

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030421\
 Data File : VV020464.D
 Acq On : 04 Mar 2021 12:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Mar 04 12:56:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 04 00:36:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	507780	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	507611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	301712	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	150413	40.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.26%
7) Chloroethane-d5	1.568	69	133893	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.16%
11) 1,1-Dichloroethene-d2	2.111	63	288723	41.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.52%
21) 2-Butanone-d5	3.892	46	219432	106.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.09%
24) Chloroform-d	4.352	84	334579	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
26) 1,2-Dichloroethane-d4	5.034	65	207933	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
32) Benzene-d6	5.053	84	648820	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.072	67	200790	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.28%
41) Toluene-d8	7.320	98	628094	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%
43) trans-1,3-Dichloroprop...	7.625	79	97497	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.42%
47) 2-Hexanone-d5	8.091	63	165929	101.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	291307	51.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.34%
64) 1,2-Dichlorobenzene-d4	11.631	152	299571	52.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.94%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	226445	50.15	ug/L	99
3) Chloromethane	1.243	50	182878	45.57	ug/L	99
5) Vinyl chloride	1.310	62	200174	46.32	ug/L	100
6) Bromomethane	1.523	94	131735	48.77	ug/L	94
8) Chloroethane	1.587	64	122920	45.48	ug/L	99
9) Trichlorofluoromethane	1.754	101	320763	52.23	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	181425	55.51	ug/L #	85
12) 1,1-Dichloroethene	2.117	96	162845	51.70	ug/L	71
13) Acetone	2.188	43	151655	103.87	ug/L	91
14) Carbon disulfide	2.294	76	398922	42.97	ug/L	100
15) Methyl Acetate	2.436	43	150360	48.40	ug/L #	89
16) Methylene chloride	2.510	84	177324	51.39	ug/L	84
17) trans-1,2-Dichloroethene	2.760	96	167422	51.26	ug/L	87
18) Methyl tert-butyl Ether	2.770	73	490436	49.45	ug/L #	93
19) 1,1-Dichloroethane	3.191	63	293267	49.44	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	183811	52.33	ug/L	82
22) 2-Butanone	3.979	43	221747	106.79	ug/L	91
23) Bromochloromethane	4.249	128	104530	55.04	ug/L #	74
25) Chloroform	4.378	83	334066	53.78	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

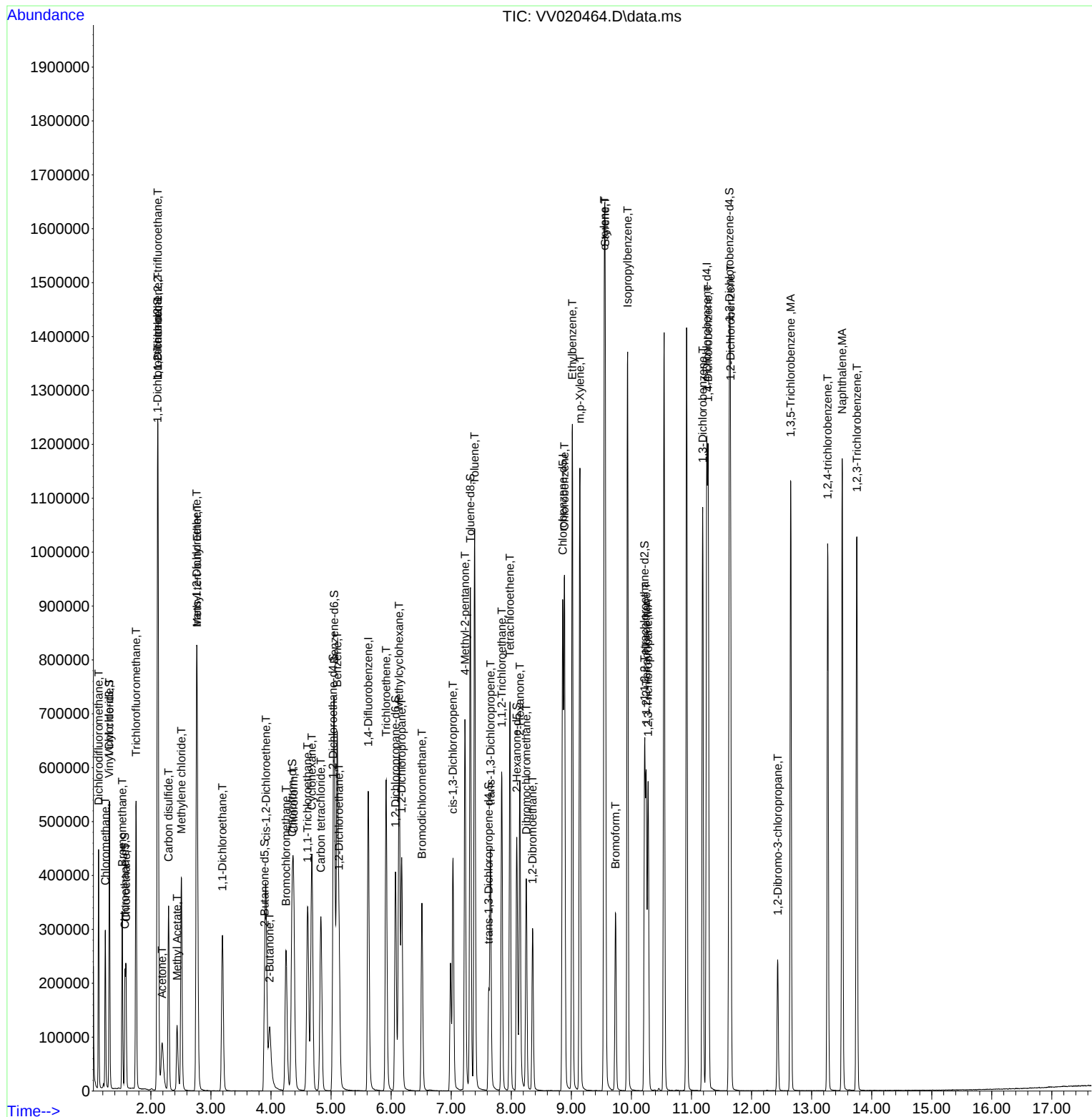
27) 1,2-Dichloroethane	5.133	62	238998	48.59	ug/L #	95
29) Cyclohexane	4.680	56	235975	45.85	ug/L	87
30) 1,1,1-Trichloroethane	4.609	97	288663	51.21	ug/L	94
31) Carbon tetrachloride	4.831	117	253443	51.70	ug/L	99
33) Benzene	5.101	78	689149	50.77	ug/L	100
34) Trichloroethene	5.915	95	199087	53.38	ug/L	91
35) Methylcyclohexane	6.133	83	276420	48.95	ug/L	91
37) 1,2-Dichloropropane	6.175	63	172150	50.07	ug/L #	96
38) Bromodichloromethane	6.513	83	235347	49.80	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	270630	49.71	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	421533	97.24	ug/L #	89
42) Toluene	7.390	91	777856	52.10	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	264156	49.89	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	187560	53.01	ug/L	96
46) Tetrachloroethene	7.979	164	171006	56.11	ug/L	93
48) 2-Hexanone	8.143	43	332331	100.21	ug/L #	88
49) Dibromochloromethane	8.249	129	207223	53.08	ug/L	99
50) 1,2-Dibromoethane	8.355	107	199192	52.55	ug/L #	100
51) Chlorobenzene	8.886	112	526314	52.55	ug/L	94
52) Ethylbenzene	9.017	91	855066	51.86	ug/L	97
53) m,p-Xylene	9.143	106	334008	53.20	ug/L	91
54) o-xylene	9.548	106	325386	53.24	ug/L	93
55) Styrene	9.564	104	580954	55.23	ug/L	92
56) Isopropylbenzene	9.937	105	877487	53.50	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.246	83	268474	48.16	ug/L #	97
59) 1,2,3-Trichloropropane	10.278	75	236166	51.23	ug/L	100
61) Bromoform	9.738	173	151445	49.33	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	463722	51.96	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	476782	52.10	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	464653	52.15	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	56205	41.12	ug/L #	72
67) 1,3,5-Trichlorobenzene	12.654	180	370963	53.23	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	325627	52.66	ug/L	97
69) Naphthalene	13.509	128	903693	51.03	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	330442	53.67	ug/L	97

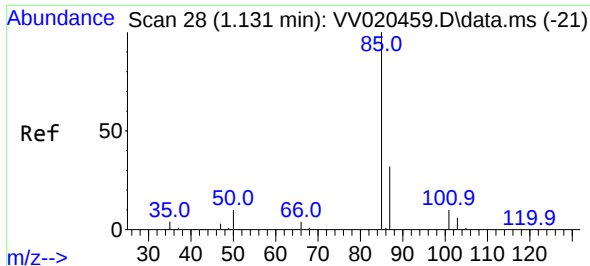
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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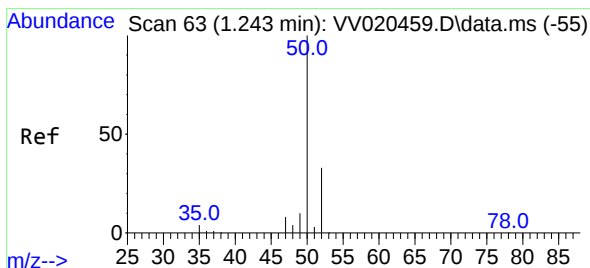
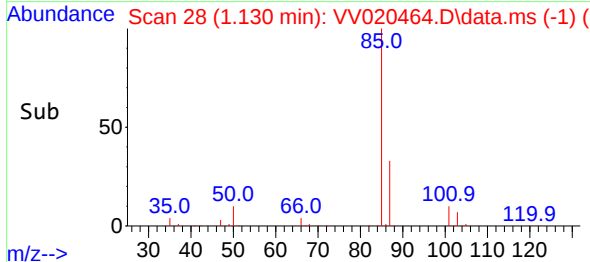
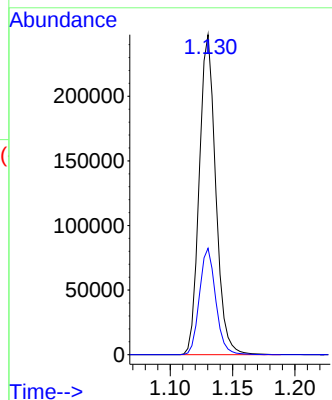
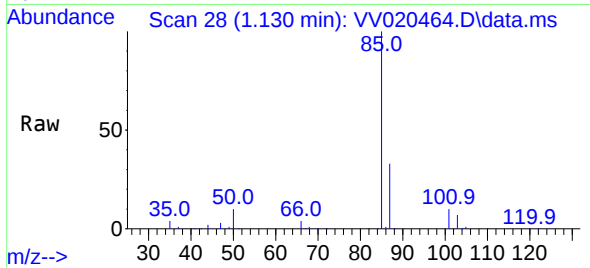




#2
 Dichlorodifluoromethane
 Concen: 50.15 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020464.D
 Acq: 04 Mar 2021 12:35

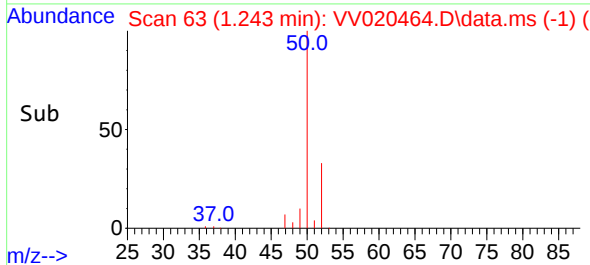
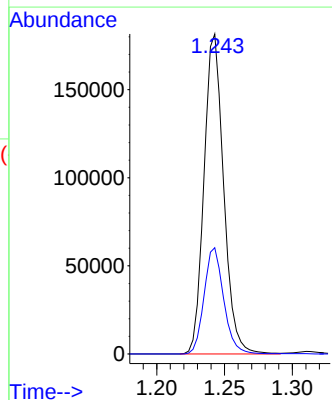
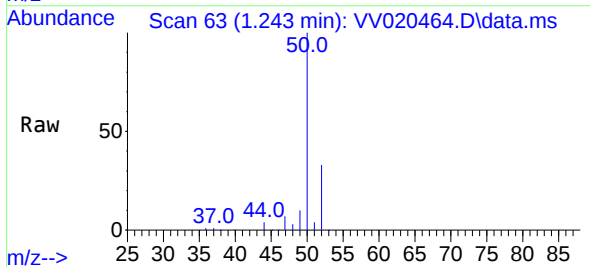
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

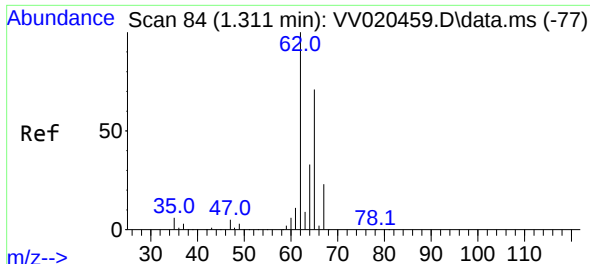
Tgt Ion: 85 Resp: 226445
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 45.57 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020464.D
 Acq: 04 Mar 2021 12:35

Tgt Ion: 50 Resp: 182878
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.1

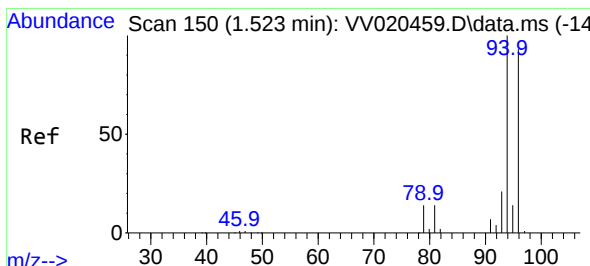
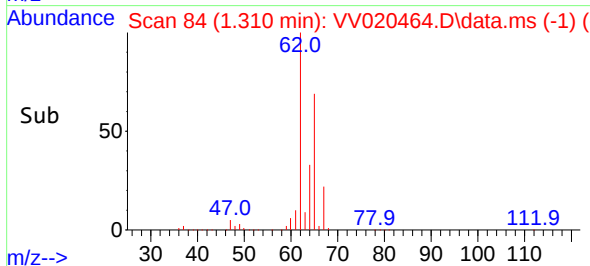
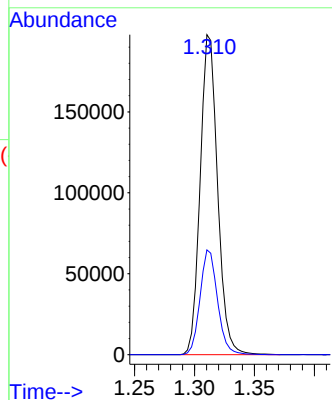
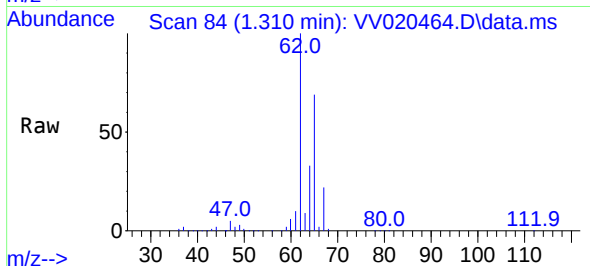




#5
 Vinyl chloride
 Concen: 46.32 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020464.D
 Acq: 04 Mar 2021 12:35

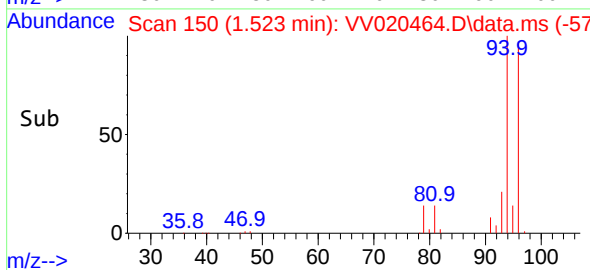
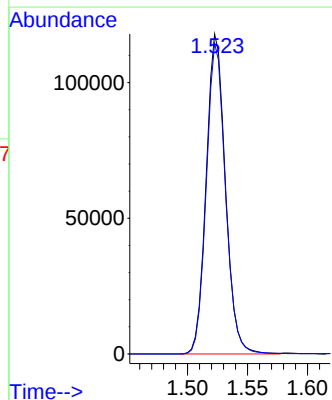
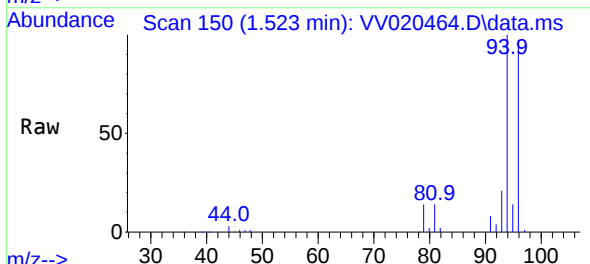
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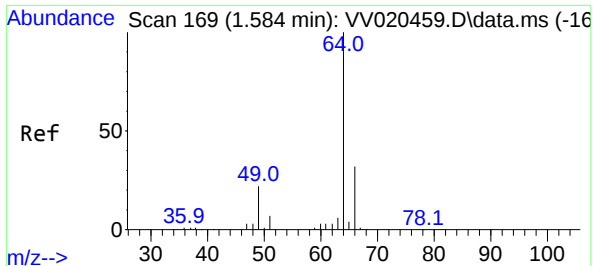
Tgt Ion: 62 Resp: 200174
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 48.77 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020464.D
 Acq: 04 Mar 2021 12:35

Tgt Ion: 94 Resp: 131735
 Ion Ratio Lower Upper
 94 100
 96 97.0 63.6 118.2

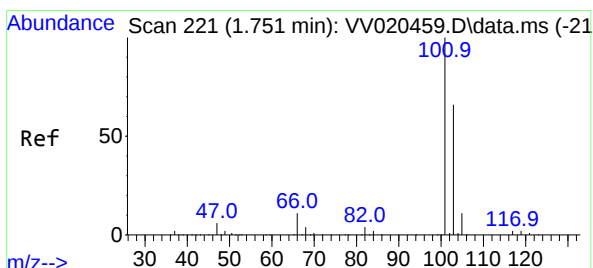
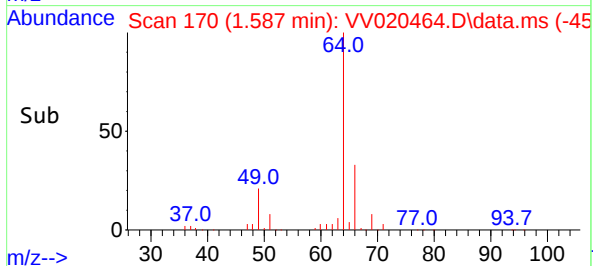
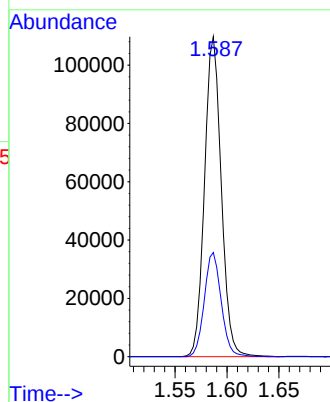
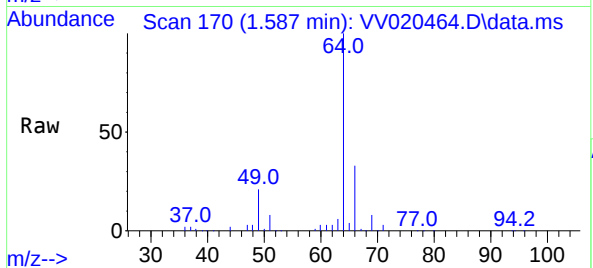




#8
Chloroethane
Concen: 45.48 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

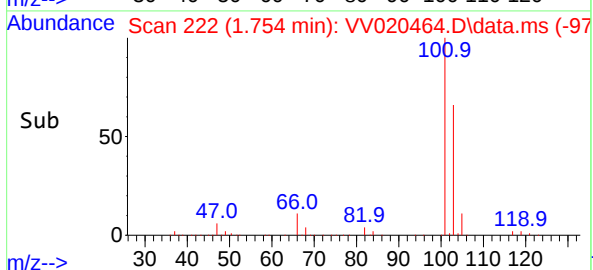
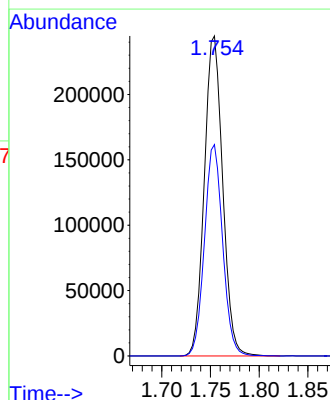
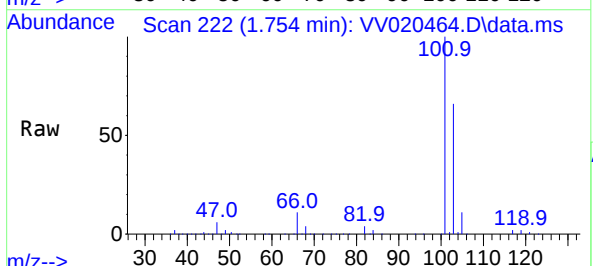
Instrument :
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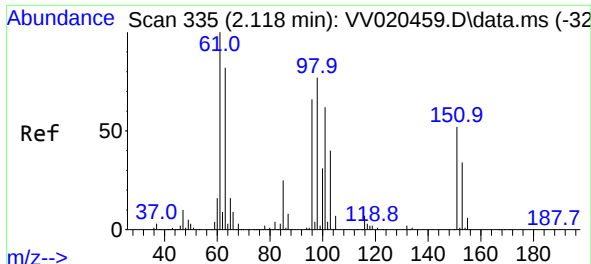
Tgt Ion: 64 Resp: 122920
Ion Ratio Lower Upper
64 100
66 32.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 52.23 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion:101 Resp: 320763
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5





#10

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

Concen: 55.51 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV020464.D

Acq: 04 Mar 2021 12:35

Instrument :

MSVOA_V

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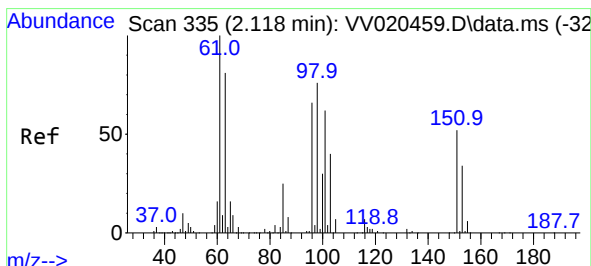
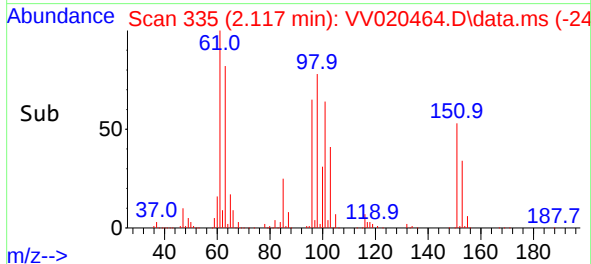
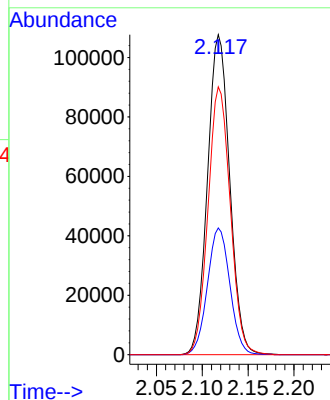
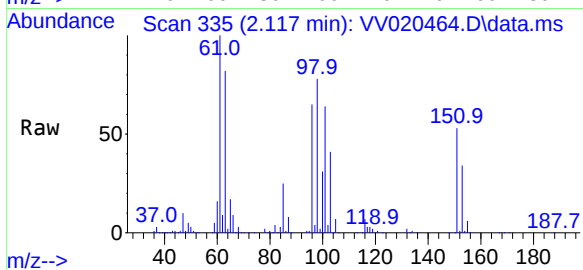
Tgt Ion:101 Resp: 181425

Ion Ratio Lower Upper

101 100

85 40.0 35.3 52.9

151 83.8 53.6 80.4#



#12

1,1-Dichloroethene

Concen: 51.70 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV020464.D

Acq: 04 Mar 2021 12:35

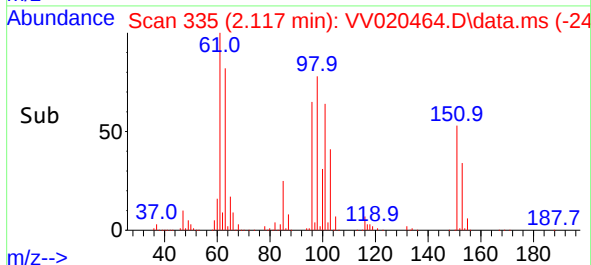
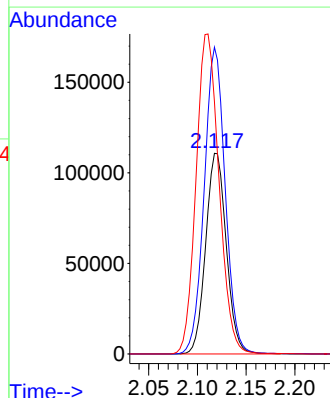
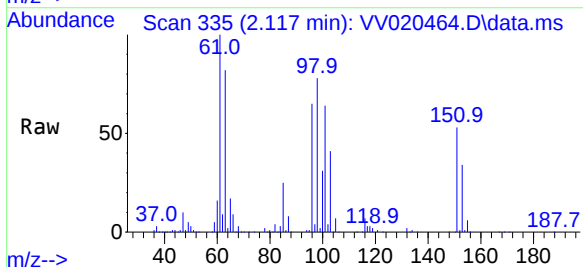
Tgt Ion: 96 Resp: 162845

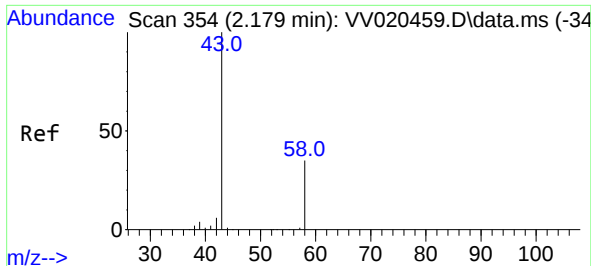
Ion Ratio Lower Upper

96 100

61 152.8 134.9 250.5

63 125.7 117.6 218.4

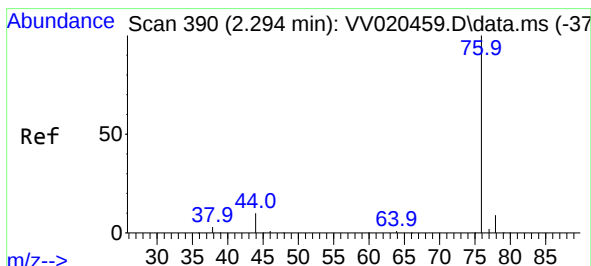
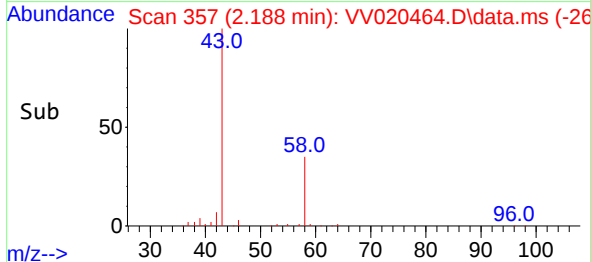
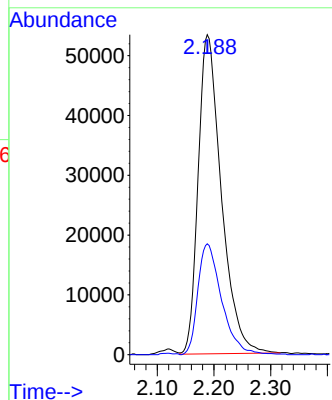
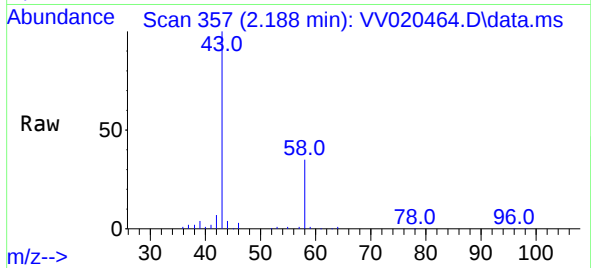




#13
Acetone
Concen: 103.87 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.013 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

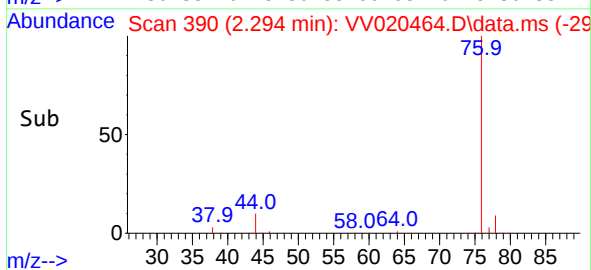
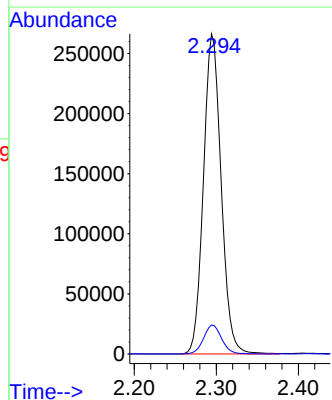
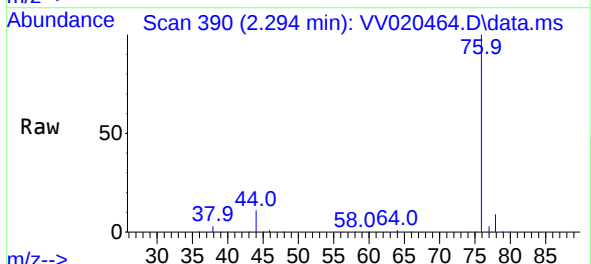
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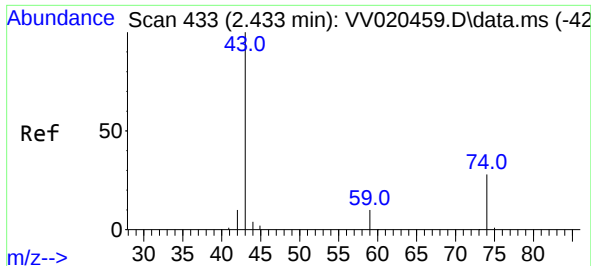
Tgt Ion: 43 Resp: 151655
Ion Ratio Lower Upper
43 100
58 34.9 0.0 60.2



#14
Carbon disulfide
Concen: 42.97 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020464.D
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Tgt Ion: 76 Resp: 398922
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

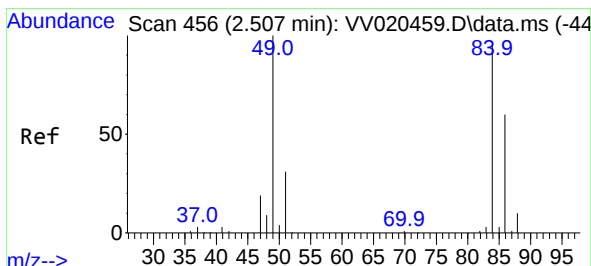
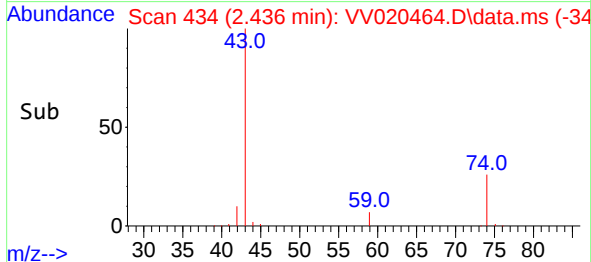
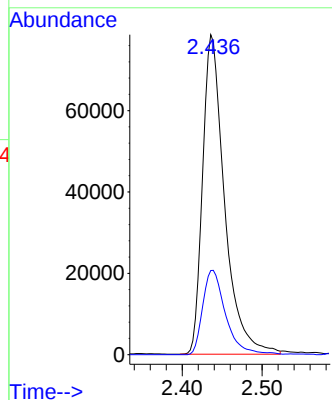
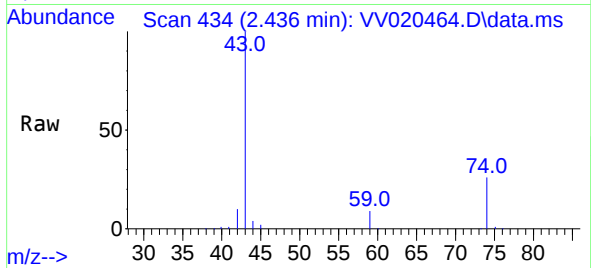




#15
Methyl Acetate
Concen: 48.40 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

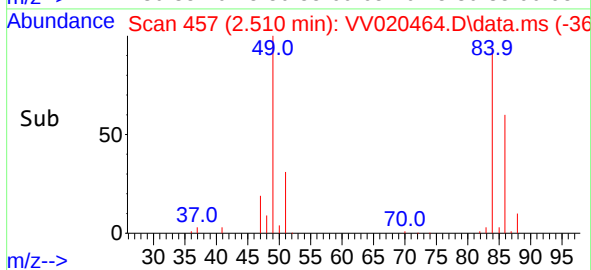
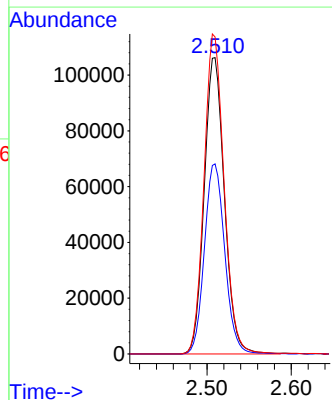
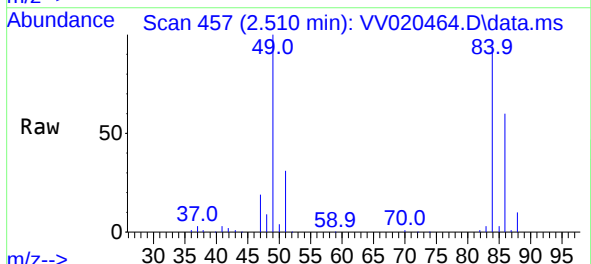
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

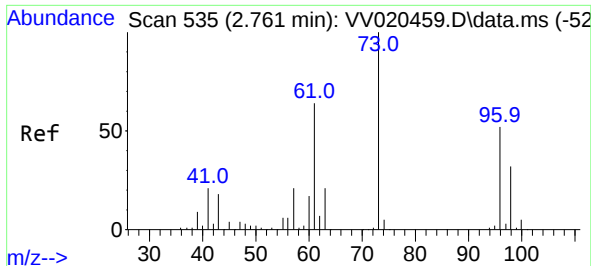
Tgt Ion: 43 Resp: 150360
Ion Ratio Lower Upper
43 100
74 27.3 17.6 26.4#



#16
Methylene chloride
Concen: 51.39 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 84 Resp: 177324
Ion Ratio Lower Upper
84 100
86 64.1 44.6 82.8
49 106.9 94.6 175.8

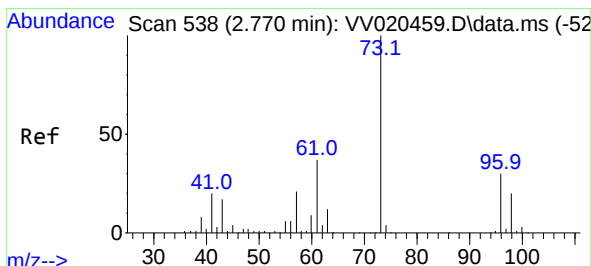
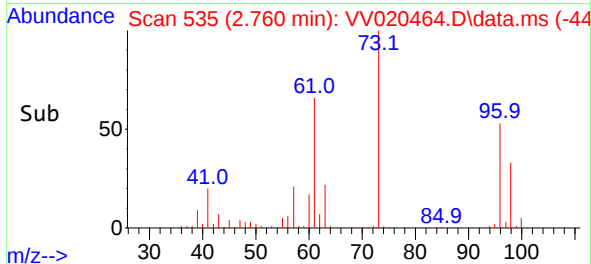
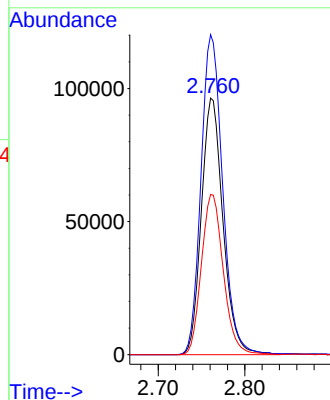
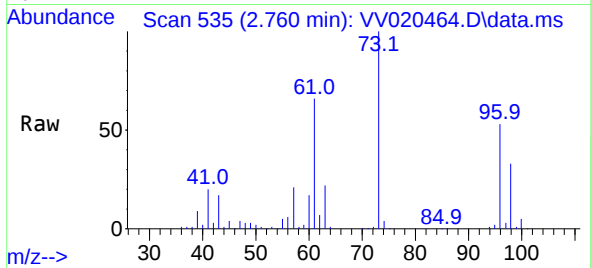




#17
trans-1,2-Dichloroethene
Concen: 51.26 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

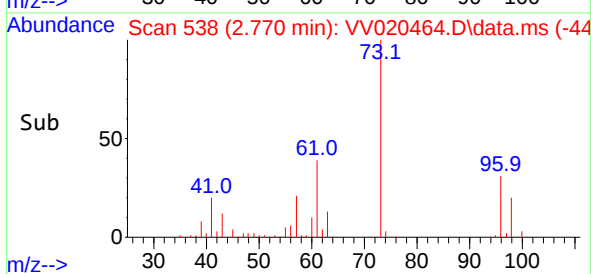
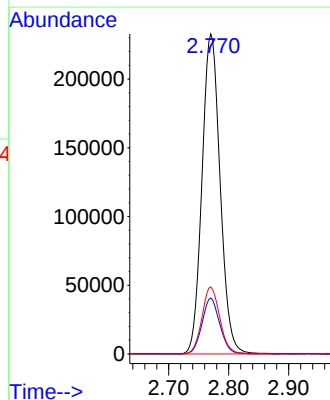
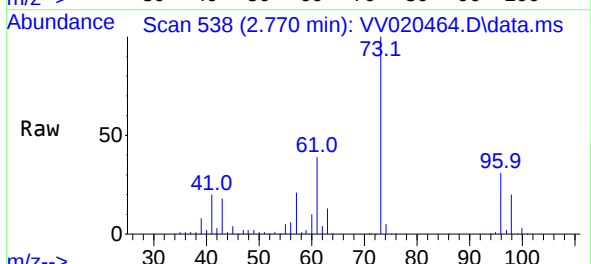
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

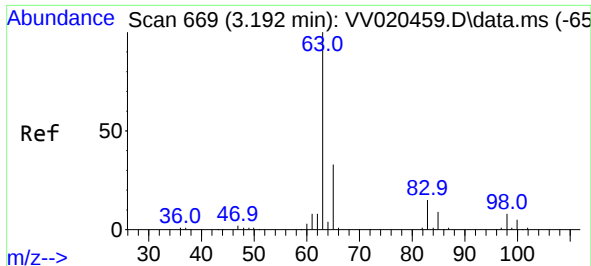
Tgt Ion: 96 Resp: 167422
Ion Ratio Lower Upper
96 100
61 124.7 103.1 191.5
98 62.4 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 49.45 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 73 Resp: 490436
Ion Ratio Lower Upper
73 100
43 17.0 17.3 25.9#
57 20.6 17.9 26.9



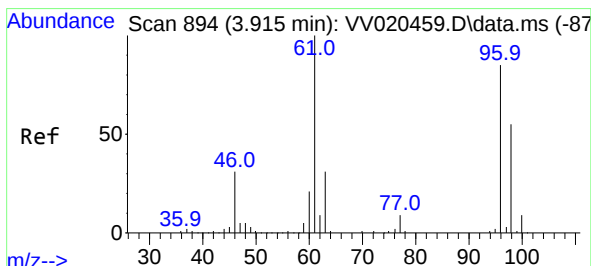
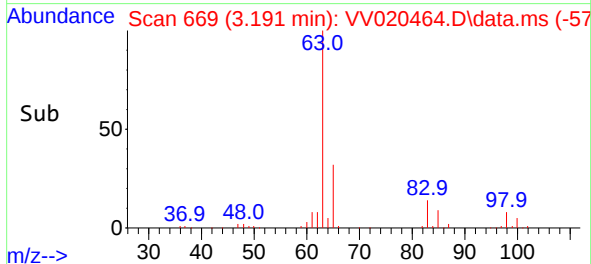
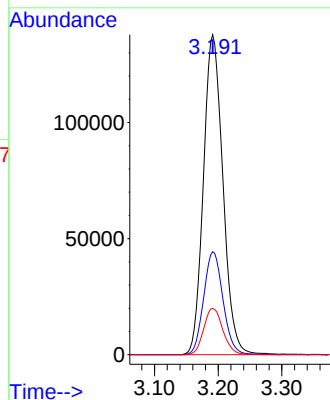
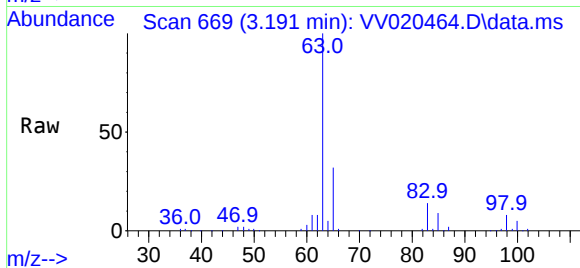


#19

1,1-Dichloroethane
Concen: 49.44 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

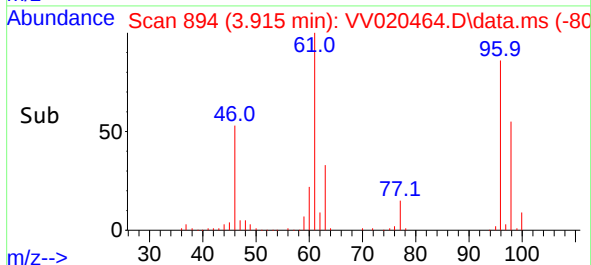
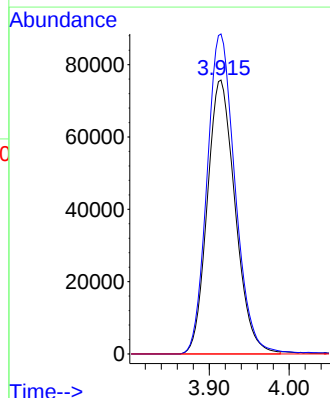
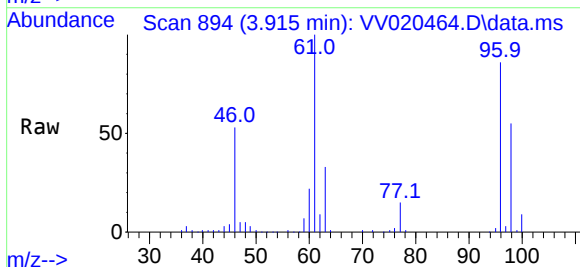
Tgt Ion: 63 Resp: 293267
Ion Ratio Lower Upper
63 100
65 32.2 21.9 40.7
83 14.4 9.5 17.7

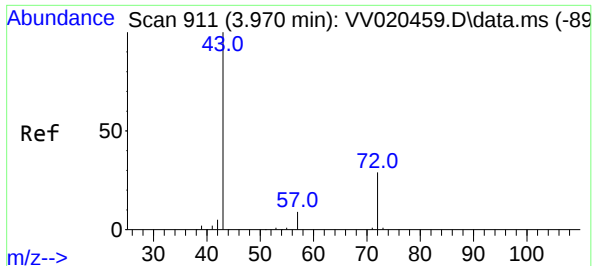


#20

cis-1,2-Dichloroethene
Concen: 52.33 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 96 Resp: 183811
Ion Ratio Lower Upper
96 100
61 116.8 96.9 179.9
68 0.0 0.0 0.0

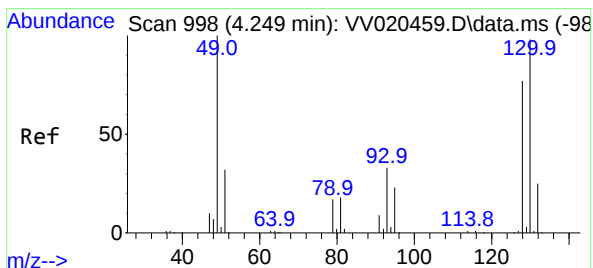
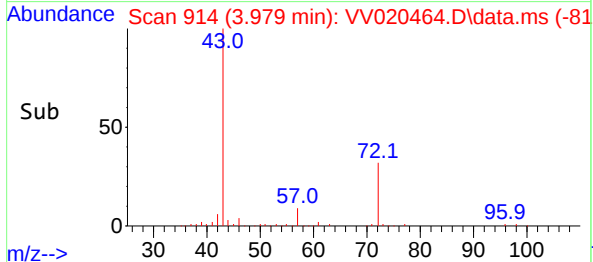
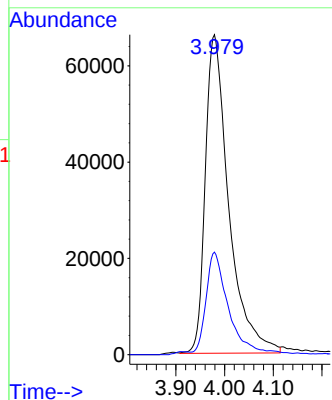
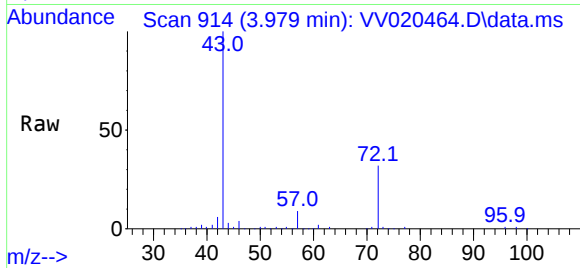




#22
2-Butanone
Concen: 106.79 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.013 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

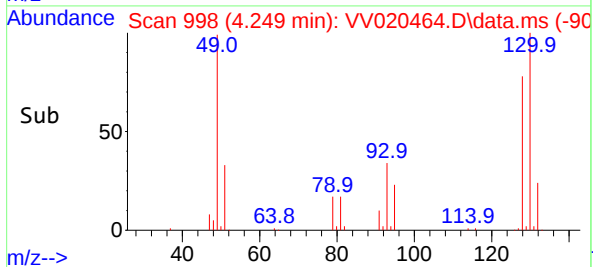
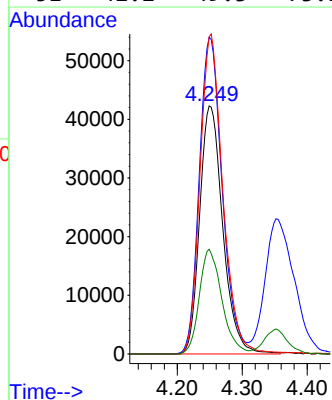
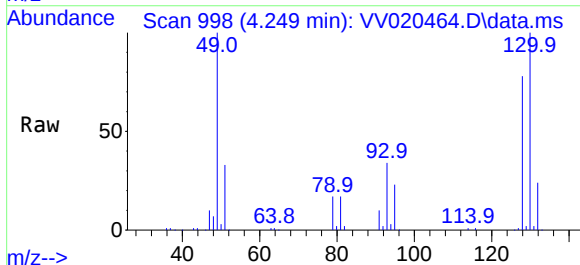
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

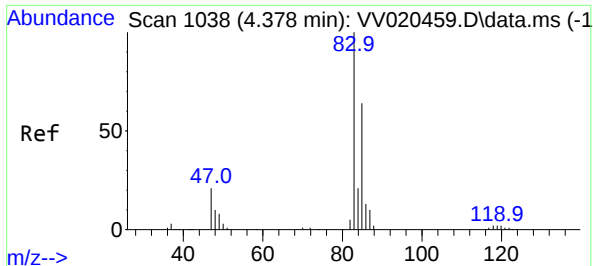
Tgt Ion: 43 Resp: 221747
Ion Ratio Lower Upper
43 100
72 28.9 12.2 36.6



#23
Bromochloromethane
Concen: 55.04 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion:128 Resp: 104530
Ion Ratio Lower Upper
128 100
49 127.7 133.1 247.1#
130 127.9 89.0 165.4
51 42.2 49.3 73.9#



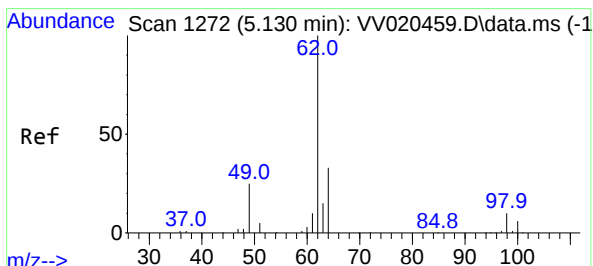
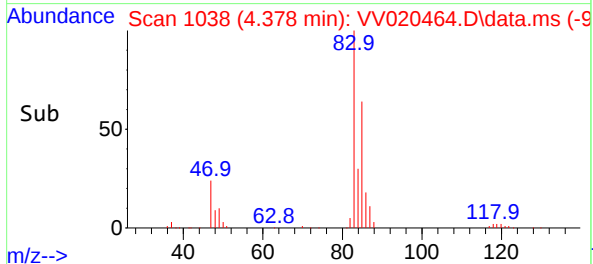
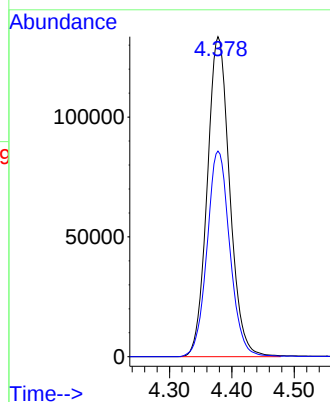
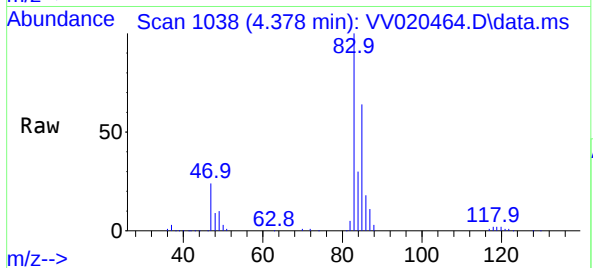


#25

Chloroform
Concen: 53.78 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

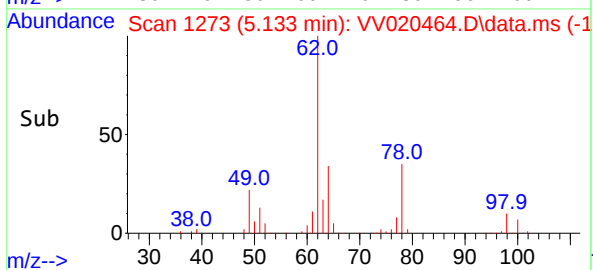
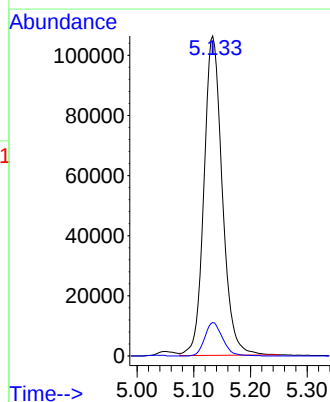
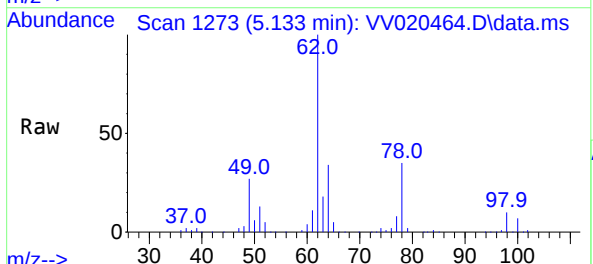
Tgt Ion: 83 Resp: 334066
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.2

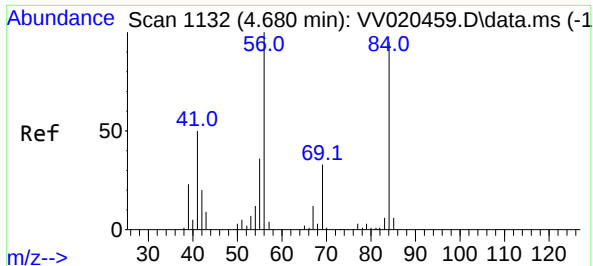


#27

1,2-Dichloroethane
Concen: 48.59 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 62 Resp: 238998
Ion Ratio Lower Upper
62 100
98 10.5 6.9 10.3#





#29

Cyclohexane

Concen: 45.85 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV020464.D

Acq: 04 Mar 2021 12:35

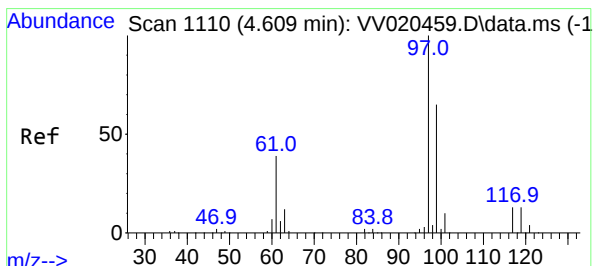
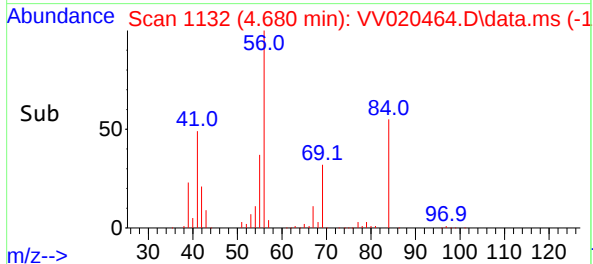
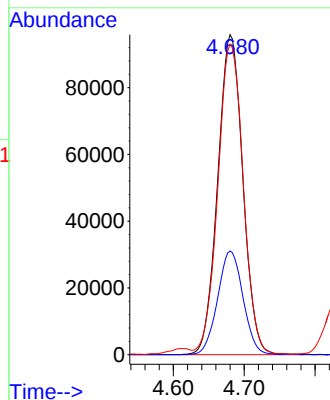
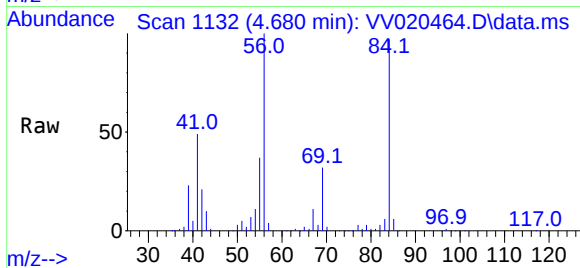
Tgt Ion: 56 Resp: 235975

Ion Ratio Lower Upper

56 100

69 32.7 24.2 36.2

84 97.9 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 51.21 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV020464.D

Acq: 04 Mar 2021 12:35

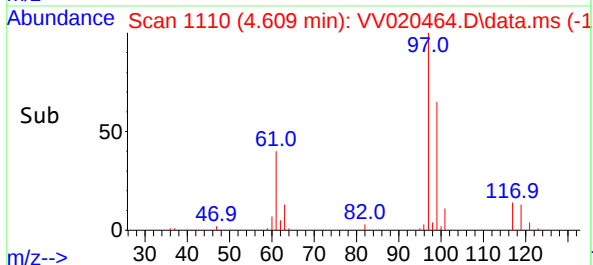
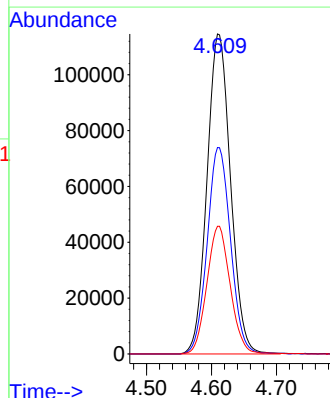
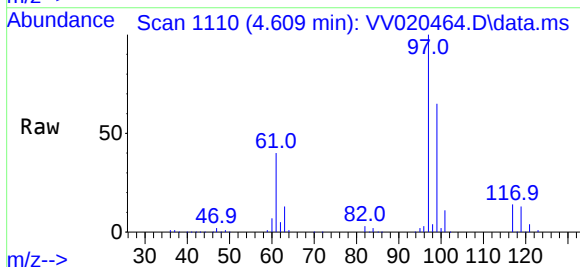
Tgt Ion: 97 Resp: 288663

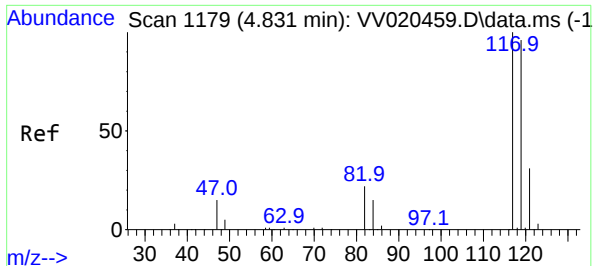
Ion Ratio Lower Upper

97 100

99 64.2 51.2 76.8

61 39.5 38.5 57.7

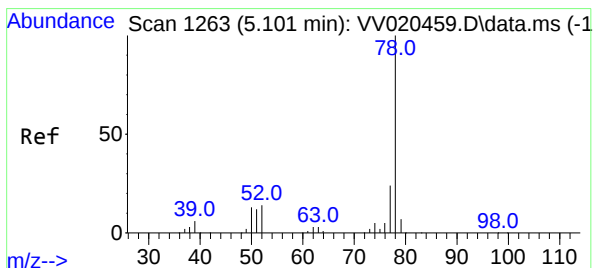
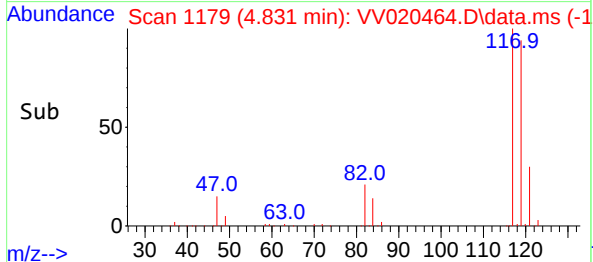
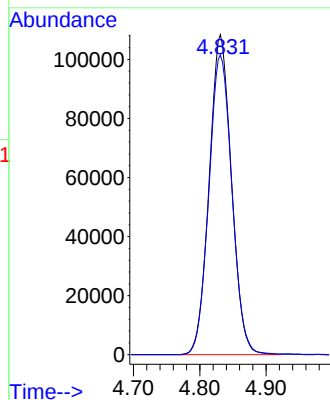
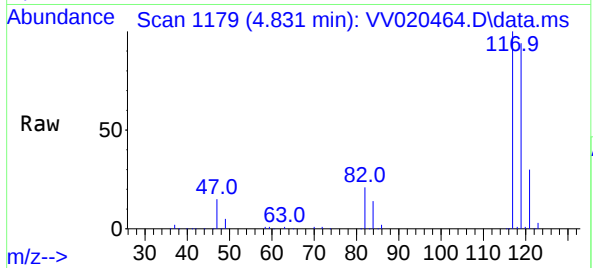




#31
Carbon tetrachloride
Concen: 51.70 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

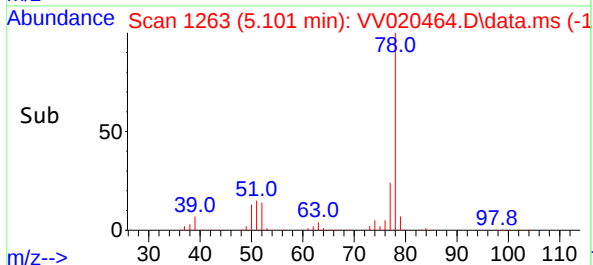
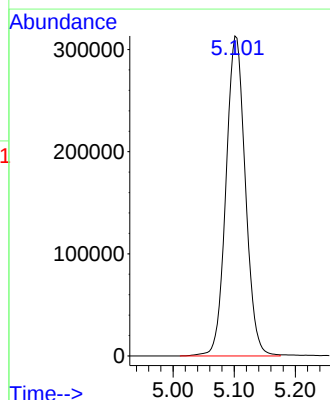
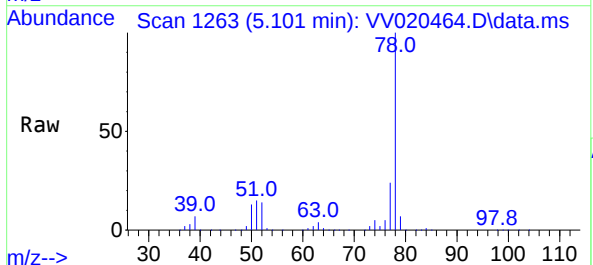
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

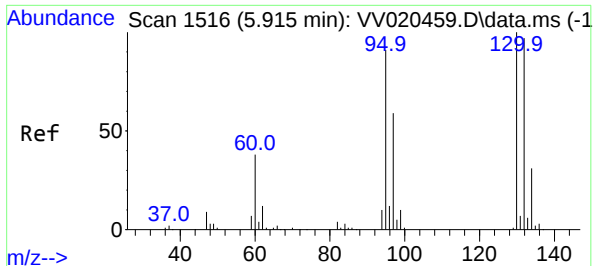
Tgt Ion:117 Resp: 253443
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5



#33
Benzene
Concen: 50.77 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 78 Resp: 689149





#34

Trichloroethene

Concen: 53.38 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV020464.D

Acq: 04 Mar 2021 12:35

Tgt Ion: 95 Resp: 199087

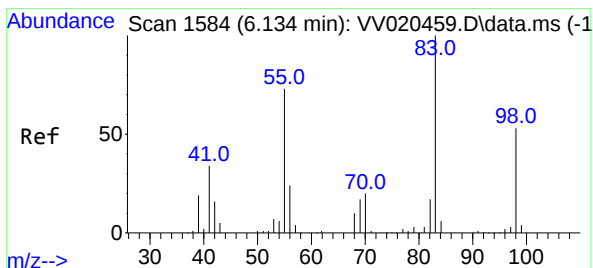
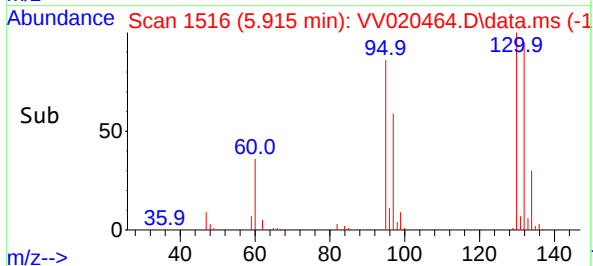
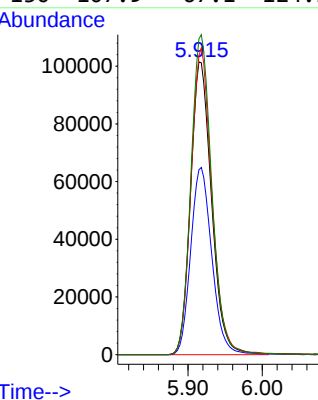
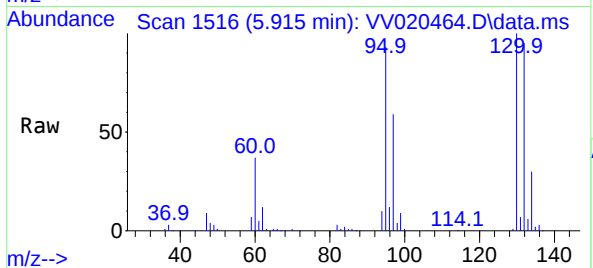
Ion Ratio Lower Upper

95 100

97 63.2 44.5 82.7

132 102.1 63.4 117.8

130 107.9 67.1 124.5



#35

Methylcyclohexane

Concen: 48.95 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV020464.D

Acq: 04 Mar 2021 12:35

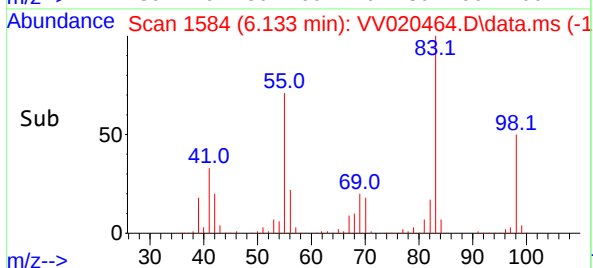
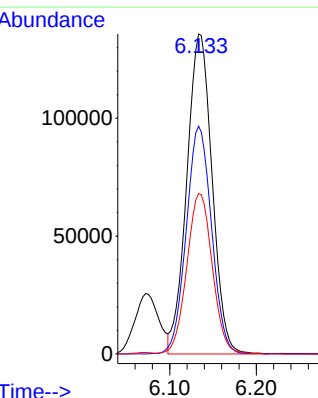
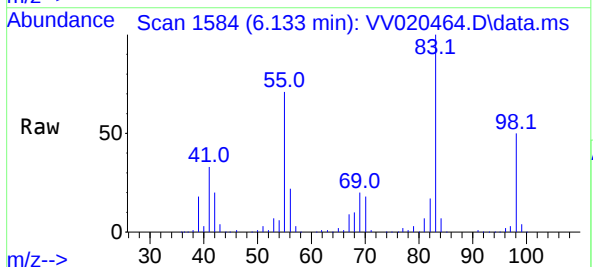
Tgt Ion: 83 Resp: 276420

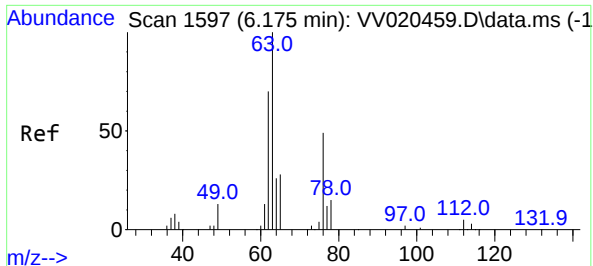
Ion Ratio Lower Upper

83 100

55 71.1 65.1 97.7

98 50.5 38.2 57.2

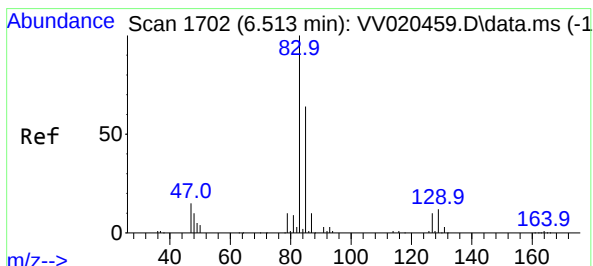
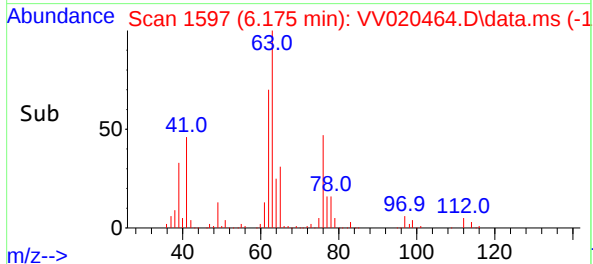
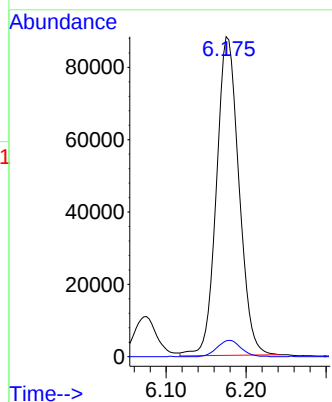
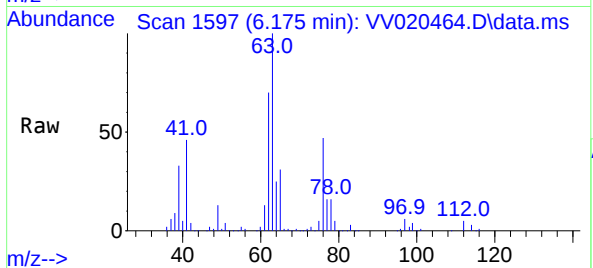




#37
1,2-Dichloropropane
Concen: 50.07 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

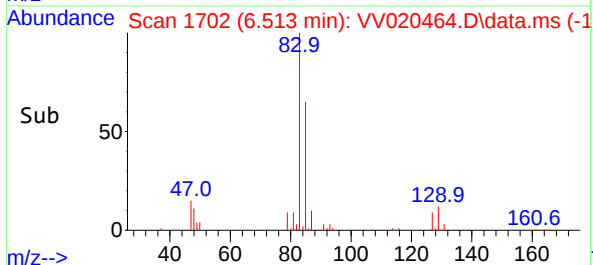
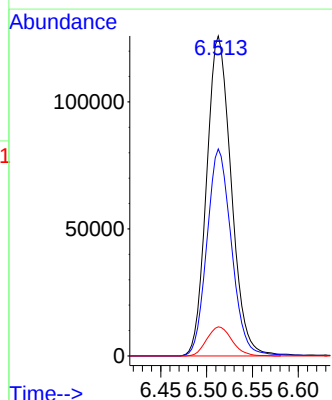
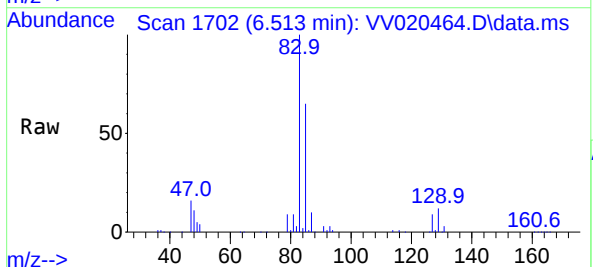
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

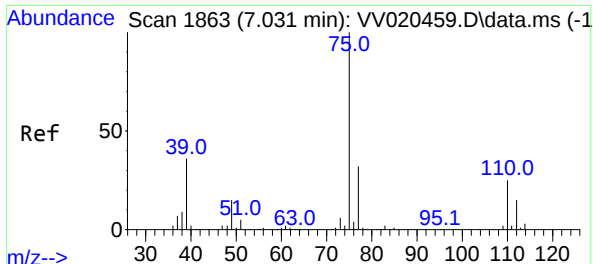
Tgt Ion: 63 Resp: 172150
Ion Ratio Lower Upper
63 100
112 5.4 3.3 4.9#



#38
Bromodichloromethane
Concen: 49.80 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 83 Resp: 235347
Ion Ratio Lower Upper
83 100
85 64.7 44.5 82.7
127 9.1 6.3 9.5

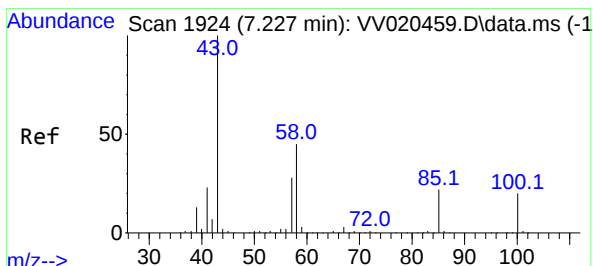
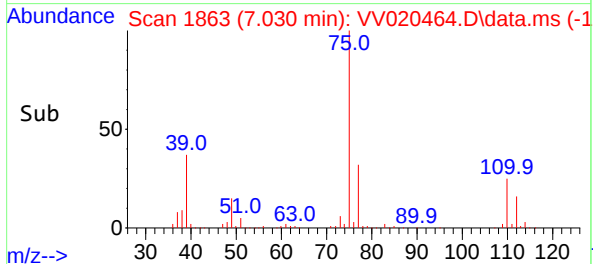
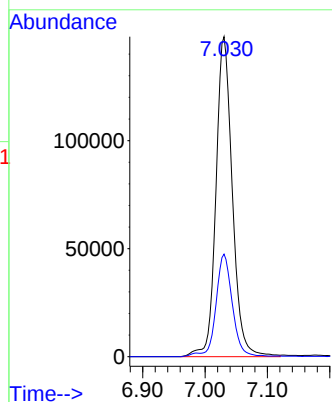
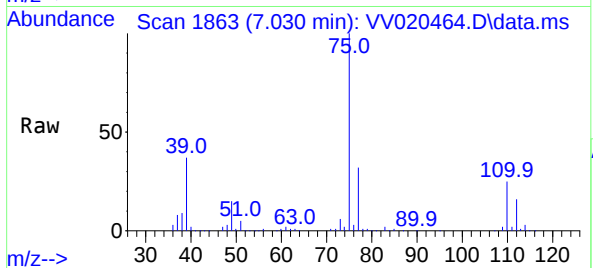




#39
cis-1,3-Dichloropropene
Concen: 49.71 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

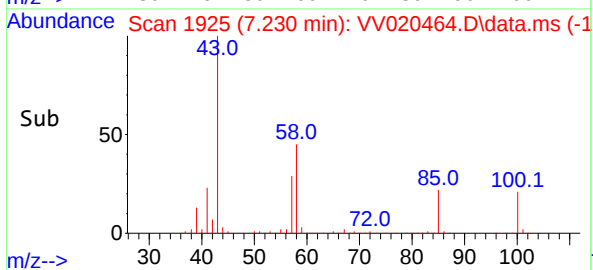
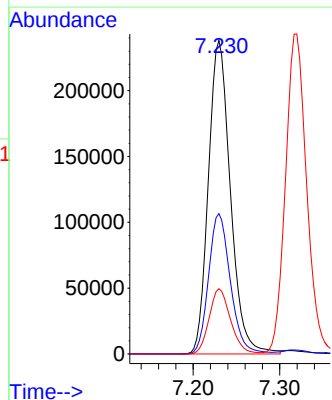
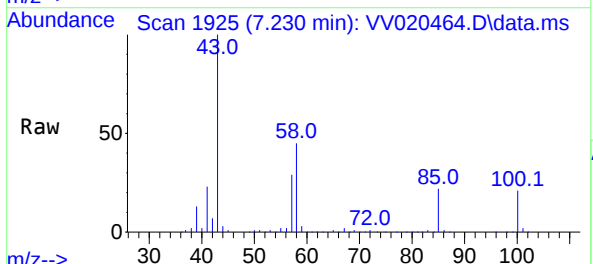
Instrument :
MSVOA_V
ClientSampled :
VSTD05072

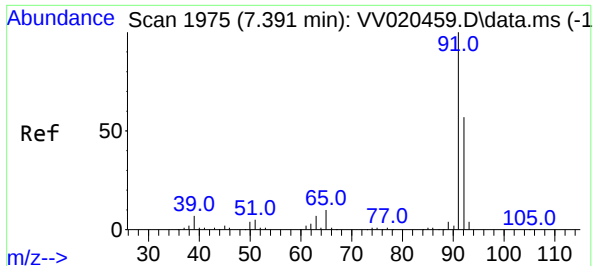
Tgt Ion: 75 Resp: 270630
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 97.24 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 43 Resp: 421533
Ion Ratio Lower Upper
43 100
58 44.3 30.7 46.1
100 20.2 11.6 17.4#





#42

Toluene

Concen: 52.10 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV020464.D

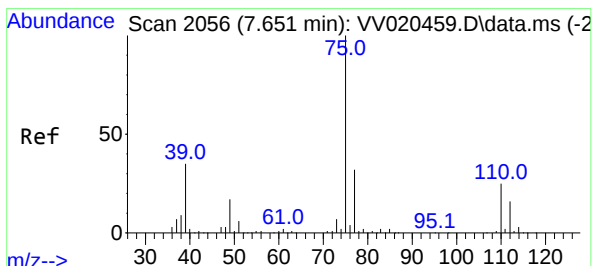
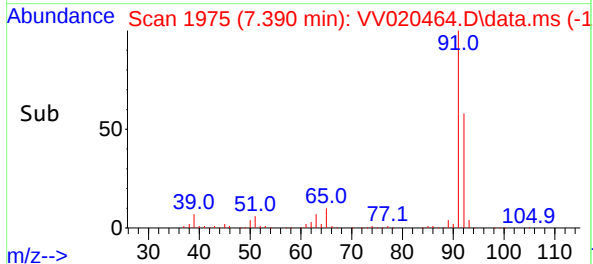
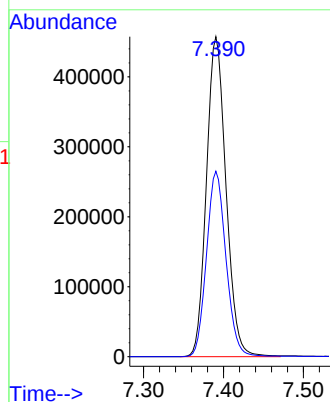
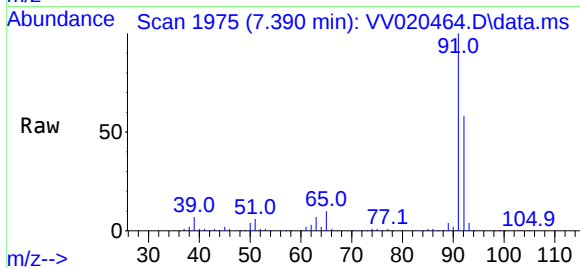
Acq: 04 Mar 2021 12:35

Tgt Ion: 91 Resp: 777856

Ion Ratio Lower Upper

91 100

92 58.0 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 49.89 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV020464.D

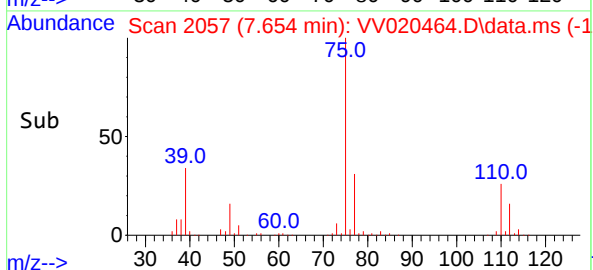
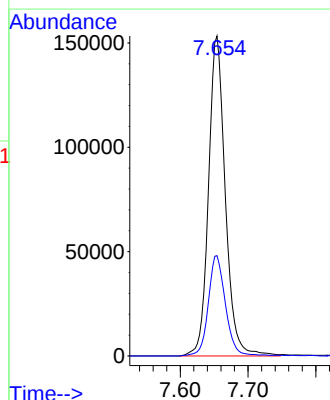
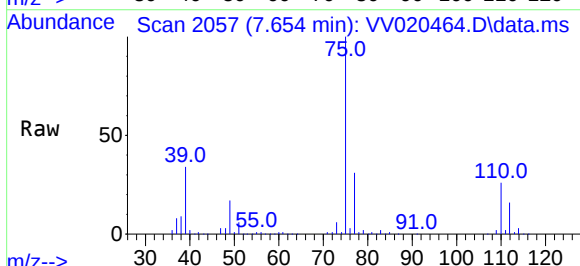
Acq: 04 Mar 2021 12:35

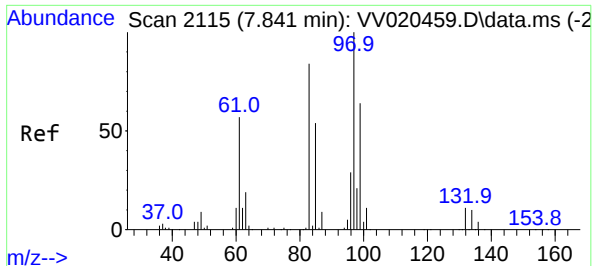
Tgt Ion: 75 Resp: 264156

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0



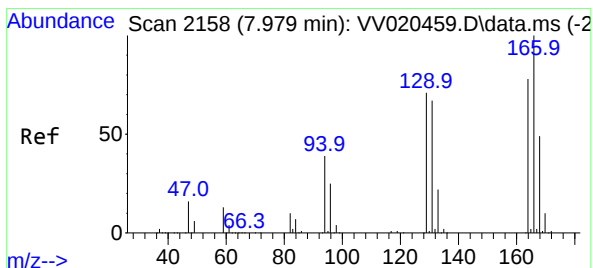
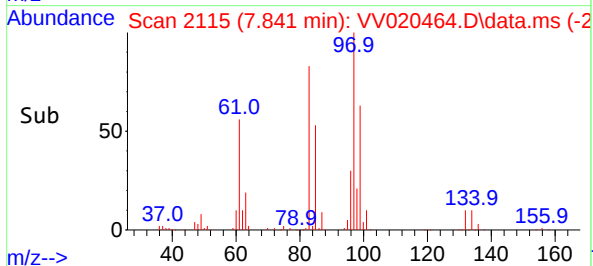
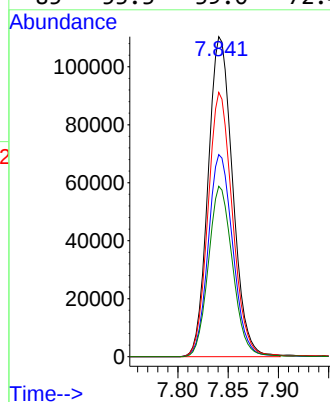
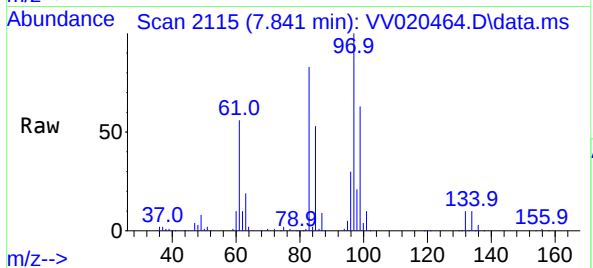


#45
1,1,2-Trichloroethane
Concen: 53.01 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

Tgt Ion: 97 Resp: 187560

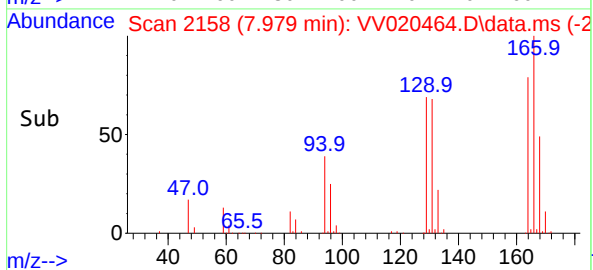
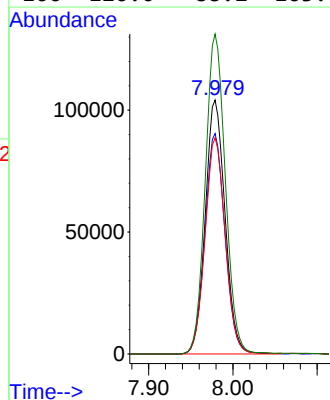
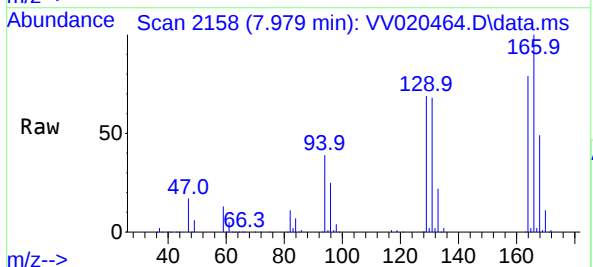
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.3
83	82.6	62.2	115.4
85	53.3	39.0	72.4

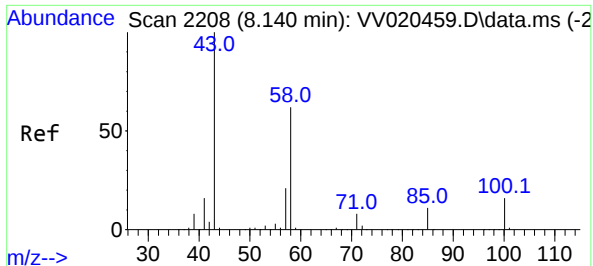


#46
Tetrachloroethene
Concen: 56.11 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 164 Resp: 171006

Ion	Ratio	Lower	Upper
164	100		
129	86.8	70.6	131.0
131	85.1	66.8	124.0
166	126.0	88.2	163.8

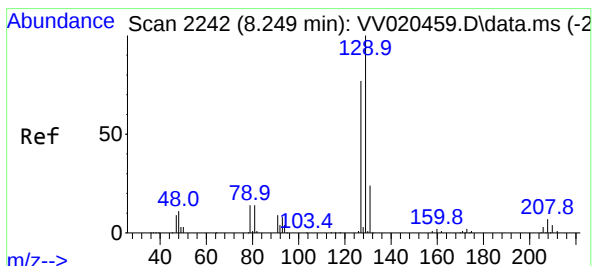
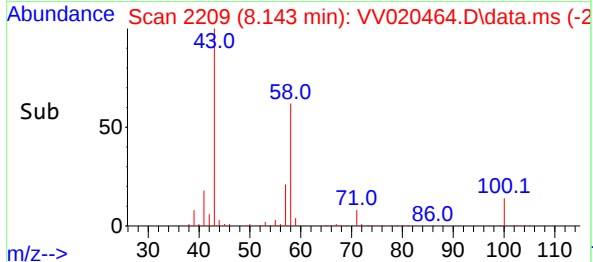
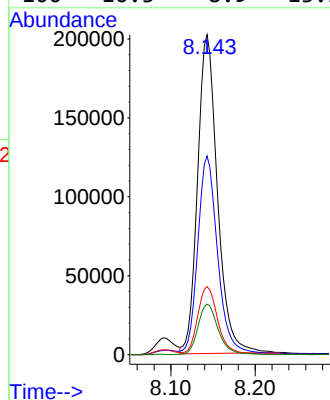
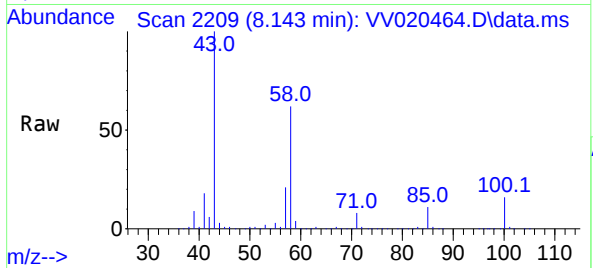




#48
2-Hexanone
Concen: 100.21 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

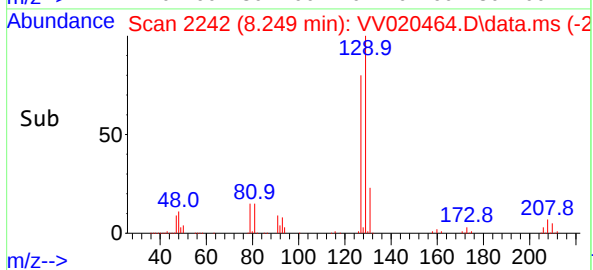
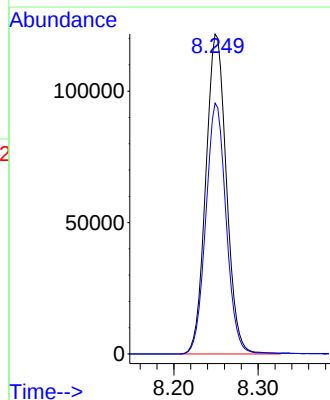
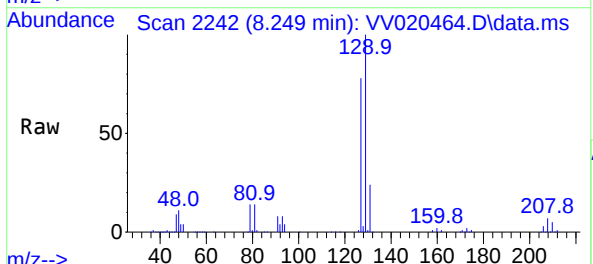
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

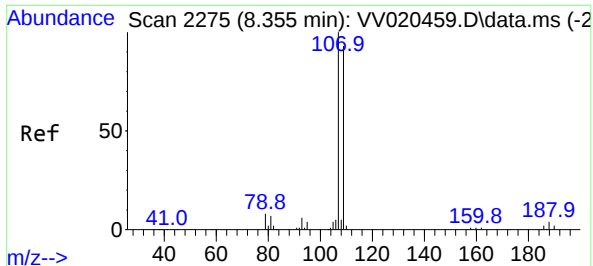
Tgt Ion: 43 Resp: 332331
Ion Ratio Lower Upper
43 100
58 61.6 41.8 62.6
57 21.4 15.0 22.4
100 16.3 8.9 13.3#



#49
Dibromochloromethane
Concen: 53.08 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 129 Resp: 207223
Ion Ratio Lower Upper
129 100
127 78.4 55.2 102.6





#50

1,2-Dibromoethane

Concen: 52.55 ug/L

RT: 8.355 min Scan# 2275

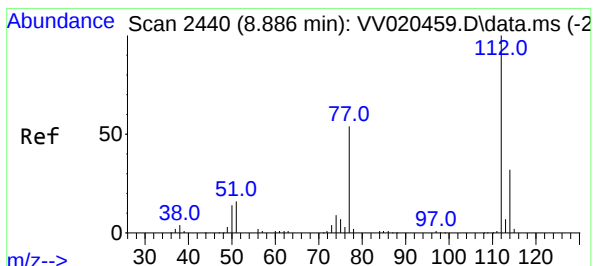
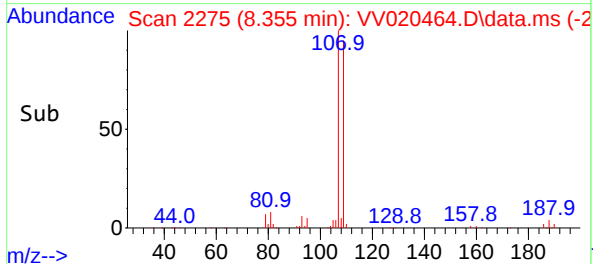
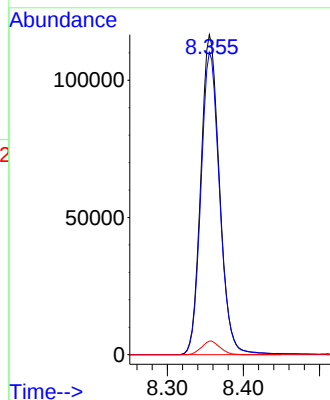
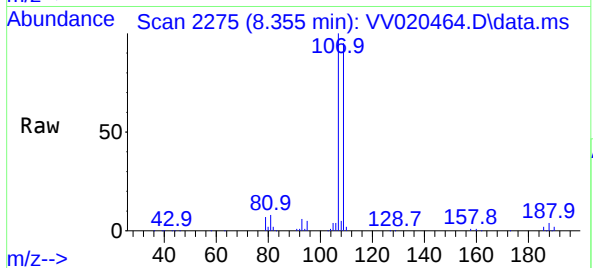
Delta R.T. -0.000 min

Lab File: VV020464.D

Acq: 04 Mar 2021 12:35

Tgt Ion:	107	Resp:	199192
Ion	Ratio	Lower	Upper
107	100		
109	94.5	66.2	123.0
188	4.2	2.6	3.8#

Instrument :
MSVOA_V
ClientSampleId :
VSTD05072



#51

Chlorobenzene

Concen: 52.55 ug/L

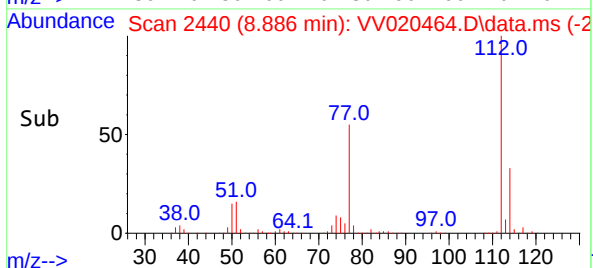
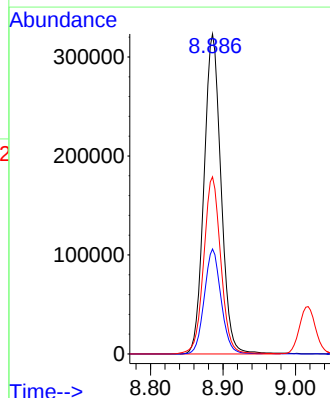
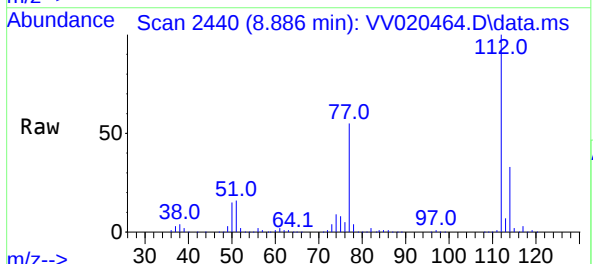
RT: 8.886 min Scan# 2440

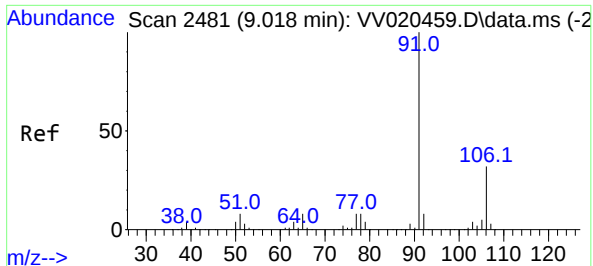
Delta R.T. 0.003 min

Lab File: VV020464.D

Acq: 04 Mar 2021 12:35

Tgt Ion:	112	Resp:	526314
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.2	41.2
77	55.3	49.0	73.6

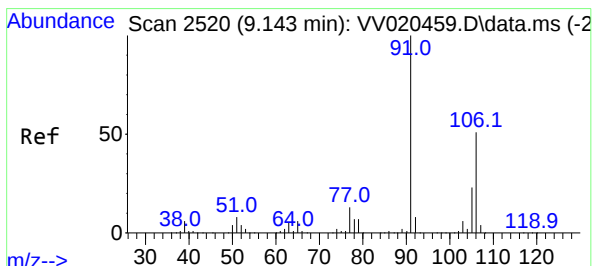
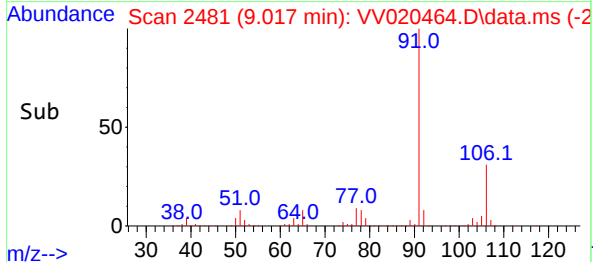
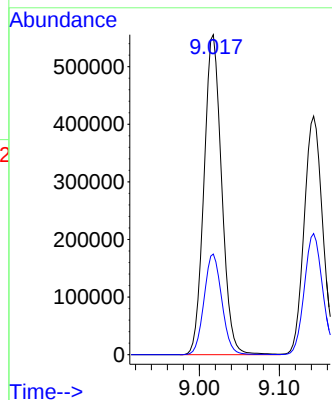
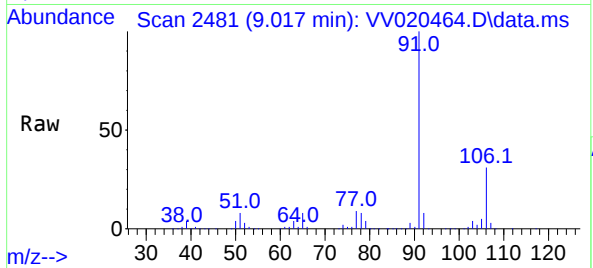




#52
Ethylbenzene
Concen: 51.86 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

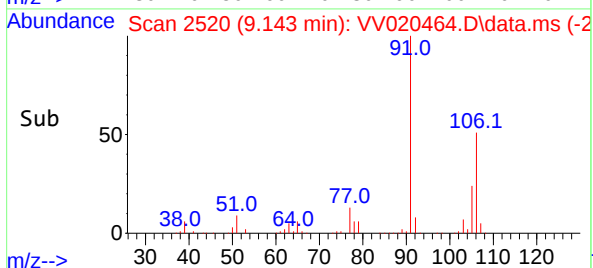
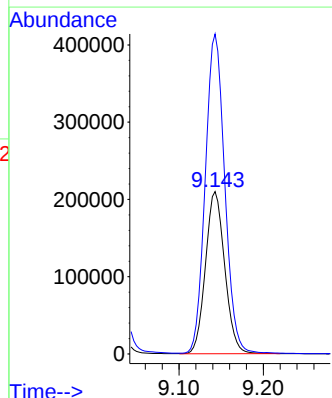
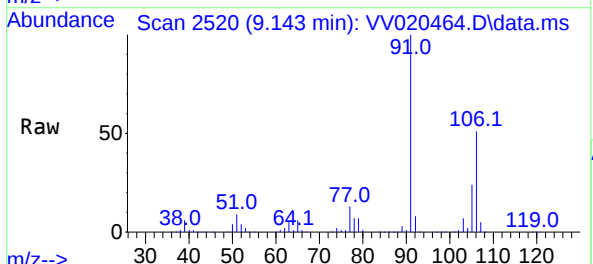
Instrument :
MSVOA_V
ClientSampled :
VSTD05072

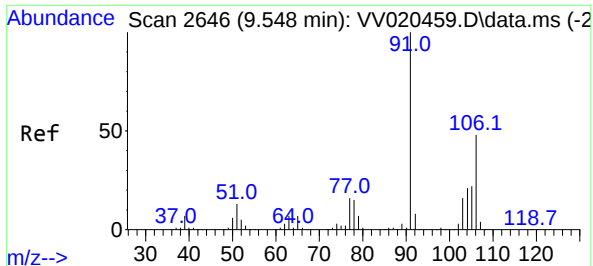
Tgt Ion: 91 Resp: 855066
Ion Ratio Lower Upper
91 100
106 31.4 21.0 39.0



#53
m,p-Xylene
Concen: 53.20 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 106 Resp: 334008
Ion Ratio Lower Upper
106 100
91 197.0 148.1 275.0

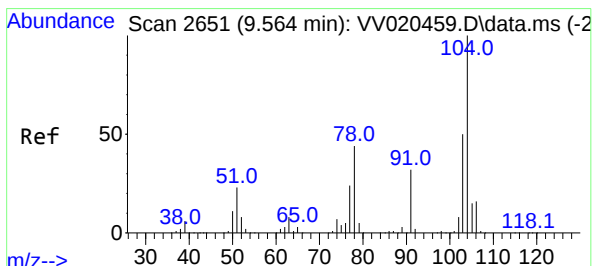
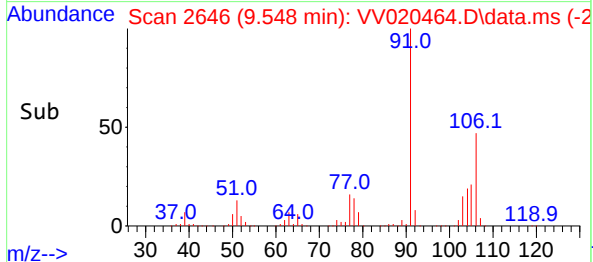
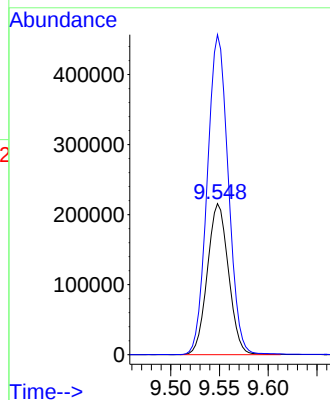
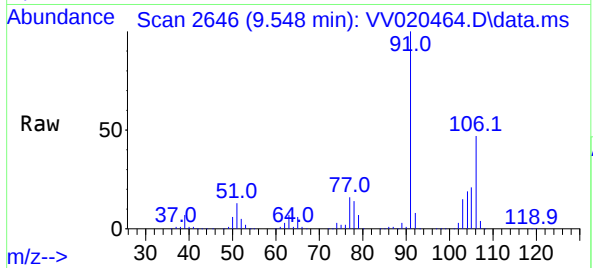




#54
o-xylene
Concen: 53.24 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

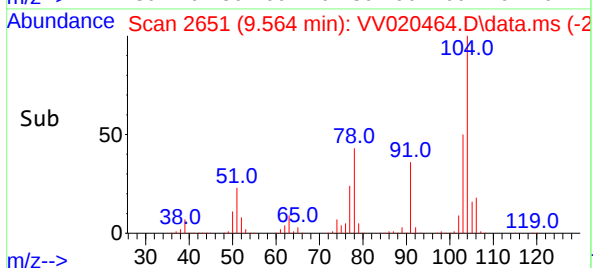
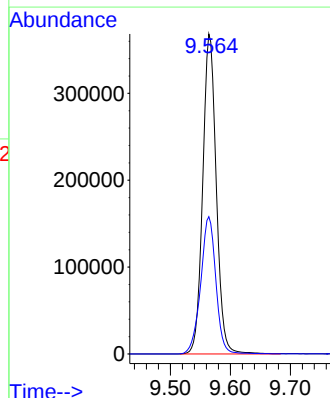
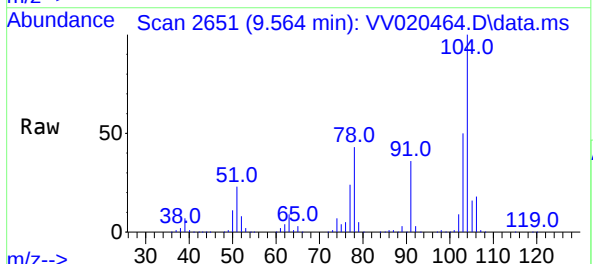
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

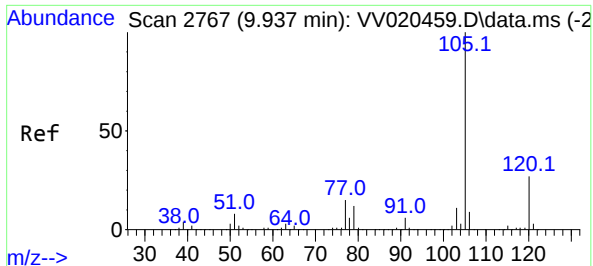
Tgt Ion:106 Resp: 325386
Ion Ratio Lower Upper
106 100
91 211.8 156.4 290.6



#55
Styrene
Concen: 55.23 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion:104 Resp: 580954
Ion Ratio Lower Upper
104 100
78 42.9 33.7 62.5

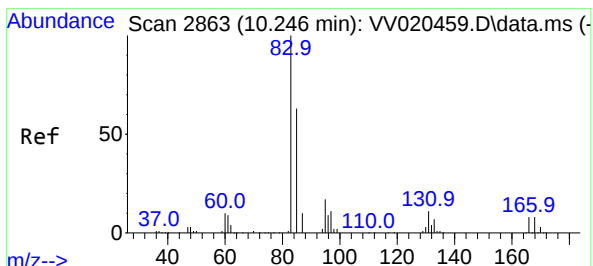
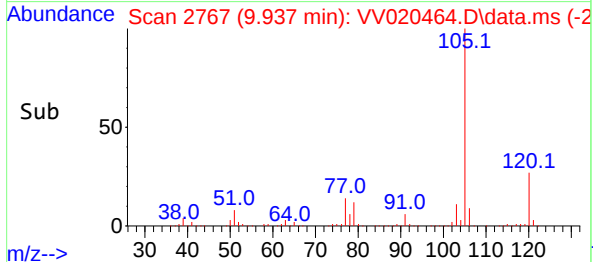
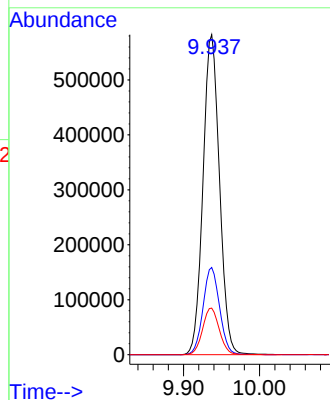
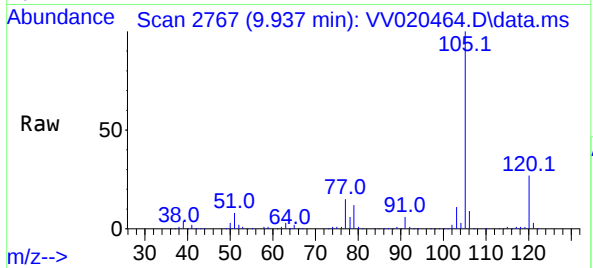




#56
Isopropylbenzene
Concen: 53.50 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

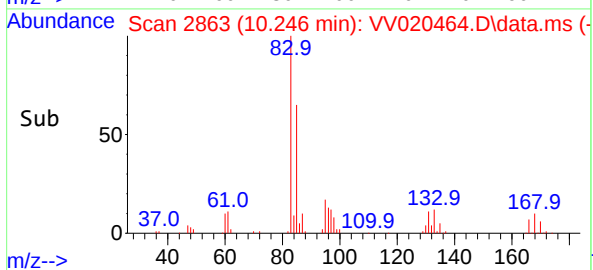
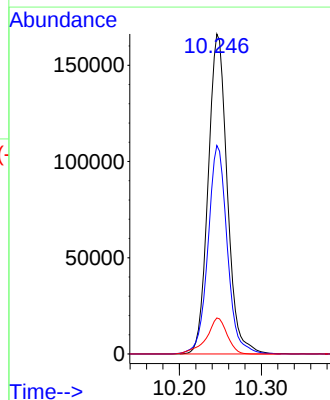
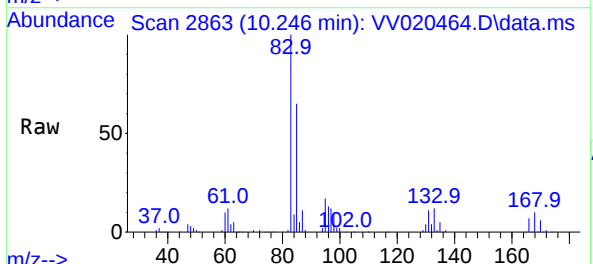
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

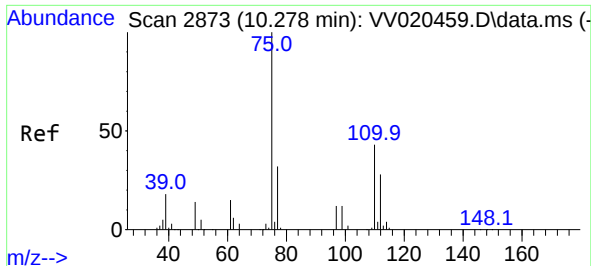
Tgt Ion:105 Resp: 877487
Ion Ratio Lower Upper
105 100
120 27.3 20.5 30.7
77 14.8 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 48.16 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion: 83 Resp: 268474
Ion Ratio Lower Upper
83 100
85 65.2 44.3 82.3
131 11.2 7.3 10.9#

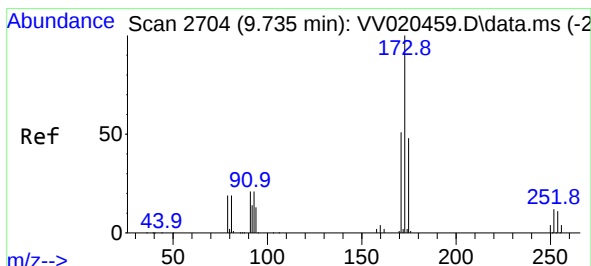
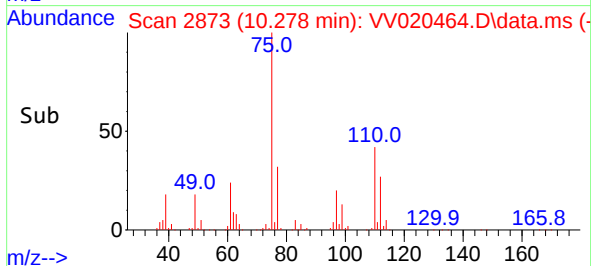
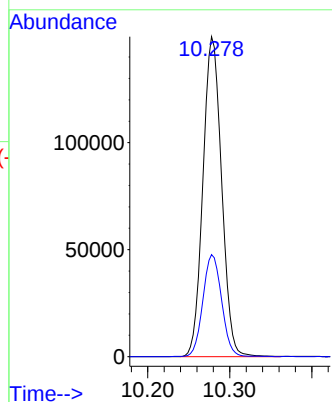
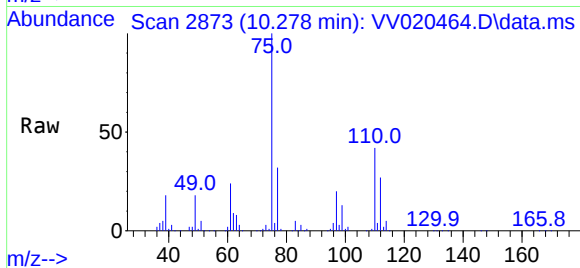




#59
1,2,3-Trichloropropane
Concen: 51.23 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

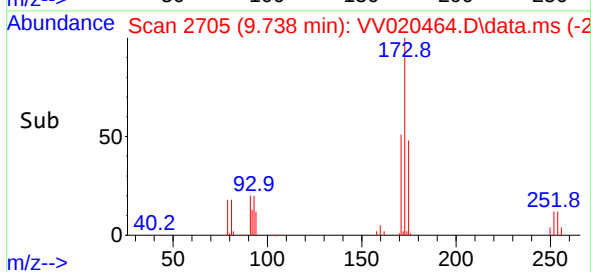
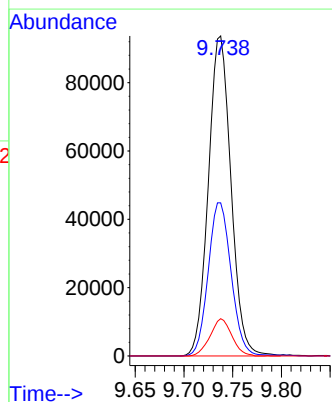
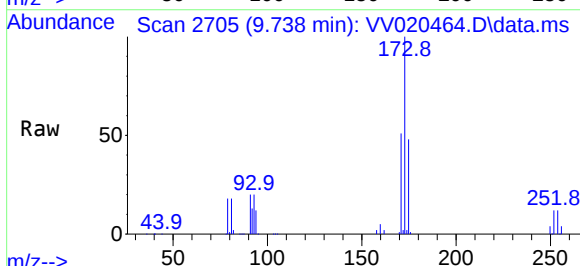
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

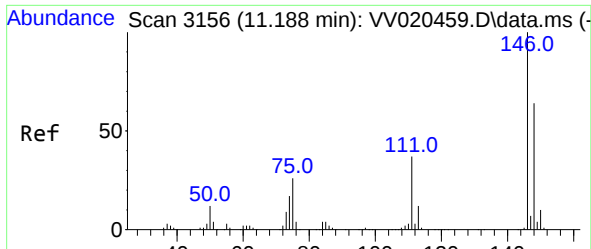
Tgt Ion: 75 Resp: 236166
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#61
Bromoform
Concen: 49.33 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion:173 Resp: 151445
Ion Ratio Lower Upper
173 100
175 48.5 38.6 57.8
254 11.2 6.5 9.7#

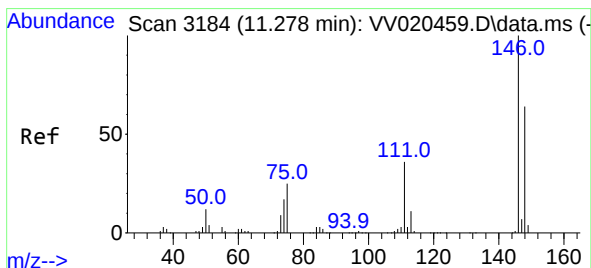
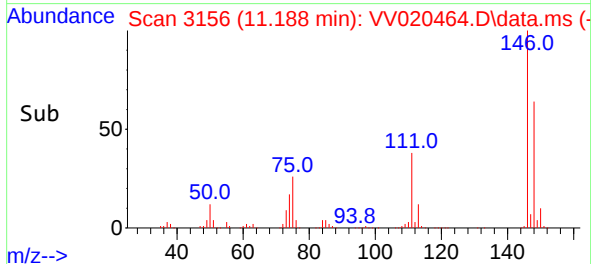
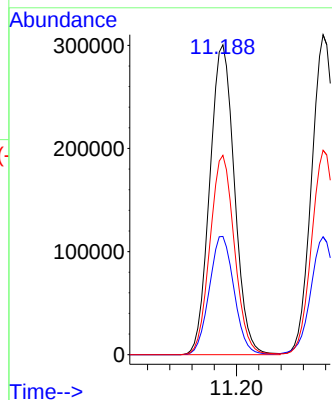
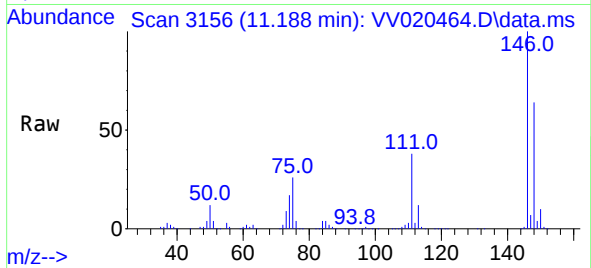




#62
1,3-Dichlorobenzene
Concen: 51.96 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

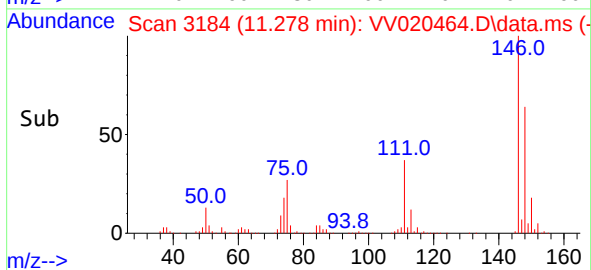
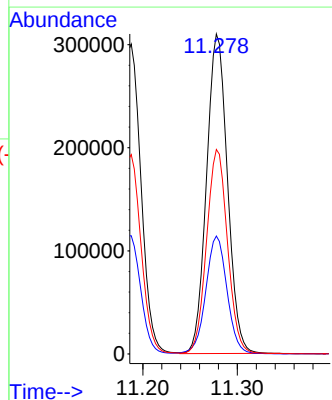
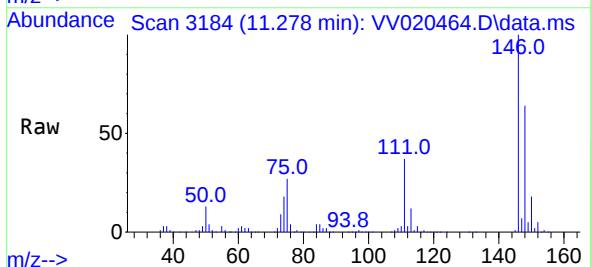
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

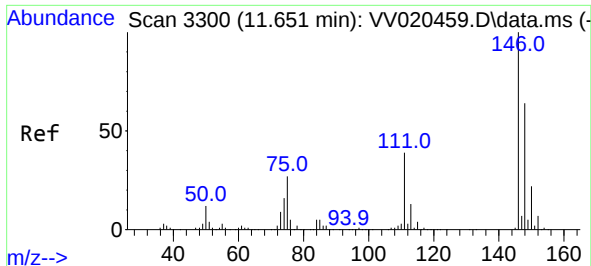
Tgt Ion:146 Resp: 463722
Ion Ratio Lower Upper
146 100
111 38.2 30.2 56.2
148 64.3 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 52.10 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion:146 Resp: 476782
Ion Ratio Lower Upper
146 100
111 36.9 29.4 54.6
148 63.9 44.7 83.1

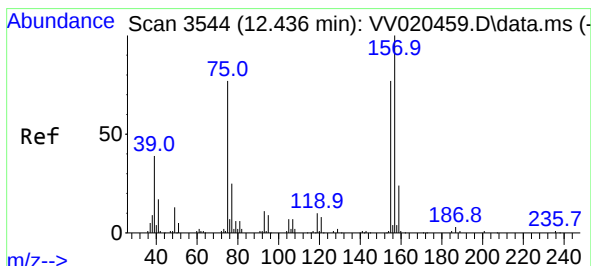
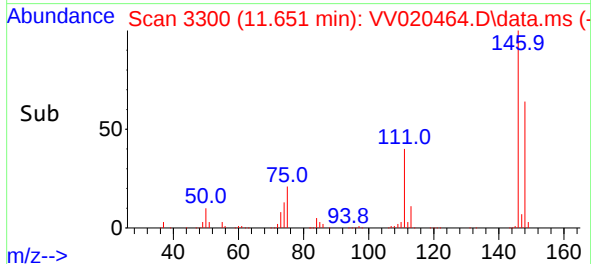
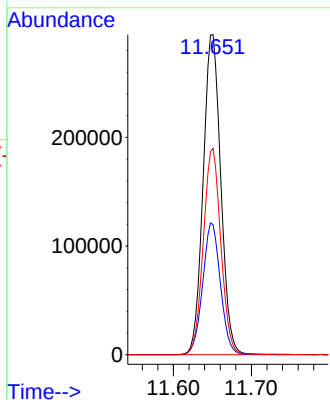
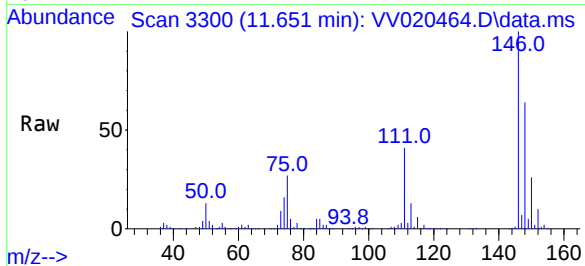




#65
1,2-Dichlorobenzene
Concen: 52.15 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

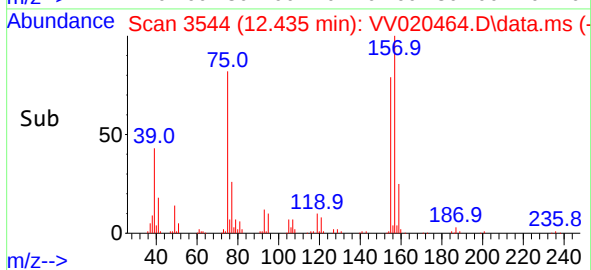
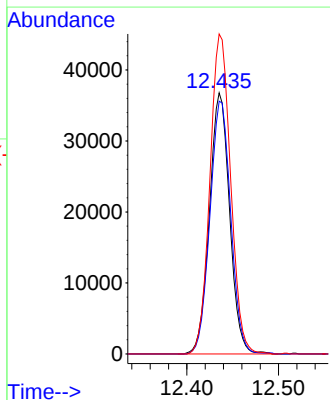
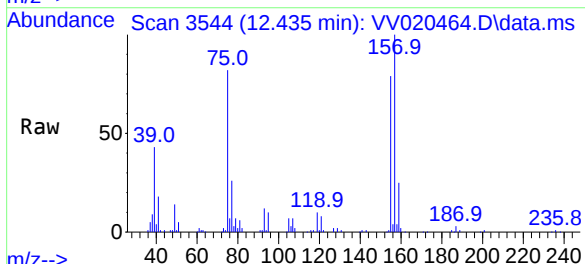
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

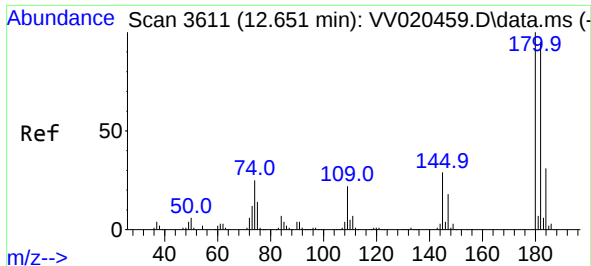
Tgt Ion:146 Resp: 464653
Ion Ratio Lower Upper
146 100
111 40.7 36.3 54.5
148 64.5 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 41.12 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

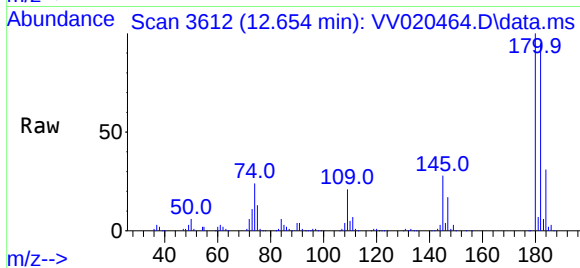
Tgt Ion: 75 Resp: 56205
Ion Ratio Lower Upper
75 100
155 96.8 59.1 88.7#
157 122.6 75.4 113.0#



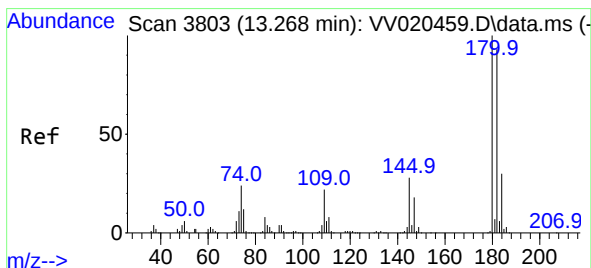
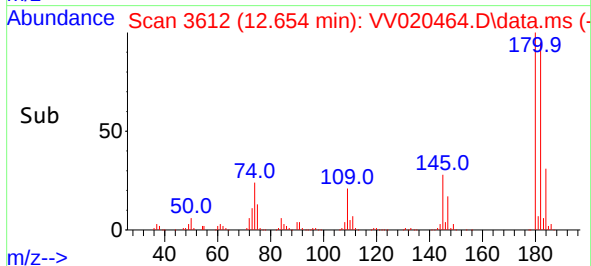
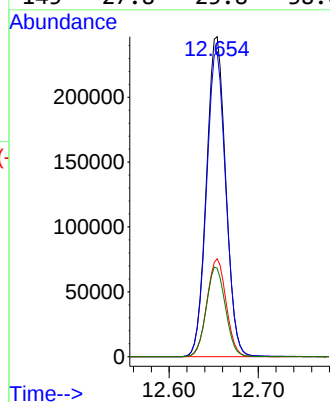


#67
1,3,5-Trichlorobenzene
Concen: 53.23 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

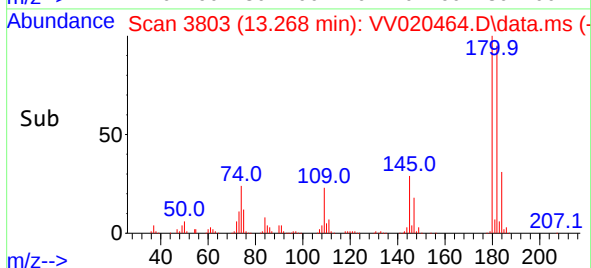
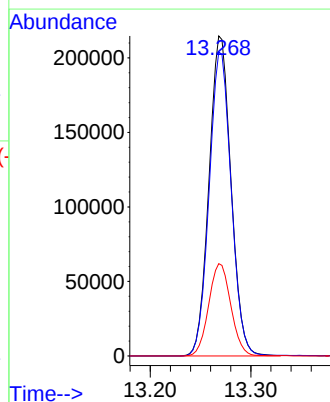
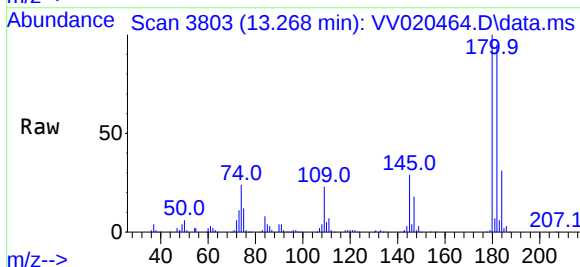


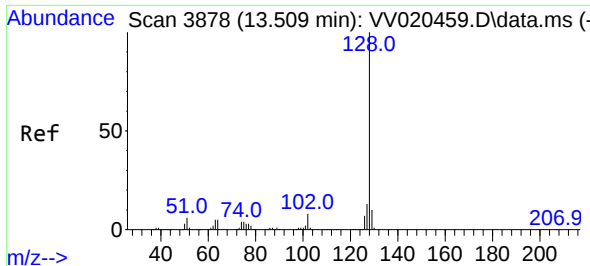
Tgt Ion:180 Resp: 370963
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.6
184 30.5 24.0 36.0
145 27.8 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 52.66 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion:180 Resp: 325627
Ion Ratio Lower Upper
180 100
182 95.3 75.1 112.7
145 29.1 26.8 40.2



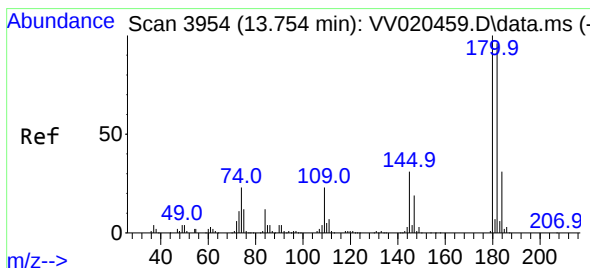
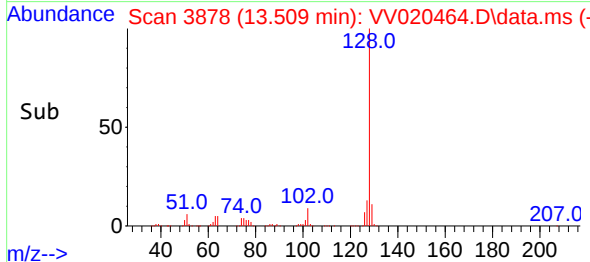
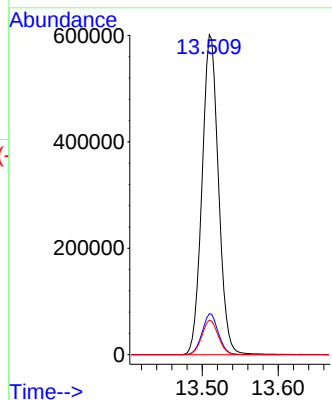
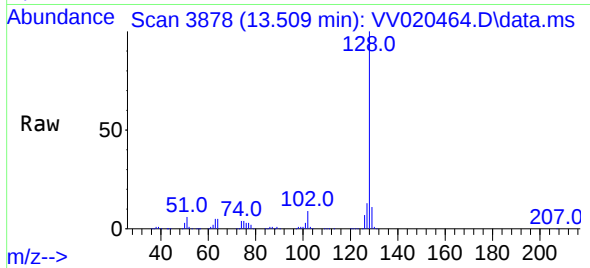


#69
Naphthalene
Concen: 51.03 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

Tgt Ion:128 Resp: 903693

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.6	13.0



#70
1,2,3-Trichlorobenzene
Concen: 53.67 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020464.D
Acq: 04 Mar 2021 12:35

Tgt Ion:180 Resp: 330442

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.1	114.1
145	30.3	27.9	41.9

