

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017846.D
 Acq On : 13 Jan 2021 14:05
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Jan 14 11:39:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 03:48:28 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	341727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	150108	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	120351	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
7) Chloroethane-d5	2.89	69	111278	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.00%
10) 1,1-Dichloroethene-d2	4.02	63	228210	24.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.08%
20) 2-Butanone-d5	7.08	46	46244	53.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.92%
24) Chloroform-d	7.64	84	238188	26.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.68%
26) 1,2-Dichloroethane-d4	8.31	65	123890	26.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.20%
29) Benzene-d6	8.27	84	451998	25.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.80%
33) 1,2-Dichloropropane-d6	9.27	67	129977	27.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.32%
37) Toluene-d8	10.32	98	415892	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	10.58	79	54364	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.64%
39) 2-Hexanone-d5	10.93	63	31743	52.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95827	26.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	126803	24.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.04%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	72182	19.131 ug/L	92
3) Chloromethane	2.21	50	79724	23.773 ug/L	99
5) Vinyl chloride	2.36	62	132650	23.381 ug/L	98
6) Bromomethane	2.78	94	104574	24.857 ug/L	99
8) Chloroethane	2.92	64	87275	24.536 ug/L	98
9) Trichlorofluoromethane	3.26	101	93125	20.006 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	106303	24.469 ug/L	96
12) 1,1-Dichloroethene	4.04	96	100655	23.900 ug/L	87
13) Acetone	4.14	43	29106	39.332 ug/L	99
14) Carbon disulfide	4.38	76	283015	22.505 ug/L	98
15) Methyl Acetate	4.67	43	35884	25.019 ug/L	96
16) Methylene chloride	4.92	84	108457	22.194 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	124860	23.393 ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	108441	23.872 ug/L	97
19) 1,1-Dichloroethane	6.21	63	202413	26.081 ug/L	99
21) 2-Butanone	7.16	43	48678	48.903 ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	115500	24.196 ug/L	91

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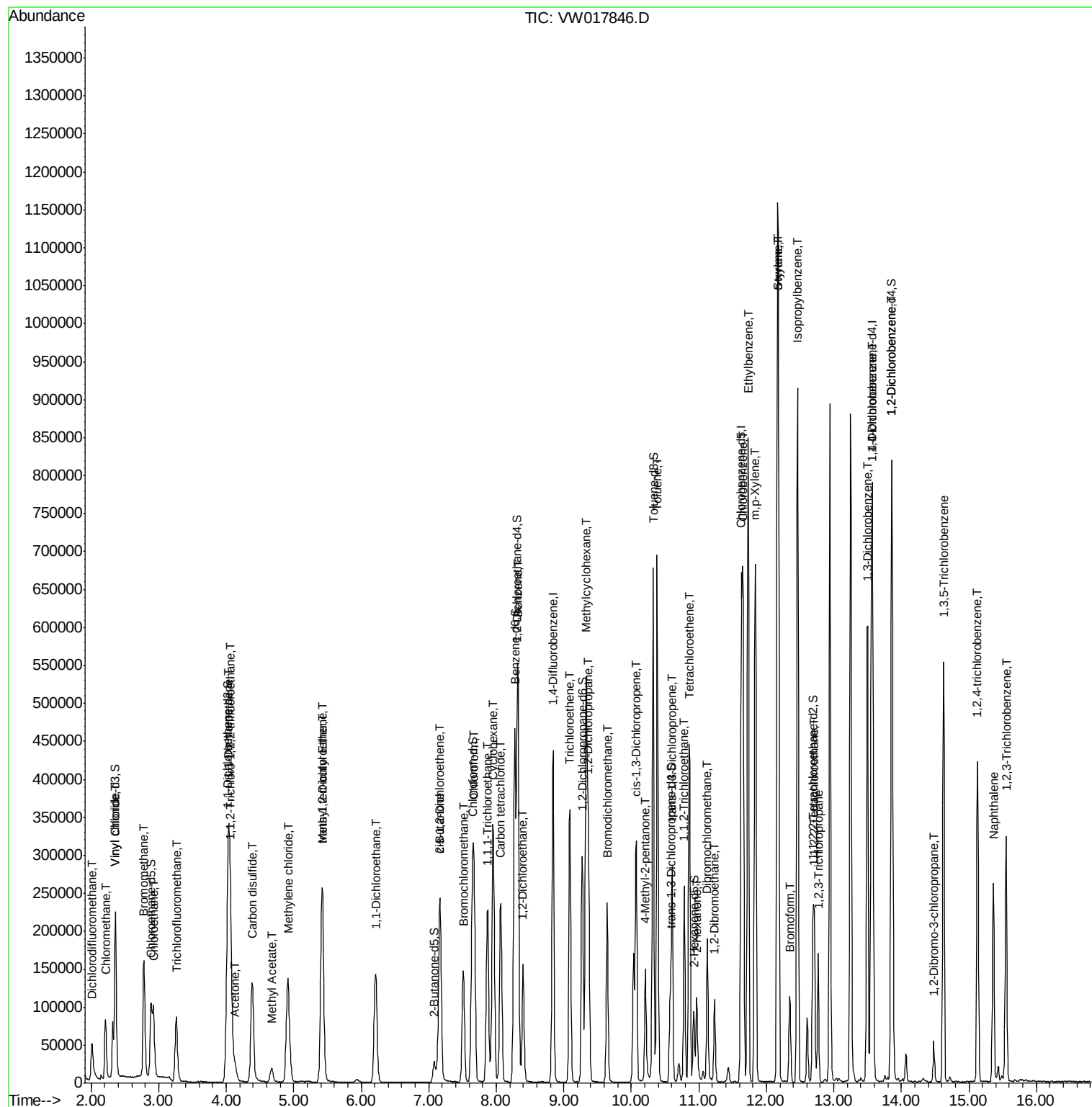
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	48373	23.922	ug/L #	81
25) Chloroform	7.67	83	211178	25.860	ug/L	99
27) 1,2-Dichloroethane	8.40	62	136225	25.788	ug/L	98
30) Cyclohexane	7.95	56	181797	24.705	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	177940	25.022	ug/L	97
32) Carbon tetrachloride	8.07	117	167131	24.910	ug/L	98
34) Benzene	8.32	78	450257	25.472	ug/L	100
35) Trichloroethene	9.09	95	121490	24.830	ug/L	94
36) Methylcyclohexane	9.34	83	210740	24.638	ug/L	97
40) 1,2-Dichloropropane	9.37	63	110442	26.466	ug/L	100
41) Bromodichloromethane	9.64	83	151768	26.569	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	172807	25.950	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	106694	52.627	ug/L	95
44) Toluene	10.38	91	497391	24.676	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	142226	25.081	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	73372	23.655	ug/L	98
47) Tetrachloroethene	10.86	164	88166	23.047	ug/L	89
49) 2-Hexanone	10.97	43	73579	51.153	ug/L	95
50) Dibromochloromethane	11.13	129	93342	25.348	ug/L	96
51) 1,2-Dibromoethane	11.23	107	70684	24.071	ug/L	99
52) Chlorobenzene	11.66	112	305935	24.313	ug/L	92
53) Ethylbenzene	11.73	91	575755	25.175	ug/L	96
54) m,p-Xylene	11.84	106	209938	23.466	ug/L	98
55) o-xylene	12.16	106	200115	23.784	ug/L	86
56) Styrene	12.18	104	341658	24.412	ug/L	95
57) Isopropylbenzene	12.46	105	569211	24.436	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	85286	24.634	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	61225	24.058	ug/L	98
62) Bromoform	12.35	173	45766	24.918	ug/L	100
63) 1,3-Dichlorobenzene	13.49	146	225046	24.290	ug/L	91
64) 1,4-Dichlorobenzene	13.58	146	222900	23.941	ug/L	99
65) 1,2-Dichlorobenzene	13.86	146	195551	24.021	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	13335	24.870	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	148963	23.453	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	118283	22.625	ug/L	97
69) Naphthalene	15.36	128	209452	21.038	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	96175	21.785	ug/L	97

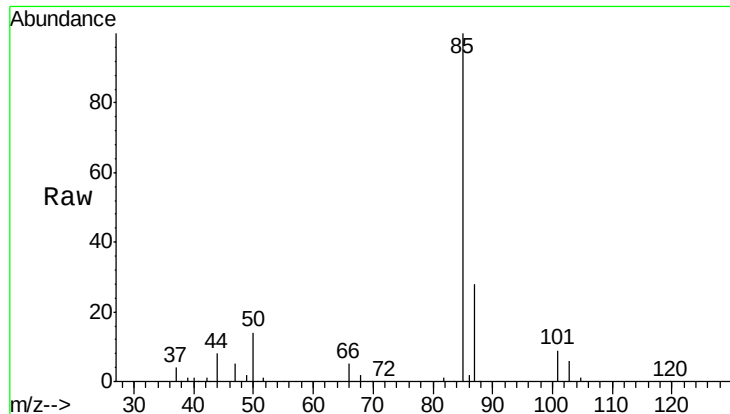
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#2

Dichlorodifluoromethane

Concen: 19.131 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW017846.D

Acq: 13 Jan 2021 14:05

Instrument :

MSVOA_W

ClientSampleId :

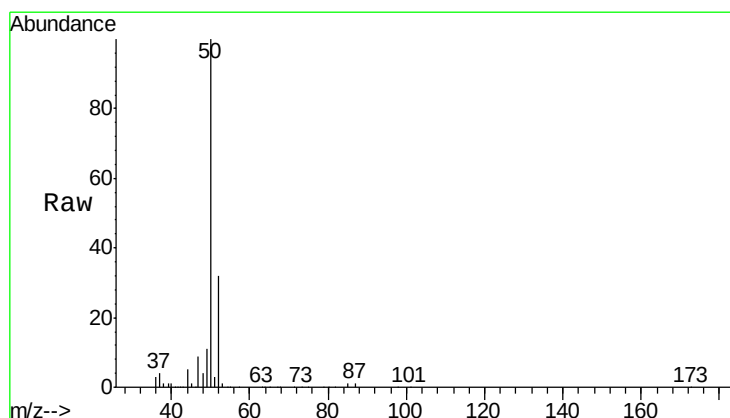
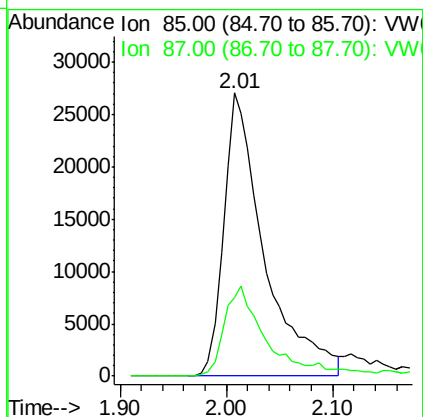
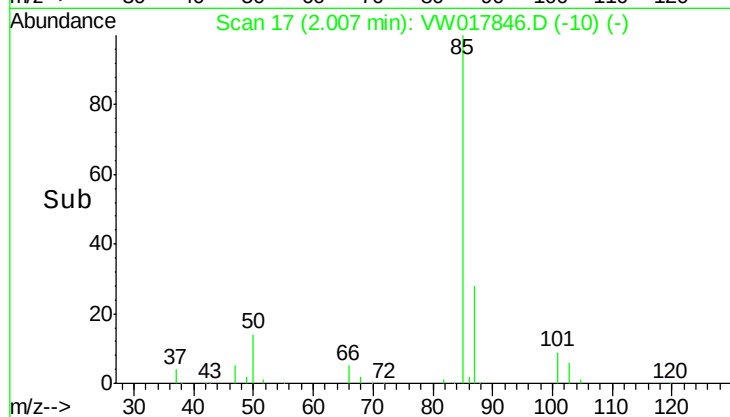
VSTD02517

Tgt Ion: 85 Resp: 72182

Ion Ratio Lower Upper

85 100

87 27.1 22.0 41.0



#3

Chloromethane

Concen: 23.773 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW017846.D

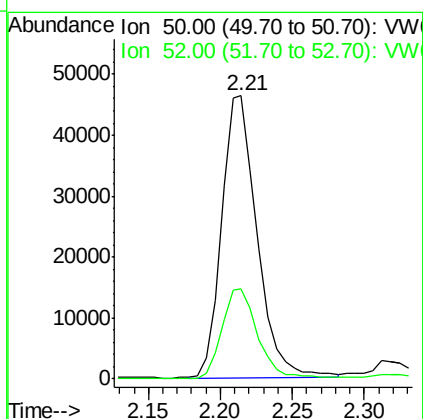
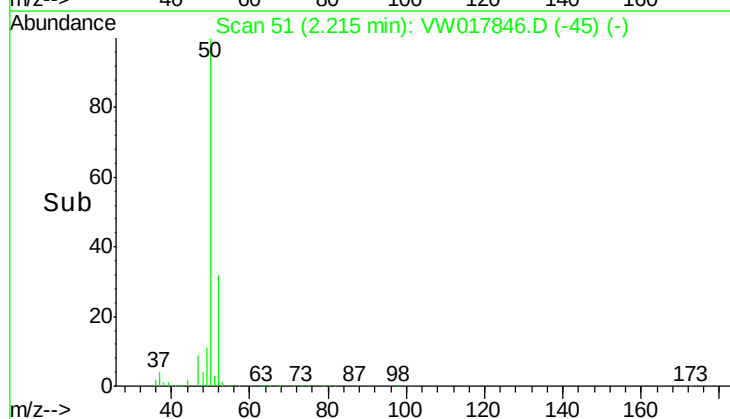
Acq: 13 Jan 2021 14:05

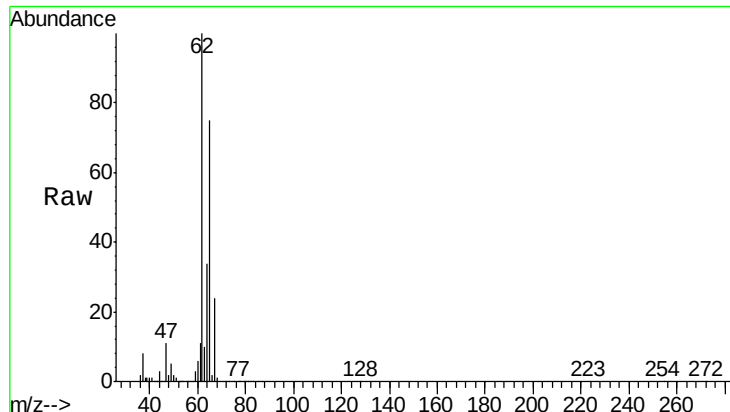
Tgt Ion: 50 Resp: 79724

Ion Ratio Lower Upper

50 100

52 31.8 22.5 41.9





#5

Vinyl chloride

Concen: 23.381 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW017846.D

Acq: 13 Jan 2021 14:05

Instrument :

MSVOA_W

ClientSampleId :

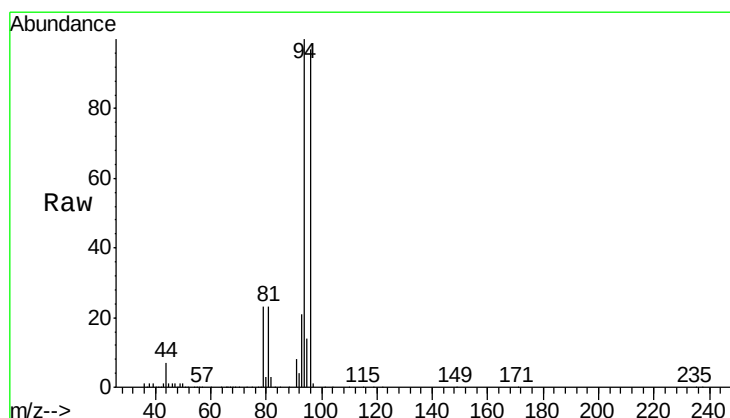
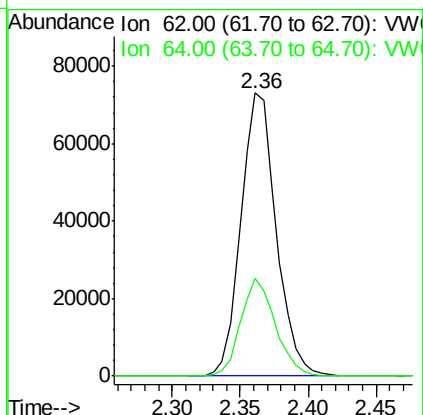
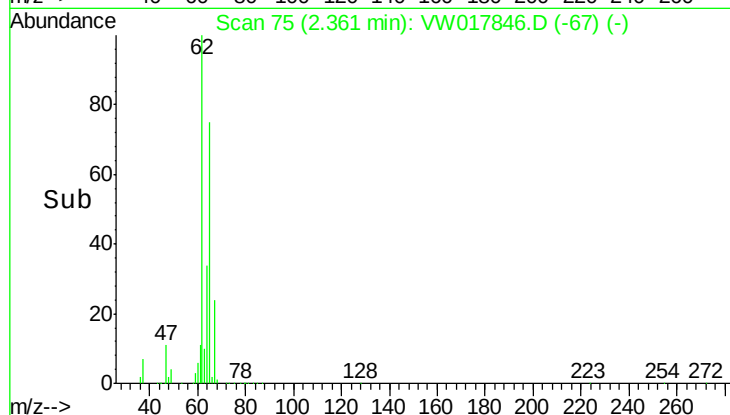
VSTD02517

Tgt Ion: 62 Resp: 132650

Ion Ratio Lower Upper

62 100

64 34.5 23.3 43.3



#6

Bromomethane

Concen: 24.857 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW017846.D

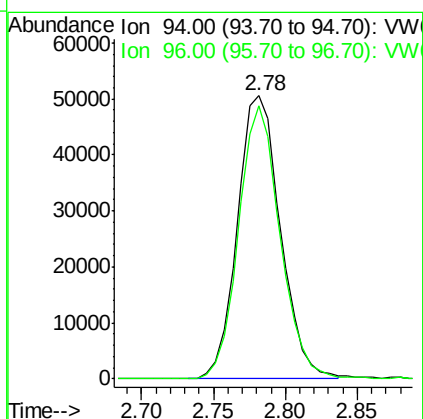
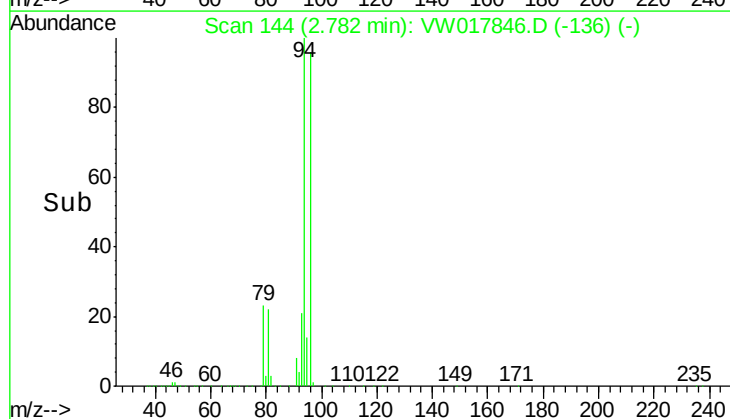
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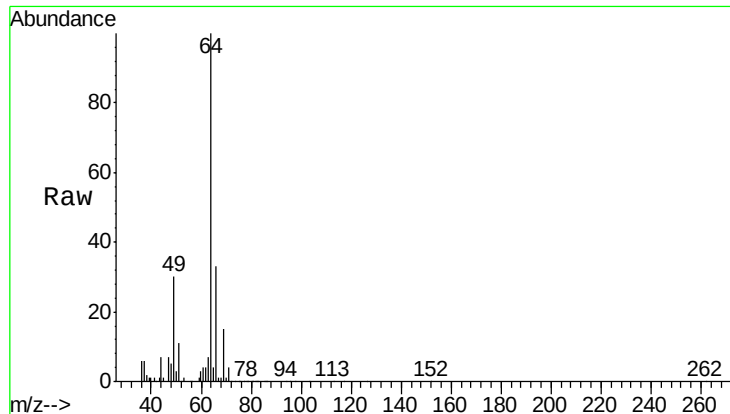
Tgt Ion: 94 Resp: 104574

Ion Ratio Lower Upper

94 100

96 93.0 9.4 178.6

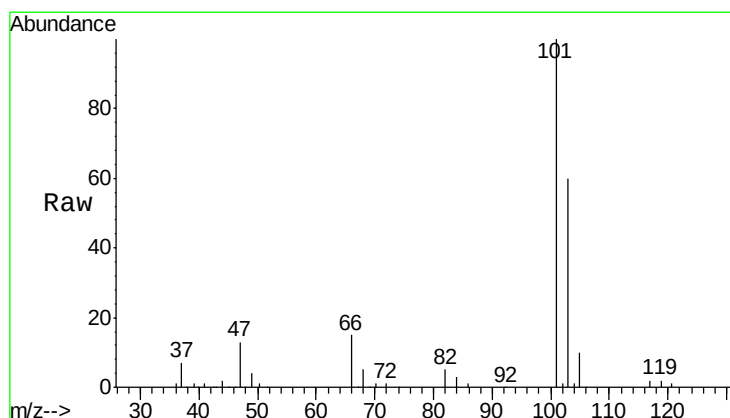
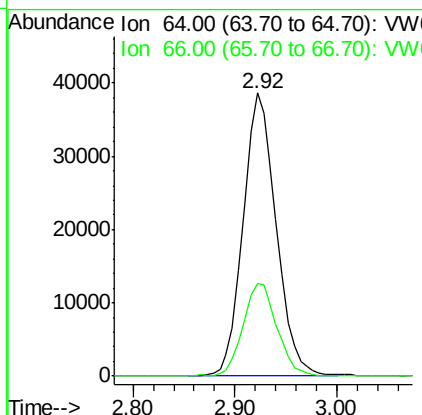
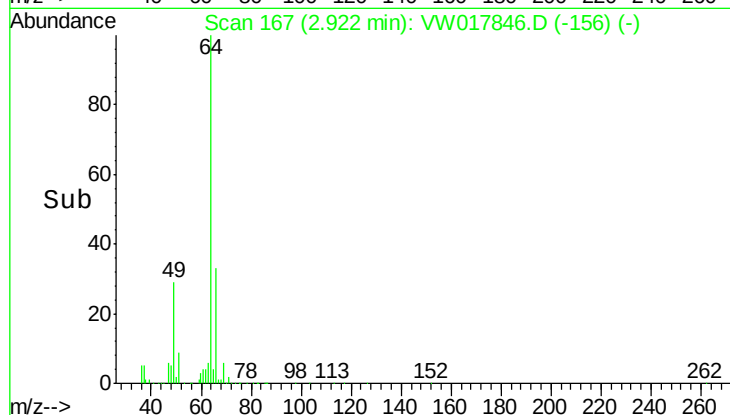




#8
Chloroethane
Concen: 24.536 ug/L
RT: 2.92 min Scan# 167
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

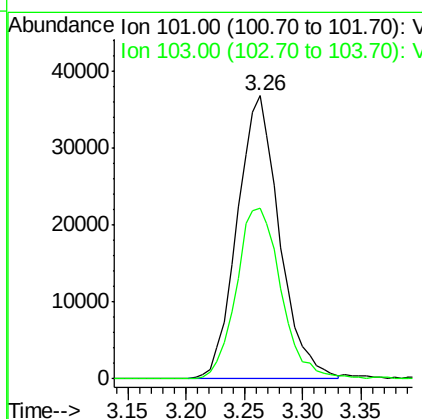
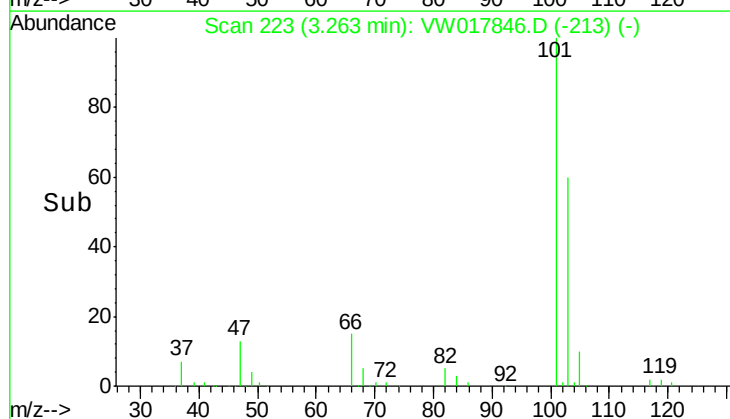
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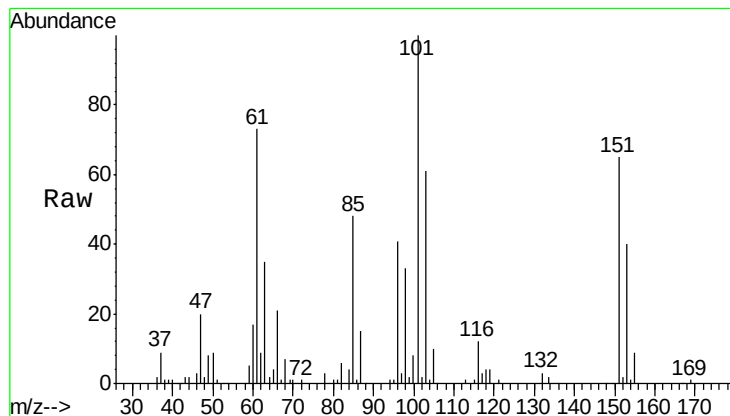
Tgt Ion: 64 Resp: 87275
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 20.006 ug/L
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

Tgt Ion: 101 Resp: 93125
Ion Ratio Lower Upper
101 100
103 63.7 46.0 85.4

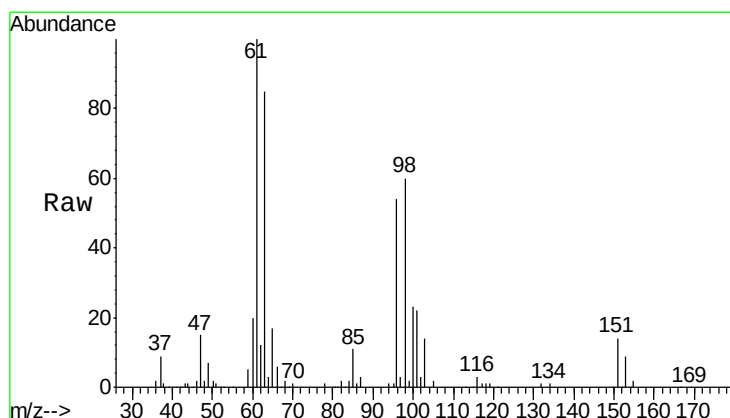
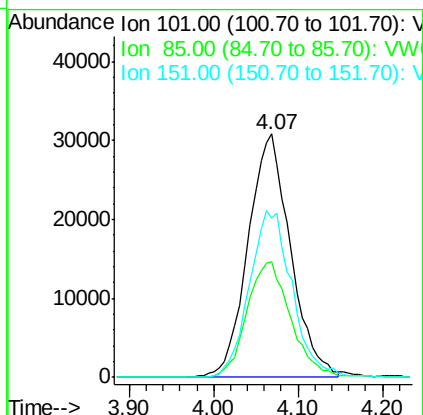
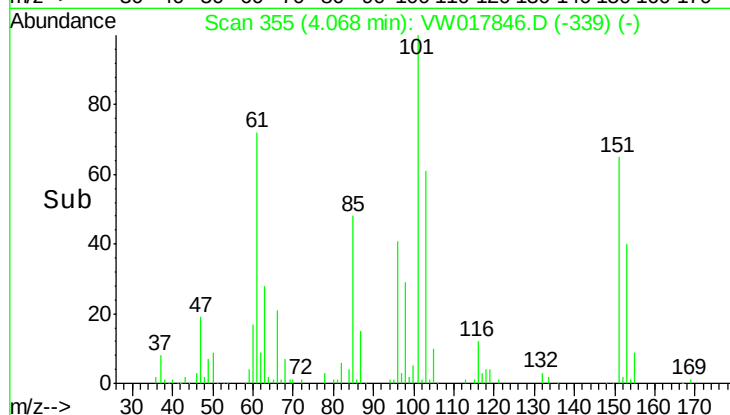




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.469 ug/L
 RT: 4.07 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

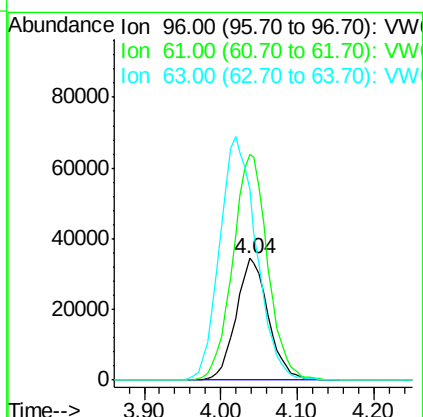
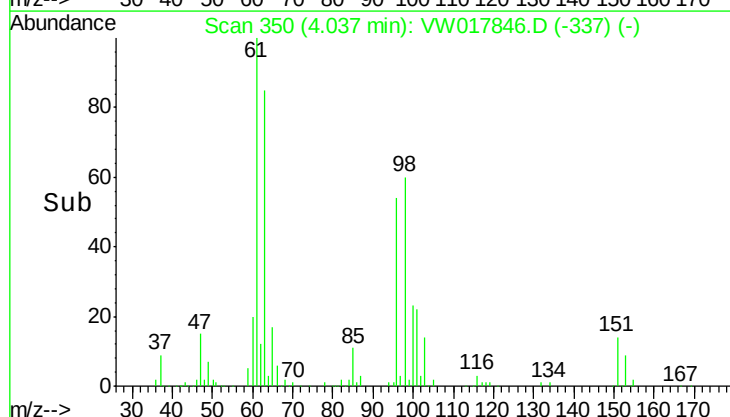
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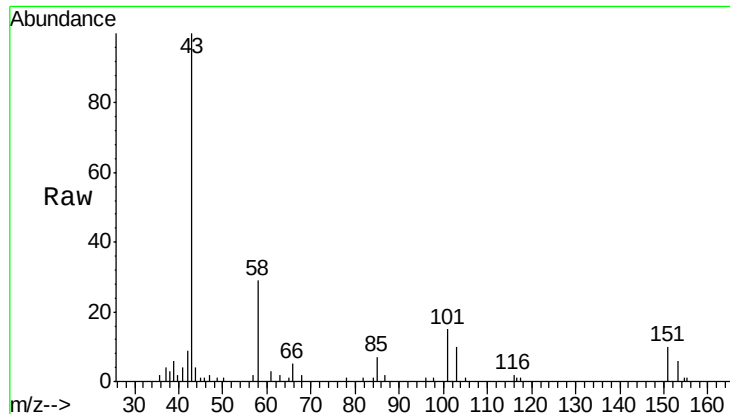
Tgt Ion:101 Resp: 106303
 Ion Ratio Lower Upper
 101 100
 85 48.8 36.7 55.1
 151 68.7 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 23.900 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion: 96 Resp: 100655
 Ion Ratio Lower Upper
 96 100
 61 185.1 126.1 234.1
 63 157.7 90.0 167.2

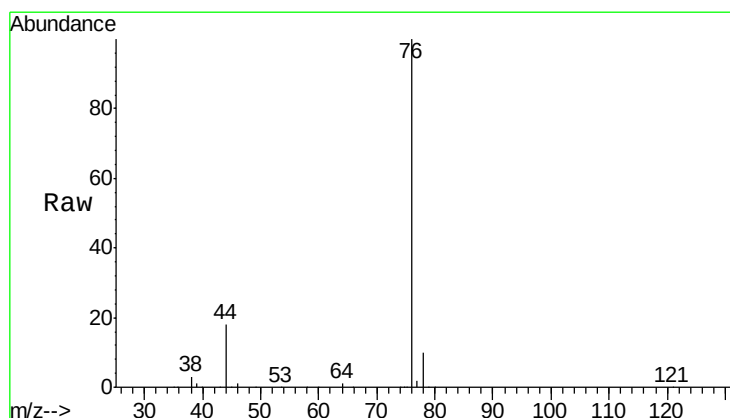
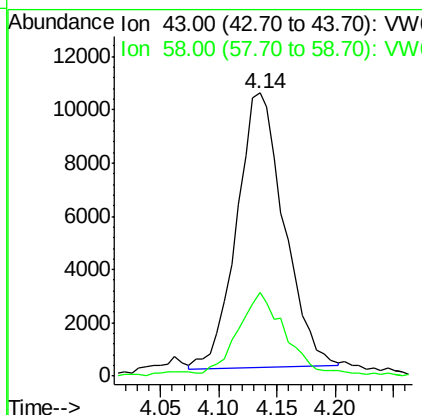
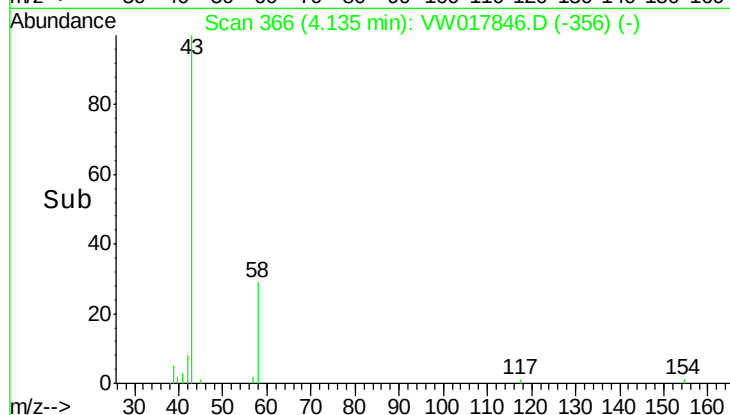




#13
 Acetone
 Concen: 39.332 ug/L
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

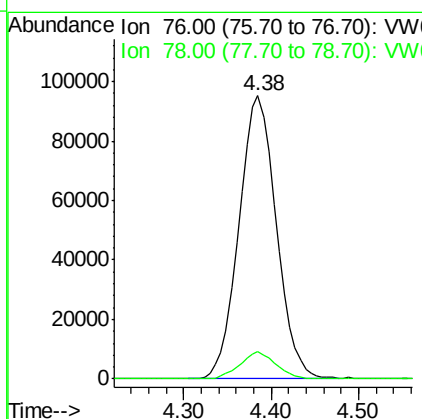
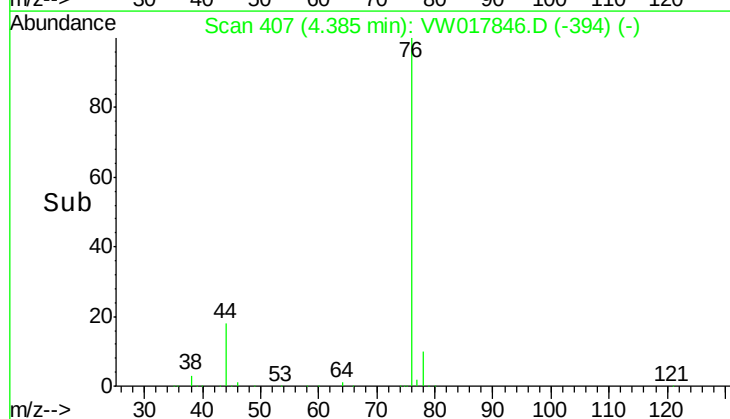
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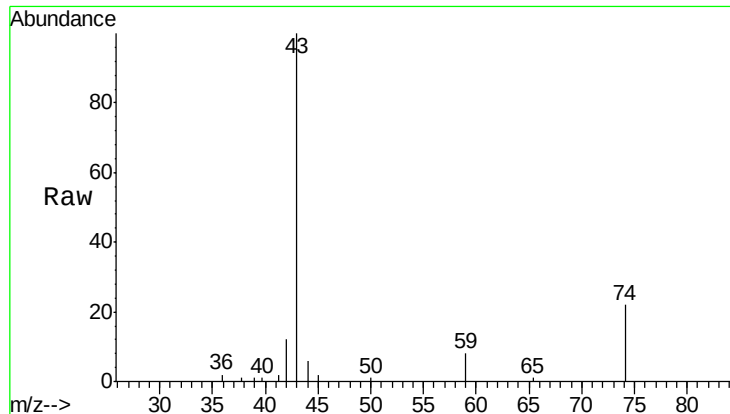
Tgt Ion: 43 Resp: 29106
 Ion Ratio Lower Upper
 43 100
 58 30.0 0.0 60.8



#14
 Carbon disulfide
 Concen: 22.505 ug/L
 RT: 4.38 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: VW017846.D
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Tgt Ion: 76 Resp: 283015
 Ion Ratio Lower Upper
 76 100
 78 9.6 7.1 10.7

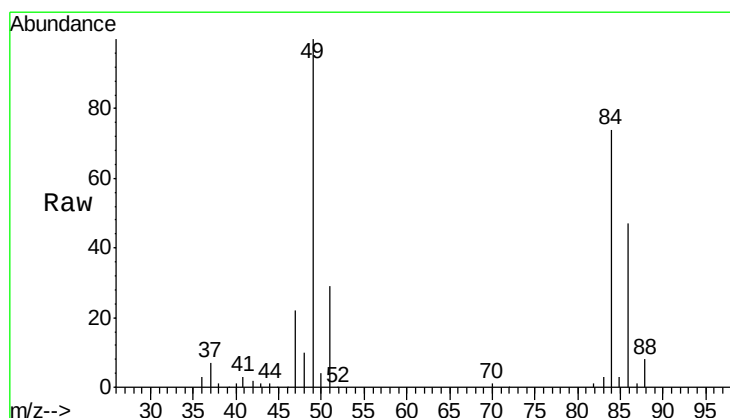
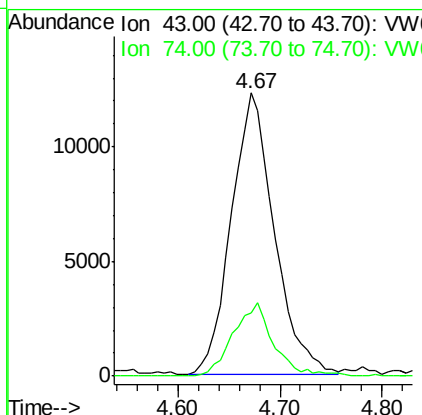
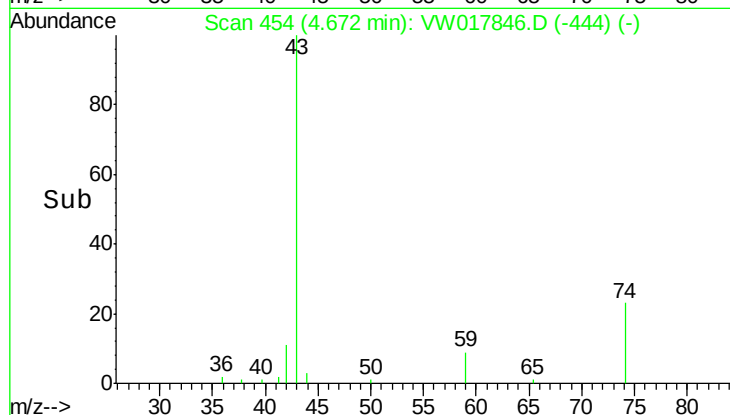




#15
 Methyl Acetate
 Concen: 25.019 ug/L
 RT: 4.67 min Scan# 454
 Delta R.T. 0.01 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

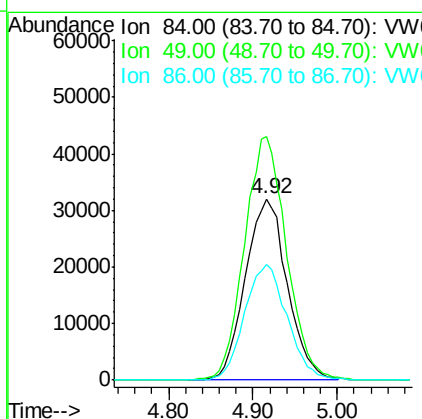
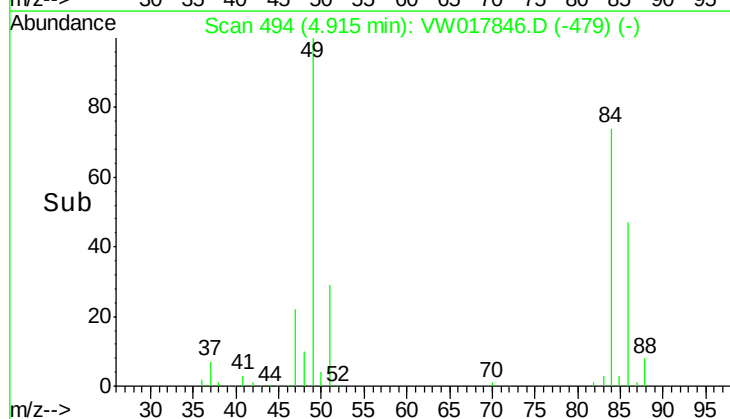
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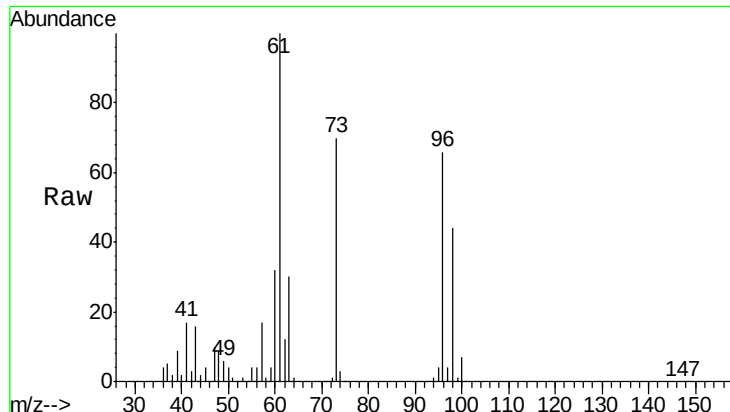
Tgt Ion: 43 Resp: 35884
 Ion Ratio Lower Upper
 43 100
 74 23.4 20.2 30.4



#16
 Methylene chloride
 Concen: 22.194 ug/L
 RT: 4.92 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion: 84 Resp: 108457
 Ion Ratio Lower Upper
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 49 134.4 90.5 168.1
 86 63.7 44.8 83.2

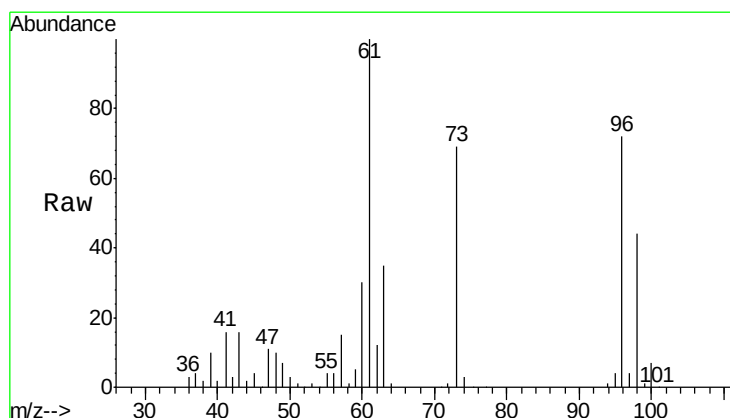
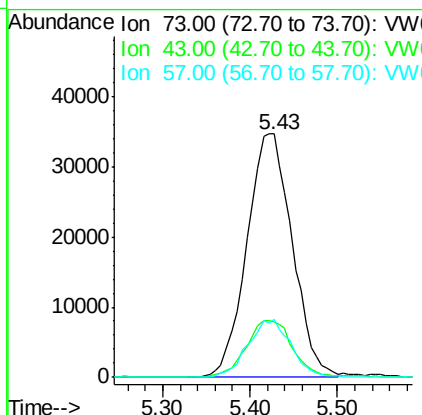
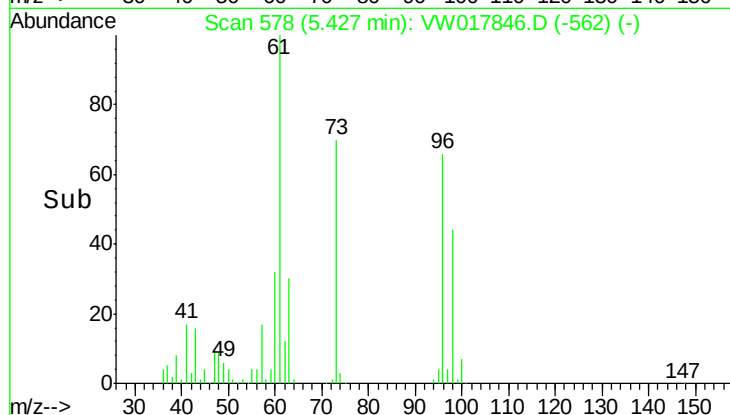




#17
Methyl tert-butyl Ether
Concen: 23.393 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

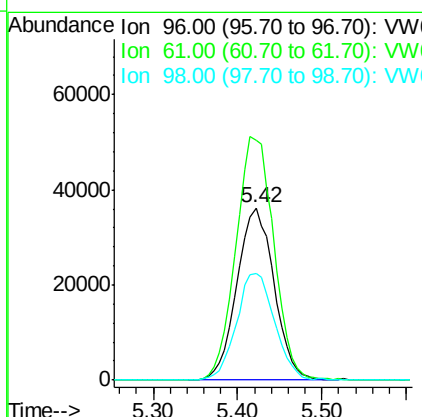
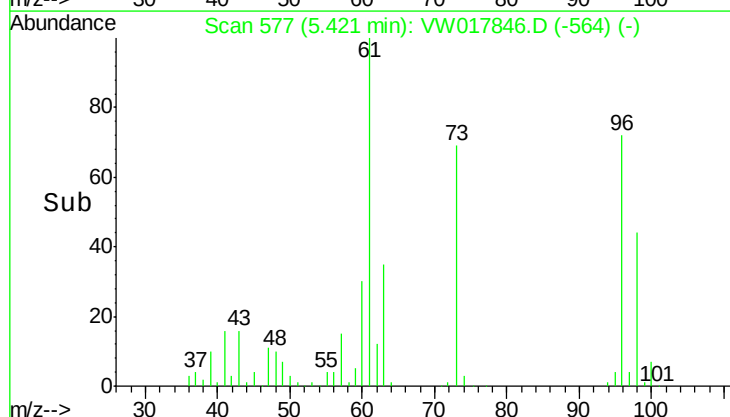
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

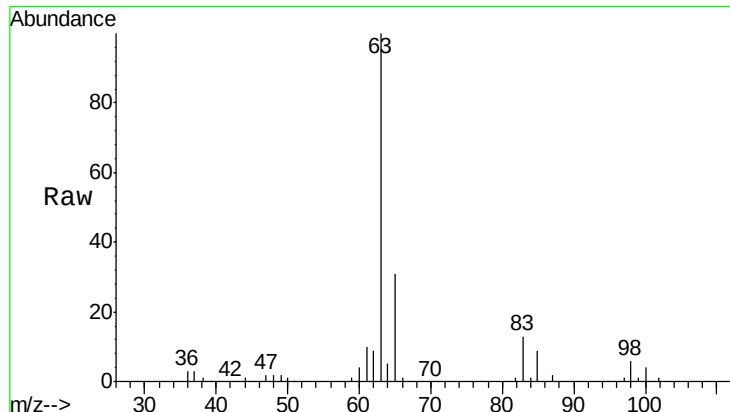
Tgt Ion:	73	Resp:	124860
Ion	Ratio	Lower	Upper
73	100		
43	23.3	17.1	25.7
57	22.6	16.6	25.0



#18
trans-1,2-Dichloroethene
Concen: 23.872 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

Tgt Ion:	96	Resp:	108441
Ion	Ratio	Lower	Upper
96	100		
61	139.4	99.5	184.9
98	61.9	45.8	85.2

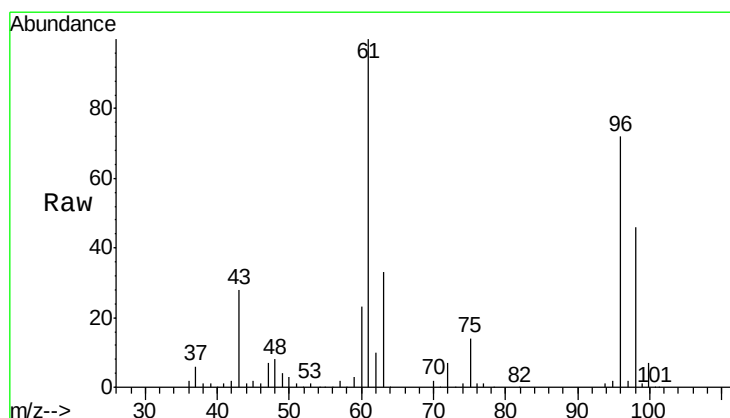
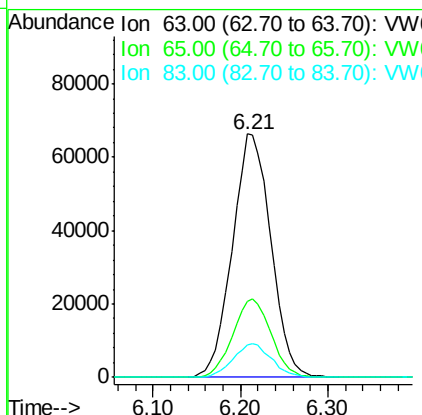
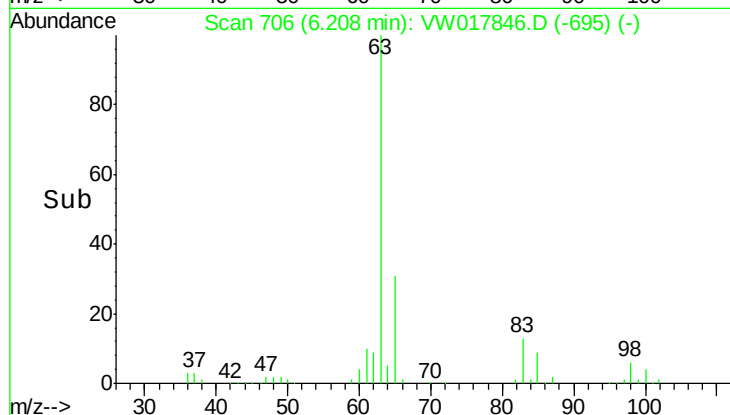




#19
 1,1-Dichloroethane
 Concen: 26.081 ug/L
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

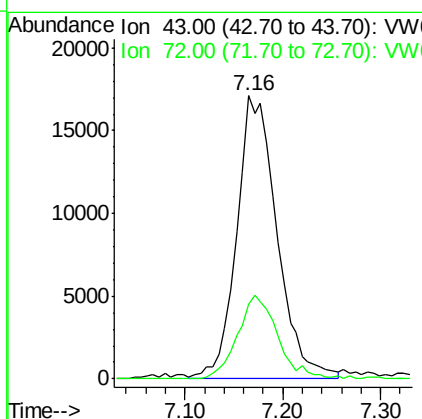
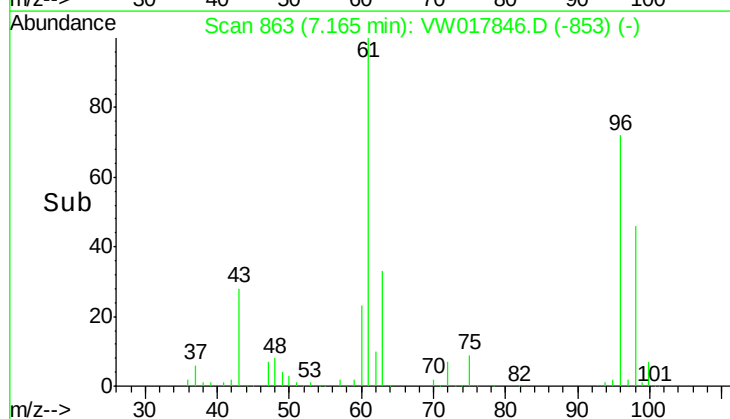
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

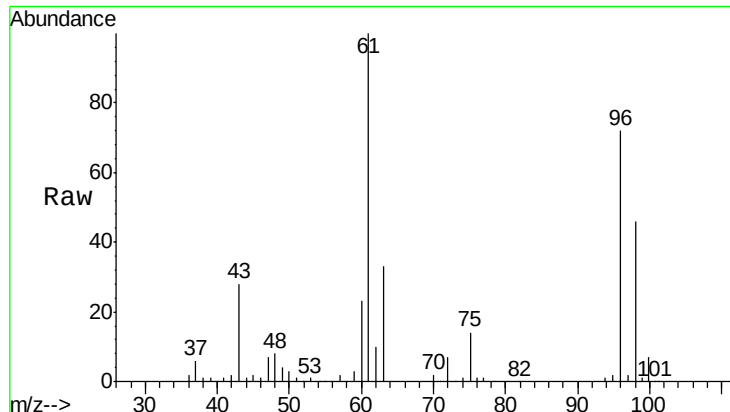
Tgt Ion:	63	Resp:	202413
Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.9	40.7
83	13.4	10.0	18.6



#21
 2-Butanone
 Concen: 48.903 ug/L
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion:	43	Resp:	48678
Ion	Ratio	Lower	Upper
43	100		
72	29.2	15.4	46.2





#22

cis-1,2-Dichloroethene

Concen: 24.196 ug/L

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW017846.D

Acq: 13 Jan 2021 14:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD02517

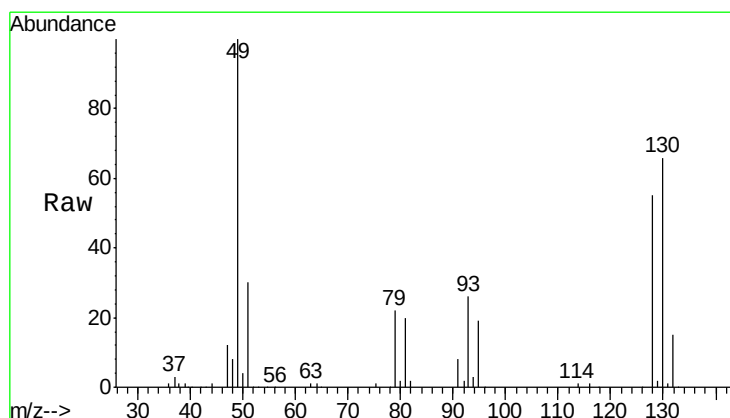
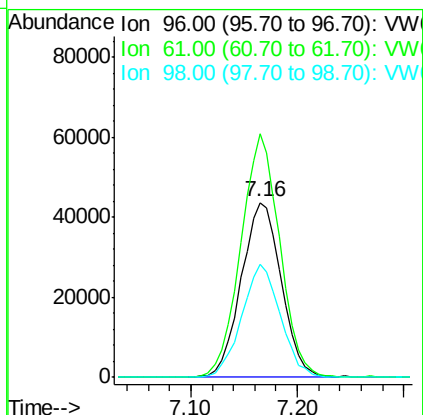
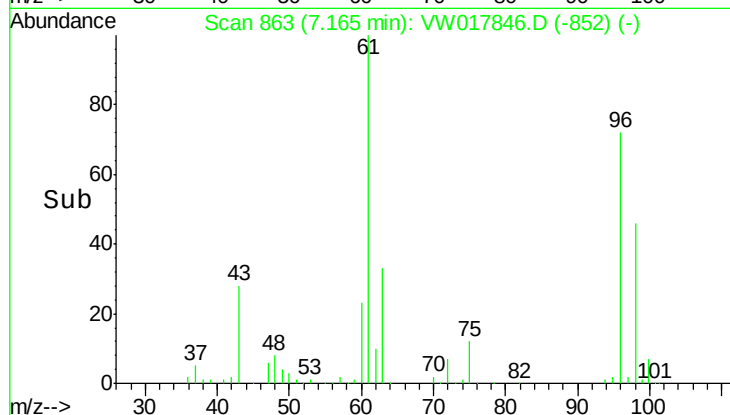
Tgt Ion: 96 Resp: 115500

Ion Ratio Lower Upper

96 100

61 139.2 88.2 163.8

98 64.4 43.7 81.1



#23

Bromochloromethane

Concen: 23.922 ug/L

RT: 7.51 min Scan# 920

Delta R.T. -0.00 min

Lab File: VW017846.D

Acq: 13 Jan 2021 14:05

Tgt Ion: 128 Resp: 48373

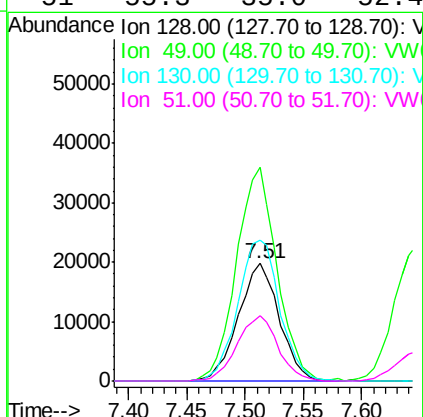
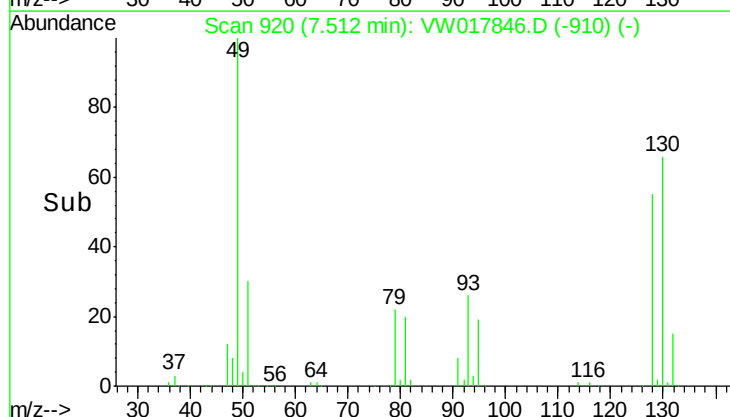
Ion Ratio Lower Upper

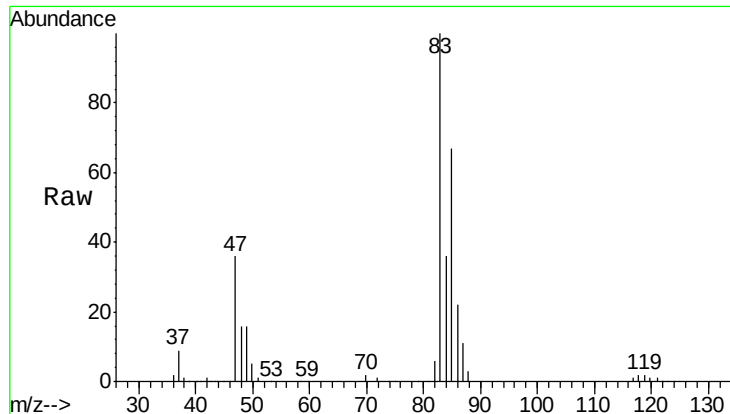
128 100

49 181.9 98.3 182.5

130 119.8 84.4 156.7

51 55.3 35.0 52.4#

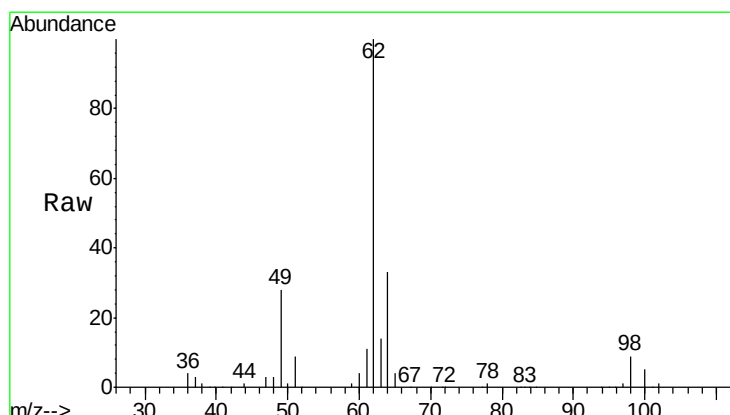
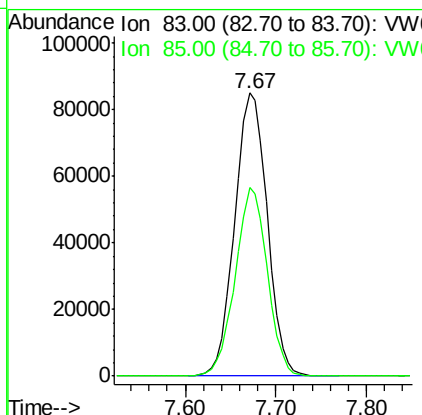
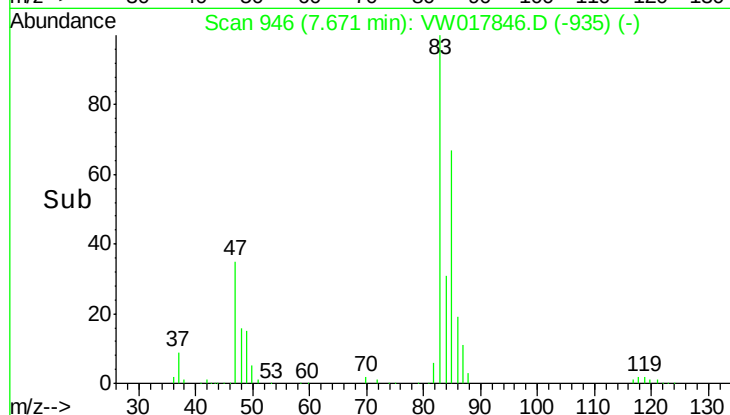




#25
 Chloroform
 Concen: 25.860 ug/L
 RT: 7.67 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

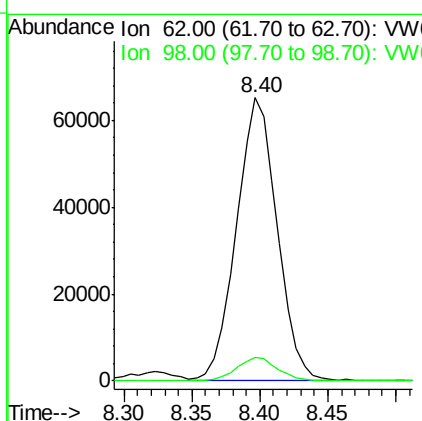
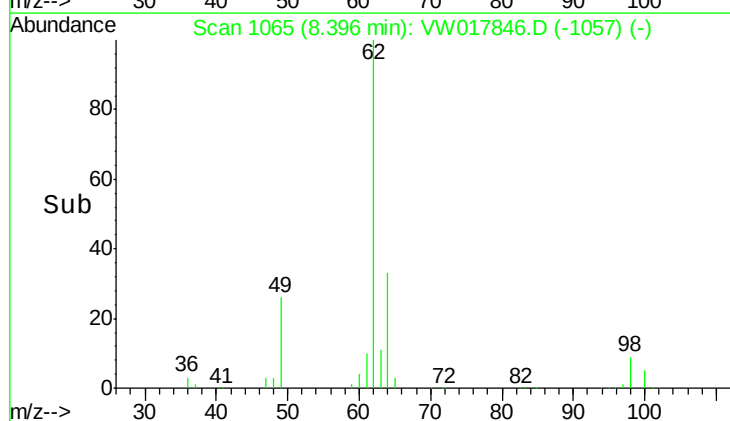
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

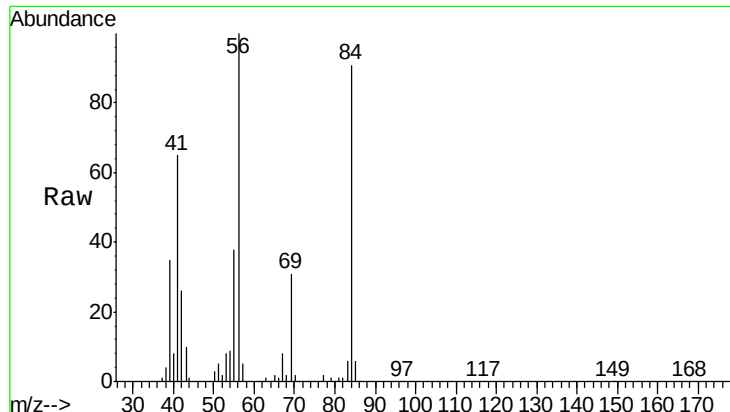
Tgt Ion: 83 Resp: 211178
 Ion Ratio Lower Upper
 83 100
 85 66.0 45.7 84.9



#27
 1,2-Dichloroethane
 Concen: 25.788 ug/L
 RT: 8.40 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion: 62 Resp: 136225
 Ion Ratio Lower Upper
 62 100
 98 8.5 6.3 9.5

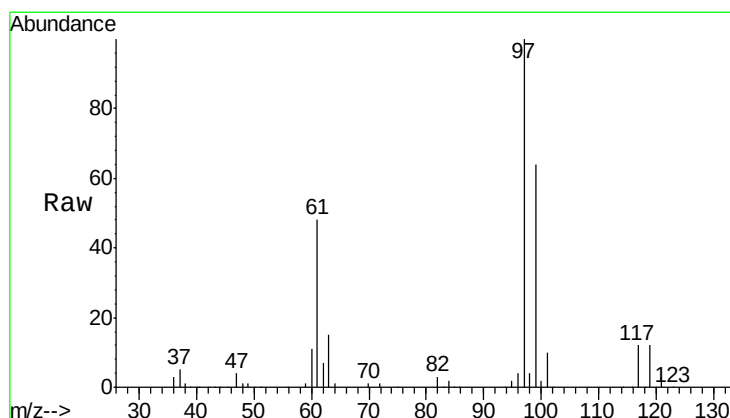
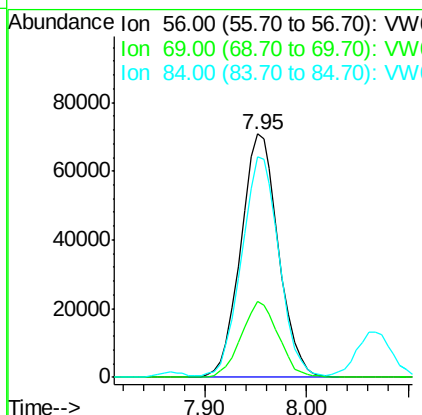
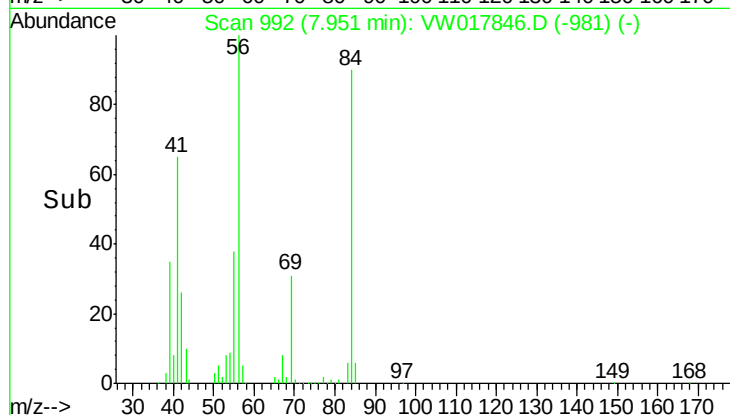




#30
 Cyclohexane
 Concen: 24.705 ug/L
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

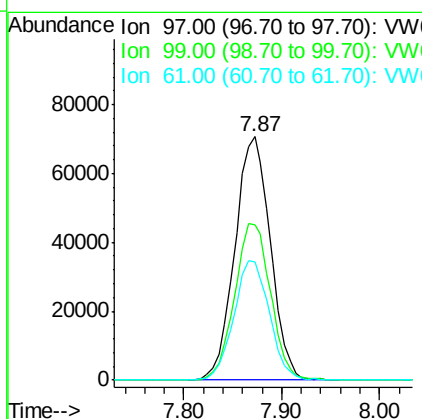
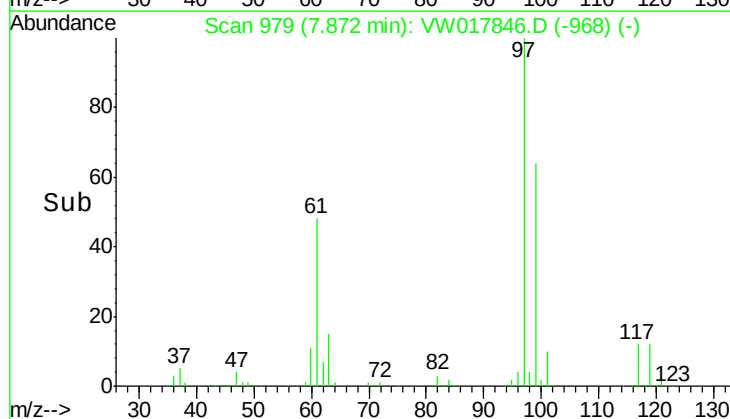
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

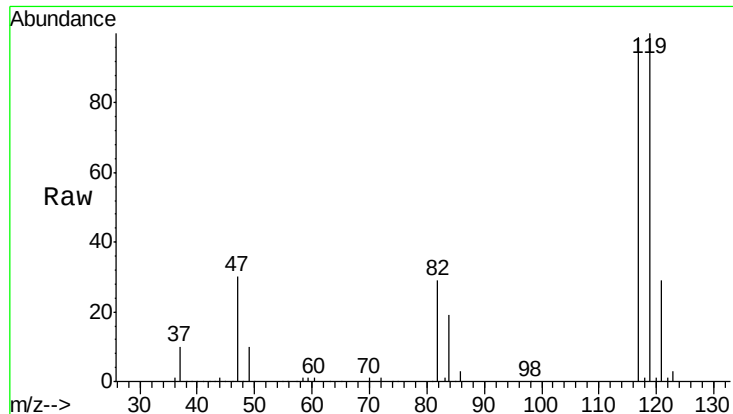
Tgt Ion:	56	Resp:	181797
Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.0	37.4
84	90.5	76.6	115.0



#31
 1,1,1-Trichloroethane
 Concen: 25.022 ug/L
 RT: 7.87 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion:	97	Resp:	177940
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	49.1	35.8	53.8

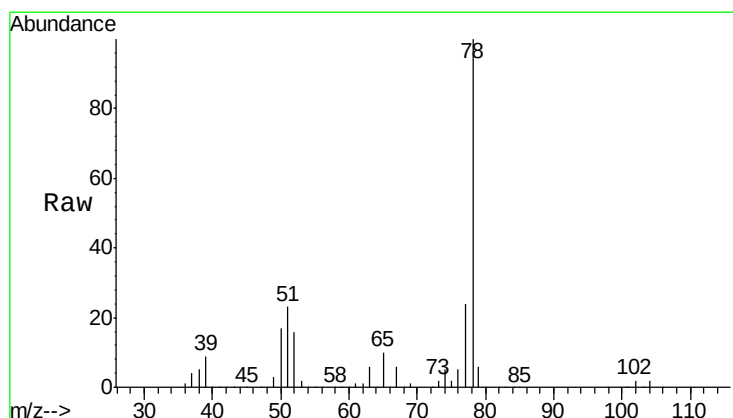
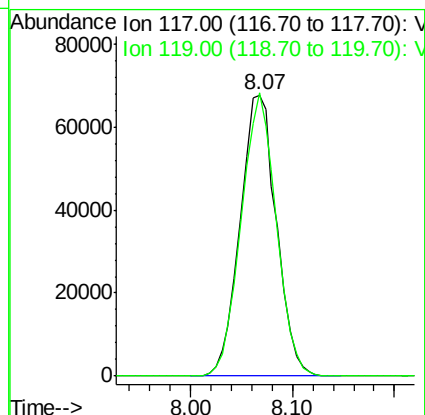
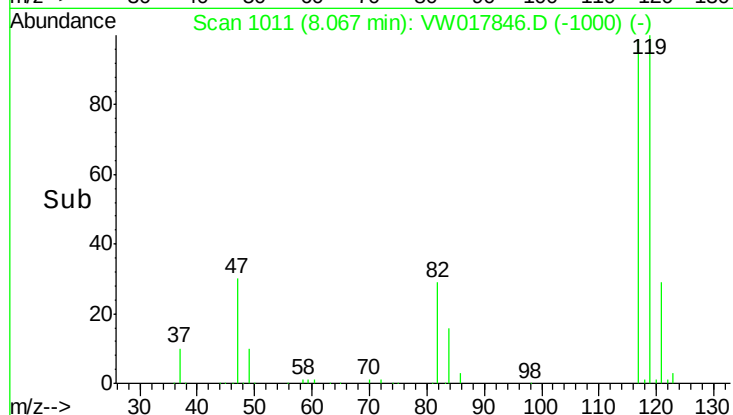




#32
Carbon tetrachloride
Concen: 24.910 ug/L
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

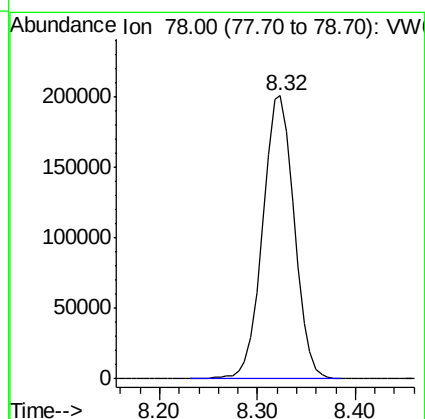
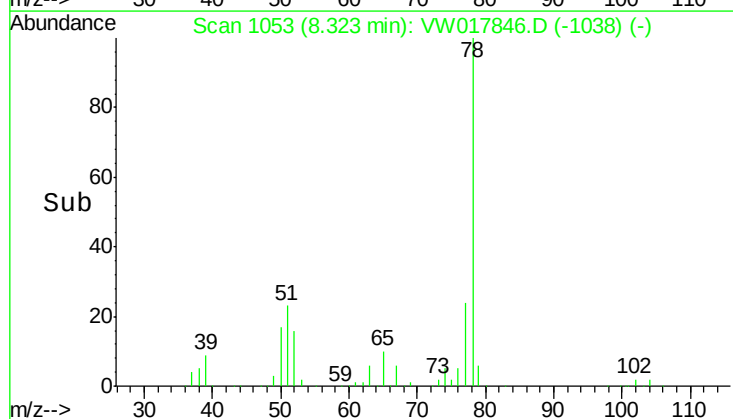
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

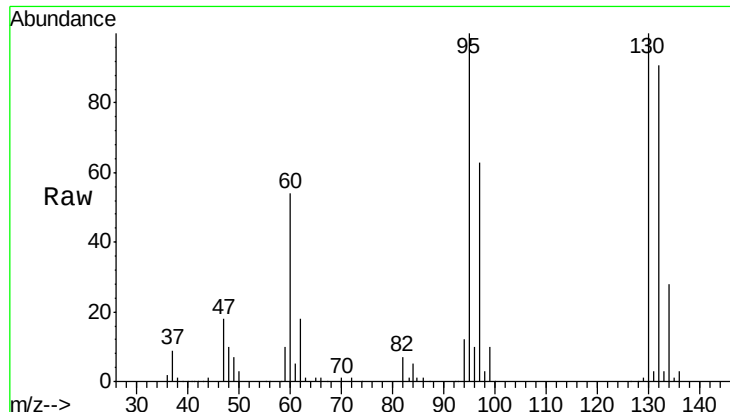
Tgt Ion:117 Resp: 167131
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7



#34
Benzene
Concen: 25.472 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

Tgt Ion: 78 Resp: 450257

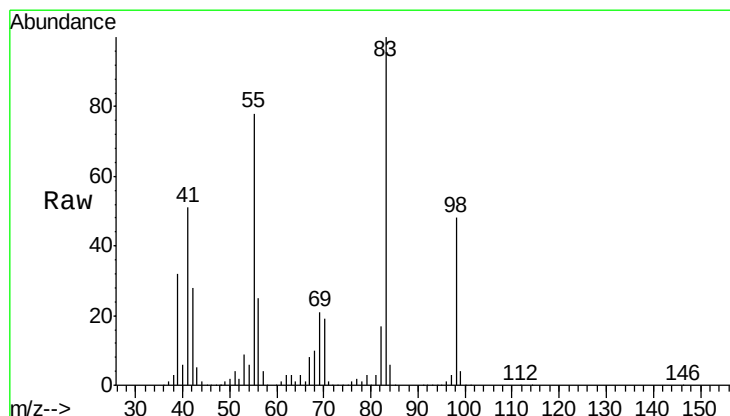
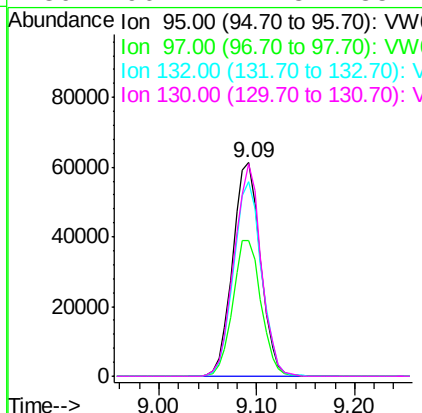
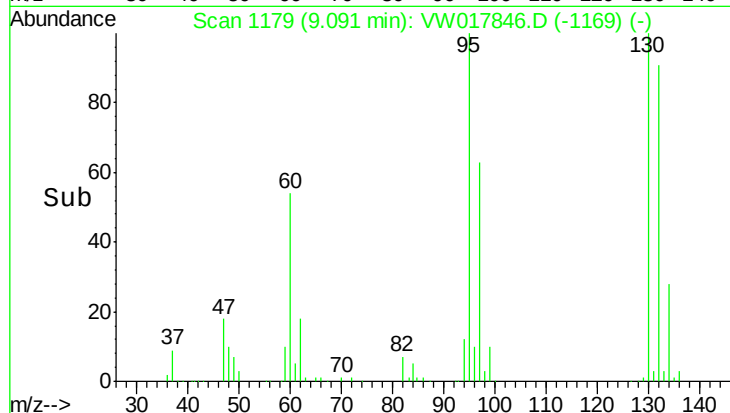




#35
 Trichloroethene
 Concen: 24.830 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

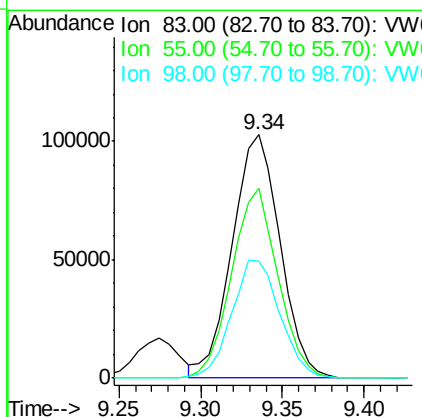
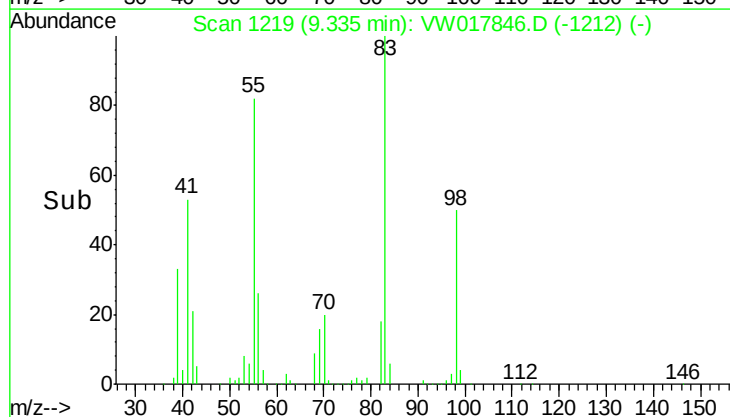
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

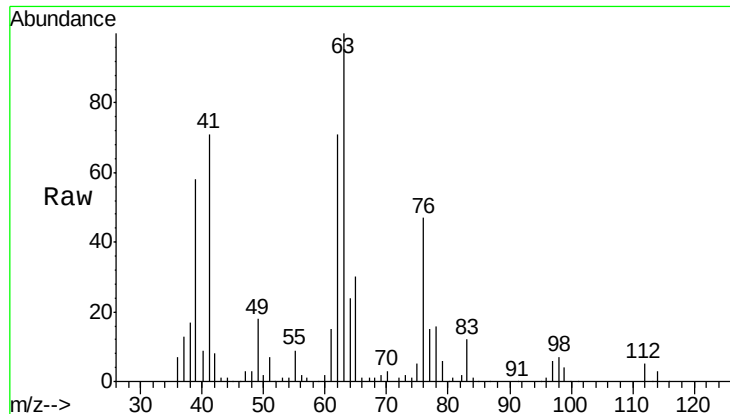
Tgt Ion: 95 Resp: 121490
 Ion Ratio Lower Upper
 95 100
 97 64.3 46.8 87.0
 132 90.8 68.3 126.9
 130 96.1 71.8 133.4



#36
 Methylcyclohexane
 Concen: 24.638 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion: 83 Resp: 210740
 Ion Ratio Lower Upper
 83 100
 55 75.4 57.6 86.4
 98 49.0 39.7 59.5

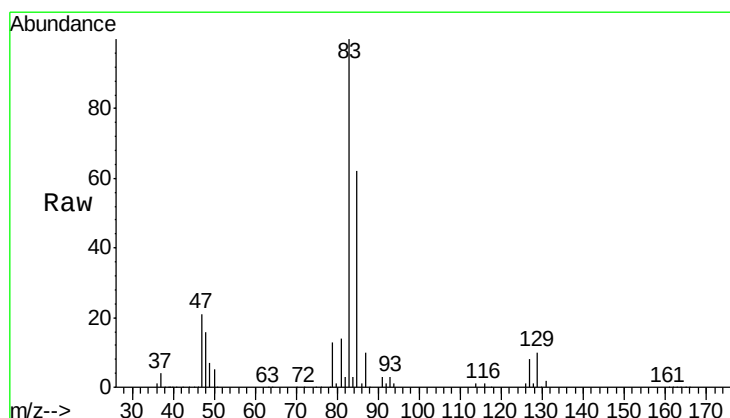
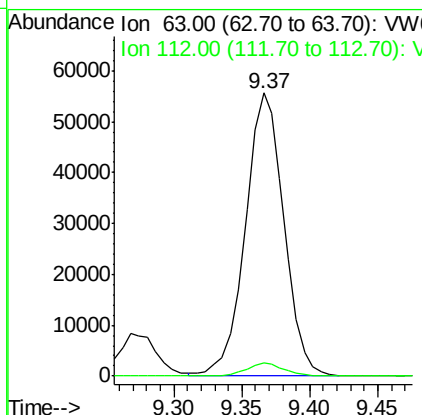
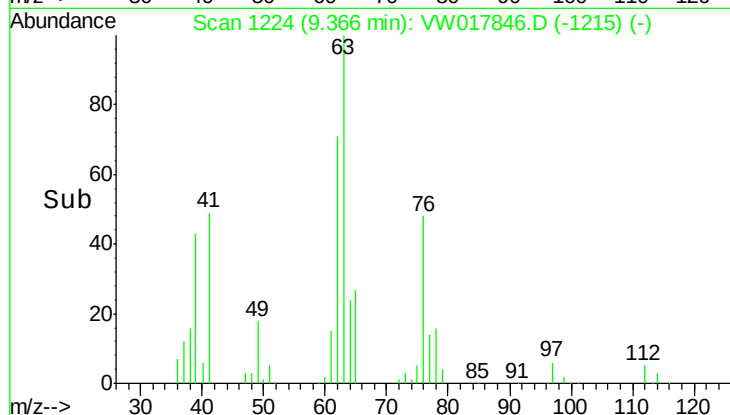




#40
 1,2-Dichloropropane
 Concen: 26.466 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

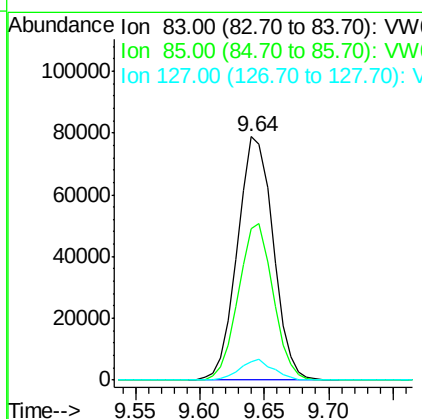
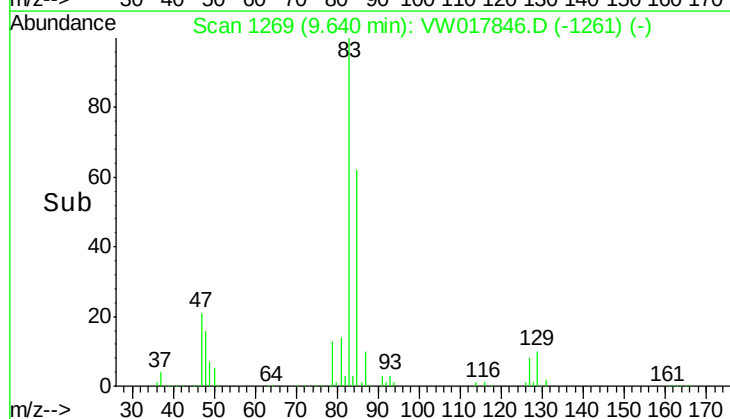
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

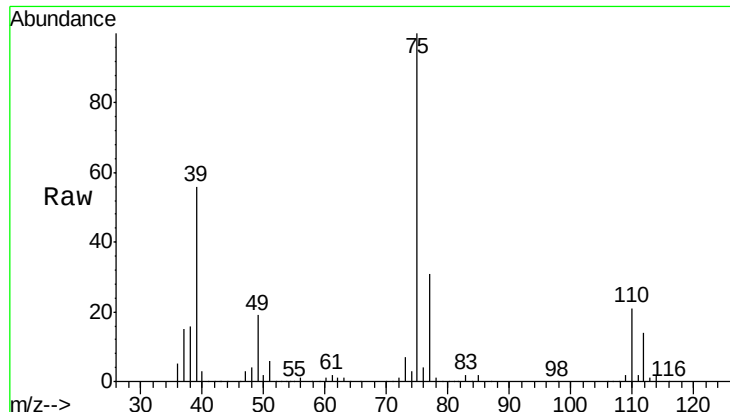
Tgt Ion: 63 Resp: 110442
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.6 5.4



#41
 Bromodichloromethane
 Concen: 26.569 ug/L
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion: 83 Resp: 151768
 Ion Ratio Lower Upper
 83 100
 85 62.3 44.5 82.7
 127 7.8 6.9 10.3





#42

cis-1,3-Dichloropropene

Concen: 25.950 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW017846.D

Acq: 13 Jan 2021 14:05

Instrument :

MSVOA_W

ClientSampled :

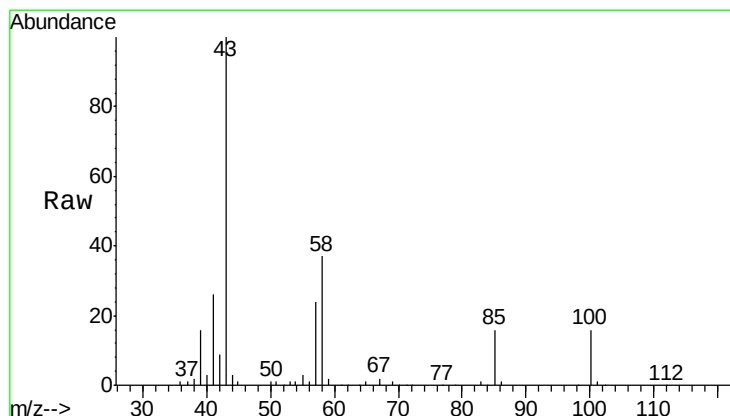
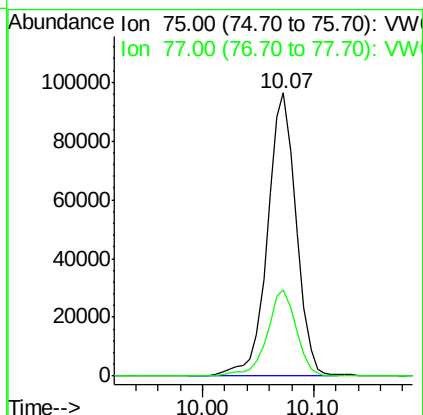
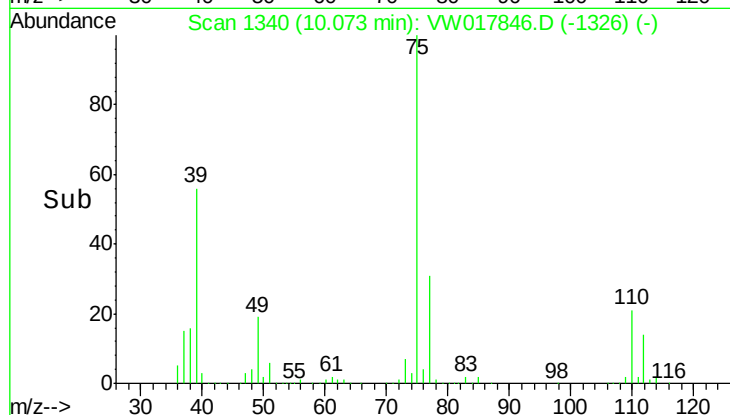
VSTD02517

Tgt Ion: 75 Resp: 172807

Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.2



#43

4-Methyl-2-pentanone

Concen: 52.627 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW017846.D

Acq: 13 Jan 2021 14:05

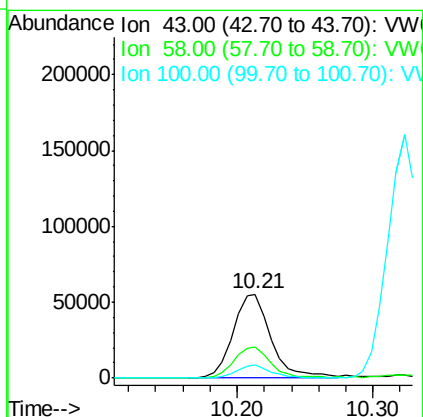
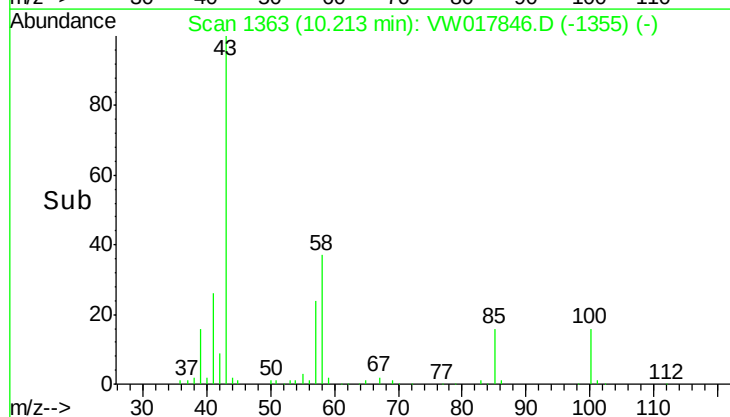
Tgt Ion: 43 Resp: 106694

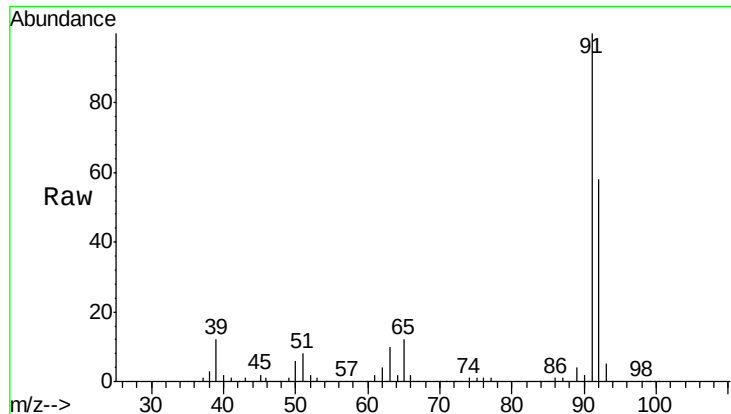
Ion Ratio Lower Upper

43 100

58 36.0 31.0 46.4

100 14.7 13.5 20.3





#44

Toluene

Concen: 24.676 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW017846.D

Acq: 13 Jan 2021 14:05

Instrument :

MSVOA_W

ClientSampleId :

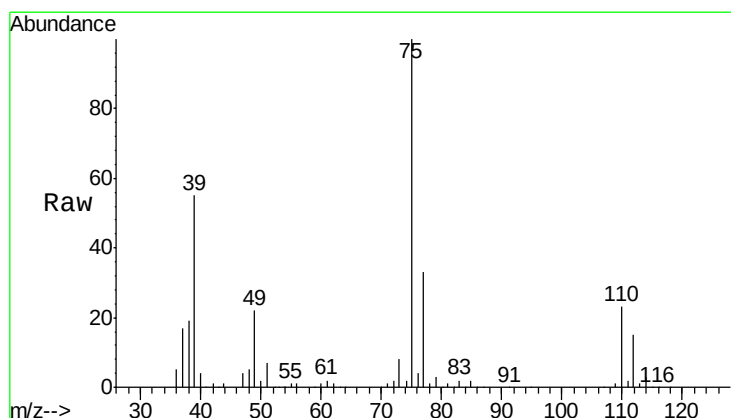
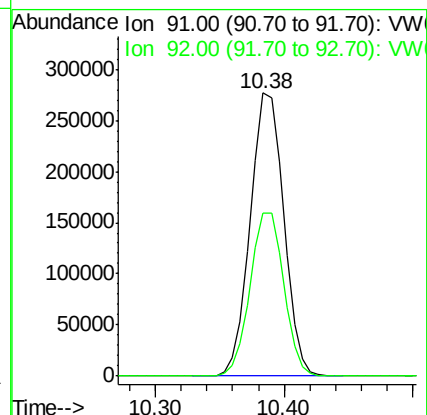
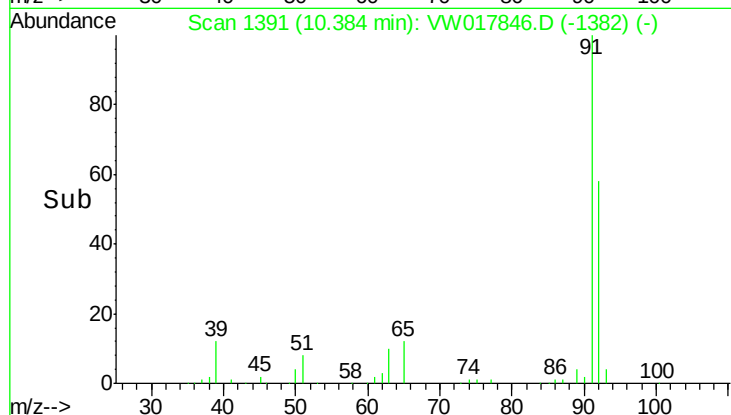
VSTD02517

Tgt Ion: 91 Resp: 497391

Ion Ratio Lower Upper

91 100

92 57.6 41.0 76.2



#45

trans-1,3-Dichloropropene

Concen: 25.081 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW017846.D

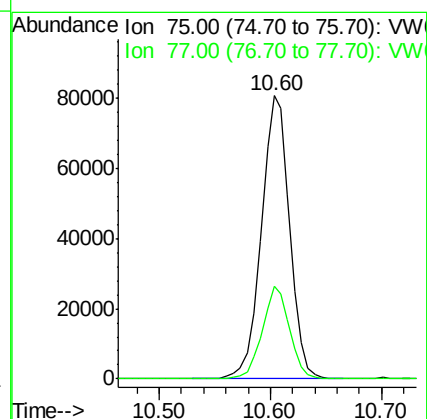
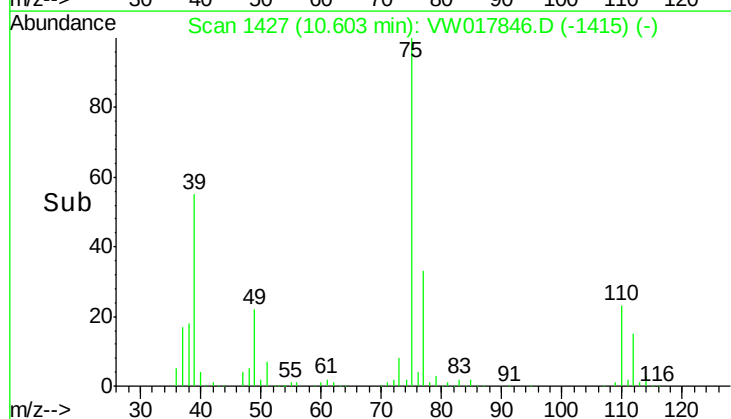
Acq: 13 Jan 2021 14:05

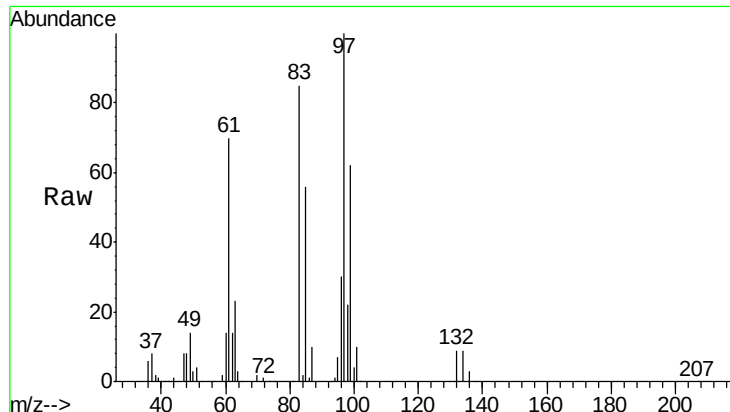
Tgt Ion: 75 Resp: 142226

Ion Ratio Lower Upper

75 100

77 32.8 21.6 40.0



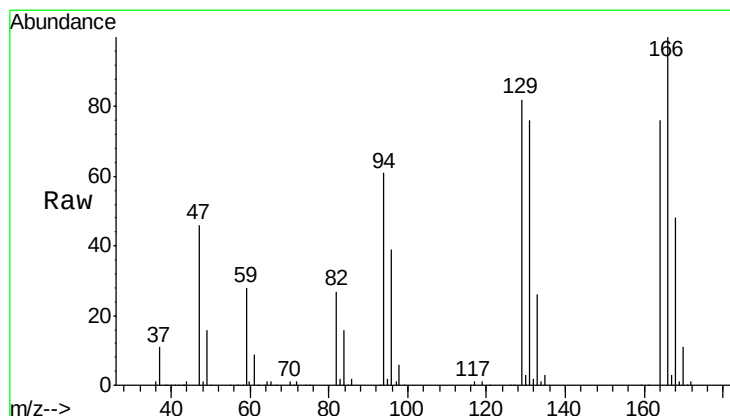
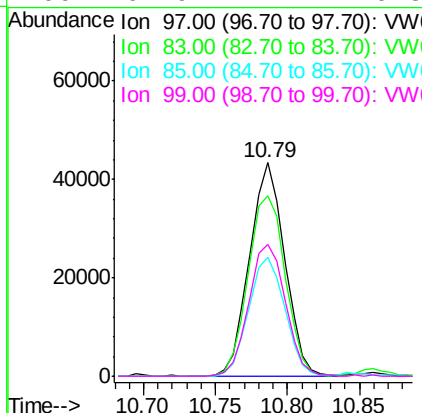
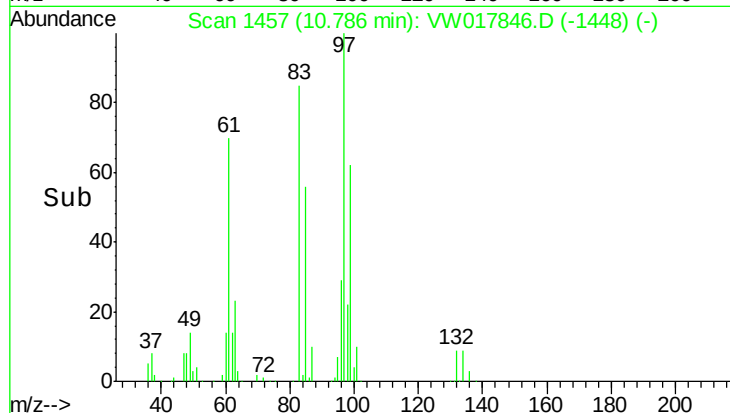


#46
 1,1,2-Trichloroethane
 Concen: 23.655 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Tgt Ion: 97 Resp: 73372

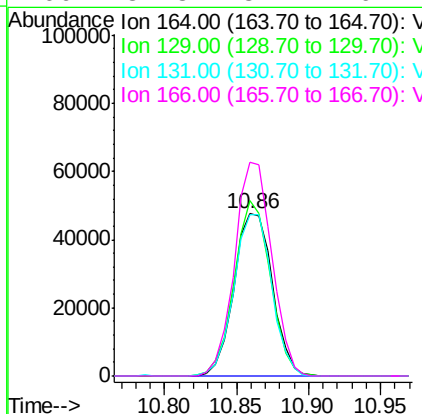
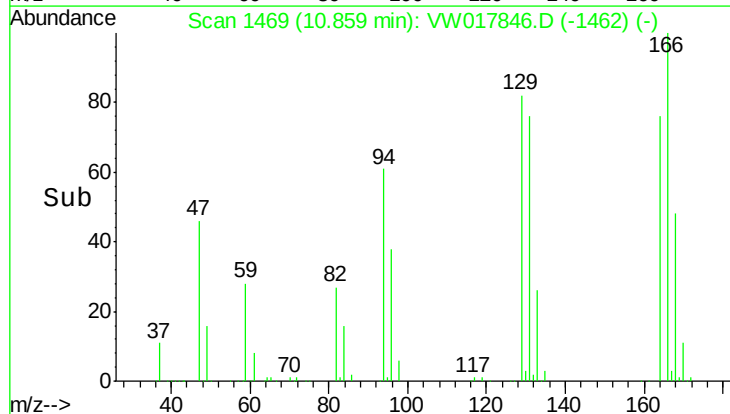
Ion	Ratio	Lower	Upper
97	100		
83	84.7	58.9	109.5
85	55.5	37.1	68.9
99	61.9	42.7	79.3

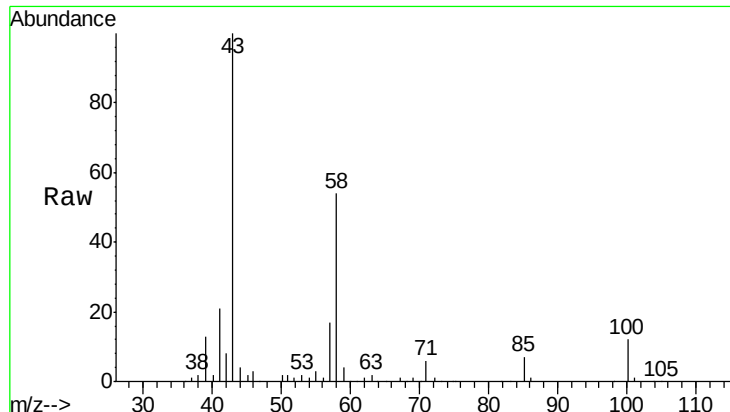


#47
 Tetrachloroethene
 Concen: 23.047 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion: 164 Resp: 88166

Ion	Ratio	Lower	Upper
164	100		
129	108.5	62.9	116.9
131	99.6	63.8	118.6
166	131.8	87.4	162.2



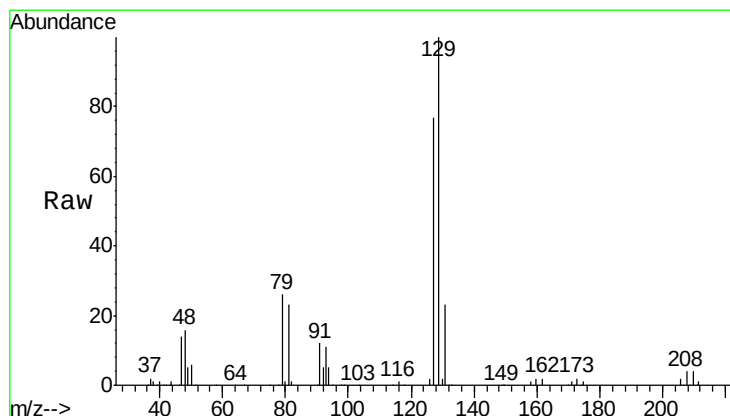
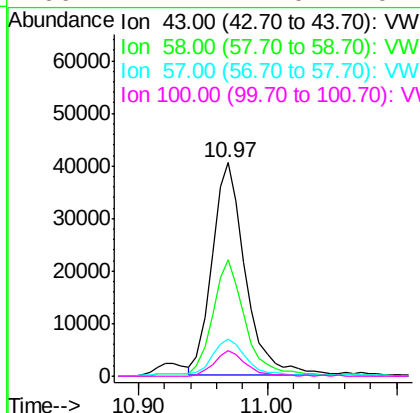
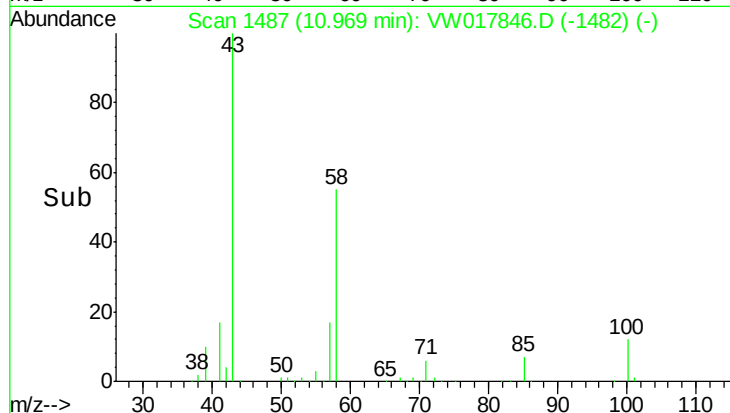


#49
 2-Hexanone
 Concen: 51.153 ug/L
 RT: 10.97 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Tgt Ion: 43 Resp: 73579

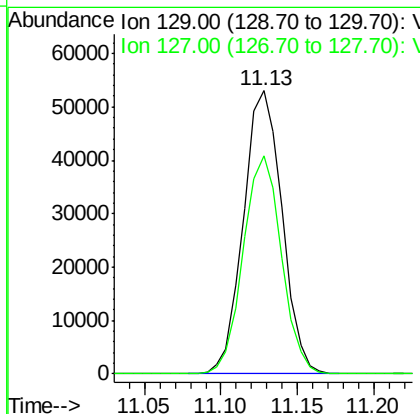
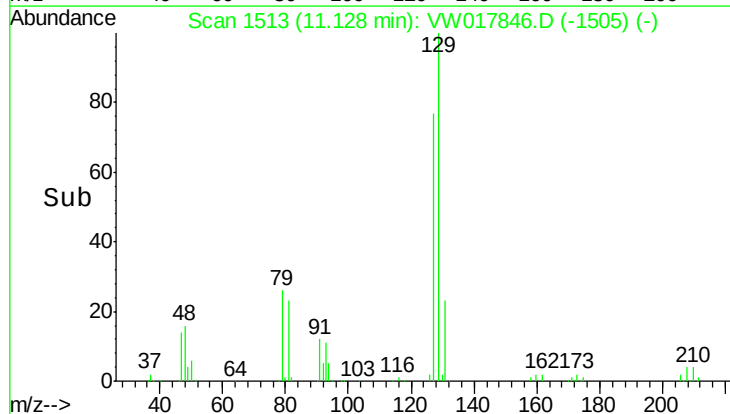
Ion	Ratio	Lower	Upper
43	100		
58	51.5	44.2	66.4
57	17.8	16.1	24.1
100	11.4	11.0	16.4

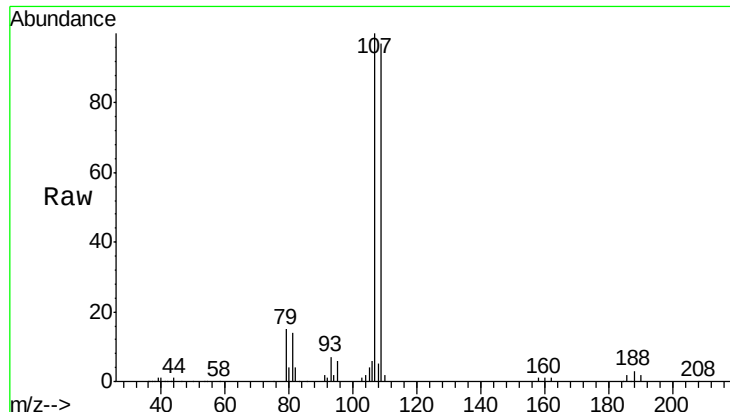


#50
 Dibromochloromethane
 Concen: 25.348 ug/L
 RT: 11.13 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion: 129 Resp: 93342

Ion	Ratio	Lower	Upper
129	100		
127	76.9	56.1	104.3

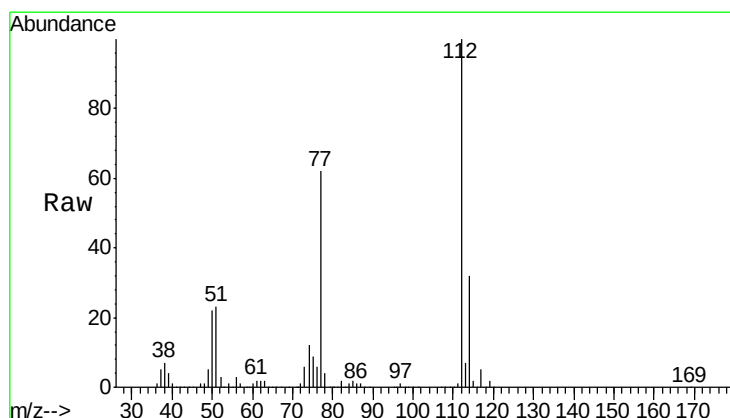
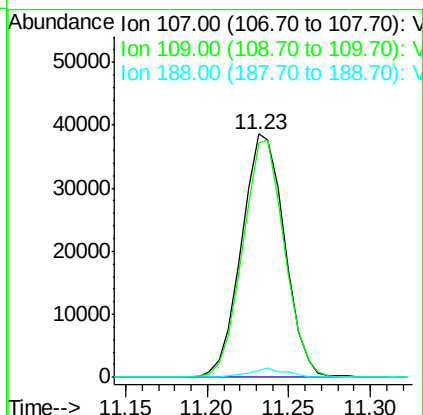
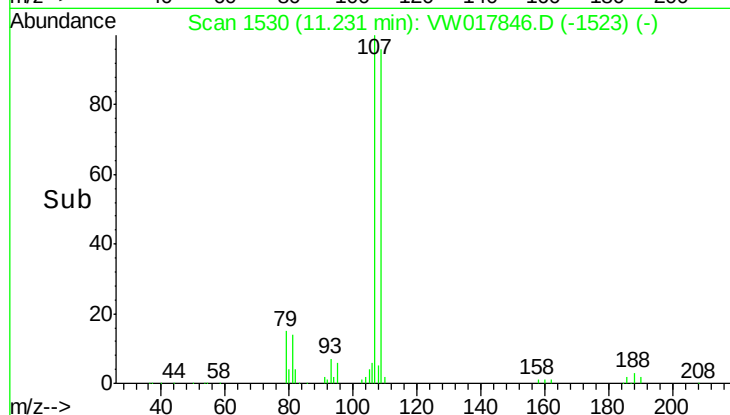




#51
1,2-Dibromoethane
Concen: 24.071 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

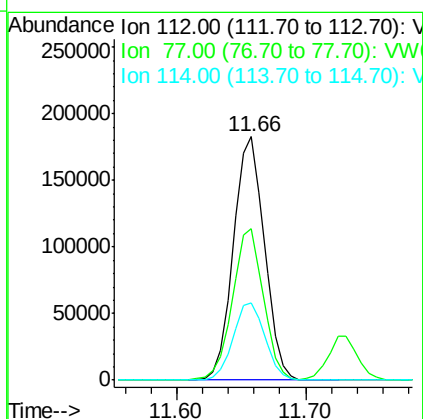
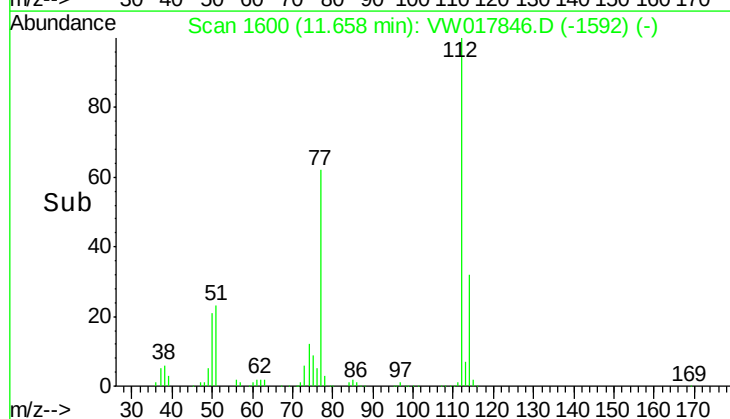
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

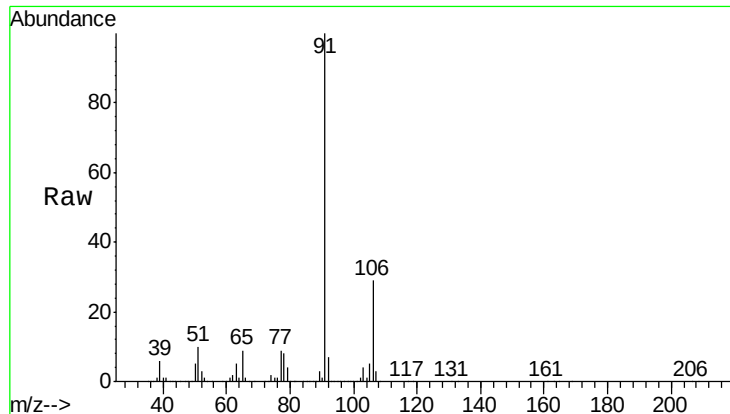
Tgt Ion:107 Resp: 70684
Ion Ratio Lower Upper
107 100
109 96.5 68.5 127.1
188 2.7 2.7 4.1



#52
Chlorobenzene
Concen: 24.313 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

Tgt Ion:112 Resp: 305935
Ion Ratio Lower Upper
112 100
77 62.3 43.4 65.2
114 31.9 21.6 40.2

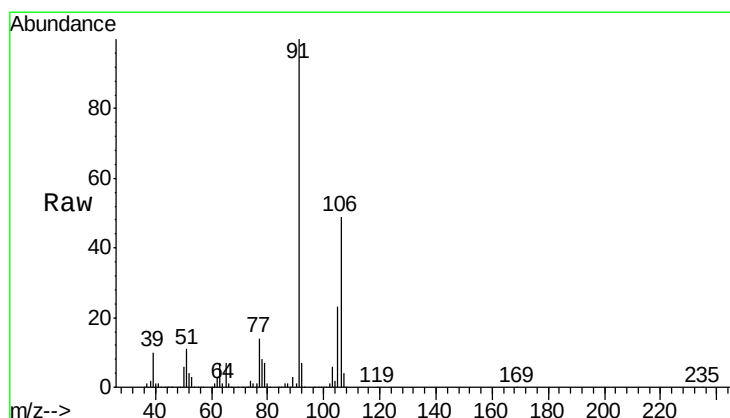
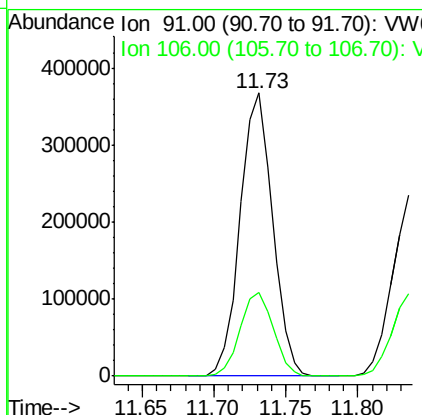
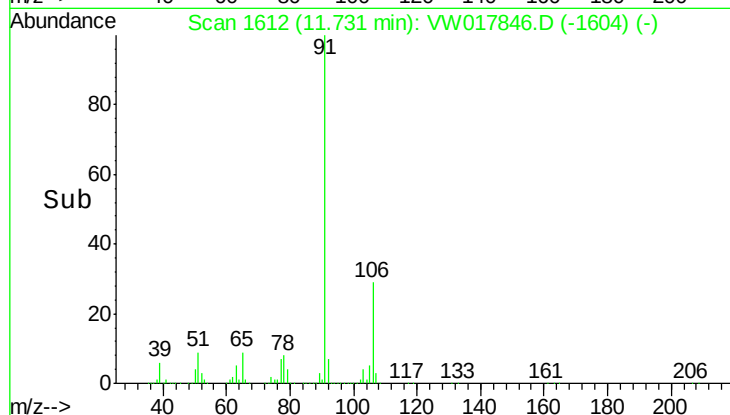




#53
Ethylbenzene
Concen: 25.175 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

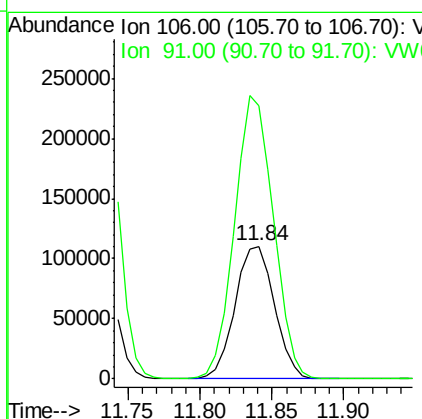
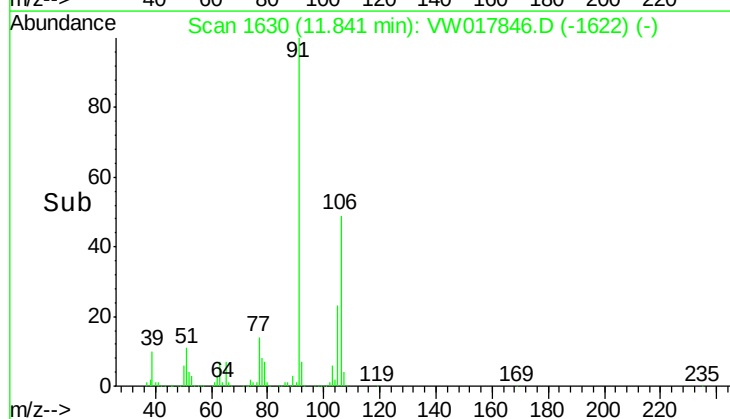
Instrument :
MSVOA_W
ClientSampled :
VSTD02517

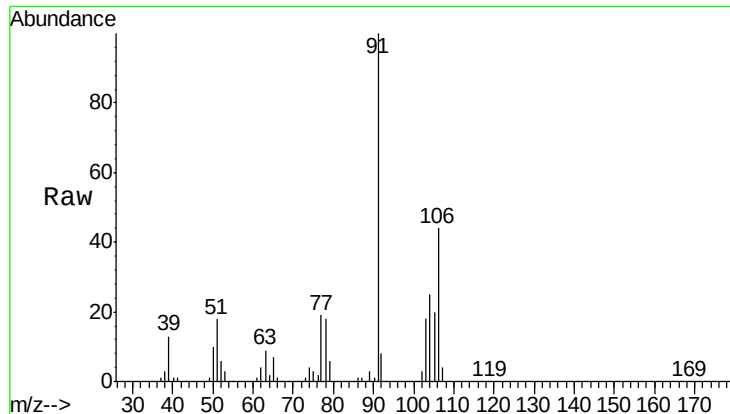
Tgt Ion: 91 Resp: 575755
Ion Ratio Lower Upper
91 100
106 29.5 22.0 41.0



#54
m,p-Xylene
Concen: 23.466 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

Tgt Ion: 106 Resp: 209938
Ion Ratio Lower Upper
106 100
91 205.2 141.6 263.0

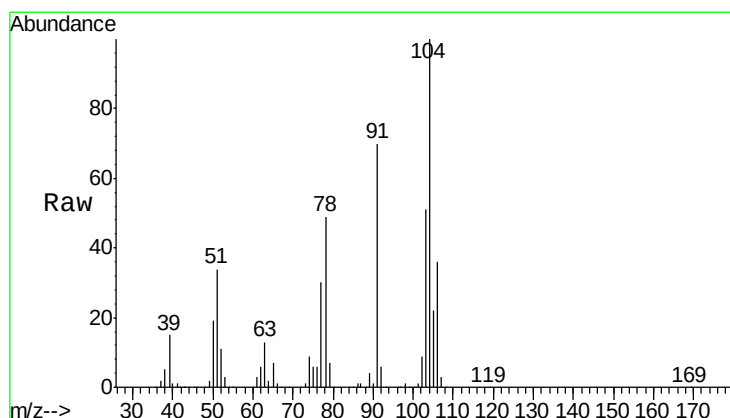
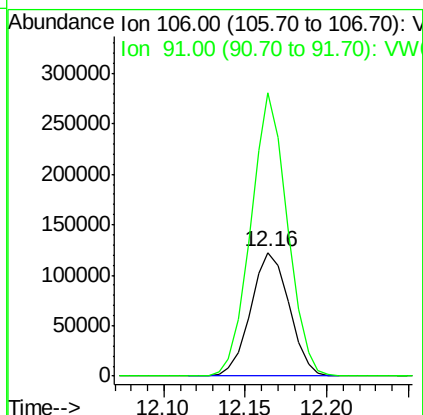
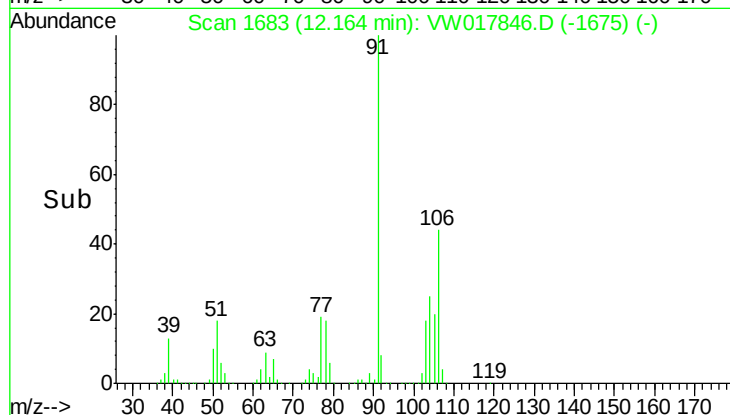




#55
o-xylene
Concen: 23.784 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

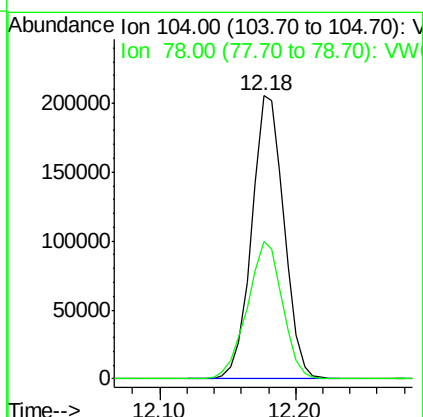
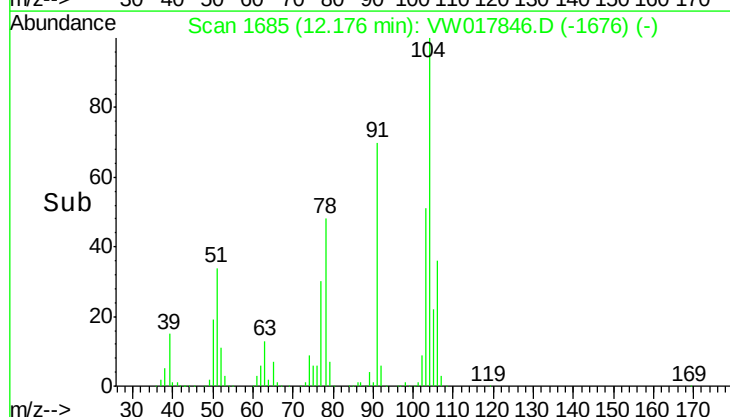
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

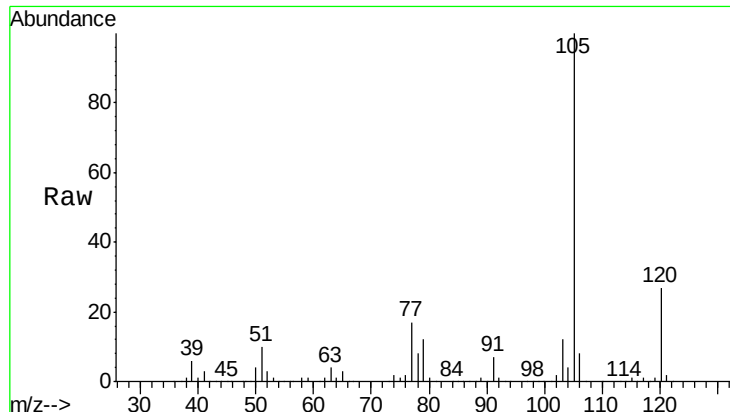
Tgt Ion:106 Resp: 200115
Ion Ratio Lower Upper
106 100
91 229.4 145.7 270.7



#56
Styrene
Concen: 24.412 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

Tgt Ion:104 Resp: 341658
Ion Ratio Lower Upper
104 100
78 48.5 31.6 58.8





#57

Isopropylbenzene

Concen: 24.436 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW017846.D

Acq: 13 Jan 2021 14:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD02517

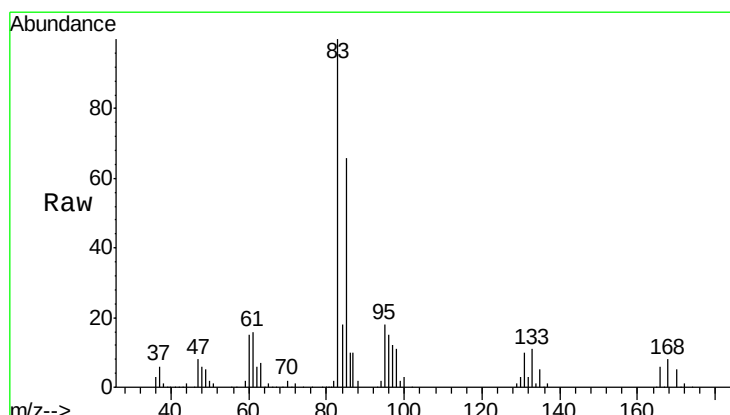
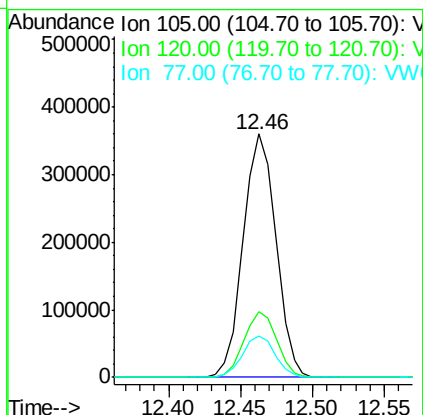
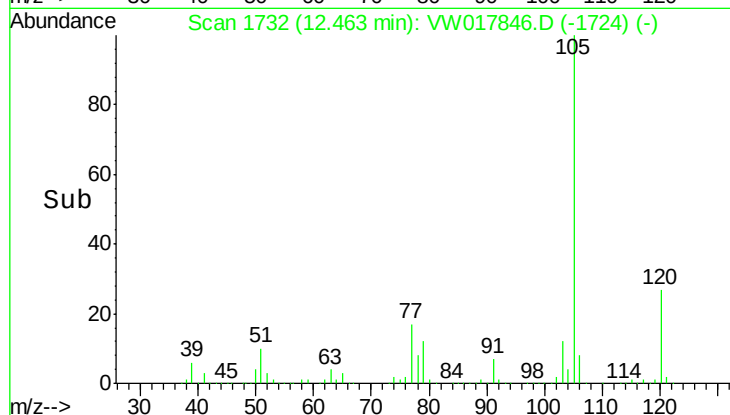
Tgt Ion:105 Resp: 569211

Ion Ratio Lower Upper

105 100

120 26.7 21.4 32.2

77 16.9 12.7 19.1



#58

1,1,2,2-Tetrachloroethane

Concen: 24.634 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW017846.D

Acq: 13 Jan 2021 14:05

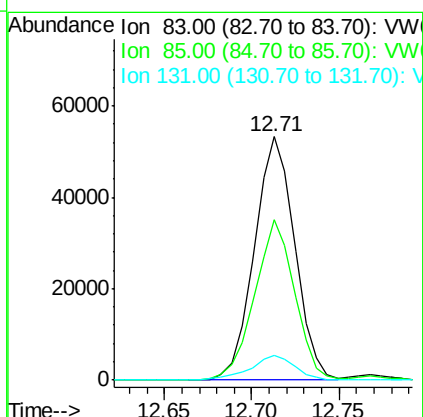
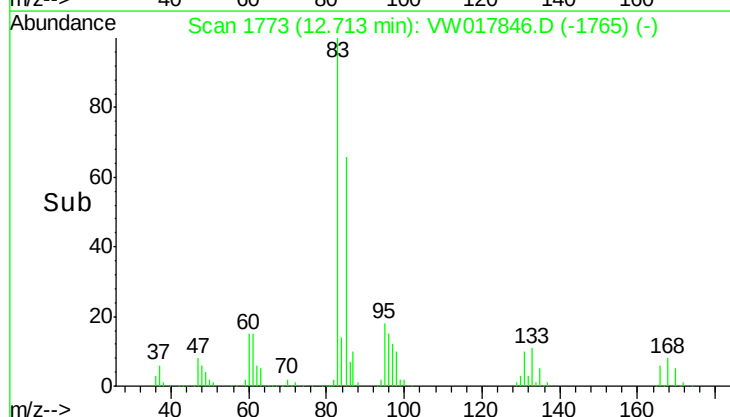
Tgt Ion: 83 Resp: 85286

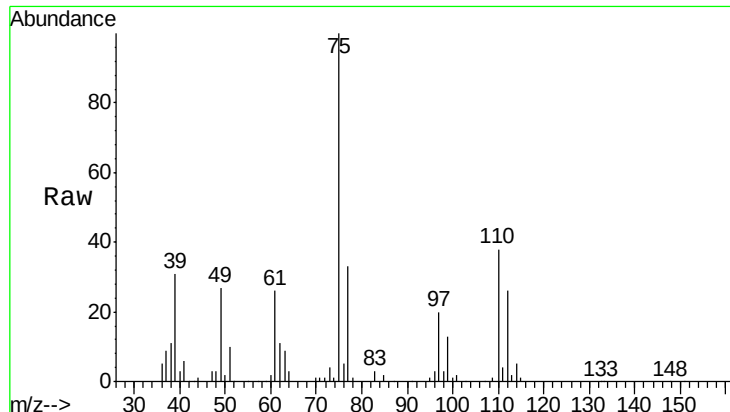
Ion Ratio Lower Upper

83 100

85 66.1 45.6 84.8

131 10.0 7.8 11.8

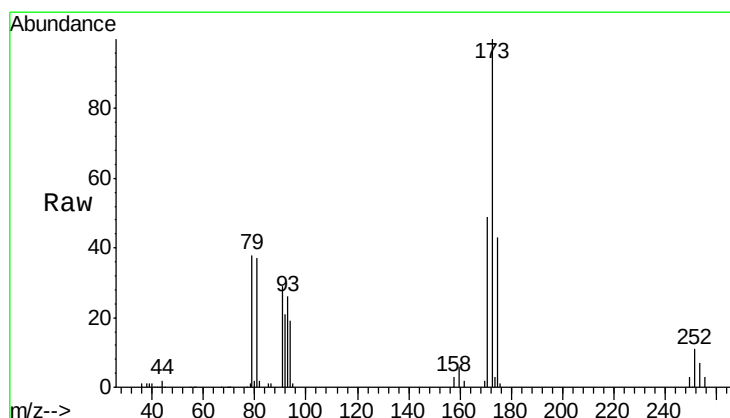
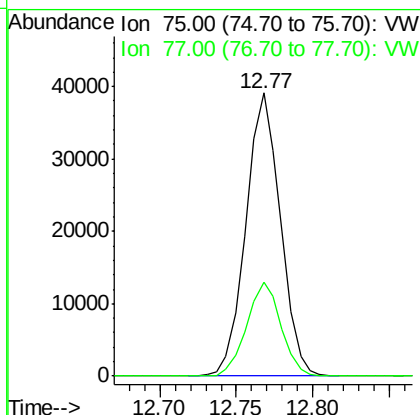
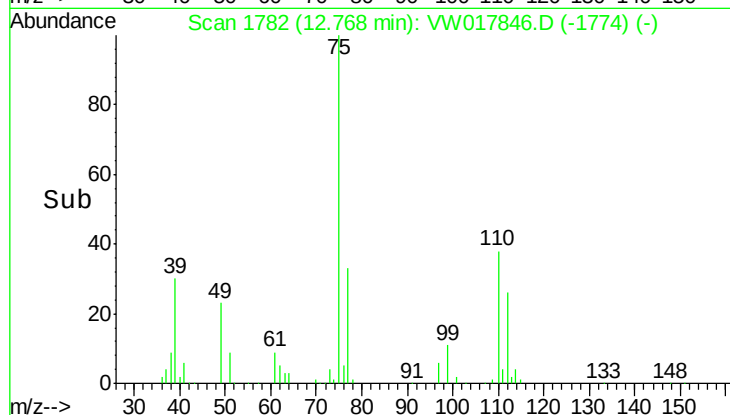




#59
 1,2,3-Trichloropropane
 Concen: 24.058 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

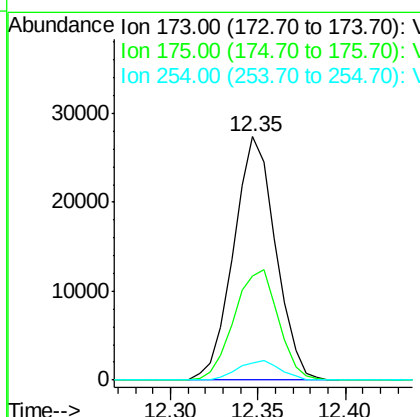
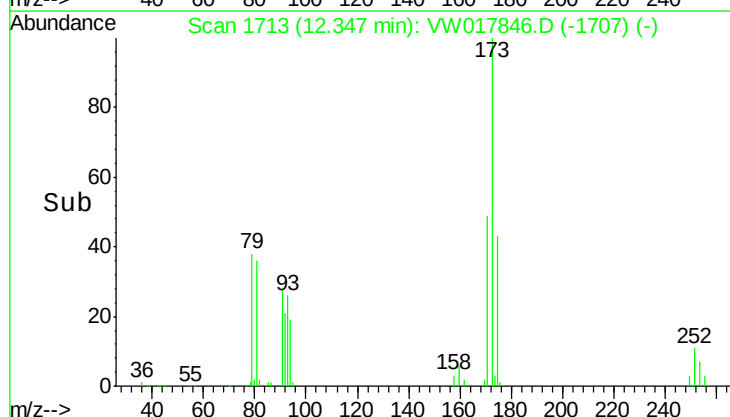
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

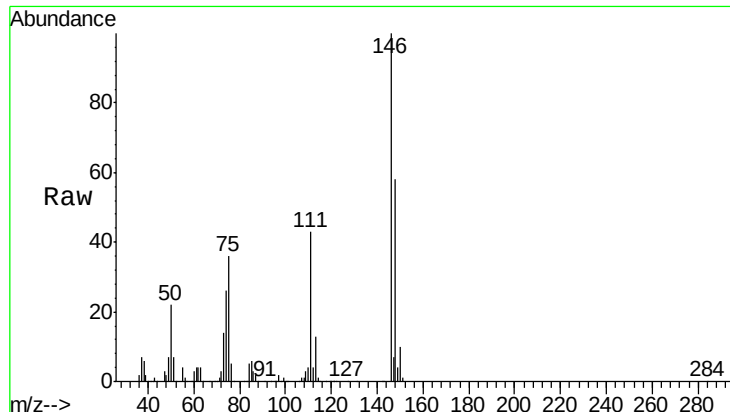
Tgt Ion: 75 Resp: 61225
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0



#62
 Bromoform
 Concen: 24.918 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion: 173 Resp: 45766
 Ion Ratio Lower Upper
 173 100
 175 47.7 38.1 57.1
 254 8.1 6.7 10.1

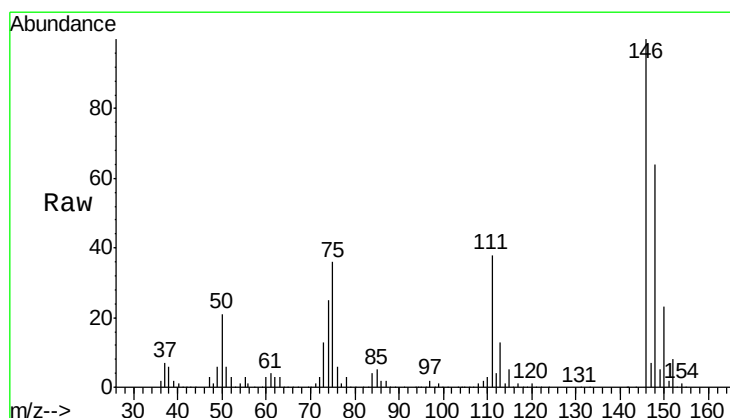
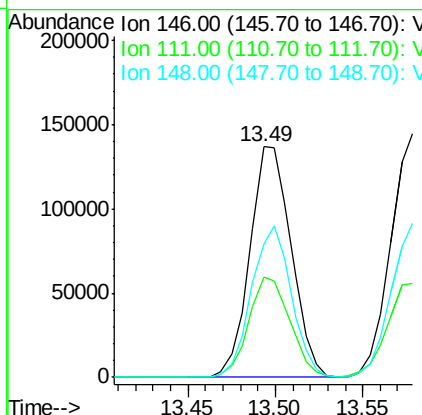
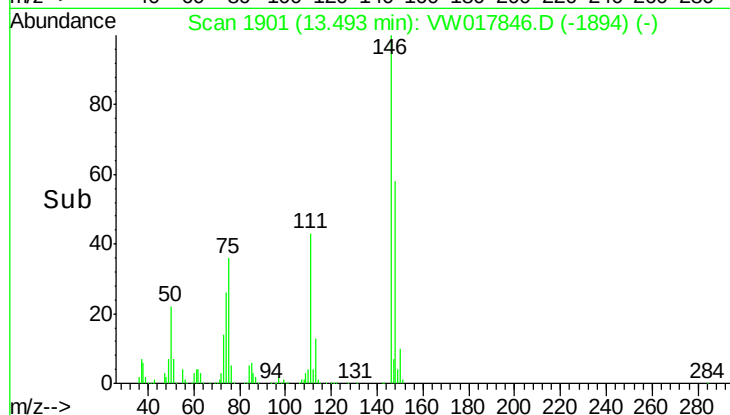




#63
 1,3-Dichlorobenzene
 Concen: 24.290 ug/L
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

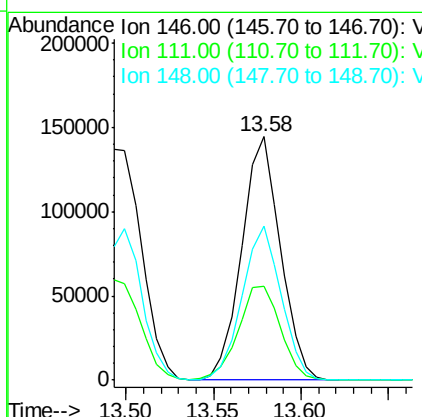
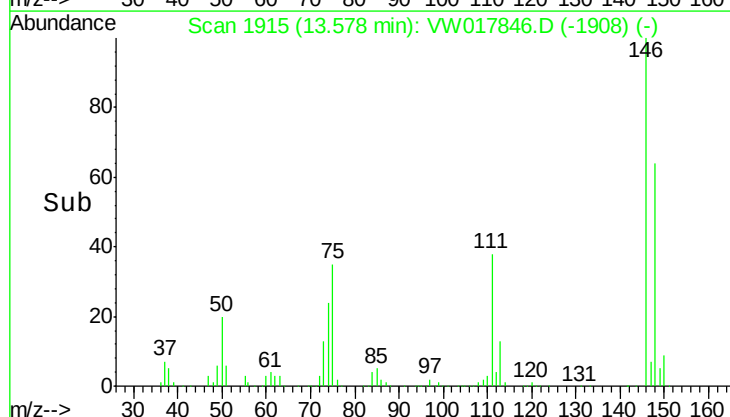
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

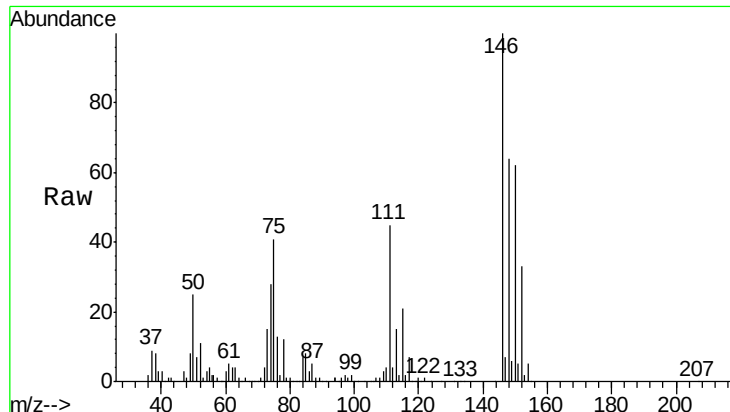
Tgt Ion:146 Resp: 225046
 Ion Ratio Lower Upper
 146 100
 111 43.4 29.5 54.7
 148 57.9 47.7 88.5



#64
 1,4-Dichlorobenzene
 Concen: 23.941 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion:146 Resp: 222900
 Ion Ratio Lower Upper
 146 100
 111 38.4 27.7 51.5
 148 63.5 44.2 82.2

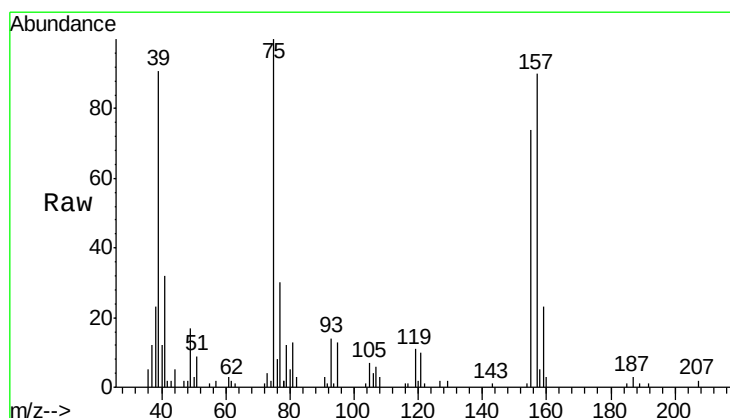
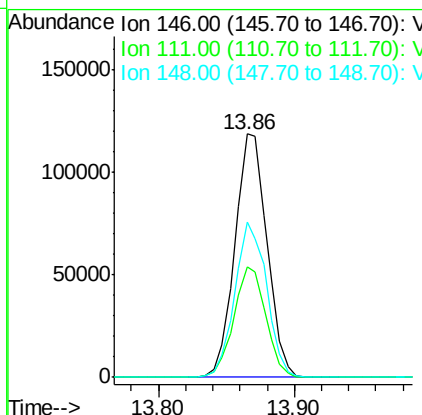
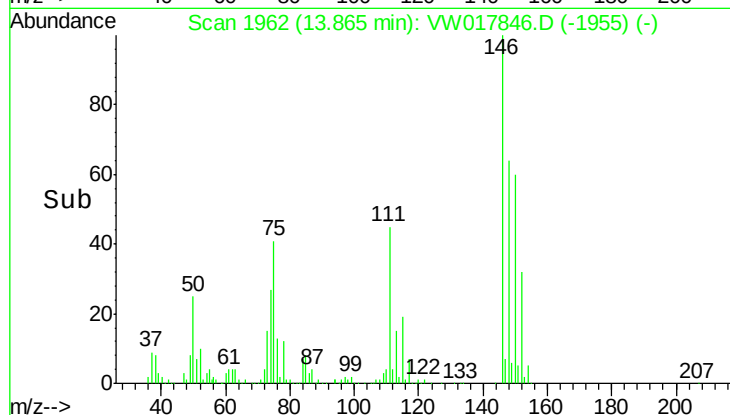




#65
 1,2-Dichlorobenzene
 Concen: 24.021 ug/L
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

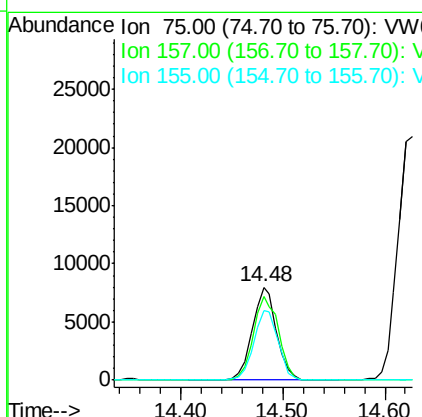
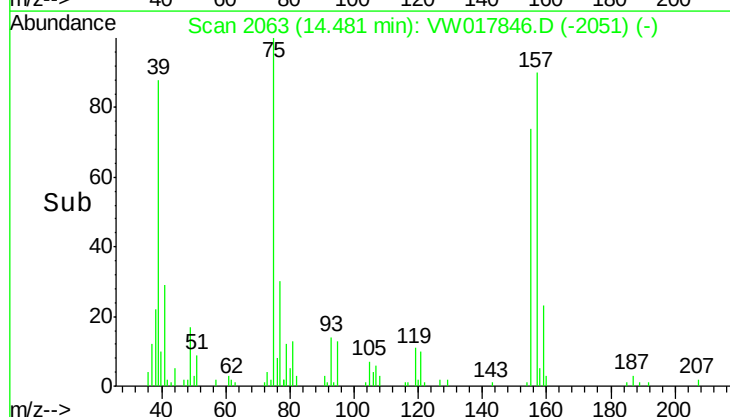
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

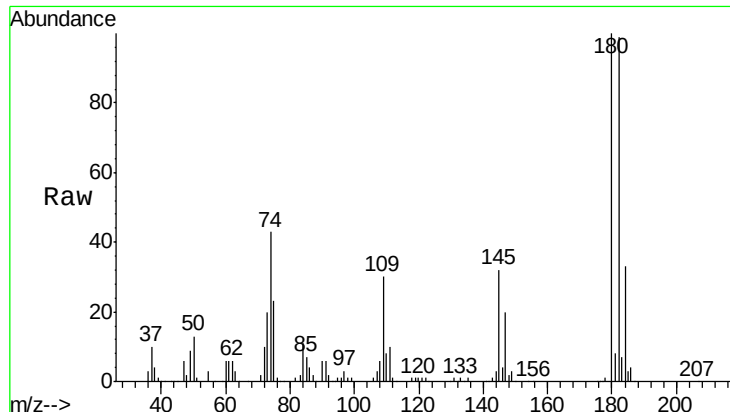
Tgt Ion:146 Resp: 195551
 Ion Ratio Lower Upper
 146 100
 111 45.3 34.4 51.6
 148 63.6 50.6 76.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 24.870 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion: 75 Resp: 13335
 Ion Ratio Lower Upper
 75 100
 157 89.7 70.2 105.4
 155 74.4 59.8 89.6

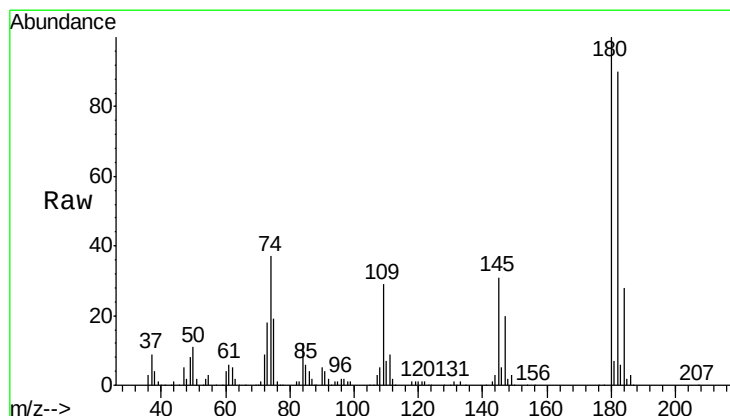
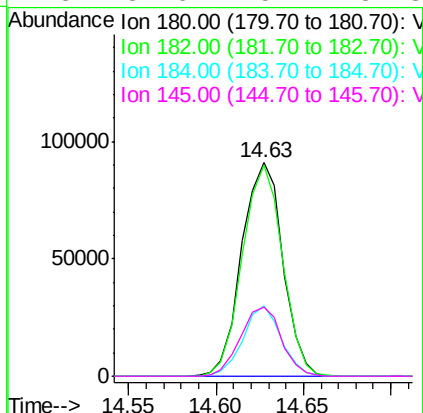
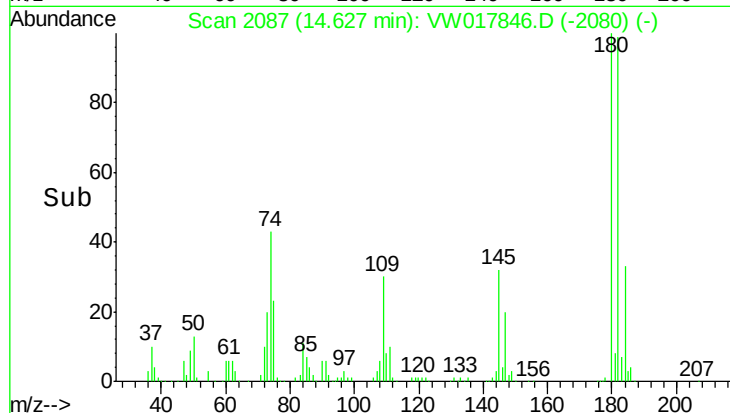




#67
 1,3,5-Trichlorobenzene
 Concen: 23.453 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

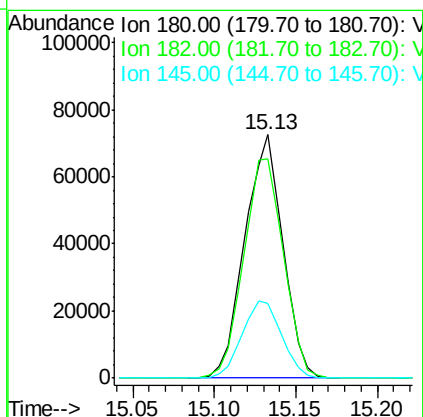
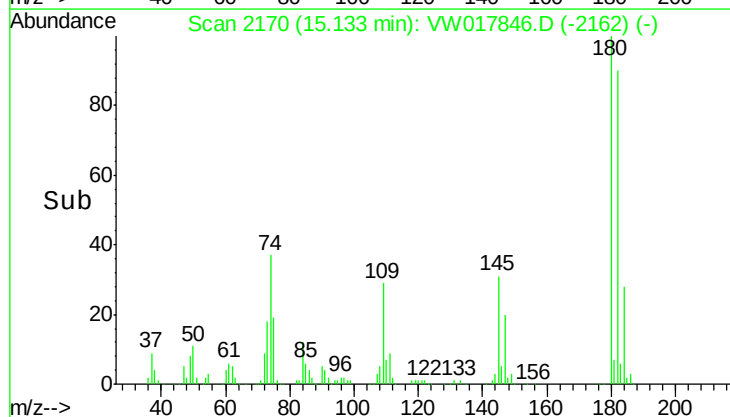
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

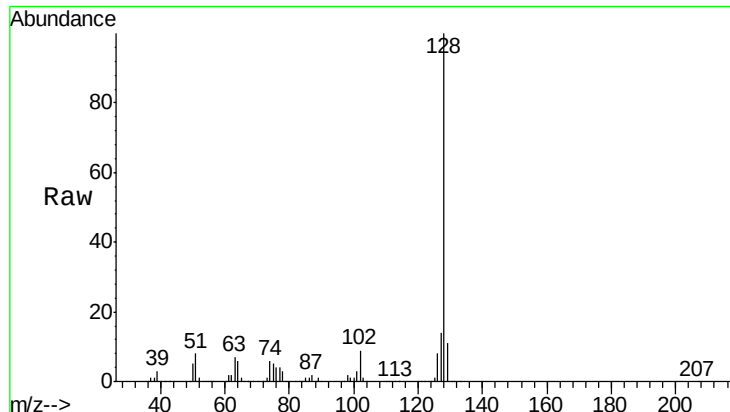
Tgt Ion:	180	Resp:	148963
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.2	114.2
184	30.5	23.6	35.4
145	32.6	25.2	37.8



#68
 1,2,4-trichlorobenzene
 Concen: 22.625 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW017846.D
 Acq: 13 Jan 2021 14:05

Tgt Ion:	180	Resp:	118283
Ion	Ratio	Lower	Upper
180	100		
182	94.4	73.0	109.6
145	32.9	25.8	38.6

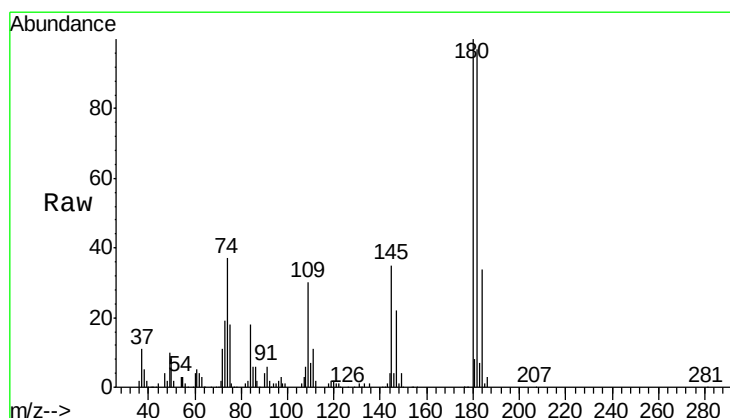
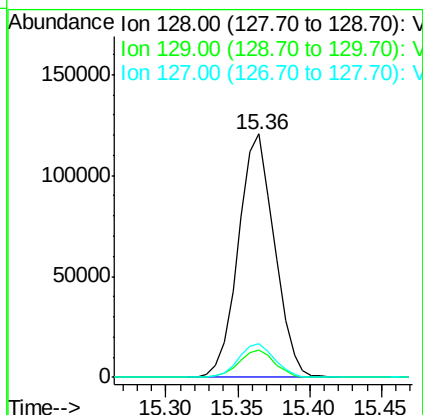
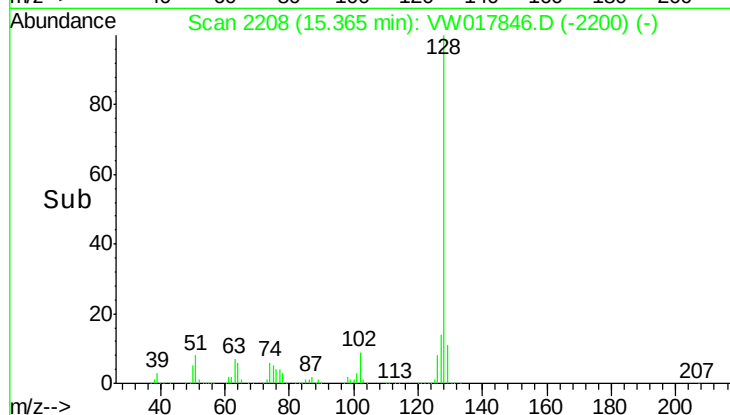




#69
Naphthalene
Concen: 21.038 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

Tgt Ion:128 Resp: 209452
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.9 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 21.785 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW017846.D
Acq: 13 Jan 2021 14:05

Tgt Ion:180 Resp: 96175
Ion Ratio Lower Upper
180 100
182 96.6 74.8 112.2
145 34.0 28.6 43.0

