

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020071.D
 Acq On : 20 Jan 2021 12:24
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 20 13:48:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 13:47:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	342491	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	328628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	184509	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	10678	3.91	ug/L	0.00
7) Chloroethane-d5	1.569	69	8275	3.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.113	63	20662	3.80	ug/L	0.00
21) 2-Butanone-d5	3.920	46	8856	4.90	ug/L	0.02
24) Chloroform-d	4.357	84	23067	4.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.045	65	15339	4.40	ug/L	0.00
32) Benzene-d6	5.058	84	41519	4.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	12156	4.30	ug/L	0.00
41) Toluene-d8	7.322	98	38267	4.59	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.633	79	6270	4.22	ug/L	0.00
47) 2-Hexanone-d5	8.103	63	7813	6.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.225	84	15313	3.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	17899	5.01	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	14980	4.65	ug/L	98
3) Chloromethane	1.241	50	10084	3.42	ug/L	96
5) Vinyl chloride	1.312	62	11589	3.83	ug/L	97
6) Bromomethane	1.524	94	8154	4.24	ug/L	99
8) Chloroethane	1.585	64	7010	3.79	ug/L	96
9) Trichlorofluoromethane	1.756	101	19184	4.33	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	10107	4.17	ug/L #	88
12) 1,1-Dichloroethene	2.119	96	9162	3.94	ug/L	91
13) Acetone	2.193	43	15999	10.11	ug/L	94
14) Carbon disulfide	2.296	76	30485	4.35	ug/L	100
15) Methyl Acetate	2.447	43	10024	3.74	ug/L	96
16) Methylene chloride	2.511	84	11984	4.76	ug/L	81
17) trans-1,2-Dichloroethene	2.765	96	11317	4.71	ug/L	92
18) Methyl tert-butyl Ether	2.772	73	34011	4.37	ug/L	96
19) 1,1-Dichloroethane	3.196	63	20198	4.47	ug/L	98
20) cis-1,2-Dichloroethene	3.923	96	11240	4.37	ug/L	81
22) 2-Butanone	4.000	43	14500	7.55	ug/L #	71
23) Bromochloromethane	4.251	128	2909	2.14	ug/L #	74
25) Chloroform	4.383	83	21290	4.44	ug/L	92
27) 1,2-Dichloroethane	5.145	62	17137	4.30	ug/L	98
29) Cyclohexane	4.682	56	15647	4.13	ug/L	86
30) 1,1,1-Trichloroethane	4.617	97	19611	4.57	ug/L	96
31) Carbon tetrachloride	4.833	117	17294	4.71	ug/L	100
33) Benzene	5.109	78	42010	4.48	ug/L	100
34) Trichloroethene	5.923	95	14036	5.15	ug/L	96
35) Methylcyclohexane	6.138	83	17964	4.64	ug/L	93
37) 1,2-Dichloropropane	6.183	63	10661	4.44	ug/L	98
38) Bromodichloromethane	6.518	83	15021	4.29	ug/L #	92
39) cis-1,3-Dichloropropene	7.039	75	15924	4.17	ug/L	98
40) 4-Methyl-2-pentanone	7.235	43	27685	7.66	ug/L #	97
42) Toluene	7.395	91	46450	4.62	ug/L	99
44) trans-1,3-Dichloropropene	7.659	75	15006	3.87	ug/L	99

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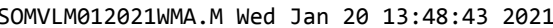
Instrument :
 MSVOA_V
 ClientSampleId :

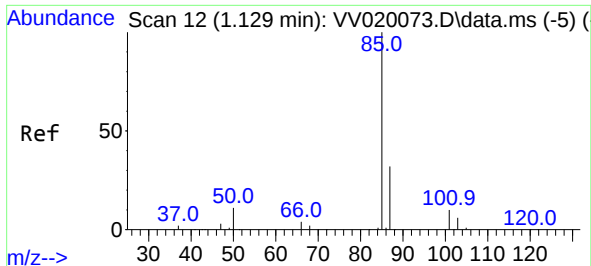
Quant Time: Jan 20 13:48:31 2021
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 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 13:47:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.846	97	11366	4.71	ug/L	92
46) Tetrachloroethene	7.981	164	10422	5.22	ug/L	98
48) 2-Hexanone	8.148	43	20937	7.33	ug/L #	87
49) Dibromochloromethane	8.251	129	12182	4.53	ug/L	98
50) 1,2-Dibromoethane	8.363	107	12452	4.80	ug/L #	91
51) Chlorobenzene	8.887	112	32841	4.88	ug/L	92
52) Ethylbenzene	9.019	91	52972	4.62	ug/L	100
53) m,p-Xylene	9.145	106	20137	4.76	ug/L	87
54) o-xylene	9.550	106	19699	4.76	ug/L	94
55) Styrene	9.569	104	32315	4.51	ug/L	94
56) Isopropylbenzene	9.939	105	51482	4.59	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.247	83	14971	4.01	ug/L #	96
59) 1,2,3-Trichloropropane	10.283	75	14287	4.31	ug/L	96
61) Bromoform	9.739	173	8440	4.47	ug/L	100
62) 1,3-Dichlorobenzene	11.190	146	27130	4.90	ug/L	95
63) 1,4-Dichlorobenzene	11.280	146	29205	5.14	ug/L	94
65) 1,2-Dichlorobenzene	11.653	146	27252	4.89	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	3194	3.41	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.656	180	20968	4.99	ug/L	97
68) 1,2,4-trichlorobenzene	13.273	180	18053	4.84	ug/L	95
69) Naphthalene	13.514	128	39716	3.76	ug/L	99
70) 1,2,3-Trichlorobenzene	13.755	180	15816	4.38	ug/L	91

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

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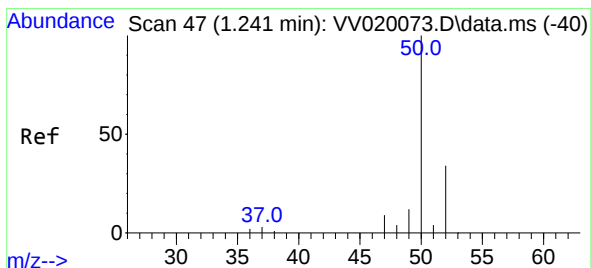
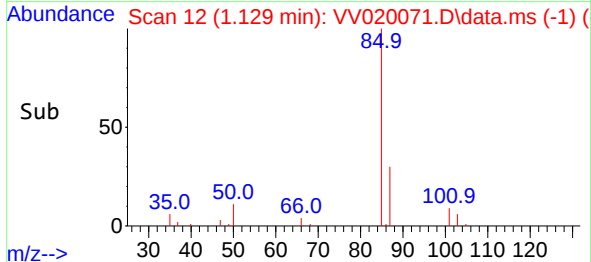
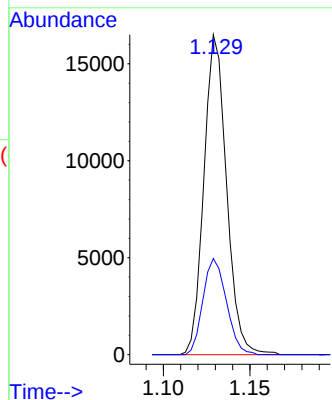
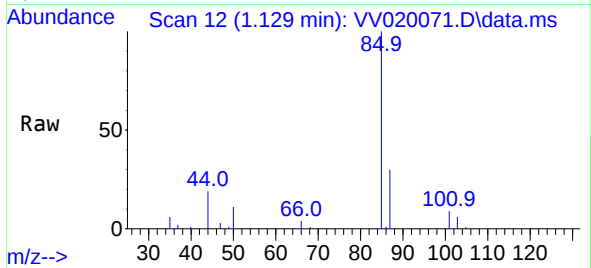




#2
Dichlorodifluoromethane
Concen: 4.65 ug/L
RT: 1.129 min Scan# 12
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

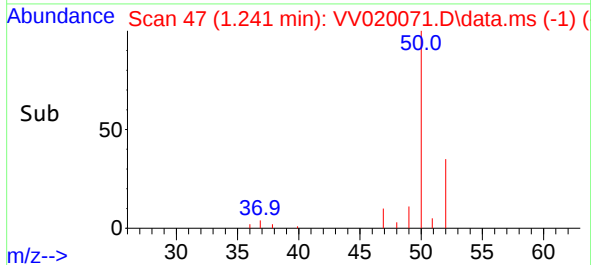
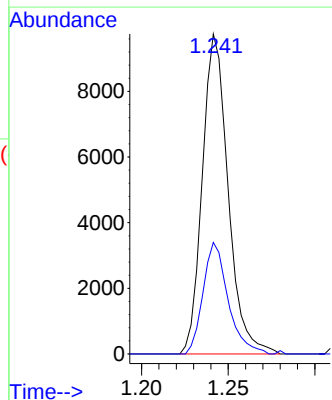
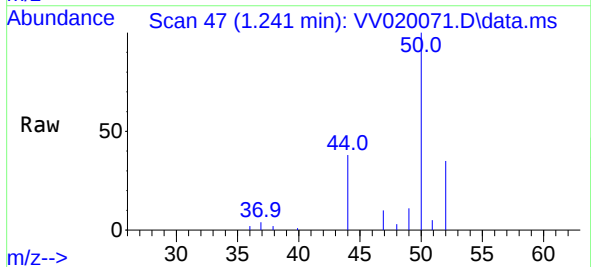
Instrument :
MSVOA_V
ClientSampleId :

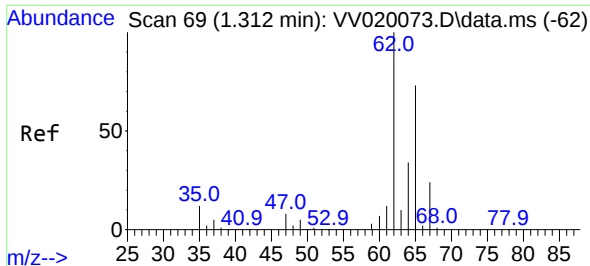
Tgt Ion: 85 Resp: 14980
Ion Ratio Lower Upper
85 100
87 31.1 25.9 38.9



#3
Chloromethane
Concen: 3.42 ug/L
RT: 1.241 min Scan# 47
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 50 Resp: 10084
Ion Ratio Lower Upper
50 100
52 34.8 22.7 42.1

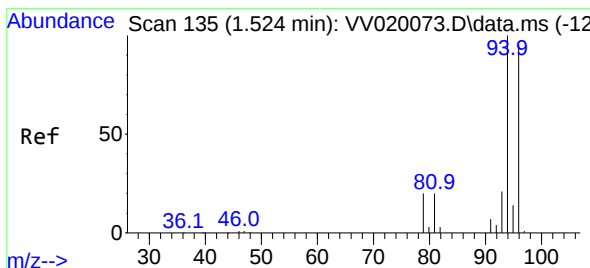
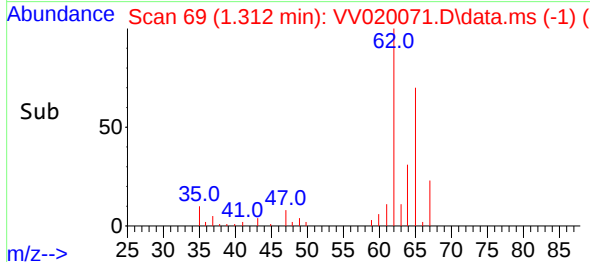
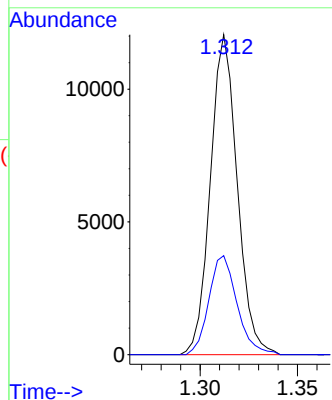
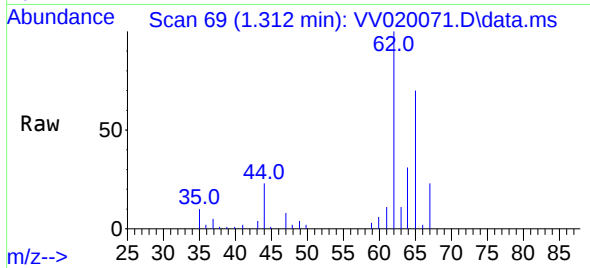




#5
 Vinyl chloride
 Concen: 3.83 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020071.D
 Acq: 20 Jan 2021 12:24

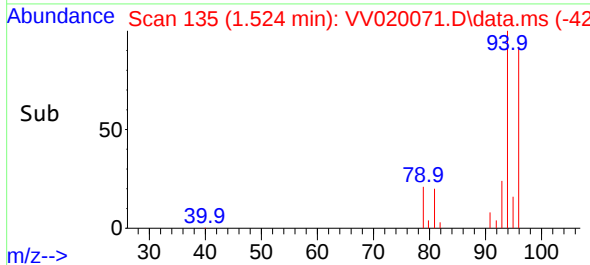
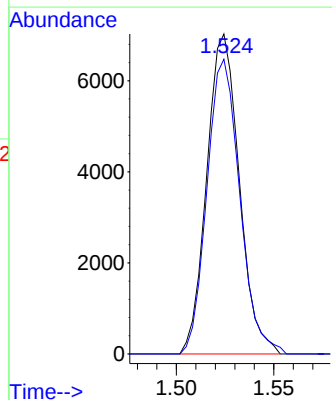
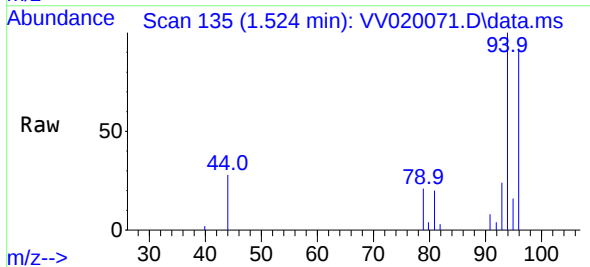
Instrument :
 MSVOA_V
 ClientSampled :

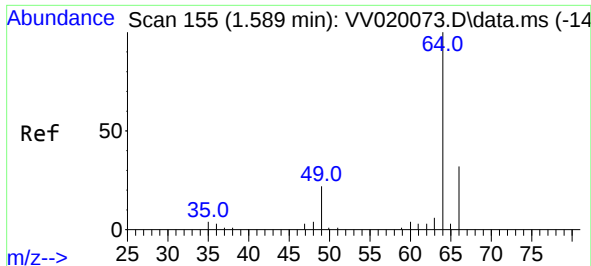
Tgt Ion: 62 Resp: 11589
 Ion Ratio Lower Upper
 62 100
 64 30.9 23.0 42.6



#6
 Bromomethane
 Concen: 4.24 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. -0.000 min
 Lab File: VV020071.D
 Acq: 20 Jan 2021 12:24

Tgt Ion: 94 Resp: 8154
 Ion Ratio Lower Upper
 94 100
 96 92.1 63.6 118.2





#8

Chloroethane

Concen: 3.79 ug/L

RT: 1.585 min Scan# 154

Delta R.T. -0.003 min

Lab File: VV020071.D

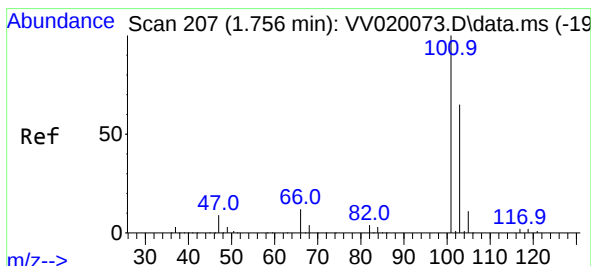
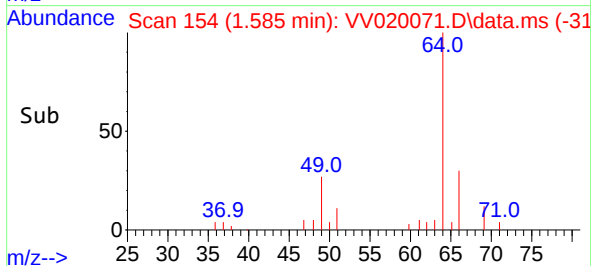
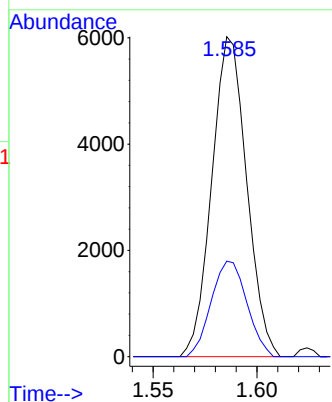
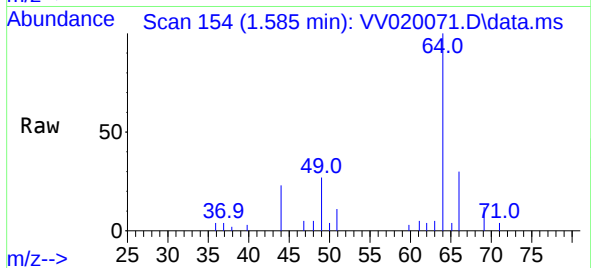
Acq: 20 Jan 2021 12:24

Tgt Ion: 64 Resp: 7010

Ion Ratio Lower Upper

64 100

66 29.9 22.4 41.6



#9

Trichlorofluoromethane

Concen: 4.33 ug/L

RT: 1.756 min Scan# 207

Delta R.T. -0.000 min

Lab File: VV020071.D

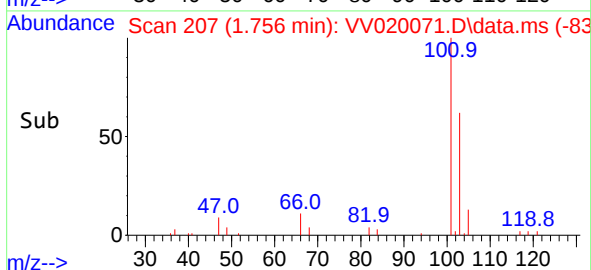
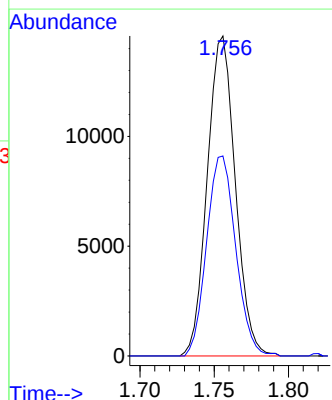
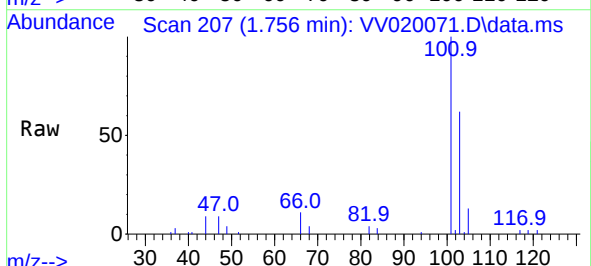
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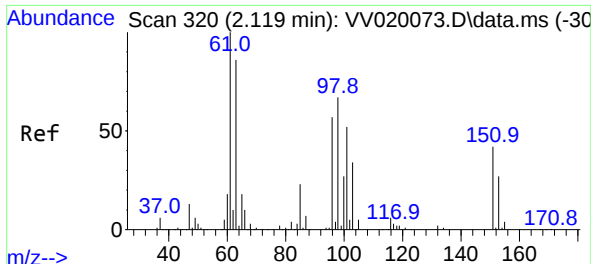
Tgt Ion:101 Resp: 19184

Ion Ratio Lower Upper

101 100

103 64.7 51.7 77.5





#10

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

Concen: 4.17 ug/L

RT: 2.119 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV020071.D

Acq: 20 Jan 2021 12:24

Tgt Ion:101 Resp: 10107

Ion Ratio Lower Upper

101 100

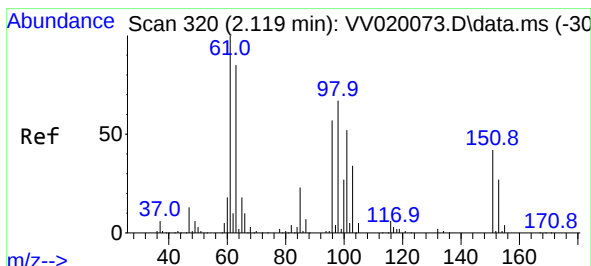
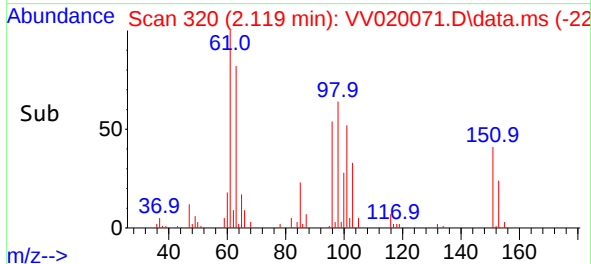
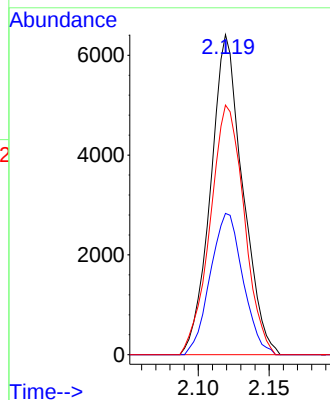
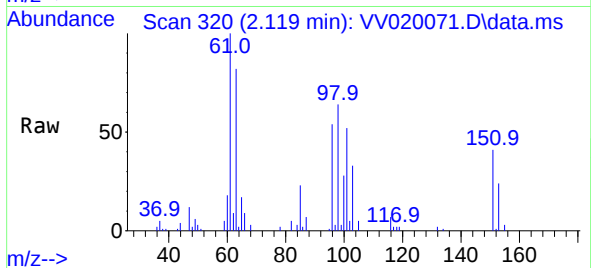
85 45.0 35.3 52.9

151 82.6 53.6 80.4#

Instrument :

MSVOA_V

ClientSampled :



#12

1,1-Dichloroethene

Concen: 3.94 ug/L

RT: 2.119 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV020071.D

Acq: 20 Jan 2021 12:24

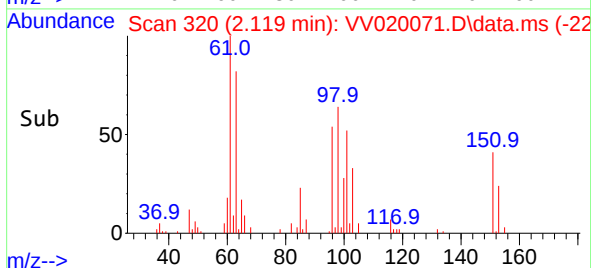
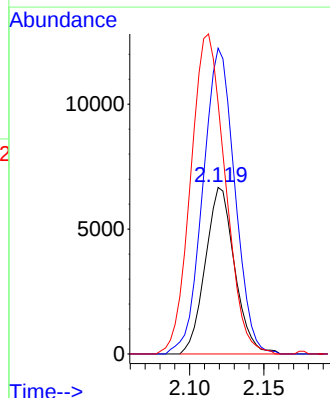
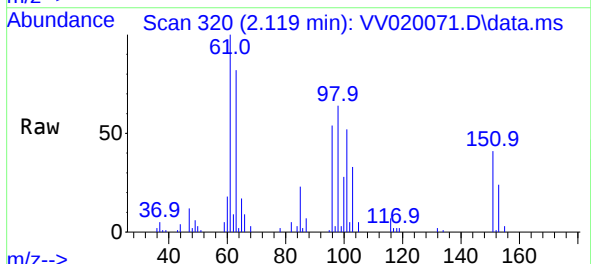
Tgt Ion: 96 Resp: 9162

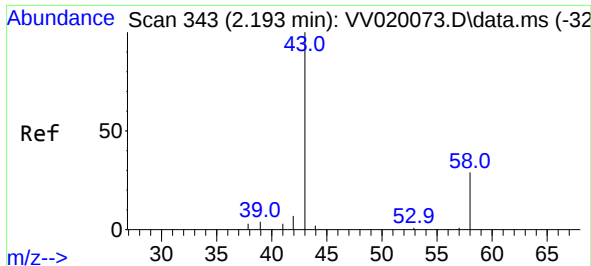
Ion Ratio Lower Upper

96 100

61 183.5 134.9 250.5

63 150.5 117.6 218.4

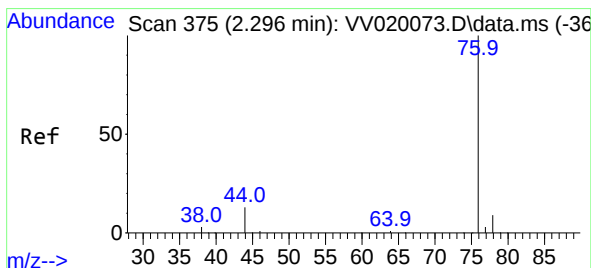
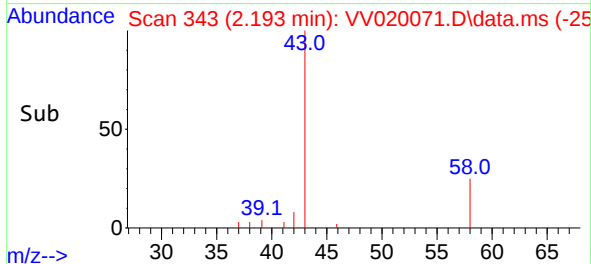
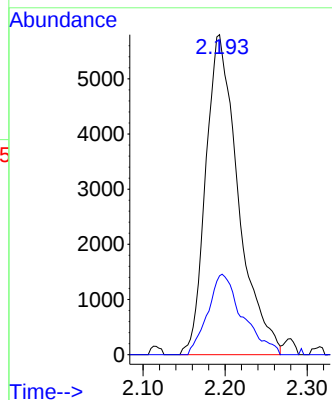
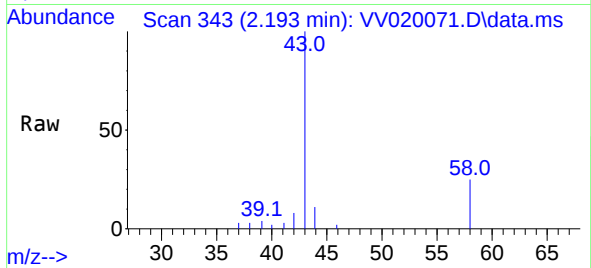




#13
Acetone
Concen: 10.11 ug/L
RT: 2.193 min Scan# 343
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

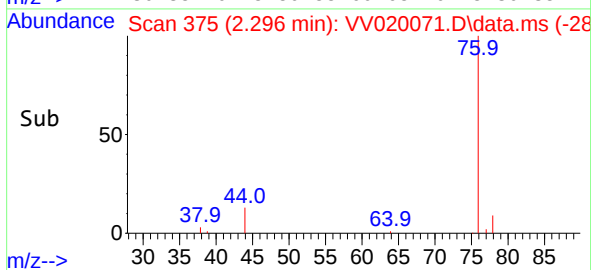
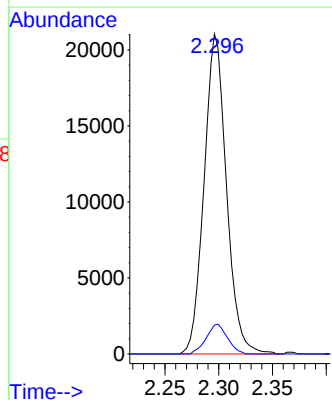
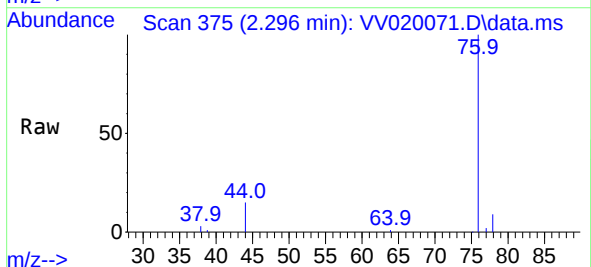
Instrument :
MSVOA_V
ClientSampled :

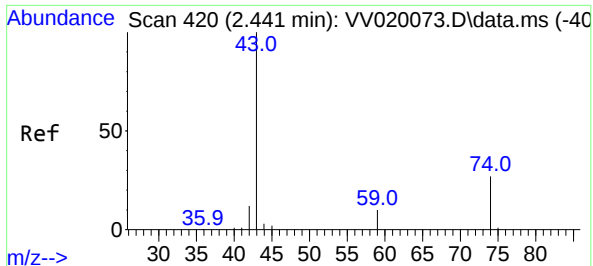
Tgt Ion: 43 Resp: 15999
Ion Ratio Lower Upper
43 100
58 27.0 0.0 60.2



#14
Carbon disulfide
Concen: 4.35 ug/L
RT: 2.296 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 76 Resp: 30485
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 3.74 ug/L

RT: 2.447 min Scan# 422

Delta R.T. 0.006 min

Lab File: VV020071.D

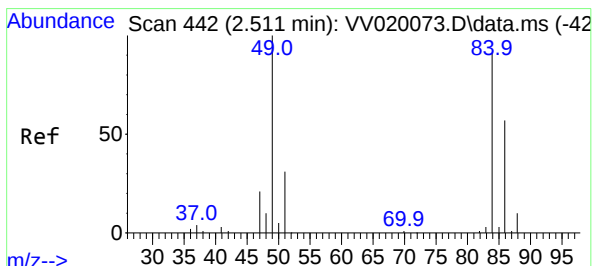
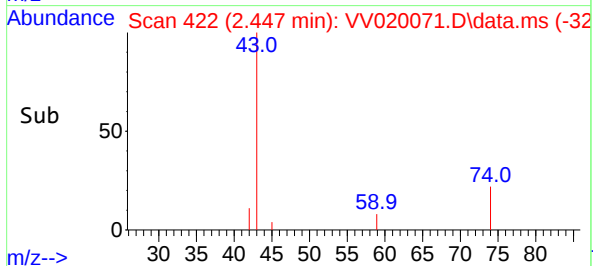
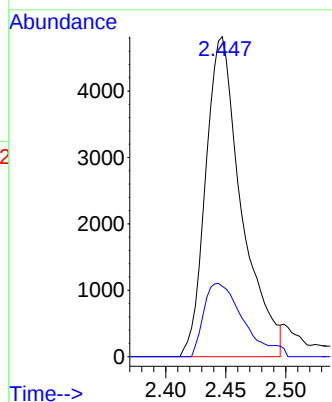
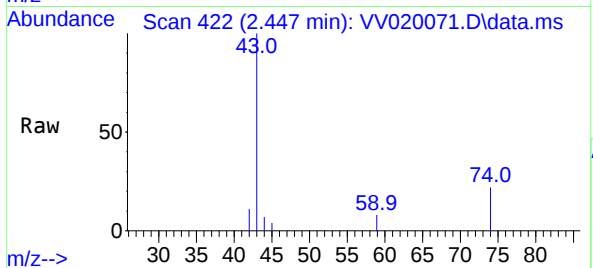
Acq: 20 Jan 2021 12:24

Tgt Ion: 43 Resp: 10024

Ion Ratio Lower Upper

43 100

74 24.0 17.6 26.4



#16

Methylene chloride

Concen: 4.76 ug/L

RT: 2.511 min Scan# 442

Delta R.T. -0.000 min

Lab File: VV020071.D

Acq: 20 Jan 2021 12:24

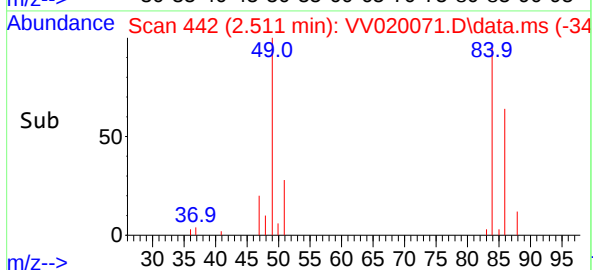
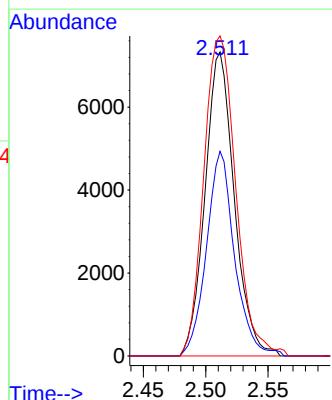
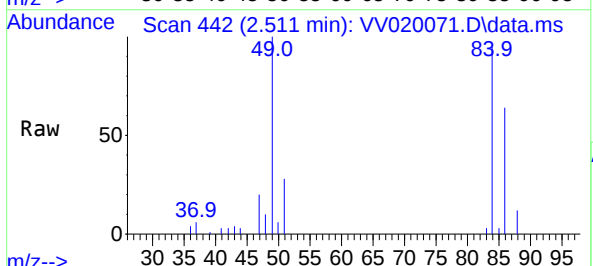
Tgt Ion: 84 Resp: 11984

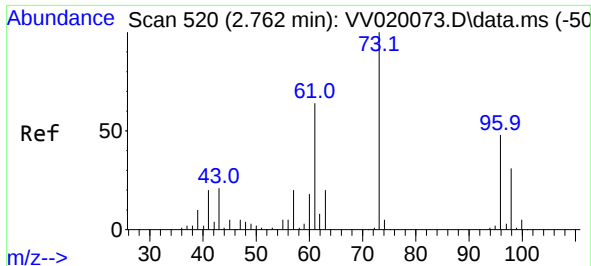
Ion Ratio Lower Upper

84 100

86 67.3 44.6 82.8

49 105.3 94.6 175.8



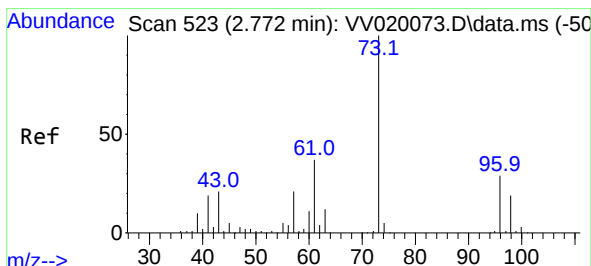
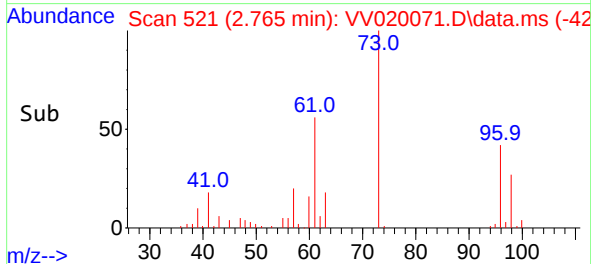
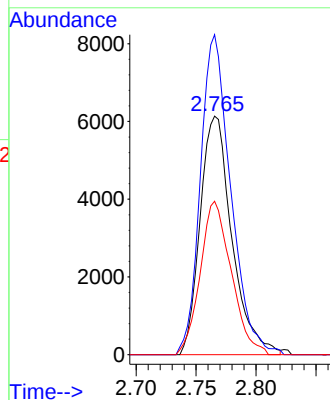
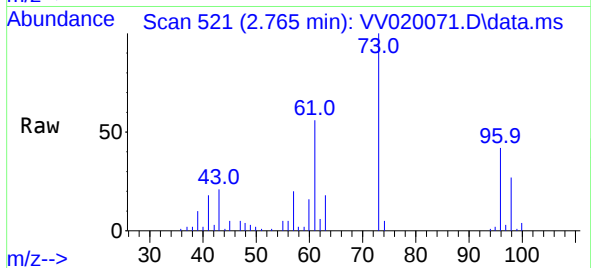


#17

trans-1,2-Dichloroethene
Concen: 4.71 ug/L
RT: 2.765 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 96 Resp: 11317
Ion Ratio Lower Upper
96 100
61 134.1 103.1 191.5
98 64.3 43.1 80.1

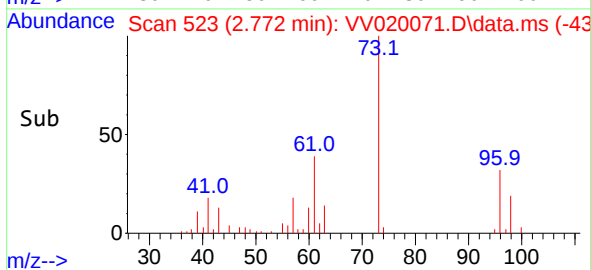
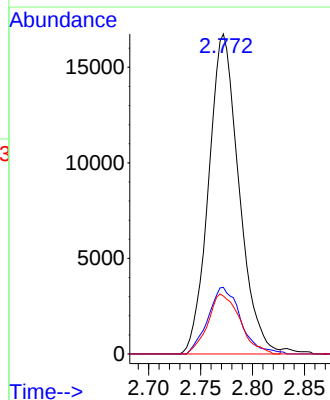
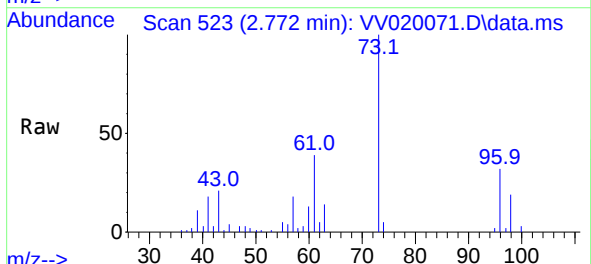
Instrument :
MSVOA_V
ClientSampleId :

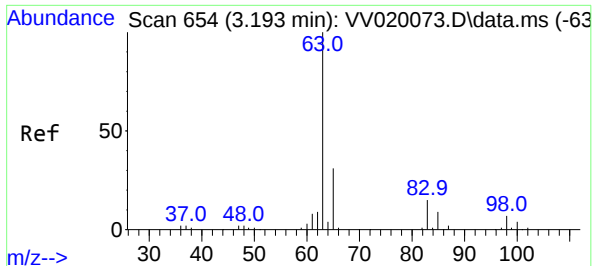


#18

Methyl tert-butyl Ether
Concen: 4.37 ug/L
RT: 2.772 min Scan# 523
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 73 Resp: 34011
Ion Ratio Lower Upper
73 100
43 22.4 17.3 25.9
57 19.7 17.9 26.9



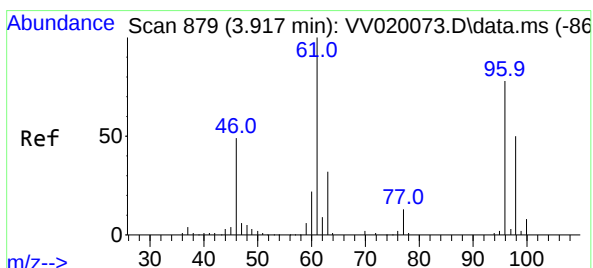
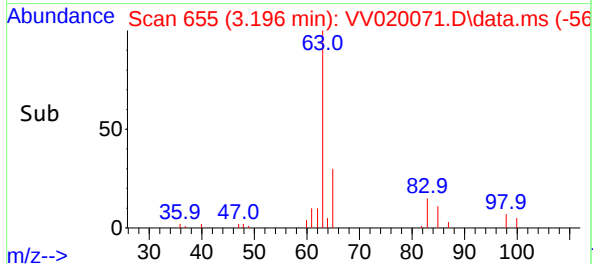
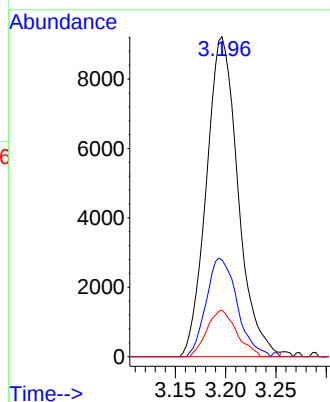
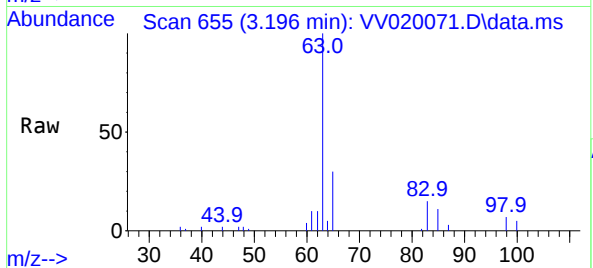


#19
1,1-Dichloroethane
Concen: 4.47 ug/L
RT: 3.196 min Scan# 655
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 20198

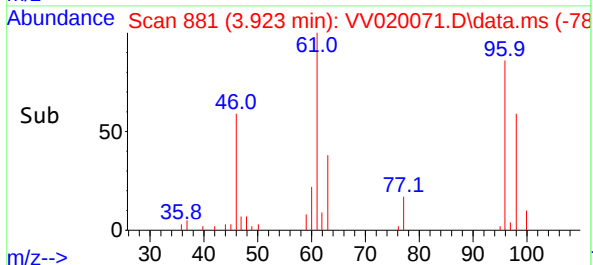
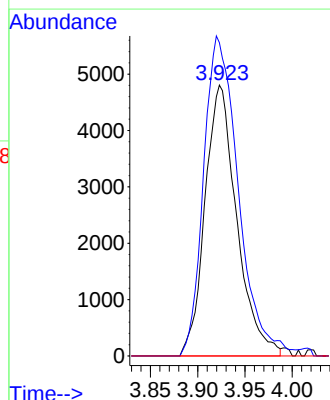
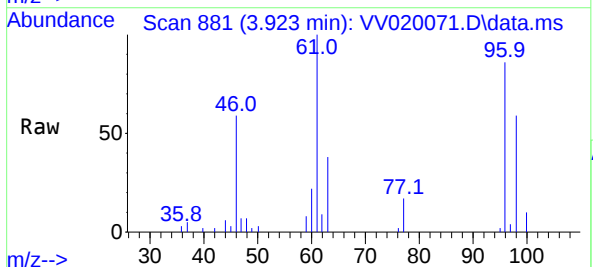
Ion	Ratio	Lower	Upper
63	100		
65	30.3	21.9	40.7
83	14.5	9.5	17.7

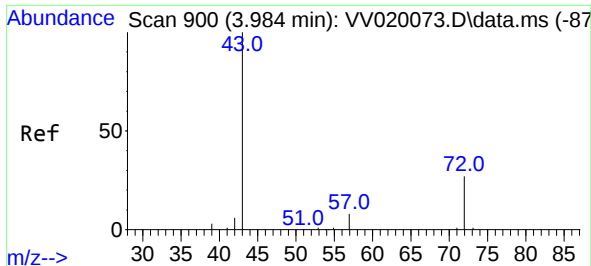


#20
cis-1,2-Dichloroethene
Concen: 4.37 ug/L
RT: 3.923 min Scan# 881
Delta R.T. 0.006 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 96 Resp: 11240

Ion	Ratio	Lower	Upper
96	100		
61	115.7	96.9	179.9
68	0.0	0.0	0.0

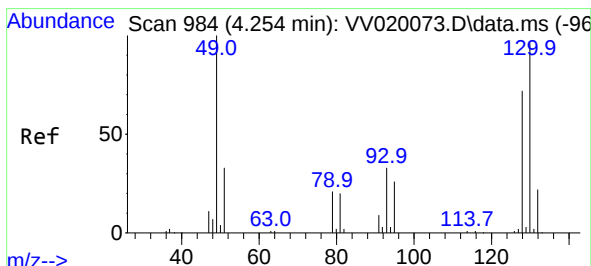
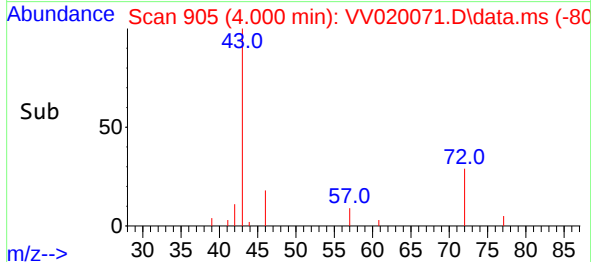
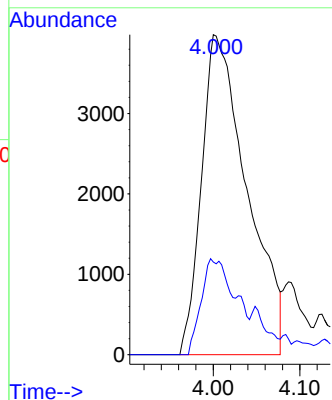
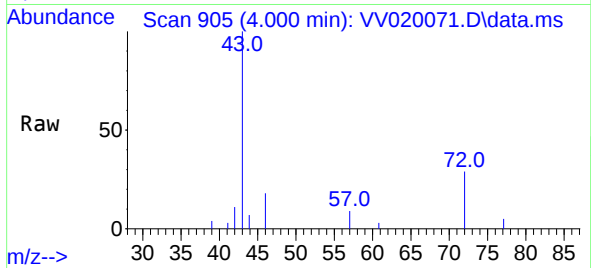




#22
2-Butanone
Concen: 7.55 ug/L
RT: 4.000 min Scan# 905
Delta R.T. 0.016 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

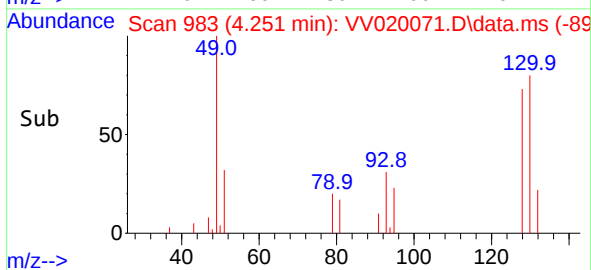
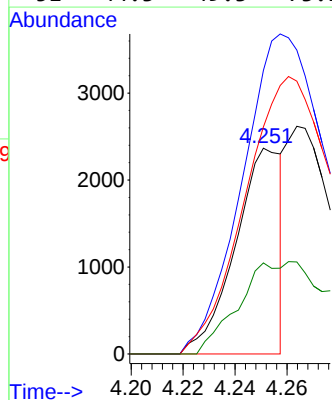
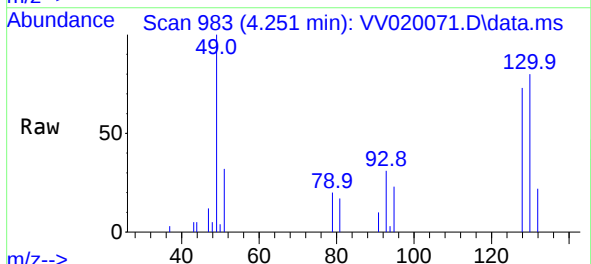
Instrument :
MSVOA_V
ClientSampled :

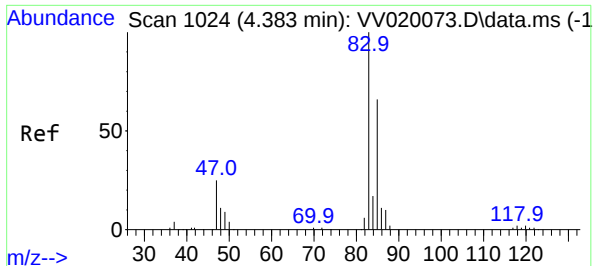
Tgt Ion: 43 Resp: 14500
Ion Ratio Lower Upper
43 100
72 10.2 12.2 36.6#



#23
Bromochloromethane
Concen: 2.14 ug/L
RT: 4.251 min Scan# 983
Delta R.T. -0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion:128 Resp: 2909
Ion Ratio Lower Upper
128 100
49 137.8 133.1 247.1
130 110.4 89.0 165.4
51 44.3 49.3 73.9#



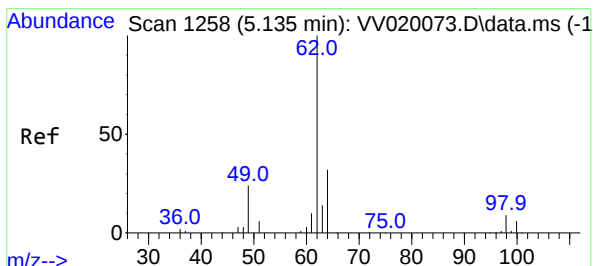
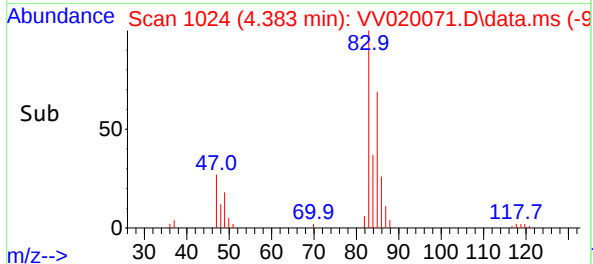
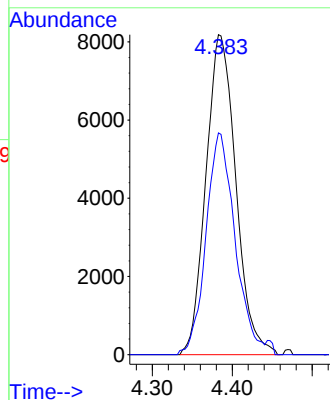
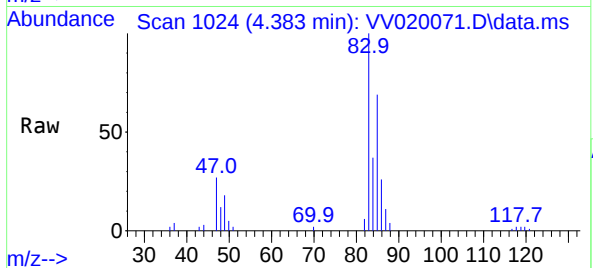


#25

Chloroform
Concen: 4.44 ug/L
RT: 4.383 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Instrument :
MSVOA_V
ClientSampled :

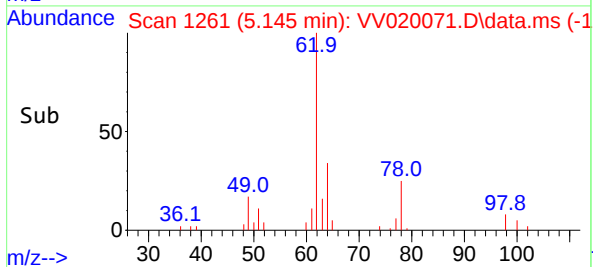
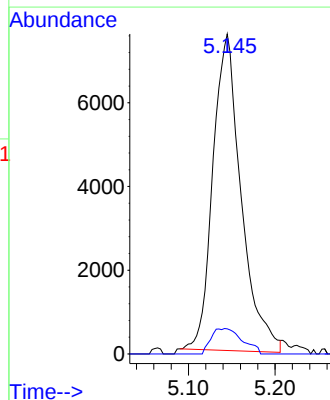
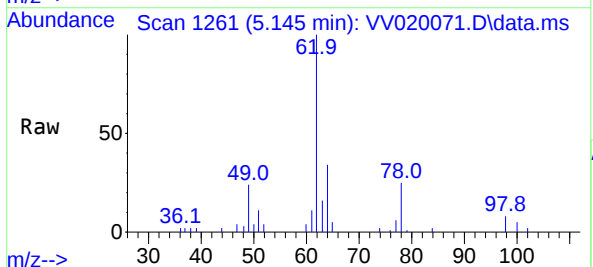
Tgt Ion: 83 Resp: 21290
Ion Ratio Lower Upper
83 100
85 69.3 44.2 82.2

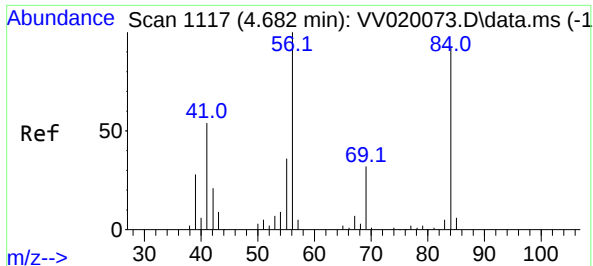


#27

1,2-Dichloroethane
Concen: 4.30 ug/L
RT: 5.145 min Scan# 1261
Delta R.T. 0.010 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 62 Resp: 17137
Ion Ratio Lower Upper
62 100
98 7.9 6.9 10.3





#29

Cyclohexane

Concen: 4.13 ug/L

RT: 4.682 min Scan# 1117

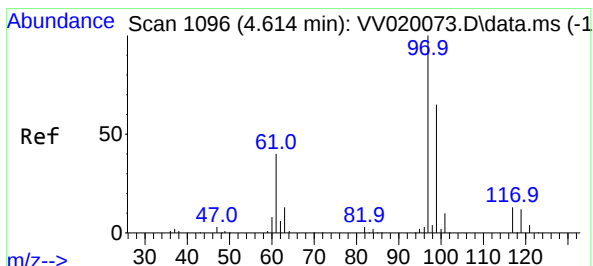
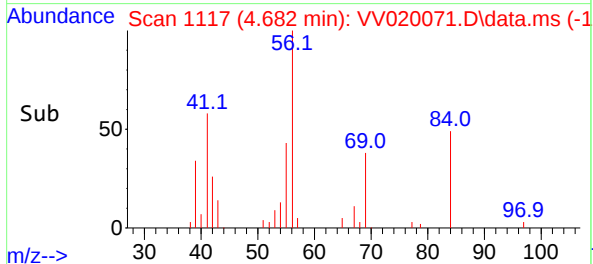
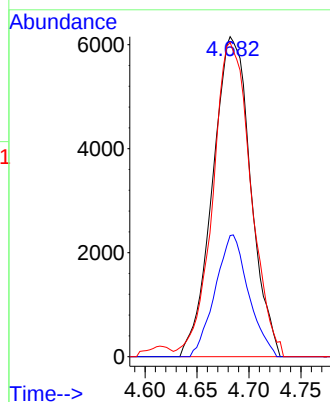
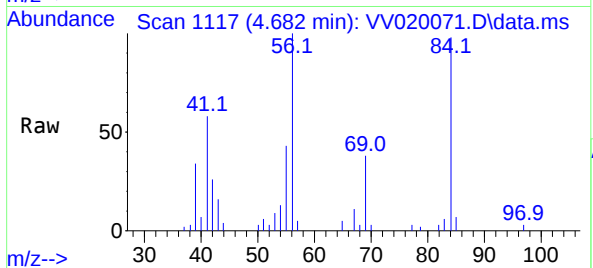
Delta R.T. -0.000 min

Lab File: VV020071.D

Acq: 20 Jan 2021 12:24

Tgt Ion:	56	Resp:	15647
Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.2	36.2
84	98.2	66.3	99.5

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 4.57 ug/L

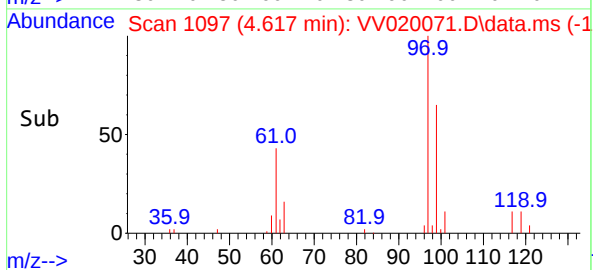
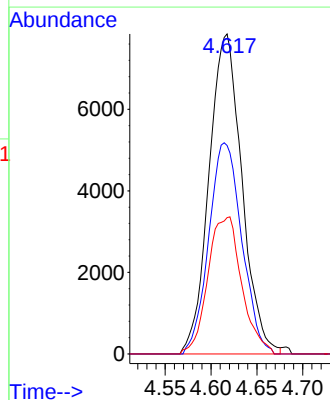
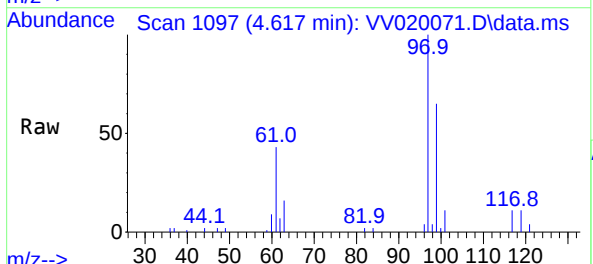
RT: 4.617 min Scan# 1097

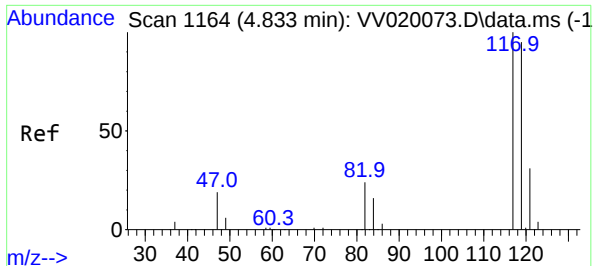
Delta R.T. 0.003 min

Lab File: VV020071.D

Acq: 20 Jan 2021 12:24

Tgt Ion:	97	Resp:	19611
Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.2	76.8
61	43.9	38.5	57.7

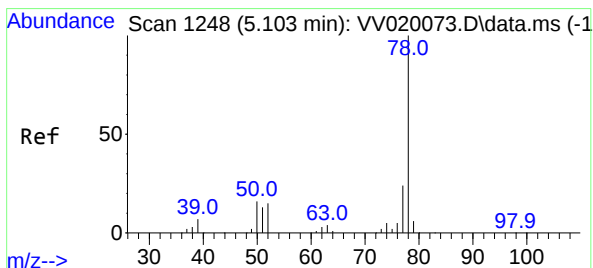
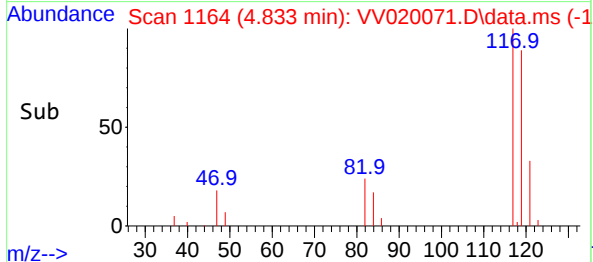
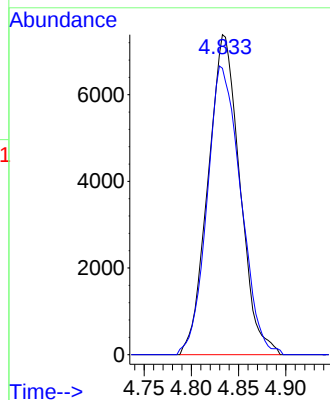
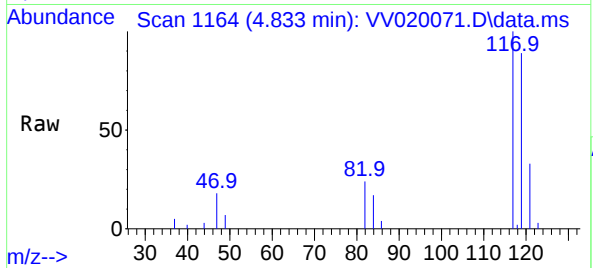




#31
Carbon tetrachloride
Concen: 4.71 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

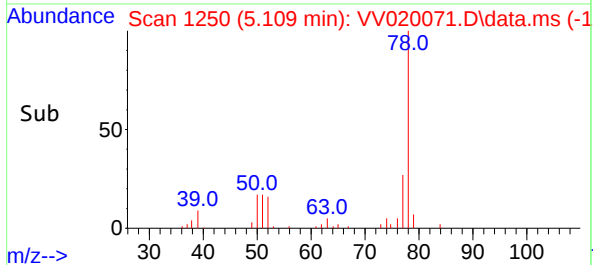
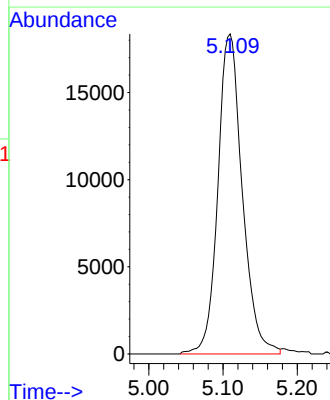
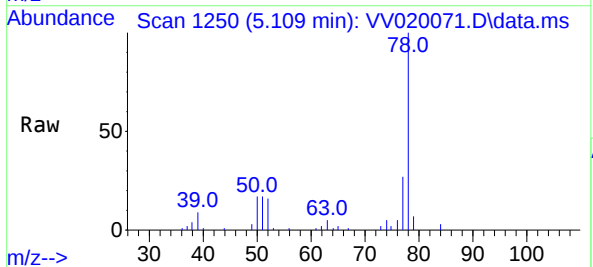
Instrument :
MSVOA_V
ClientSampleId :

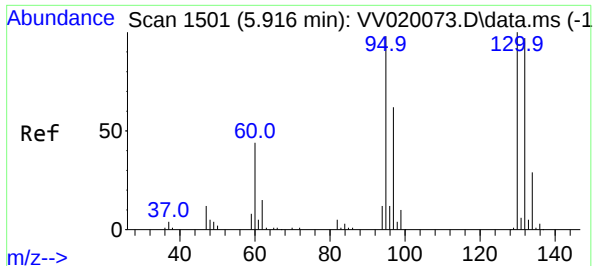
Tgt Ion:117 Resp: 17294
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5



#33
Benzene
Concen: 4.48 ug/L
RT: 5.109 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 78 Resp: 42010

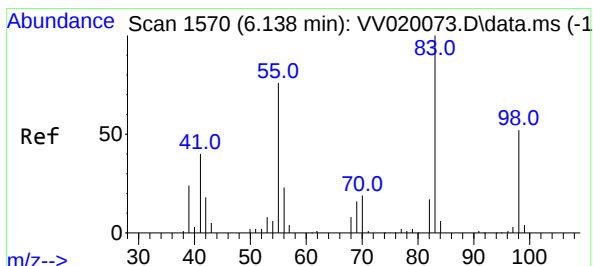
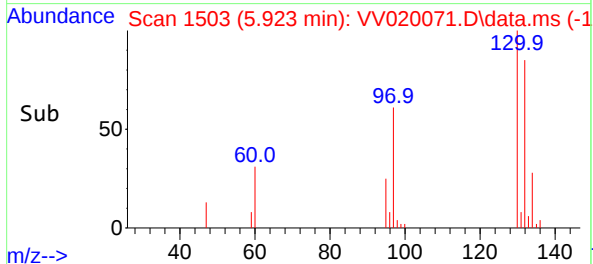
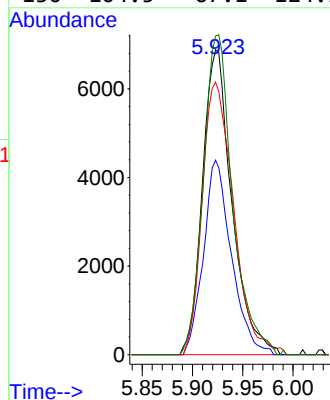
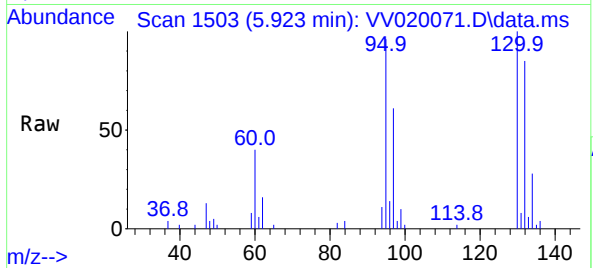




#34
Trichloroethene
Concen: 5.15 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

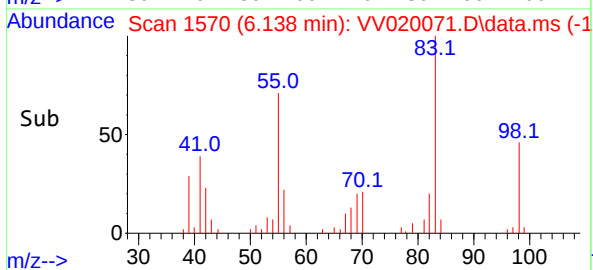
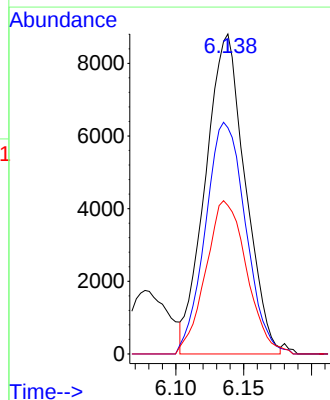
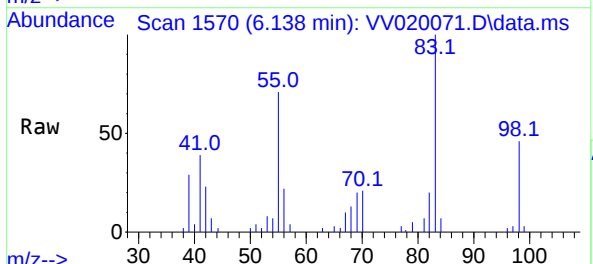
Instrument :
MSVOA_V
ClientSampled :

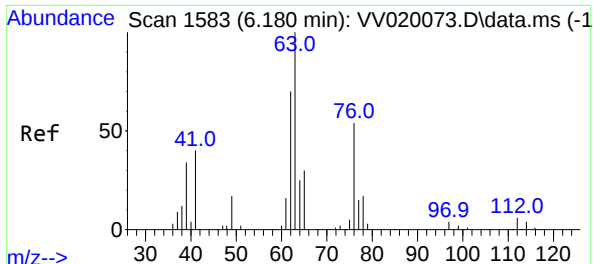
Tgt Ion: 95 Resp: 14036
Ion Ratio Lower Upper
95 100
97 63.8 44.5 82.7
132 89.4 63.4 117.8
130 104.5 67.1 124.5



#35
Methylcyclohexane
Concen: 4.64 ug/L
RT: 6.138 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 83 Resp: 17964
Ion Ratio Lower Upper
83 100
55 73.5 65.1 97.7
98 49.4 38.2 57.2

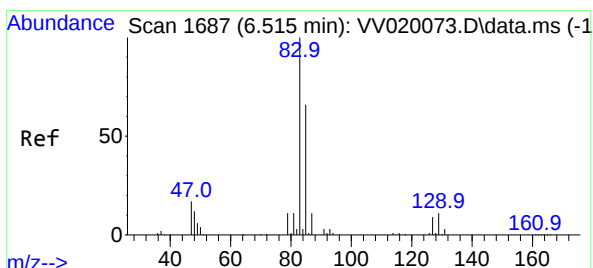
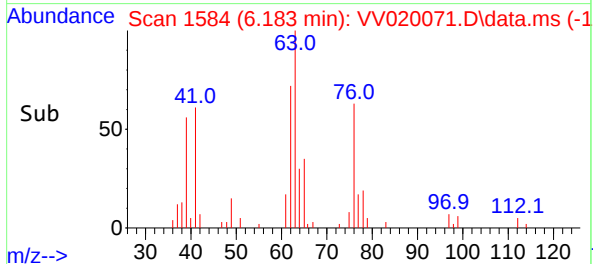
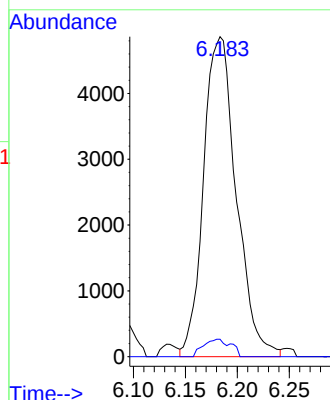
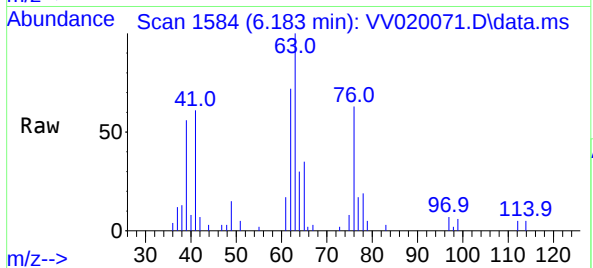




#37
1,2-Dichloropropane
Concen: 4.44 ug/L
RT: 6.183 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

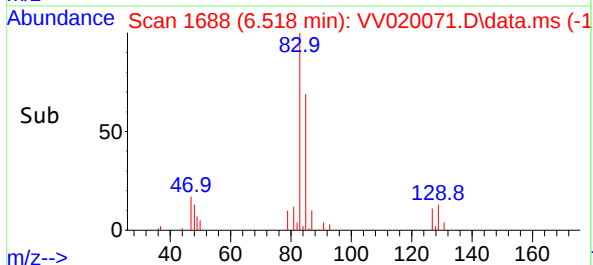
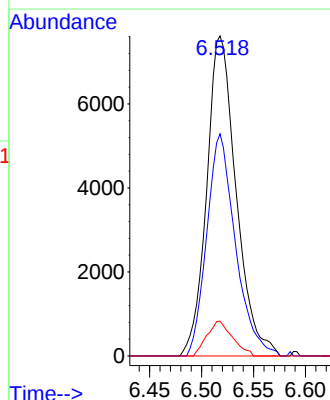
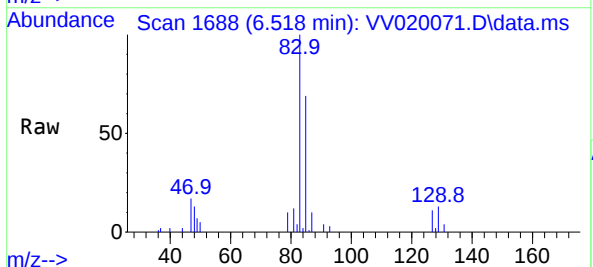
Instrument :
MSVOA_V
ClientSampled :

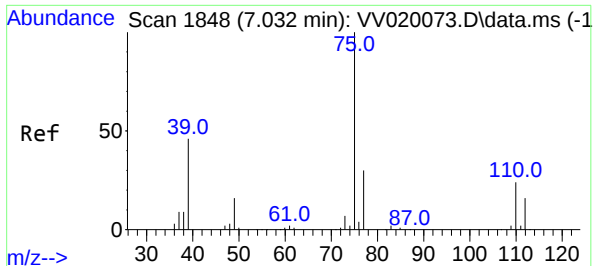
Tgt Ion: 63 Resp: 10661
Ion Ratio Lower Upper
63 100
112 3.6 3.3 4.9



#38
Bromodichloromethane
Concen: 4.29 ug/L
RT: 6.518 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 83 Resp: 15021
Ion Ratio Lower Upper
83 100
85 69.4 44.5 82.7
127 10.9 6.3 9.5#

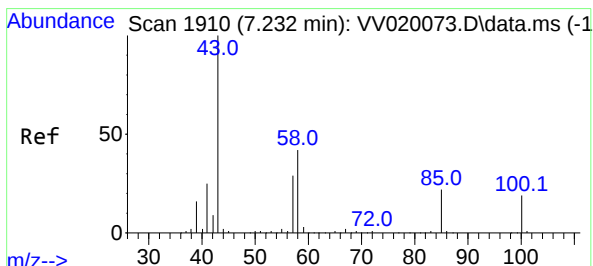
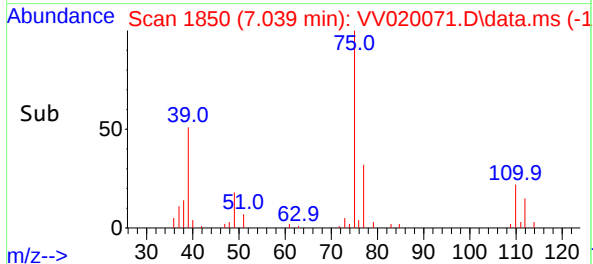
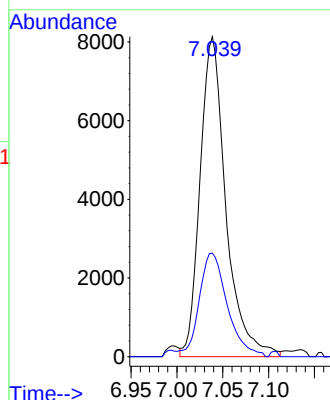
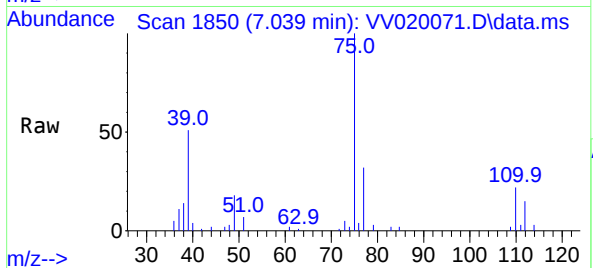




#39
cis-1,3-Dichloropropene
Concen: 4.17 ug/L
RT: 7.039 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

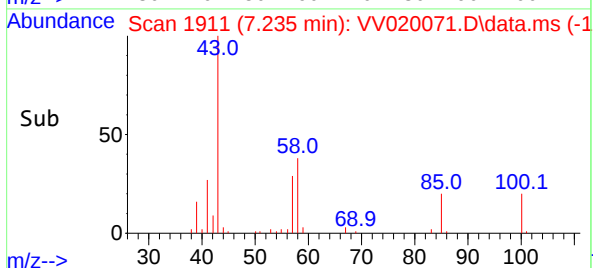
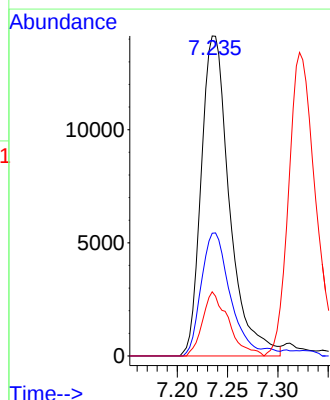
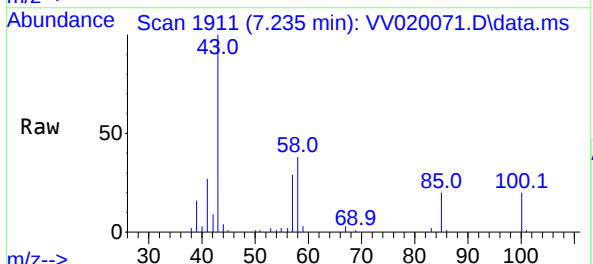
Instrument :
MSVOA_V
ClientSampled :

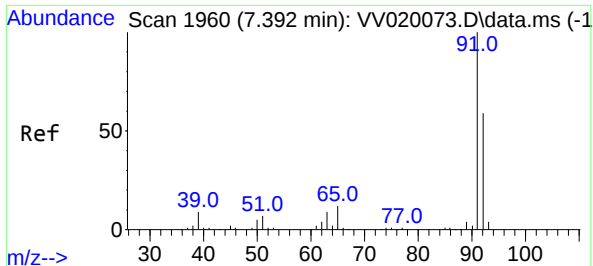
Tgt Ion: 75 Resp: 15924
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 7.66 ug/L
RT: 7.235 min Scan# 1911
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 43 Resp: 27685
Ion Ratio Lower Upper
43 100
58 39.1 30.7 46.1
100 18.4 11.6 17.4#





#42

Toluene

Concen: 4.62 ug/L

RT: 7.395 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VV020071.D

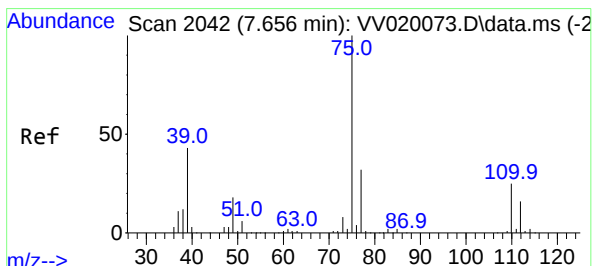
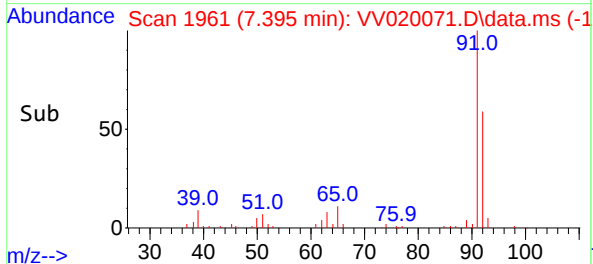
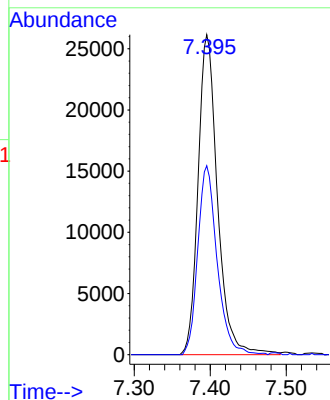
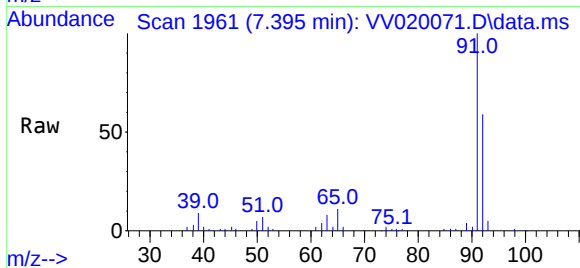
Acq: 20 Jan 2021 12:24

Tgt Ion: 91 Resp: 46450

Ion Ratio Lower Upper

91 100

92 59.1 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 3.87 ug/L

RT: 7.659 min Scan# 2043

Delta R.T. 0.003 min

Lab File: VV020071.D

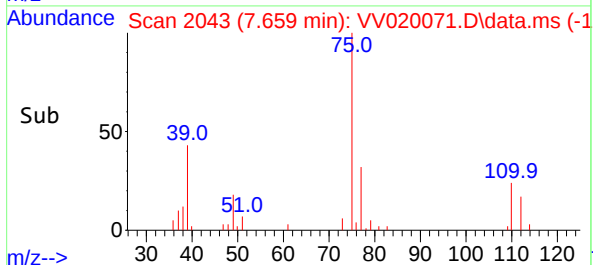
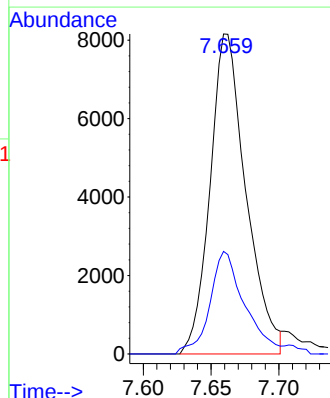
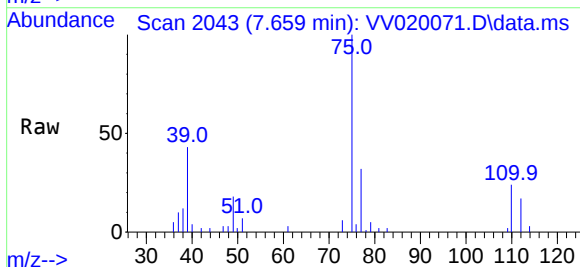
Acq: 20 Jan 2021 12:24

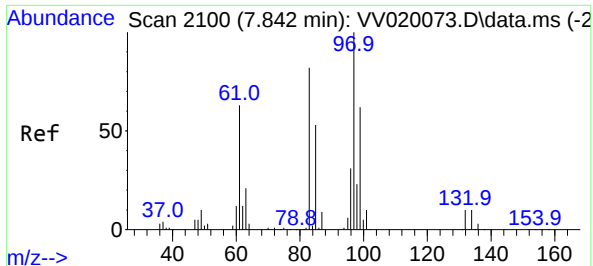
Tgt Ion: 75 Resp: 15006

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



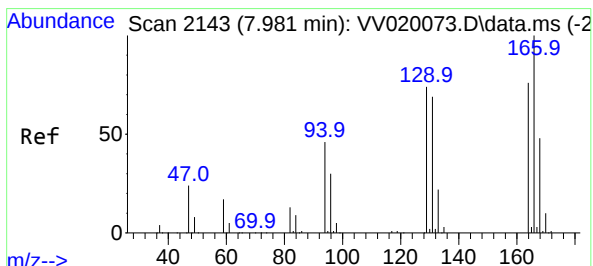
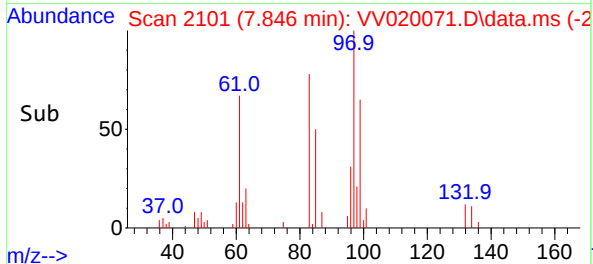
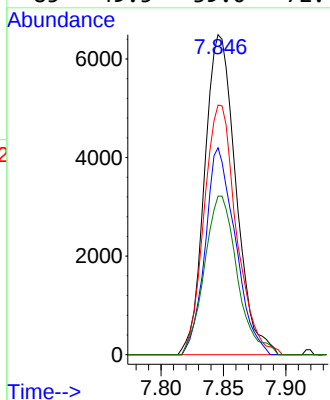
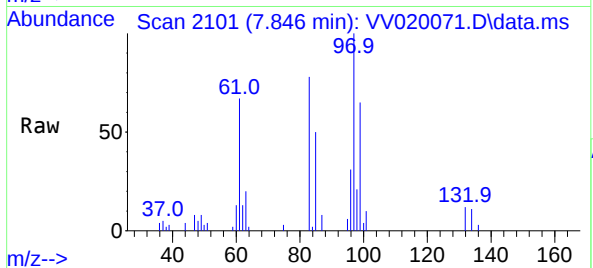


#45
1,1,2-Trichloroethane
Concen: 4.71 ug/L
RT: 7.846 min Scan# 2101
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 11366

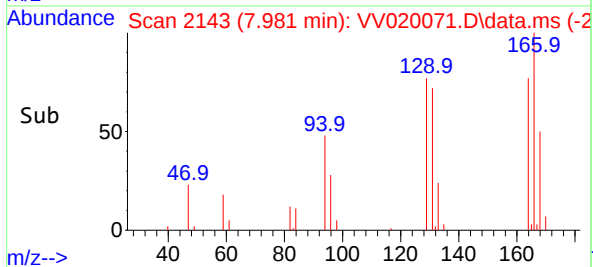
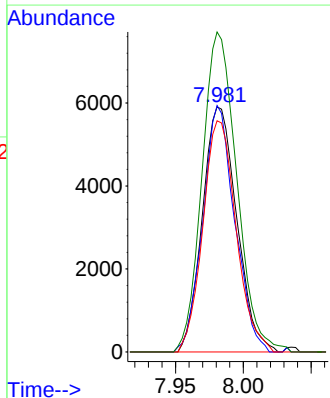
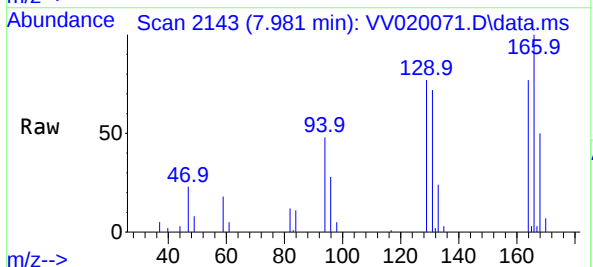
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.8	81.3
83	78.0	62.2	115.4
85	49.5	39.0	72.4

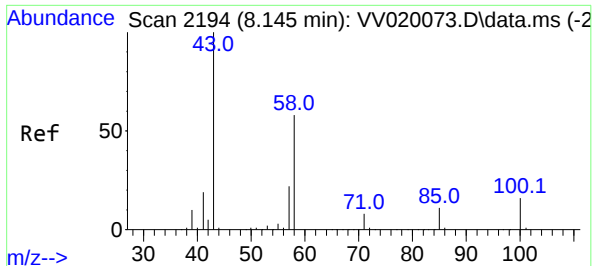


#46
Tetrachloroethene
Concen: 5.22 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 164 Resp: 10422

Ion	Ratio	Lower	Upper
164	100		
129	100.5	70.6	131.0
131	94.3	66.8	124.0
166	130.6	88.2	163.8



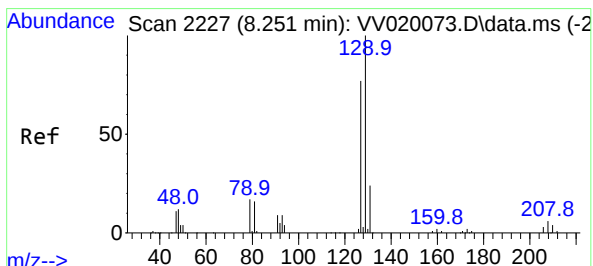
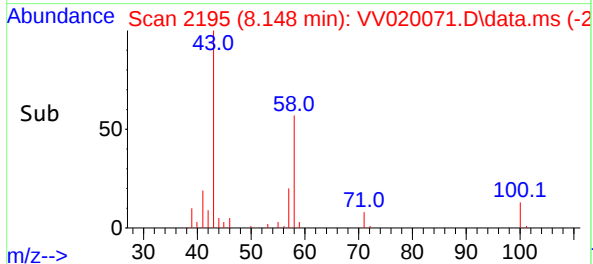
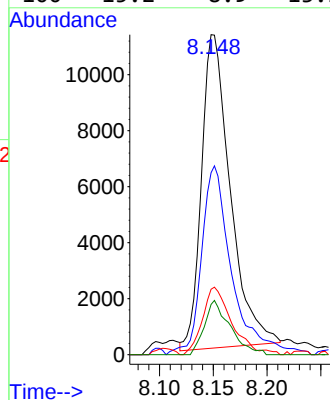
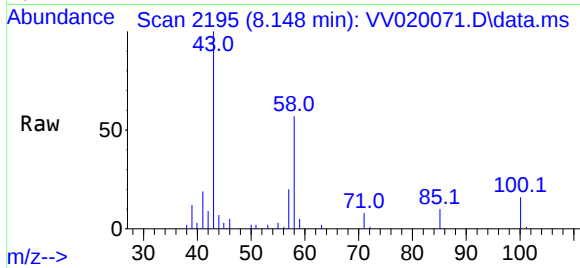


#48
2-Hexanone
Concen: 7.33 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 20937

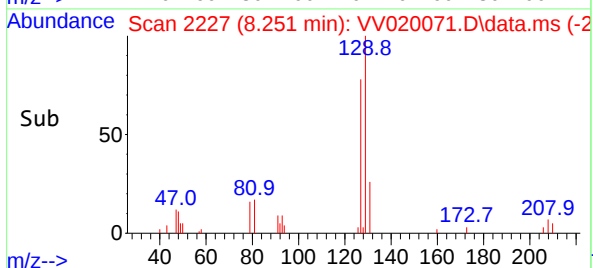
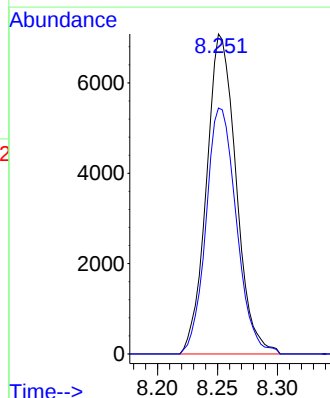
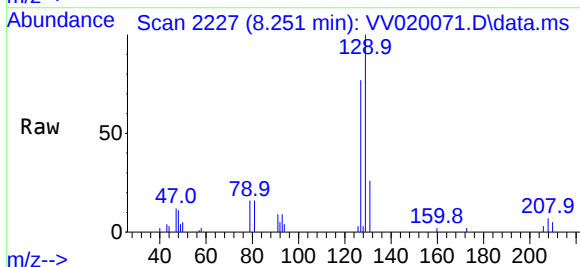
Ion	Ratio	Lower	Upper
43	100		
58	63.1	41.8	62.6#
57	21.3	15.0	22.4
100	15.2	8.9	13.3#

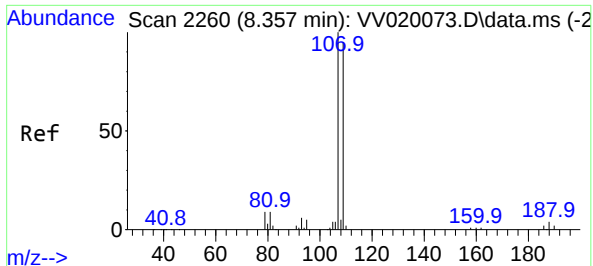


#49
Dibromochloromethane
Concen: 4.53 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 129 Resp: 12182

Ion	Ratio	Lower	Upper
129	100		
127	76.9	55.2	102.6





#50

1,2-Dibromoethane

Concen: 4.80 ug/L

RT: 8.363 min Scan# 2262

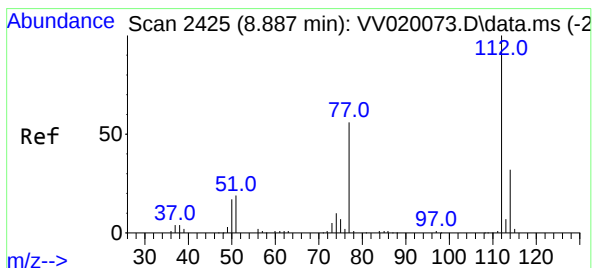
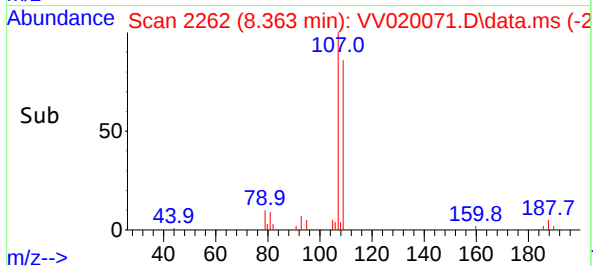
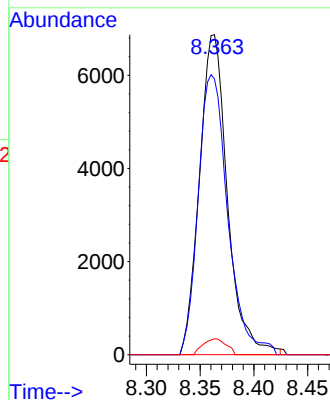
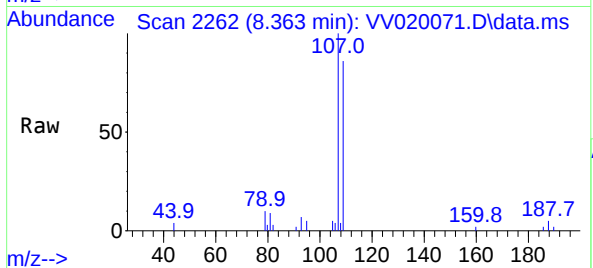
Delta R.T. 0.006 min

Lab File: VV020071.D

Acq: 20 Jan 2021 12:24

Tgt Ion:	107	Resp:	12452
Ion	Ratio	Lower	Upper
107	100		
109	86.2	66.2	123.0
188	5.0	2.6	3.8#

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 4.88 ug/L

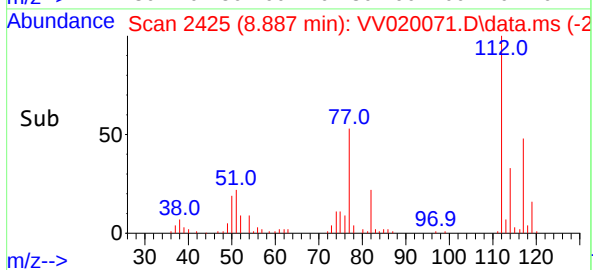
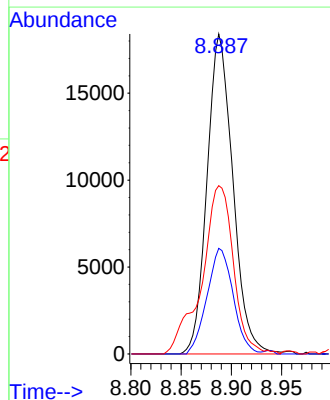
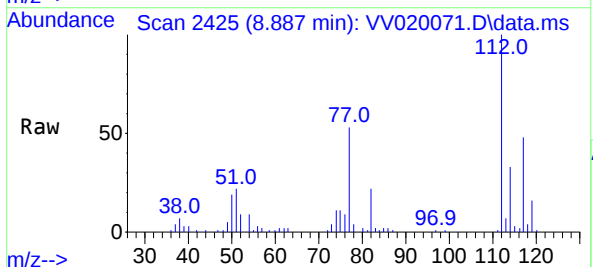
RT: 8.887 min Scan# 2425

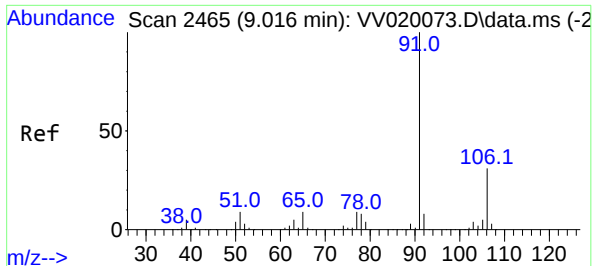
Delta R.T. -0.000 min

Lab File: VV020071.D

Acq: 20 Jan 2021 12:24

Tgt Ion:	112	Resp:	32841
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.2	41.2
77	52.6	49.0	73.6

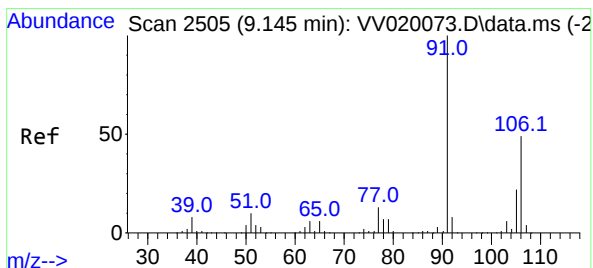
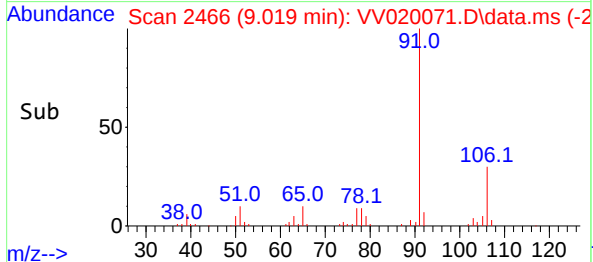
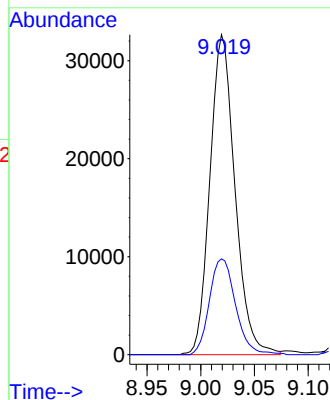
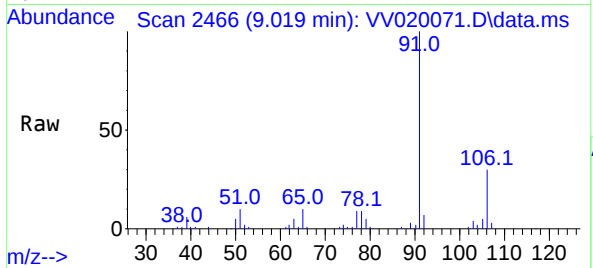




#52
Ethylbenzene
Concen: 4.62 ug/L
RT: 9.019 min Scan# 2466
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

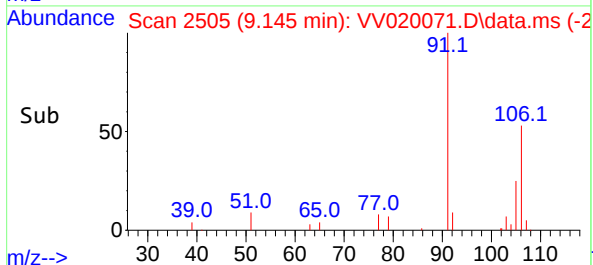
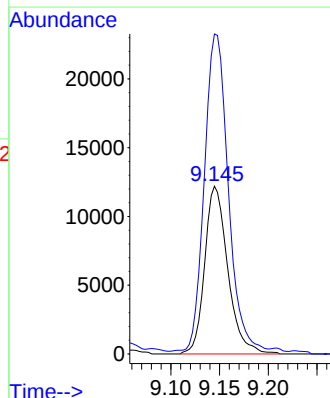
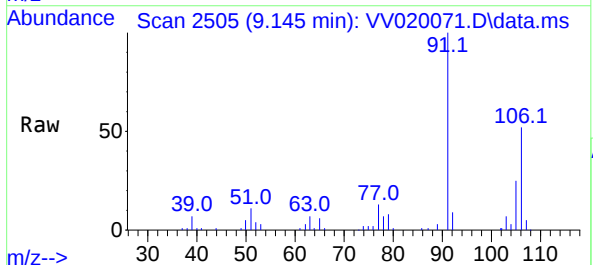
Instrument :
MSVOA_V
ClientSampled :

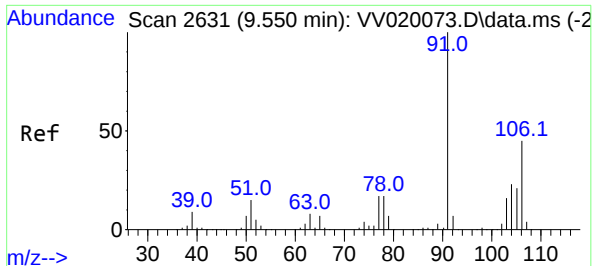
Tgt Ion: 91 Resp: 52972
Ion Ratio Lower Upper
91 100
106 29.9 21.0 39.0



#53
m,p-Xylene
Concen: 4.76 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 106 Resp: 20137
Ion Ratio Lower Upper
106 100
91 190.7 148.1 275.0

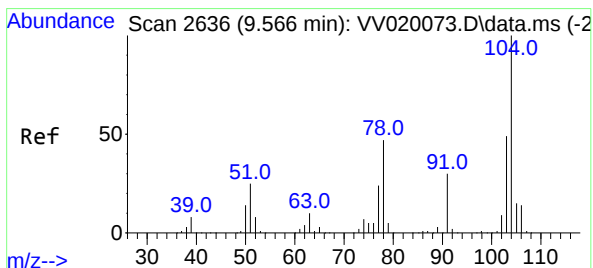
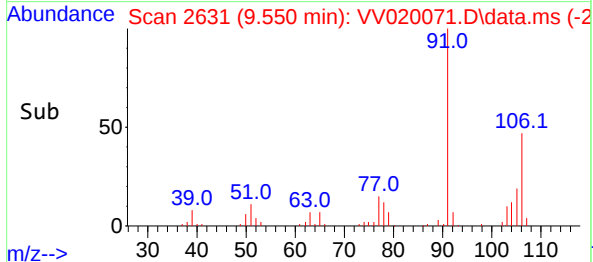
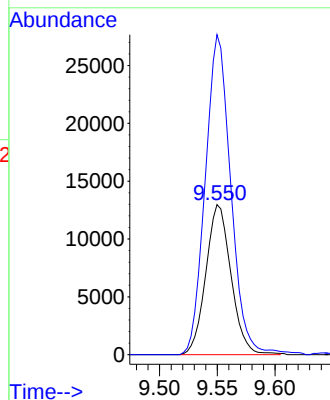
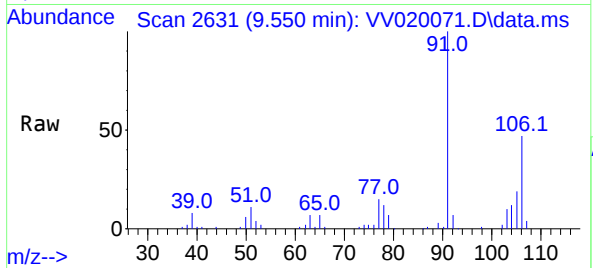




#54
o-xylene
Concen: 4.76 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

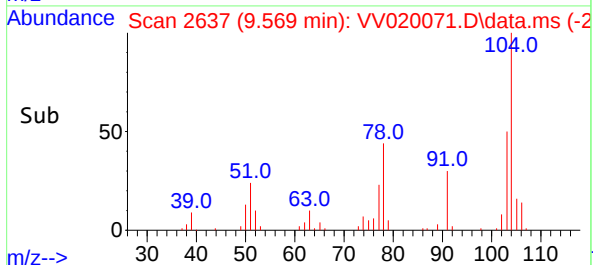
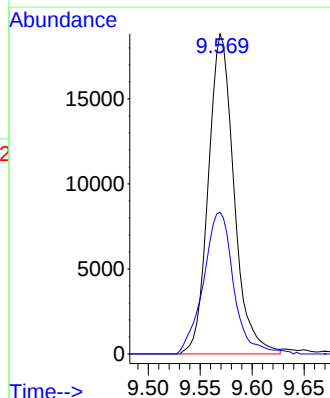
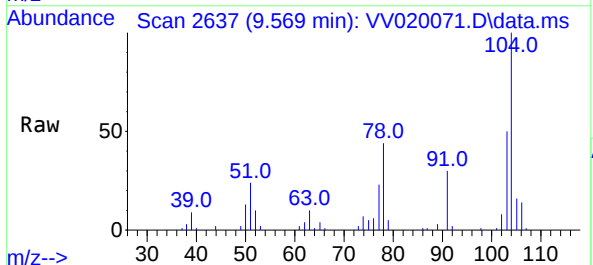
Instrument :
MSVOA_V
ClientSampled :

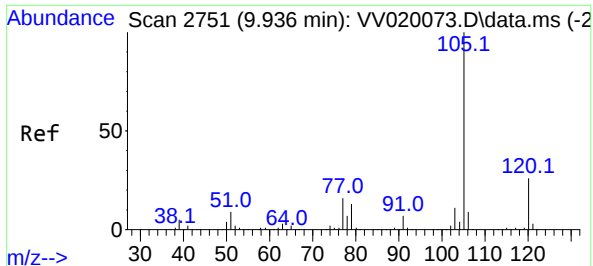
Tgt Ion:106 Resp: 19699
Ion Ratio Lower Upper
106 100
91 213.2 156.4 290.6



#55
Styrene
Concen: 4.51 ug/L
RT: 9.569 min Scan# 2637
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion:104 Resp: 32315
Ion Ratio Lower Upper
104 100
78 44.3 33.7 62.5

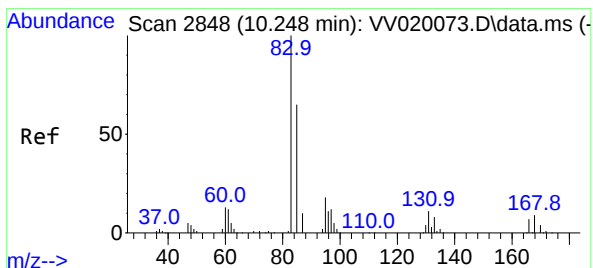
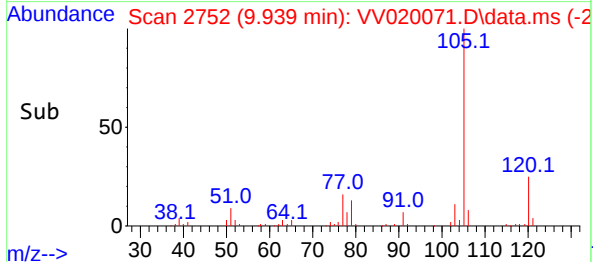
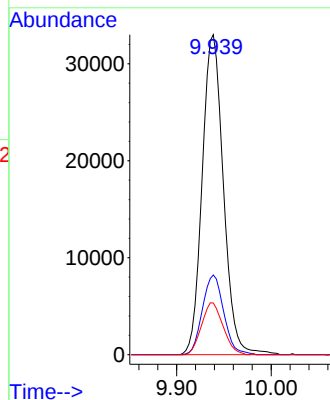
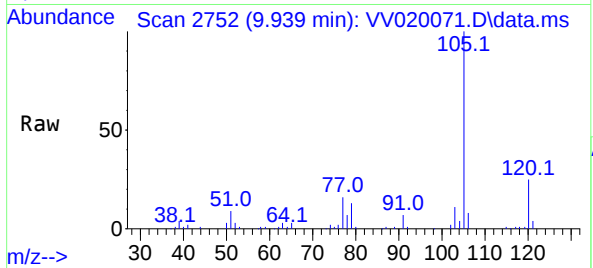




#56
Isopropylbenzene
Concen: 4.59 ug/L
RT: 9.939 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

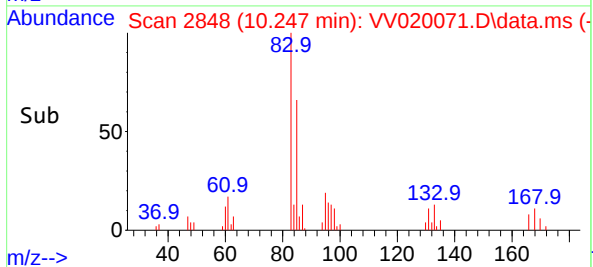
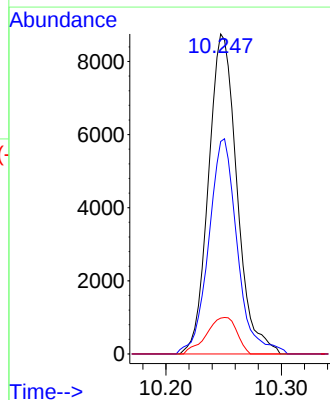
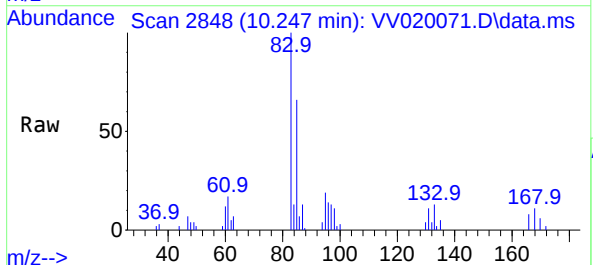
Instrument :
MSVOA_V
ClientSampled :

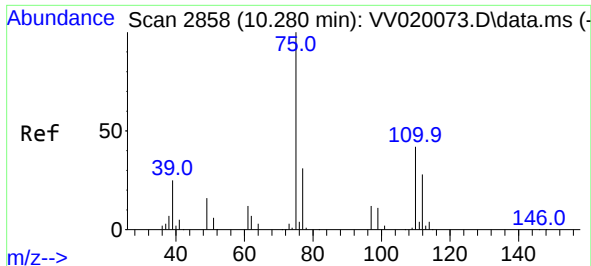
Tgt Ion:105 Resp: 51482
Ion Ratio Lower Upper
105 100
120 25.0 20.5 30.7
77 16.5 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 4.01 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion: 83 Resp: 14971
Ion Ratio Lower Upper
83 100
85 66.4 44.3 82.3
131 11.2 7.3 10.9#

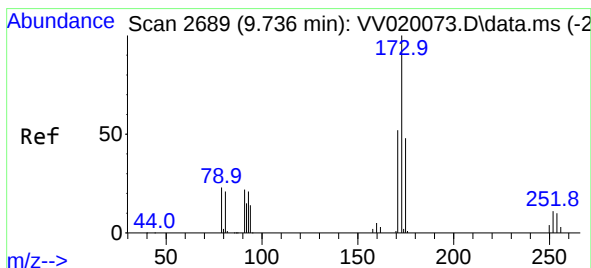
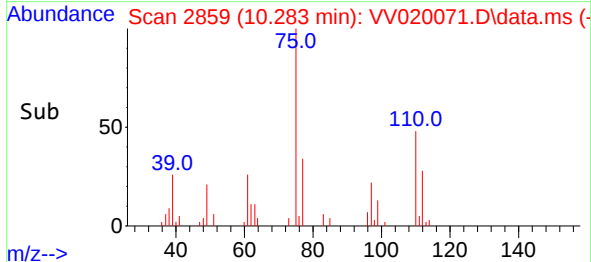
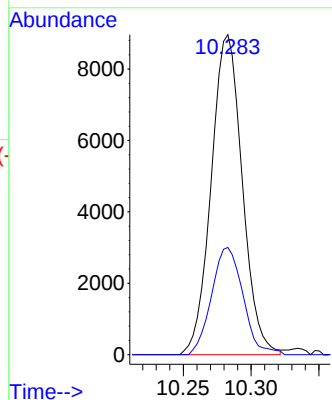
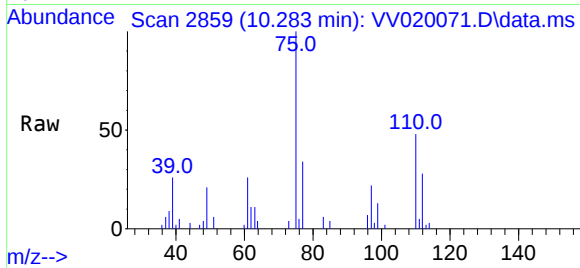




#59
1,2,3-Trichloropropane
Concen: 4.31 ug/L
RT: 10.283 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

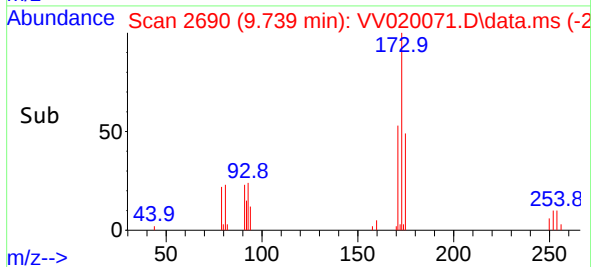
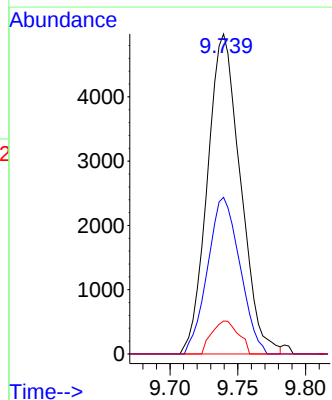
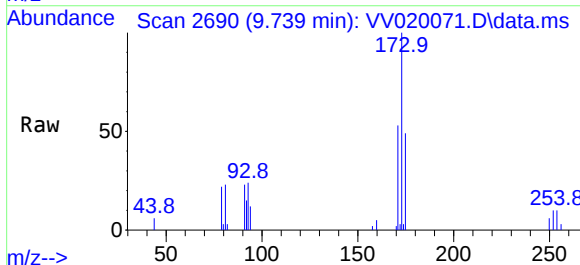
Instrument :
MSVOA_V
ClientSampleId :

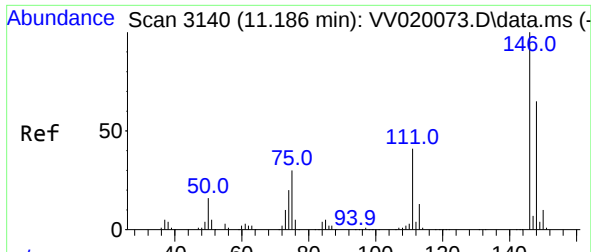
Tgt Ion: 75 Resp: 14287
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.0



#61
Bromoform
Concen: 4.47 ug/L
RT: 9.739 min Scan# 2690
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion:173 Resp: 8440
Ion Ratio Lower Upper
173 100
175 47.9 38.6 57.8
254 8.3 6.5 9.7

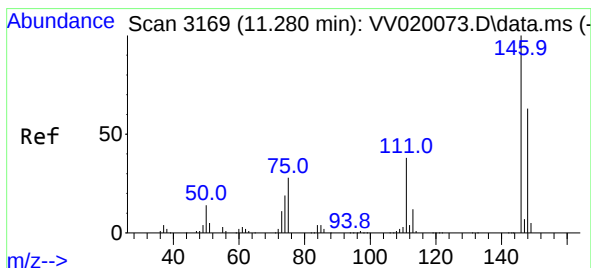
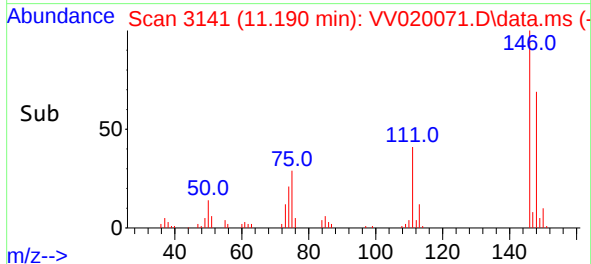
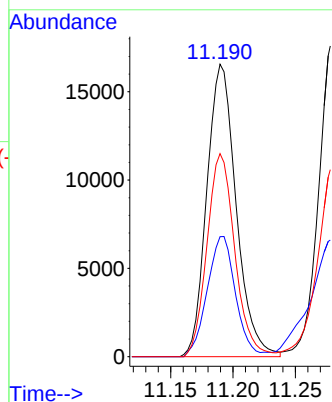
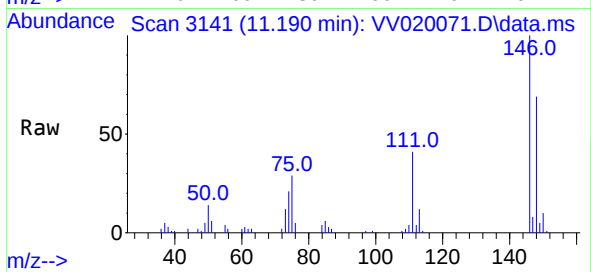




#62
1,3-Dichlorobenzene
Concen: 4.90 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

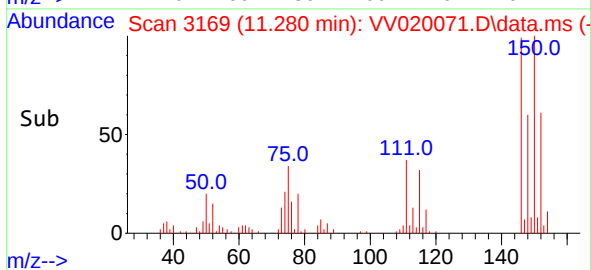
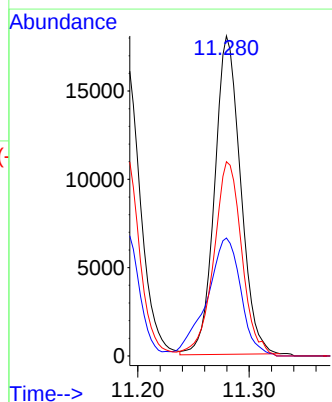
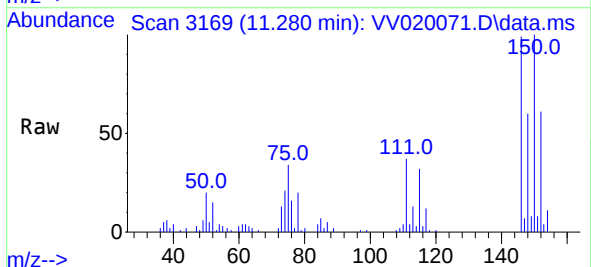
Instrument :
MSVOA_V
ClientSampled :

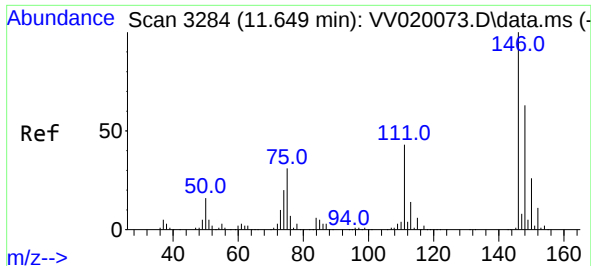
Tgt Ion:146 Resp: 27130
Ion Ratio Lower Upper
146 100
111 41.1 30.2 56.2
148 69.4 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 5.14 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion:146 Resp: 29205
Ion Ratio Lower Upper
146 100
111 36.9 29.4 54.6
148 60.7 44.7 83.1

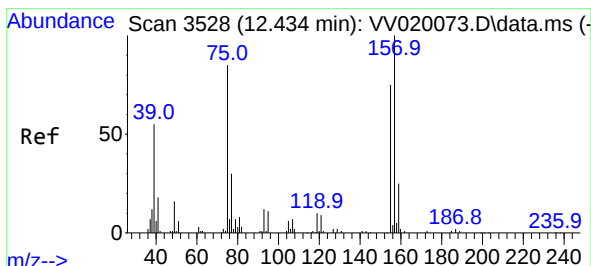
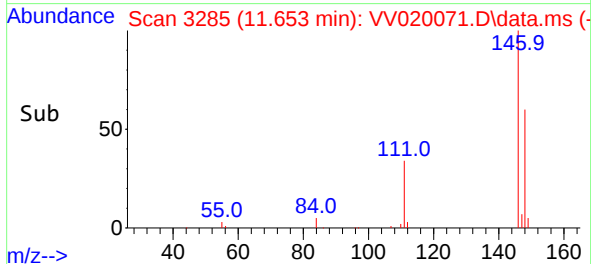
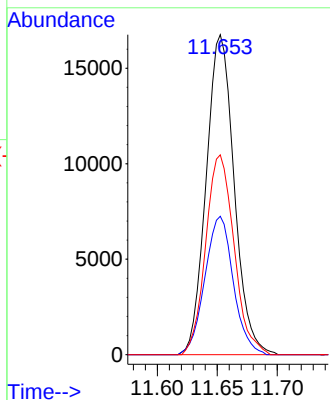
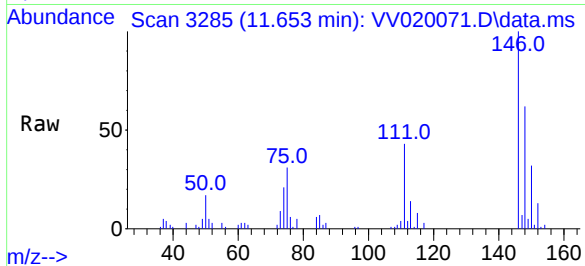




#65
1,2-Dichlorobenzene
Concen: 4.89 ug/L
RT: 11.653 min Scan# 3285
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

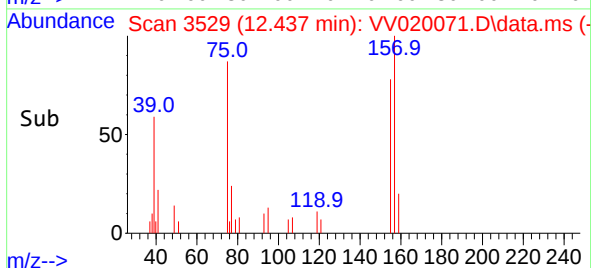
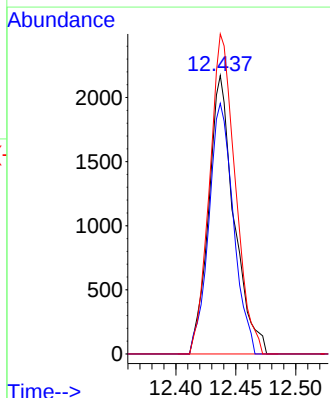
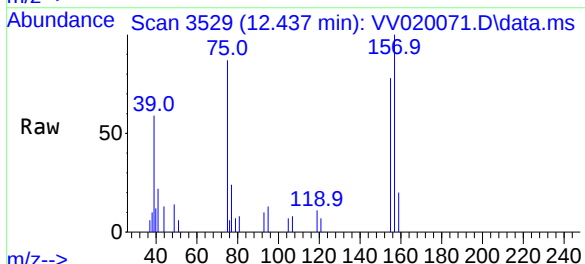
Instrument :
MSVOA_V
ClientSampled :

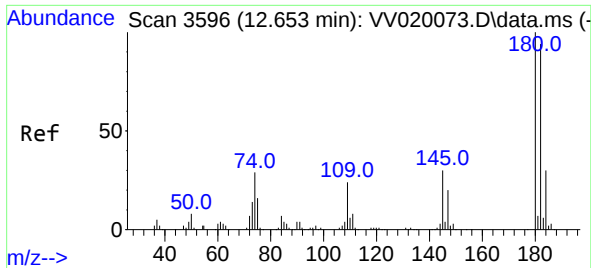
Tgt Ion:146 Resp: 27252
Ion Ratio Lower Upper
146 100
111 43.2 36.3 54.5
148 62.5 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 3.41 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

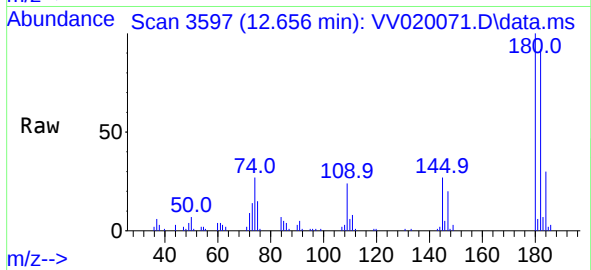
Tgt Ion: 75 Resp: 3194
Ion Ratio Lower Upper
75 100
155 90.1 59.1 88.7#
157 115.0 75.4 113.0#



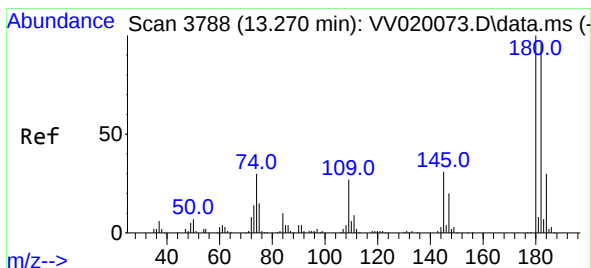
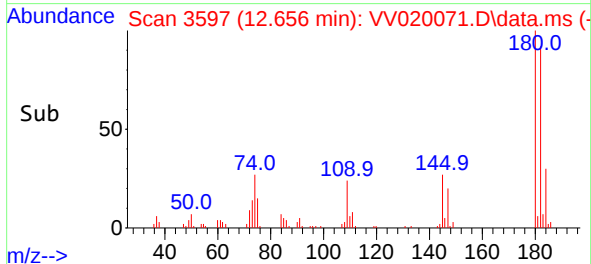
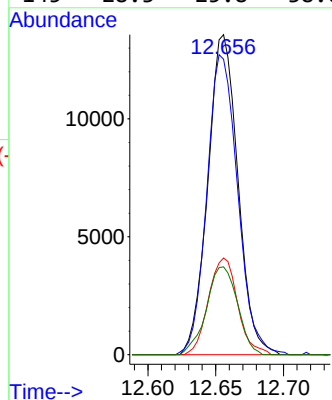


#67
1,3,5-Trichlorobenzene
Concen: 4.99 ug/L
RT: 12.656 min Scan# 3597
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

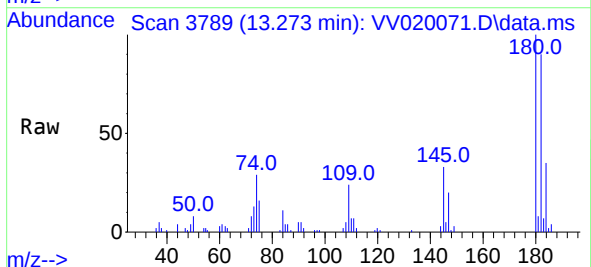
Instrument :
MSVOA_V
ClientSampled :



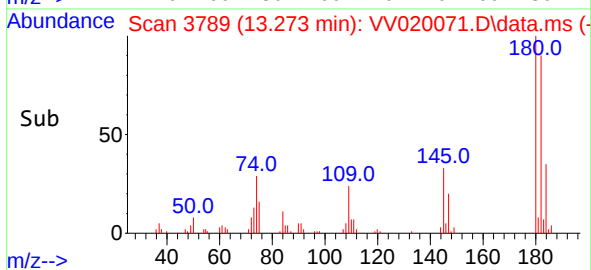
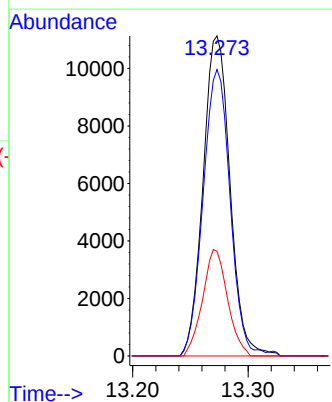
Tgt Ion:180 Resp: 20968
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
184 29.3 24.0 36.0
145 28.3 25.8 38.6

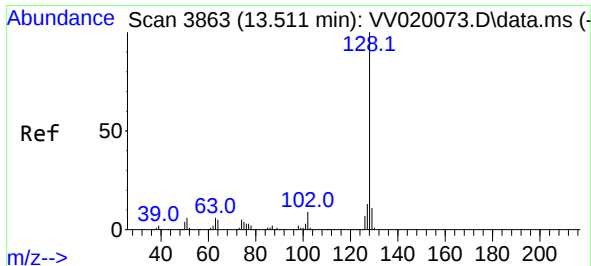


#68
1,2,4-trichlorobenzene
Concen: 4.84 ug/L
RT: 13.273 min Scan# 3789
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24



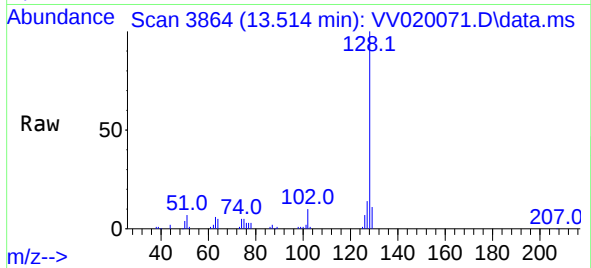
Tgt Ion:180 Resp: 18053
Ion Ratio Lower Upper
180 100
182 89.5 75.1 112.7
145 30.8 26.8 40.2





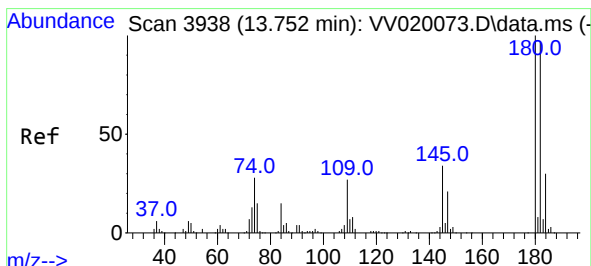
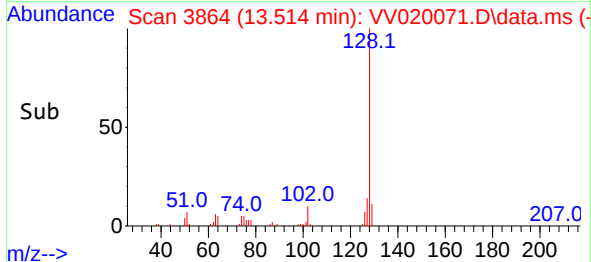
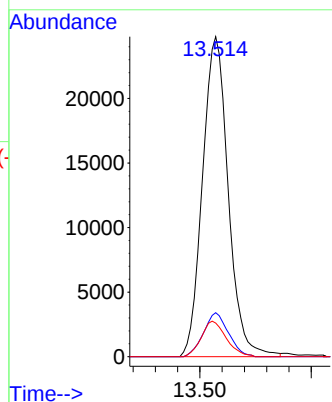
#69
Naphthalene
Concen: 3.76 ug/L
RT: 13.514 min Scan# 3864
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:128 Resp: 39716

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.8	8.6	13.0



#70
1,2,3-Trichlorobenzene
Concen: 4.38 ug/L
RT: 13.755 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VV020071.D
Acq: 20 Jan 2021 12:24

Tgt Ion:180 Resp: 15816

Ion	Ratio	Lower	Upper
180	100		
182	106.3	76.1	114.1
145	34.3	27.9	41.9

