

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017868.D
 Acq On : 13 Jan 2021 23:21
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Jan 14 11:39:40 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	323044	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153886	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106835	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.48%
7) Chloroethane-d5	2.89	69	102430	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
10) 1,1-Dichloroethene-d2	4.03	63	199175	22.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.48%
20) 2-Butanone-d5	7.09	46	53043	65.48	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.96%
24) Chloroform-d	7.65	84	227398	26.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.76%
26) 1,2-Dichloroethane-d4	8.31	65	127434	29.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.68%
29) Benzene-d6	8.27	84	430809	25.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.72%
33) 1,2-Dichloropropane-d6	9.27	67	125236	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.24%
37) Toluene-d8	10.32	98	399130	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.16%
38) trans-1,3-Dichloropropene-	10.58	79	53200	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.24%
39) 2-Hexanone-d5	10.93	63	38739	65.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106607	30.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.84%#
61) 1,2-Dichlorobenzene-d4	13.85	152	133873	24.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.92%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	56288	15.782	ug/L 99
3) Chloromethane	2.21	50	66373	20.936	ug/L 99
5) Vinyl chloride	2.36	62	115648	21.563	ug/L 99
6) Bromomethane	2.78	94	98266	24.708	ug/L 98
8) Chloroethane	2.92	64	82579	24.558	ug/L 97
9) Trichlorofluoromethane	3.26	101	74533	16.938	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	97458	23.731	ug/L 97
12) 1,1-Dichloroethene	4.04	96	88600	22.254	ug/L 90
13) Acetone	4.14	43	30589	43.727	ug/L 98
14) Carbon disulfide	4.39	76	246302	20.718	ug/L 99
15) Methyl Acetate	4.68	43	41062	30.285	ug/L 95
16) Methylene chloride	4.92	84	104983	22.726	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	130119	25.789	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	101508	23.638	ug/L 95
19) 1,1-Dichloroethane	6.22	63	193620	26.391	ug/L 99
21) 2-Butanone	7.17	43	51923	55.180	ug/L 94
22) cis-1,2-Dichloroethene	7.17	96	112982	25.038	ug/L 98

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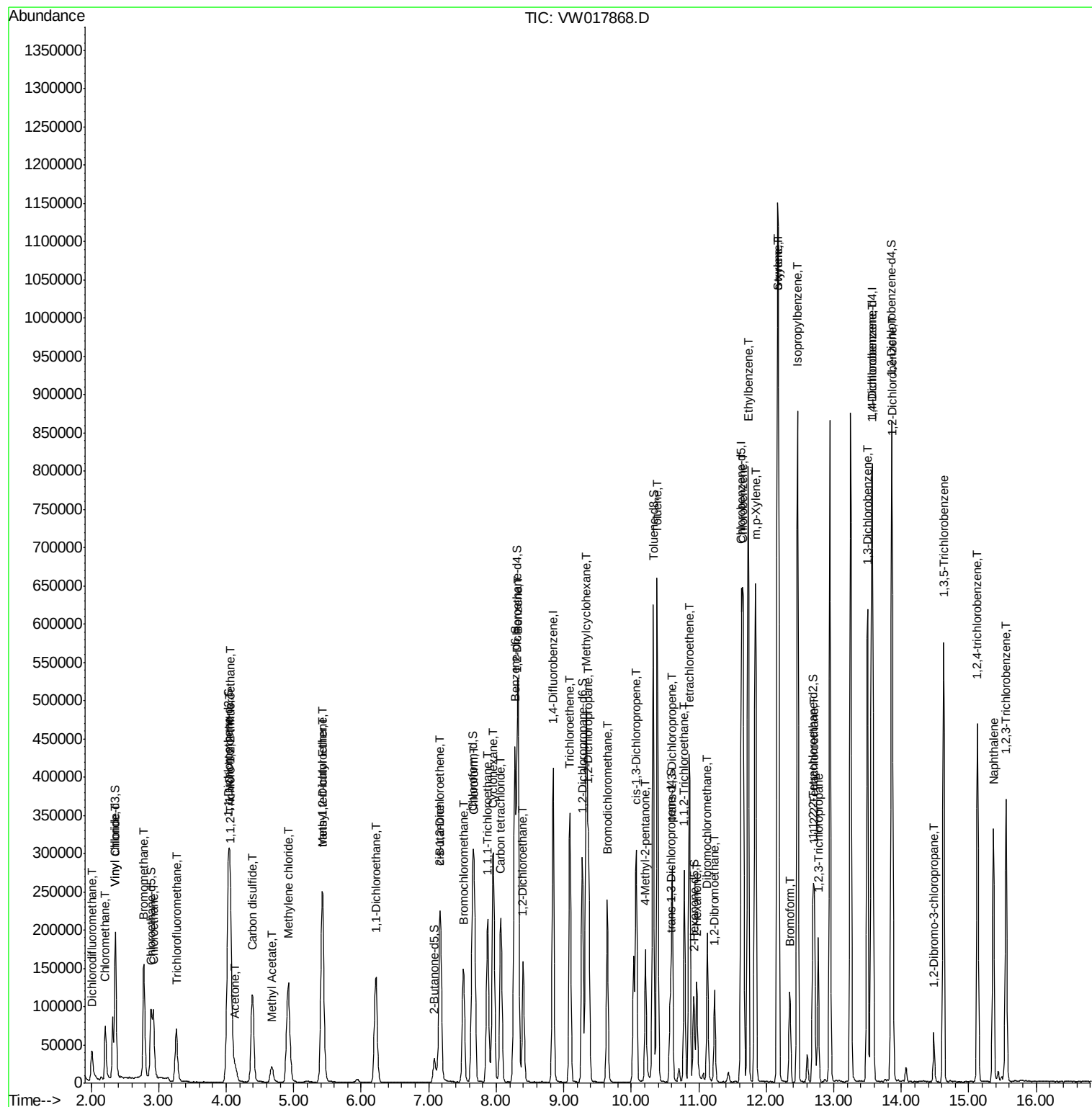
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	48855	25.558	ug/L #	87
25) Chloroform	7.68	83	206502	26.750	ug/L	99
27) 1,2-Dichloroethane	8.40	62	140721	28.180	ug/L	100
30) Cyclohexane	7.96	56	163652	22.641	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	163861	23.458	ug/L	98
32) Carbon tetrachloride	8.07	117	152020	23.067	ug/L	100
34) Benzene	8.32	78	431628	24.858	ug/L	100
35) Trichloroethene	9.09	95	115649	24.063	ug/L	95
36) Methylcyclohexane	9.34	83	188494	22.435	ug/L	97
40) 1,2-Dichloropropane	9.37	63	108579	26.489	ug/L	99
41) Bromodichloromethane	9.65	83	148983	26.553	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	167948	25.676	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	122199	61.362	ug/L	97
44) Toluene	10.38	91	480567	24.272	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	142409	25.567	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	80031	26.267	ug/L	97
47) Tetrachloroethene	10.86	164	83924	22.335	ug/L	95
49) 2-Hexanone	10.97	43	85870	60.775	ug/L	95
50) Dibromochloromethane	11.13	129	92203	25.490	ug/L	97
51) 1,2-Dibromoethane	11.24	107	77076	26.721	ug/L	93
52) Chlorobenzene	11.66	112	300958	24.349	ug/L	99
53) Ethylbenzene	11.73	91	546607	24.331	ug/L	100
54) m,p-Xylene	11.84	106	205472	23.381	ug/L	98
55) o-xylene	12.16	106	195163	23.614	ug/L	93
56) Styrene	12.18	104	341404	24.834	ug/L	99
57) Isopropylbenzene	12.46	105	543277	23.744	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	97091	28.550	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	70862	28.347	ug/L	97
62) Bromoform	12.35	173	47726	25.347	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	228774	24.086	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	231319	24.235	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	203665	24.403	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.48	75	15332	27.892	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	159468	24.490	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	132920	24.800	ug/L	99
69) Naphthalene	15.36	128	265702	26.033	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	113319	25.038	ug/L	96

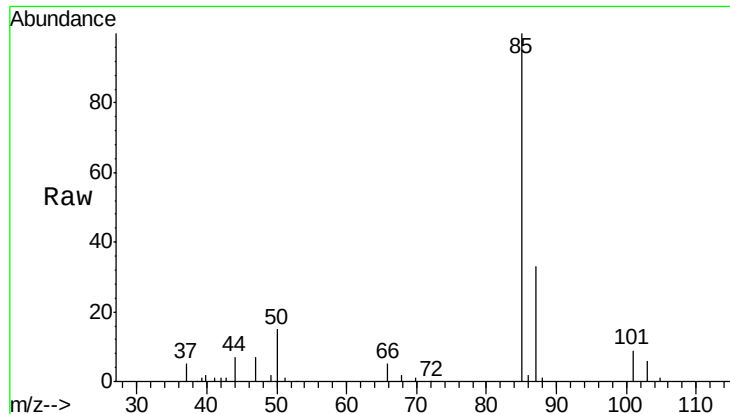
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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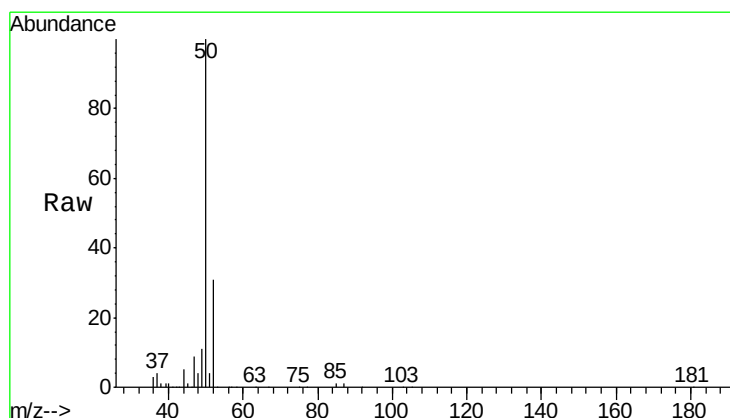
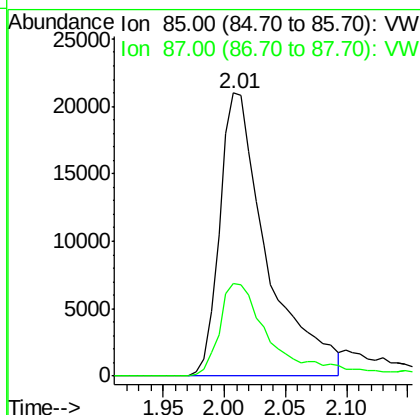
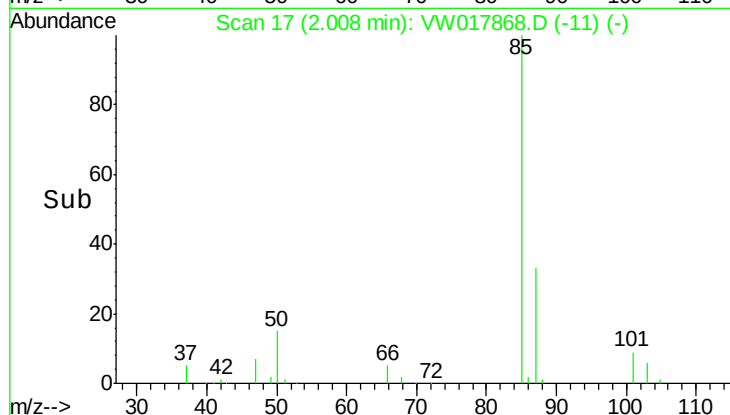




#2
 Dichlorodifluoromethane
 Concen: 15.782 ug/L
 RT: 2.01 min Scan# 17
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

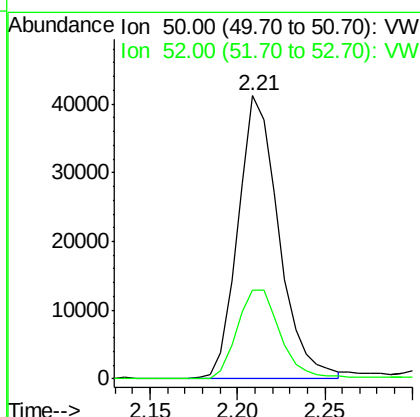
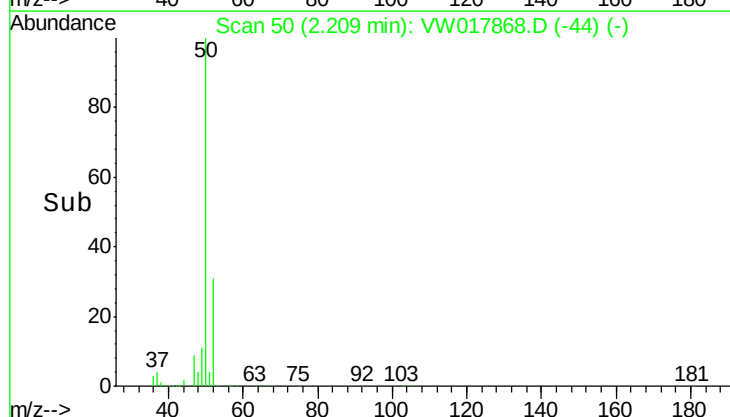
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

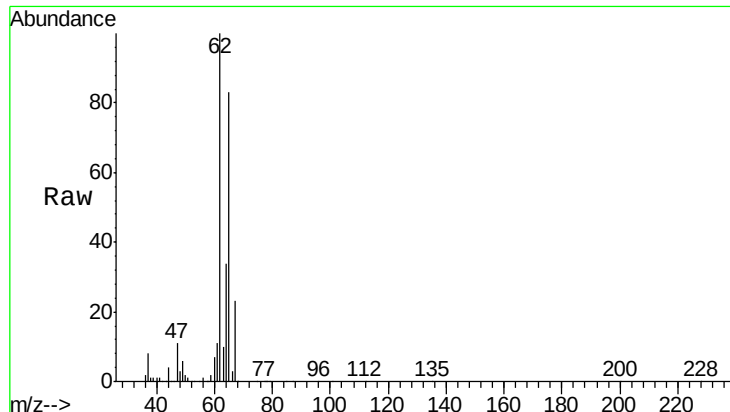
Tgt Ion: 85 Resp: 56288
 Ion Ratio Lower Upper
 85 100
 87 30.9 22.0 41.0



#3
 Chloromethane
 Concen: 20.936 ug/L
 RT: 2.21 min Scan# 50
 Delta R.T. -0.01 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion: 50 Resp: 66373
 Ion Ratio Lower Upper
 50 100
 52 31.4 22.5 41.9





#5

Vinyl chloride

Concen: 21.563 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW017868.D

Acq: 13 Jan 2021 23:21

Instrument :

MSVOA_W

ClientSampleId :

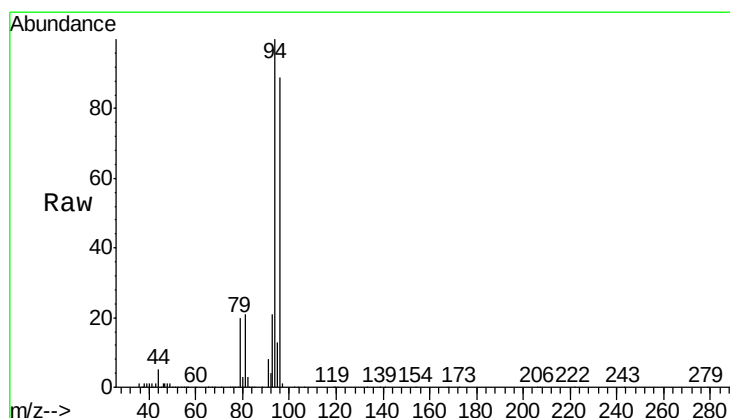
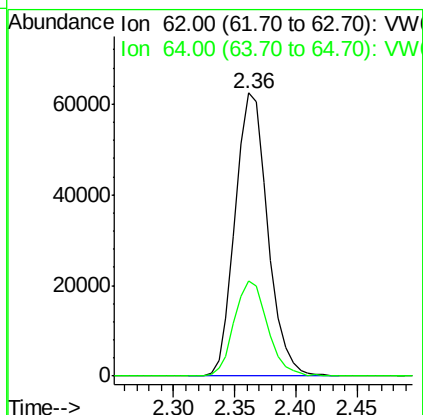
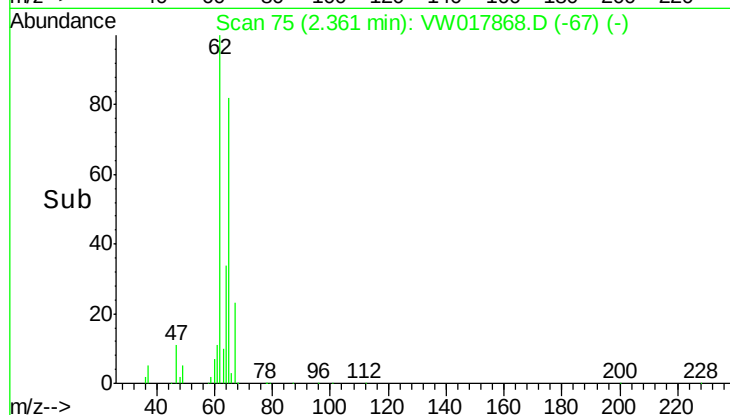
VSTD02518

Tgt Ion: 62 Resp: 115648

Ion Ratio Lower Upper

62 100

64 33.8 23.3 43.3



#6

Bromomethane

Concen: 24.708 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW017868.D

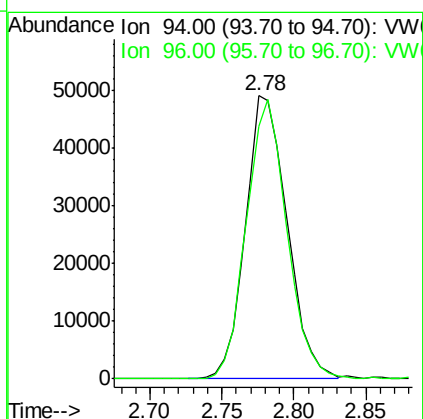
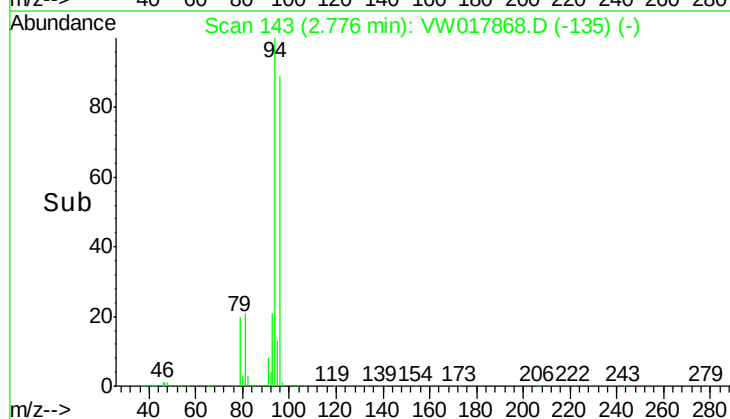
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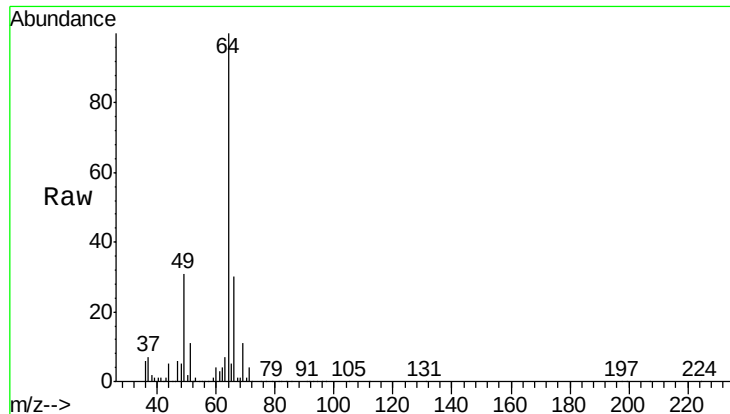
Tgt Ion: 94 Resp: 98266

Ion Ratio Lower Upper

94 100

96 96.3 9.4 178.6

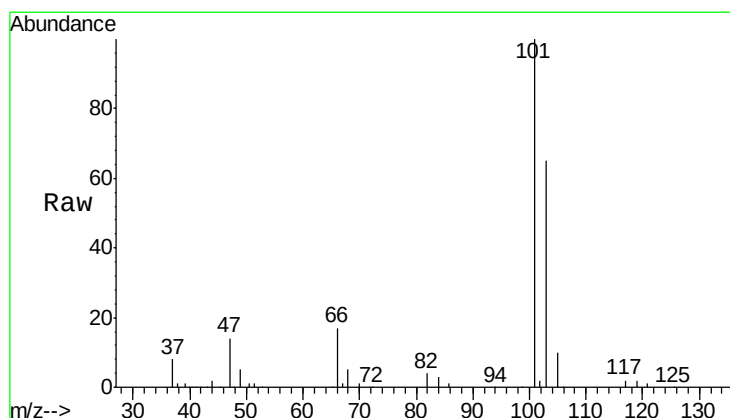
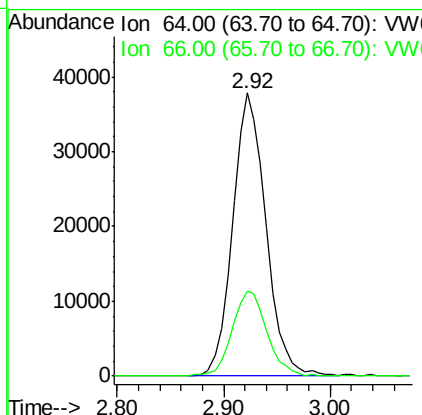
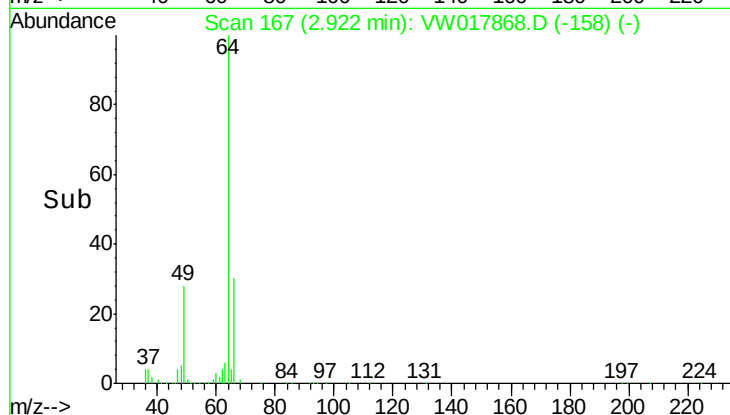




#8
Chloroethane
Concen: 24.558 ug/L
RT: 2.92 min Scan# 167
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

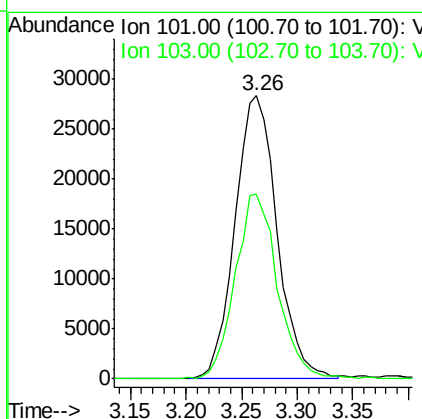
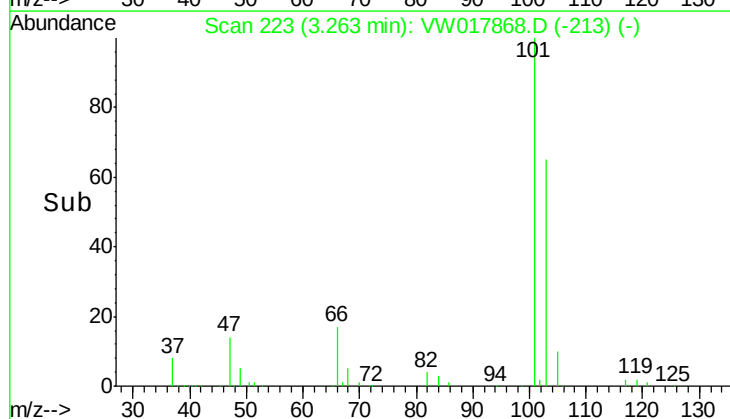
Instrument :
MSVOA_W
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VSTD02518

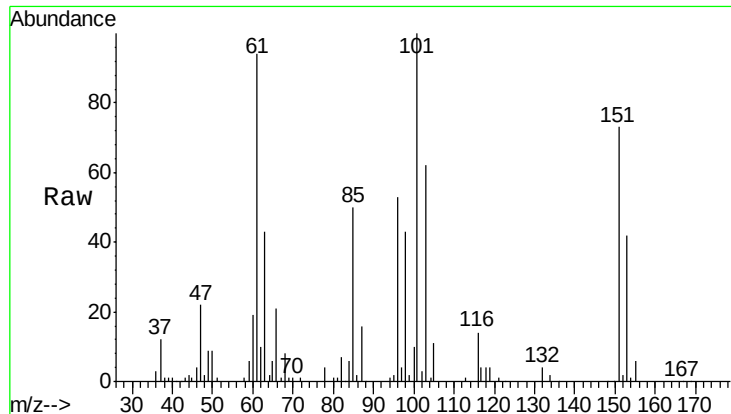
Tgt Ion: 64 Resp: 82579
Ion Ratio Lower Upper
64 100
66 30.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 16.938 ug/L
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

Tgt Ion: 101 Resp: 74533
Ion Ratio Lower Upper
101 100
103 65.5 46.0 85.4





#11

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

Concen: 23.731 ug/L

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW017868.D

Acq: 13 Jan 2021 23:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD02518

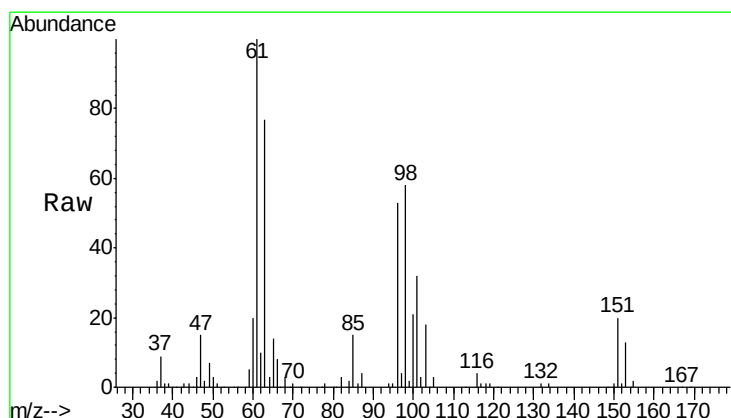
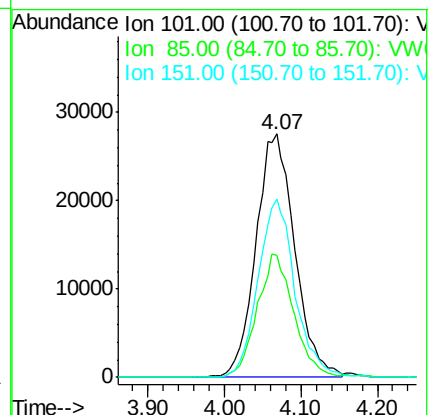
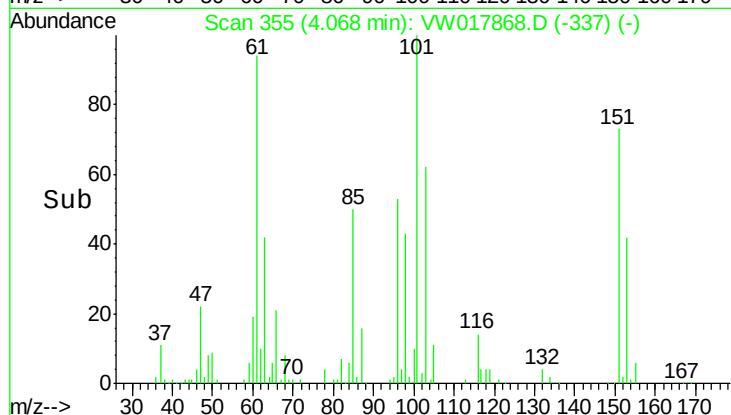
Tgt Ion:101 Resp: 97458

Ion Ratio Lower Upper

101 100

85 47.7 36.7 55.1

151 69.4 57.7 86.5



#12

1,1-Dichloroethene

Concen: 22.254 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW017868.D

Acq: 13 Jan 2021 23:21

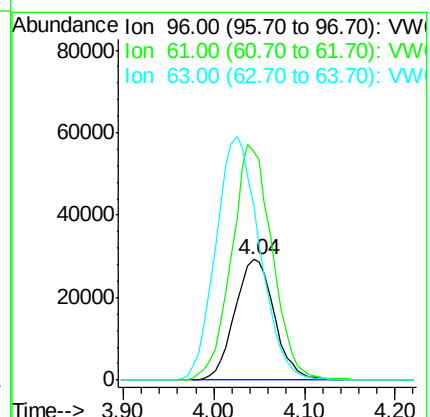
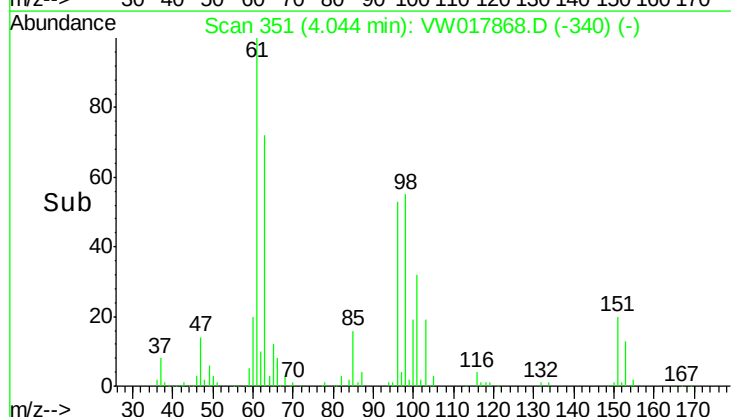
Tgt Ion: 96 Resp: 88600

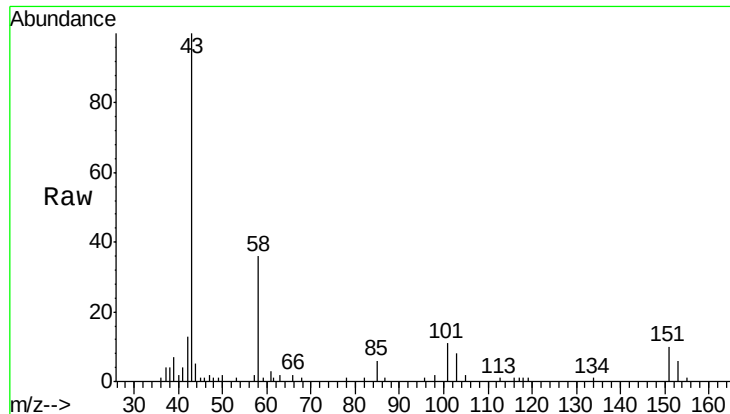
Ion Ratio Lower Upper

96 100

61 189.5 126.1 234.1

63 145.2 90.0 167.2





#13

Acetone

Concen: 43.727 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017868.D

Acq: 13 Jan 2021 23:21

Instrument :

MSVOA_W

ClientSampleId :

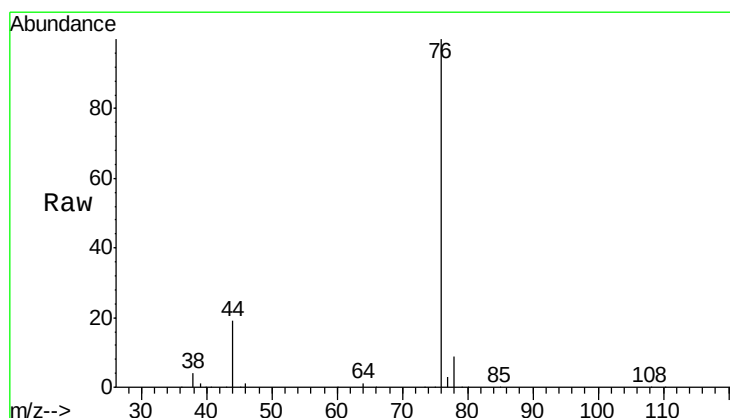
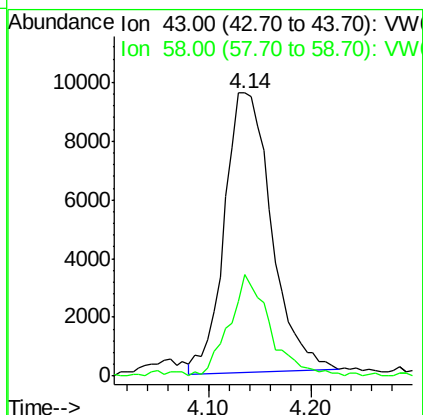
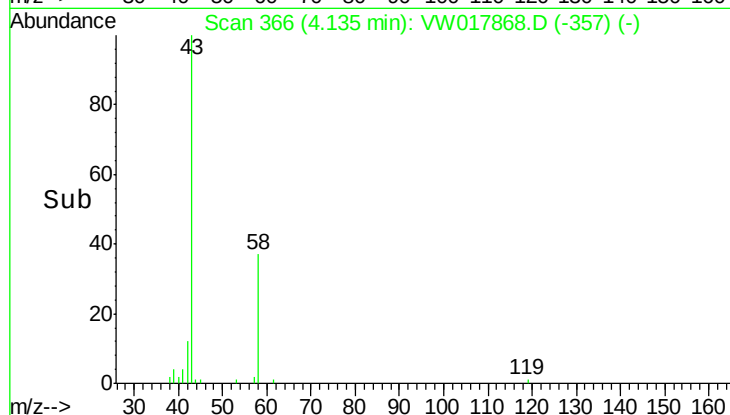
VSTD02518

Tgt Ion: 43 Resp: 30589

Ion Ratio Lower Upper

43 100

58 31.7 0.0 60.8



#14

Carbon disulfide

Concen: 20.718 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW017868.D

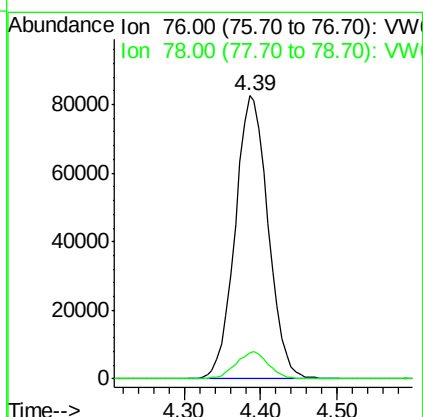
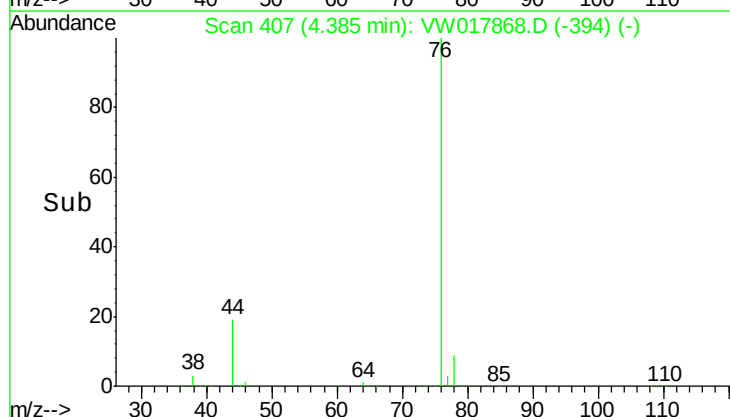
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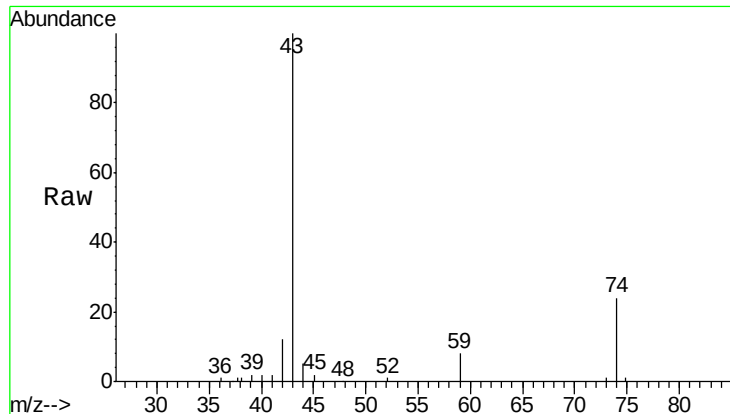
Tgt Ion: 76 Resp: 246302

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

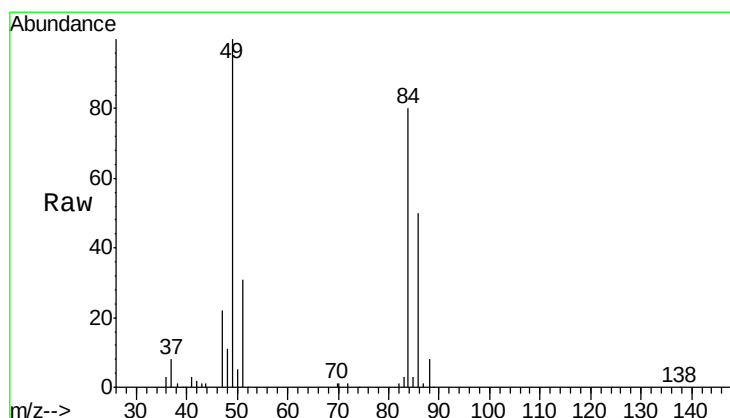
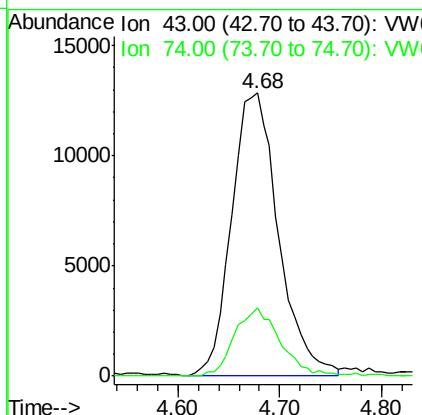
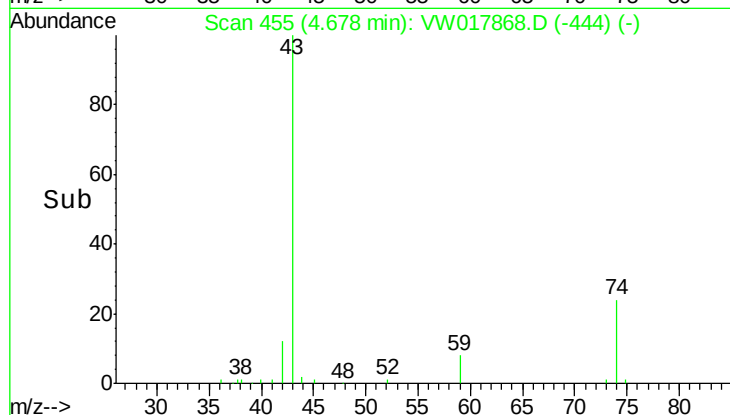




#15
Methyl Acetate
Concen: 30.285 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

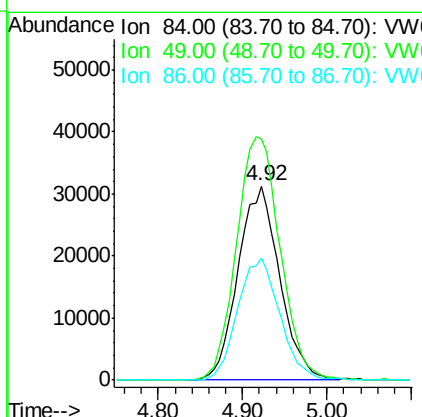
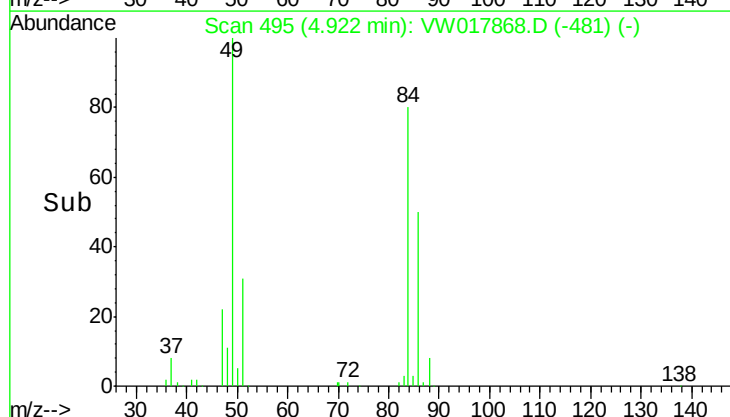
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VSTD02518

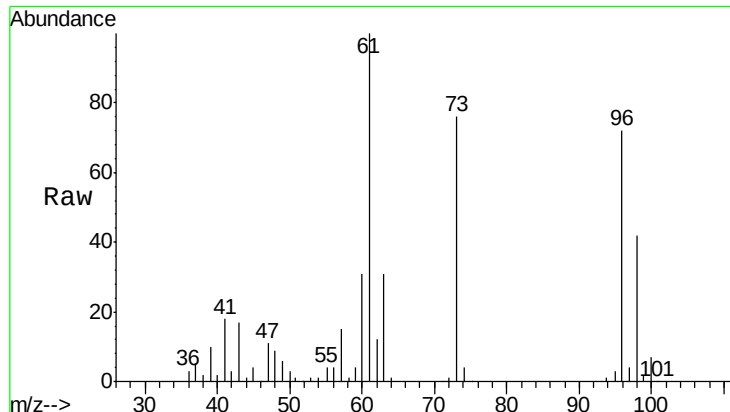
Tgt Ion: 43 Resp: 41062
Ion Ratio Lower Upper
43 100
74 22.9 20.2 30.4



#16
Methylene chloride
Concen: 22.726 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
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Tgt Ion: 84 Resp: 104983
Ion Ratio Lower Upper
84 100
49 124.3 90.5 168.1
86 62.7 44.8 83.2

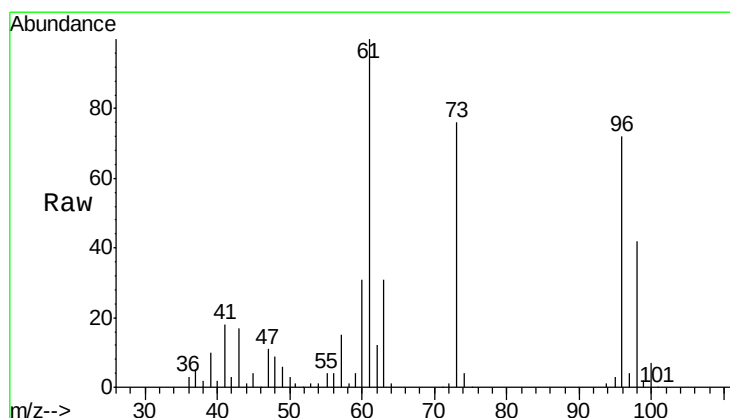
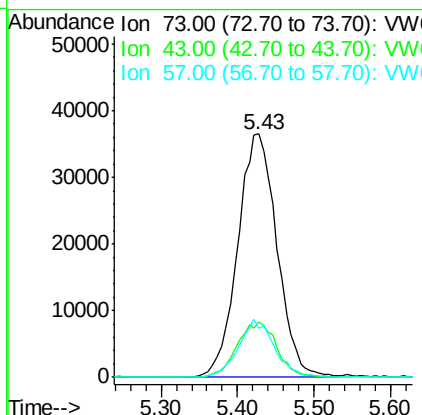
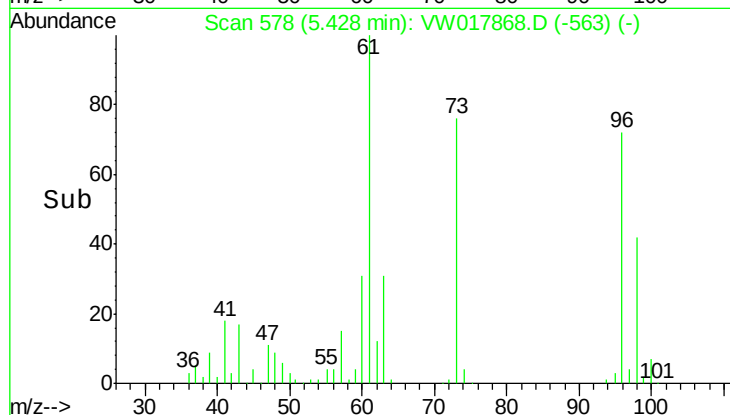




#17
Methyl tert-butyl Ether
Concen: 25.789 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

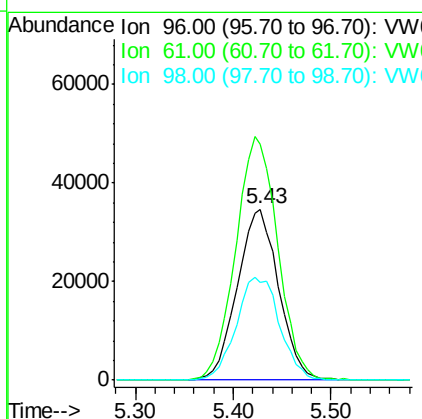
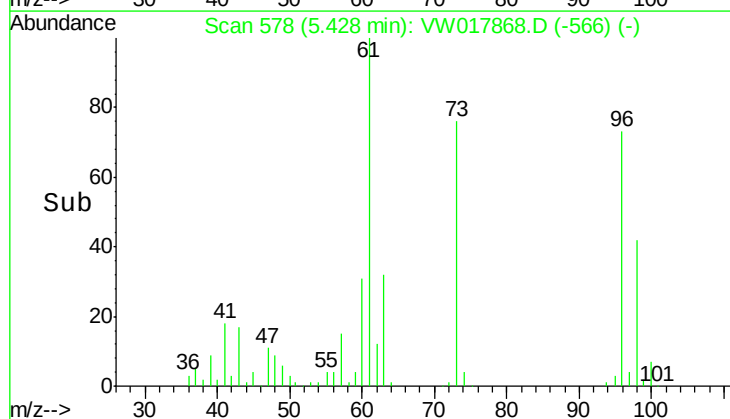
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

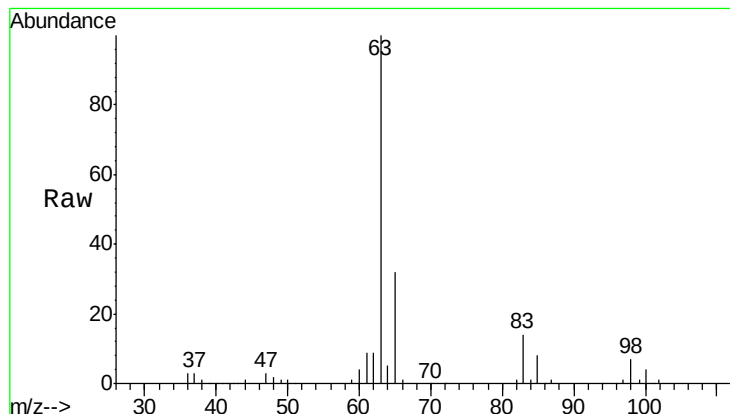
Tgt Ion:	73	Resp:	130119
Ion	Ratio	Lower	Upper
73	100		
43	23.0	17.1	25.7
57	21.8	16.6	25.0



#18
trans-1,2-Dichloroethene
Concen: 23.638 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

Tgt Ion:	96	Resp:	101508
Ion	Ratio	Lower	Upper
96	100		
61	138.4	99.5	184.9
98	57.5	45.8	85.2

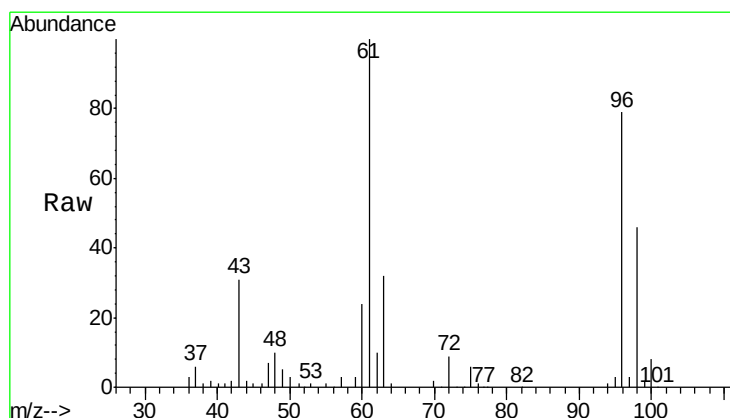
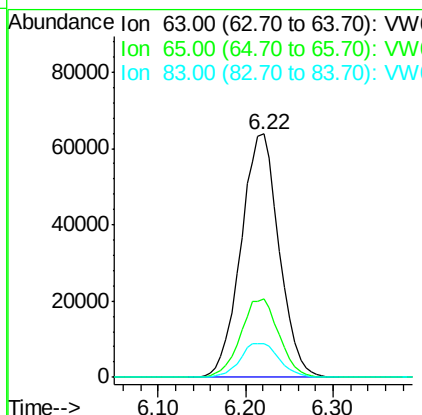
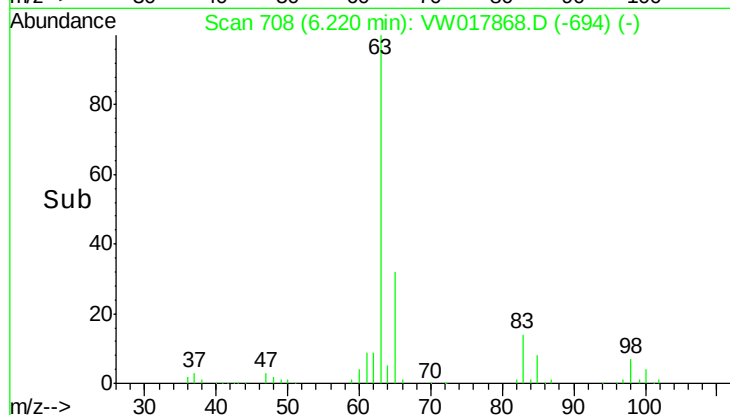




#19
 1,1-Dichloroethane
 Concen: 26.391 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

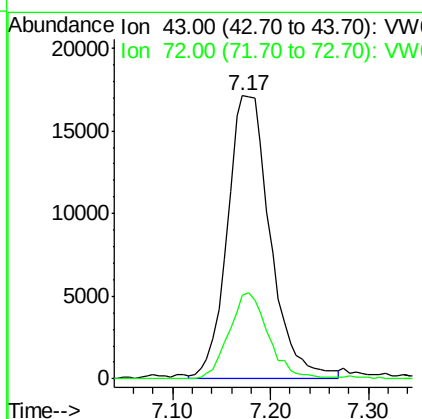
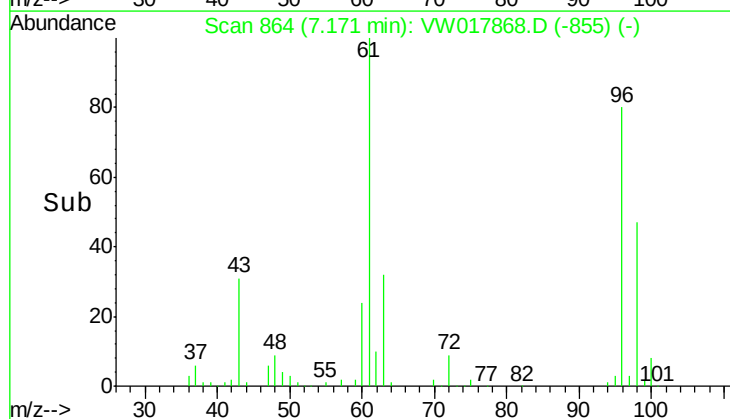
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

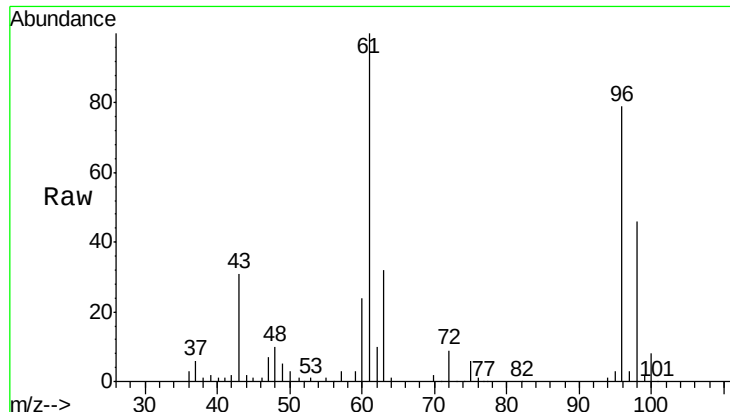
Tgt Ion:	63	Resp:	193620
Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.9	40.7
83	13.9	10.0	18.6



#21
 2-Butanone
 Concen: 55.180 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion:	43	Resp:	51923
Ion	Ratio	Lower	Upper
43	100		
72	27.6	15.4	46.2





#22

cis-1,2-Dichloroethene

Concen: 25.038 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW017868.D

Acq: 13 Jan 2021 23:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD02518

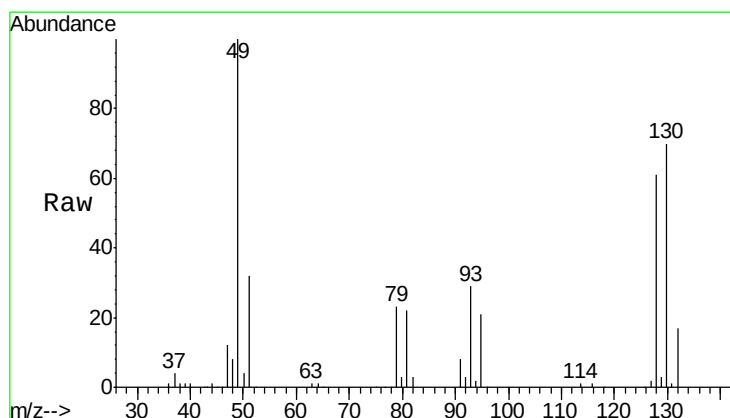
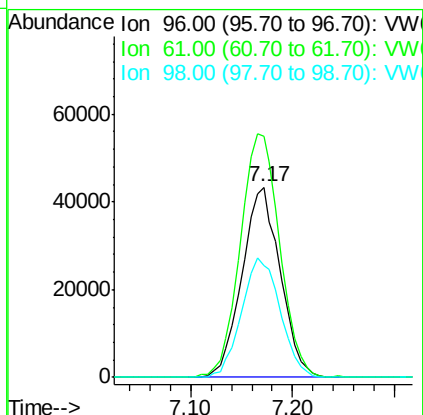
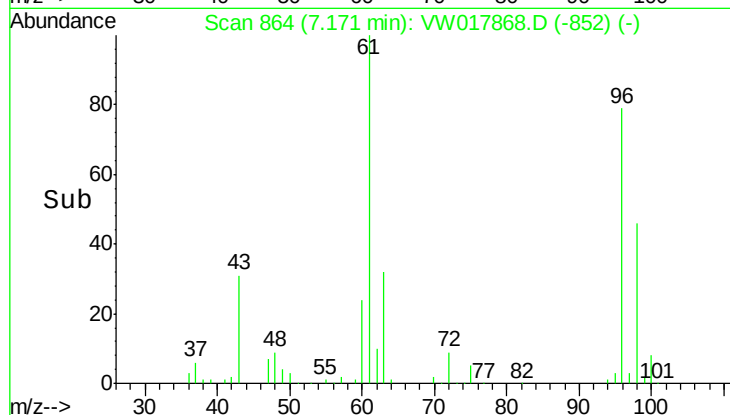
Tgt Ion: 96 Resp: 112982

Ion Ratio Lower Upper

96 100

61 126.4 88.2 163.8

98 58.5 43.7 81.1



#23

Bromochloromethane

Concen: 25.558 ug/L

RT: 7.52 min Scan# 921

Delta R.T. 0.01 min

Lab File: VW017868.D

Acq: 13 Jan 2021 23:21

Tgt Ion: 128 Resp: 48855

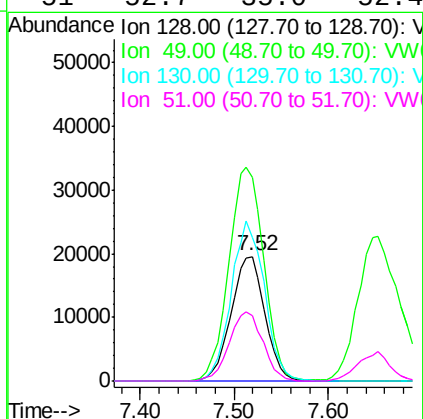
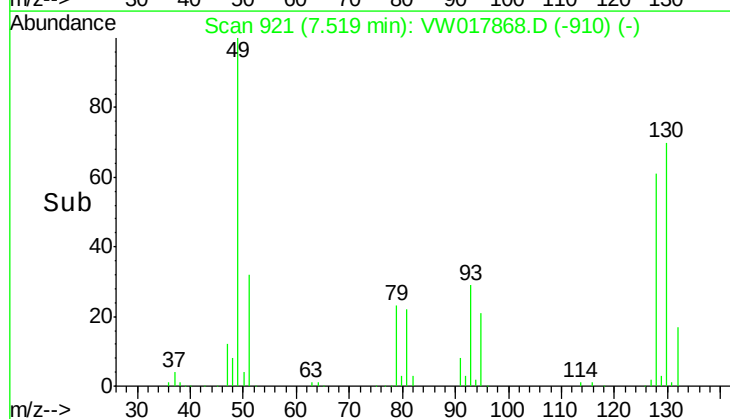
Ion Ratio Lower Upper

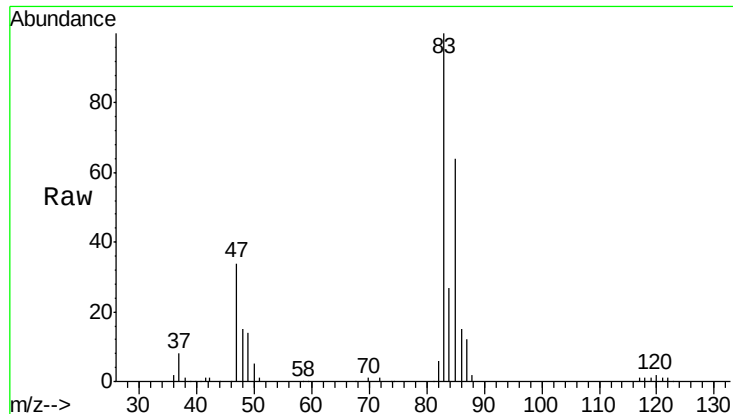
128 100

49 163.6 98.3 182.5

130 115.0 84.4 156.7

51 52.7 35.0 52.4#

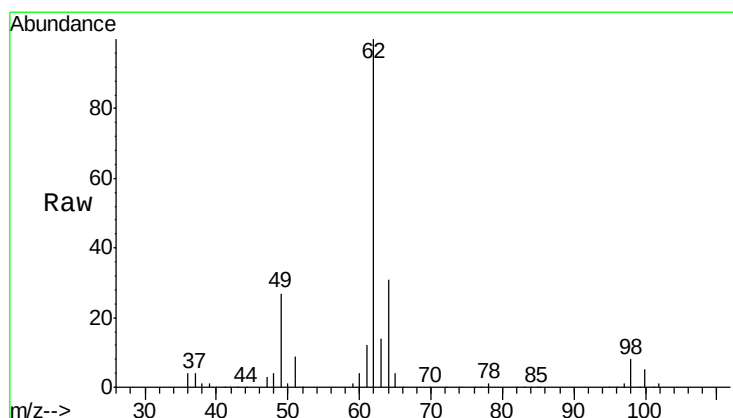
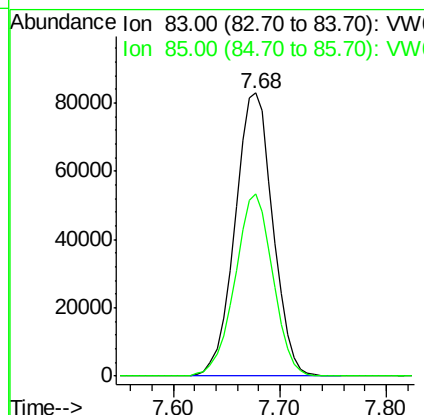
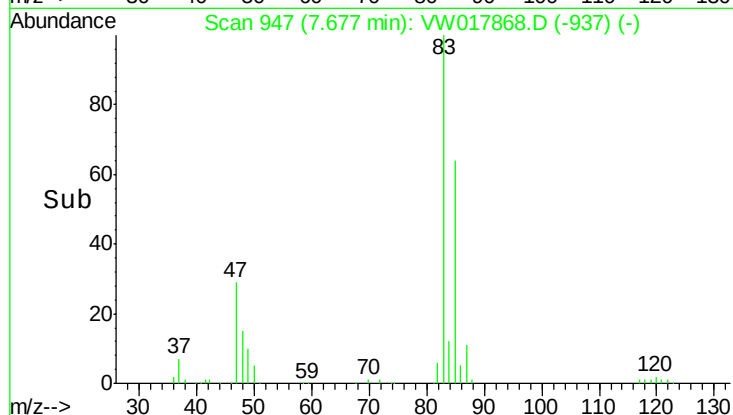




#25
Chloroform
Concen: 26.750 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

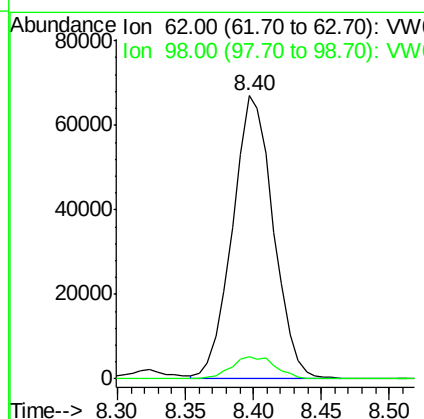
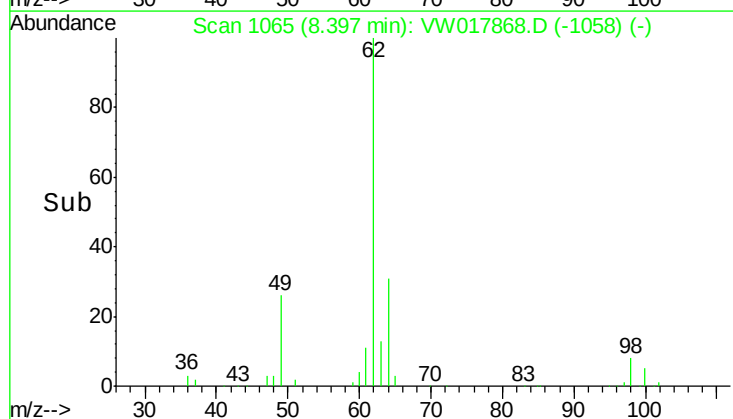
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

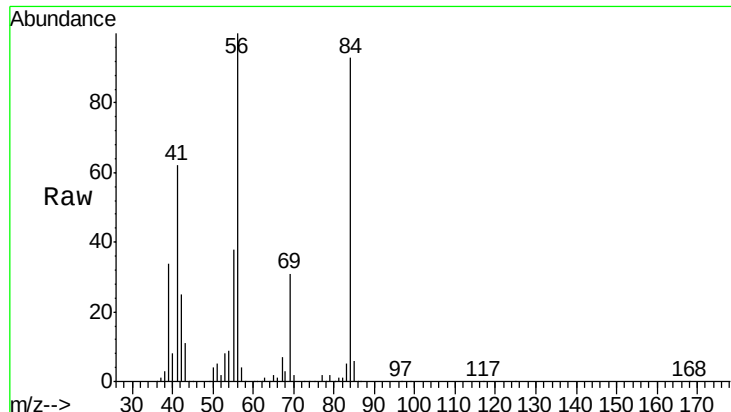
Tgt Ion: 83 Resp: 206502
Ion Ratio Lower Upper
83 100
85 64.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 28.180 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

Tgt Ion: 62 Resp: 140721
Ion Ratio Lower Upper
62 100
98 8.1 6.3 9.5

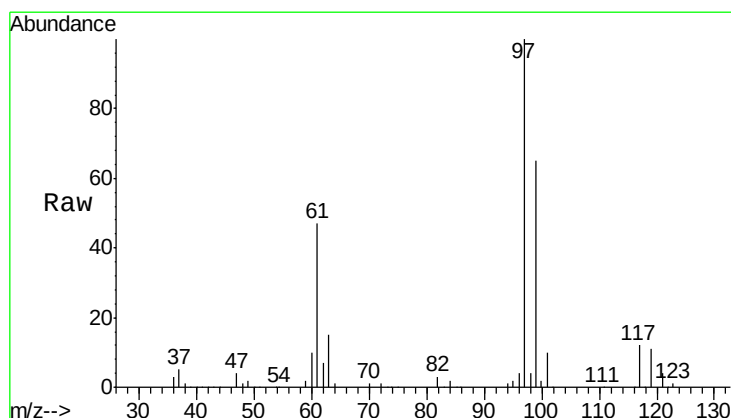
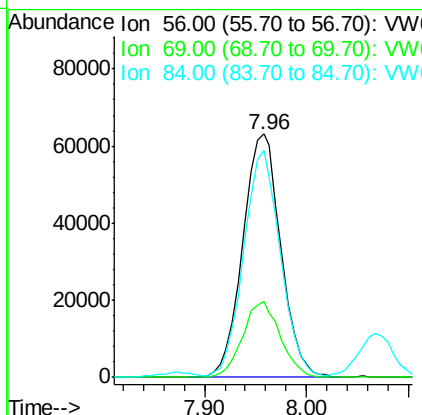
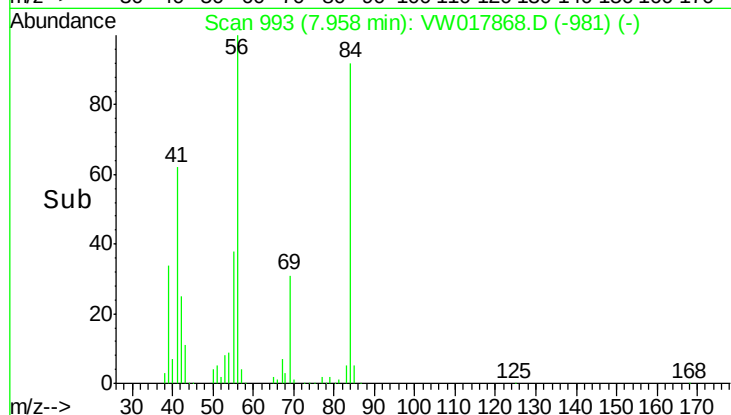




#30
Cyclohexane
Concen: 22.641 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

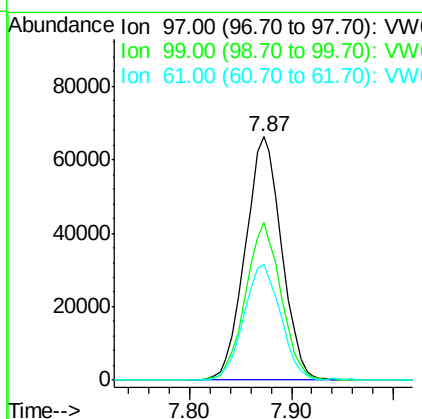
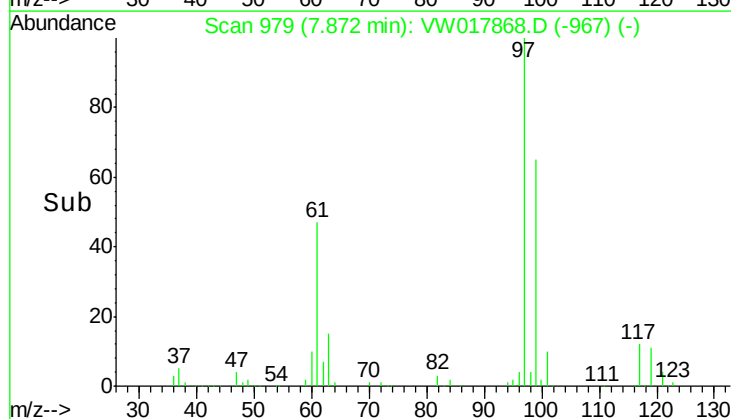
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

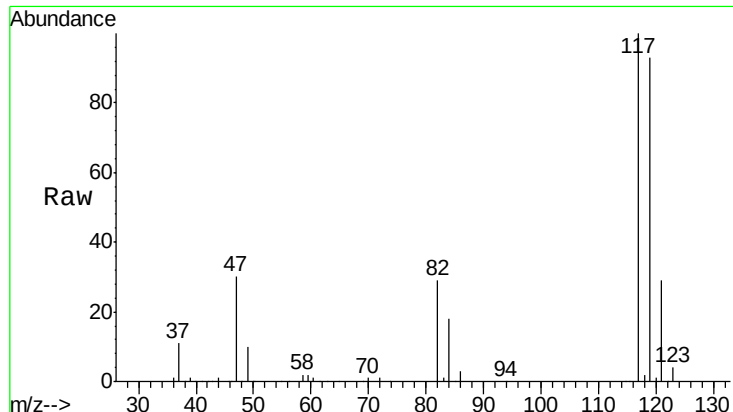
Tgt Ion:	56	Resp:	163652
Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.0	37.4
84	90.6	76.6	115.0



#31
1,1,1-Trichloroethane
Concen: 23.458 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

Tgt Ion:	97	Resp:	163861
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	48.1	35.8	53.8

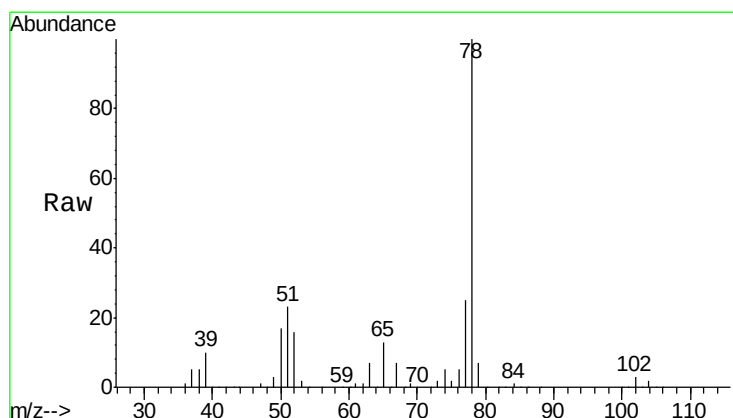
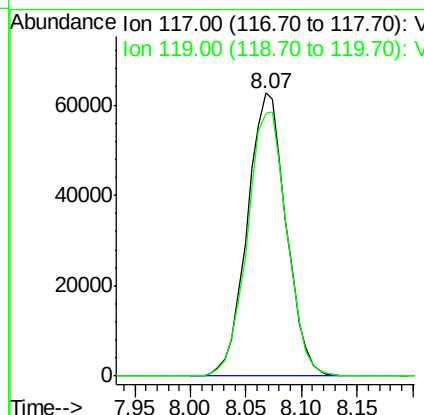
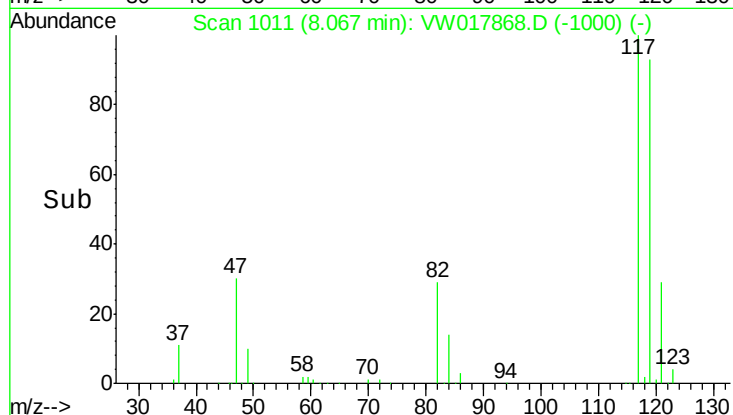




#32
 Carbon tetrachloride
 Concen: 23.067 ug/L
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

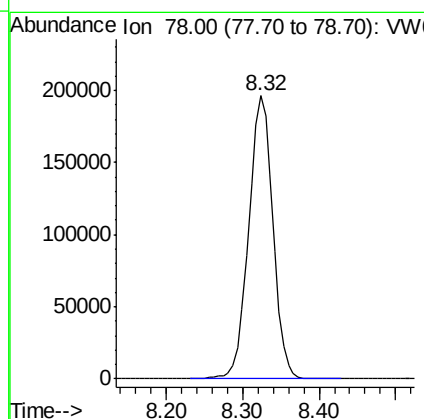
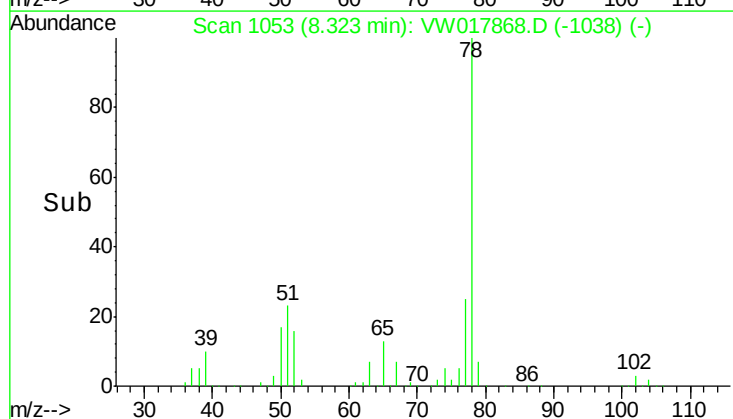
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

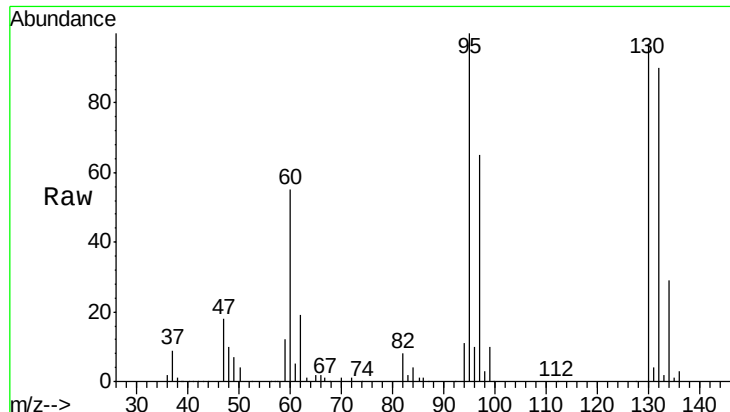
Tgt Ion:117 Resp: 152020
 Ion Ratio Lower Upper
 117 100
 119 95.5 76.5 114.7



#34
 Benzene
 Concen: 24.858 ug/L
 RT: 8.32 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion: 78 Resp: 431628



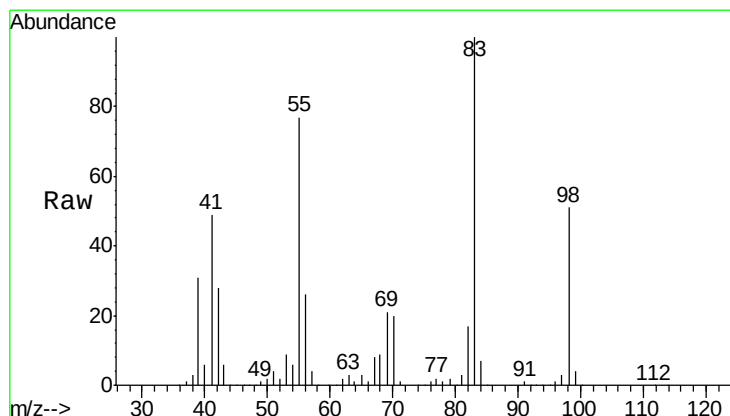
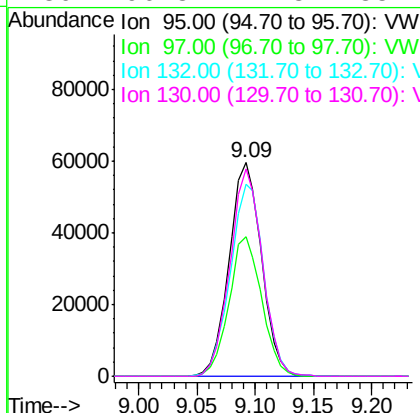
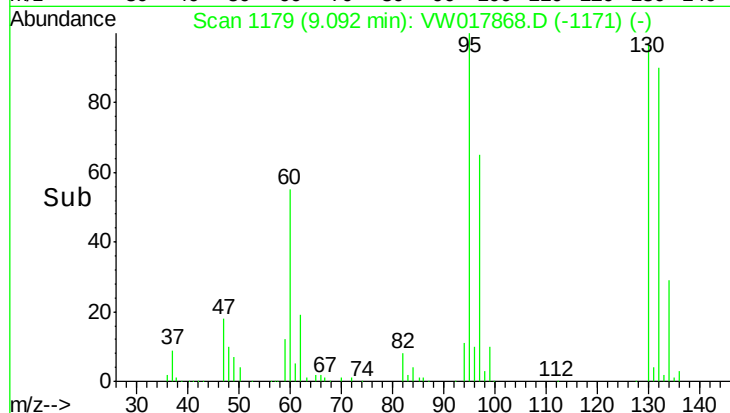


#35
 Trichloroethene
 Concen: 24.063 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Tgt Ion: 95 Resp: 115649

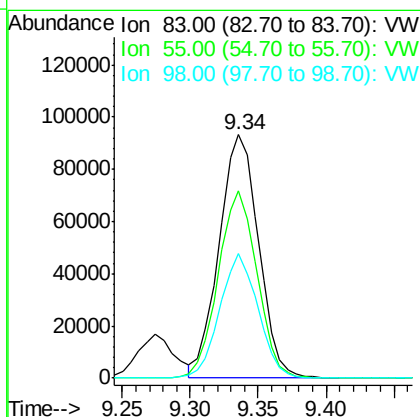
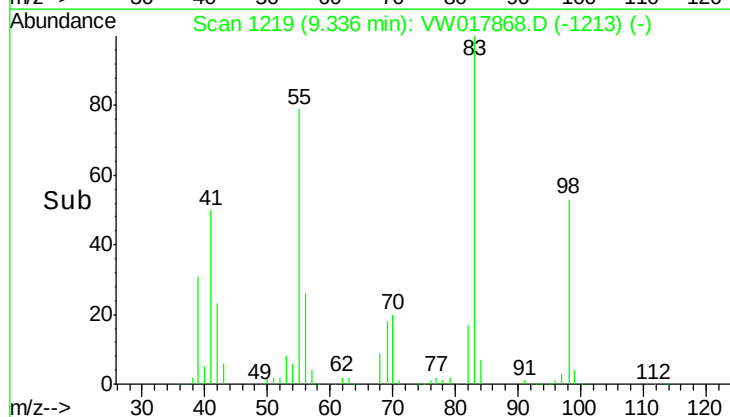
Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.8	87.0
132	92.5	68.3	126.9
130	96.8	71.8	133.4

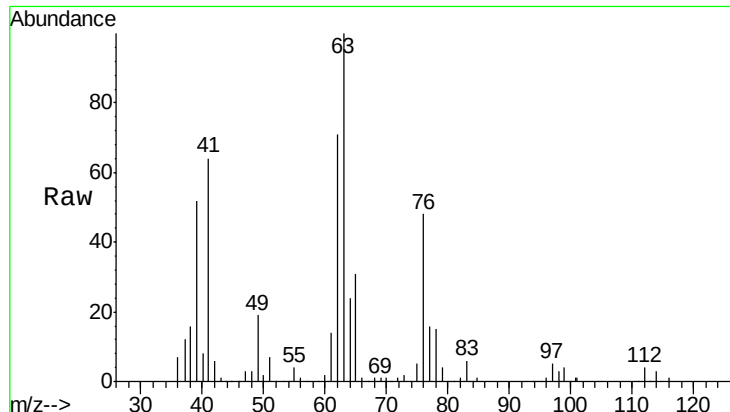


#36
 Methylcyclohexane
 Concen: 22.435 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion: 83 Resp: 188494

Ion	Ratio	Lower	Upper
83	100		
55	75.7	57.6	86.4
98	49.8	39.7	59.5

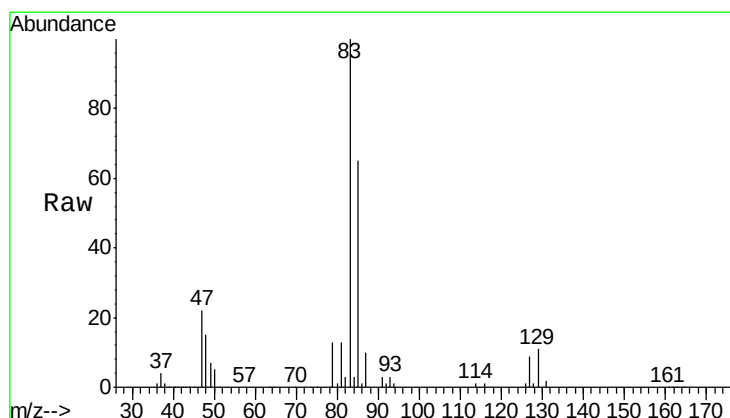
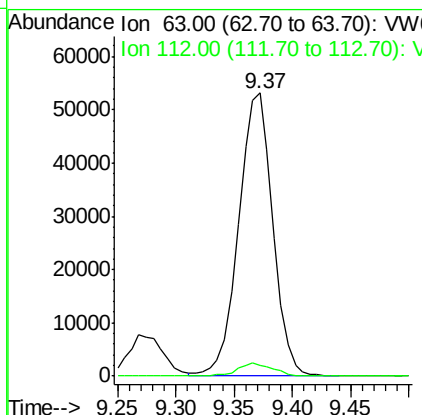
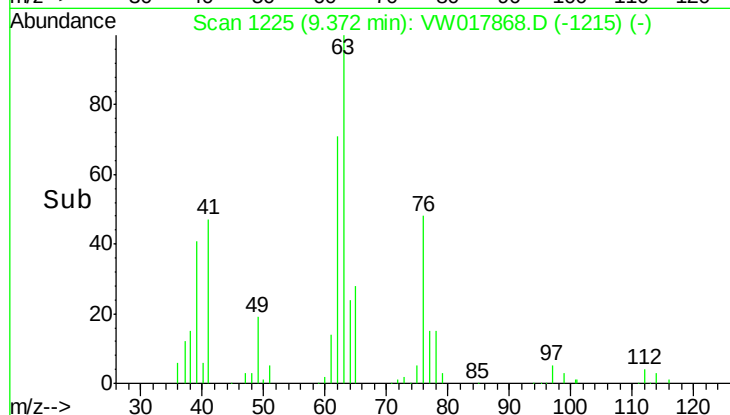




#40
 1,2-Dichloropropane
 Concen: 26.489 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

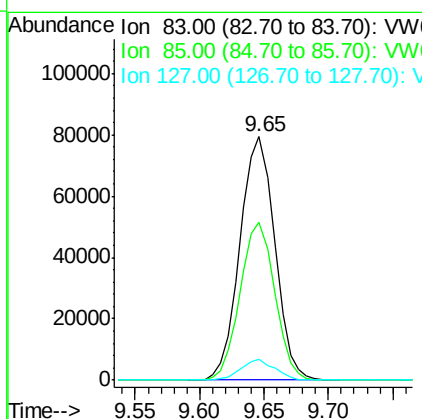
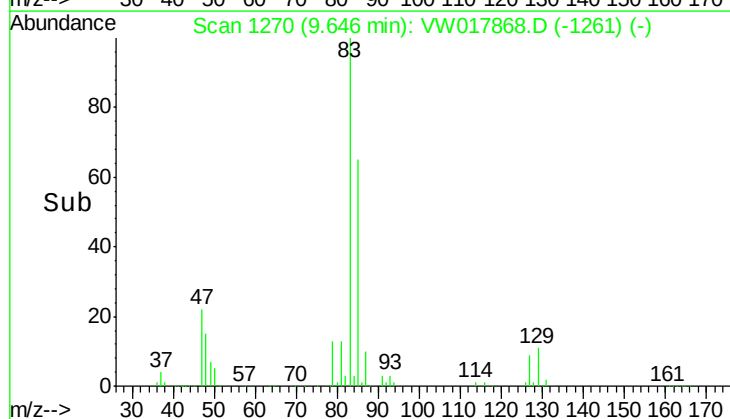
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

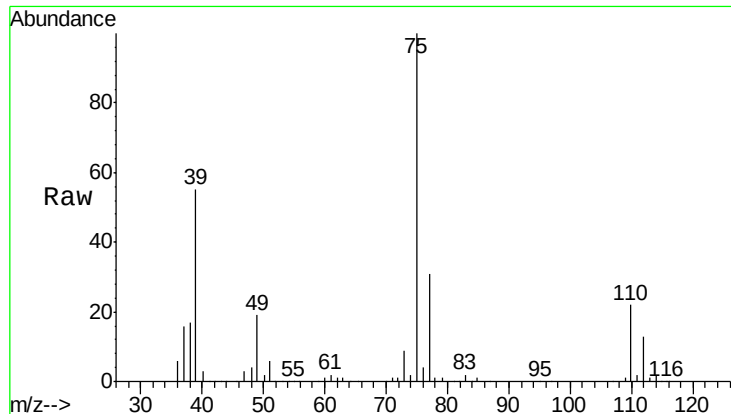
Tgt Ion: 63 Resp: 108579
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.6 5.4



#41
 Bromodichloromethane
 Concen: 26.553 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion: 83 Resp: 148983
 Ion Ratio Lower Upper
 83 100
 85 65.0 44.5 82.7
 127 9.6 6.9 10.3

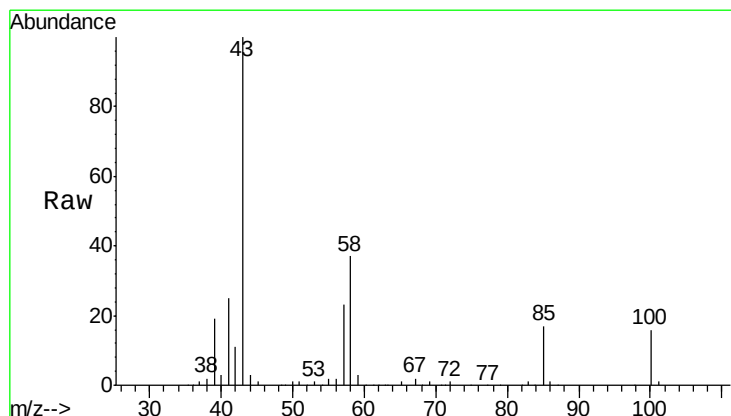
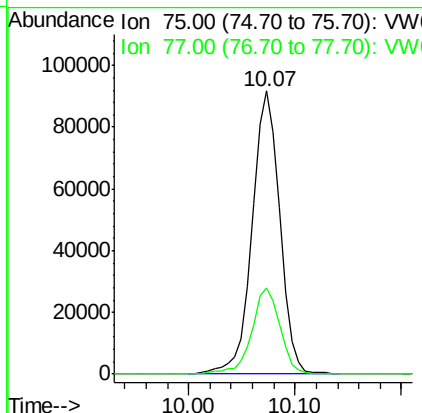
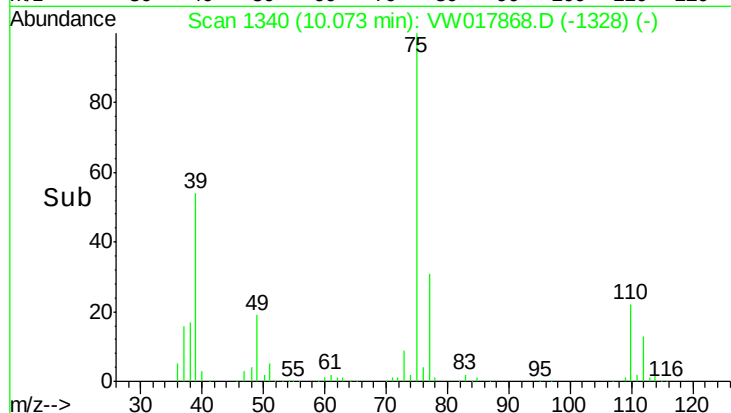




#42
 cis-1,3-Dichloropropene
 Concen: 25.676 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

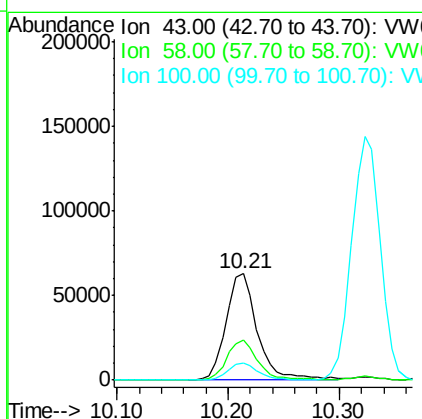
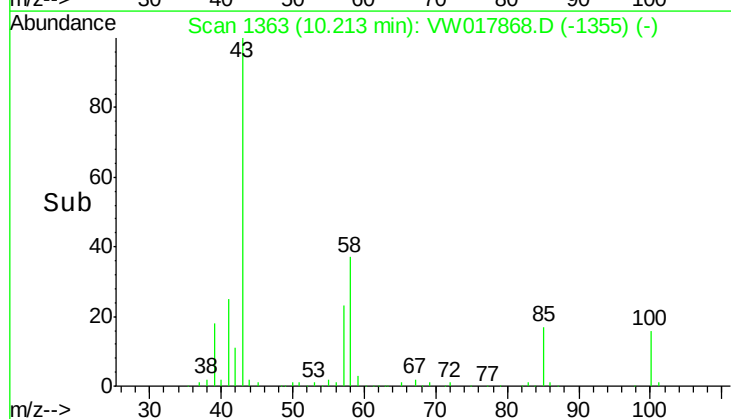
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

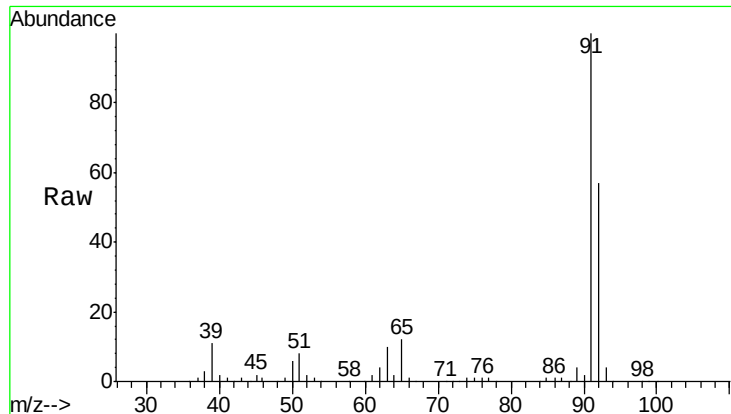
Tgt Ion: 75 Resp: 167948
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.6 40.2



#43
 4-Methyl-2-pentanone
 Concen: 61.362 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion: 43 Resp: 122199
 Ion Ratio Lower Upper
 43 100
 58 37.3 31.0 46.4
 100 15.6 13.5 20.3





#44

Toluene

Concen: 24.272 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW017868.D

Acq: 13 Jan 2021 23:21

Instrument :

MSVOA_W

ClientSampled :

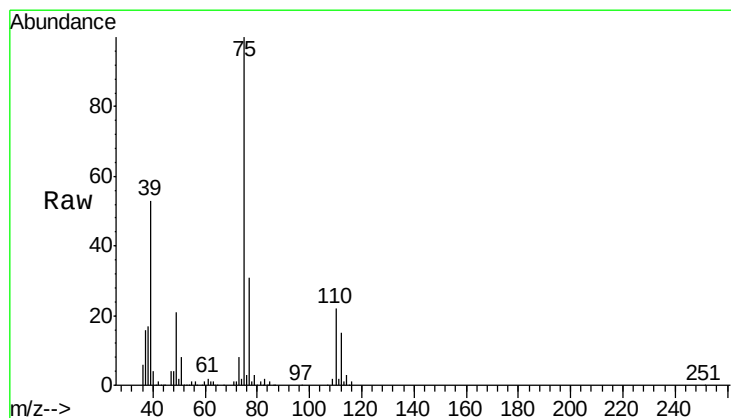
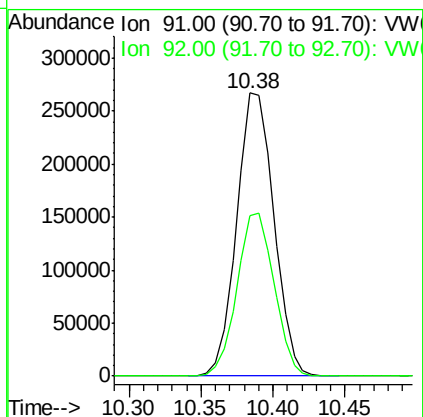
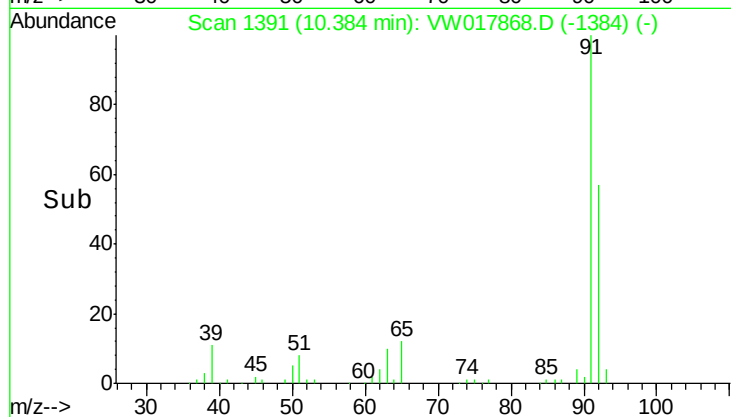
VSTD02518

Tgt Ion: 91 Resp: 480567

Ion Ratio Lower Upper

91 100

92 56.6 41.0 76.2



#45

trans-1,3-Dichloropropene

Concen: 25.567 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW017868.D

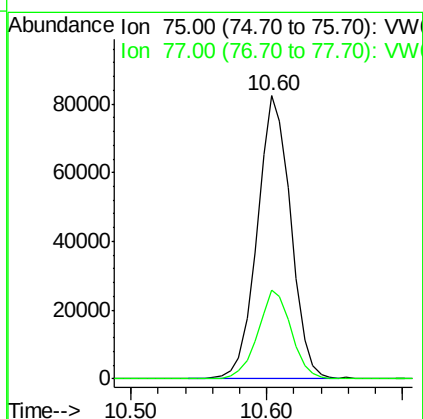
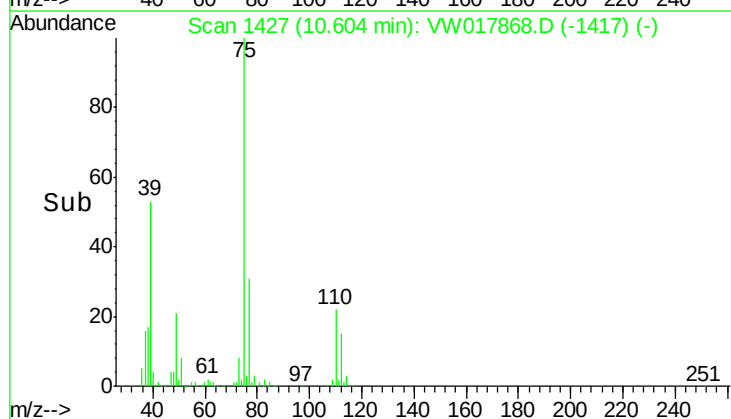
Acq: 13 Jan 2021 23:21

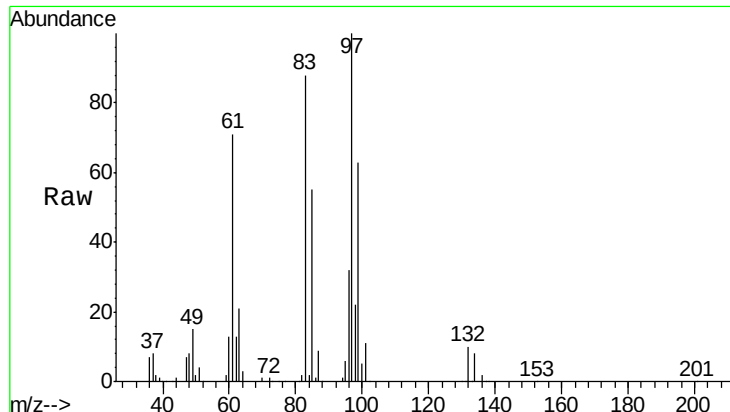
Tgt Ion: 75 Resp: 142409

Ion Ratio Lower Upper

75 100

77 31.4 21.6 40.0

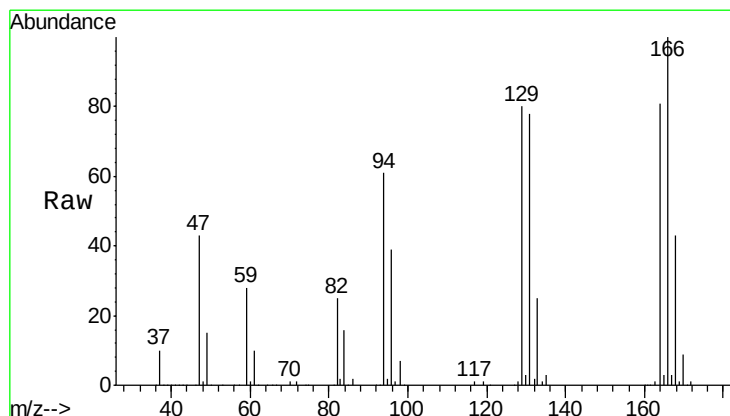
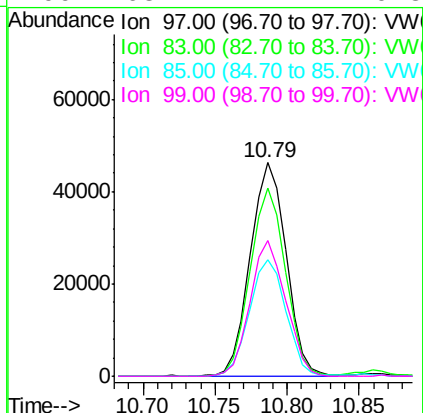
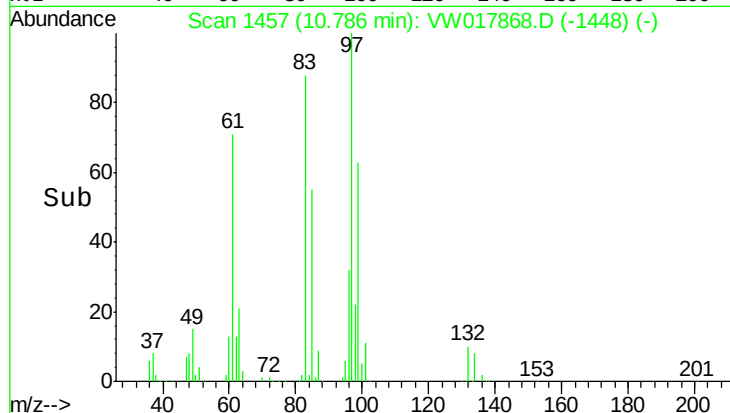




#46
 1,1,2-Trichloroethane
 Concen: 26.267 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

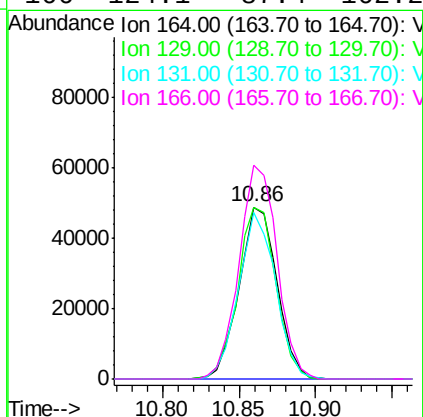
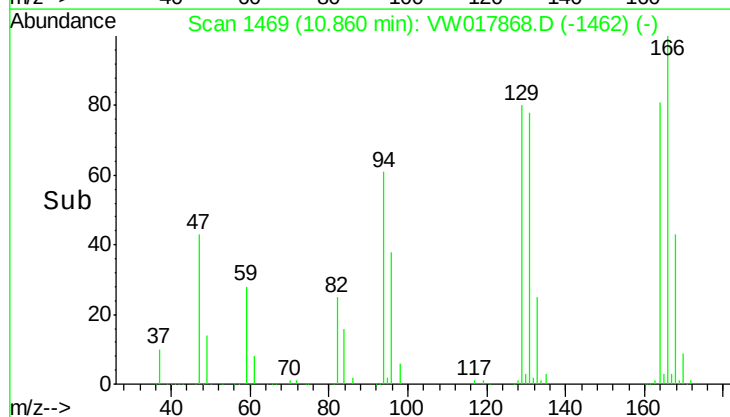
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

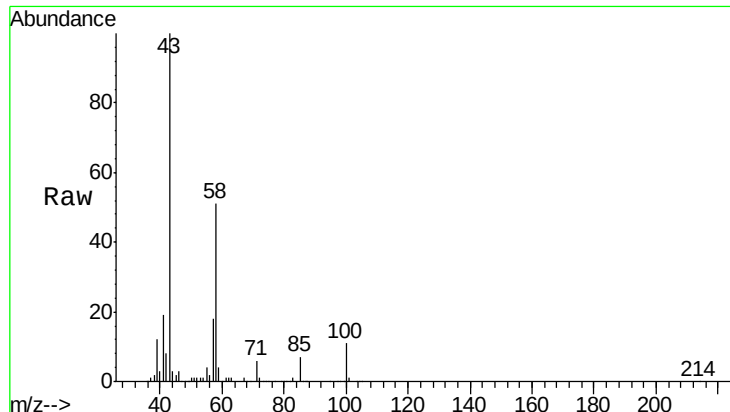
Tgt Ion:	97	Resp:	80031
Ion	Ratio	Lower	Upper
97	100		
83	88.0	58.9	109.5
85	54.5	37.1	68.9
99	63.4	42.7	79.3



#47
 Tetrachloroethene
 Concen: 22.335 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion:	164	Resp:	83924
Ion	Ratio	Lower	Upper
164	100		
129	99.8	62.9	116.9
131	96.8	63.8	118.6
166	124.1	87.4	162.2



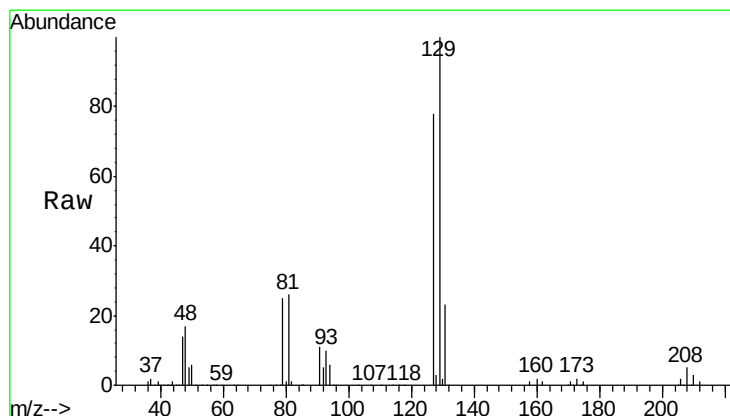
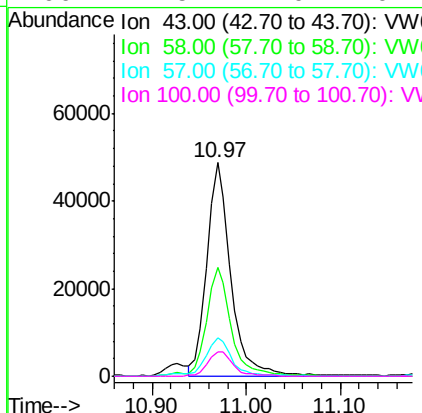
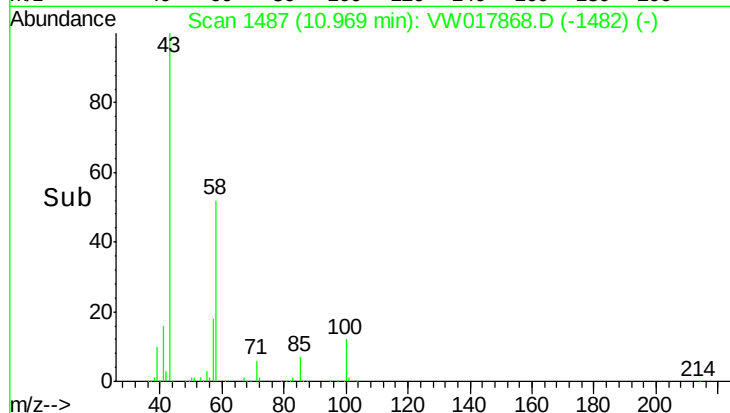


#49
2-Hexanone
Concen: 60.775 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

Tgt Ion: 43 Resp: 85870

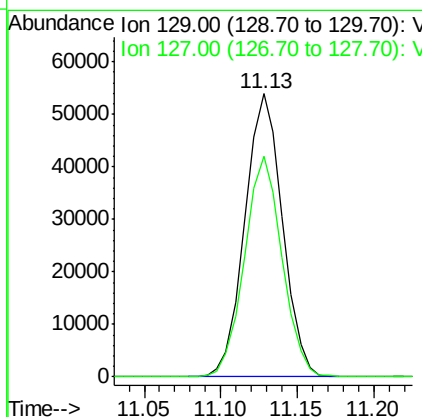
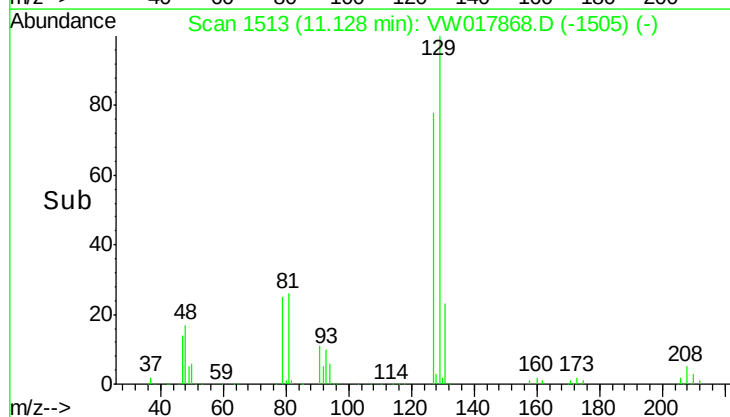
Ion	Ratio	Lower	Upper
43	100		
58	50.6	44.2	66.4
57	18.6	16.1	24.1
100	12.5	11.0	16.4

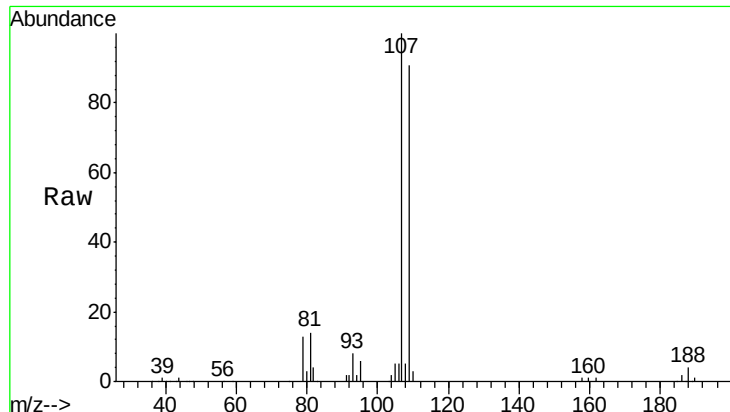


#50
Dibromochloromethane
Concen: 25.490 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

Tgt Ion: 129 Resp: 92203

Ion	Ratio	Lower	Upper
129	100		
127	77.8	56.1	104.3

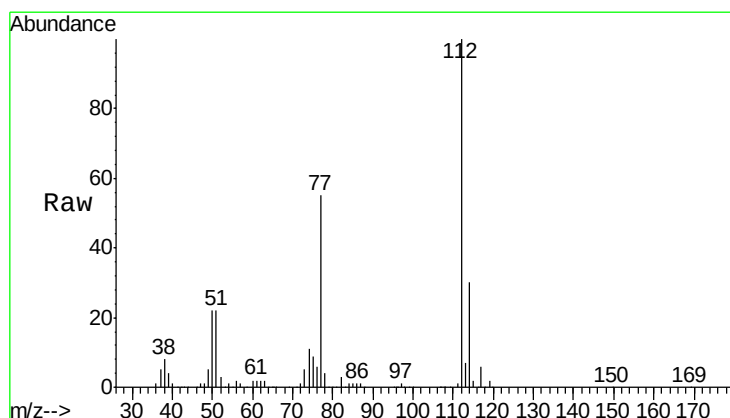
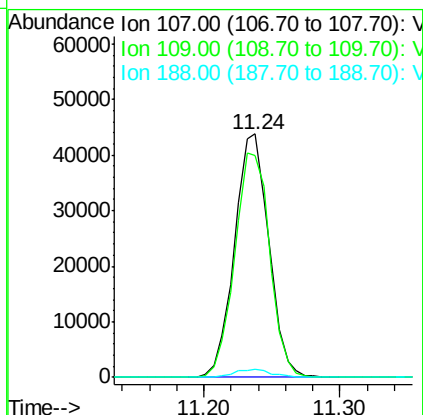
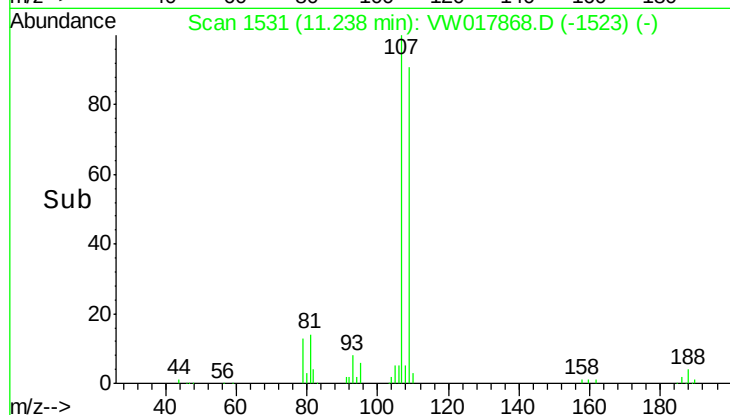




#51
 1,2-Dibromoethane
 Concen: 26.721 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

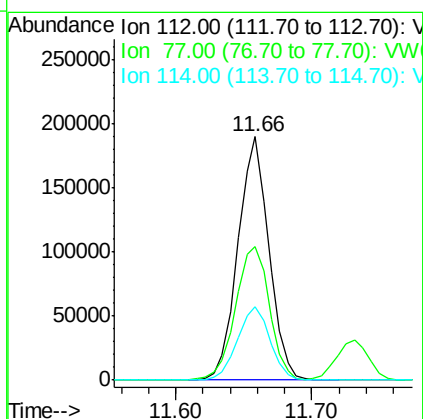
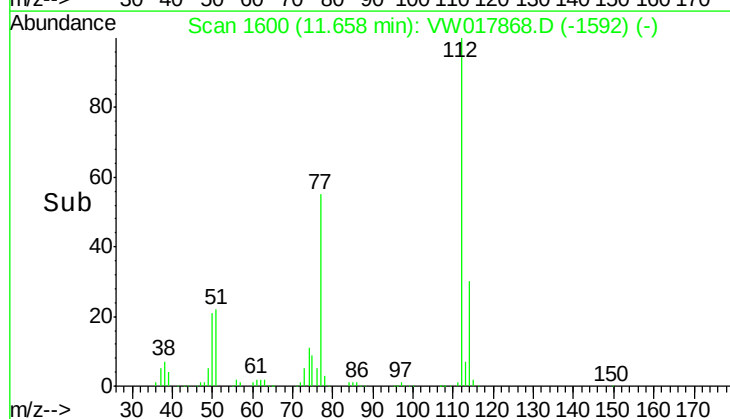
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

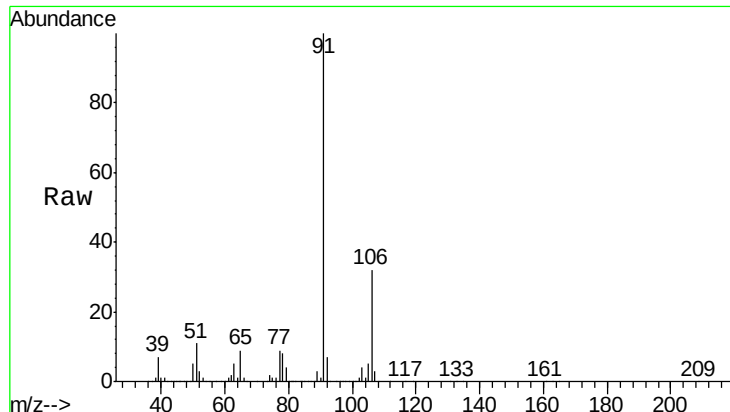
Tgt Ion:107 Resp: 77076
 Ion Ratio Lower Upper
 107 100
 109 91.1 68.5 127.1
 188 3.5 2.7 4.1



#52
 Chlorobenzene
 Concen: 24.349 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion:112 Resp: 300958
 Ion Ratio Lower Upper
 112 100
 77 55.0 43.4 65.2
 114 30.3 21.6 40.2

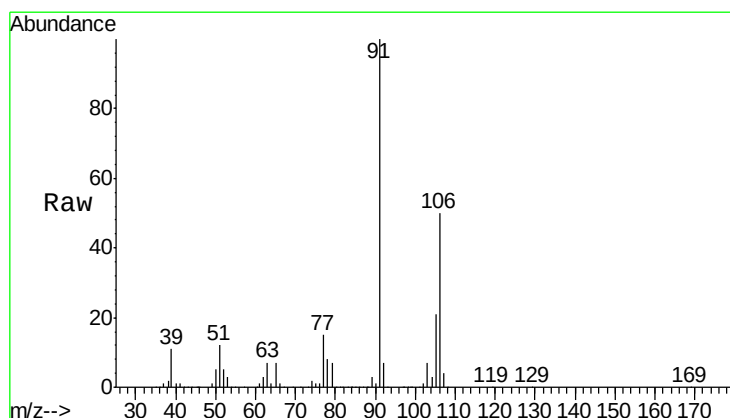
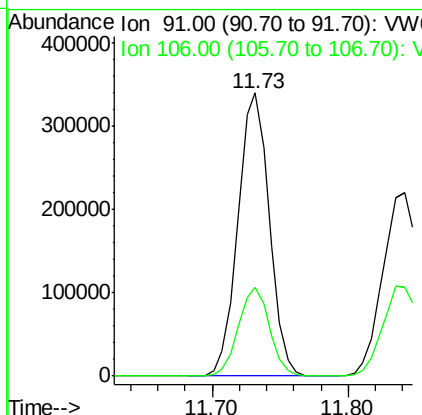
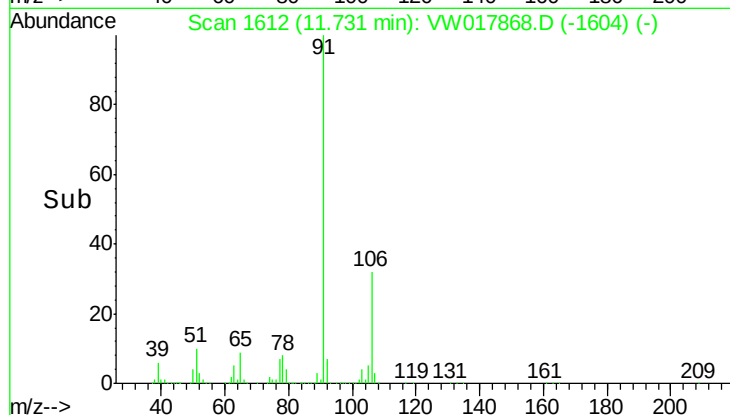




#53
Ethylbenzene
Concen: 24.331 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

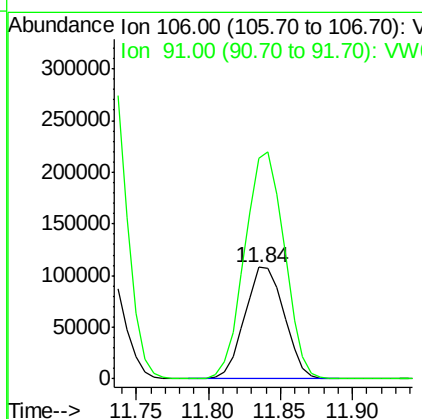
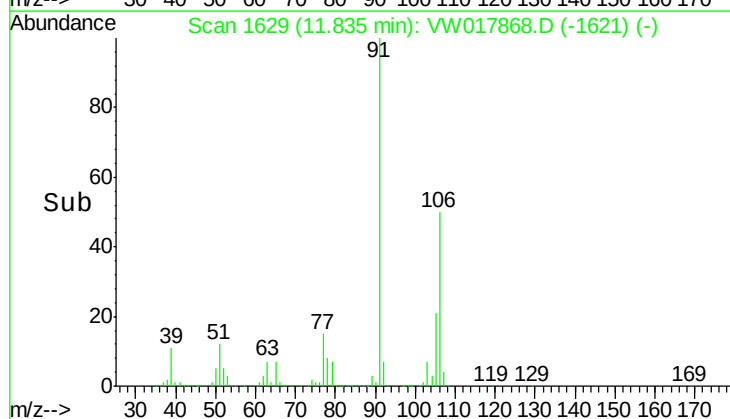
Instrument :
MSVOA_W
ClientSampled :
VSTD02518

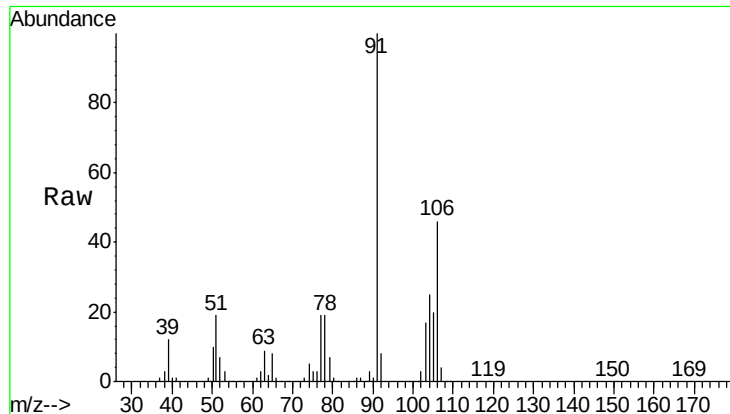
Tgt Ion: 91 Resp: 546607
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0



#54
m,p-Xylene
Concen: 23.381 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

Tgt Ion: 106 Resp: 205472
Ion Ratio Lower Upper
106 100
91 198.9 141.6 263.0

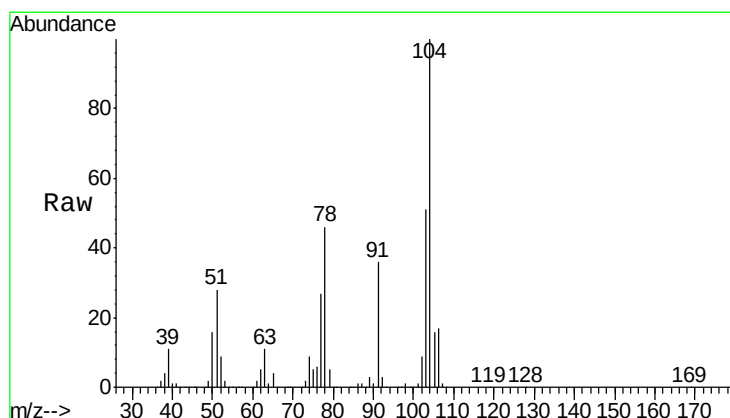
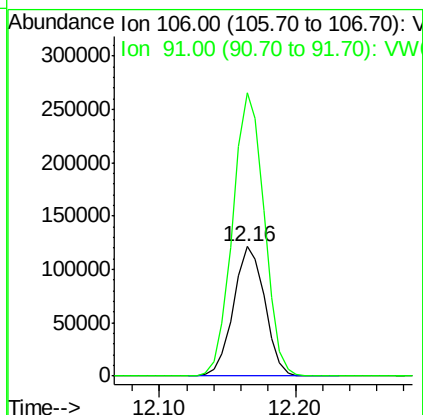
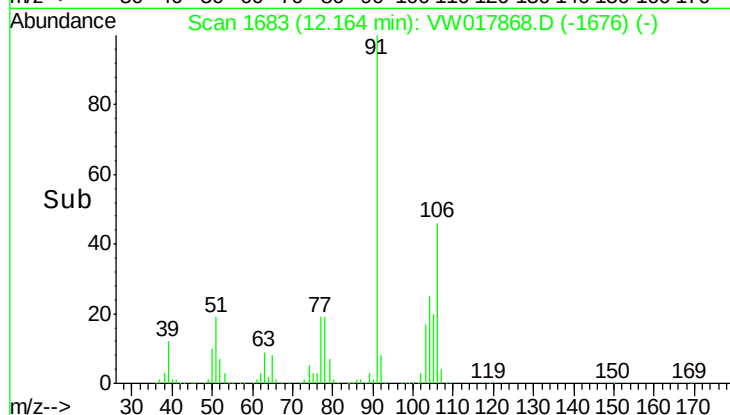




#55
o-xylene
Concen: 23.614 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

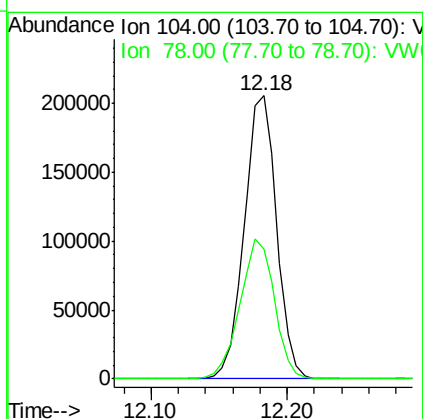
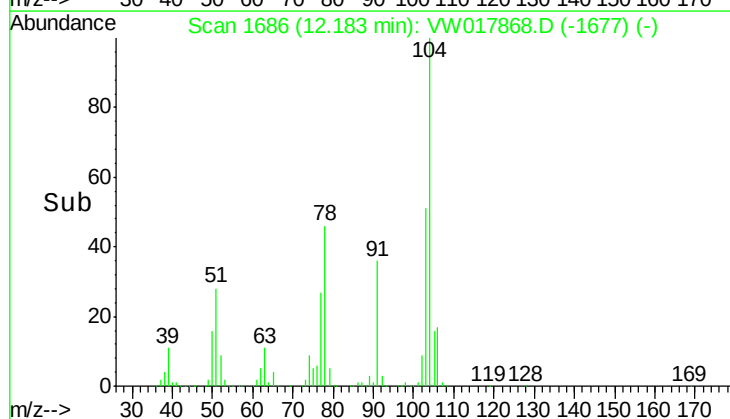
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

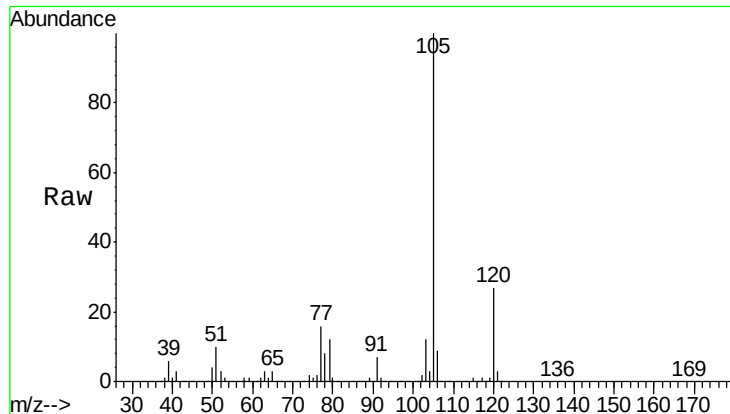
Tgt Ion:106 Resp: 195163
Ion Ratio Lower Upper
106 100
91 218.5 145.7 270.7



#56
Styrene
Concen: 24.834 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

Tgt Ion:104 Resp: 341404
Ion Ratio Lower Upper
104 100
78 45.9 31.6 58.8





#57

Isopropylbenzene

Concen: 23.744 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW017868.D

Acq: 13 Jan 2021 23:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD02518

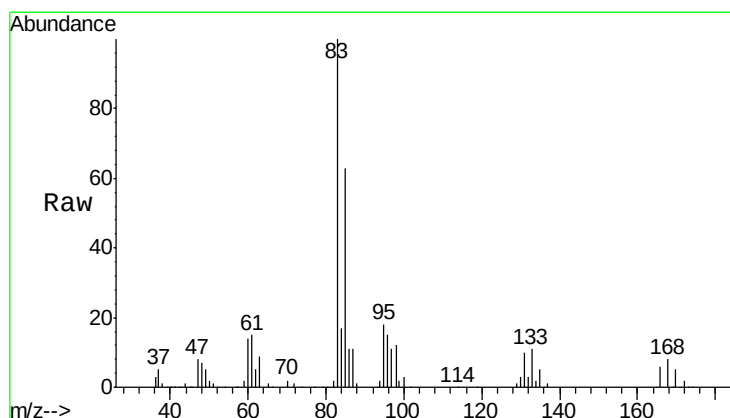
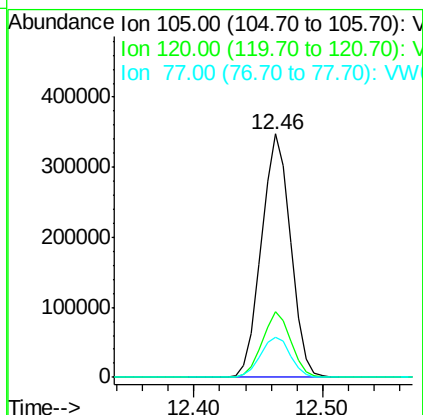
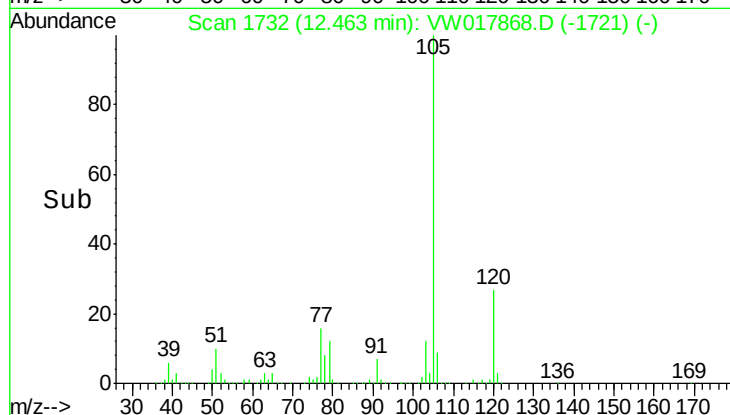
Tgt Ion:105 Resp: 543277

Ion Ratio Lower Upper

105 100

120 26.5 21.4 32.2

77 17.0 12.7 19.1



#58

1,1,2,2-Tetrachloroethane

Concen: 28.550 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW017868.D

Acq: 13 Jan 2021 23:21

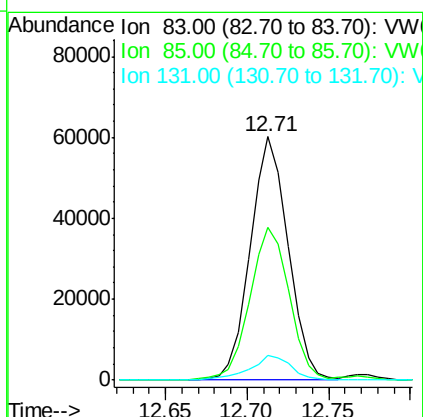
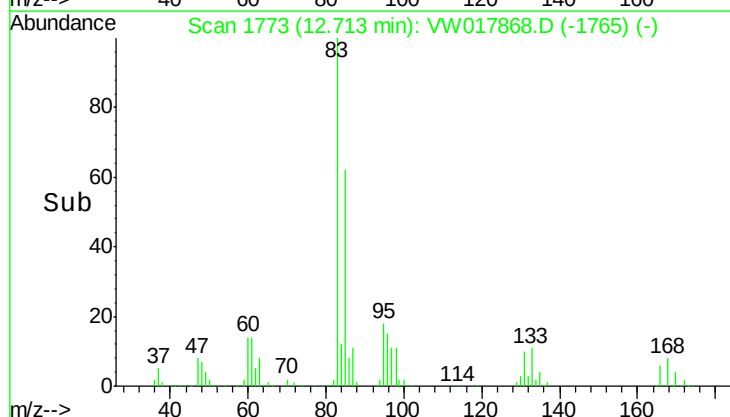
Tgt Ion: 83 Resp: 97091

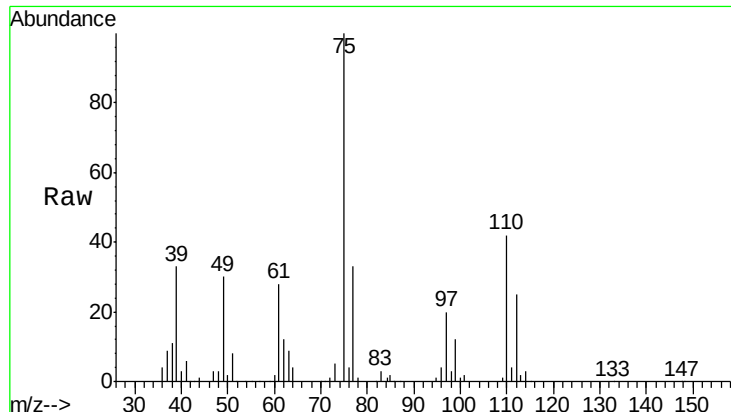
Ion Ratio Lower Upper

83 100

85 62.5 45.6 84.8

131 9.9 7.8 11.8

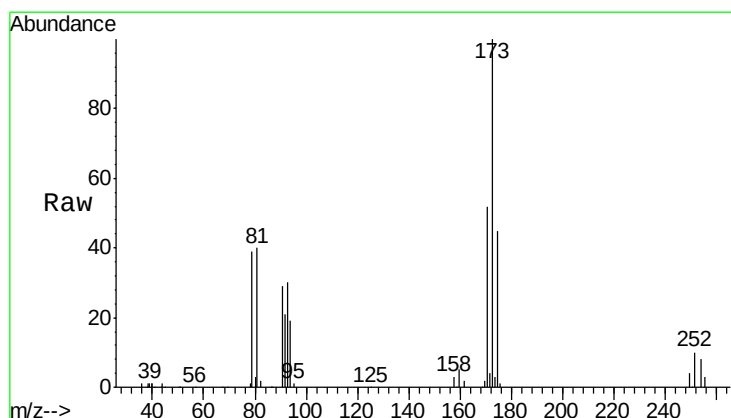
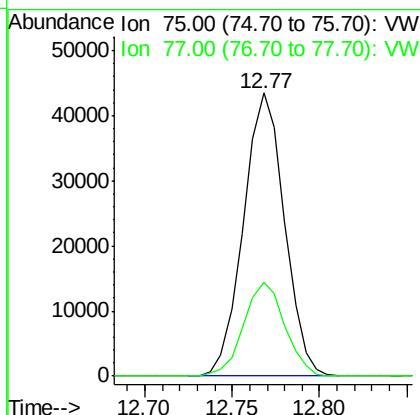
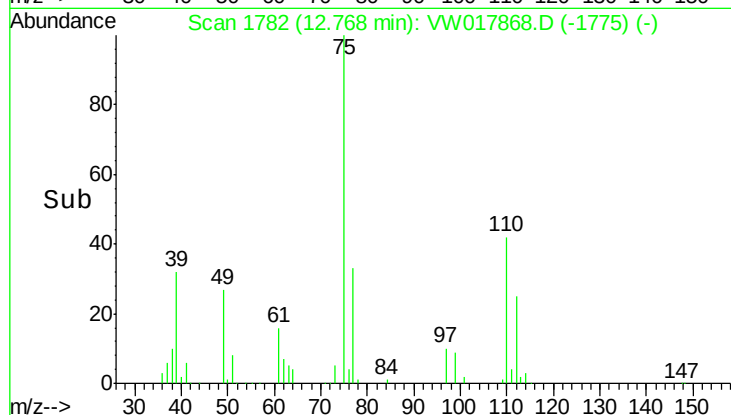




#59
 1,2,3-Trichloropropane
 Concen: 28.347 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

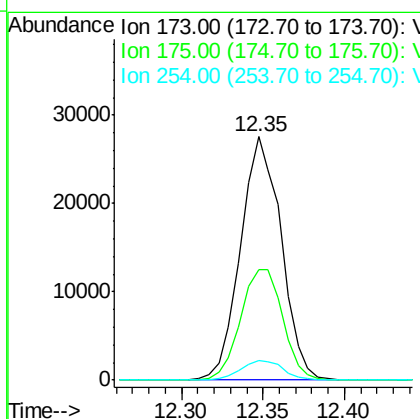
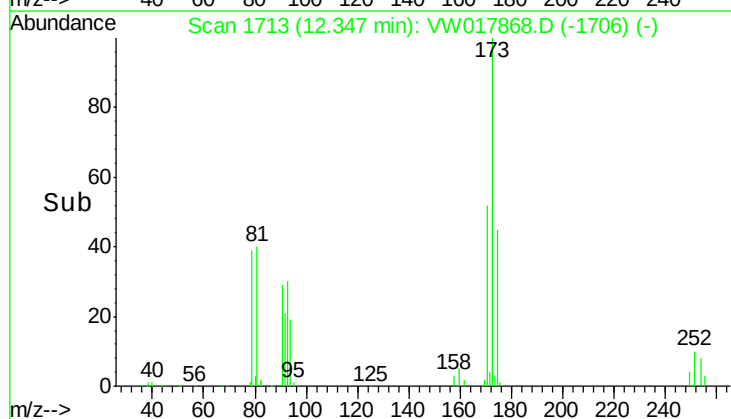
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

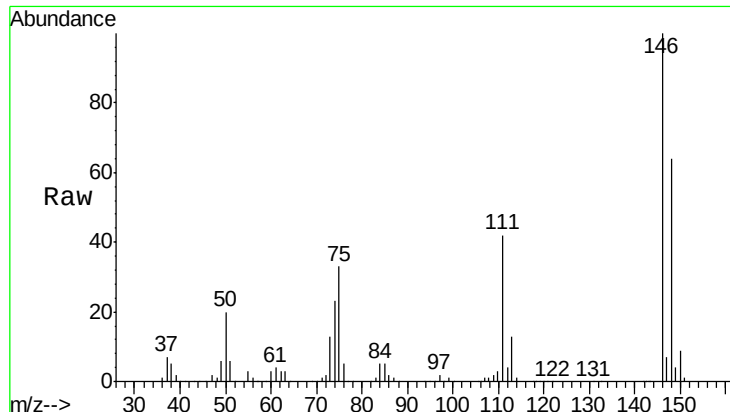
Tgt Ion: 75 Resp: 70862
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0



#62
 Bromoform
 Concen: 25.347 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion: 173 Resp: 47726
 Ion Ratio Lower Upper
 173 100
 175 47.2 38.1 57.1
 254 8.3 6.7 10.1

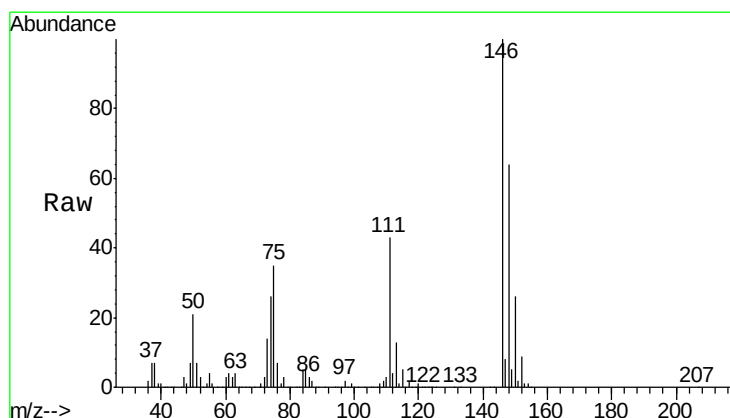
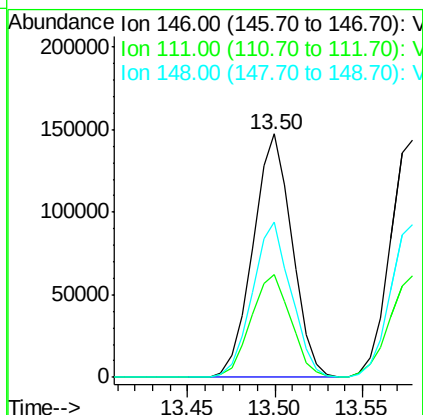
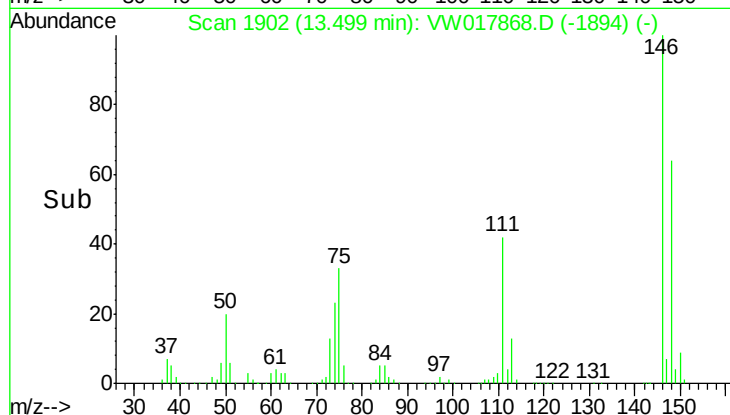




#63
 1,3-Dichlorobenzene
 Concen: 24.086 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

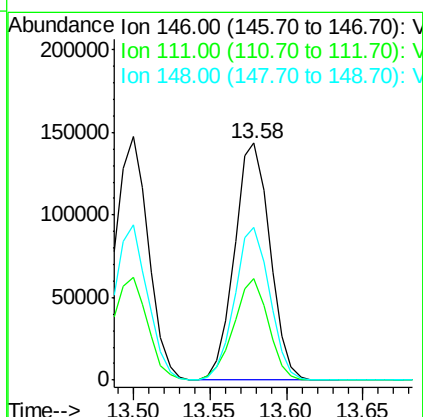
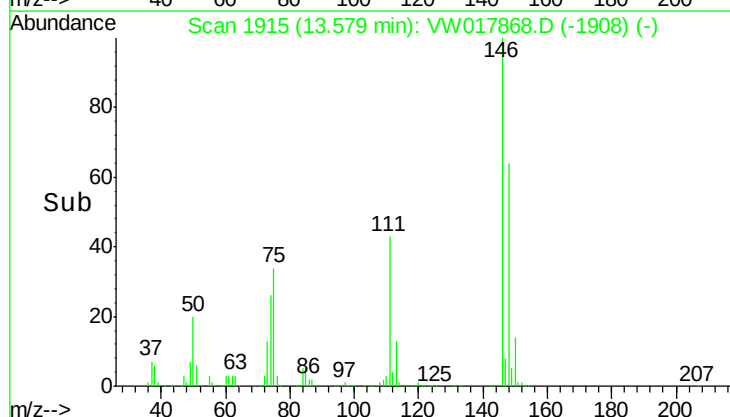
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

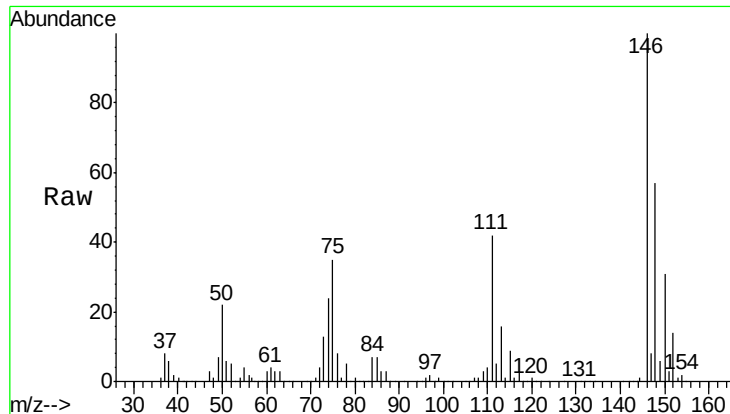
Tgt Ion:146 Resp: 228774
 Ion Ratio Lower Upper
 146 100
 111 42.3 29.5 54.7
 148 63.8 47.7 88.5



#64
 1,4-Dichlorobenzene
 Concen: 24.235 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion:146 Resp: 231319
 Ion Ratio Lower Upper
 146 100
 111 42.8 27.7 51.5
 148 64.3 44.2 82.2

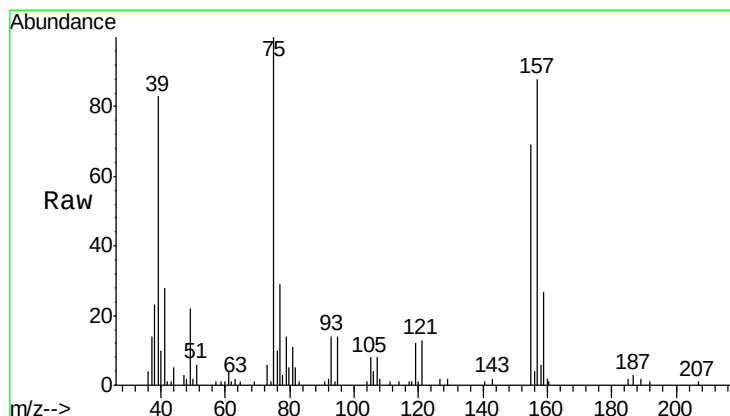
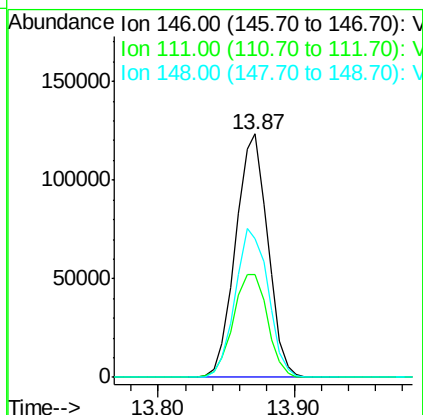
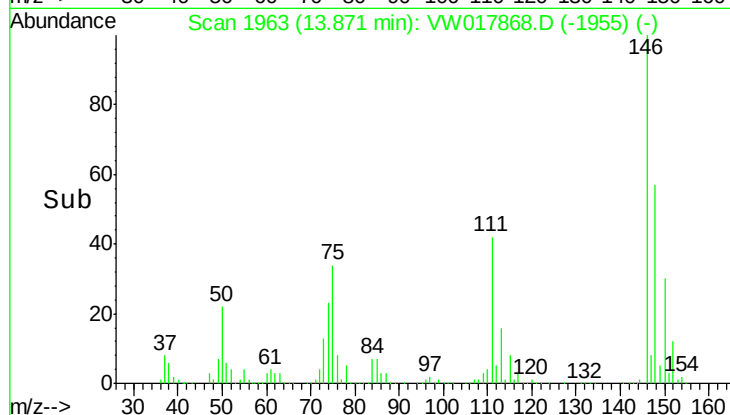




#65
 1,2-Dichlorobenzene
 Concen: 24.403 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

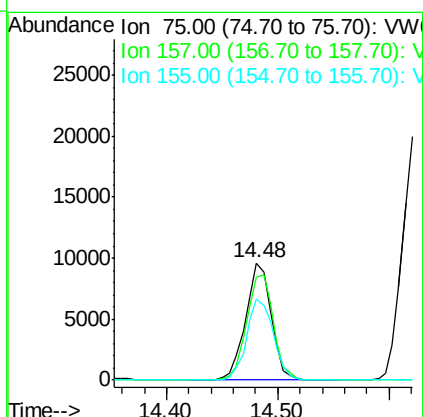
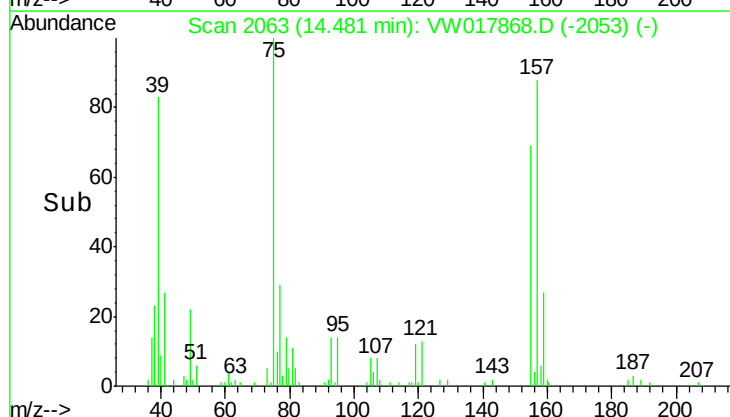
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

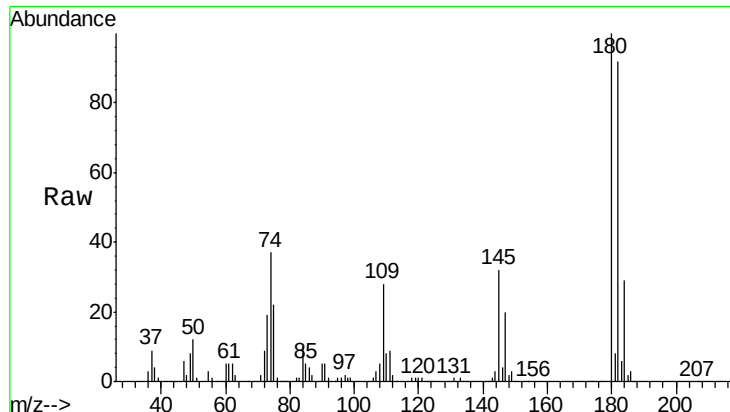
Tgt Ion: 146 Resp: 203665
 Ion Ratio Lower Upper
 146 100
 111 42.3 34.4 51.6
 148 57.1 50.6 76.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 27.892 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion: 75 Resp: 15332
 Ion Ratio Lower Upper
 75 100
 157 87.8 70.2 105.4
 155 68.9 59.8 89.6

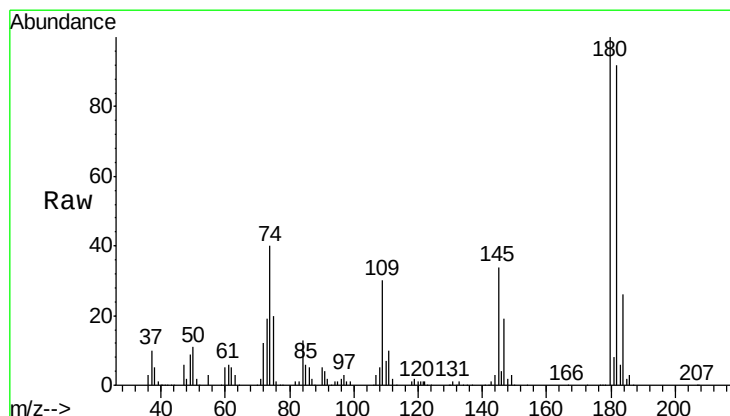
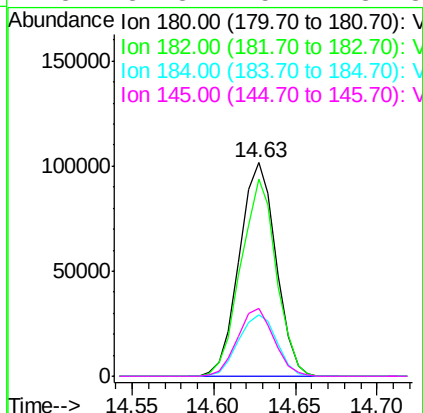
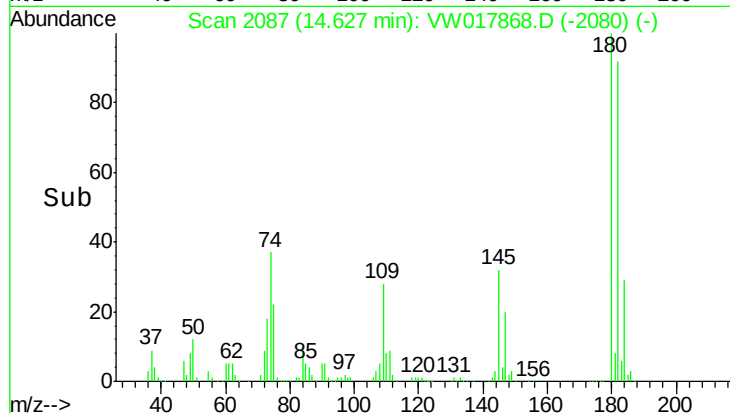




#67
 1,3,5-Trichlorobenzene
 Concen: 24.490 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

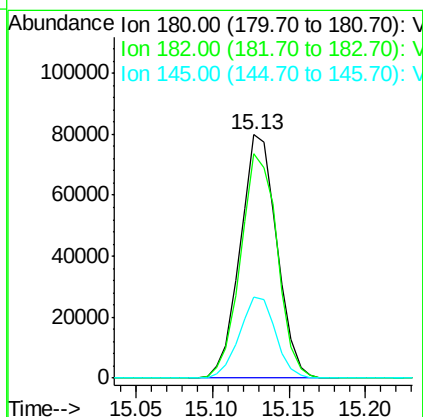
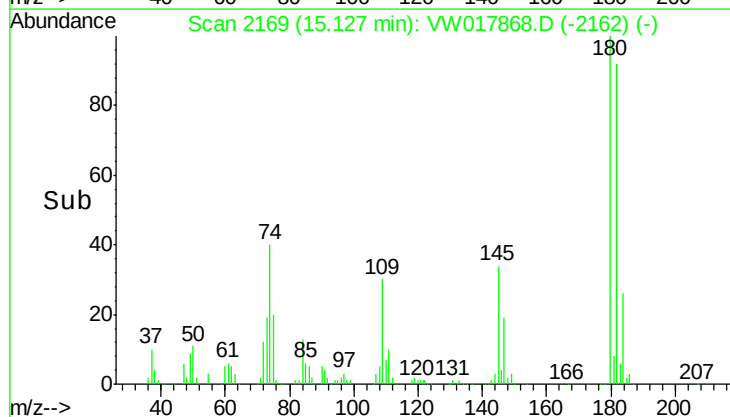
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

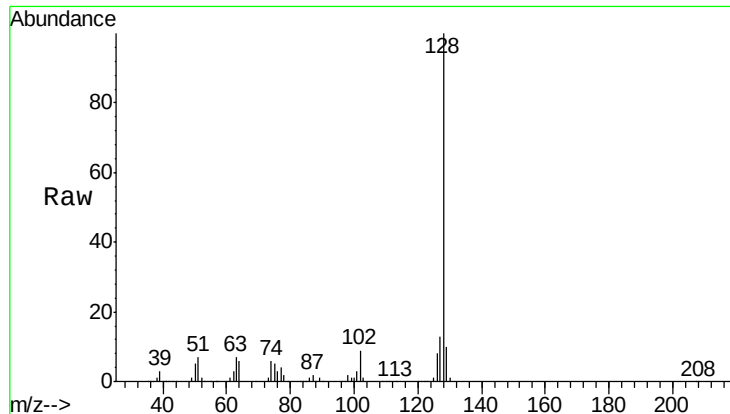
Tgt Ion:180 Resp: 159468
 Ion Ratio Lower Upper
 180 100
 182 89.8 76.2 114.2
 184 29.9 23.6 35.4
 145 31.3 25.2 37.8



#68
 1,2,4-trichlorobenzene
 Concen: 24.800 ug/L
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW017868.D
 Acq: 13 Jan 2021 23:21

Tgt Ion:180 Resp: 132920
 Ion Ratio Lower Upper
 180 100
 182 92.2 73.0 109.6
 145 32.9 25.8 38.6

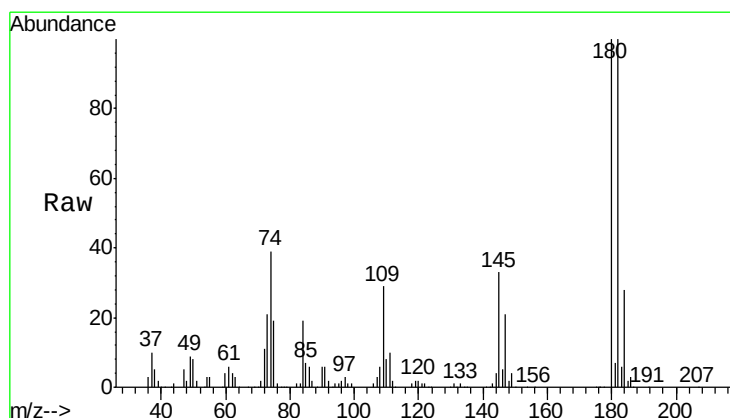
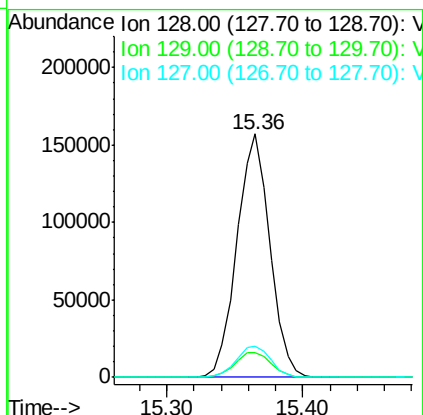
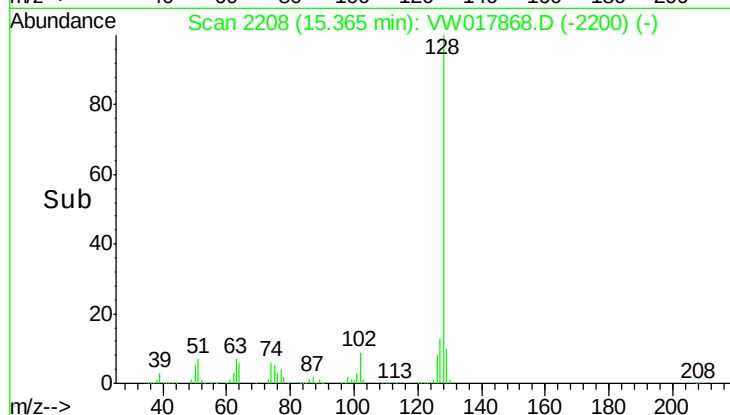




#69
Naphthalene
Concen: 26.033 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

Tgt Ion:128 Resp: 265702
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 25.038 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW017868.D
Acq: 13 Jan 2021 23:21

Tgt Ion:180 Resp: 113319
Ion Ratio Lower Upper
180 100
182 97.5 74.8 112.2
145 33.8 28.6 43.0

