

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032321\
 Data File : VW020720.D
 Acq On : 23 Mar 2021 19:01
 Operator : SY/MD
 Sample : VBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK79

Quant Time: Mar 24 04:55:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 04:46:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.641	114	392	50.00	ug/L	# 0.02
28) Chlorobenzene-d5	8.869	117	1438	50.00	ug/L	# 0.01
60) 1,4-Dichlorobenzene-d4	11.262	152	1768	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	1654	594.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 1188.66%#			
7) Chloroethane-d5	1.571	69	473	224.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 449.62%#			
11) 1,1-Dichloroethene-d2	2.111	63	2981	567.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 1135.48%#			
21) 2-Butanone-d5	3.924	46	54	29.82	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 29.82%#			
24) Chloroform-d	4.355	84	604	109.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 218.38%#			
26) 1,2-Dichloroethane-d4	5.063	65	450	123.50	ug/L	0.03
Spiked Amount 50.000	Range 70 - 125		Recovery = 247.00%#			
32) Benzene-d6	5.053	84	395	10.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 20.62%#			
36) 1,2-Dichloropropane-d6	6.072	67	150	12.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 25.50%#			
41) Toluene-d8	7.333	98	1819	50.98	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.96%			
43) trans-1,3-Dichloroprop...	7.641	79	344	54.94	ug/L	0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.88%			
47) 2-Hexanone-d5	8.104	63	48	9.73	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 9.73%#			
57) 1,1,2,2-Tetrachloroeth...	10.223	84	1883	109.85	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 219.70%#			
64) 1,2-Dichlorobenzene-d4	11.635	152	4029	117.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 234.84%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2264	616.43	ug/L	89
3) Chloromethane	1.243	50	1441	491.48	ug/L	93
5) Vinyl chloride	1.313	62	1462	488.16	ug/L	83
6) Bromomethane	1.526	94	2130	1128.08	ug/L	87
8) Chloroethane	1.484	64	43	24.85	ug/L	85
9) Trichlorofluoromethane	1.757	101	1828	357.08	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	1827	742.52	ug/L #	90
12) 1,1-Dichloroethene	2.124	96	1520	664.45	ug/L #	61
13) Acetone	2.191	43	1735	1343.76	ug/L	83
14) Carbon disulfide	2.297	76	23839	3151.43	ug/L #	94
15) Methyl Acetate	2.429	43	71	26.34	ug/L #	53
16) Methylene chloride	2.510	84	20636	7396.97	ug/L	89
17) trans-1,2-Dichloroethene	2.770	96	3149	1200.45	ug/L	85
18) Methyl tert-butyl Ether	2.780	73	250	30.74	ug/L #	85
19) 1,1-Dichloroethane	3.191	63	274	56.22	ug/L #	72
20) cis-1,2-Dichloroethene	3.924	96	483	172.09	ug/L	70
22) 2-Butanone	3.937	43	152	80.43	ug/L	79
23) Bromochloromethane	4.236	128	48	31.77	ug/L #	1
25) Chloroform	4.365	83	96	18.52	ug/L	85
27) 1,2-Dichloroethane	5.149	62	464	112.05	ug/L #	76

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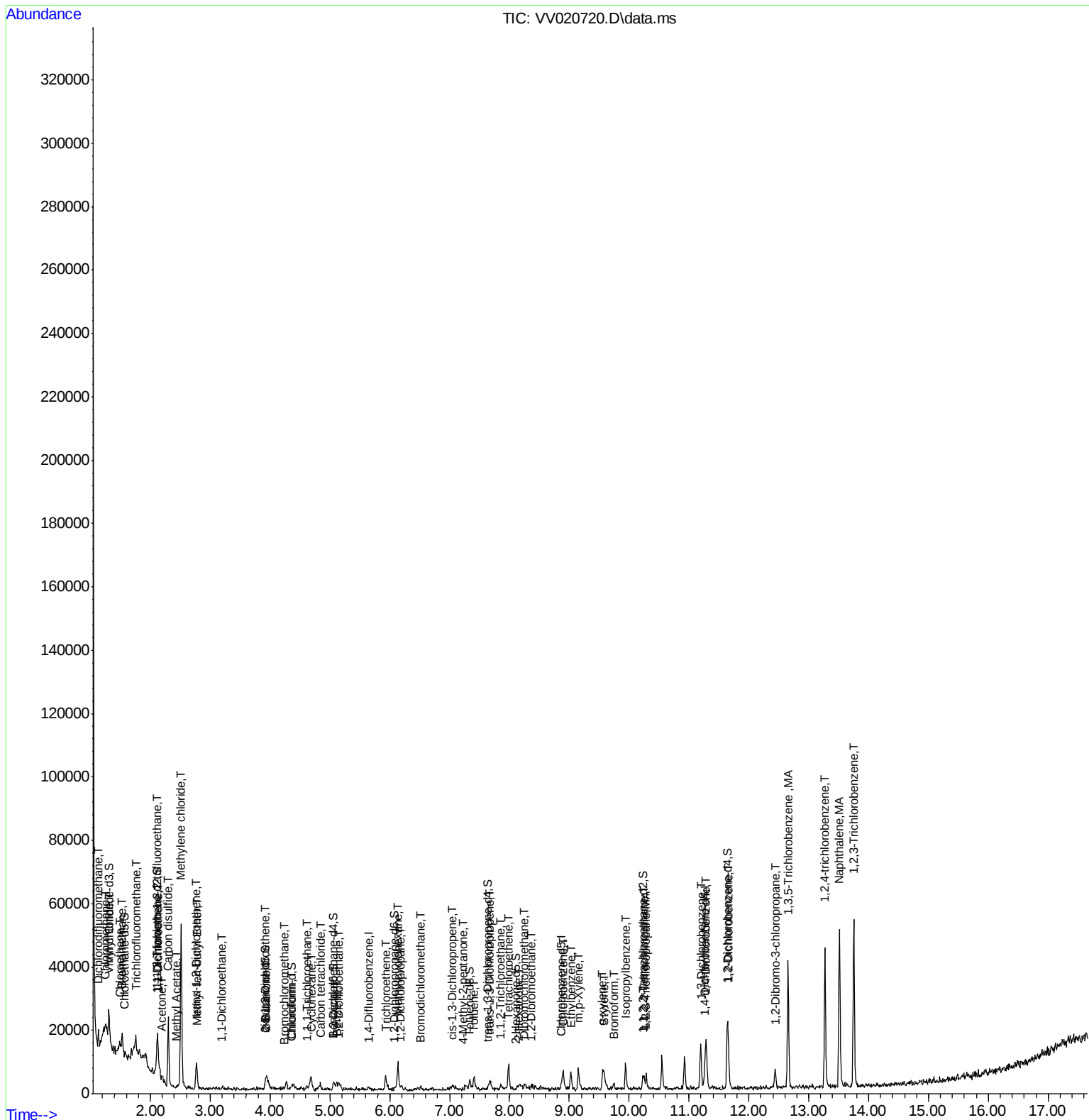
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 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 04:46:49 2021
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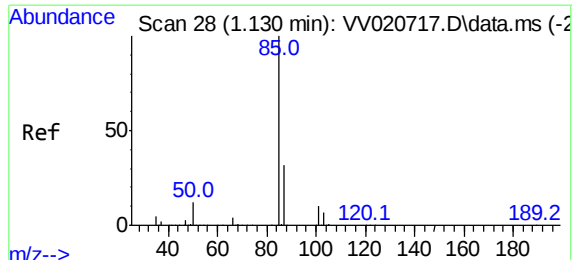
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.686	56	2070	127.27	ug/L #	75
30) 1,1,1-Trichloroethane	4.616	97	640	35.99	ug/L #	63
31) Carbon tetrachloride	4.837	117	329	20.71	ug/L #	1
33) Benzene	5.117	78	2067	52.12	ug/L	100
34) Trichloroethene	5.931	95	1584	145.69	ug/L #	79
35) Methylcyclohexane	6.136	83	2813	168.62	ug/L	92
37) 1,2-Dichloropropane	6.178	63	238	22.88	ug/L #	86
38) Bromodichloromethane	6.516	83	198	13.56	ug/L #	42
39) cis-1,3-Dichloropropene	7.050	75	486	30.27	ug/L #	82
40) 4-Methyl-2-pentanone	7.233	43	34	2.44	ug/L #	43
42) Toluene	7.410	91	2130	49.41	ug/L	88
44) trans-1,3-Dichloropropene	7.670	75	473	29.25	ug/L	89
45) 1,1,2-Trichloroethane	7.850	97	518	50.62	ug/L #	69
46) Tetrachloroethene	7.985	164	1936	213.32	ug/L	77
48) 2-Hexanone	8.152	43	92	8.64	ug/L #	1
49) Dibromochloromethane	8.249	129	189	15.86	ug/L	90
50) 1,2-Dibromoethane	8.361	107	718	65.52	ug/L #	55
51) Chlorobenzene	8.902	112	3443	118.98	ug/L #	87
52) Ethylbenzene	9.027	91	4371	88.85	ug/L	84
53) m,p-Xylene	9.152	106	2259	123.45	ug/L	72
54) o-xylene	9.554	106	919	52.11	ug/L	81
55) Styrene	9.577	104	2414	77.90	ug/L	96
56) Isopropylbenzene	9.940	105	5000	102.95	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.249	83	1746	104.61	ug/L #	85
59) 1,2,3-Trichloropropane	10.281	75	1782	131.20	ug/L	98
61) Bromoform	9.741	173	783	39.01	ug/L #	87
62) 1,3-Dichlorobenzene	11.194	146	5864	108.69	ug/L	94
63) 1,4-Dichlorobenzene	11.284	146	6757	120.42	ug/L	95
65) 1,2-Dichlorobenzene	11.651	146	6415	120.65	ug/L #	89
66) 1,2-Dibromo-3-chloropr...	12.442	75	1576	175.31	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.654	180	12005	287.05	ug/L	93
68) 1,2,4-trichlorobenzene	13.271	180	13889	391.68	ug/L	98
69) Naphthalene	13.512	128	39433	388.51	ug/L	99
70) 1,2,3-Trichlorobenzene	13.754	180	16996	478.62	ug/L	98

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

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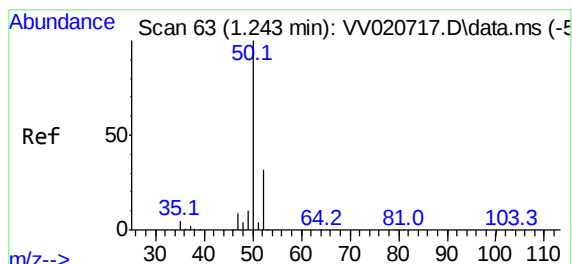
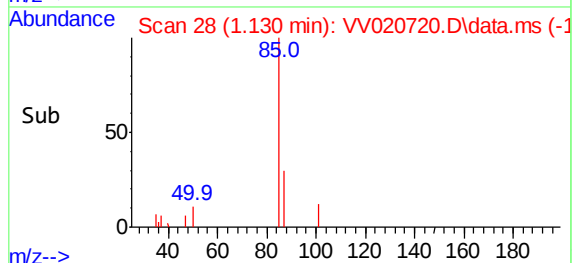
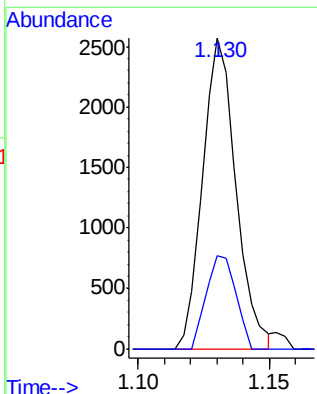
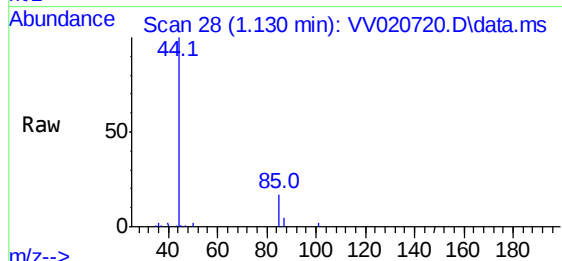


#2

Dichlorodifluoromethane
Concen: 616.43 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

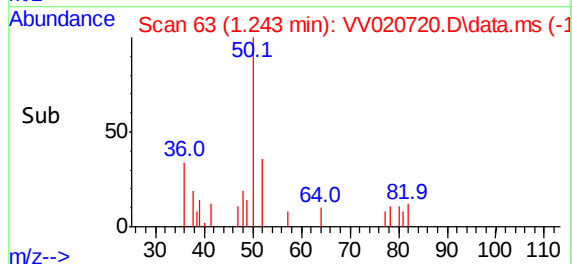
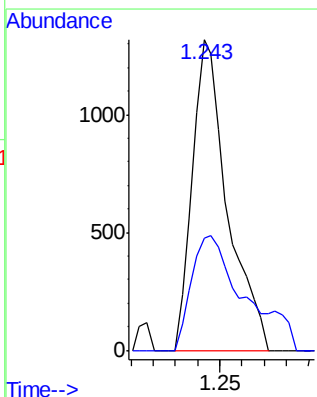
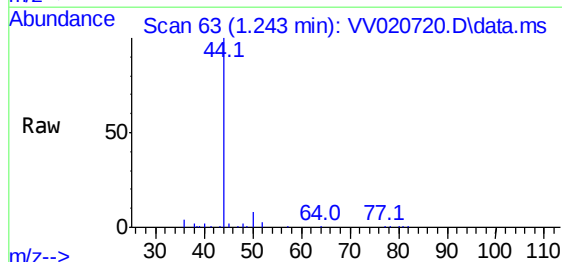
Tgt Ion: 85 Resp: 2264
Ion Ratio Lower Upper
85 100
87 26.6 26.3 39.5

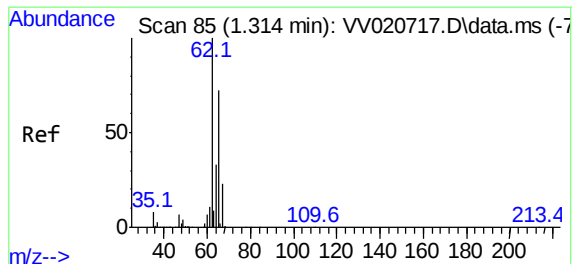


#3

Chloromethane
Concen: 491.48 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 50 Resp: 1441
Ion Ratio Lower Upper
50 100
52 36.1 22.7 42.1



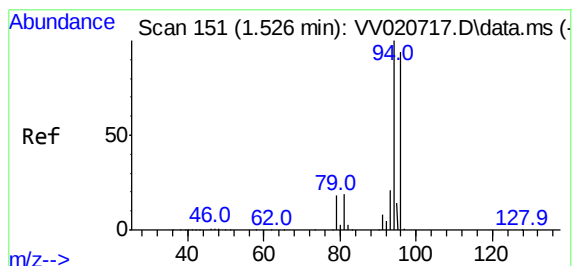
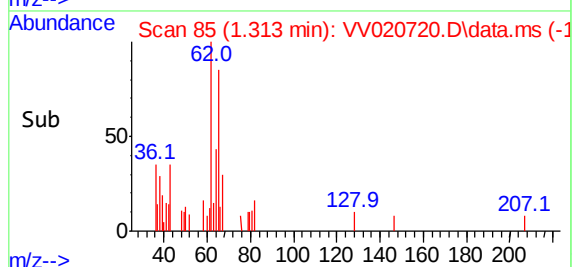
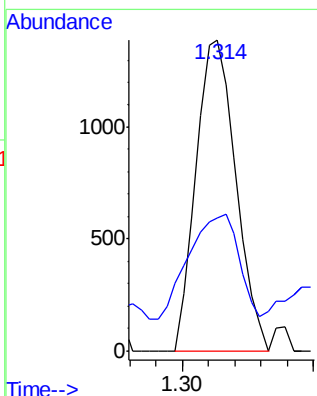
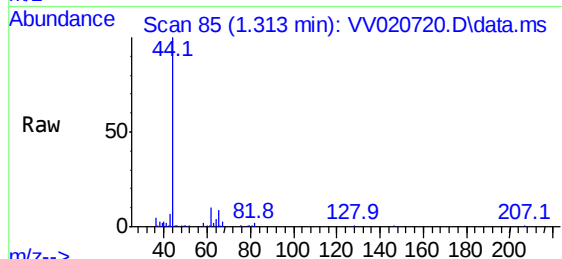


#5
 Vinyl chloride
 Concen: 488.16 ug/L
 RT: 1.313 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020720.D
 Acq: 23 Mar 2021 19:01

Instrument :
 MSVOA_V
 ClientSampled :
 VBLK79

Tgt Ion: 62 Resp: 1462

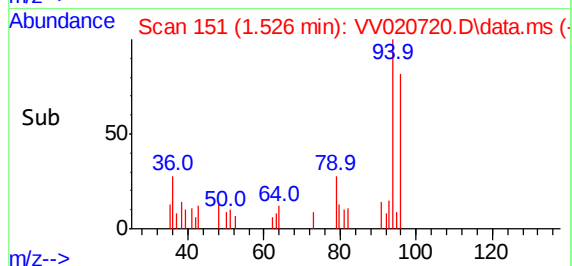
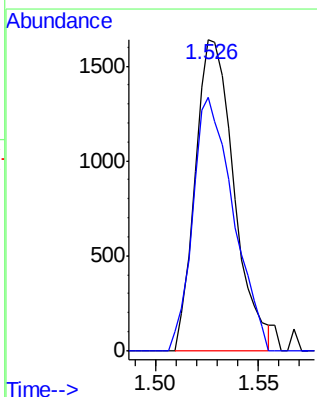
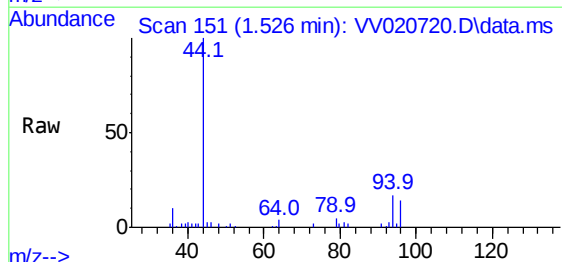
Ion	Ratio	Lower	Upper
62	100		
64	42.8	23.3	43.3

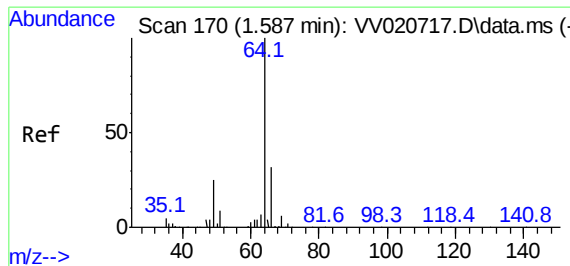


#6
 Bromomethane
 Concen: 1128.08 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV020720.D
 Acq: 23 Mar 2021 19:01

Tgt Ion: 94 Resp: 2130

Ion	Ratio	Lower	Upper
94	100		
96	81.6	65.6	121.8

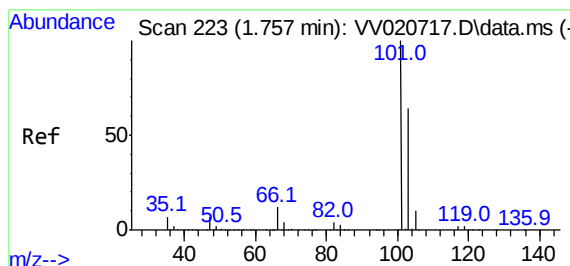
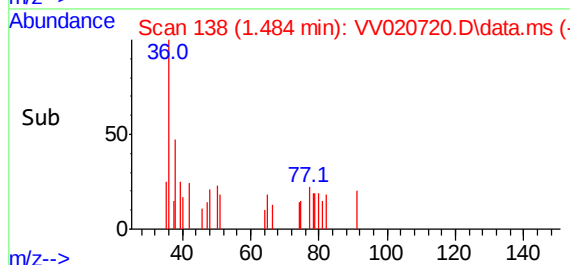
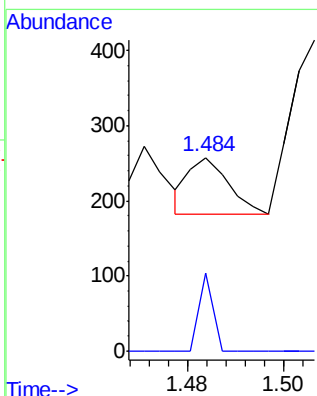
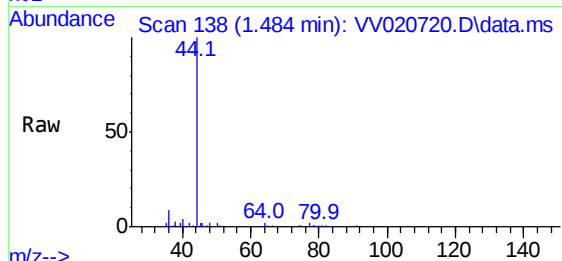




#8
Chloroethane
Concen: 24.85 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.103 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

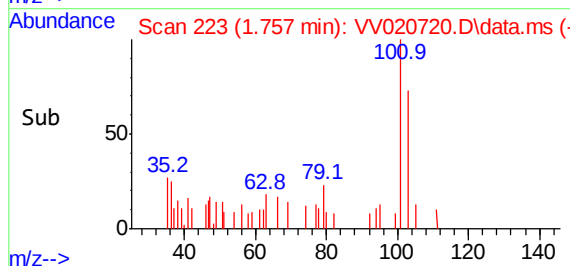
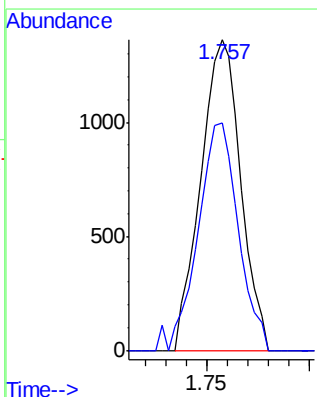
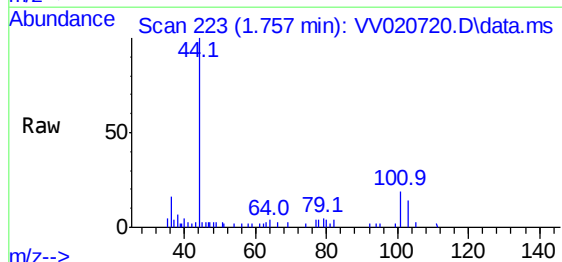
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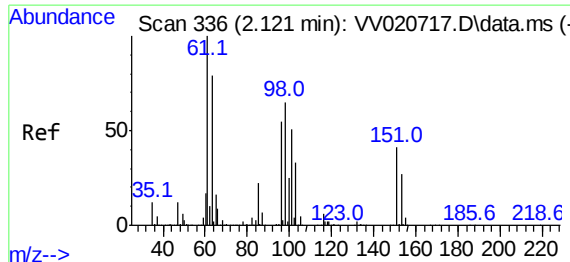
Tgt Ion: 64 Resp: 43
Ion Ratio Lower Upper
64 100
66 40.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 357.08 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 101 Resp: 1828
Ion Ratio Lower Upper
101 100
103 72.9 51.2 76.8

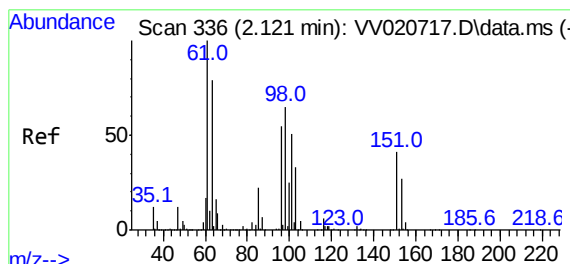
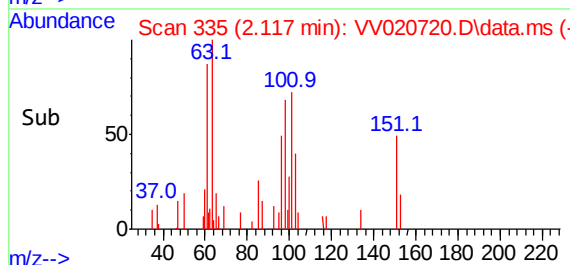
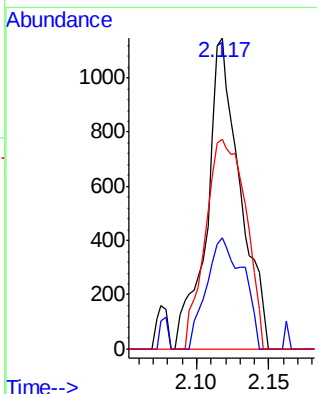
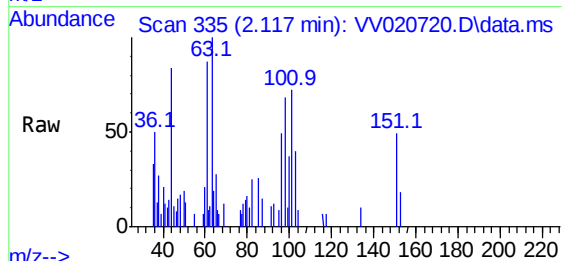




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 742.52 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

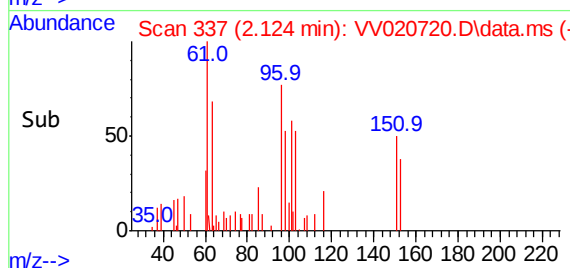
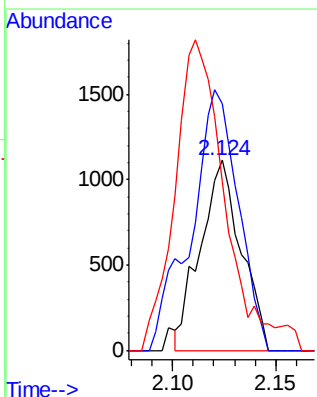
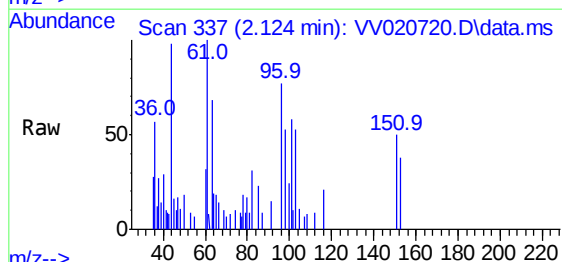
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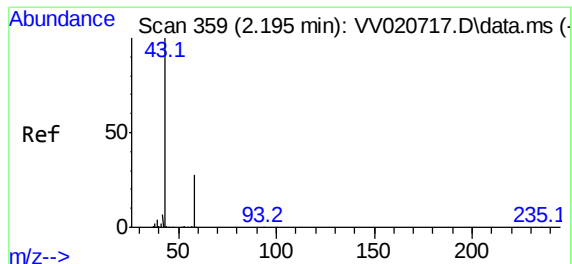
Tgt Ion:101 Resp: 1827
Ion Ratio Lower Upper
101 100
85 29.5 35.4 53.0#
151 82.3 63.5 95.3



#12
1,1-Dichloroethene
Concen: 664.45 ug/L
RT: 2.124 min Scan# 337
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 96 Resp: 1520
Ion Ratio Lower Upper
96 100
61 129.9 126.3 234.6
63 88.9 100.2 186.2#

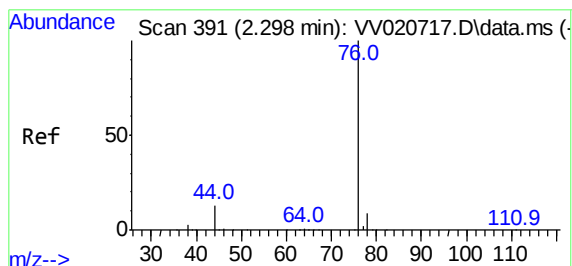
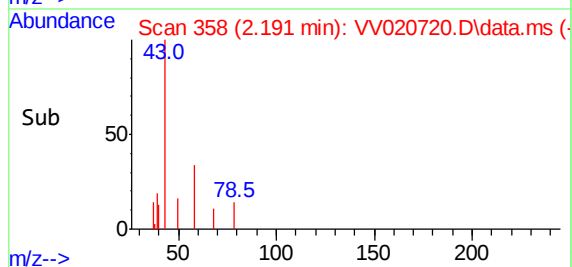
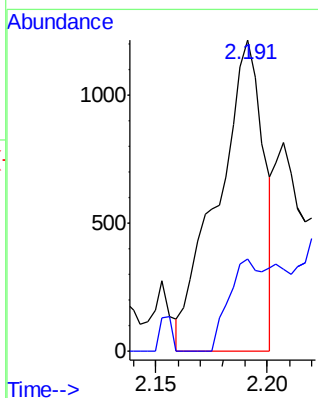
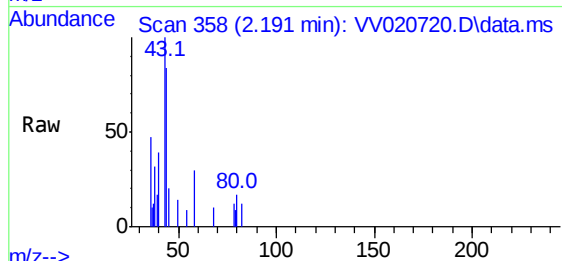




#13
Acetone
Concen: 1343.76 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

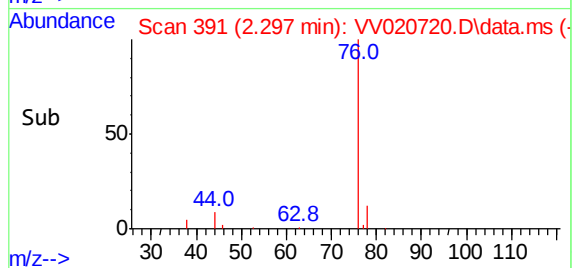
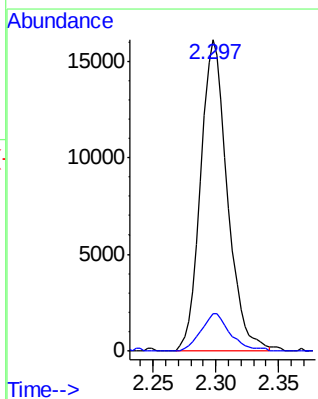
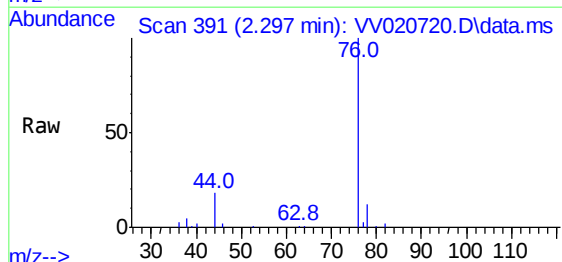
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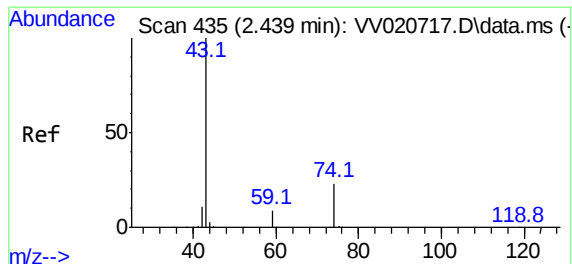
Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 20.9 0.0 60.8



#14
Carbon disulfide
Concen: 3151.43 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 76 Resp: 23839
Ion Ratio Lower Upper
76 100
78 11.7 7.5 11.3#

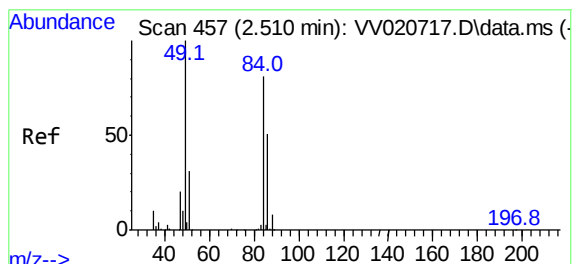
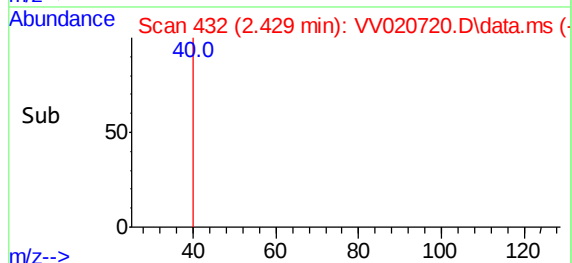
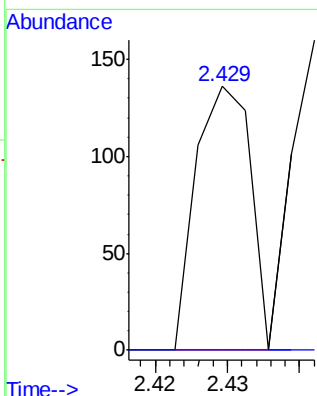
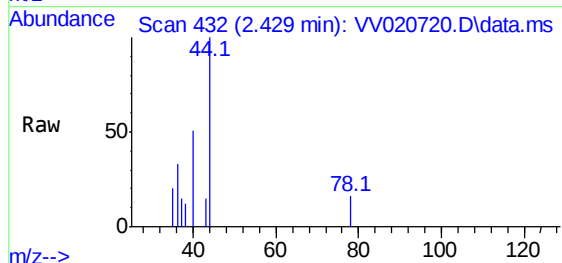




#15
Methyl Acetate
Concen: 26.34 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.010 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

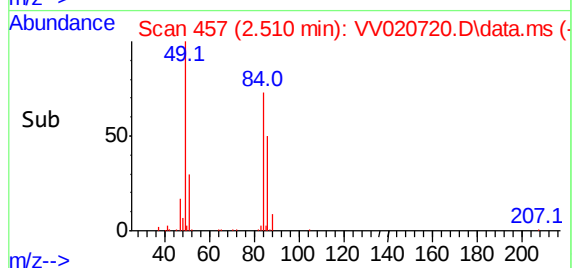
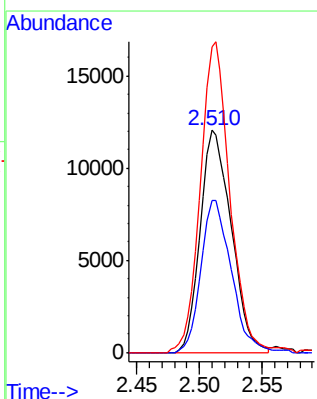
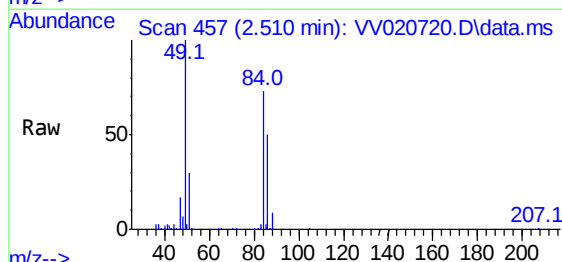
Instrument :
MSVOA_V
ClientSampleId :
VBLK79

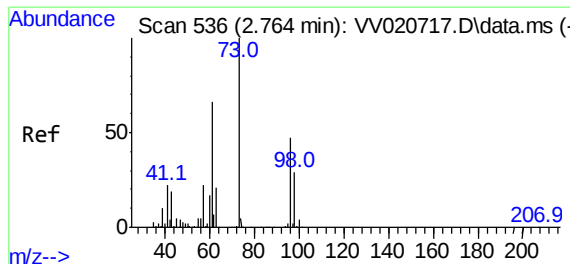
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
74 0.0 18.4 27.6#



#16
Methylene chloride
Concen: 7396.97 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 84 Resp: 20636
Ion Ratio Lower Upper
84 100
86 68.3 43.9 81.5
49 137.6 86.3 160.3

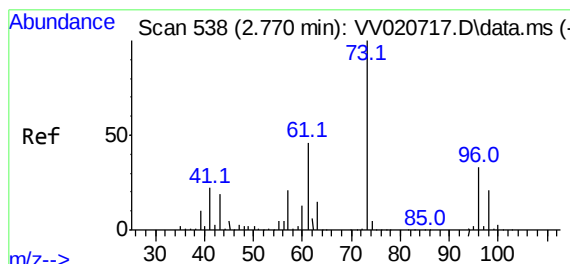
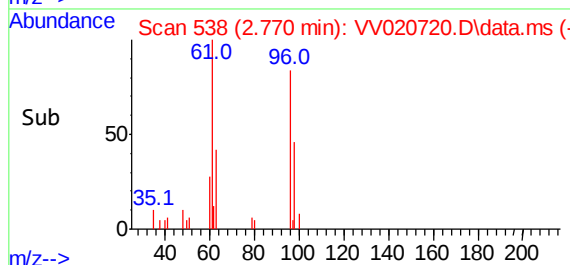
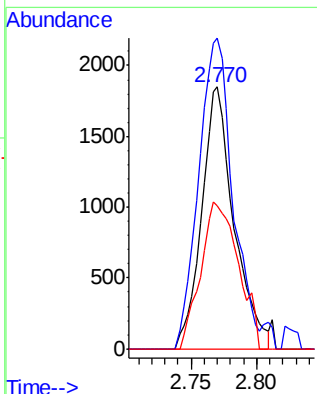
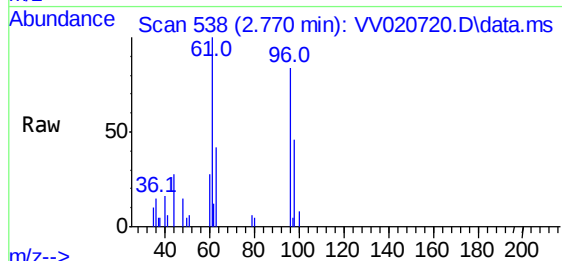




#17
trans-1,2-Dichloroethene
Concen: 1200.45 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

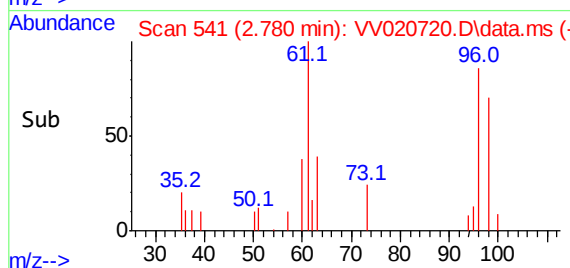
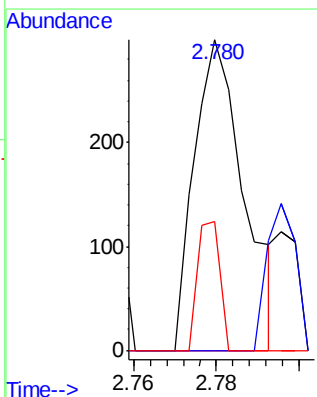
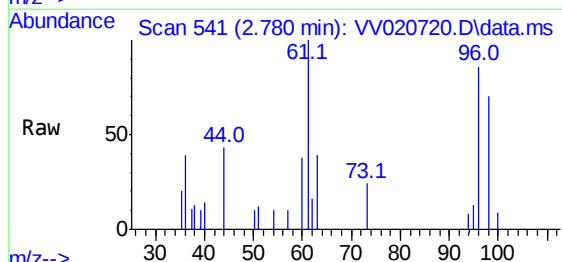
Instrument :
MSVOA_V
ClientSampled :
VBLK79

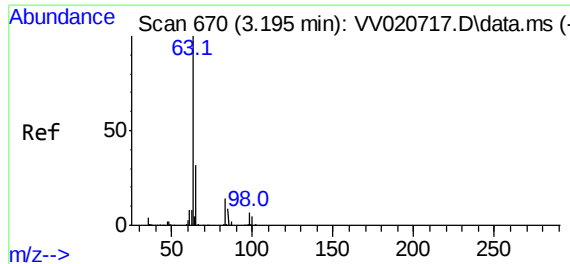
Tgt Ion: 96 Resp: 3149
Ion Ratio Lower Upper
96 100
61 118.7 97.9 181.9
98 54.6 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 30.74 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.009 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 73 Resp: 250
Ion Ratio Lower Upper
73 100
43 30.4 15.4 23.0#
57 18.8 17.0 25.6

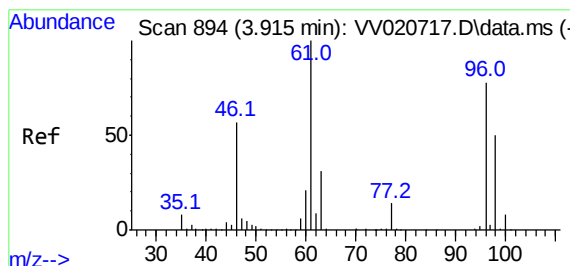
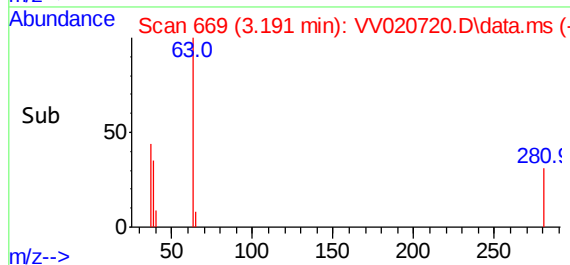
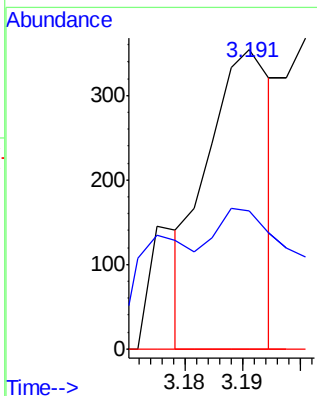
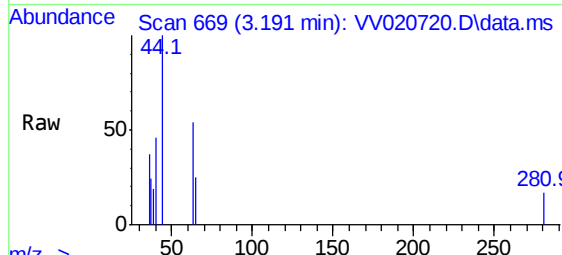




#19
1,1-Dichloroethane
Concen: 56.22 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

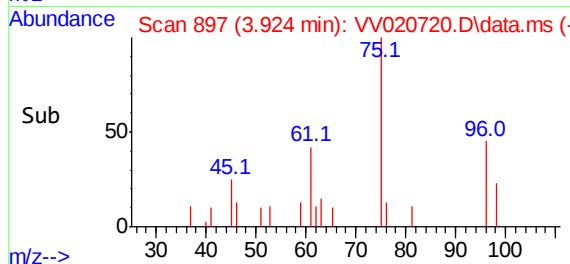
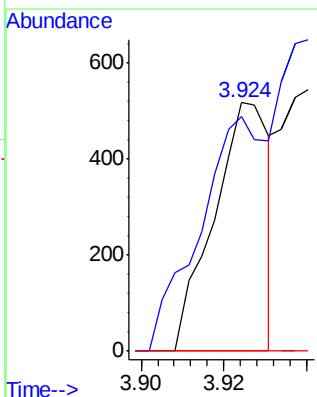
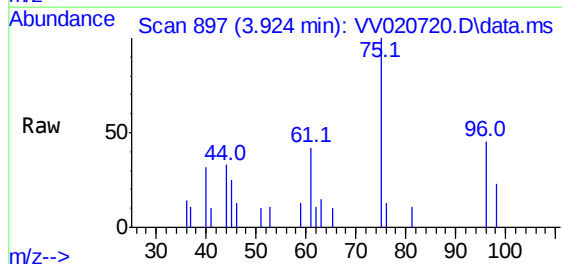
Instrument :
MSVOA_V
ClientSampled :
VBLK79

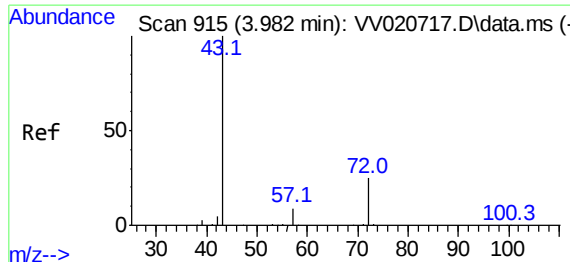
Tgt Ion: 63 Resp: 274
Ion Ratio Lower Upper
63 100
65 46.3 22.5 41.9#
83 0.0 9.7 17.9#



#20
cis-1,2-Dichloroethene
Concen: 172.09 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.009 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 96 Resp: 483
Ion Ratio Lower Upper
96 100
61 94.2 89.9 167.0
68 0.0 0.0 0.0

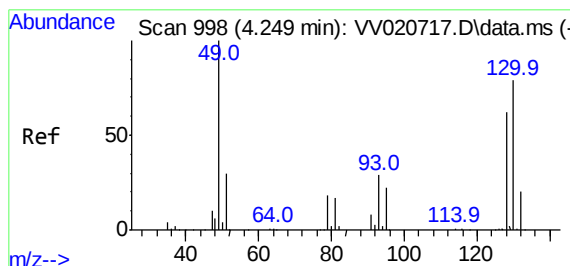
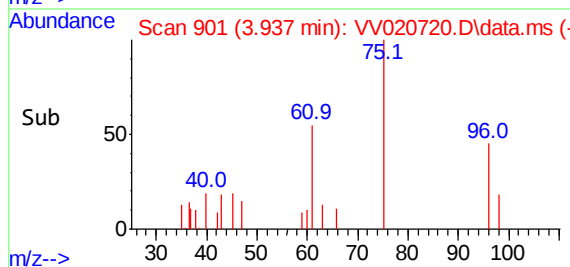
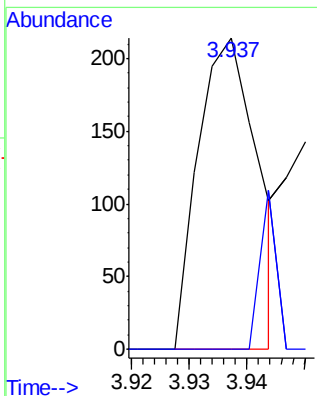
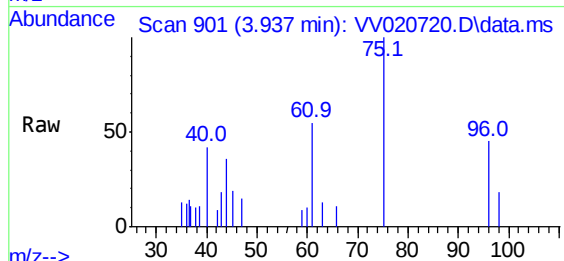




#22
2-Butanone
Concen: 80.43 ug/L
RT: 3.937 min Scan# 901
Delta R.T. -0.045 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

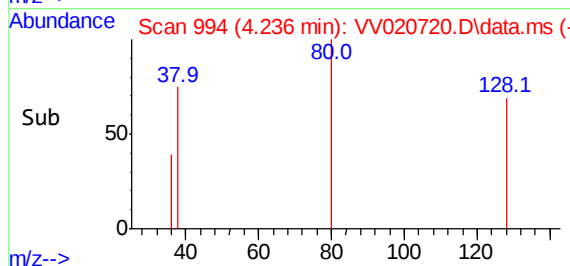
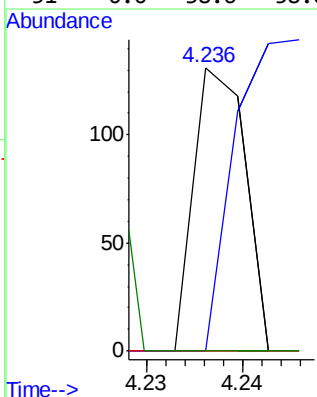
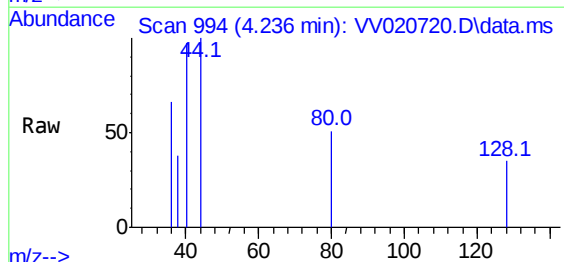
Instrument :
MSVOA_V
ClientSampled :
VBLK79

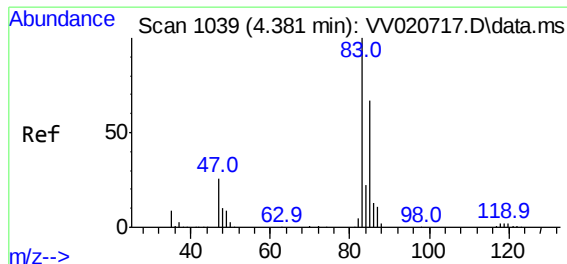
Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
72 34.2 11.9 35.9



#23
Bromochloromethane
Concen: 31.77 ug/L
RT: 4.236 min Scan# 994
Delta R.T. -0.013 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 128 Resp: 48
Ion Ratio Lower Upper
128 100
49 0.0 113.3 210.3#
130 0.0 88.7 164.7#
51 0.0 38.6 58.0#

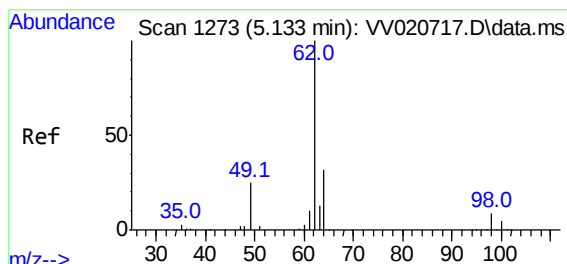
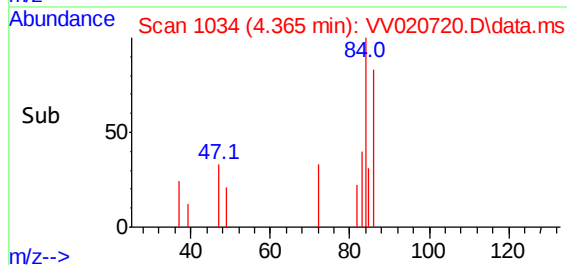
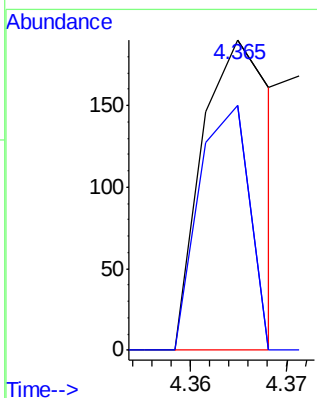
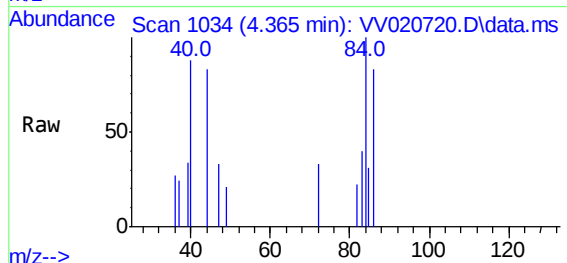




#25
Chloroform
Concen: 18.52 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.016 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

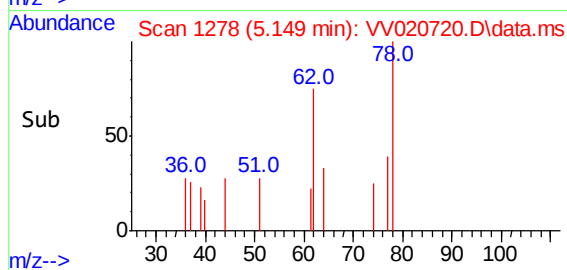
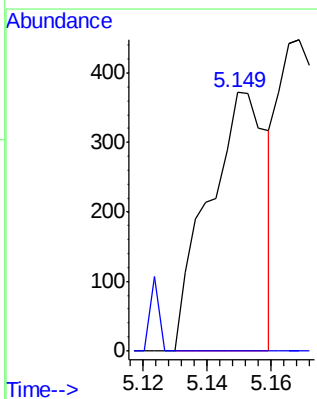
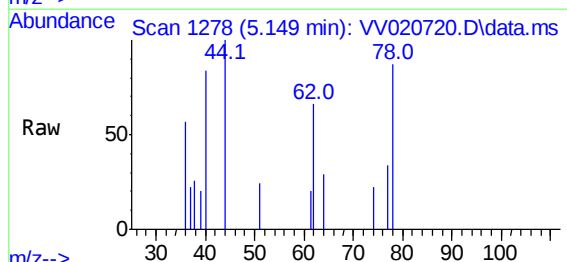
Instrument :
MSVOA_V
ClientSampled :
VBLK79

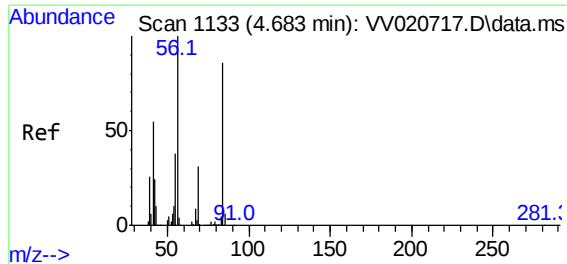
Tgt Ion: 83 Resp: 96
Ion Ratio Lower Upper
83 100
85 78.9 46.7 86.7



#27
1,2-Dichloroethane
Concen: 112.05 ug/L
RT: 5.149 min Scan# 1278
Delta R.T. 0.016 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 62 Resp: 464
Ion Ratio Lower Upper
62 100
98 0.0 6.8 10.2#

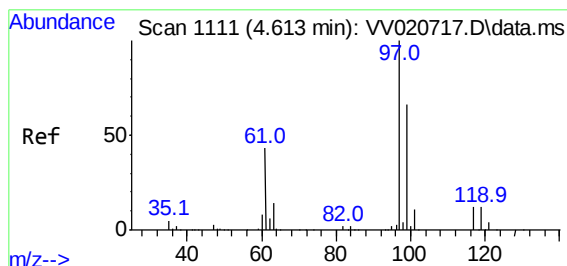
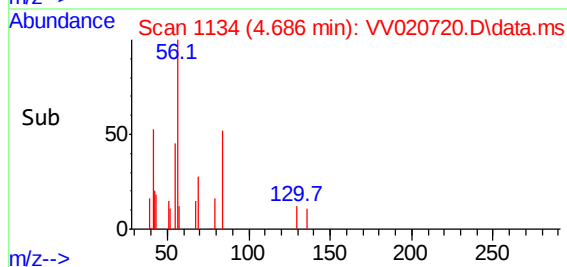
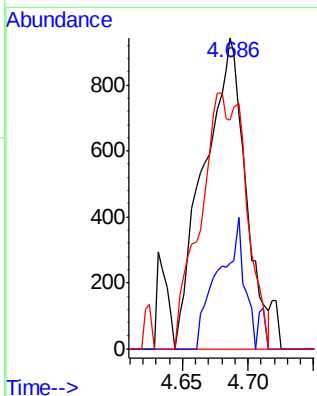
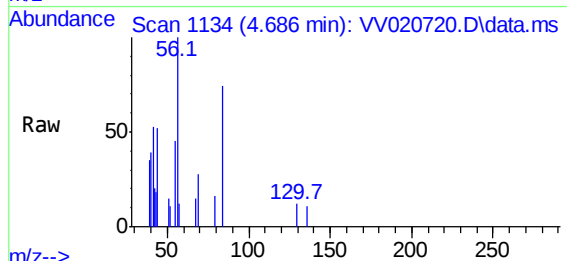




#29
Cyclohexane
Concen: 127.27 ug/L
RT: 4.686 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

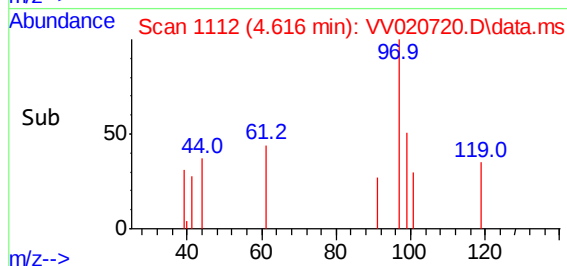
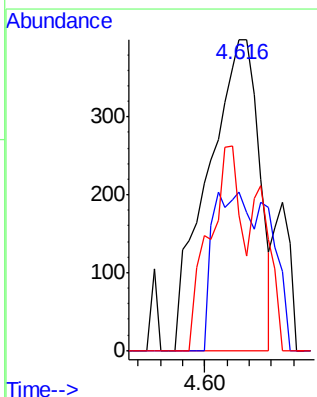
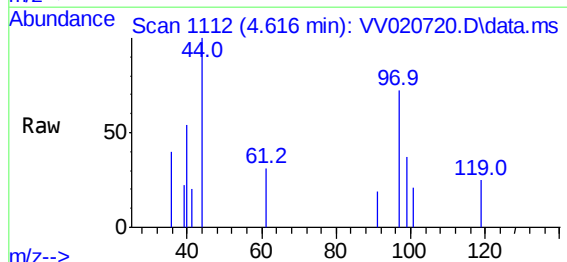
Instrument :
MSVOA_V
ClientSampled :
VBLK79

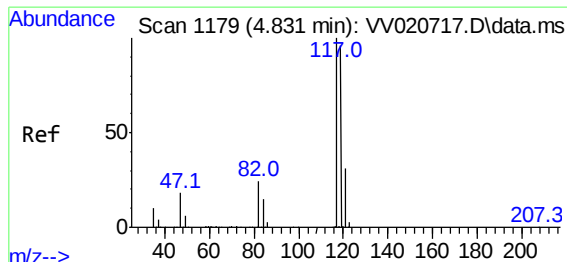
Tgt Ion: 56 Resp: 2070
Ion Ratio Lower Upper
56 100
69 25.9 24.4 36.6
84 59.3 69.9 104.9#



#30
1,1,1-Trichloroethane
Concen: 35.99 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 97 Resp: 640
Ion Ratio Lower Upper
97 100
99 16.6 51.4 77.2#
61 41.7 33.9 50.9

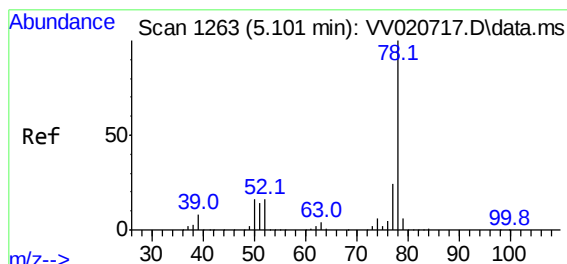
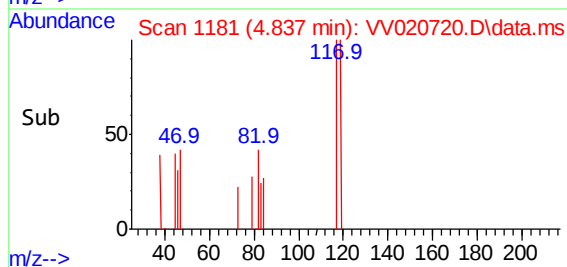
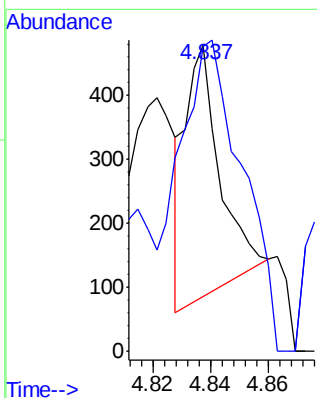
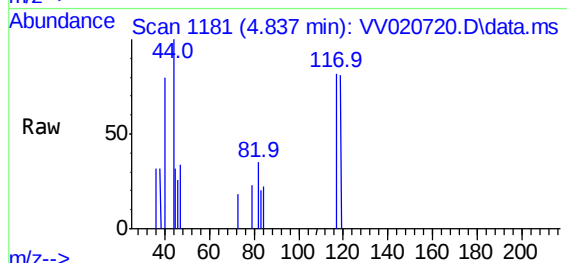




#31
Carbon tetrachloride
Concen: 20.71 ug/L
RT: 4.837 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

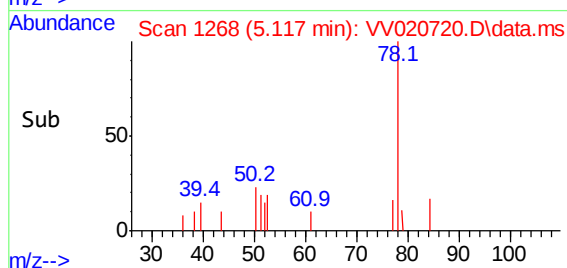
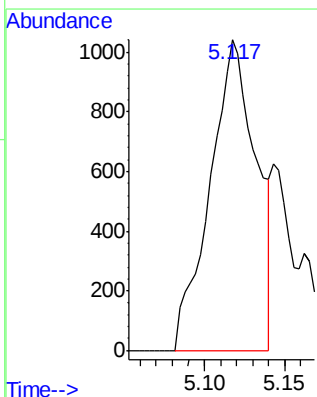
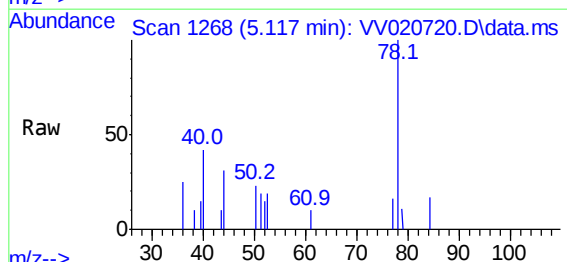
Instrument :
MSVOA_V
ClientSampled :
VBLK79

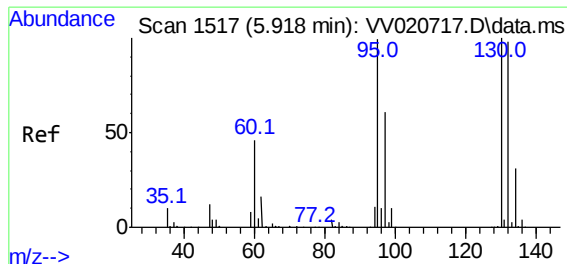
Tgt Ion:117 Resp: 329
Ion Ratio Lower Upper
117 100
119 223.7 76.9 115.3#



#33
Benzene
Concen: 52.12 ug/L
RT: 5.117 min Scan# 1268
Delta R.T. 0.016 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 78 Resp: 2067



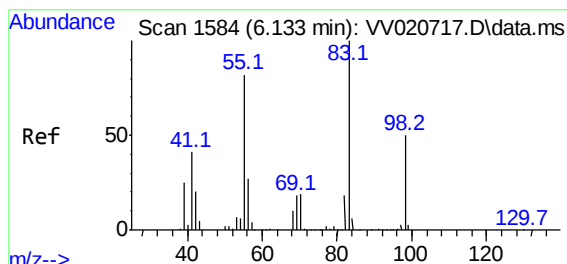
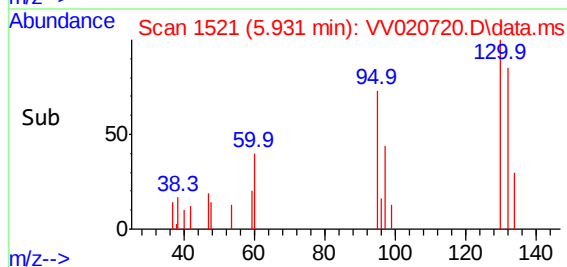
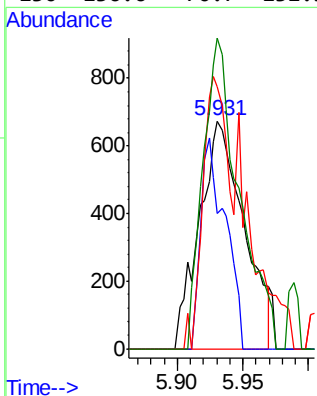
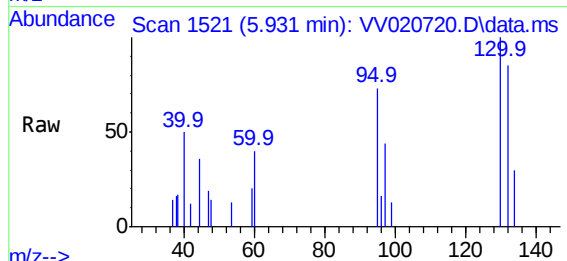


#34
Trichloroethene
Concen: 145.69 ug/L
RT: 5.931 min Scan# 1521
Delta R.T. 0.013 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tgt Ion: 95 Resp: 1584

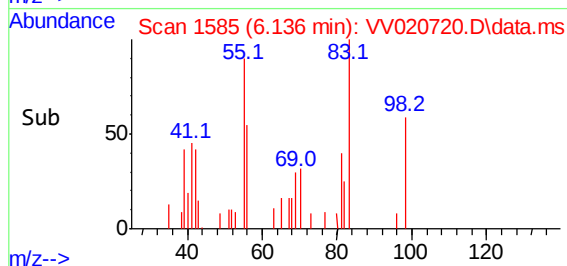
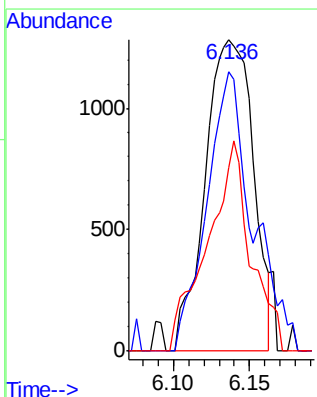
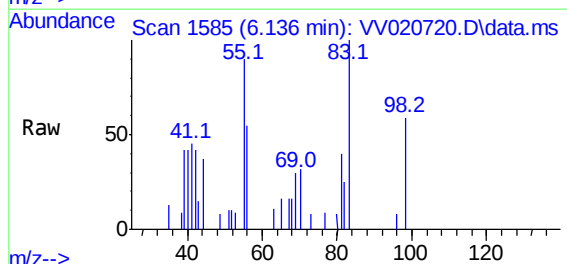
Ion	Ratio	Lower	Upper
95	100		
97	59.6	43.5	80.9
132	115.5	69.5	129.1
130	136.6	70.7	131.3

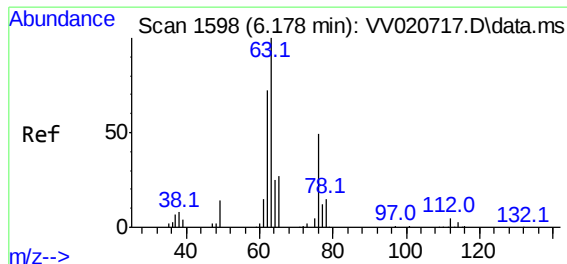


#35
Methylcyclohexane
Concen: 168.62 ug/L
RT: 6.136 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 83 Resp: 2813

Ion	Ratio	Lower	Upper
83	100		
55	69.7	62.7	94.1
98	52.5	38.9	58.3

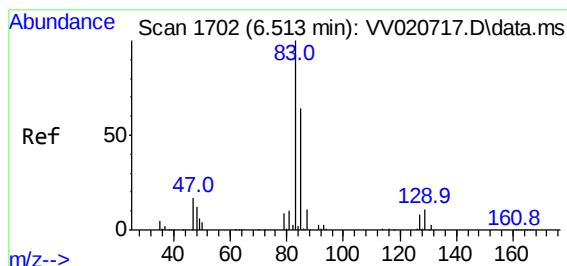
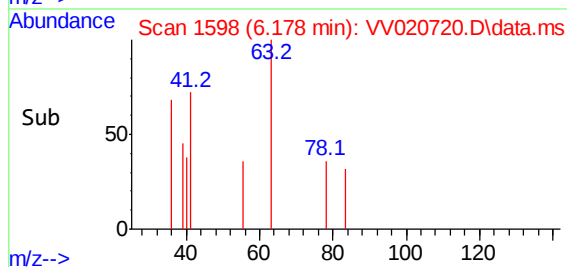
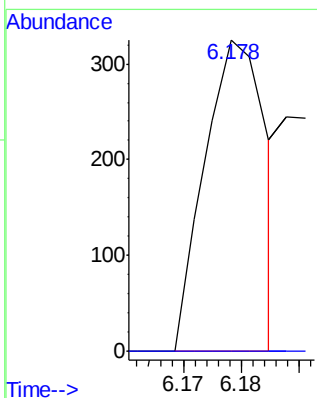
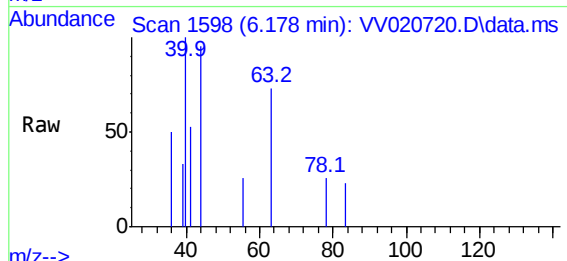




#37
1,2-Dichloropropane
Concen: 22.88 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

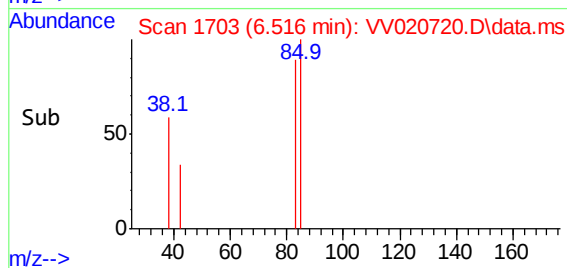
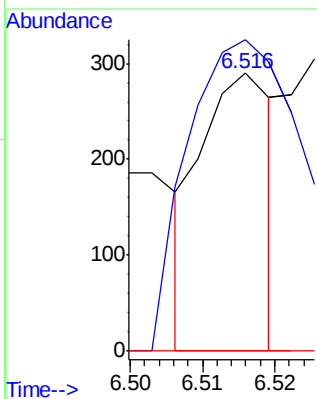
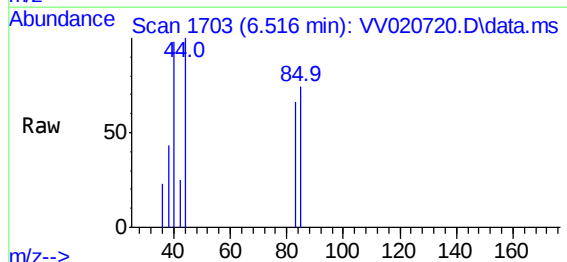
Instrument :
MSVOA_V
ClientSampleId :
VBLK79

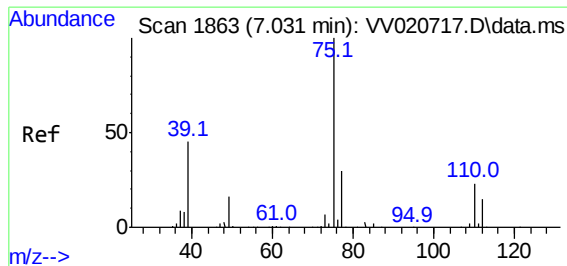
Tgt Ion: 63 Resp: 238
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



#38
Bromodichloromethane
Concen: 13.56 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 83 Resp: 198
Ion Ratio Lower Upper
83 100
85 112.1 44.5 82.7#
127 0.0 6.8 10.2#

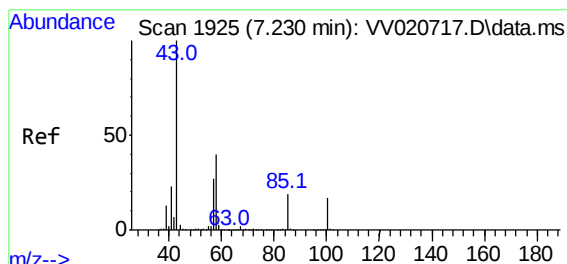
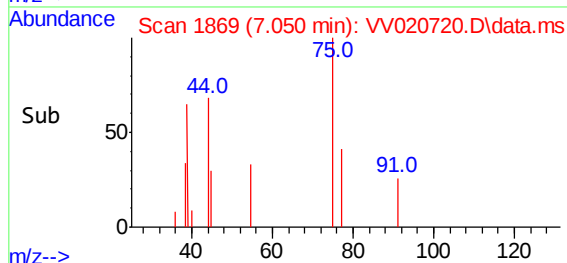
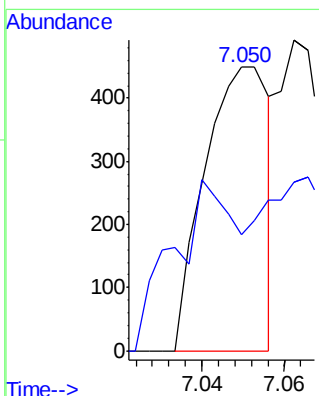
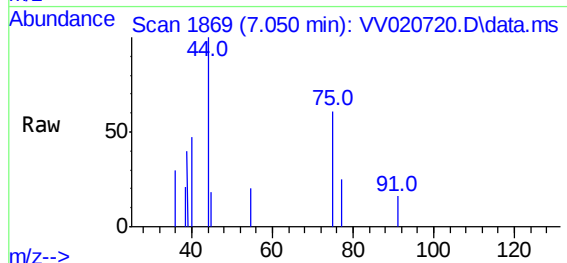




#39
cis-1,3-Dichloropropene
Concen: 30.27 ug/L
RT: 7.050 min Scan# 1869
Delta R.T. 0.019 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

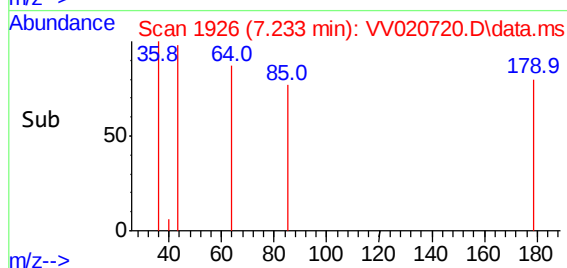
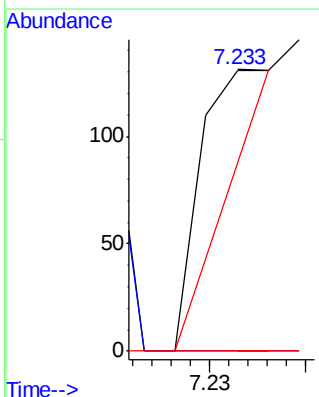
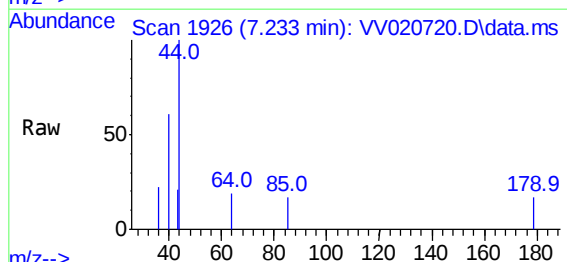
Instrument :
MSVOA_V
ClientSampled :
VBLK79

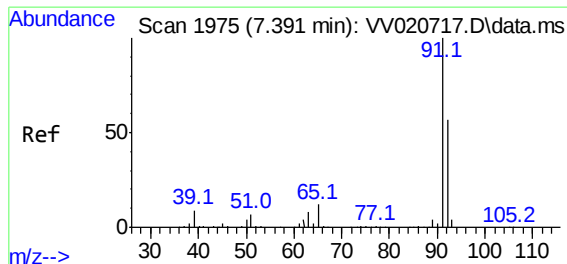
Tgt Ion: 75 Resp: 486
Ion Ratio Lower Upper
75 100
77 40.8 21.7 40.3#



#40
4-Methyl-2-pentanone
Concen: 2.44 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 43 Resp: 34
Ion Ratio Lower Upper
43 100
58 0.0 32.3 48.5#
100 0.0 13.0 19.4#

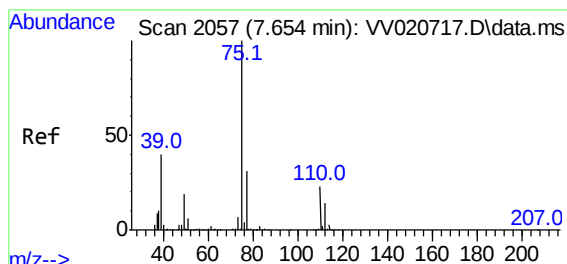
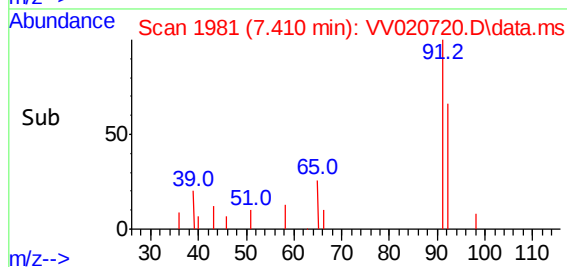
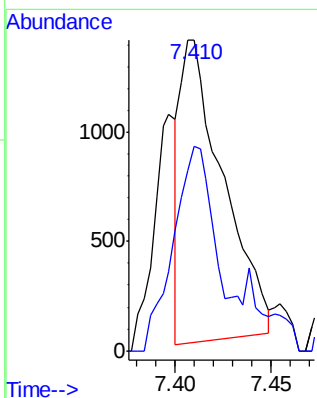
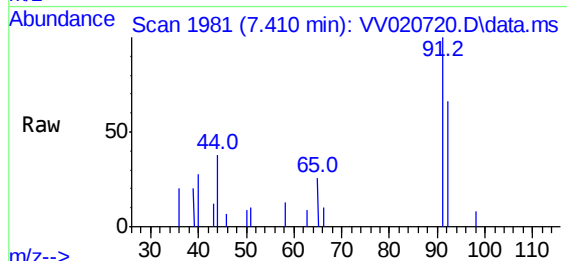




#42
Toluene
Concen: 49.41 ug/L
RT: 7.410 min Scan# 1981
Delta R.T. 0.019 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

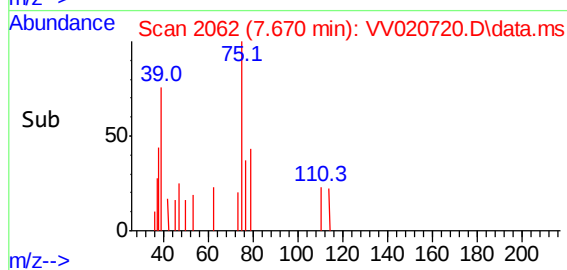
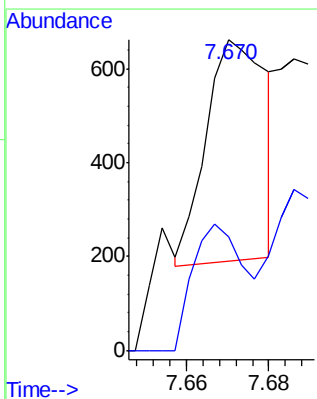
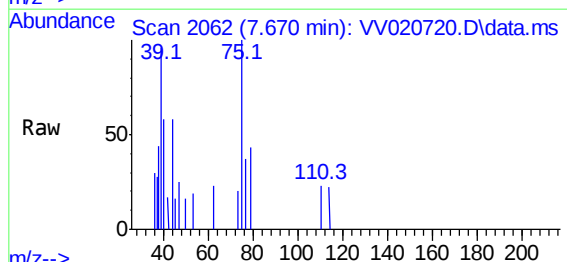
Instrument :
MSVOA_V
ClientSampled :
VBLK79

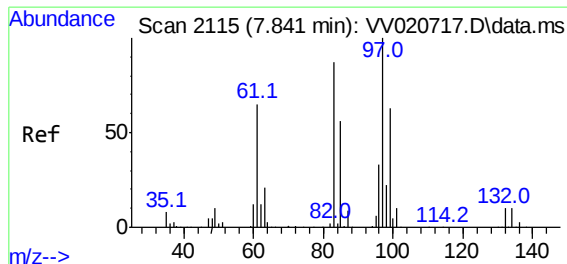
Tgt Ion: 91 Resp: 2130
Ion Ratio Lower Upper
91 100
92 66.0 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 29.25 ug/L
RT: 7.670 min Scan# 2062
Delta R.T. 0.016 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 75 Resp: 473
Ion Ratio Lower Upper
75 100
77 36.7 21.6 40.0



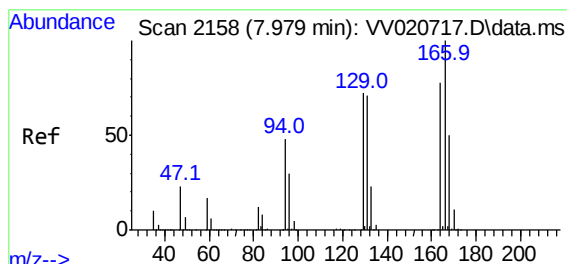
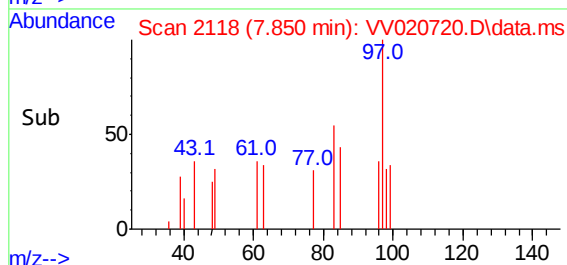
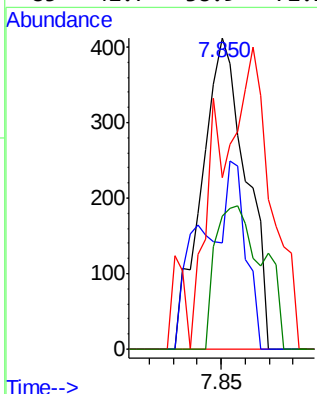
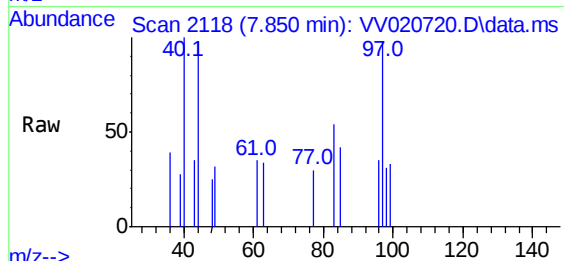


#45
1,1,2-Trichloroethane
Concen: 50.62 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.009 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tgt Ion: 97 Resp: 518

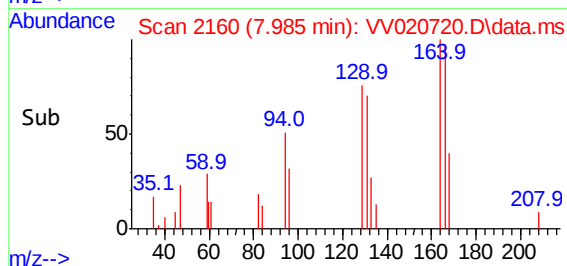
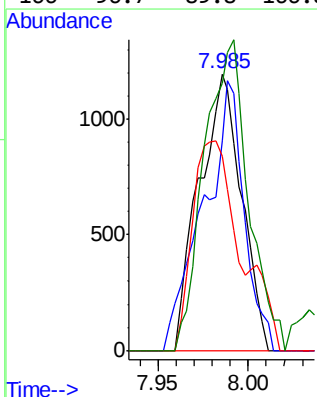
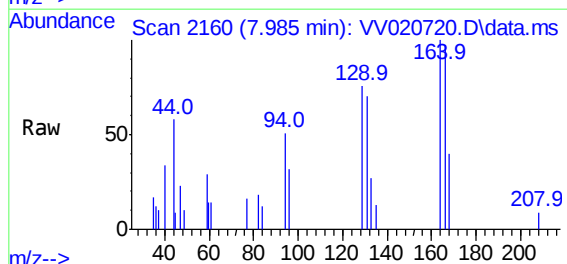
Ion	Ratio	Lower	Upper
97	100		
99	34.2	44.1	81.9#
83	55.1	60.7	112.7#
85	42.7	38.9	72.2

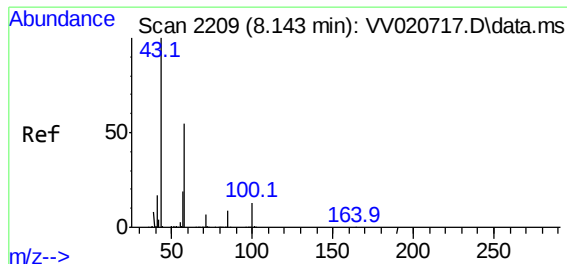


#46
Tetrachloroethene
Concen: 213.32 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 164 Resp: 1936

Ion	Ratio	Lower	Upper
164	100		
129	75.7	64.3	119.5
131	70.2	63.5	117.9
166	96.7	89.8	166.8



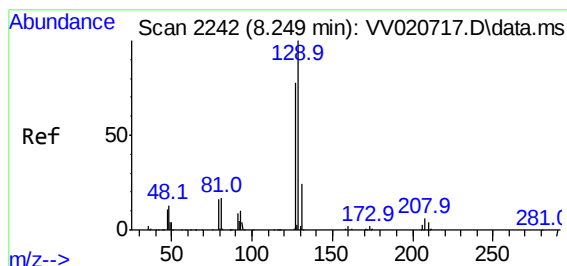
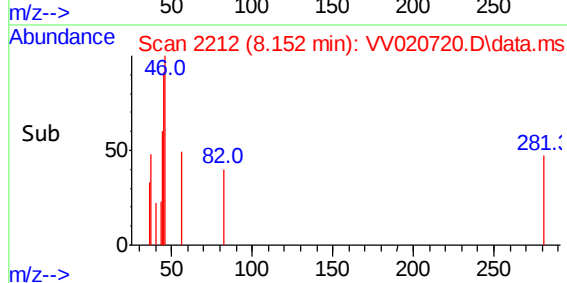
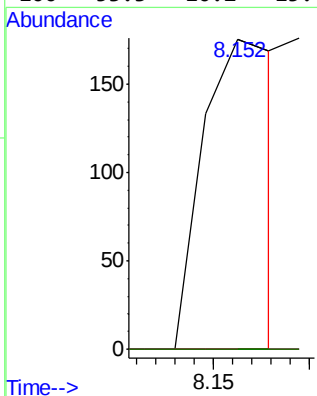
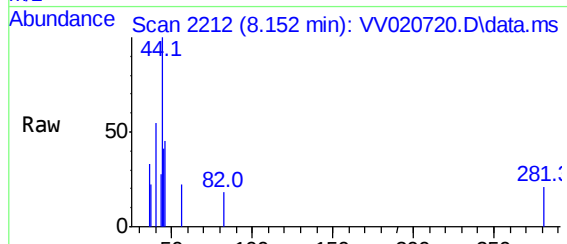


#48
2-Hexanone
Concen: 8.64 ug/L
RT: 8.152 min Scan# 2212
Delta R.T. 0.009 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tgt Ion: 43 Resp: 92

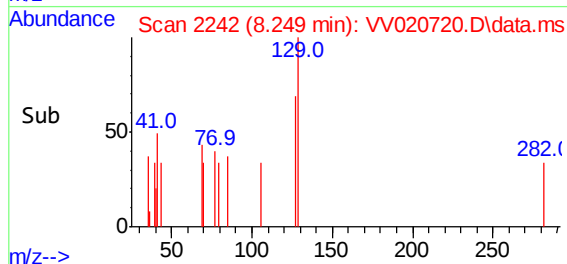
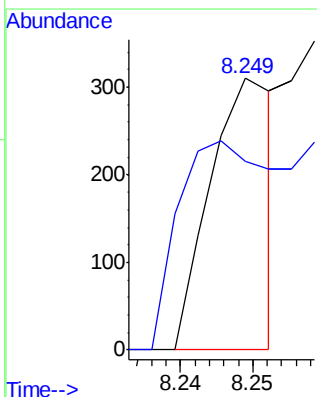
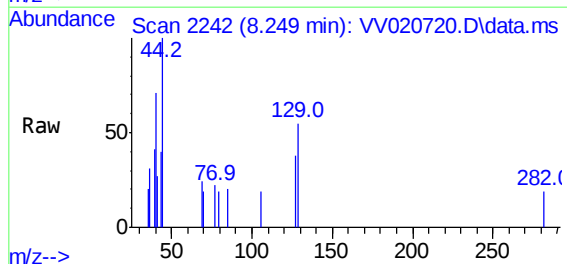
Ion	Ratio	Lower	Upper
43	100		
58	257.6	45.8	68.8#
57	73.9	15.4	23.2#
100	53.3	10.2	15.4#

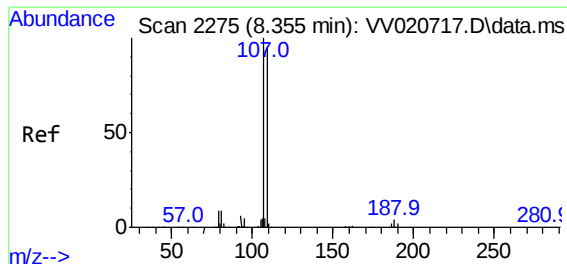


#49
Dibromochloromethane
Concen: 15.86 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 129 Resp: 189

Ion	Ratio	Lower	Upper
129	100		
127	69.4	54.6	101.4

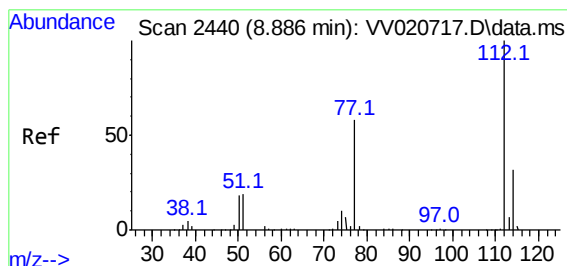
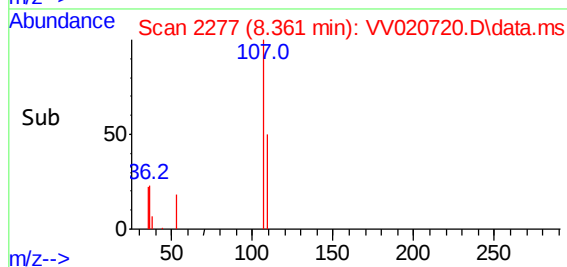
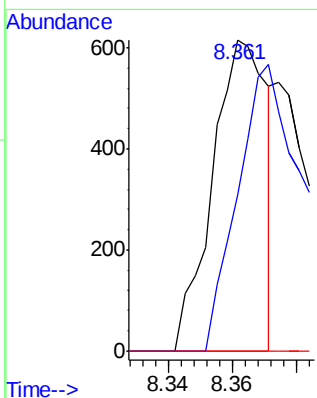
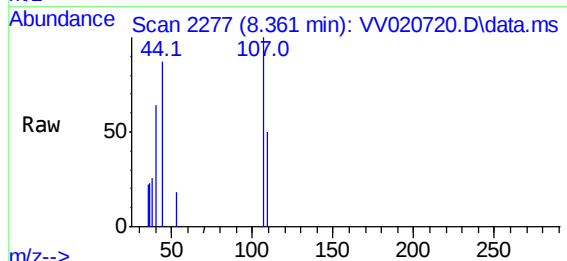




#50
1,2-Dibromoethane
Concen: 65.52 ug/L
RT: 8.361 min Scan# 2277
Delta R.T. 0.006 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

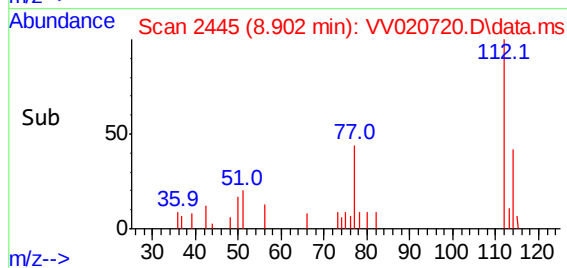
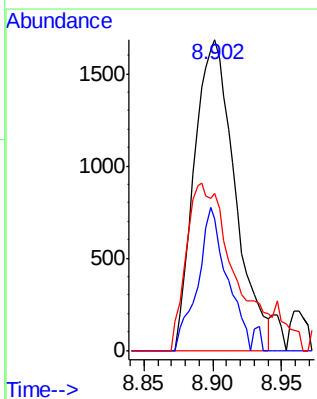
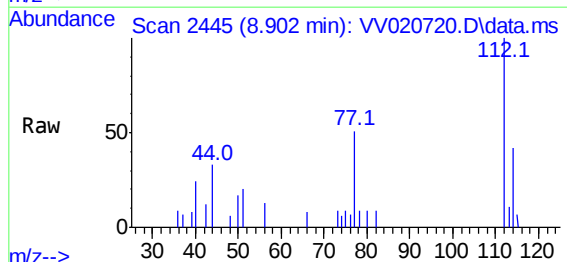
Instrument :
MSVOA_V
ClientSampleId :
VBLK79

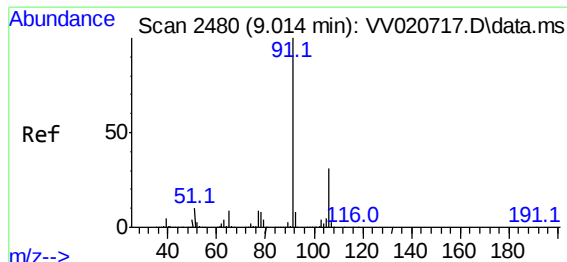
Tgt Ion:107 Resp: 718
Ion Ratio Lower Upper
107 100
109 50.1 66.7 123.9#
188 0.0 3.0 4.4#



#51
Chlorobenzene
Concen: 118.98 ug/L
RT: 8.902 min Scan# 2445
Delta R.T. 0.016 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion:112 Resp: 3443
Ion Ratio Lower Upper
112 100
114 42.5 22.4 41.6#
77 50.7 46.7 70.1

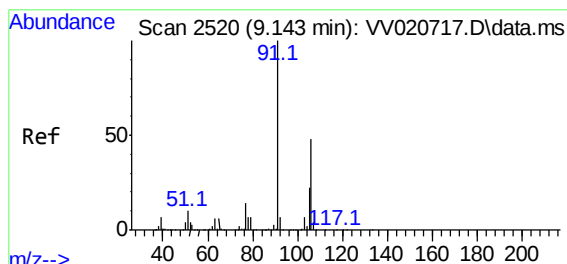
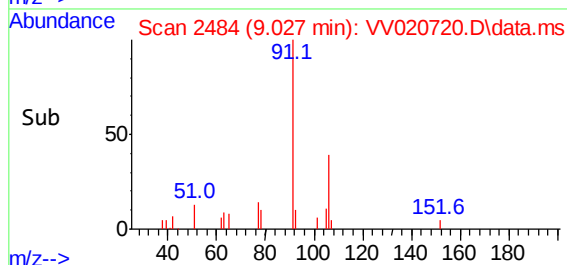
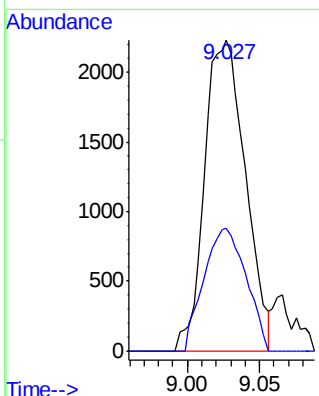
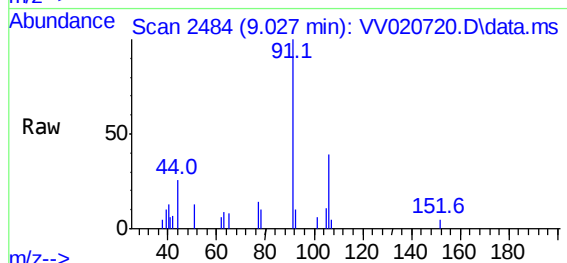




#52
Ethylbenzene
Concen: 88.85 ug/L
RT: 9.027 min Scan# 2484
Delta R.T. 0.013 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

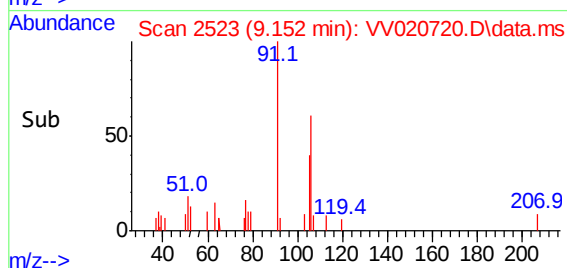
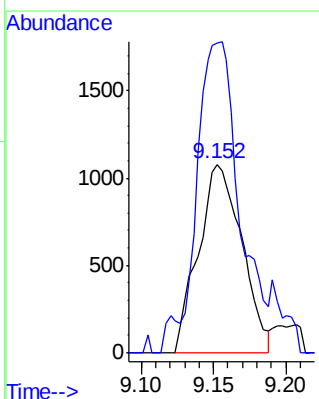
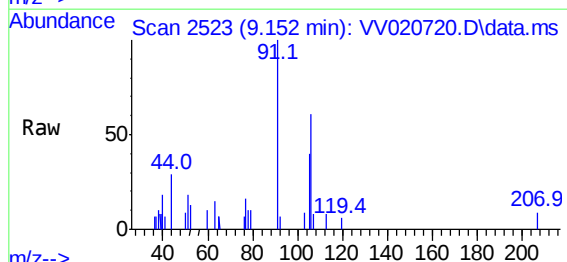
Instrument :
MSVOA_V
ClientSampled :
VBLK79

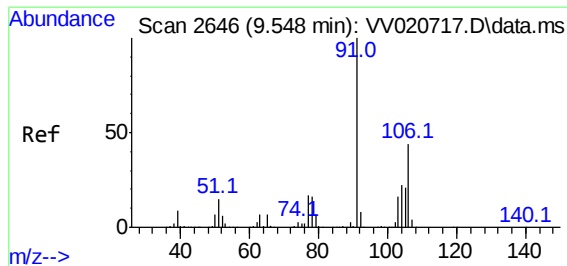
Tgt Ion: 91 Resp: 4371
Ion Ratio Lower Upper
91 100
106 39.5 21.4 39.8



#53
m,p-Xylene
Concen: 123.45 ug/L
RT: 9.152 min Scan# 2523
Delta R.T. 0.009 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 106 Resp: 2259
Ion Ratio Lower Upper
106 100
91 164.7 145.7 270.7

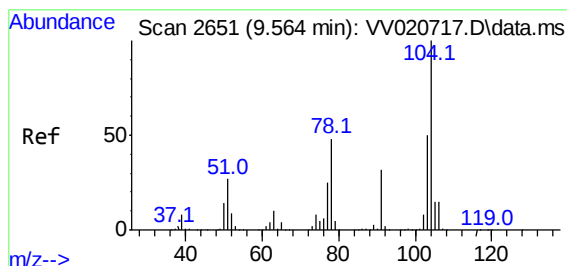
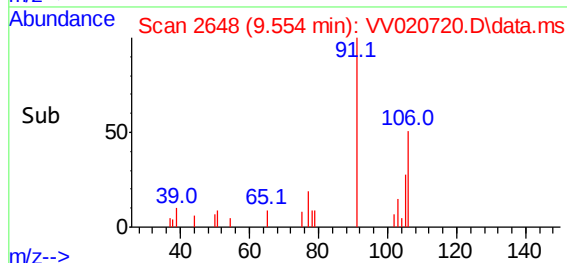
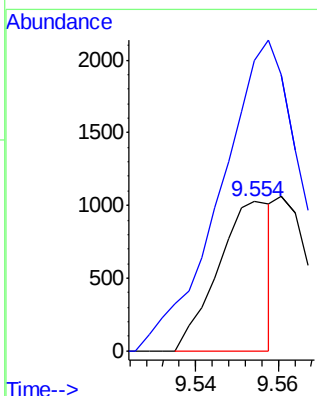
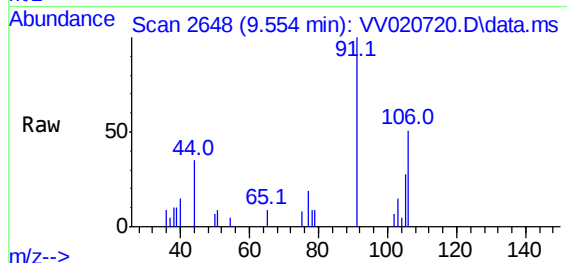




#54
o-xylene
Concen: 52.11 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.006 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

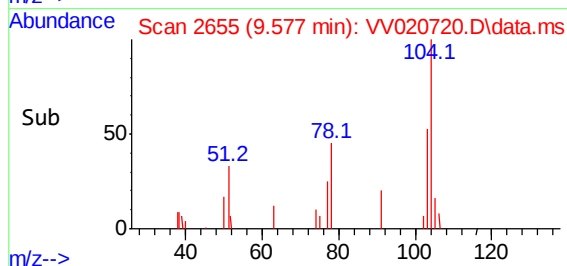
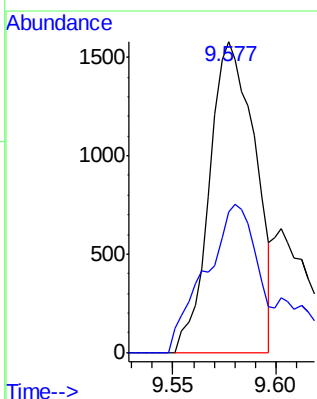
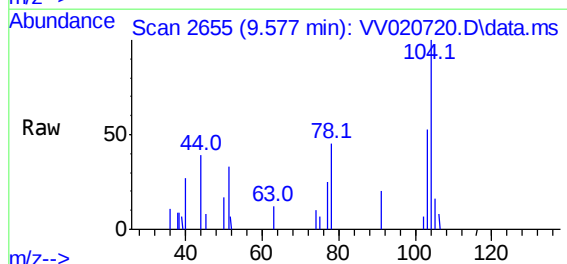
Instrument :
MSVOA_V
ClientSampled :
VBLK79

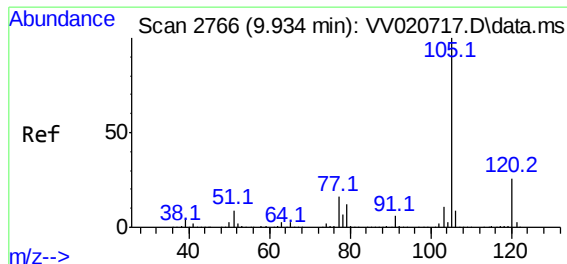
Tgt Ion:106 Resp: 919
Ion Ratio Lower Upper
106 100
91 194.9 157.8 293.1



#55
Styrene
Concen: 77.90 ug/L
RT: 9.577 min Scan# 2655
Delta R.T. 0.013 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion:104 Resp: 2414
Ion Ratio Lower Upper
104 100
78 45.2 33.6 62.4

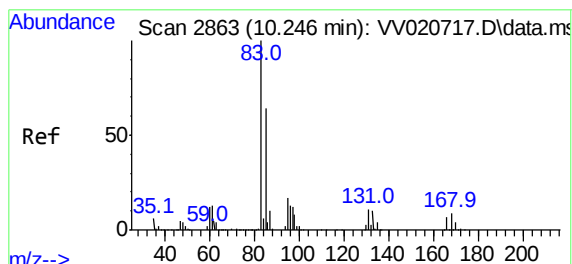
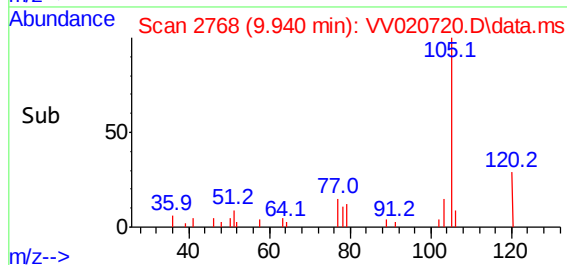
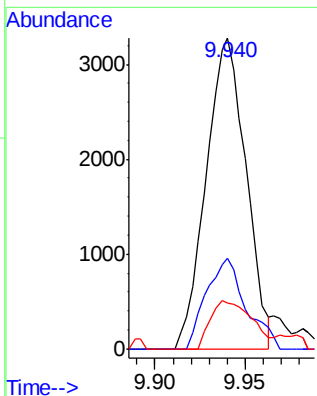
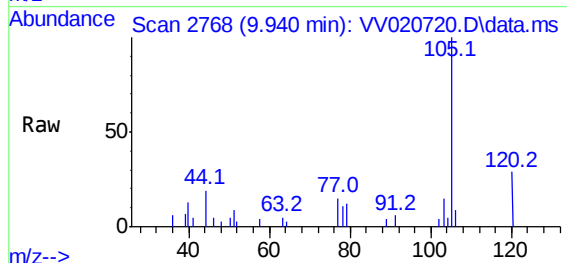




#56
Isopropylbenzene
Concen: 102.95 ug/L
RT: 9.940 min Scan# 2768
Delta R.T. 0.006 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

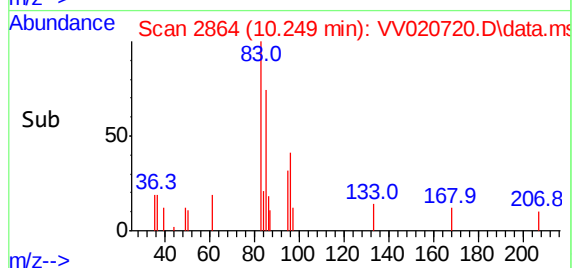
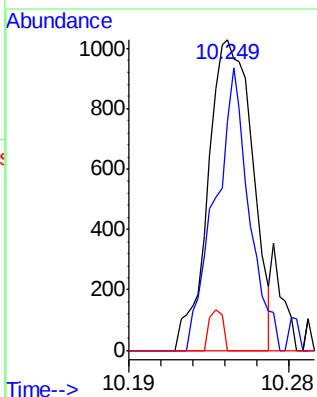
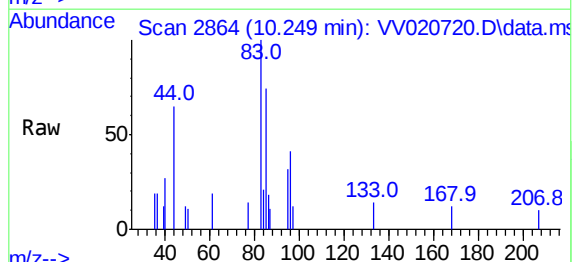
Instrument :
MSVOA_V
ClientSampled :
VBLK79

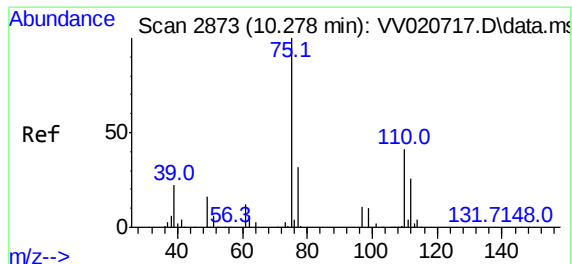
Tgt Ion:	105	Resp:	5000
Ion	Ratio	Lower	Upper
105	100		
120	28.9	20.8	31.2
77	15.9	12.9	19.3



#58
1,1,2,2-Tetrachloroethane
Concen: 104.61 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion:	83	Resp:	1746
Ion	Ratio	Lower	Upper
83	100		
85	73.5	44.7	83.1
131	0.0	8.6	12.8

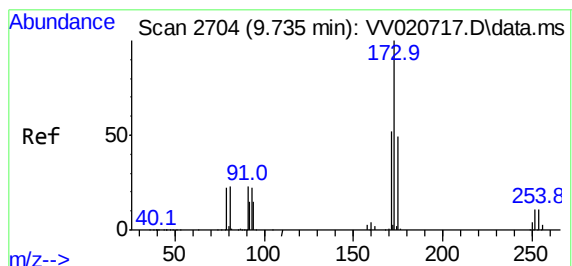
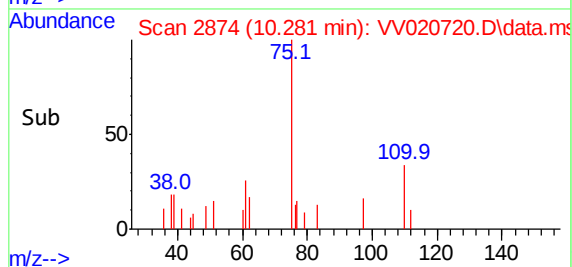
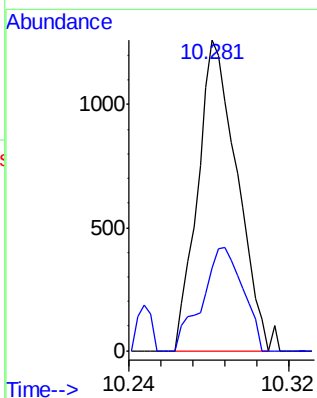
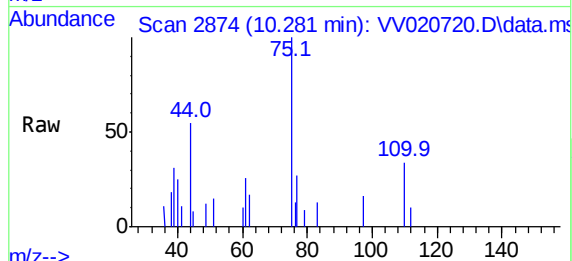




#59
1,2,3-Trichloropropane
Concen: 131.20 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

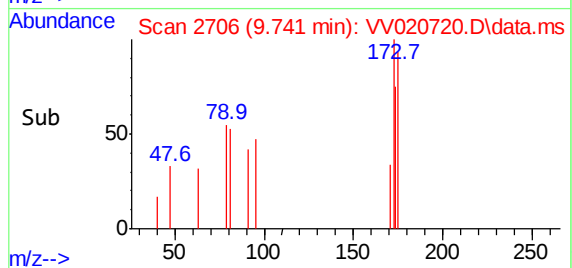
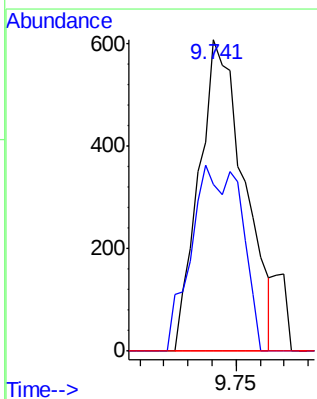
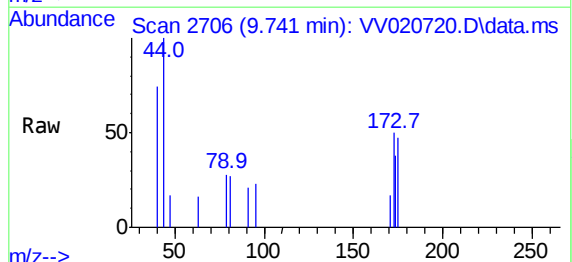
Instrument :
MSVOA_V
ClientSampled :
VBLK79

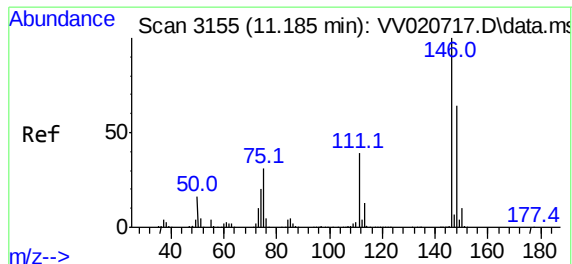
Tgt Ion: 75 Resp: 1782
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9



#61
Bromoform
Concen: 39.01 ug/L
RT: 9.741 min Scan# 2706
Delta R.T. 0.006 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion:173 Resp: 783
Ion Ratio Lower Upper
173 100
175 41.4 38.4 57.6
254 0.0 8.5 12.7#

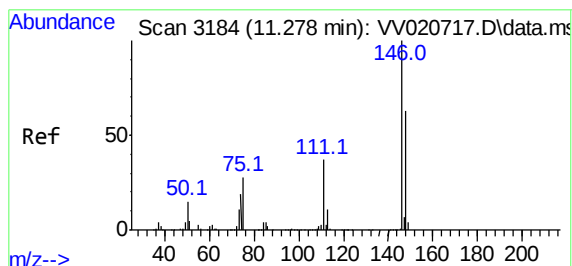
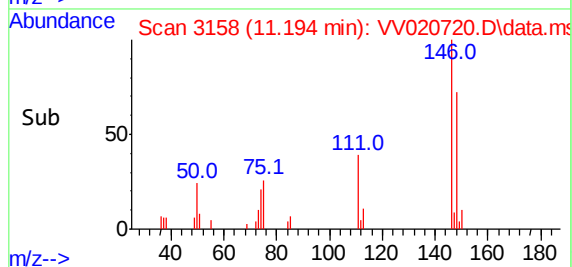
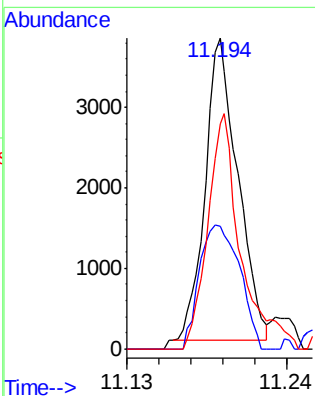
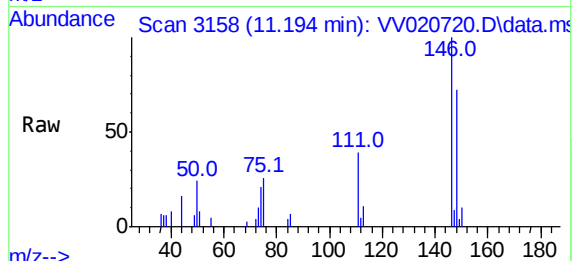




#62
1,3-Dichlorobenzene
Concen: 108.69 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.009 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

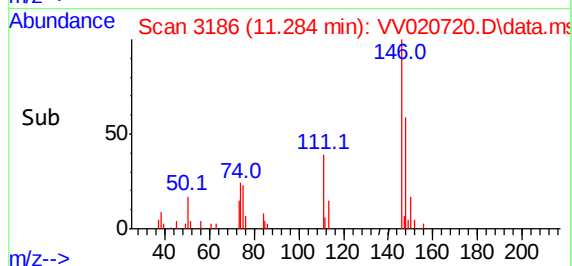
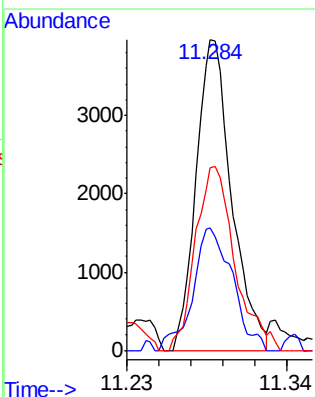
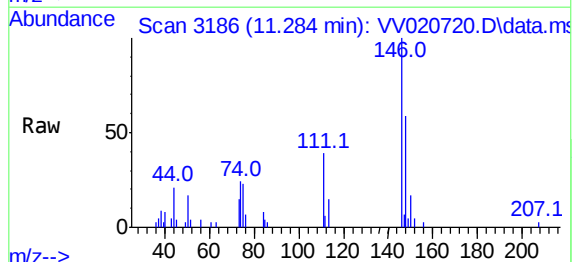
Instrument :
MSVOA_V
ClientSampleId :
VBLK79

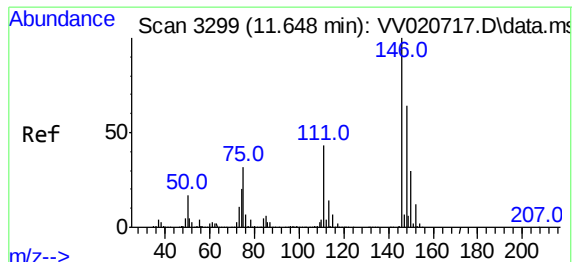
Tgt Ion:146 Resp: 5864
Ion Ratio Lower Upper
146 100
111 39.3 27.4 51.0
148 72.2 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 120.42 ug/L
RT: 11.284 min Scan# 3186
Delta R.T. 0.006 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion:146 Resp: 6757
Ion Ratio Lower Upper
146 100
111 39.3 26.0 48.4
148 58.9 44.1 81.9

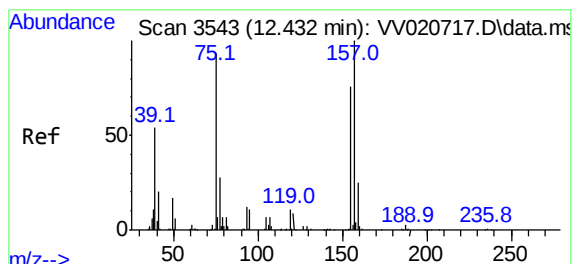
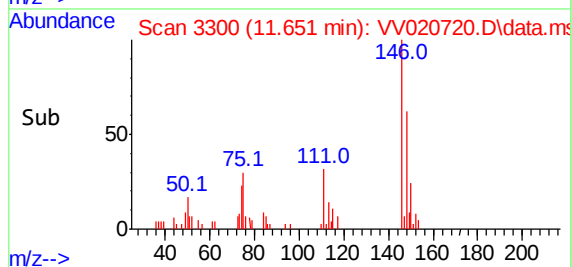
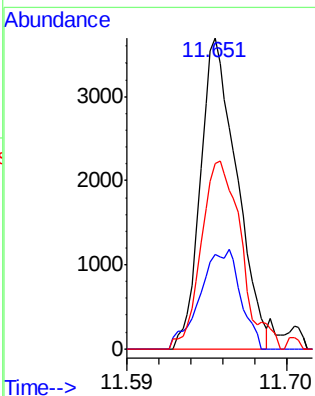
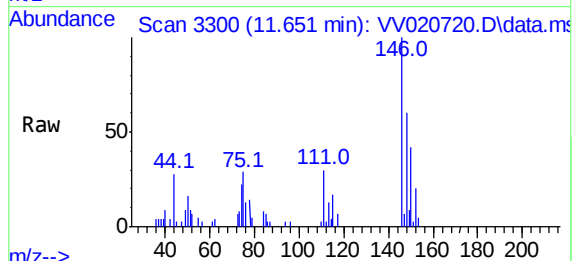




#65
1,2-Dichlorobenzene
Concen: 120.65 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

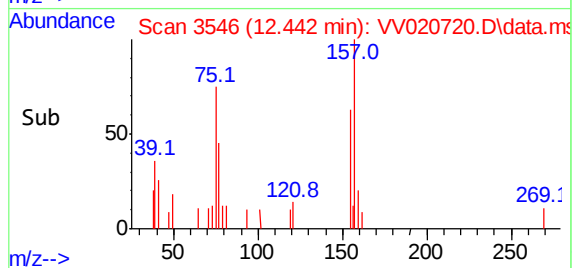
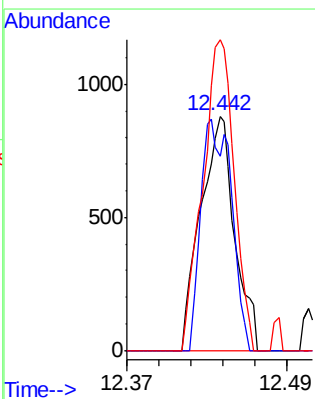
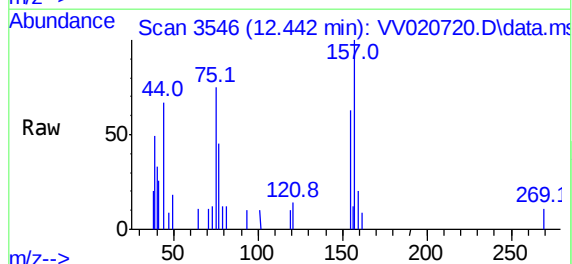
Instrument :
MSVOA_V
ClientSampleId :
VBLK79

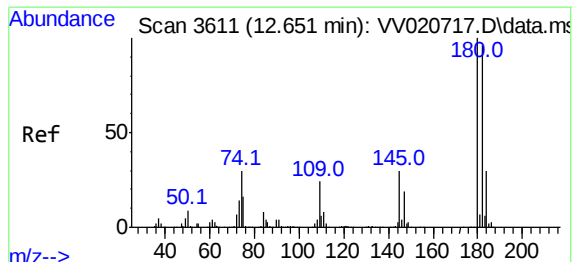
Tgt Ion:146 Resp: 6415
Ion Ratio Lower Upper
146 100
111 30.4 34.1 51.1#
148 59.6 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 175.31 ug/L
RT: 12.442 min Scan# 3546
Delta R.T. 0.009 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion: 75 Resp: 1576
Ion Ratio Lower Upper
75 100
155 83.1 65.3 97.9
157 132.7 85.8 128.6#



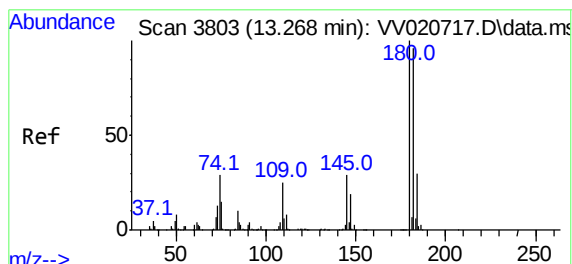
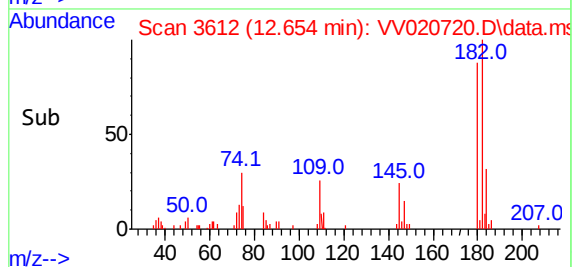
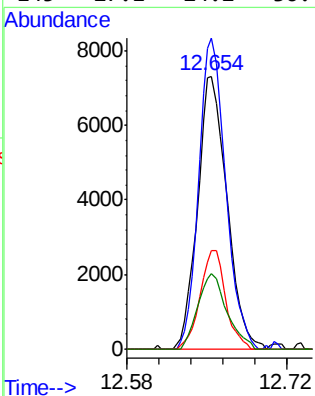
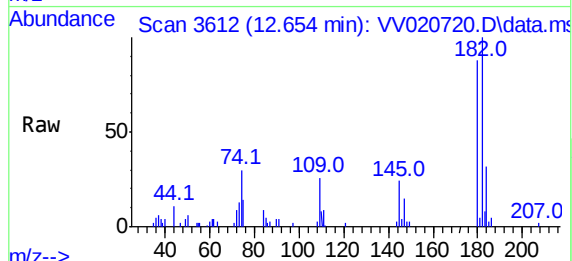


#67
1,3,5-Trichlorobenzene
Concen: 287.05 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tgt Ion:180 Resp: 12005

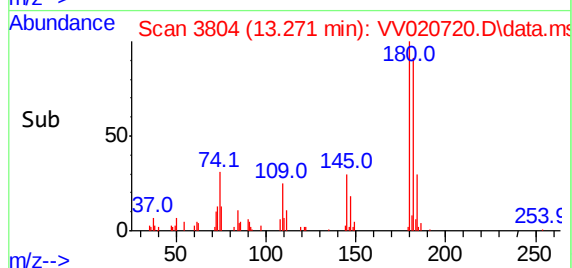
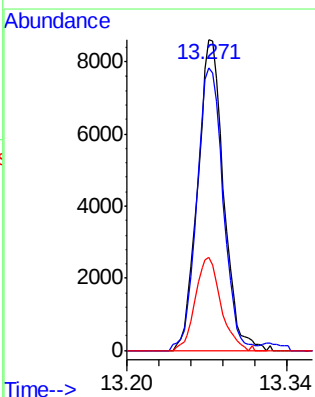
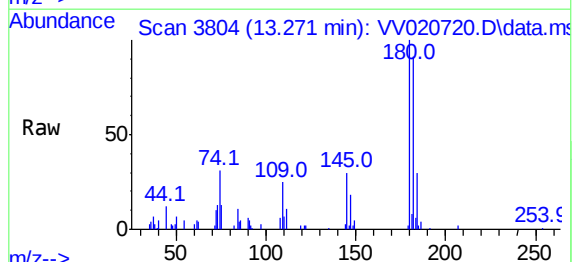
Ion	Ratio	Lower	Upper
180	100		
182	104.2	76.3	114.5
184	31.3	24.5	36.7
145	27.1	24.2	36.4

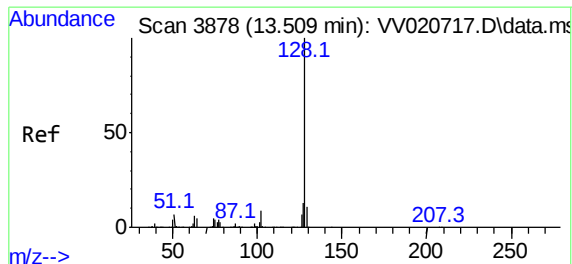


#68
1,2,4-trichlorobenzene
Concen: 391.68 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion:180 Resp: 13889

Ion	Ratio	Lower	Upper
180	100		
182	92.4	75.8	113.6
145	29.4	23.9	35.9

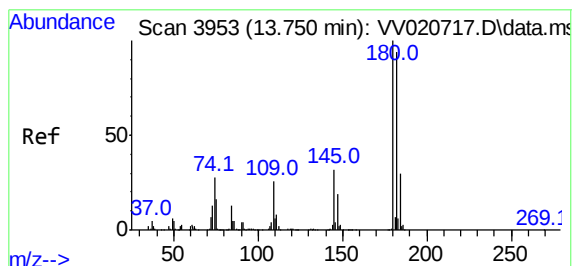
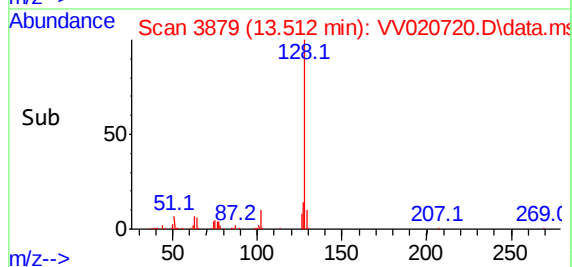
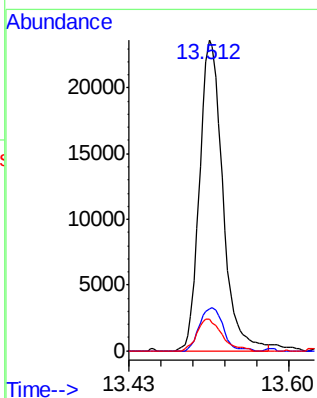
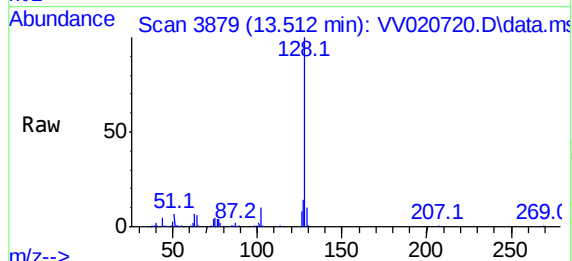




#69
Naphthalene
Concen: 388.51 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tgt Ion:128 Resp: 39433
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 10.5 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 478.62 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020720.D
Acq: 23 Mar 2021 19:01

Tgt Ion:180 Resp: 16996
Ion Ratio Lower Upper
180 100
182 95.3 75.2 112.8
145 30.1 25.5 38.3

