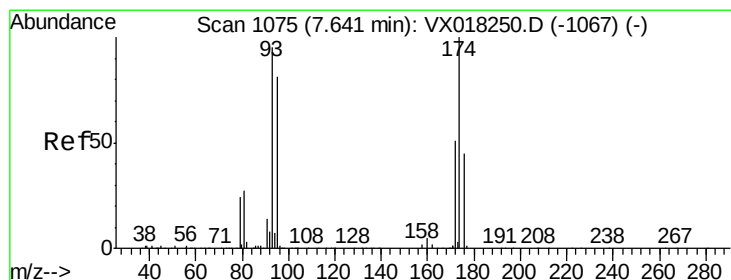
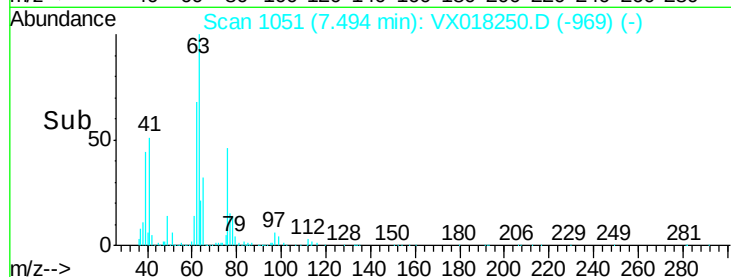
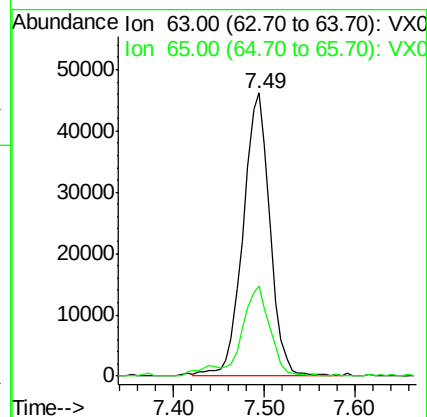
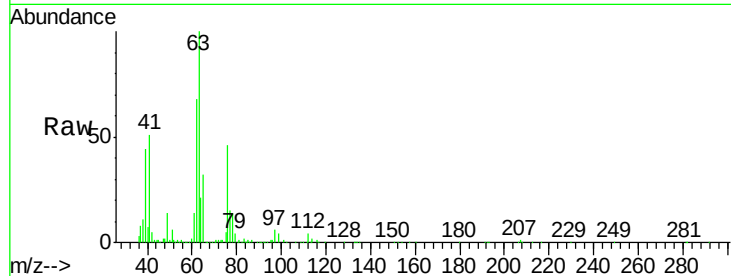
VSTDICCC020

Tgt Ion: 63 Resp: 94315

Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5



#40

Dibromomethane

Concen: 22.857 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

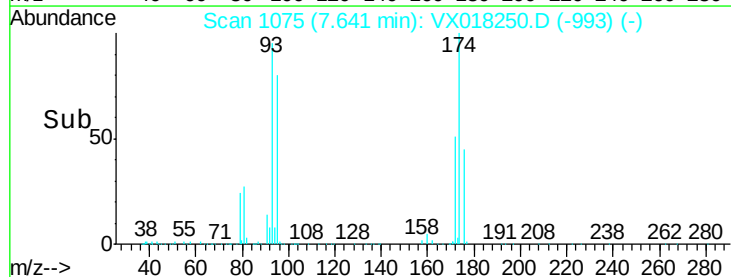
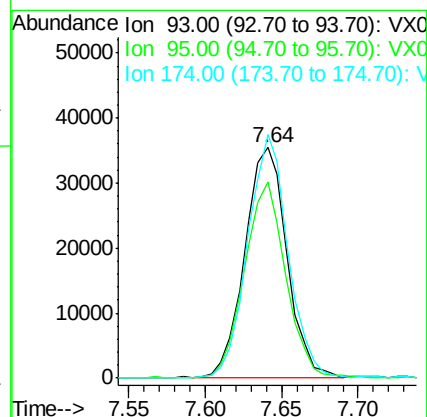
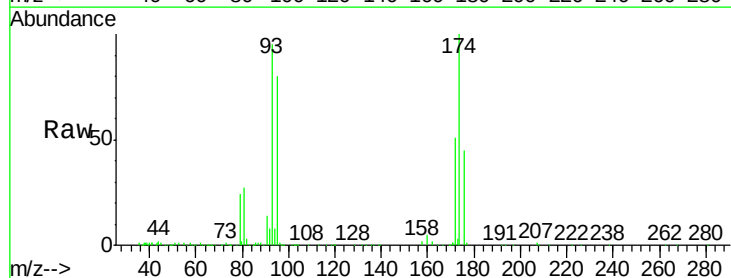
Tgt Ion: 93 Resp: 67936

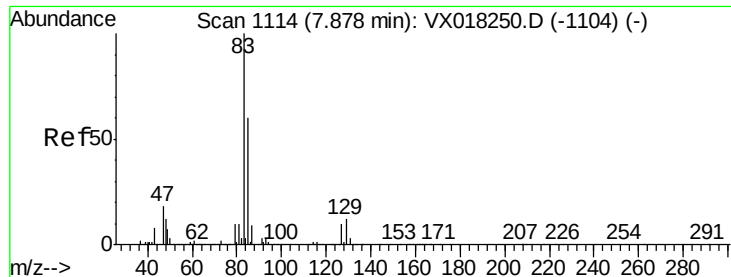
Ion Ratio Lower Upper

93 100

95 83.5 0.0 167.0

174 101.0 0.0 202.0





#41

Bromodichloromethane

Concen: 21.555 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

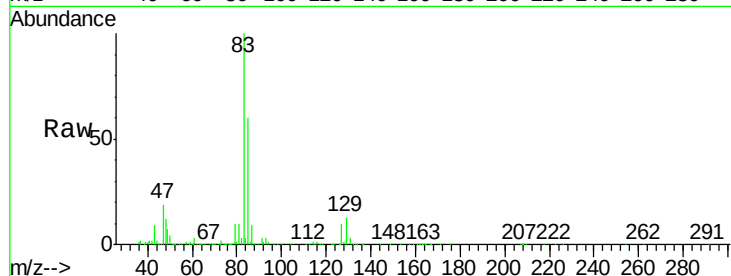
Tgt Ion: 83 Resp: 138636

Ion Ratio Lower Upper

83 100

85 60.2 48.2 72.2

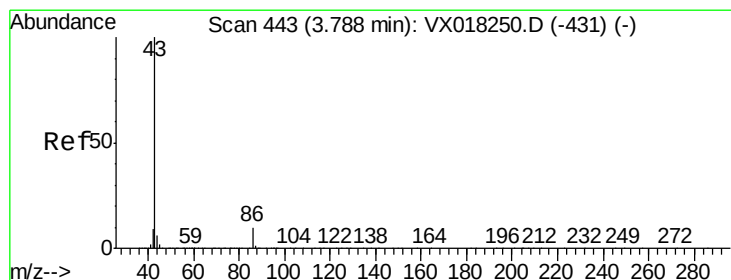
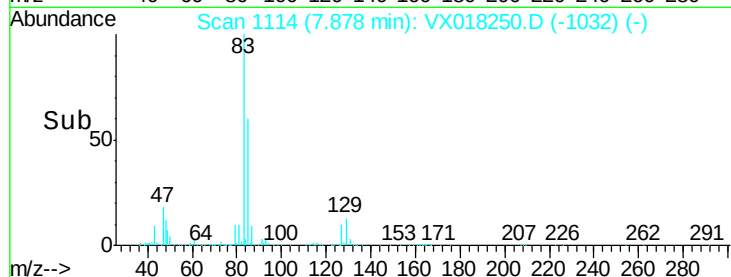
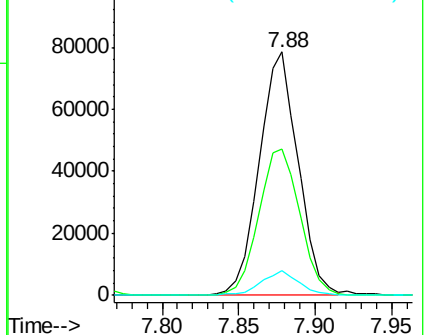
127 10.0 8.0 12.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 120.062 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018250.D

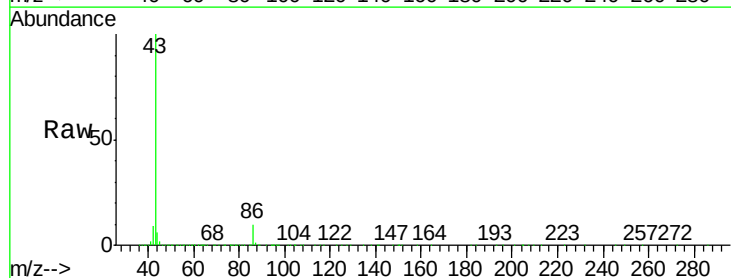
Acq: 04 Sep 2020 10:40

Tgt Ion: 43 Resp: 1247434

Ion Ratio Lower Upper

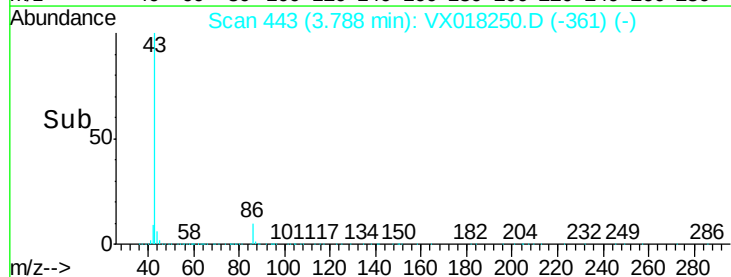
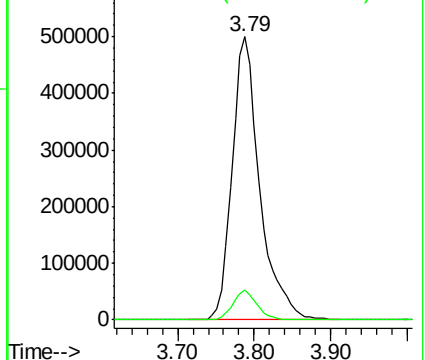
43 100

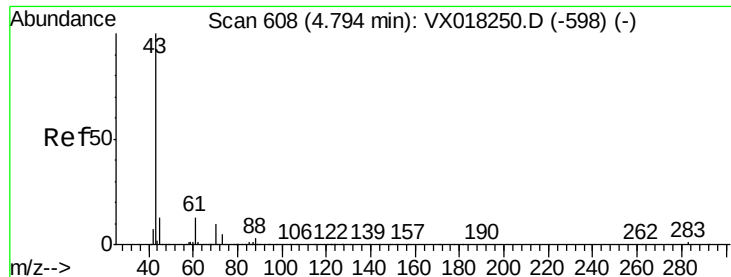
86 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

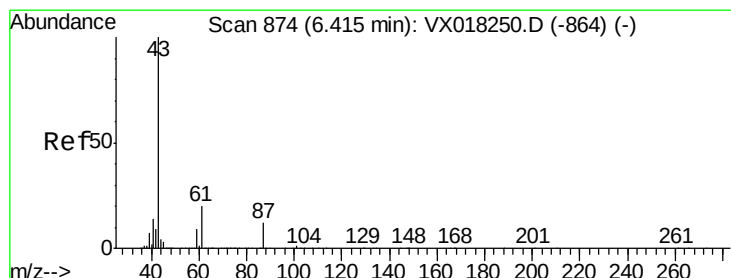
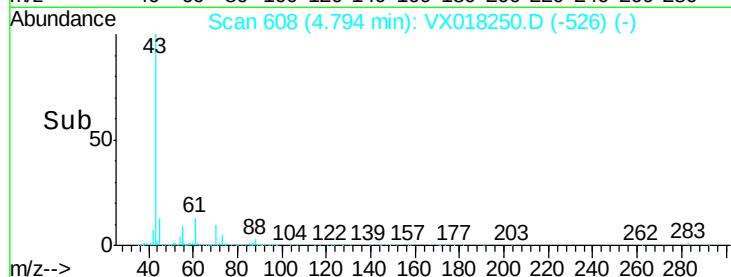
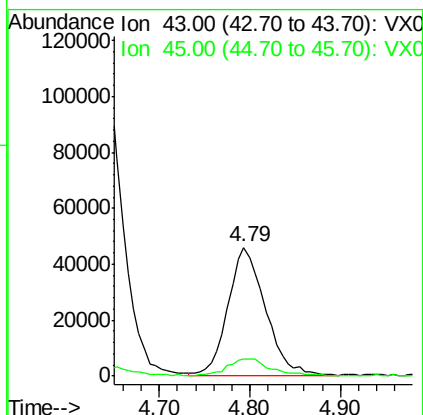
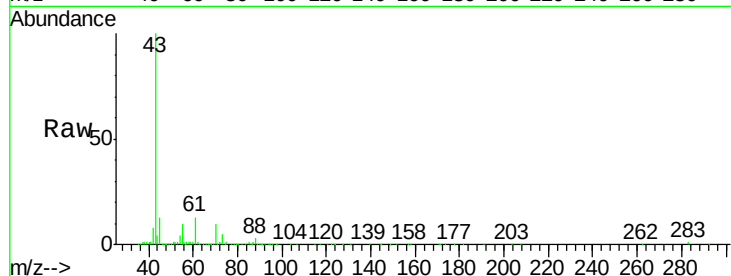




#43
Ethyl Acetate
Concen: 23.120 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

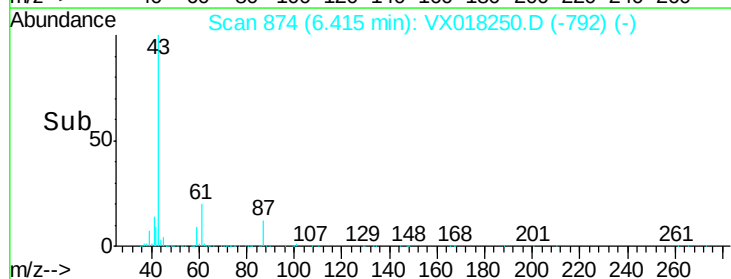
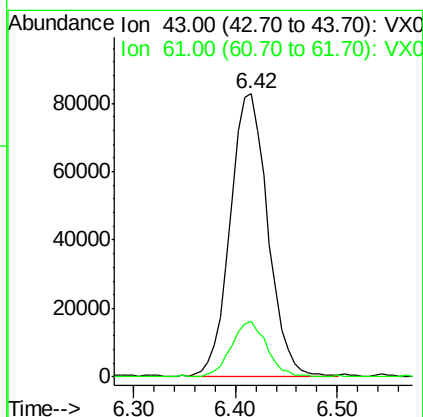
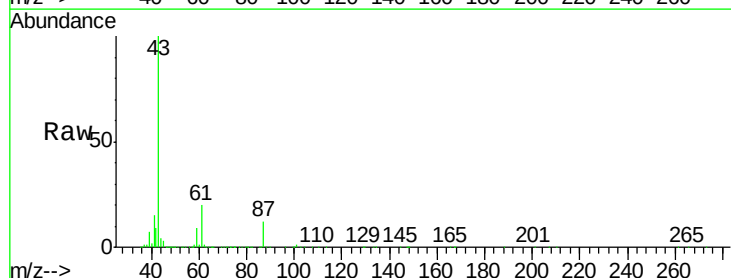
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

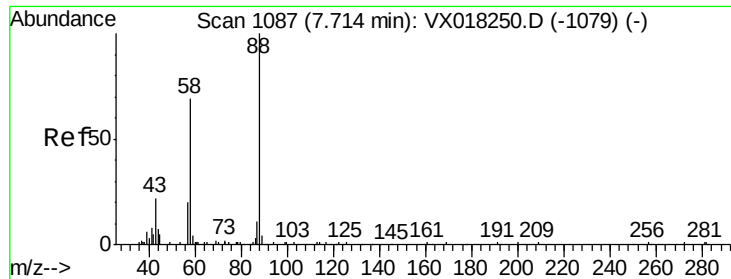
Tgt Ion: 43 Resp: 133055
Ion Ratio Lower Upper
43 100
45 14.0 11.2 16.8



#44
Isopropyl Acetate
Concen: 21.523 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion: 43 Resp: 211022
Ion Ratio Lower Upper
43 100
61 18.3 14.6 22.0

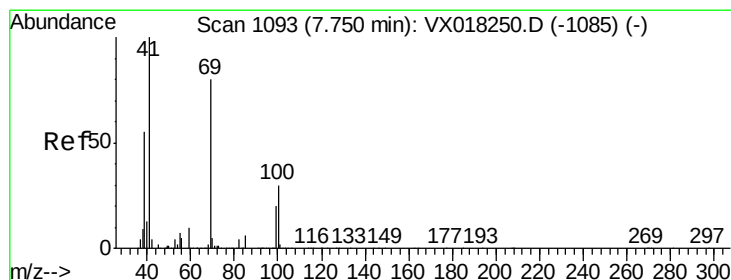
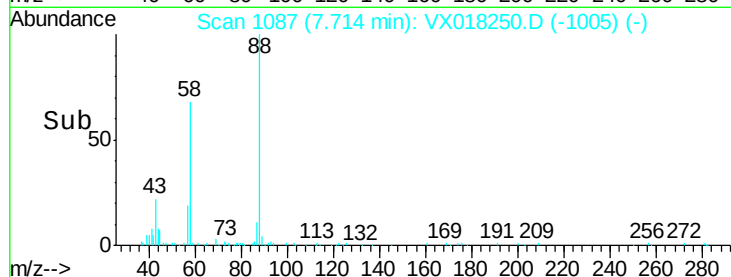
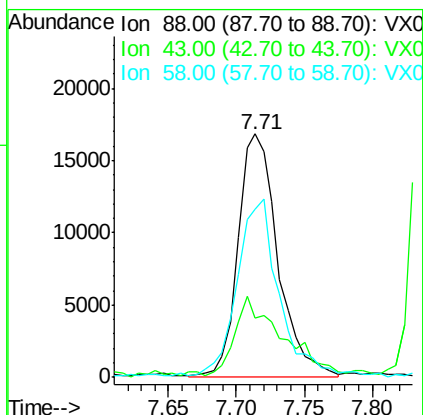
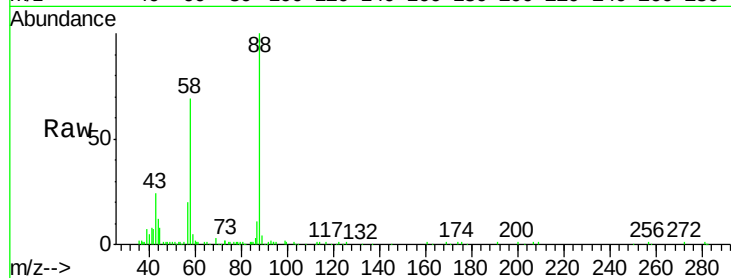




#45
 1,4-Dioxane
 Concen: 376.086 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

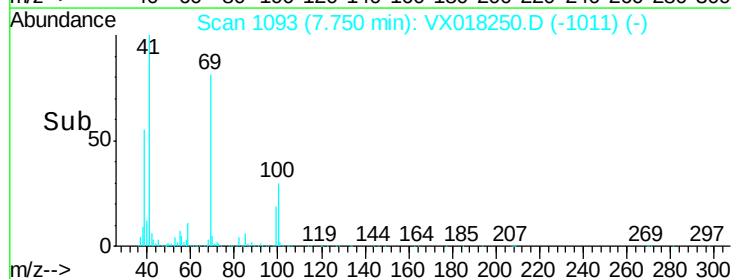
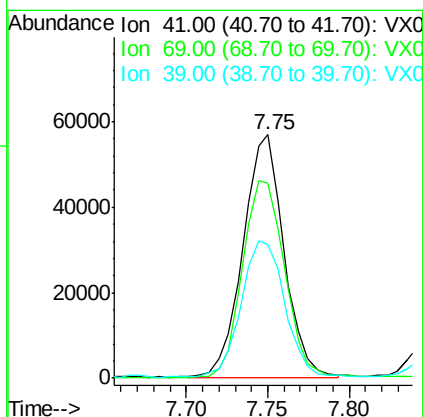
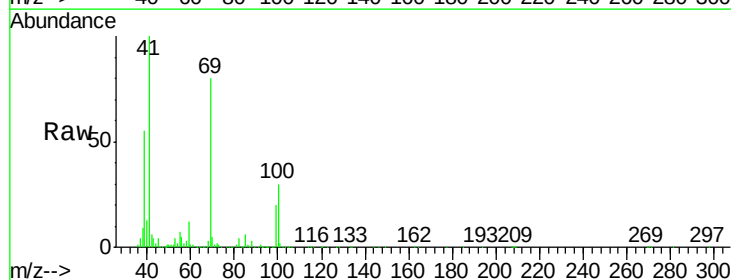
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

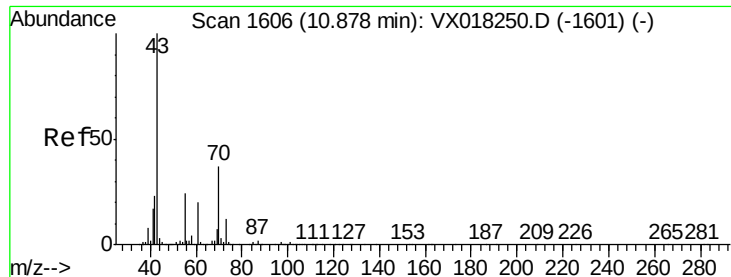
Tgt Ion: 88 Resp: 34270
 Ion Ratio Lower Upper
 88 100
 43 17.0 13.6 20.4
 58 72.8 58.2 87.4



#46
 Methyl methacrylate
 Concen: 20.661 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion: 41 Resp: 98820
 Ion Ratio Lower Upper
 41 100
 69 80.5 40.3 120.8
 39 54.6 27.3 81.9





#47

n-amyI Acetate

Concen: 21.710 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

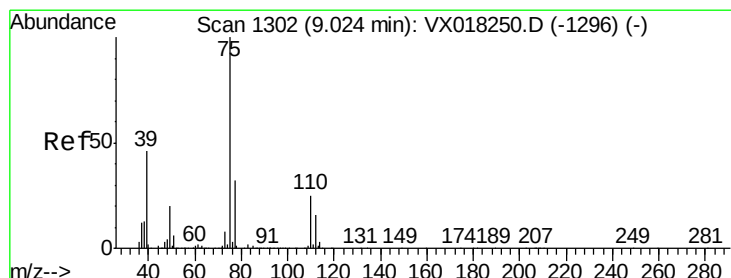
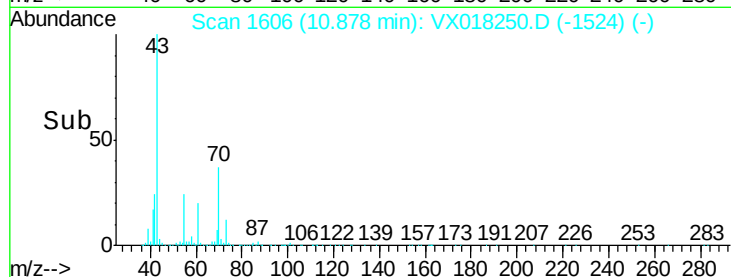
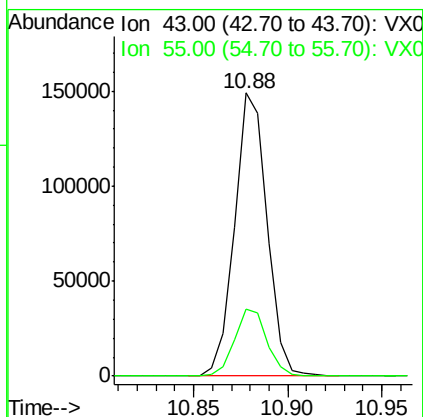
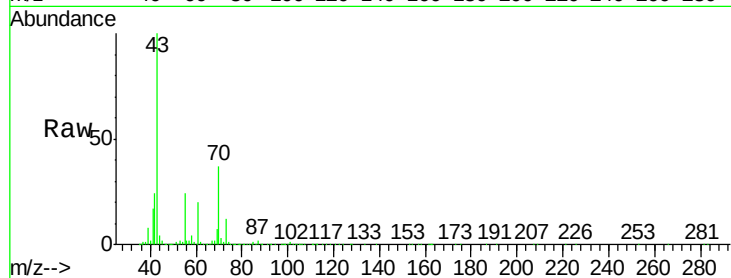
VSTDICCC020

Tgt Ion: 43 Resp: 176559

Ion Ratio Lower Upper

43 100

55 23.6 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 21.230 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018250.D

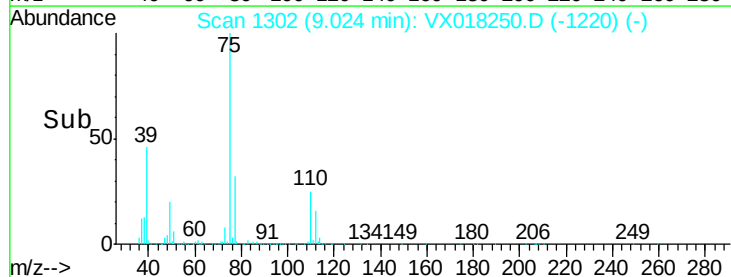
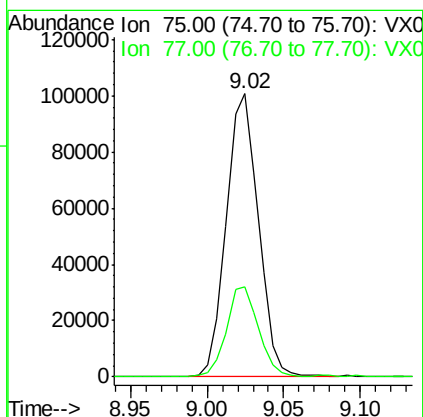
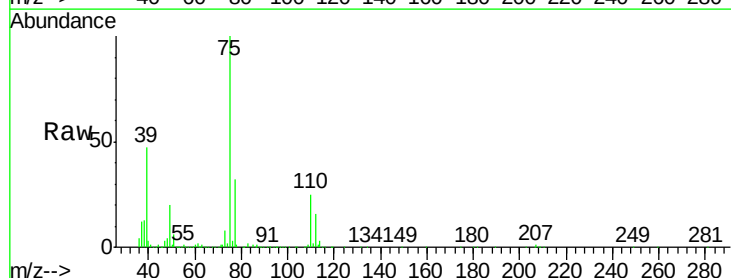
Acq: 04 Sep 2020 10:40

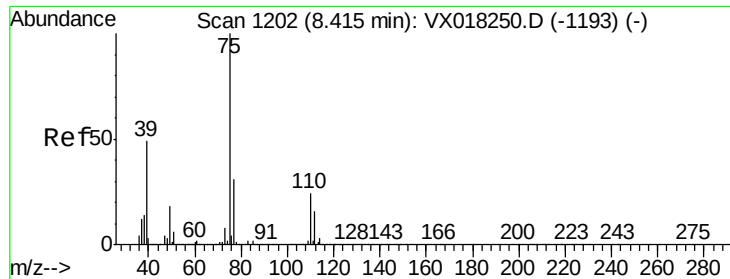
Tgt Ion: 75 Resp: 146359

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



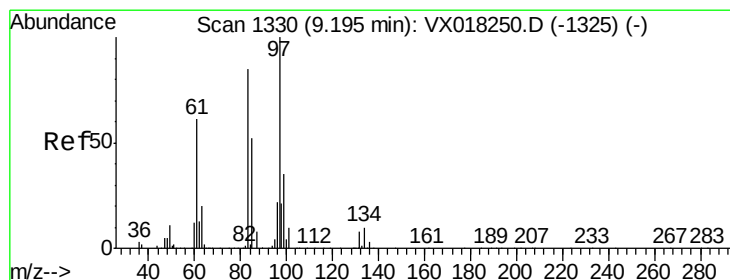
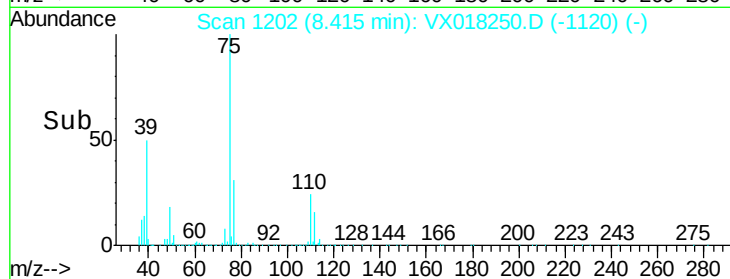
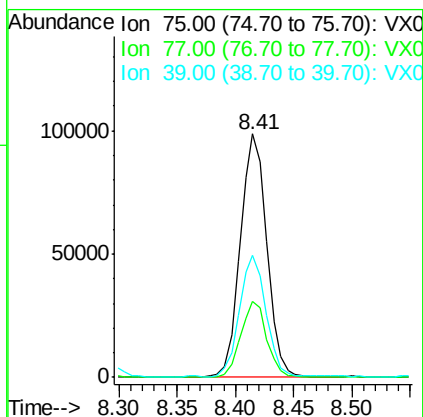
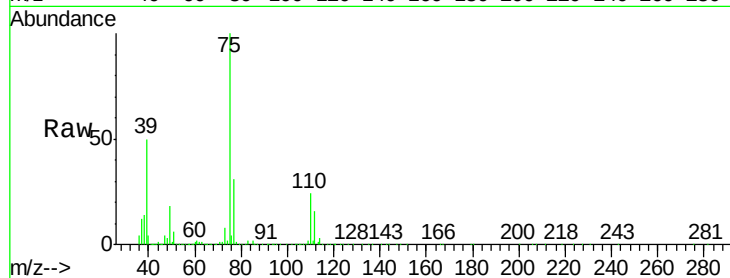


#49

cis-1,3-Dichloropropene
 Concen: 21.166 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

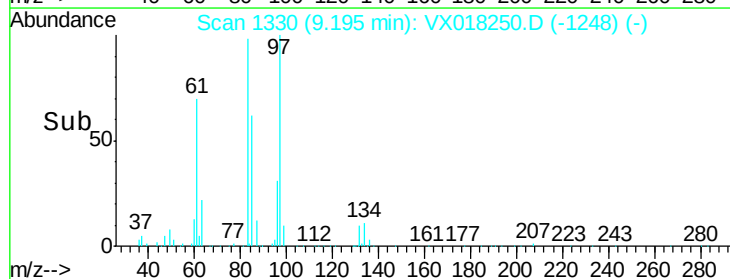
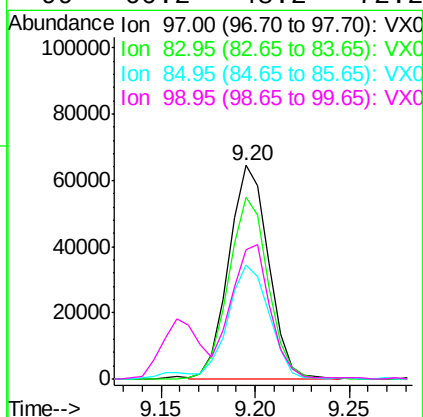
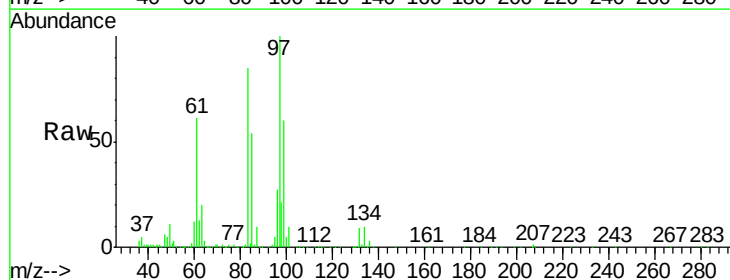
Tgt Ion:	75	Resp:	157383
Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	49.5	39.6	59.4

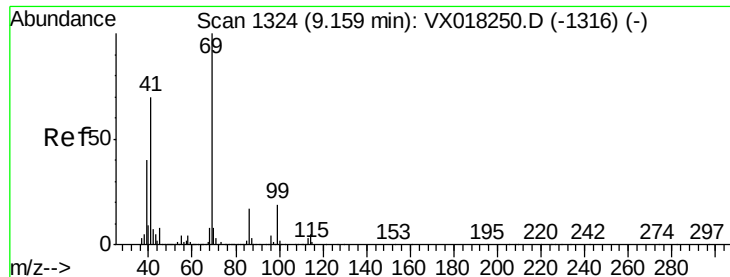


#50

1,1,2-Trichloroethane
 Concen: 22.687 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion:	97	Resp:	94510
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	53.3	42.6	64.0
99	60.2	48.2	72.2





#51

Ethyl methacrylate

Concen: 21.146 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

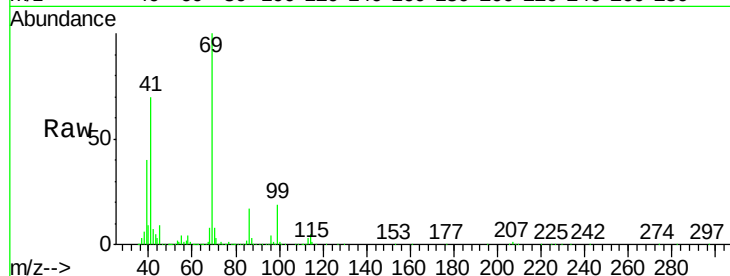
Tgt Ion: 69 Resp: 129263

Ion Ratio Lower Upper

69 100

41 69.8 34.9 104.7

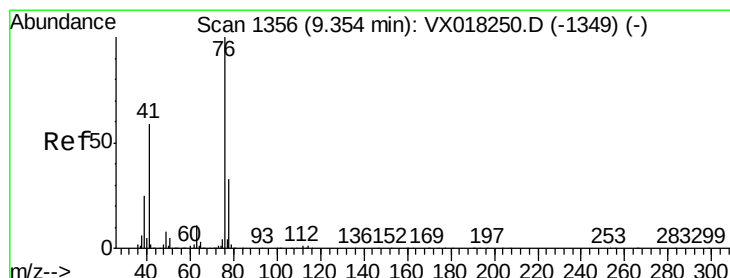
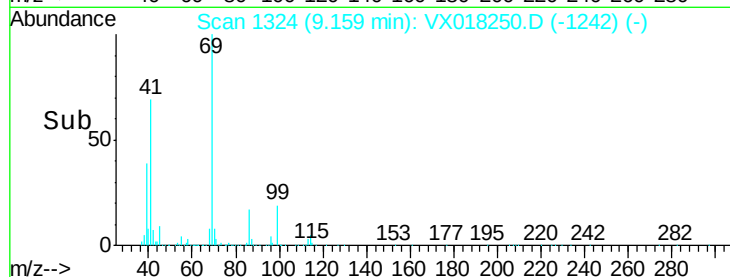
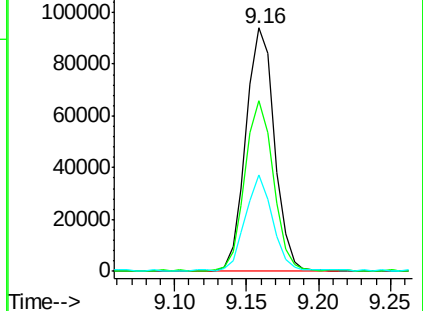
39 39.5 19.8 59.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 22.557 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018250.D

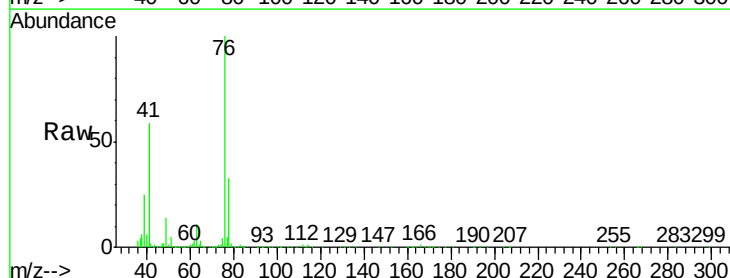
Acq: 04 Sep 2020 10:40

Tgt Ion: 76 Resp: 155302

Ion Ratio Lower Upper

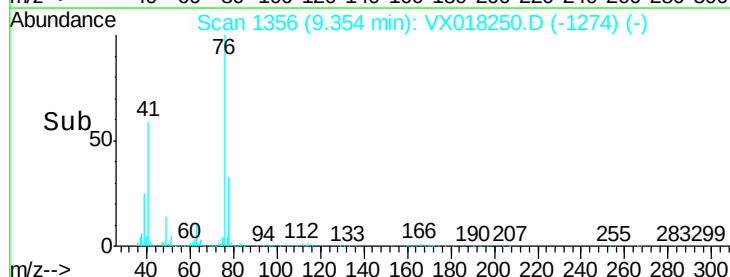
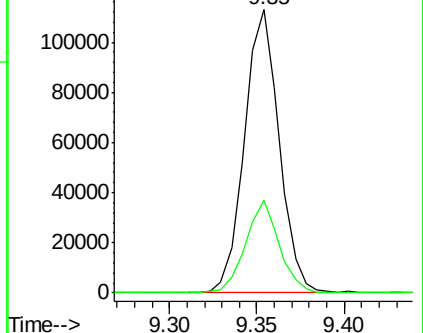
76 100

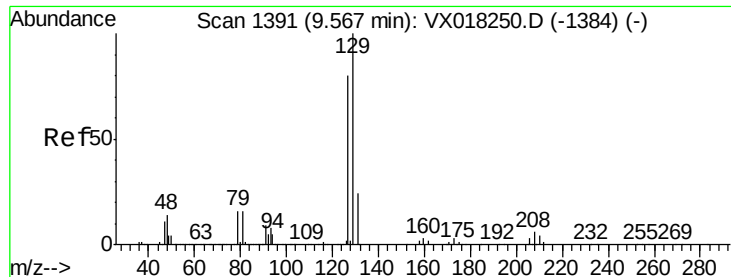
78 31.1 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 21.173 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

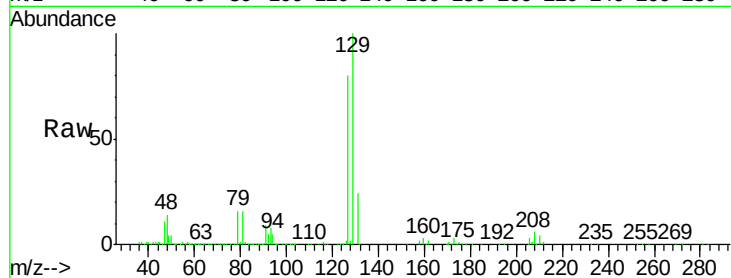
VSTDICCC020

Tgt Ion:129 Resp: 112736

Ion Ratio Lower Upper

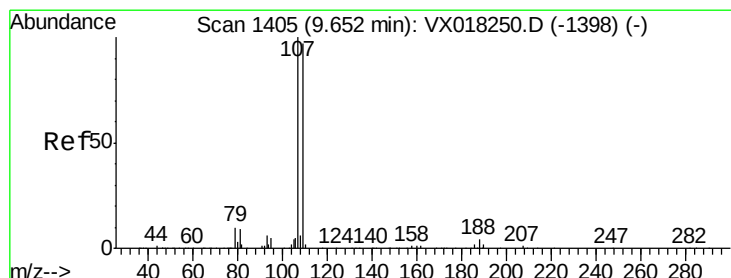
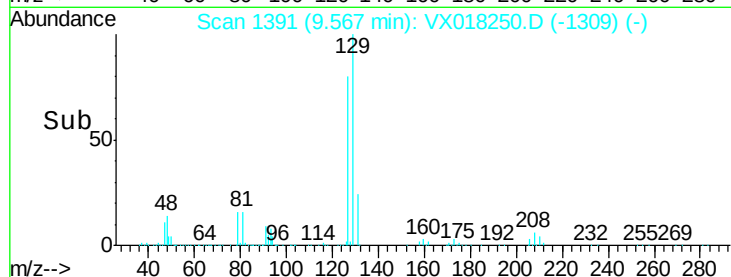
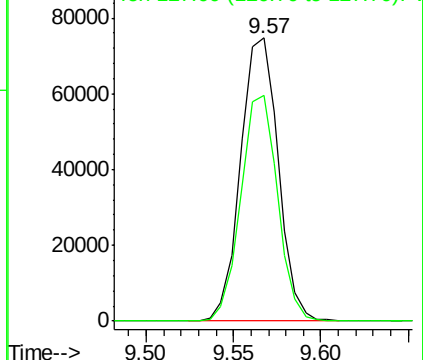
129 100

127 77.7 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.969 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018250.D

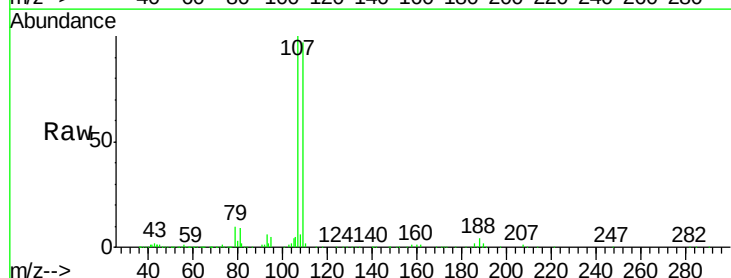
Acq: 04 Sep 2020 10:40

Tgt Ion:107 Resp: 100959

Ion Ratio Lower Upper

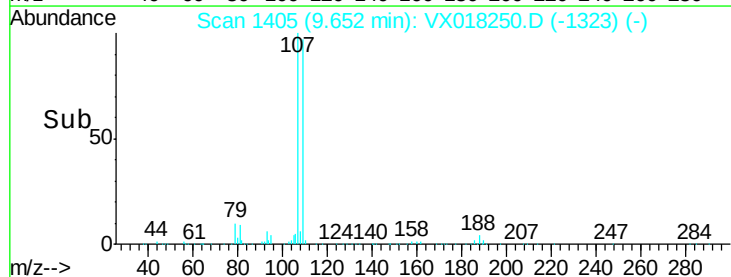
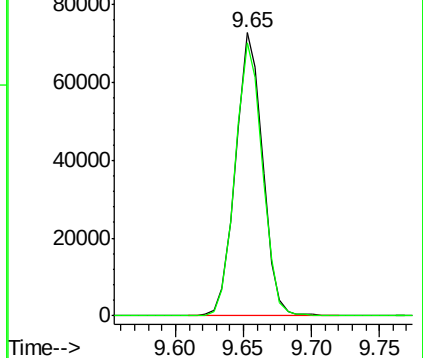
107 100

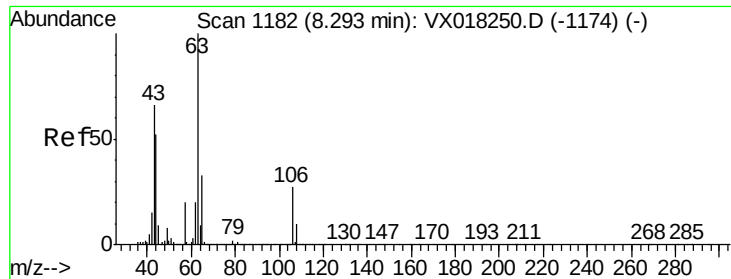
109 97.2 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 105.601 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

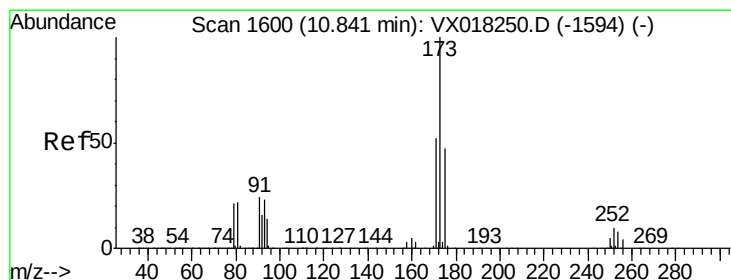
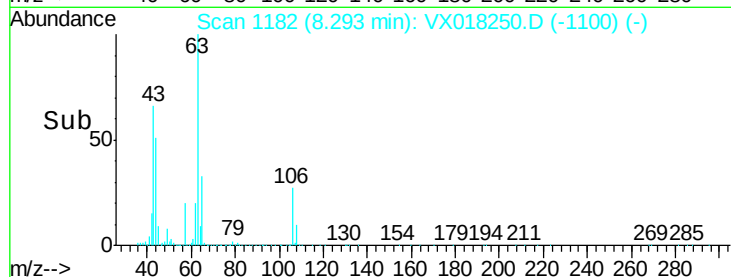
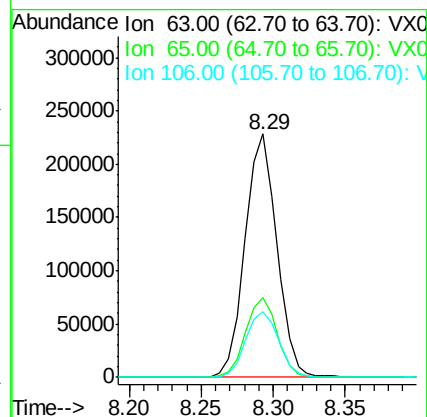
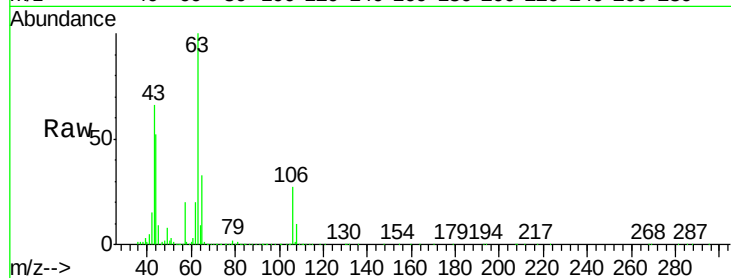
Tgt Ion: 63 Resp: 349378

Ion Ratio Lower Upper

63 100

65 32.5 26.0 39.0

106 27.9 22.3 33.5



#56

Bromoform

Concen: 20.950 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

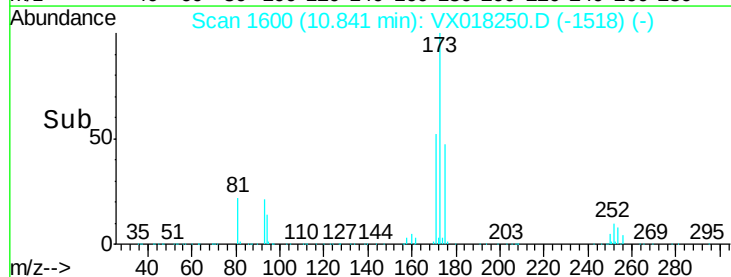
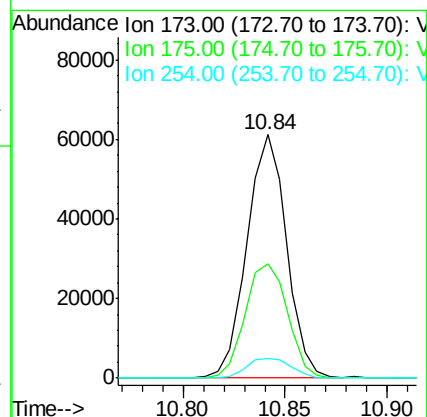
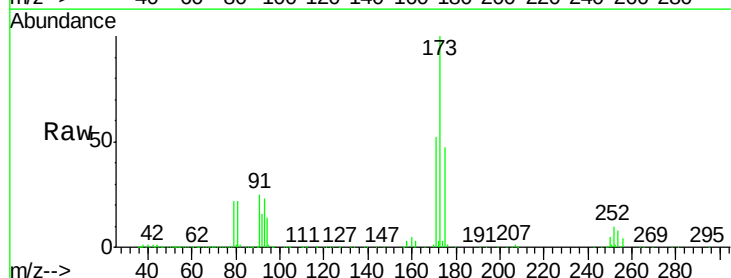
Tgt Ion: 173 Resp: 82743

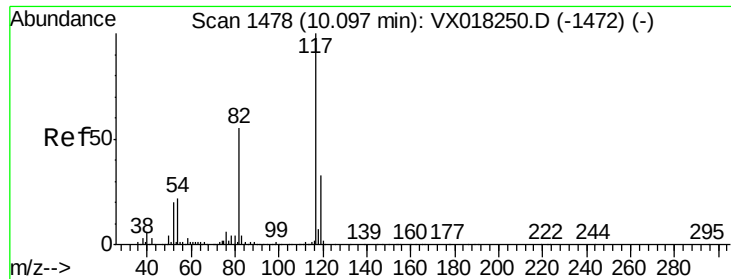
Ion Ratio Lower Upper

173 100

175 50.2 40.2 60.2

254 9.1 7.3 10.9

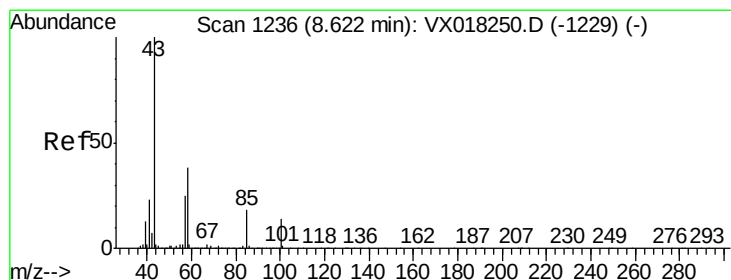
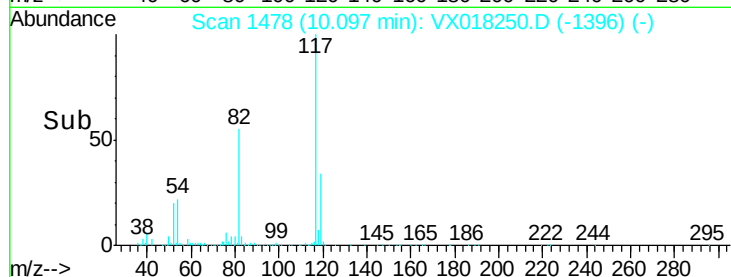
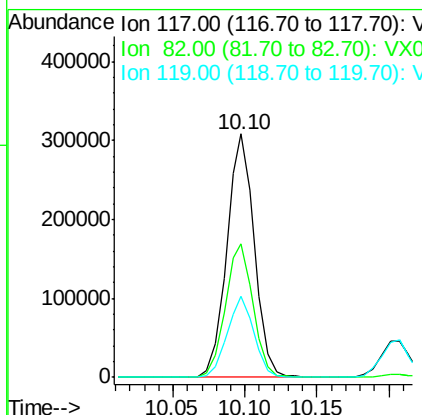
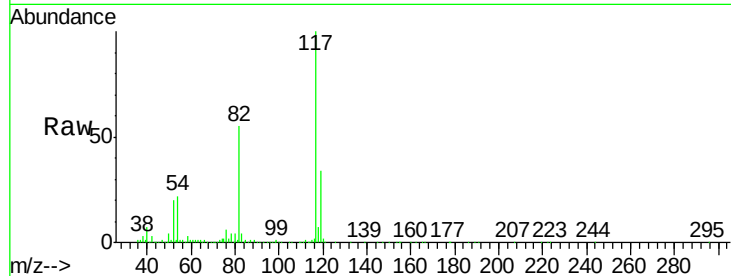




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

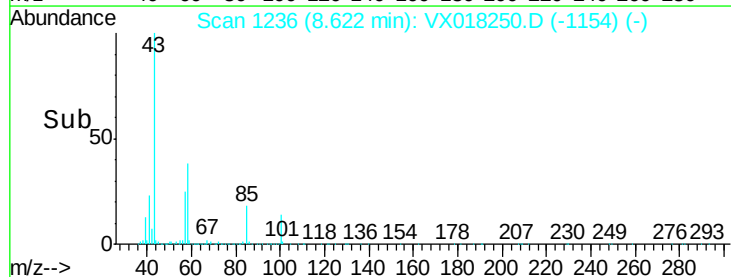
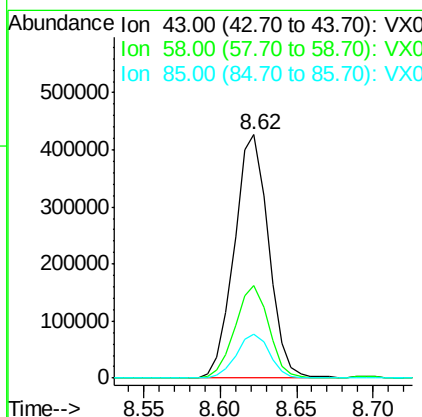
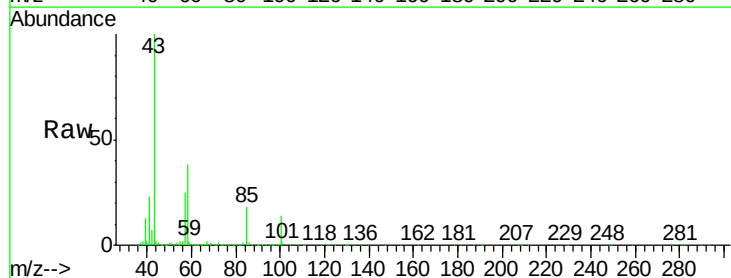
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

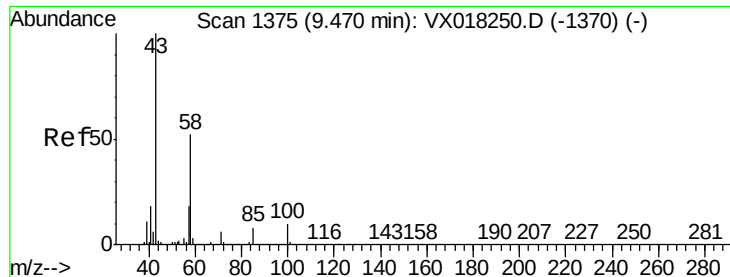
Tgt Ion: 117 Resp: 411406
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 32.6 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 109.814 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion: 43 Resp: 662526
Ion Ratio Lower Upper
43 100
58 37.5 30.0 45.0
85 17.8 14.2 21.4

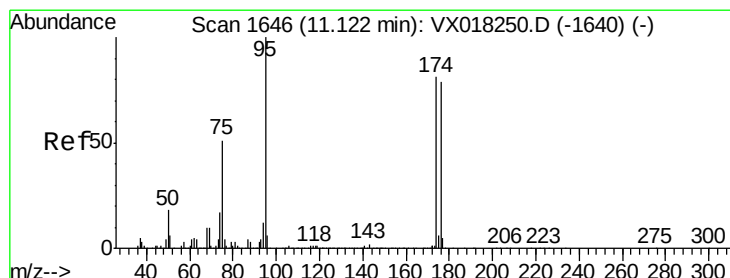
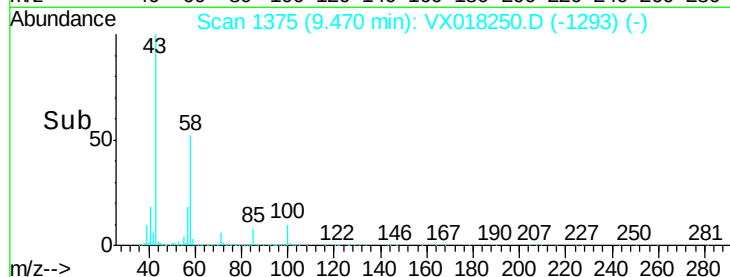
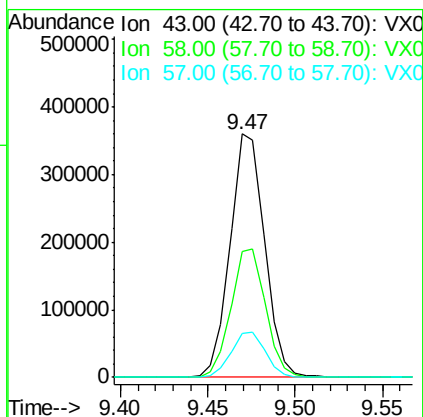
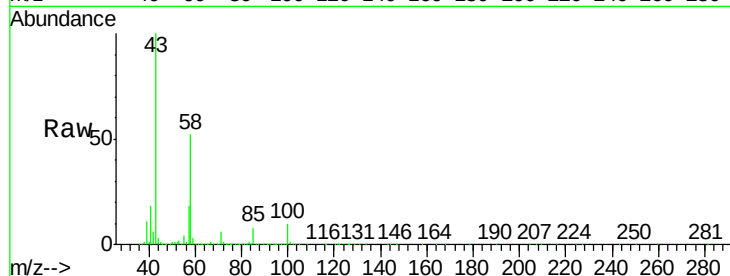




#59
2-Hexanone
Concen: 113.461 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

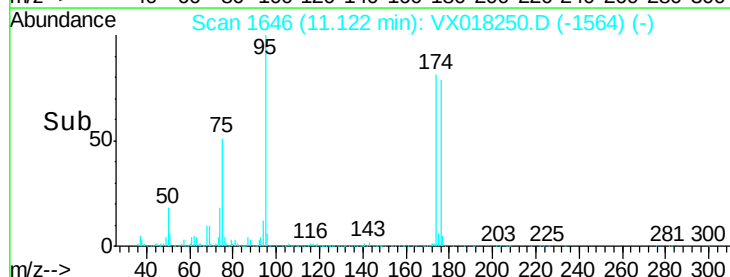
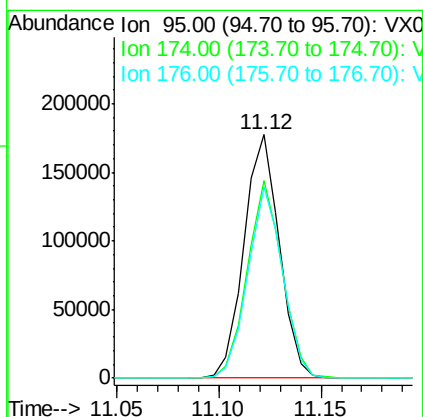
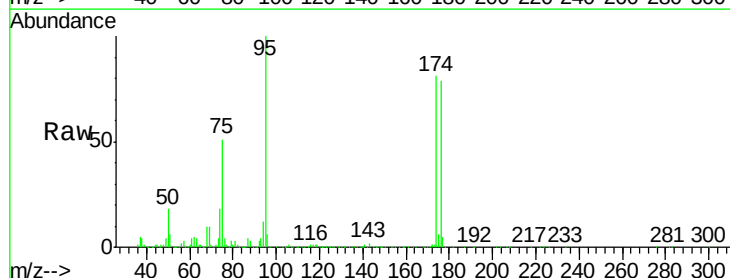
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

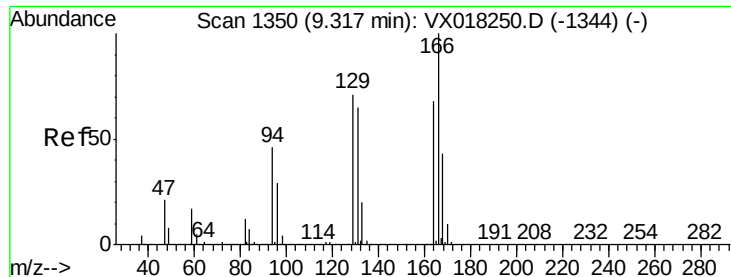
Tgt Ion: 43 Resp: 495861
Ion Ratio Lower Upper
43 100
58 53.1 42.5 63.7
57 18.5 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 30.825 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion: 95 Resp: 213778
Ion Ratio Lower Upper
95 100
174 80.3 64.2 96.4
176 77.8 62.2 93.4





#61

Tetrachloroethene

Concen: 20.943 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 96394

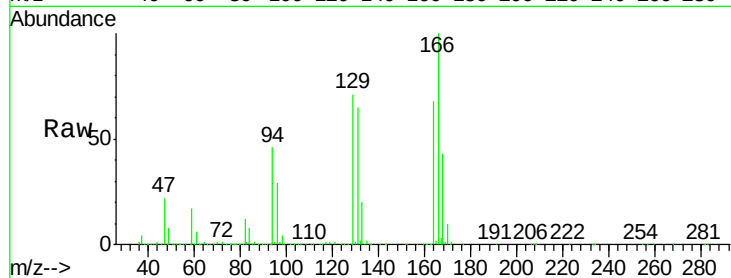
Ion Ratio Lower Upper

164 100

166 146.7 117.4 176.0

129 103.4 82.7 124.1

131 95.9 76.7 115.1

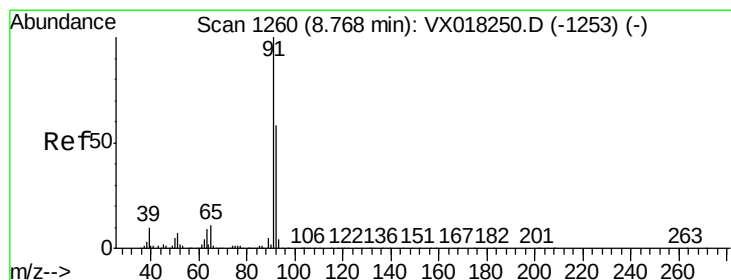
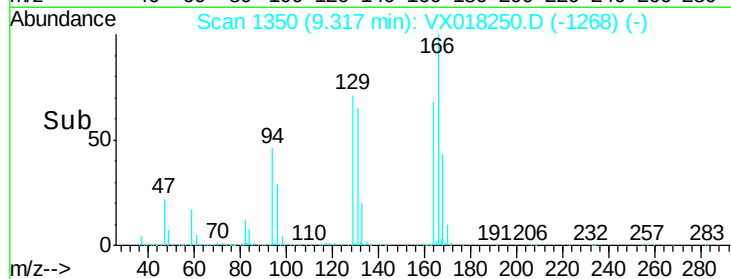
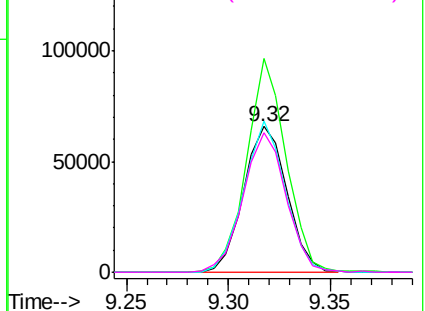


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 22.508 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018250.D

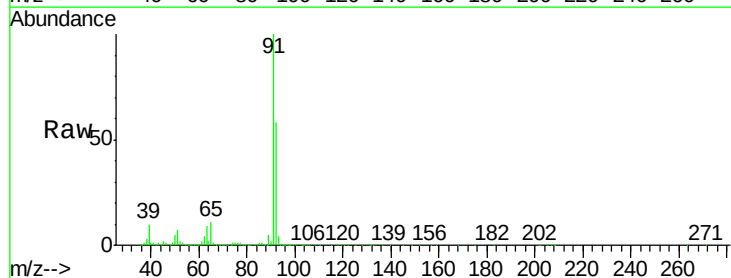
Acq: 04 Sep 2020 10:40

Tgt Ion: 91 Resp: 383873

Ion Ratio Lower Upper

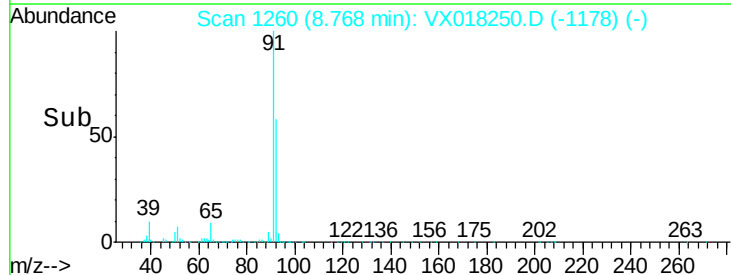
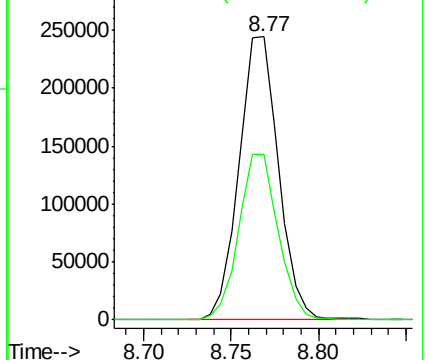
91 100

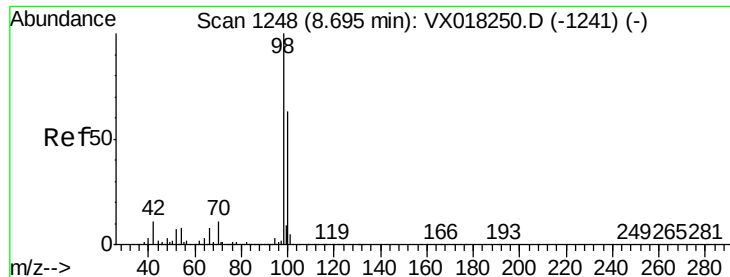
92 58.6 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.011 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

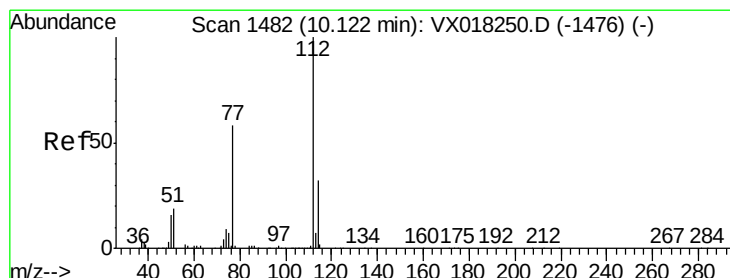
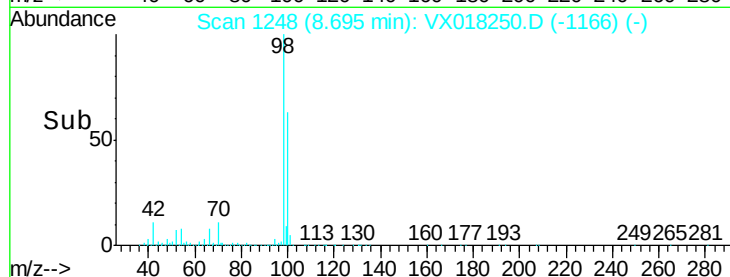
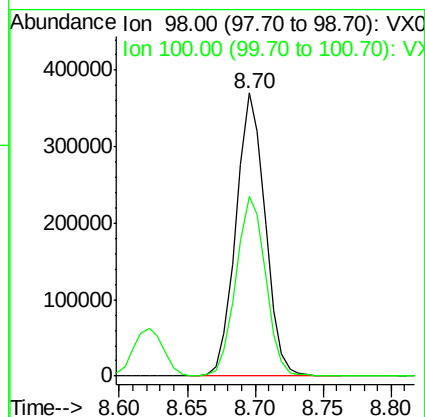
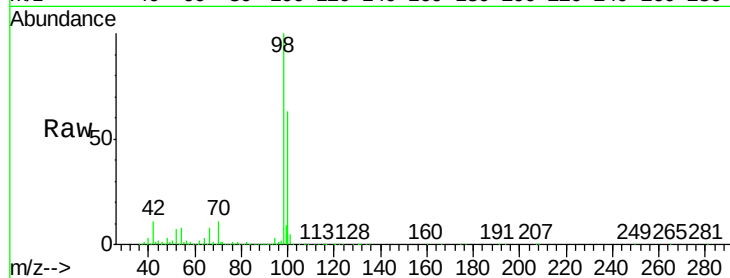
VSTDICCC020

Tgt Ion: 98 Resp: 554413

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#64

Chlorobenzene

Concen: 21.823 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018250.D

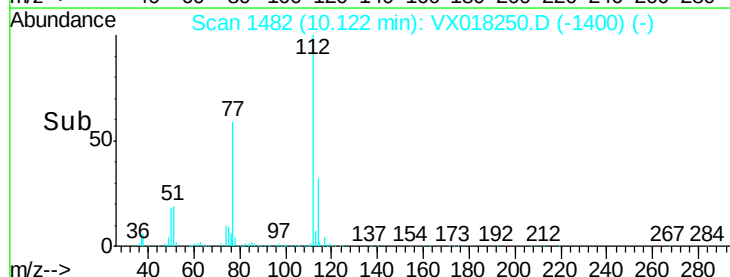
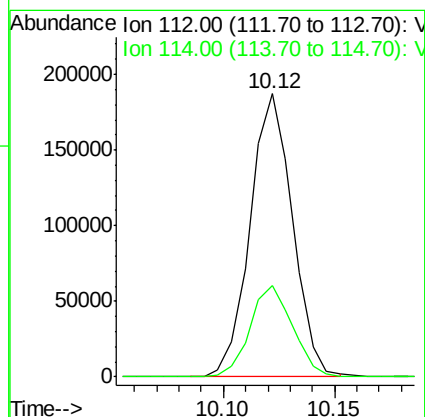
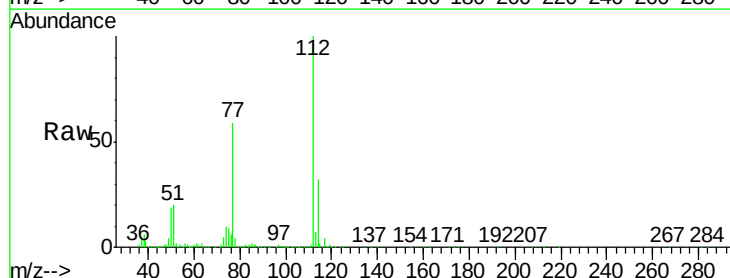
Acq: 04 Sep 2020 10:40

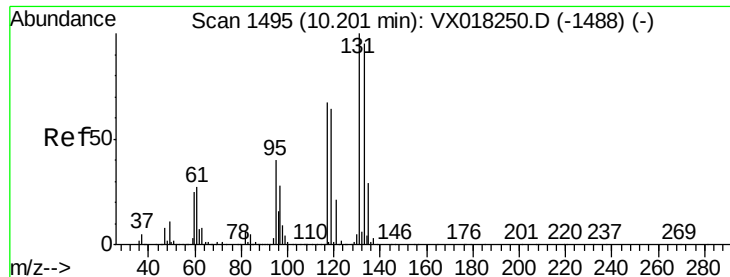
Tgt Ion: 112 Resp: 248569

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 21.179 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

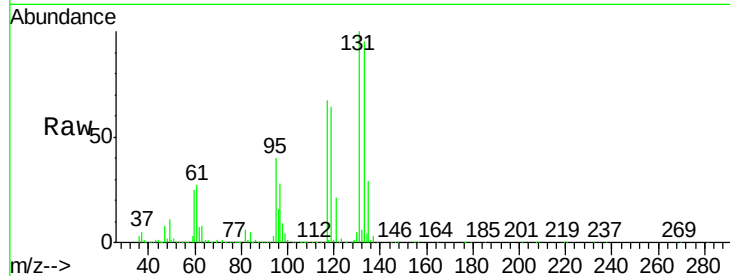
Tgt Ion:131 Resp: 98618

Ion Ratio Lower Upper

131 100

133 98.6 0.0 197.2

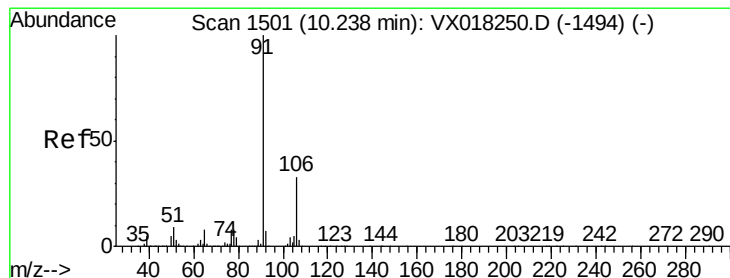
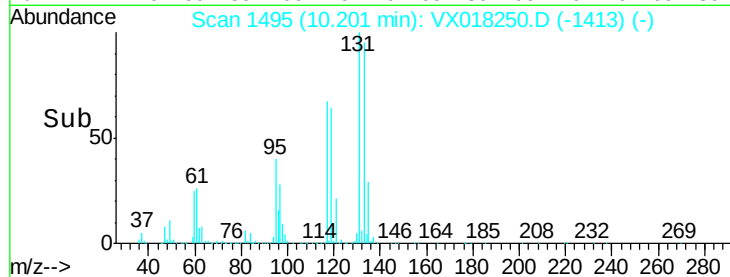
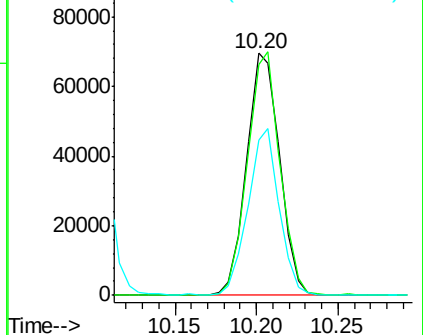
119 64.9 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 22.019 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018250.D

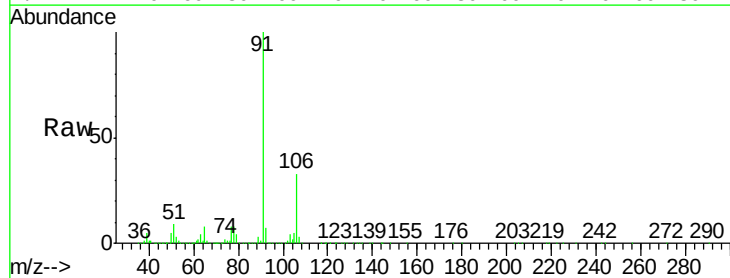
Acq: 04 Sep 2020 10:40

Tgt Ion: 91 Resp: 417597

Ion Ratio Lower Upper

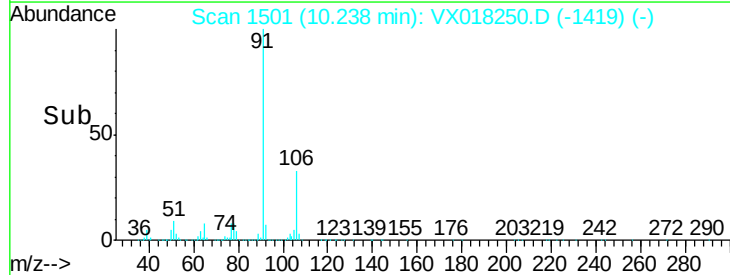
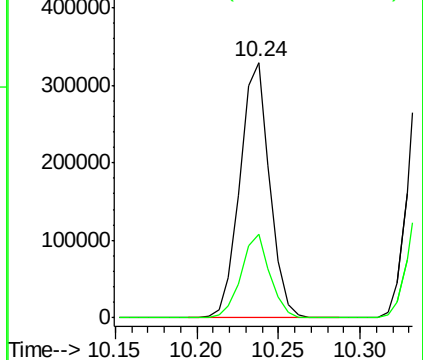
91 100

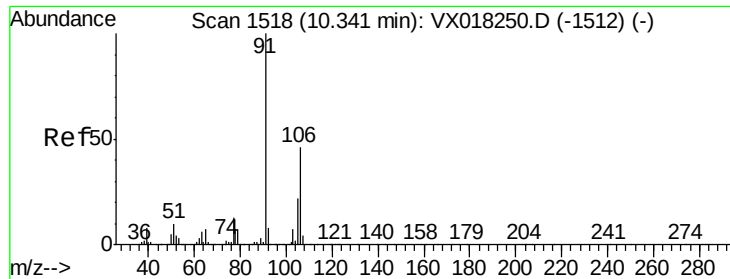
106 32.9 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

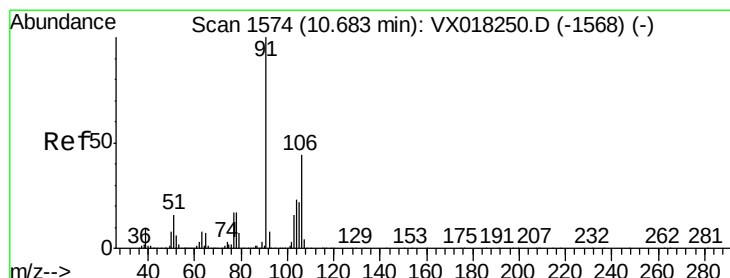
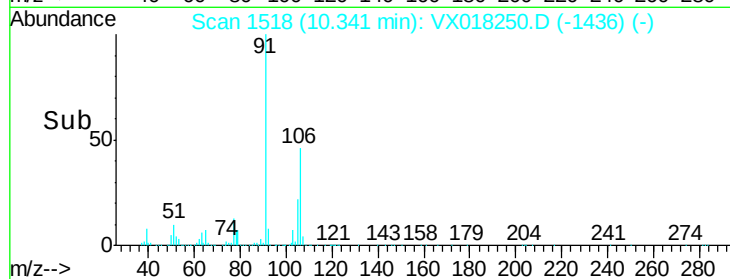
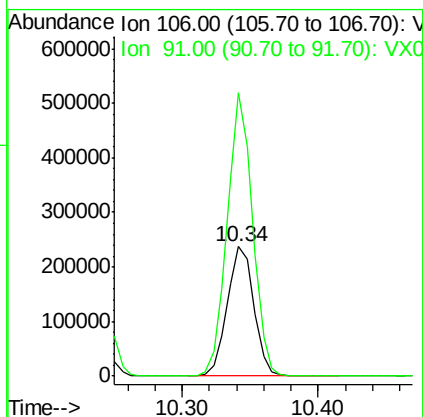
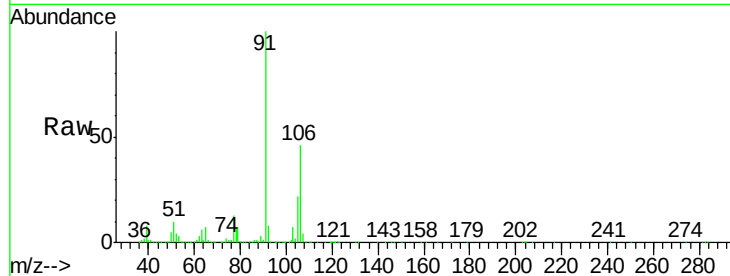




#67
m/p-Xylenes
Concen: 45.151 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

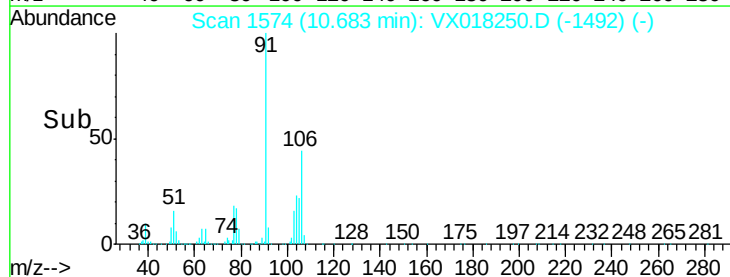
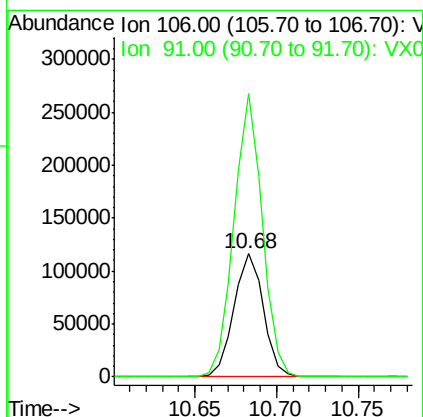
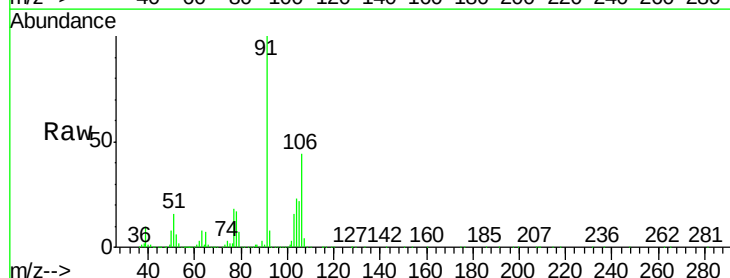
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

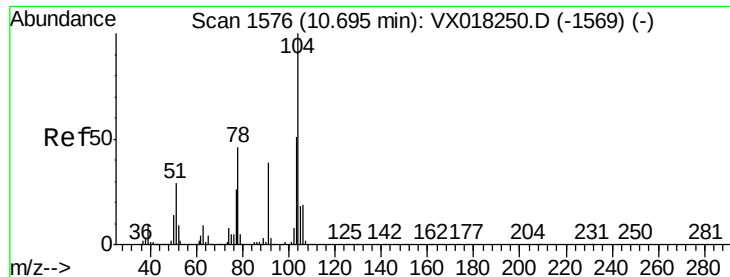
Tgt Ion:106 Resp: 322256
Ion Ratio Lower Upper
106 100
91 207.7 166.2 249.2



#68
o-Xylene
Concen: 21.188 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion:106 Resp: 147436
Ion Ratio Lower Upper
106 100
91 218.4 109.2 327.6





#69

Styrene

Concen: 21.492 ug/l

RT: 10.69 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

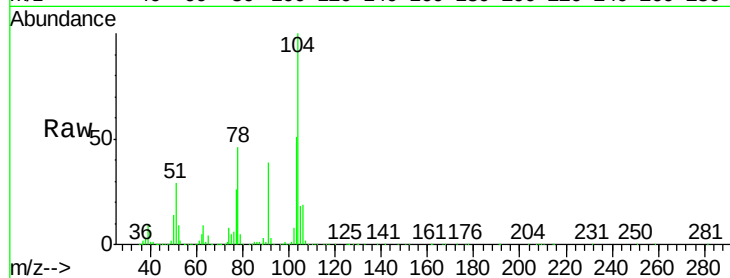
Tgt Ion:104 Resp: 262066

Ion Ratio Lower Upper

104 100

78 52.1 41.7 62.5

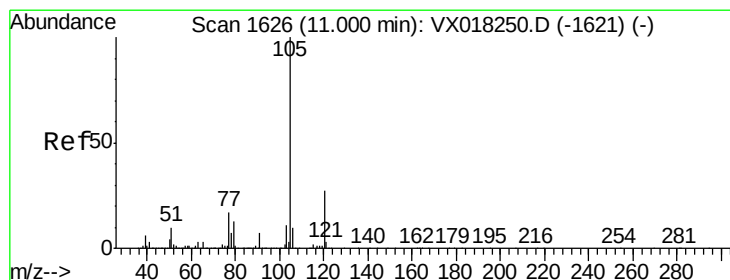
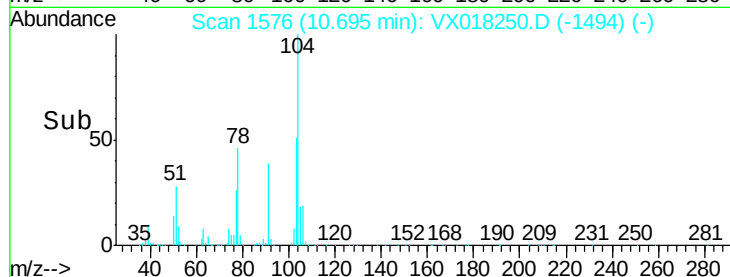
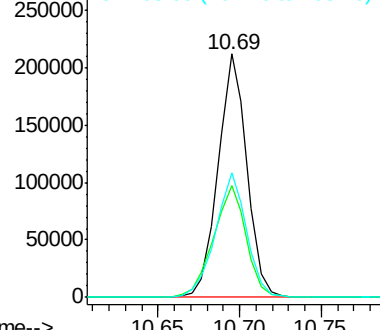
103 55.2 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 20.893 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018250.D

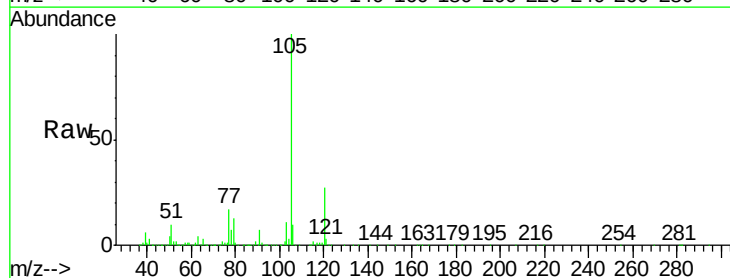
Acq: 04 Sep 2020 10:40

Tgt Ion:105 Resp: 420083

Ion Ratio Lower Upper

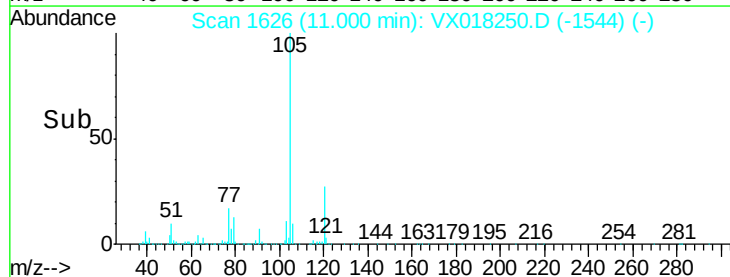
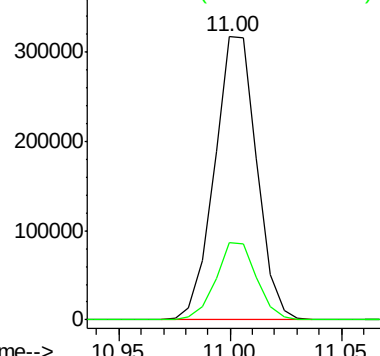
105 100

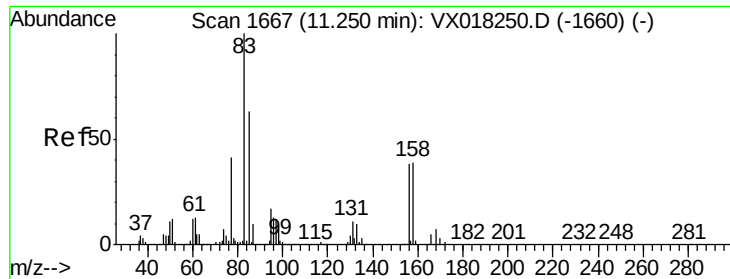
120 26.7 18.7 34.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

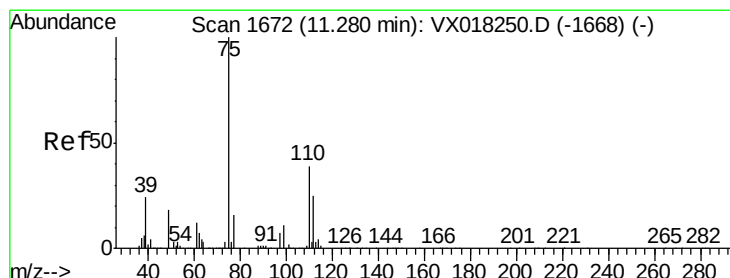
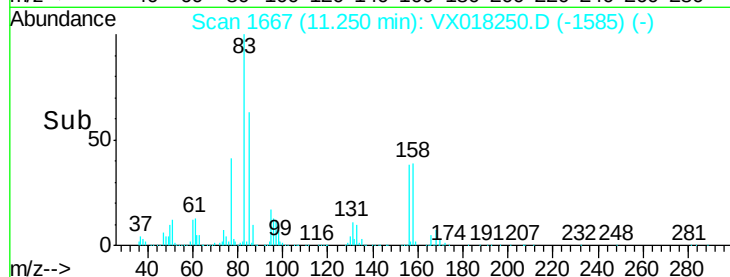
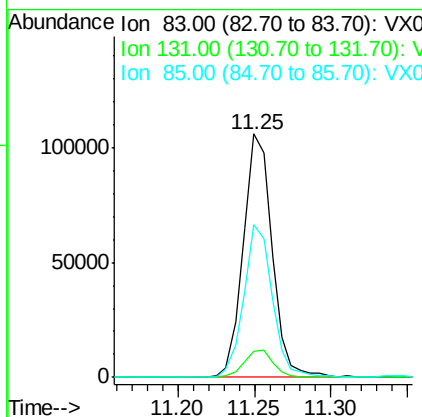
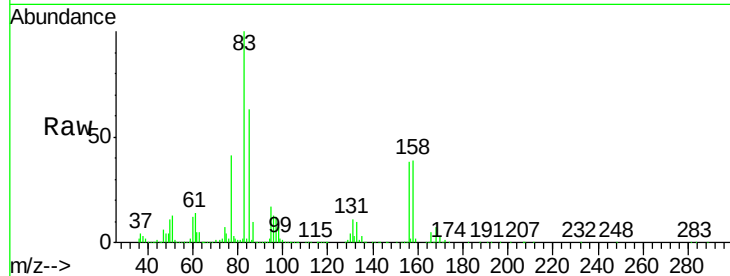




#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.646 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

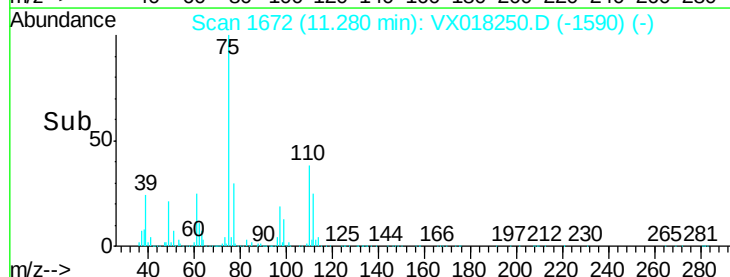
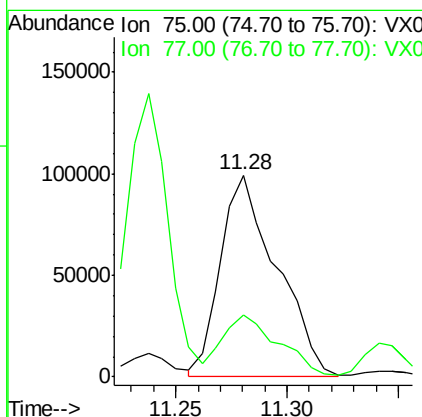
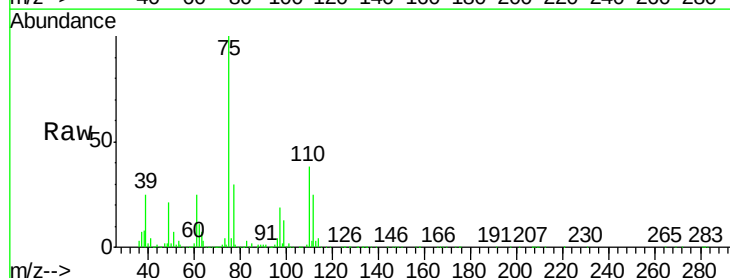
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

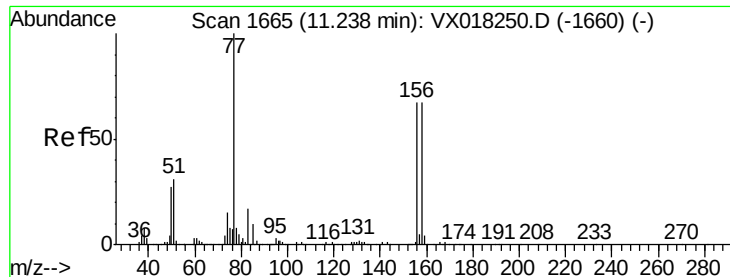
Tgt Ion: 83 Resp: 139130
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.8 17.3
 85 62.6 31.3 93.9



#72
 1,2,3-Trichloropropane
 Concen: 30.023 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion: 75 Resp: 174536
 Ion Ratio Lower Upper
 75 100
 77 29.0 0.0 74.8





#73

Bromobenzene

Concen: 21.657 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

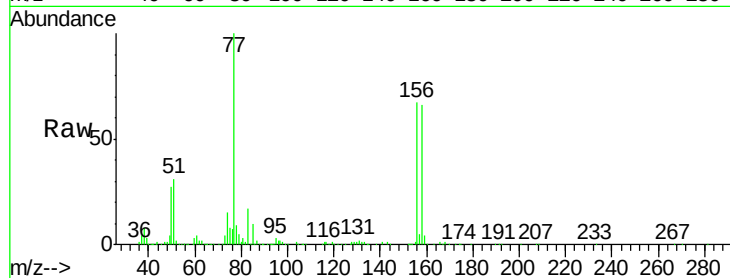
Tgt Ion: 156 Resp: 115885

Ion Ratio Lower Upper

156 100

77 155.5 0.0 311.0

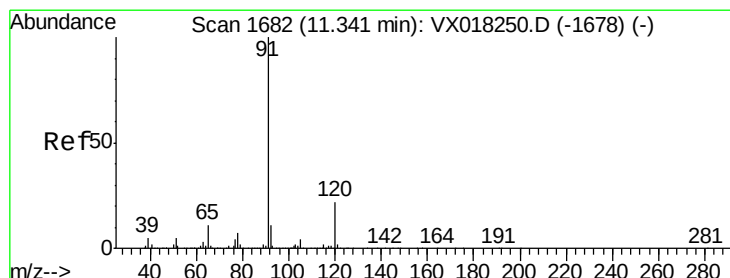
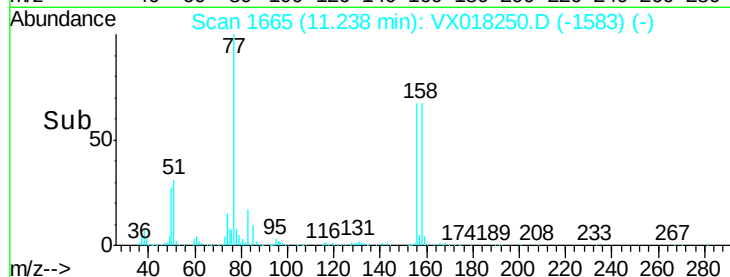
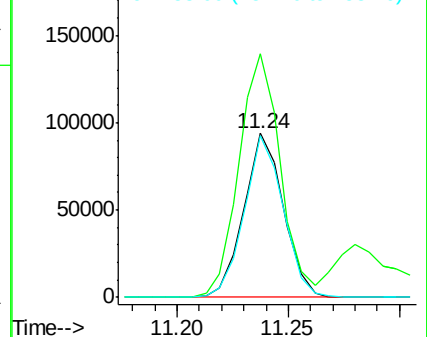
158 97.2 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.351 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018250.D

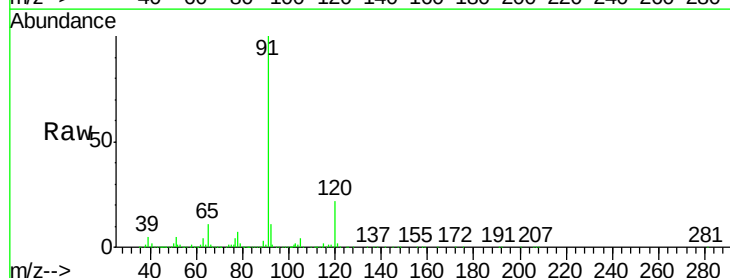
Acq: 04 Sep 2020 10:40

Tgt Ion: 91 Resp: 493887

Ion Ratio Lower Upper

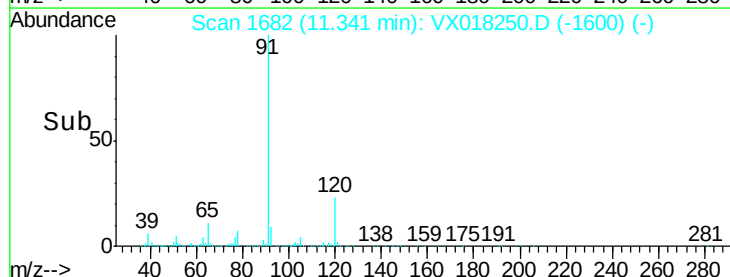
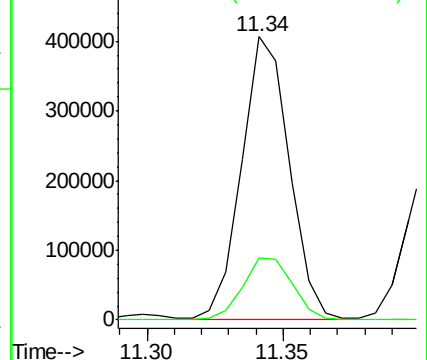
91 100

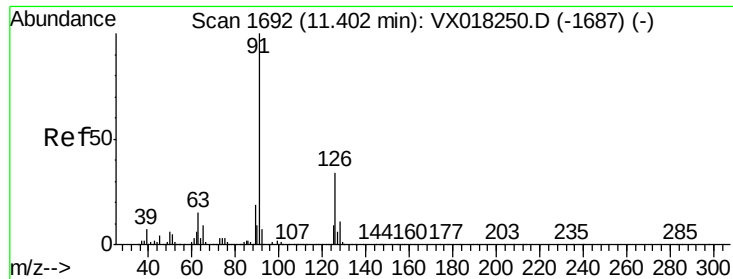
120 22.7 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.517 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

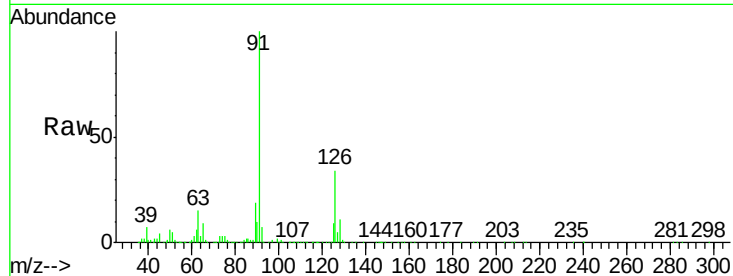
VSTDICCC020

Tgt Ion: 91 Resp: 301651

Ion Ratio Lower Upper

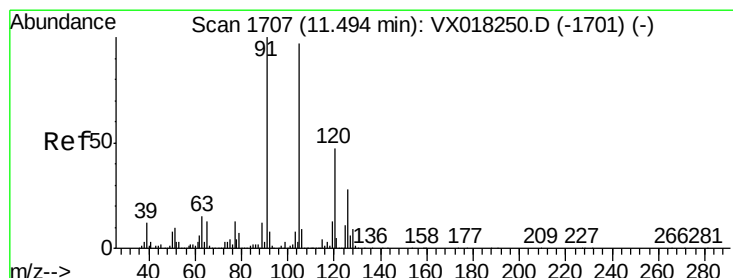
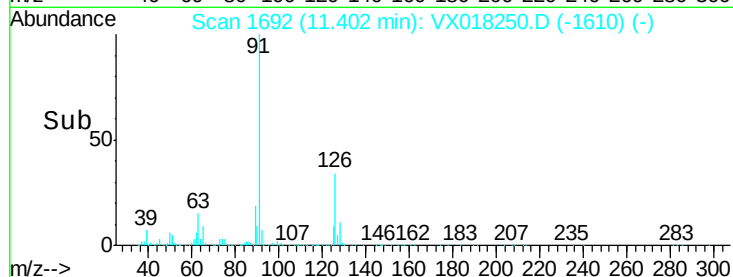
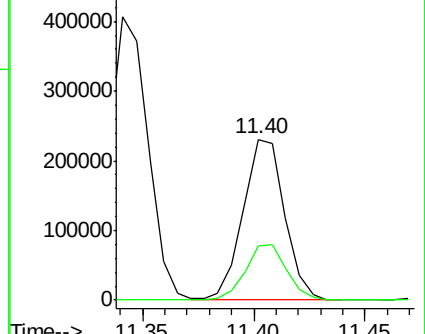
91 100

126 34.2 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 21.391 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018250.D

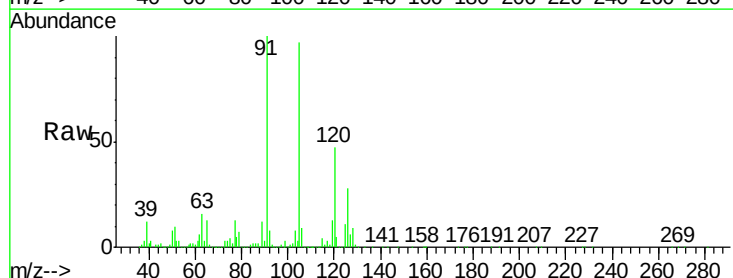
Acq: 04 Sep 2020 10:40

Tgt Ion: 105 Resp: 363366

Ion Ratio Lower Upper

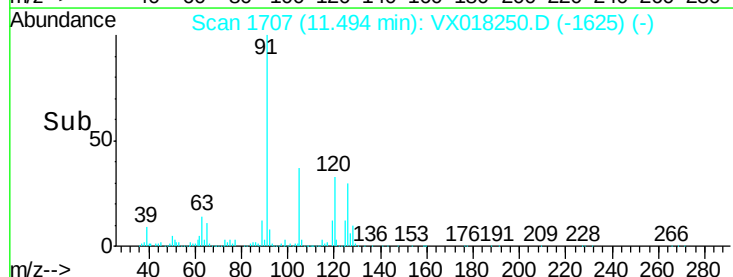
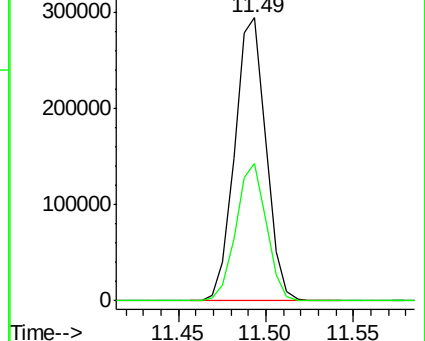
105 100

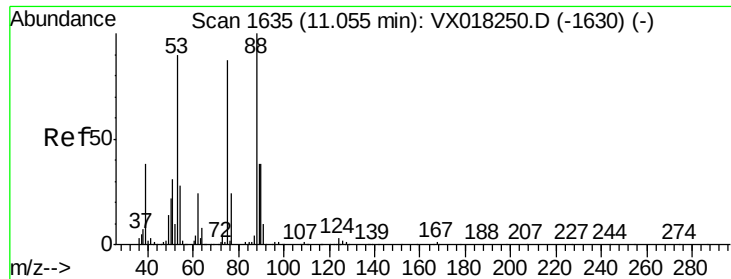
120 47.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 21.689 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

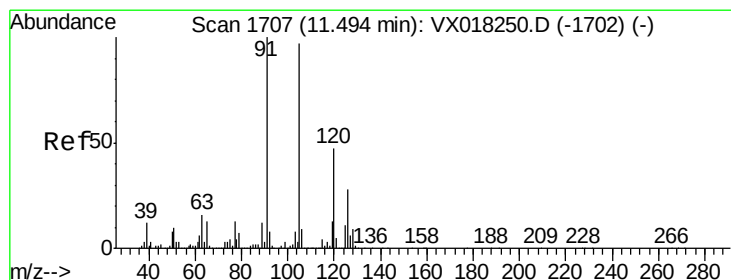
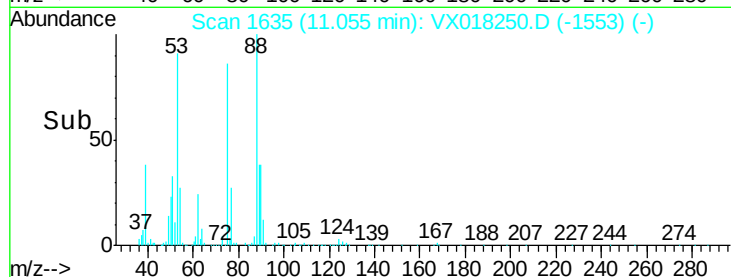
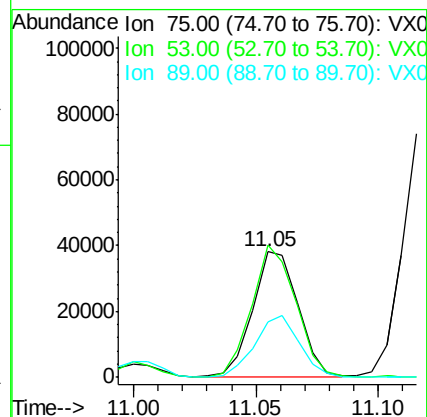
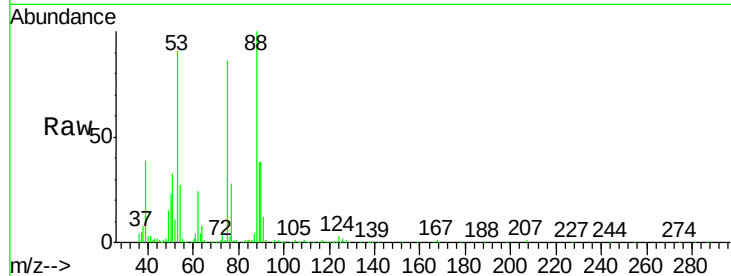
Tgt Ion: 75 Resp: 49366

Ion Ratio Lower Upper

75 100

53 104.3 52.1 156.4

89 44.2 22.1 66.3



#78

4-Chlorotoluene

Concen: 21.877 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018250.D

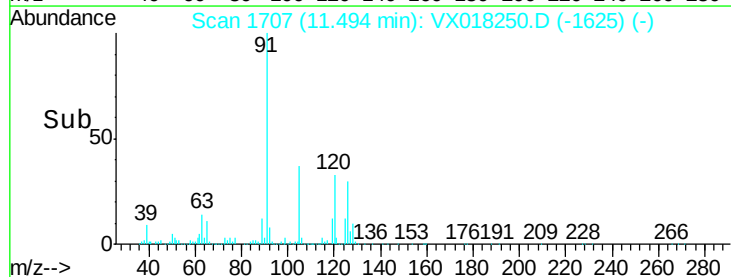
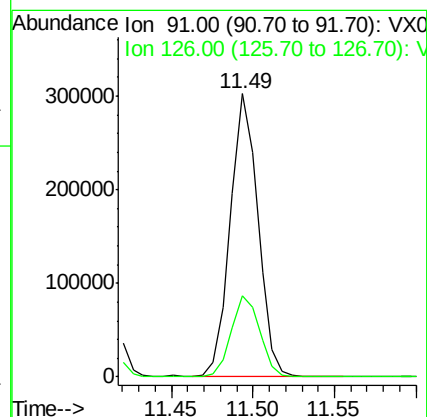
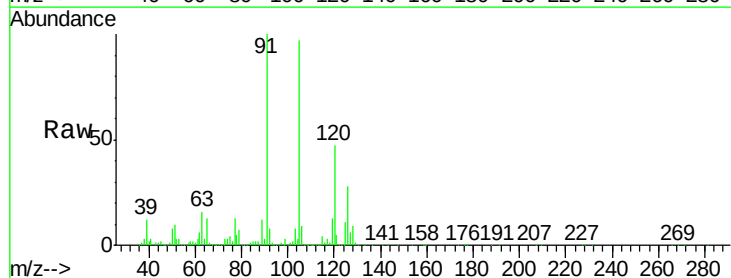
Acq: 04 Sep 2020 10:40

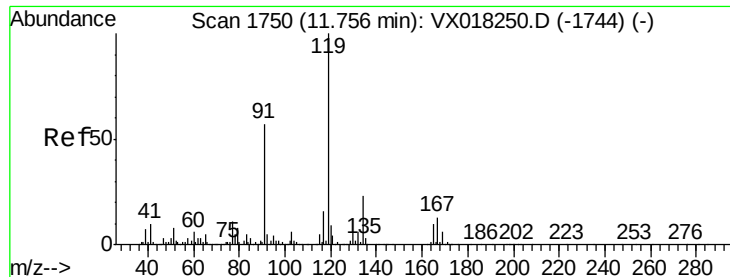
Tgt Ion: 91 Resp: 357597

Ion Ratio Lower Upper

91 100

126 29.6 0.0 59.2

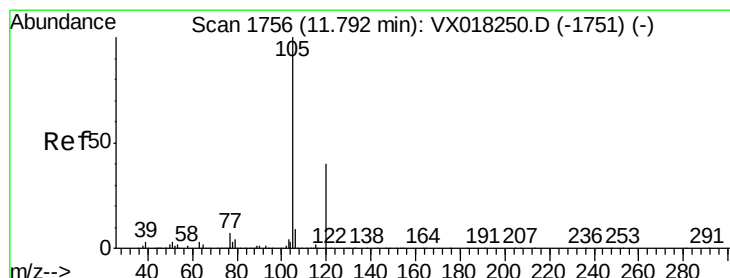
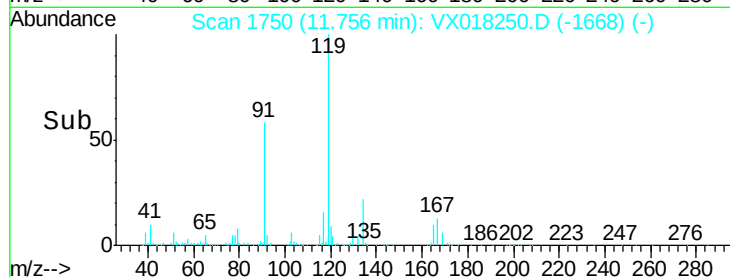
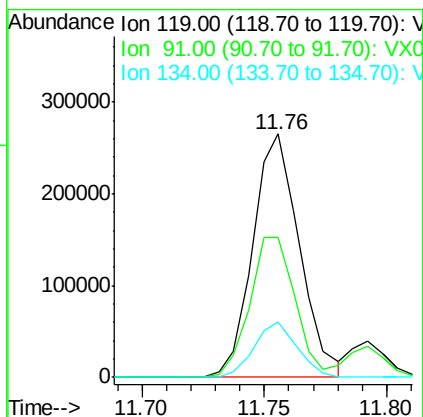
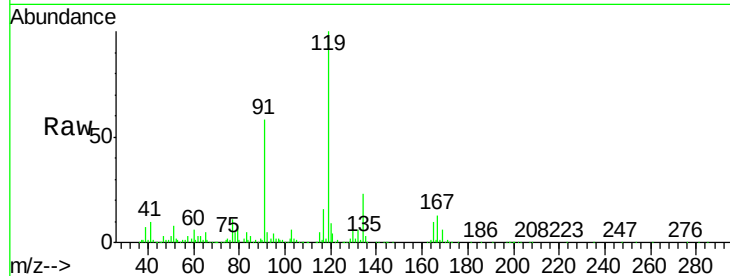




#79
tert-butylbenzene
Concen: 21.022 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

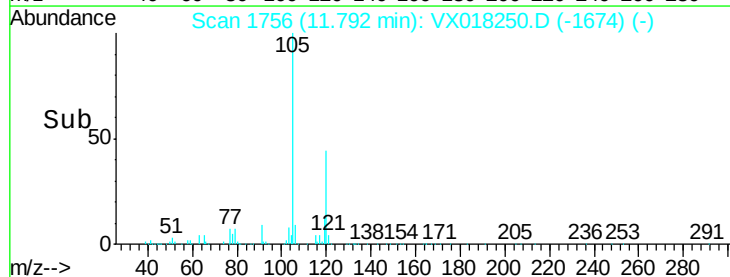
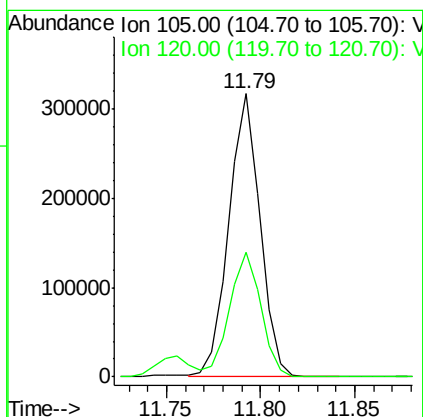
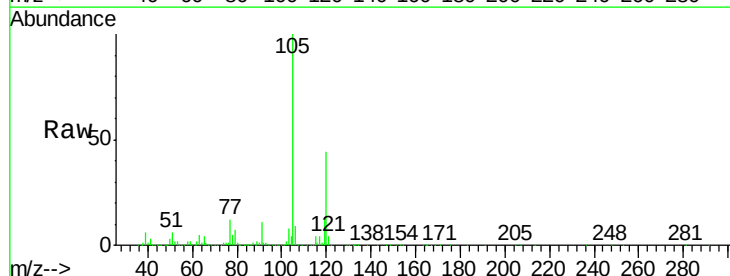
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

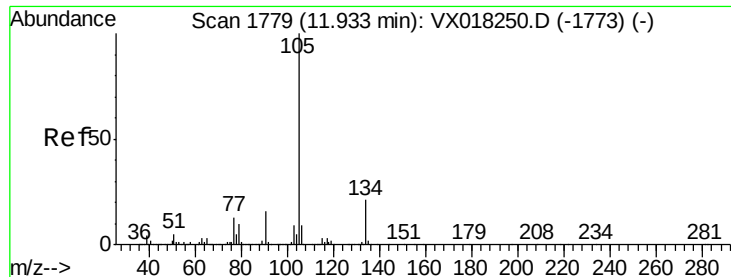
Tgt Ion:119 Resp: 350144
Ion Ratio Lower Upper
119 100
91 55.9 0.0 111.8
134 21.2 0.0 42.4



#80
1,2,4-Trimethylbenzene
Concen: 20.586 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion:105 Resp: 363223
Ion Ratio Lower Upper
105 100
120 44.6 0.0 89.2

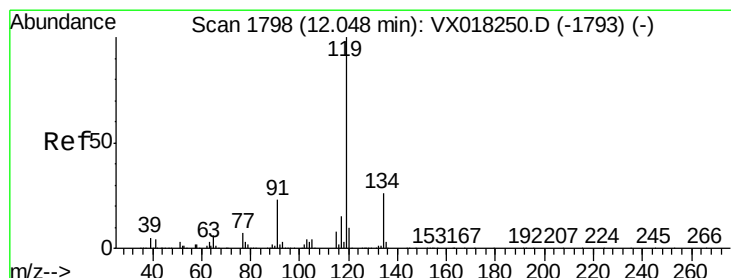
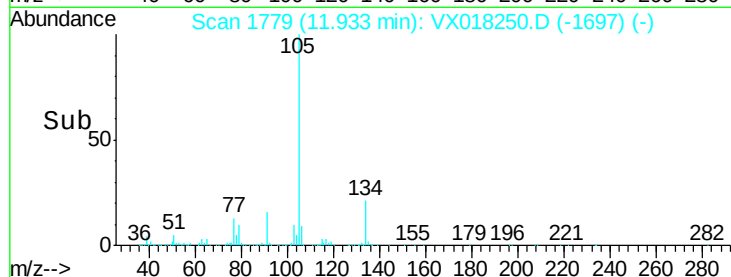
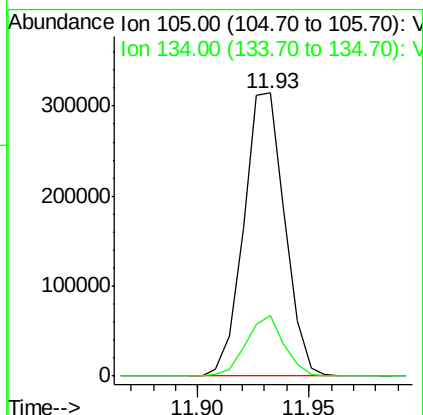
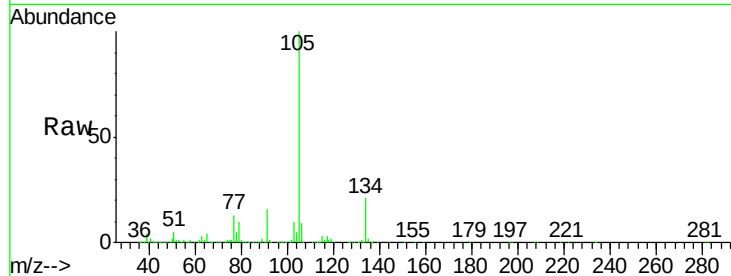




#81
 sec-Butylbenzene
 Concen: 20.396 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

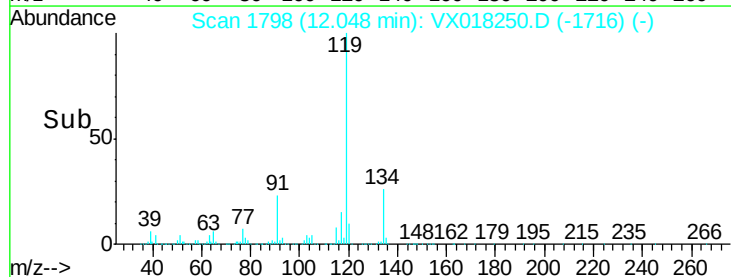
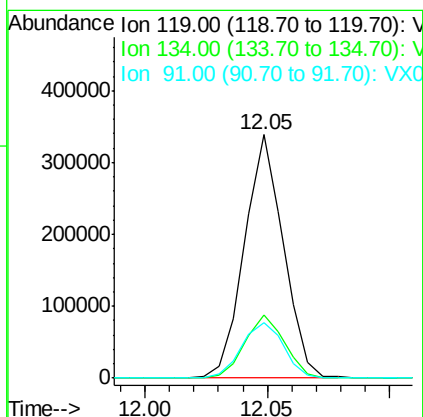
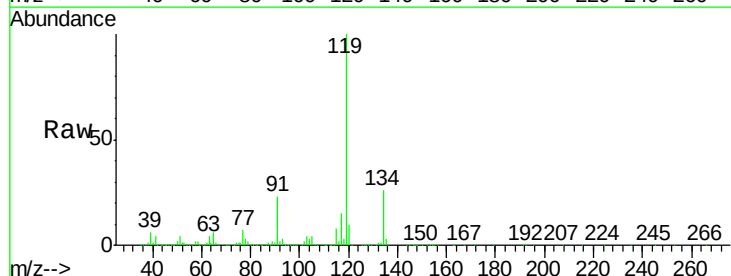
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

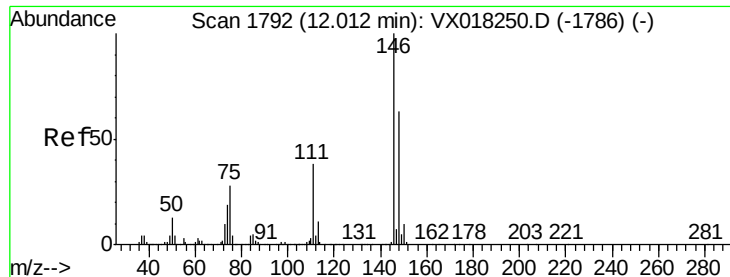
Tgt Ion:105 Resp: 403260
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 20.827 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion:119 Resp: 375942
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.0
 91 24.9 0.0 49.8





#83

1,3-Dichlorobenzene

Concen: 21.255 ug/l

RT: 12.01 min Scan# 1792

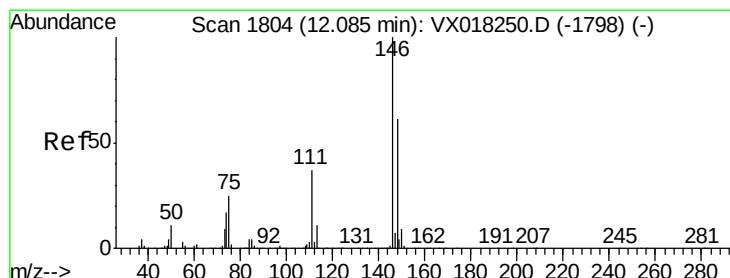
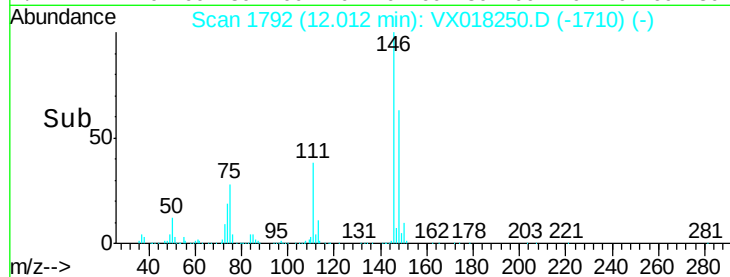
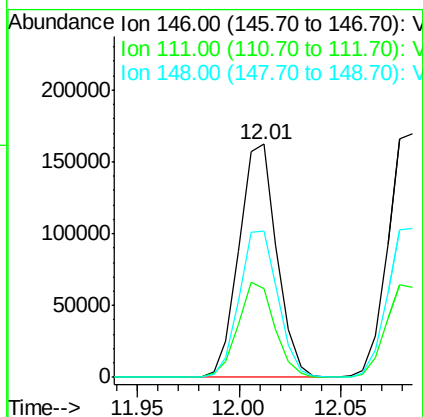
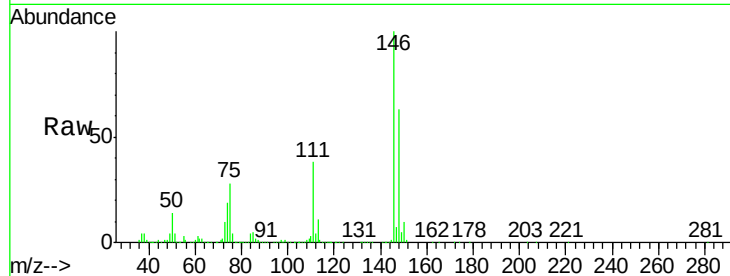
Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.2	32.1	96.3



#84

1,4-Dichlorobenzene

Concen: 21.530 ug/l

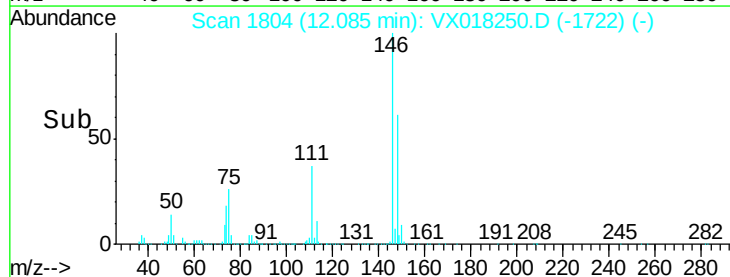
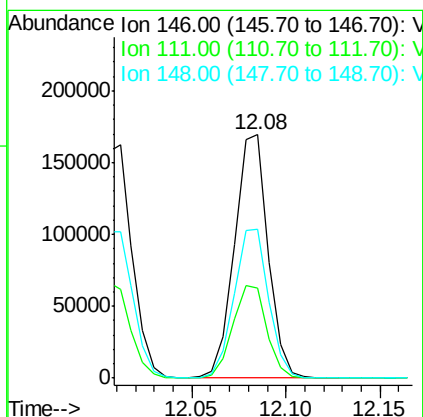
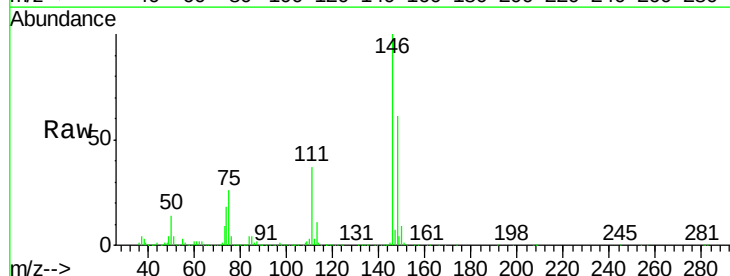
RT: 12.08 min Scan# 1804

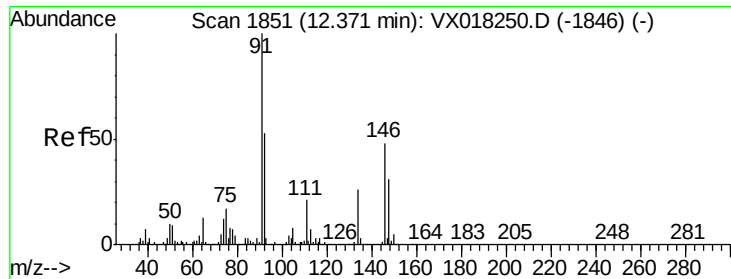
Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	63.4	31.7	95.1

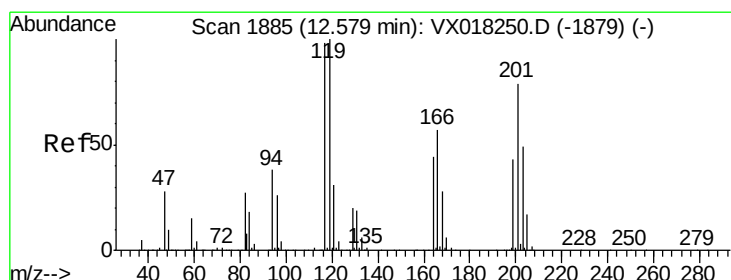
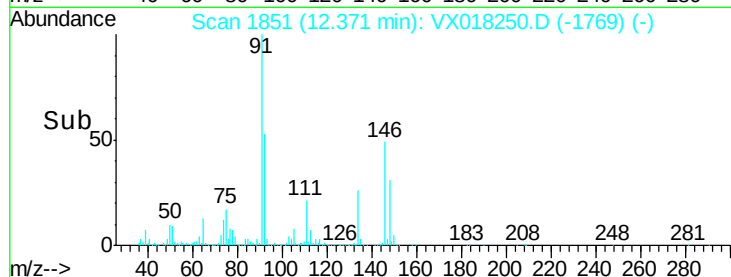
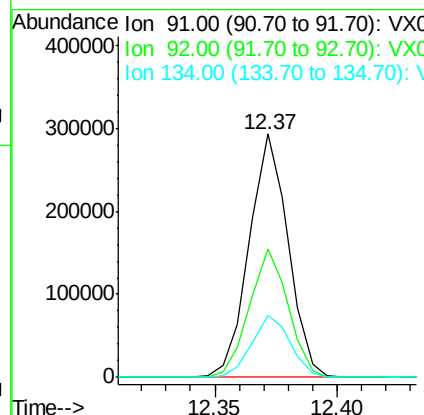
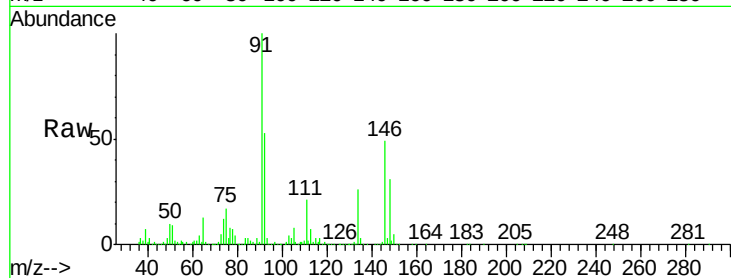




#85
n-Butylbenzene
Concen: 18.987 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

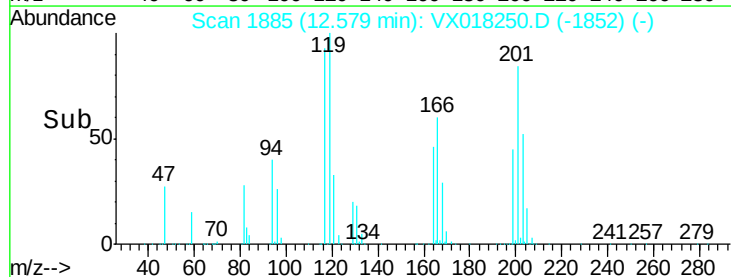
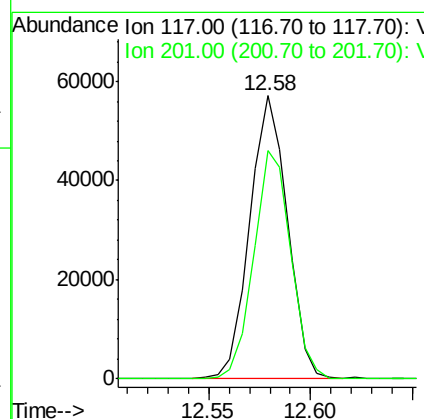
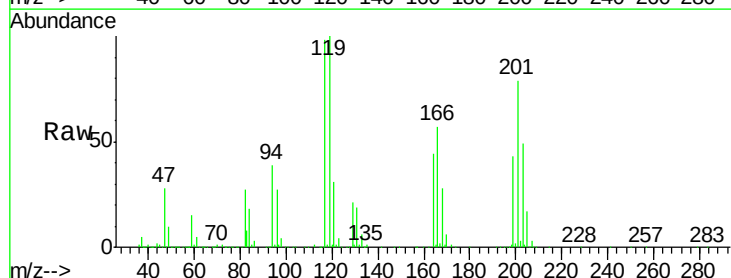
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

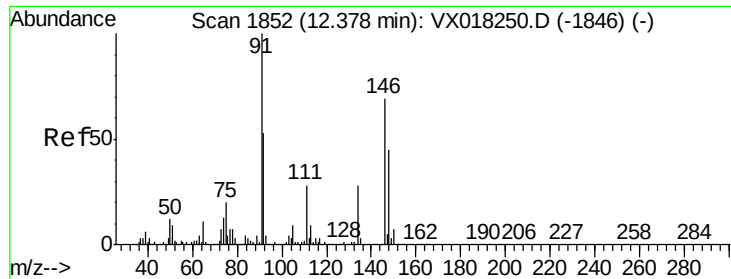
Tgt Ion: 91 Resp: 324451
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.0
134 25.5 0.0 51.0



#86
Hexachloroethane
Concen: 19.254 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018250.D
Acq: 04 Sep 2020 10:40

Tgt Ion: 117 Resp: 73481
Ion Ratio Lower Upper
117 100
201 79.2 39.6 118.8

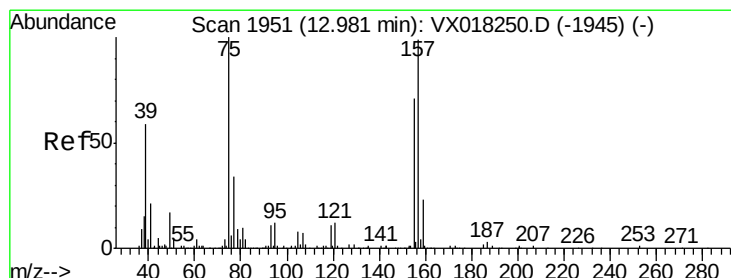
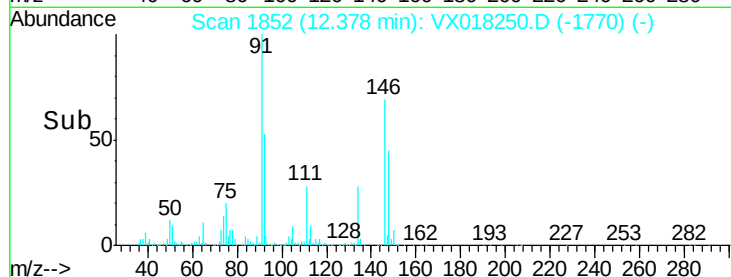
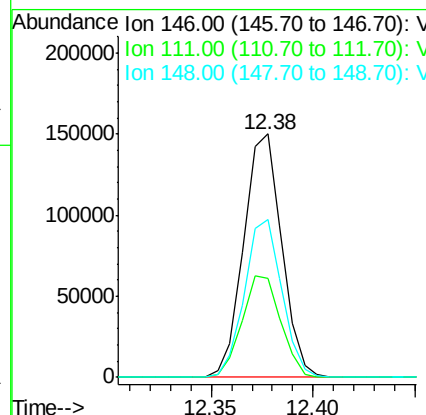
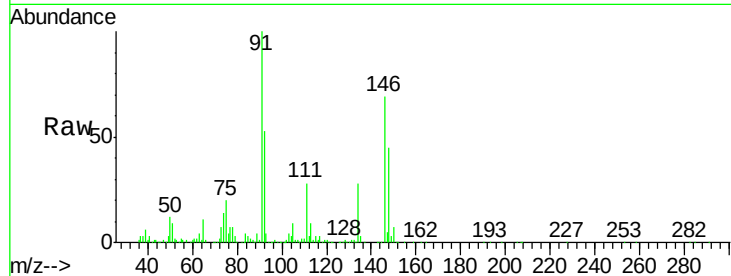




#87
 1,2-Dichlorobenzene
 Concen: 20.032 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

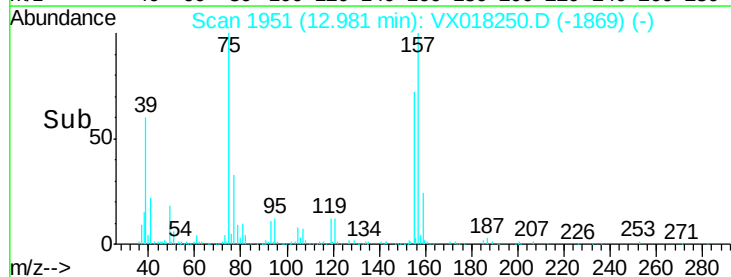
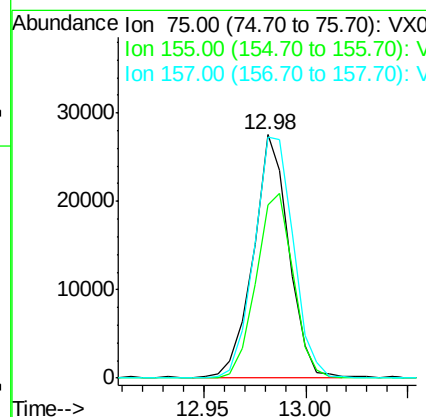
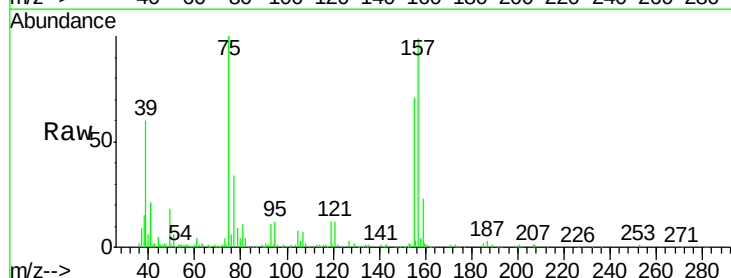
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

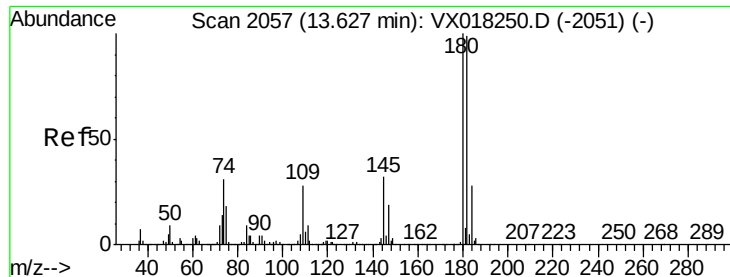
Tgt Ion: 146 Resp: 193519
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 64.1 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.538 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion: 75 Resp: 33273
 Ion Ratio Lower Upper
 75 100
 155 79.3 63.4 95.2
 157 108.8 87.0 130.6

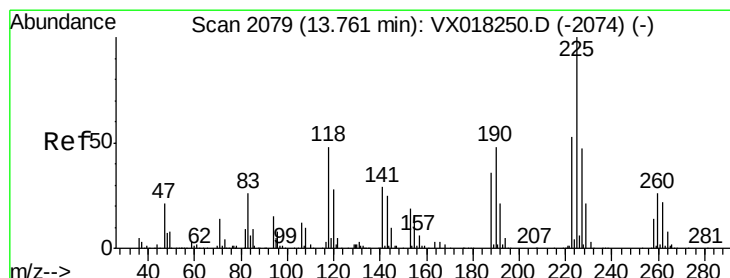
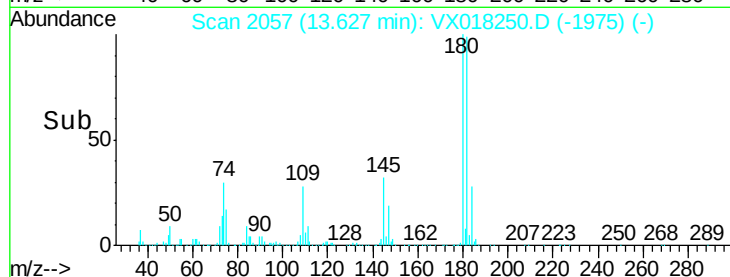
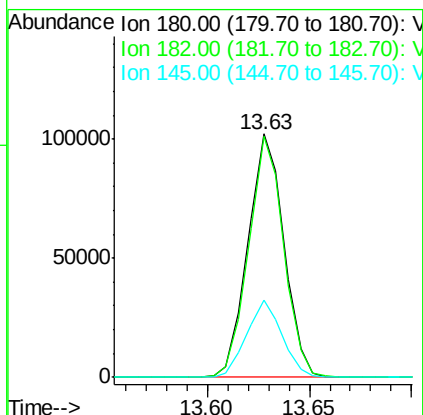
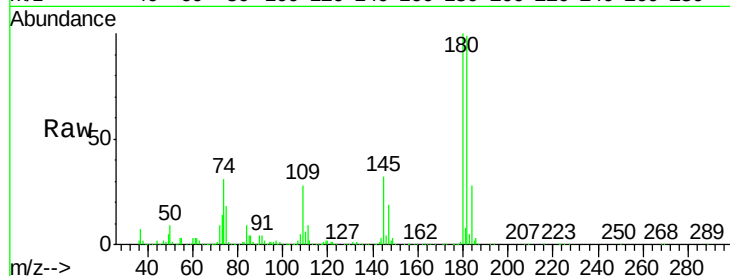




#89
 1,2,4-Trichlorobenzene
 Concen: 18.765 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

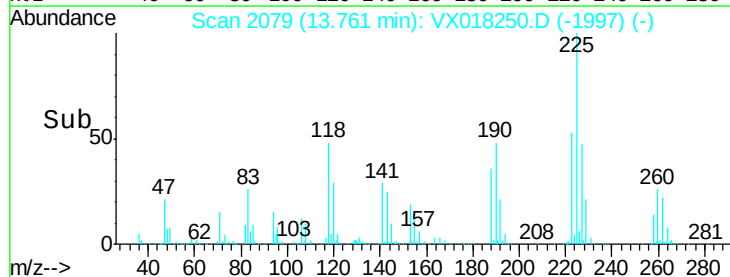
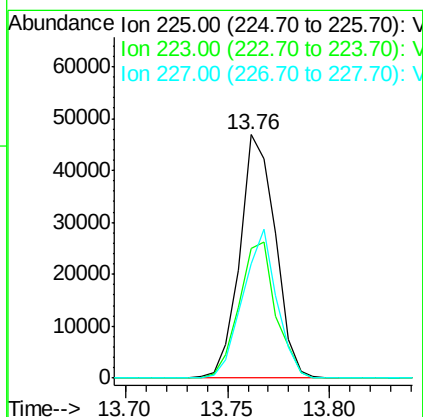
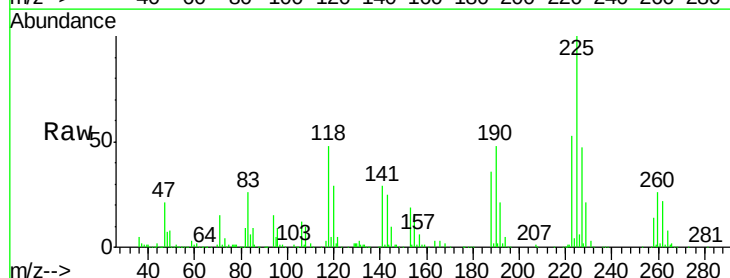
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

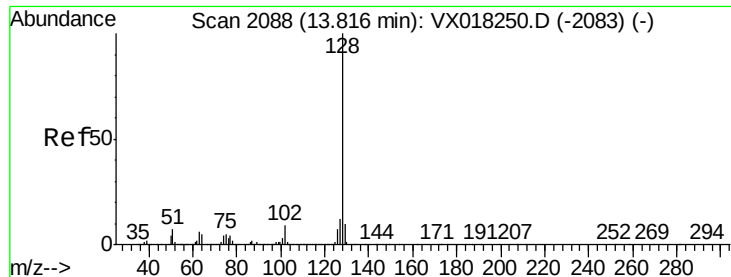
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.1	115.7
145	31.3	25.0	37.6



#90
 Hexachlorobutadiene
 Concen: 18.530 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018250.D
 Acq: 04 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.9	0.0	115.8
227	58.5	0.0	117.0





#91

Naphthalene

Concen: 19.686 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

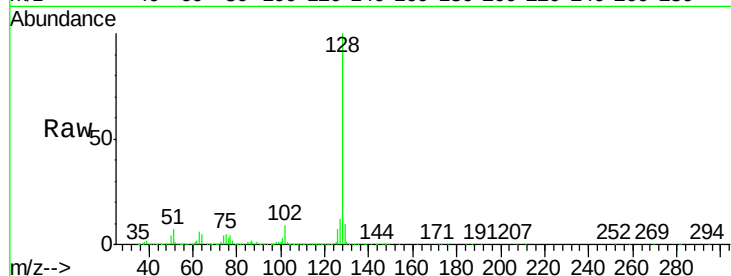
Tgt Ion:128 Resp: 391182

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

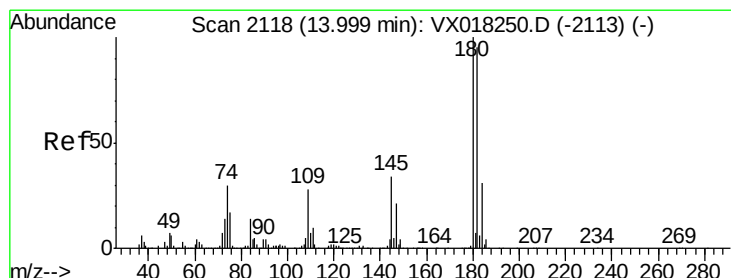
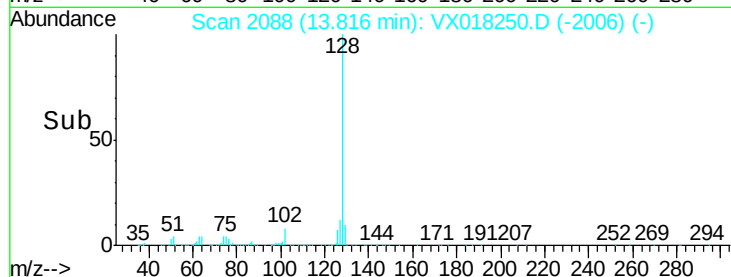
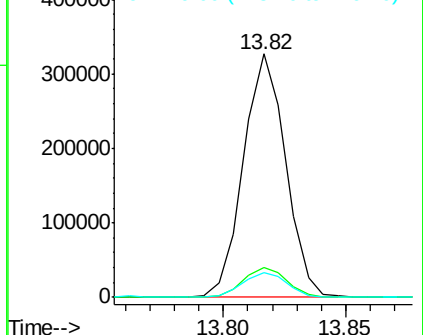
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.340 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018250.D

Acq: 04 Sep 2020 10:40

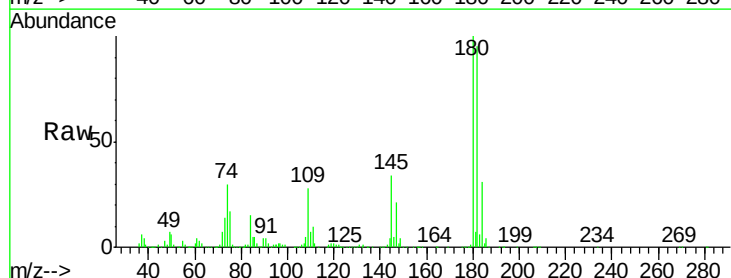
Tgt Ion:180 Resp: 124619

Ion Ratio Lower Upper

180 100

182 95.8 0.0 191.6

145 33.7 0.0 67.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

