

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032321\
 Data File : VW020710.D
 Acq On : 23 Mar 2021 10:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Mar 24 04:17:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 02:12:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	459803	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	464954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	244658	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	167715	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.44%
7) Chloroethane-d5	1.571	69	125216	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.111	63	289797	41.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.20%
21) 2-Butanone-d5	3.892	46	219566	92.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.24%
24) Chloroform-d	4.349	84	305546	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.034	65	200819	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
32) Benzene-d6	5.050	84	579258	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
36) 1,2-Dichloropropane-d6	6.072	67	182304	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.72%
41) Toluene-d8	7.317	98	531392	46.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.08%
43) trans-1,3-Dichloroprop...	7.622	79	90997	47.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.74%
47) 2-Hexanone-d5	8.092	63	154345	100.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.37%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	265984	51.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.58%
64) 1,2-Dichlorobenzene-d4	11.632	152	214188	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	187896	49.50	ug/L	99
3) Chloromethane	1.243	50	196914	44.84	ug/L	99
5) Vinyl chloride	1.314	62	192528	43.73	ug/L	98
6) Bromomethane	1.526	94	105985	40.86	ug/L	92
8) Chloroethane	1.587	64	106076	39.70	ug/L	98
9) Trichlorofluoromethane	1.754	101	267247	45.55	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	139298	43.54	ug/L	97
12) 1,1-Dichloroethene	2.121	96	121851	39.26	ug/L	88
13) Acetone	2.188	43	199355	102.53	ug/L	98
14) Carbon disulfide	2.294	76	405043	43.04	ug/L	100
15) Methyl Acetate	2.436	43	165166	44.35	ug/L	98
16) Methylene chloride	2.507	84	156357	43.47	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	149347	45.04	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	460770	45.69	ug/L	99
19) 1,1-Dichloroethane	3.191	63	282504	44.65	ug/L	98
22) 2-Butanone	3.976	43	255459	94.99	ug/L	94
23) Bromochloromethane	4.252	128	82308	48.19	ug/L	94
25) Chloroform	4.378	83	296398	44.85	ug/L	99
27) 1,2-Dichloroethane	5.130	62	235653	45.14	ug/L	100
29) Cyclohexane	4.677	56	241228	42.36	ug/L	97

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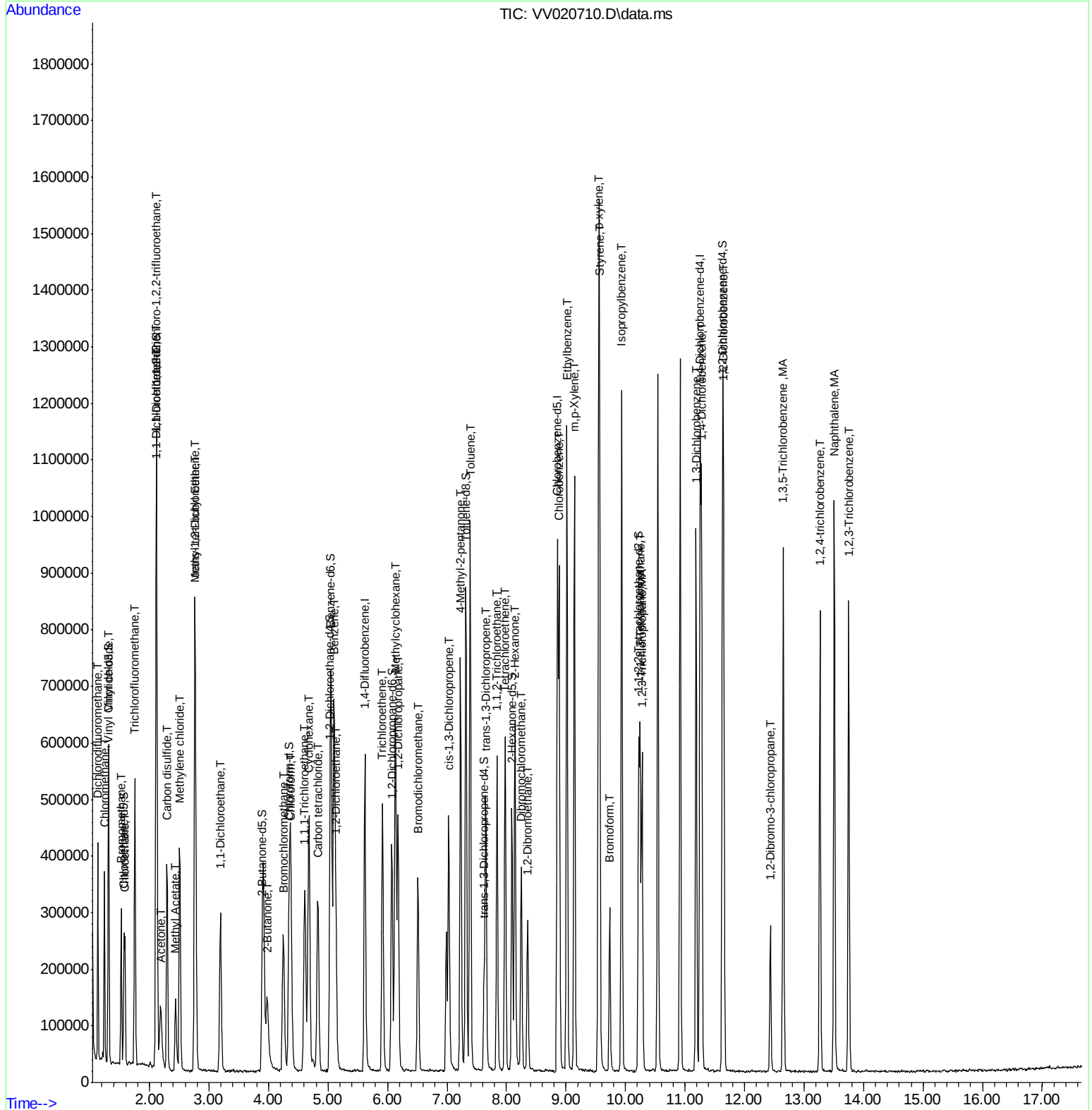
Instrument :
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 ClientSampleId :
 VSTD05061

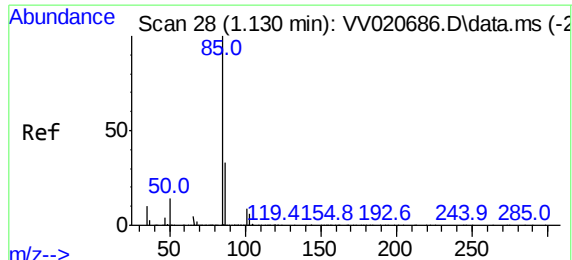
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.609	97	260021	46.27	ug/L	98
31) Carbon tetrachloride	4.831	117	218123	47.78	ug/L	98
33) Benzene	5.101	78	614609	43.81	ug/L	100
34) Trichloroethene	5.915	95	161612	40.83	ug/L	97
35) Methylcyclohexane	6.133	83	240468	44.20	ug/L	99
37) 1,2-Dichloropropane	6.175	63	163314	44.59	ug/L #	97
38) Bromodichloromethane	6.513	83	222683	46.17	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	255934	47.10	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	489801	88.91	ug/L	98
42) Toluene	7.387	91	674326	46.04	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	254603	47.67	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	157817	46.24	ug/L	99
46) Tetrachloroethene	7.979	164	125739	49.51	ug/L	96
48) 2-Hexanone	8.143	43	389361	90.48	ug/L	99
49) Dibromochloromethane	8.249	129	173664	48.87	ug/L	97
50) 1,2-Dibromoethane	8.355	107	169002	46.23	ug/L	100
51) Chlorobenzene	8.882	112	428786	45.26	ug/L	99
52) Ethylbenzene	9.014	91	750789	45.28	ug/L	98
53) m,p-Xylene	9.140	106	282339	46.63	ug/L	96
54) o-xylene	9.548	106	271943	46.40	ug/L	97
55) Styrene	9.564	104	485226	47.41	ug/L	97
56) Isopropylbenzene	9.934	105	744089	46.92	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	271564	53.57	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	209172	45.06	ug/L	99
61) Bromoform	9.735	173	121679	50.18	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	355688	45.78	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	367916	45.37	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	356052	46.04	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	60247	51.59	ug/L	91
67) 1,3,5-Trichlorobenzene	12.651	180	254089	45.92	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	226247	47.10	ug/L	99
69) Naphthalene	13.509	128	741224	47.46	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	227282	47.73	ug/L	99

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

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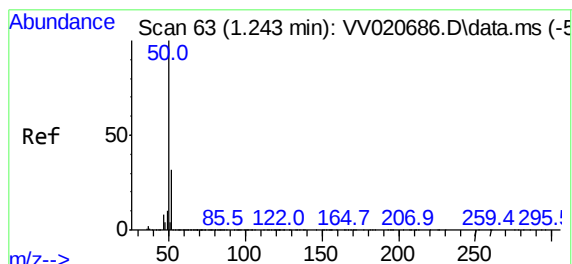
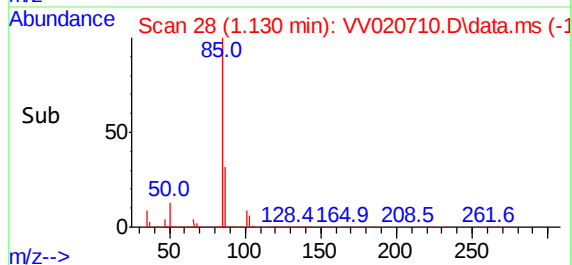
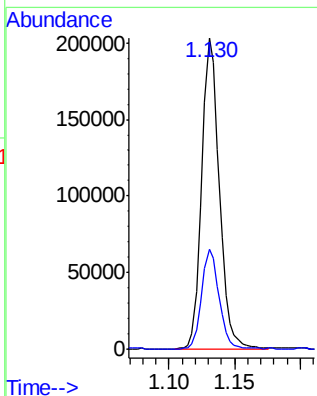
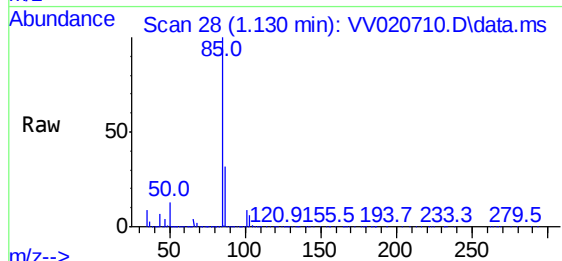


#2

Dichlorodifluoromethane
Concen: 49.50 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
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Acq: 23 Mar 2021 10:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

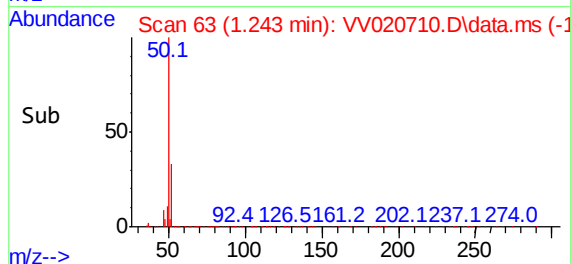
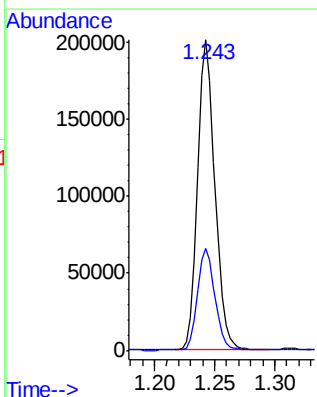
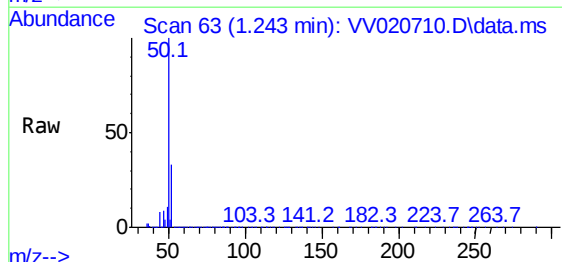
Tgt Ion: 85 Resp: 187896
Ion Ratio Lower Upper
85 100
87 31.6 25.9 38.9

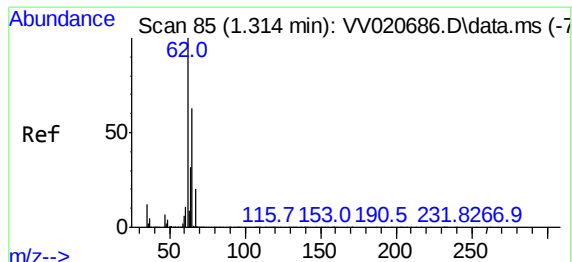


#3

Chloromethane
Concen: 44.84 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 50 Resp: 196914
Ion Ratio Lower Upper
50 100
52 33.0 22.7 42.1

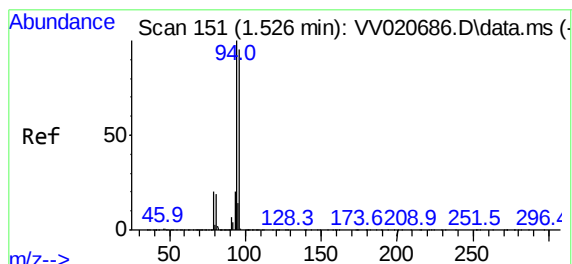
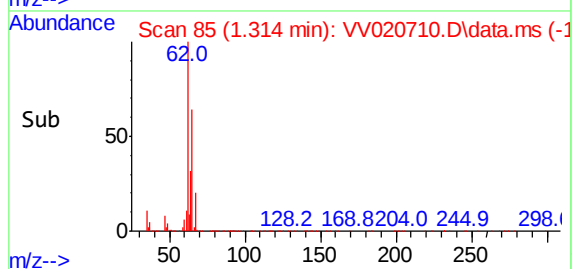
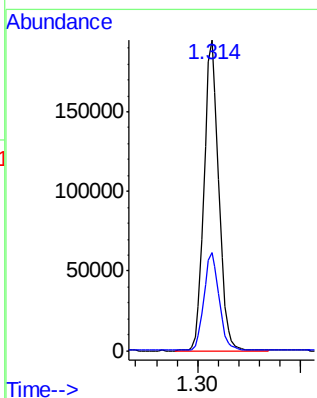
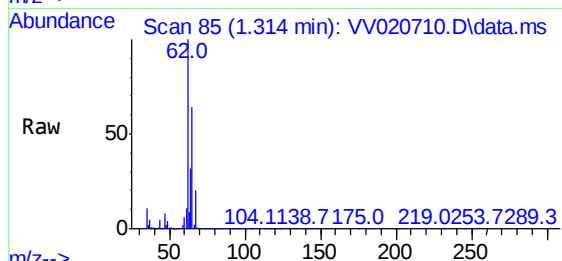




#5
 Vinyl chloride
 Concen: 43.73 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020710.D
 Acq: 23 Mar 2021 10:09

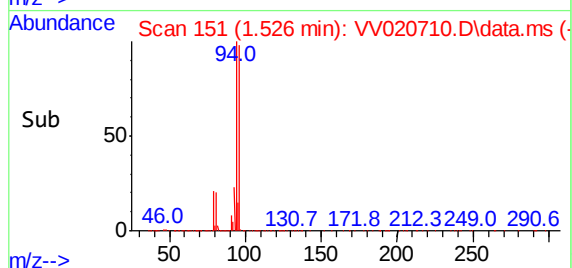
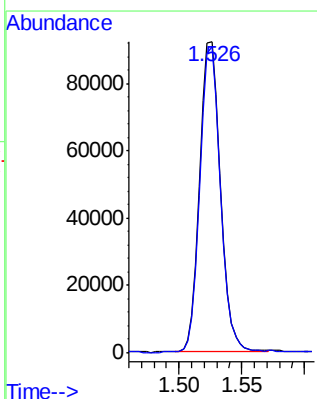
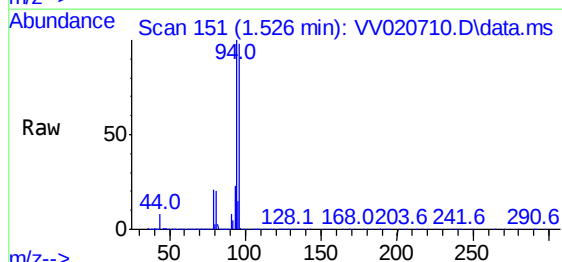
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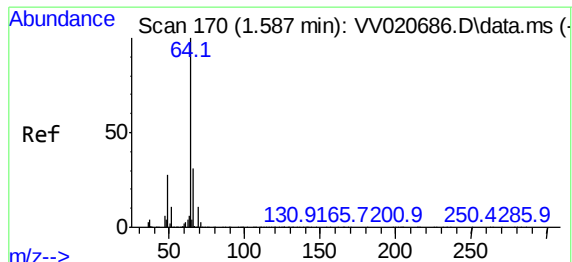
Tgt Ion: 62 Resp: 192528
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.0 42.6



#6
 Bromomethane
 Concen: 40.86 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020710.D
 Acq: 23 Mar 2021 10:09

Tgt Ion: 94 Resp: 105985
 Ion Ratio Lower Upper
 94 100
 96 98.2 63.6 118.2

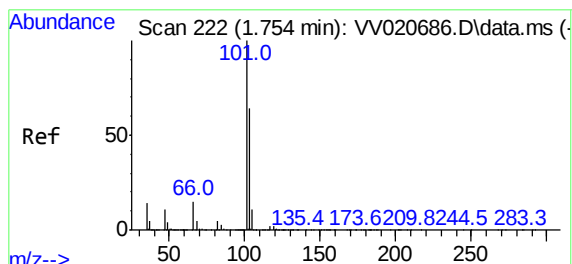
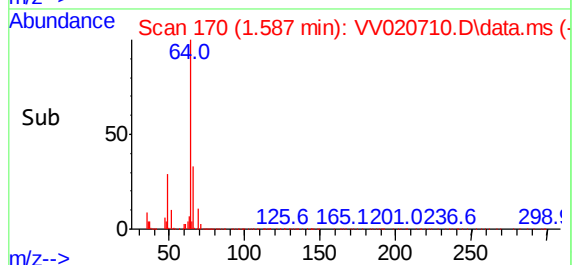
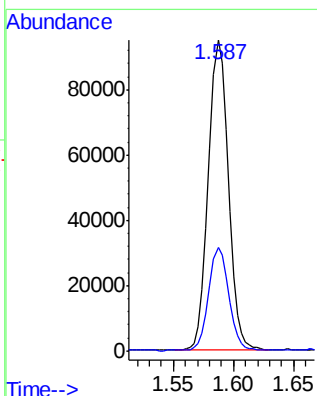
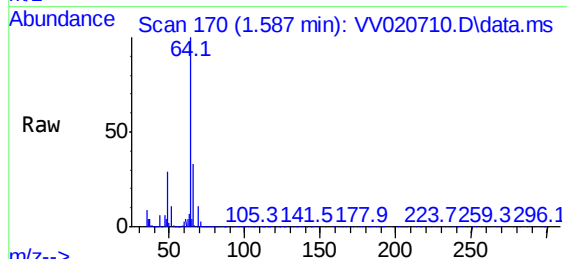




#8
Chloroethane
Concen: 39.70 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

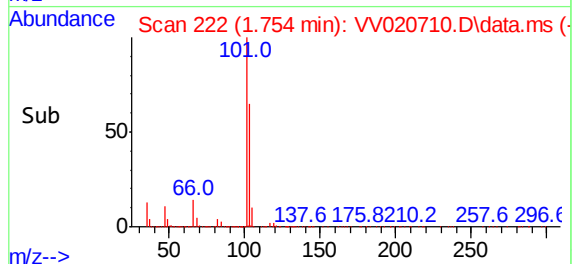
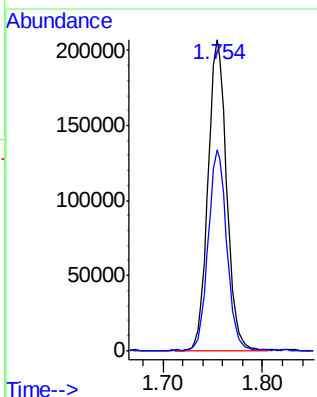
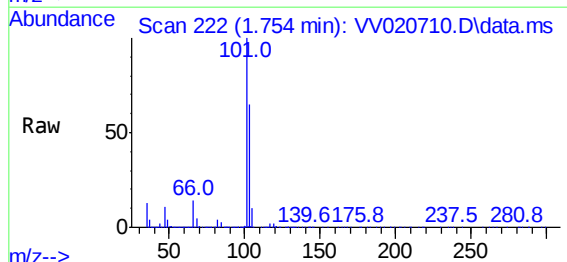
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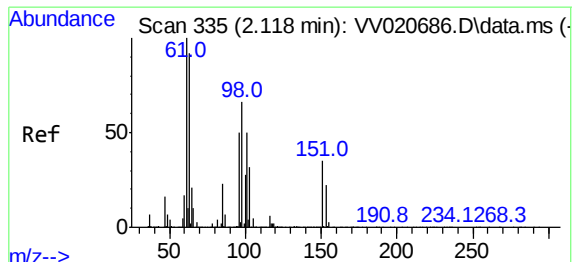
Tgt Ion: 64 Resp: 106076
Ion Ratio Lower Upper
64 100
66 33.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 45.55 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 101 Resp: 267247
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

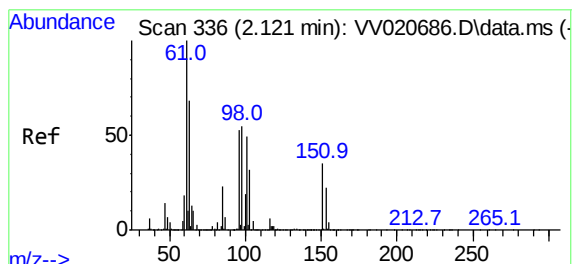
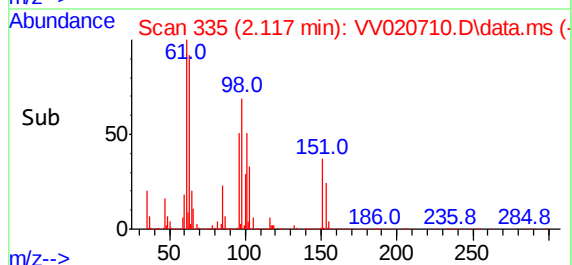
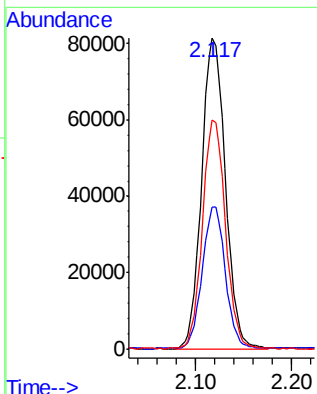
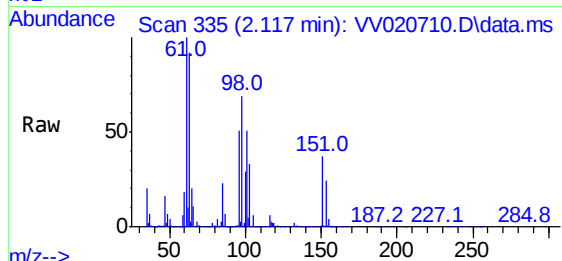




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.54 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020710.D
 Acq: 23 Mar 2021 10:09

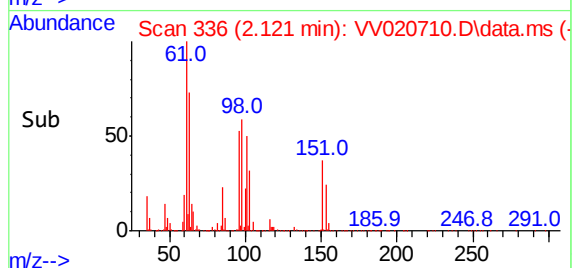
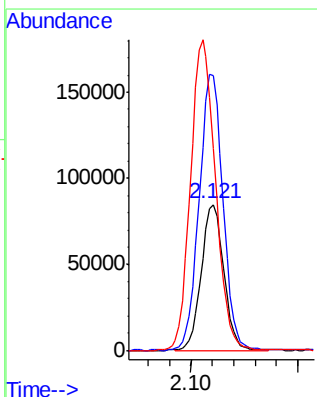
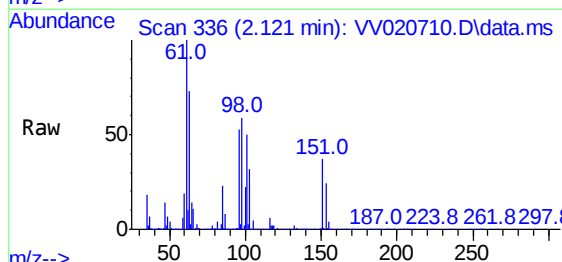
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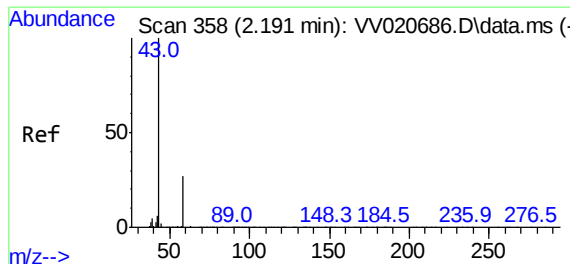
Tgt Ion:101 Resp: 139298
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.3 52.9
 151 71.2 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 39.26 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020710.D
 Acq: 23 Mar 2021 10:09

Tgt Ion: 96 Resp: 121851
 Ion Ratio Lower Upper
 96 100
 61 188.6 134.9 250.5
 63 138.2 117.6 218.4

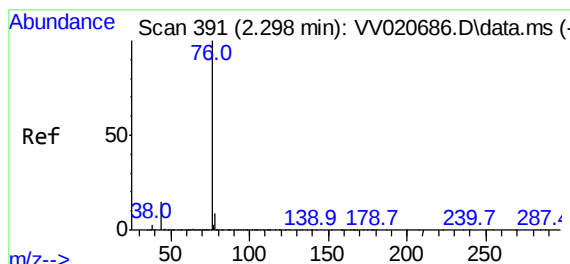
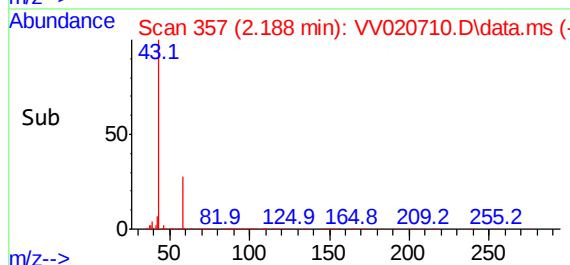
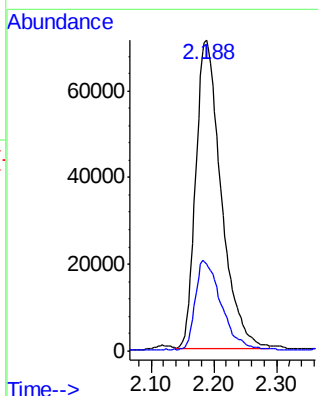
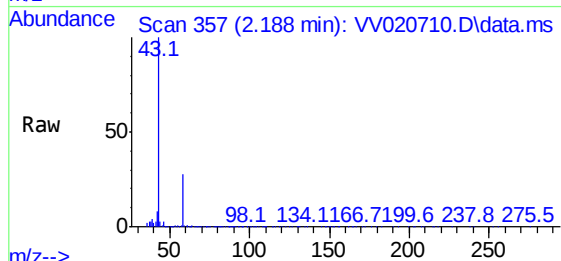




#13
Acetone
Concen: 102.53 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

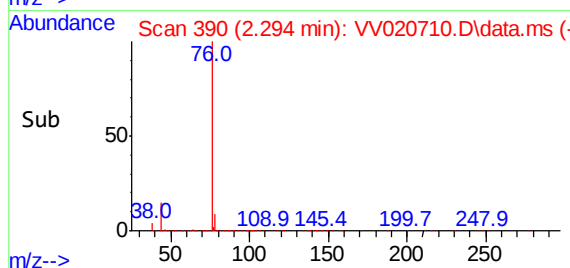
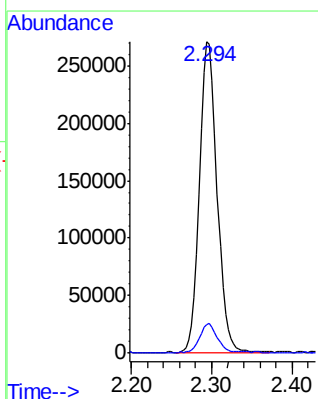
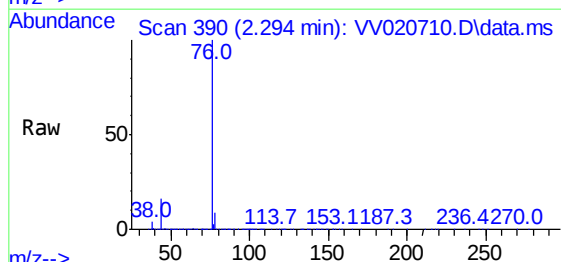
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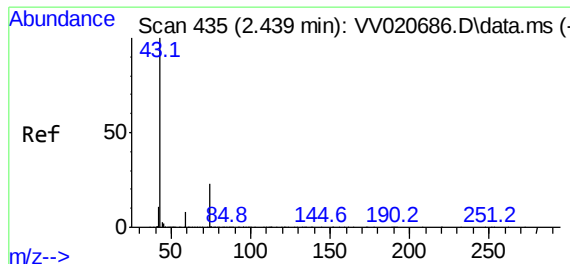
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Ion Ratio Lower Upper
43 100
58 29.3 0.0 60.2



#14
Carbon disulfide
Concen: 43.04 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 76 Resp: 405043
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

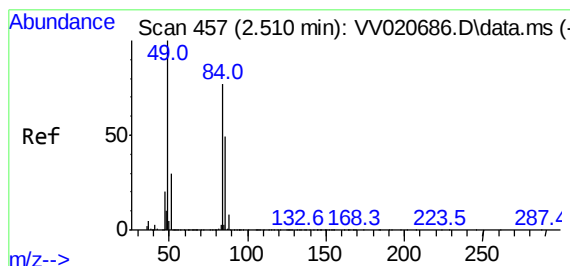
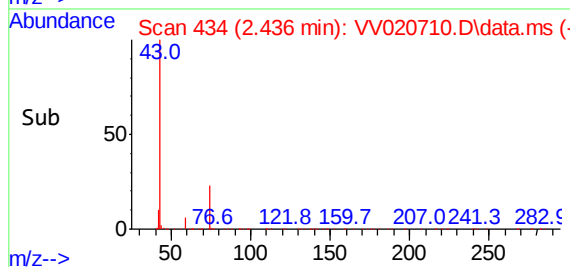
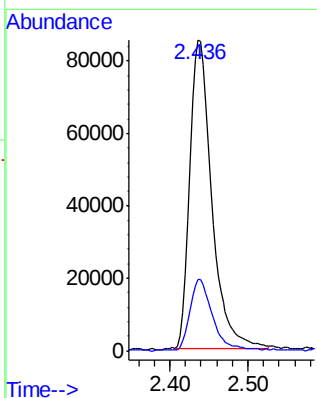
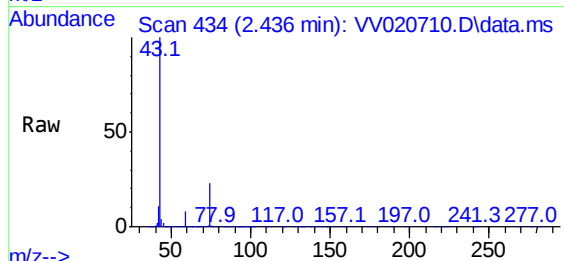




#15
Methyl Acetate
Concen: 44.35 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

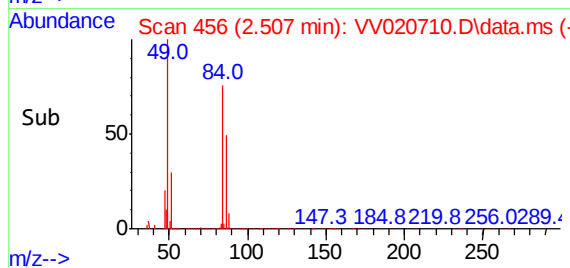
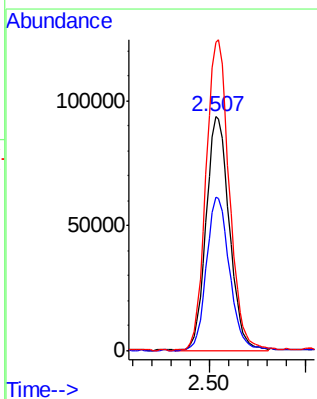
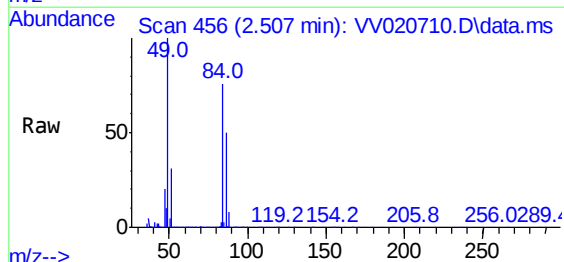
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

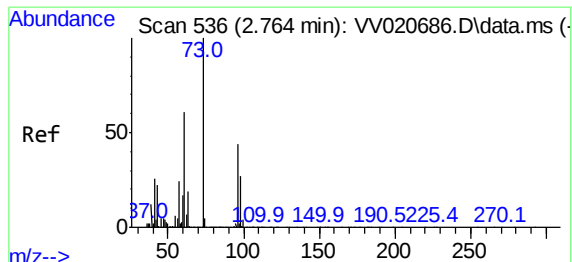
Tgt Ion: 43 Resp: 165166
Ion Ratio Lower Upper
43 100
74 23.0 17.6 26.4



#16
Methylene chloride
Concen: 43.47 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 84 Resp: 156357
Ion Ratio Lower Upper
84 100
86 65.6 44.6 82.8
49 132.2 94.6 175.8

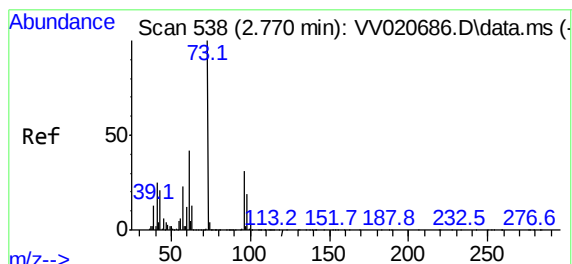
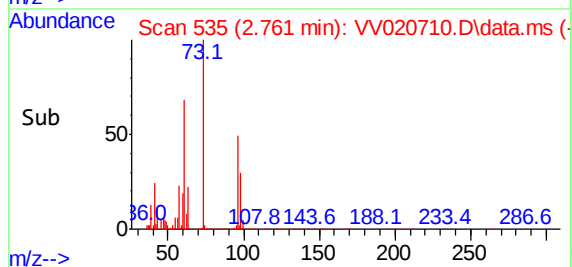
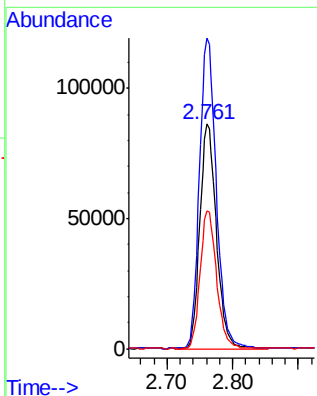
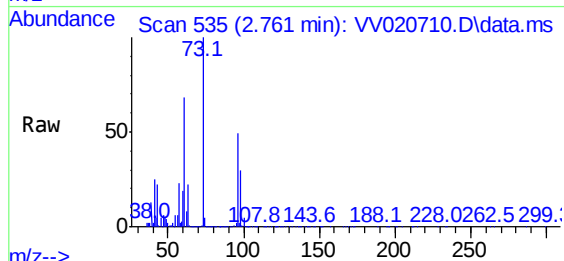




#17
trans-1,2-Dichloroethene
Concen: 45.04 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

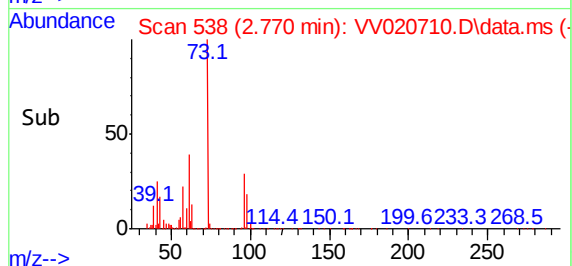
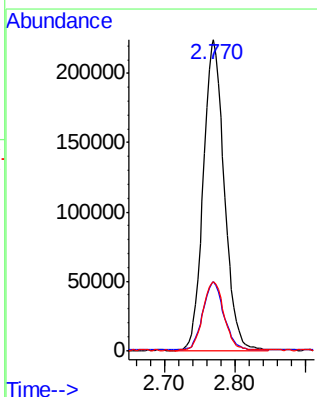
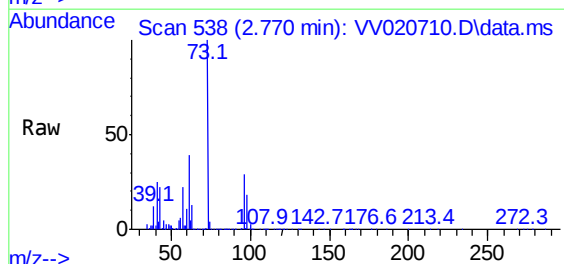
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

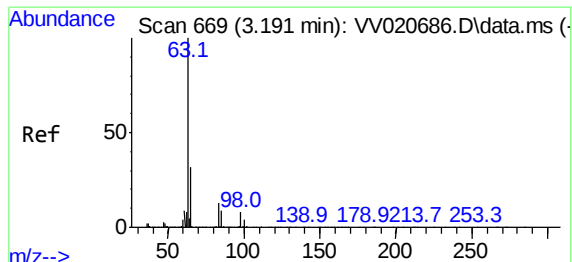
Tgt Ion: 96 Resp: 149347
Ion Ratio Lower Upper
96 100
61 138.4 103.1 191.5
98 61.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 45.69 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 73 Resp: 460770
Ion Ratio Lower Upper
73 100
43 22.0 17.3 25.9
57 22.2 17.9 26.9

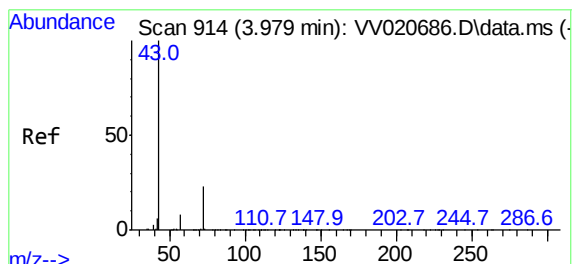
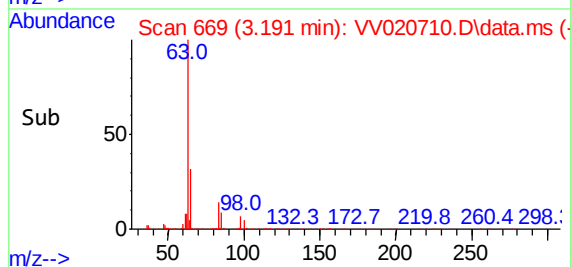
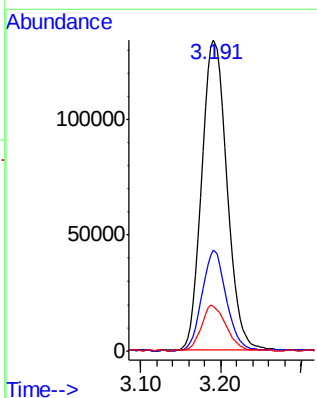
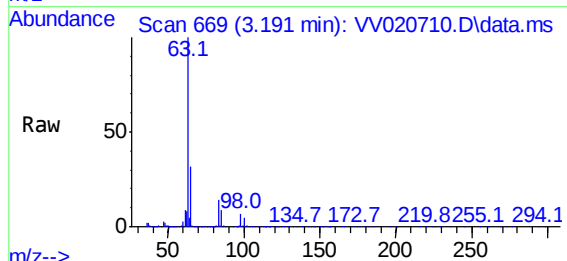




#19
1,1-Dichloroethane
Concen: 44.65 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

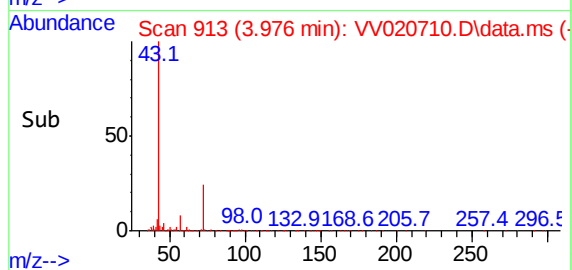
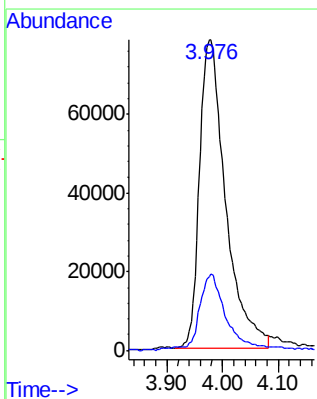
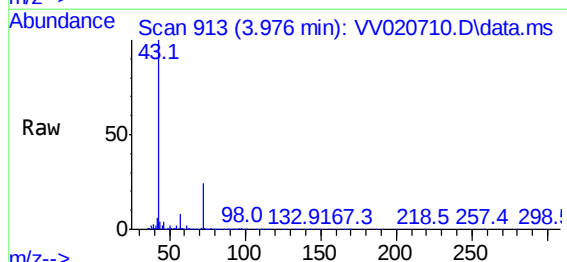
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

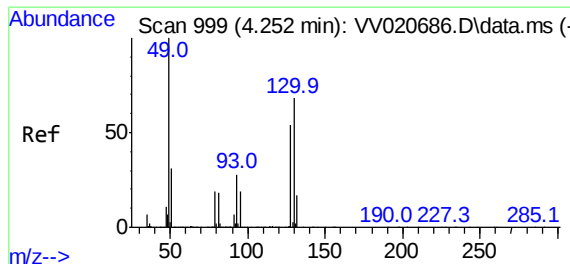
Tgt Ion: 63 Resp: 282504
Ion Ratio Lower Upper
63 100
65 32.3 21.9 40.7
83 14.3 9.5 17.7



#22
2-Butanone
Concen: 94.99 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 43 Resp: 255459
Ion Ratio Lower Upper
43 100
72 21.2 12.2 36.6

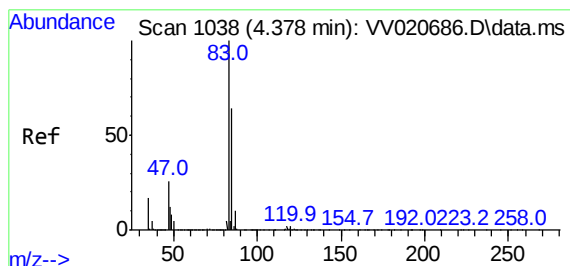
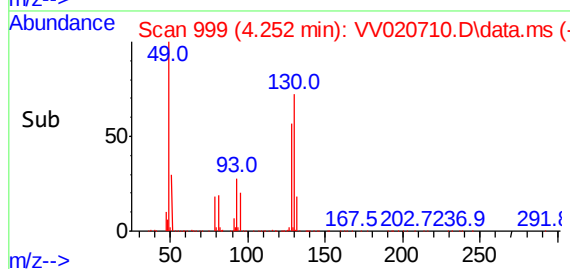
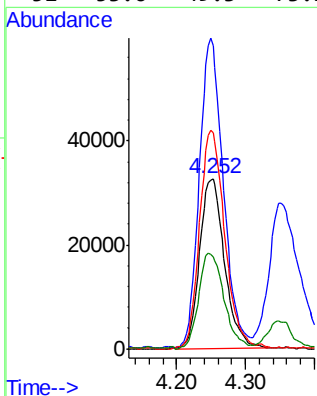
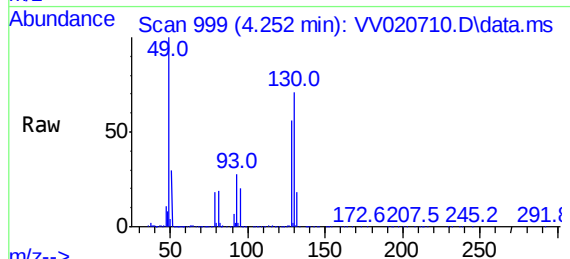




#23
Bromochloromethane
Concen: 48.19 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

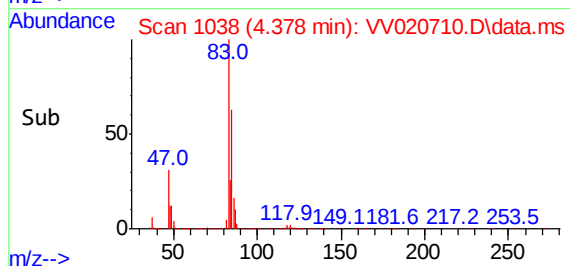
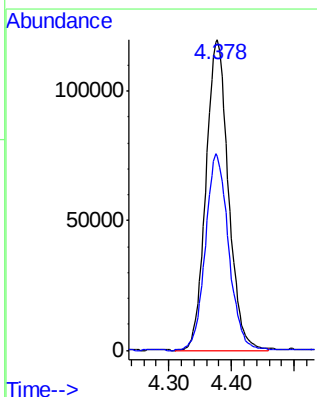
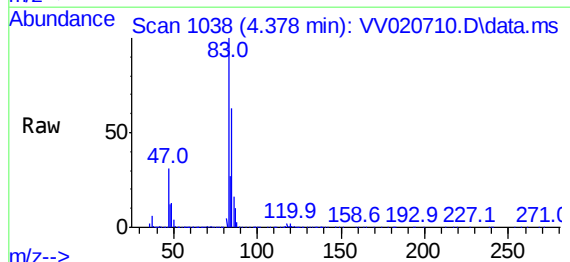
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

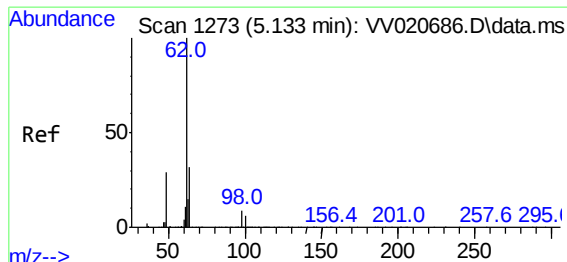
Tgt Ion:128 Resp: 82308
Ion Ratio Lower Upper
128 100
49 177.6 133.1 247.1
130 127.0 89.0 165.4
51 53.6 49.3 73.9



#25
Chloroform
Concen: 44.85 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 83 Resp: 296398
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.2

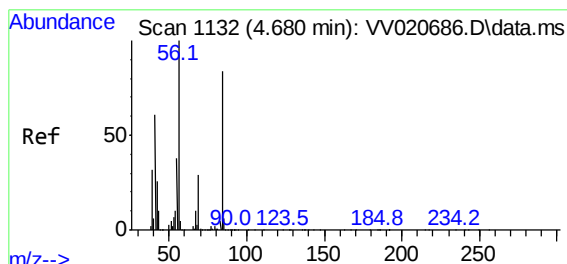
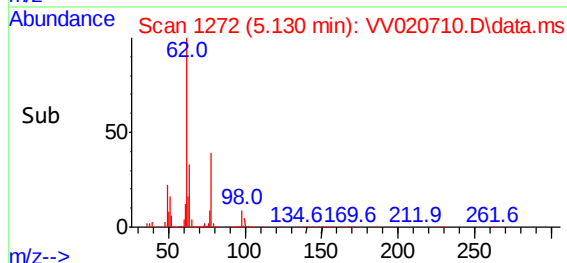
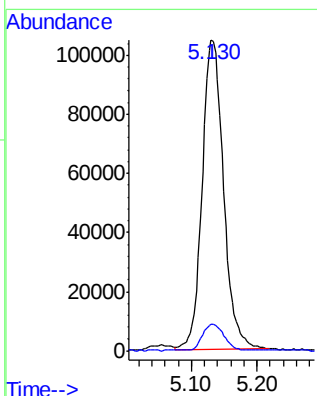
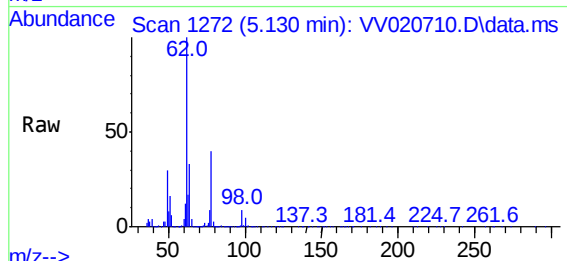




#27
1,2-Dichloroethane
Concen: 45.14 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

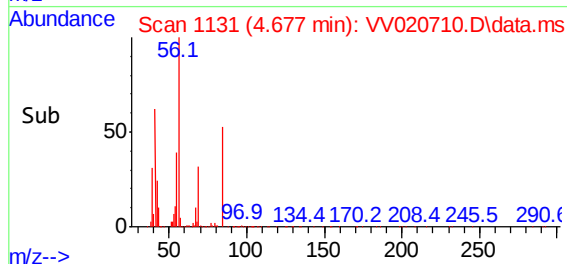
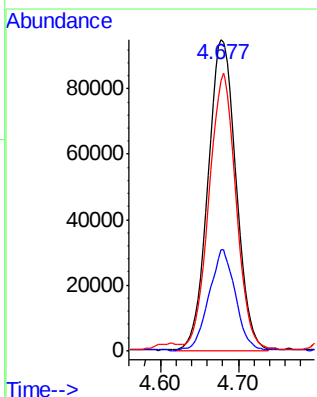
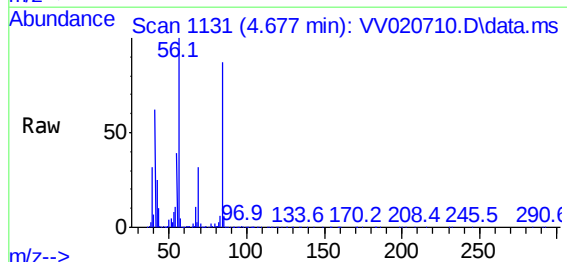
Instrument :
MSVOA_V
ClientSampled :
VSTD05061

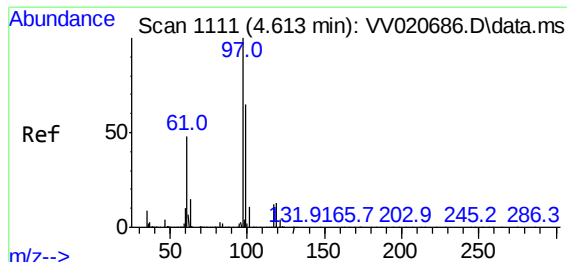
Tgt Ion: 62 Resp: 235653
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3



#29
Cyclohexane
Concen: 42.36 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 56 Resp: 241228
Ion Ratio Lower Upper
56 100
69 30.4 24.2 36.2
84 86.0 66.3 99.5

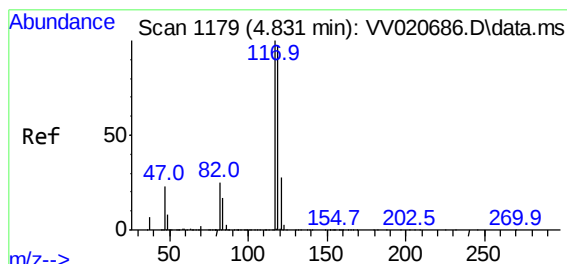
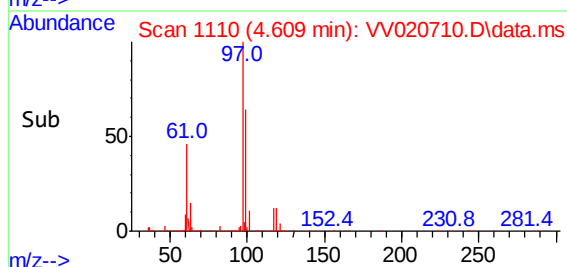
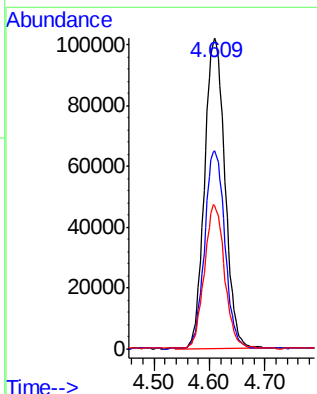
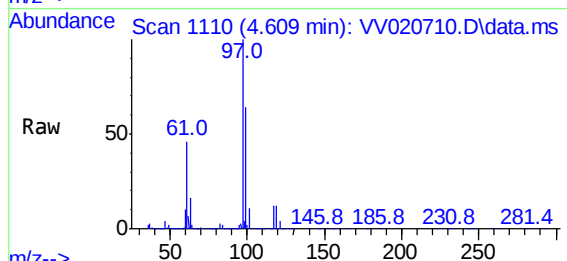




#30
1,1,1-Trichloroethane
Concen: 46.27 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

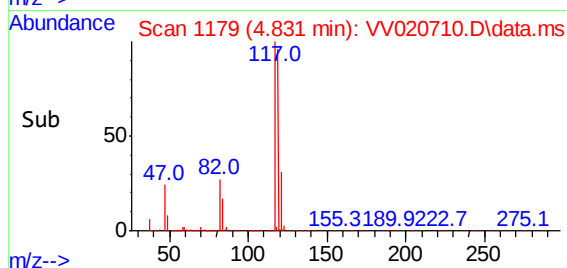
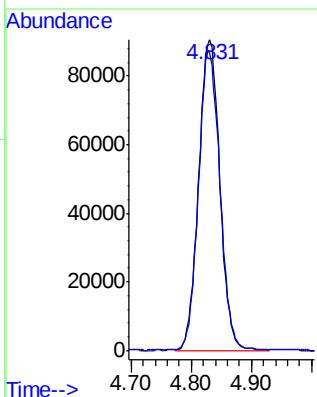
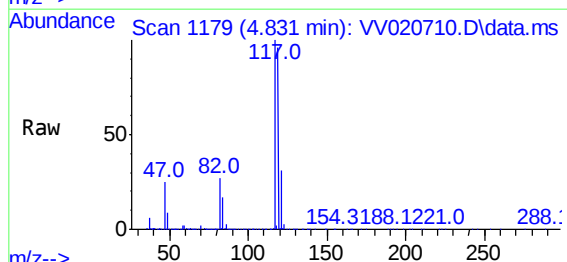
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

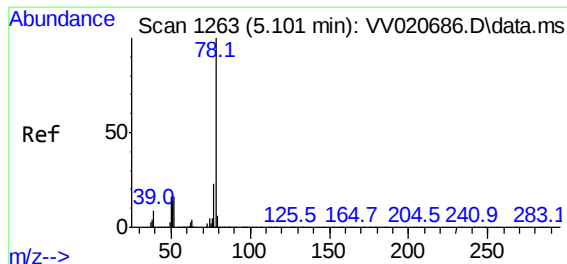
Tgt Ion: 97 Resp: 260021
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 45.4 38.5 57.7



#31
Carbon tetrachloride
Concen: 47.78 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

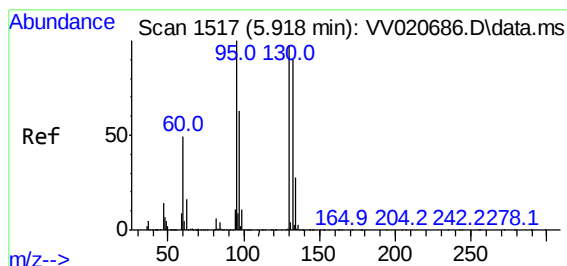
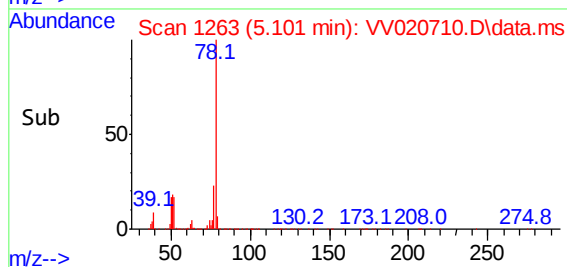
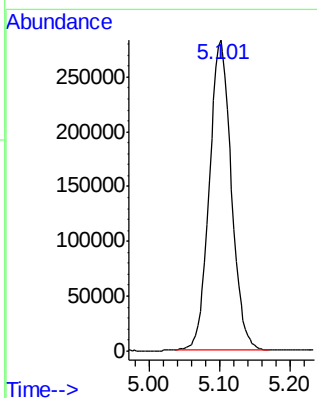
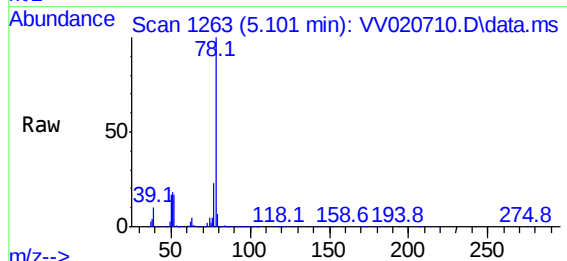
Tgt Ion: 117 Resp: 218123
Ion Ratio Lower Upper
117 100
119 97.0 76.3 114.5





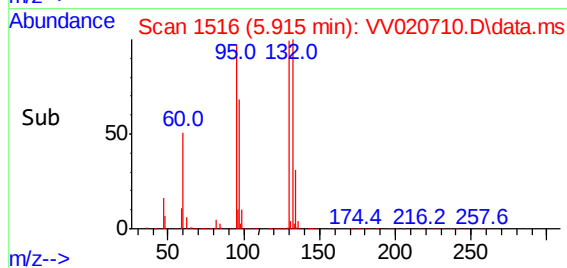
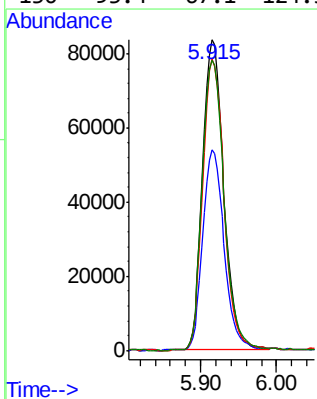
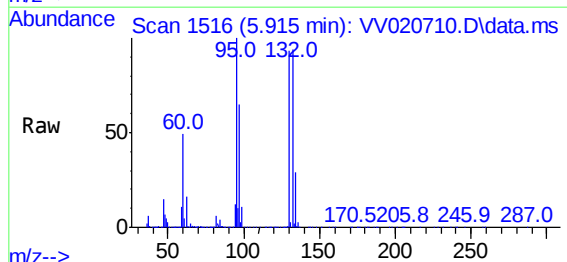
#33
Benzene
Concen: 43.81 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09
Tgt Ion: 78 Resp: 614609

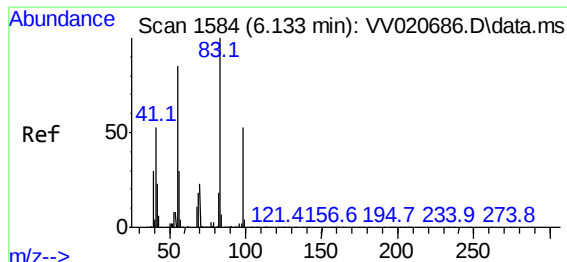
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061



#34
Trichloroethene
Concen: 40.83 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09
Tgt Ion: 95 Resp: 161612

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.5	82.7
132	94.0	63.4	117.8
130	93.4	67.1	124.5

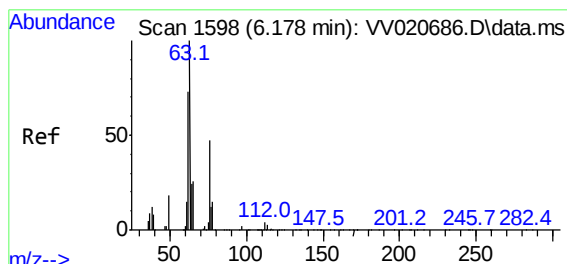
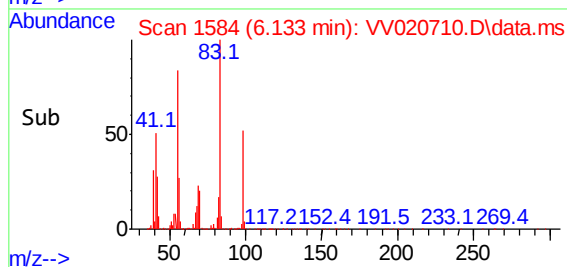
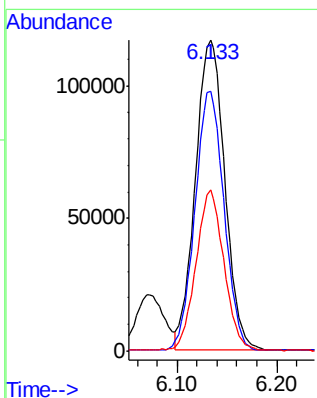
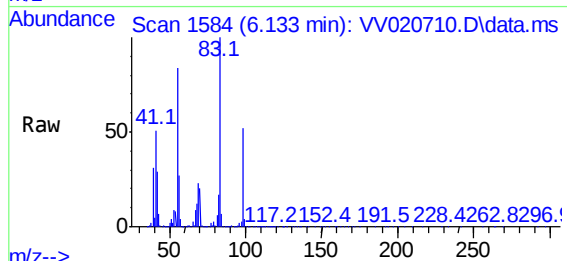




#35
Methylcyclohexane
Concen: 44.20 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

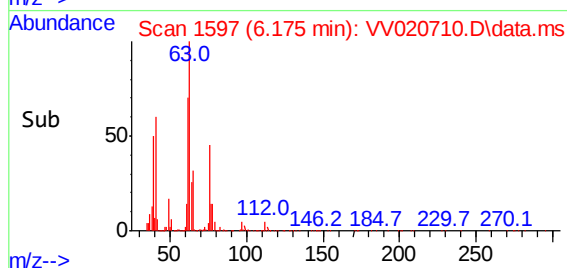
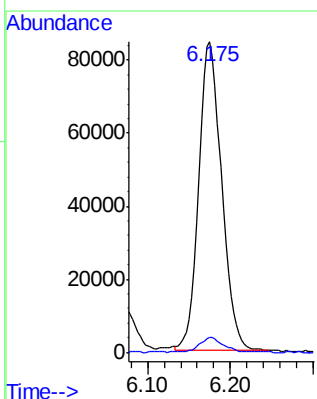
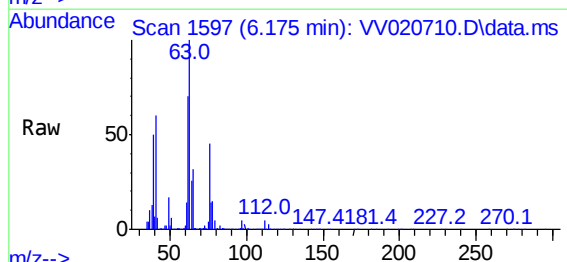
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

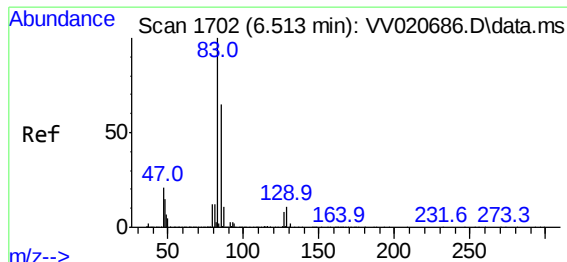
Tgt Ion: 83 Resp: 240468
Ion Ratio Lower Upper
83 100
55 82.4 65.1 97.7
98 49.2 38.2 57.2



#37
1,2-Dichloropropane
Concen: 44.59 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 63 Resp: 163314
Ion Ratio Lower Upper
63 100
112 5.1 3.3 4.9#

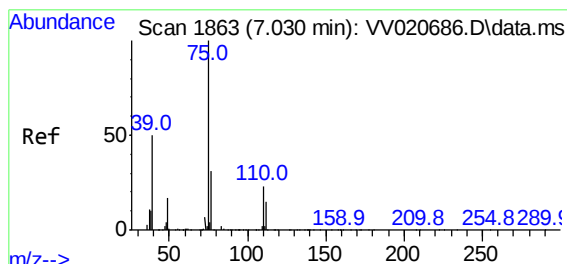
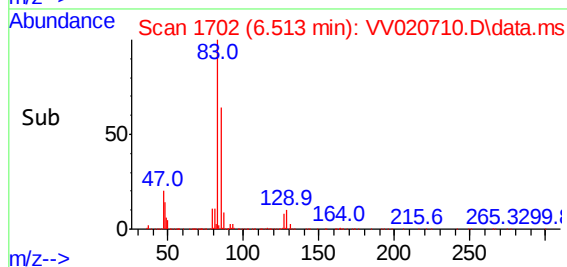
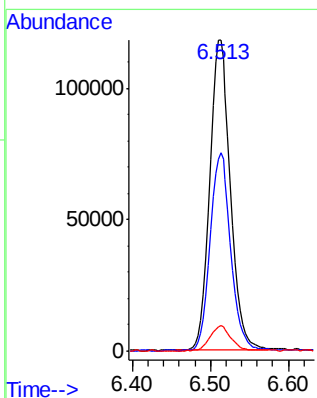
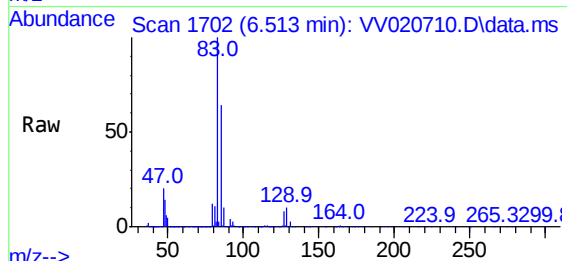




#38
Bromodichloromethane
Concen: 46.17 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

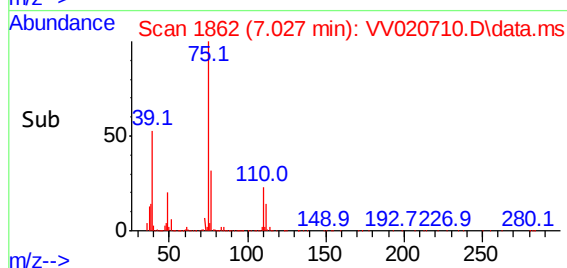
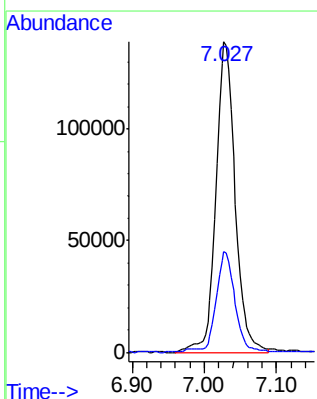
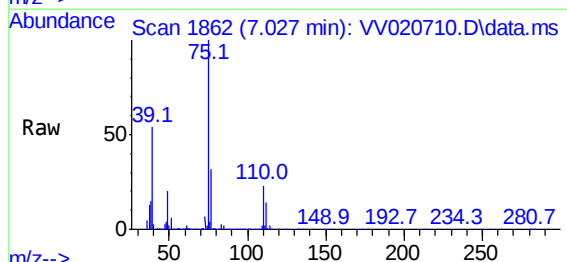
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

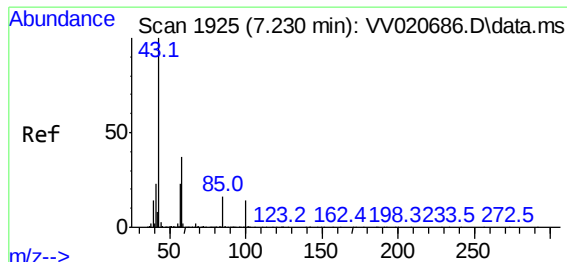
Tgt Ion: 83 Resp: 222683
Ion Ratio Lower Upper
83 100
85 63.8 44.5 82.7
127 8.0 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 47.10 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 75 Resp: 255934
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.6

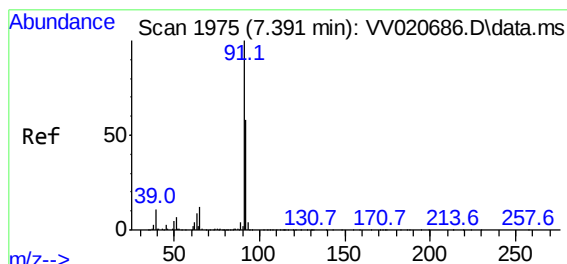
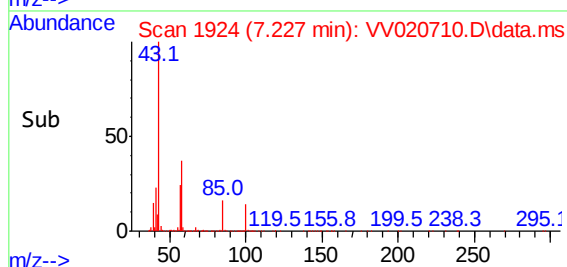
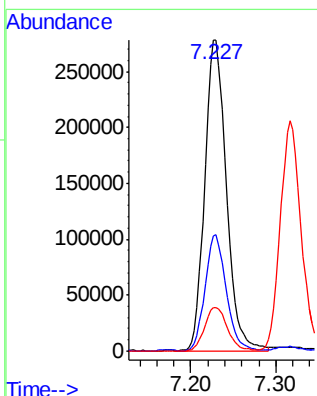
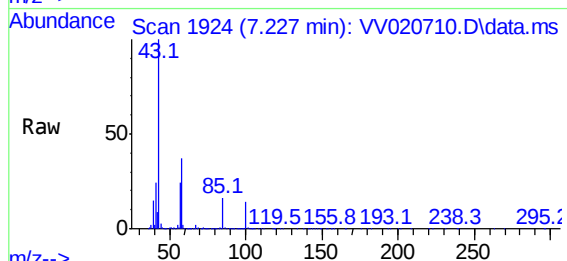




#40
4-Methyl-2-pentanone
Concen: 88.91 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

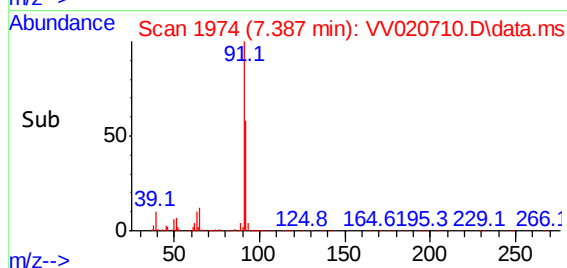
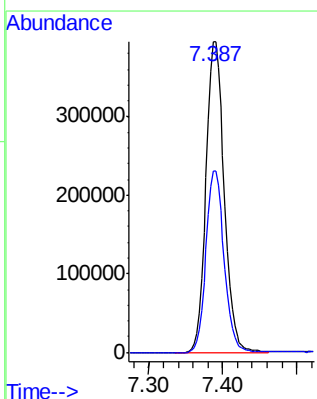
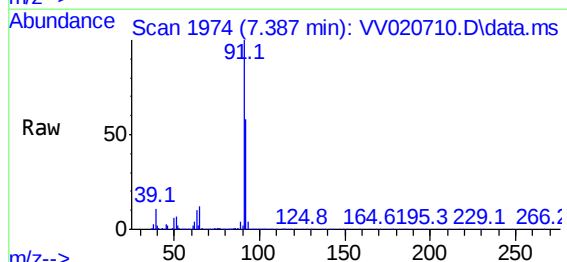
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

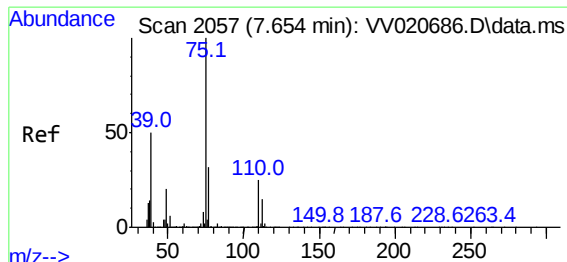
Tgt Ion: 43 Resp: 489801
Ion Ratio Lower Upper
43 100
58 36.6 30.7 46.1
100 14.6 11.6 17.4



#42
Toluene
Concen: 46.04 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 91 Resp: 674326
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.7

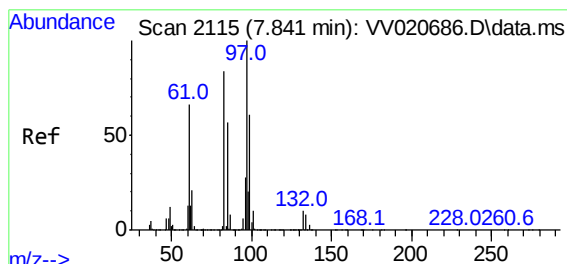
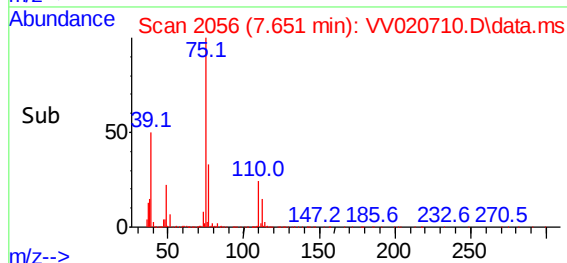
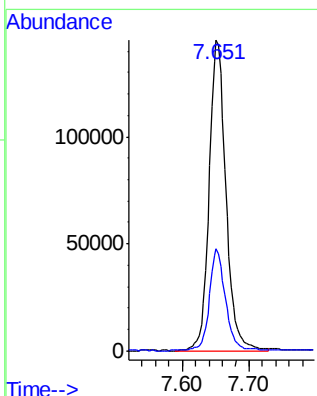
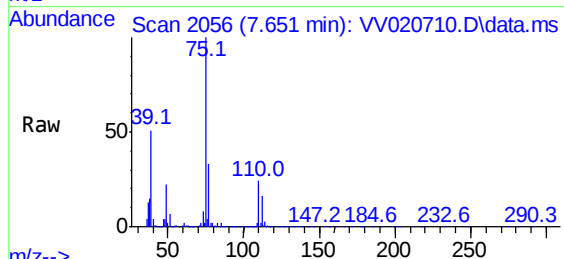




#44
trans-1,3-Dichloropropene
Concen: 47.67 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

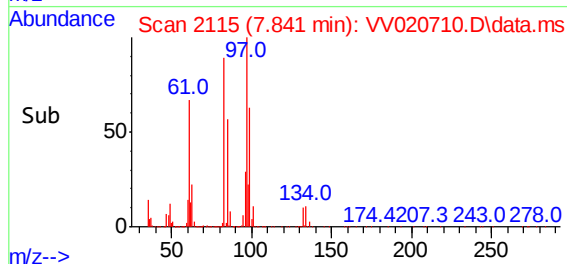
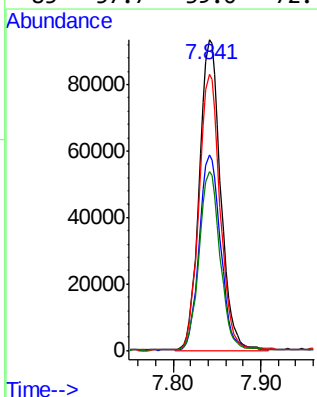
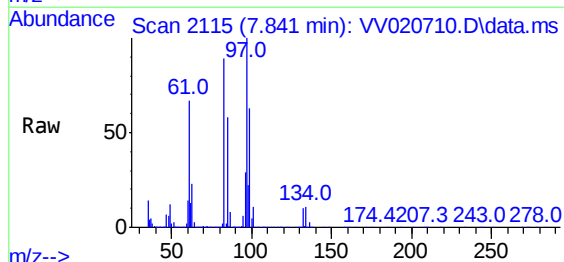
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

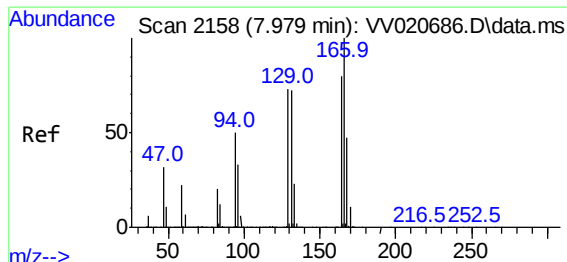
Tgt Ion: 75 Resp: 254603
Ion Ratio Lower Upper
75 100
77 32.8 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 46.24 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 97 Resp: 157817
Ion Ratio Lower Upper
97 100
99 63.0 43.8 81.3
83 89.0 62.2 115.4
85 57.7 39.0 72.4

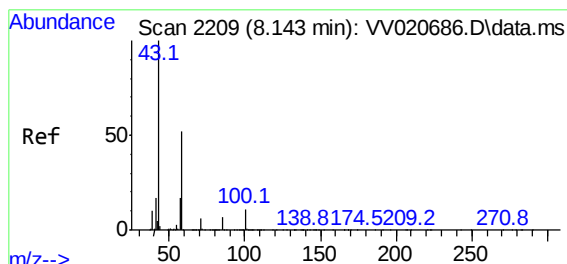
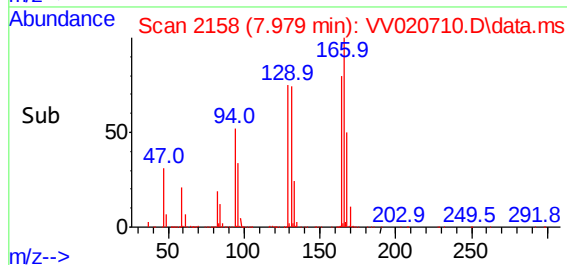
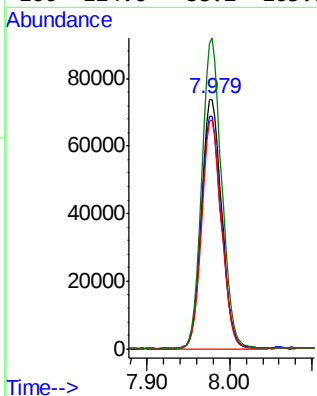
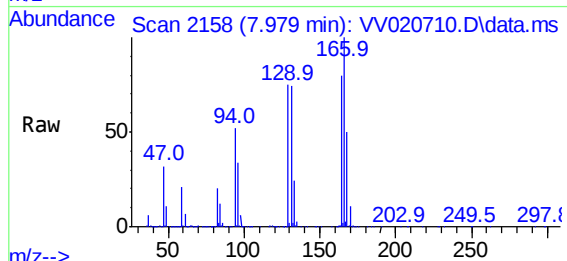




#46
Tetrachloroethene
Concen: 49.51 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

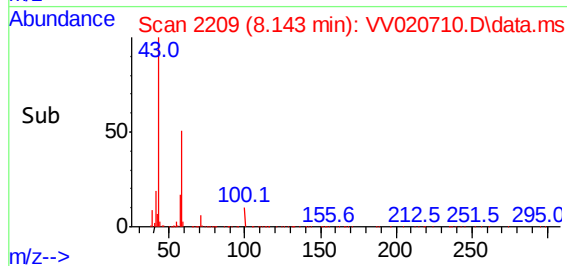
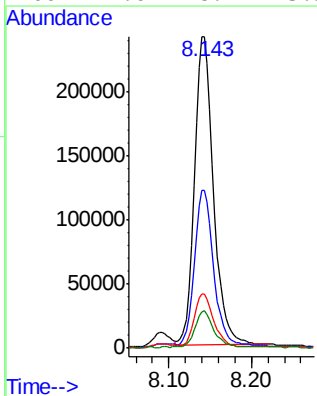
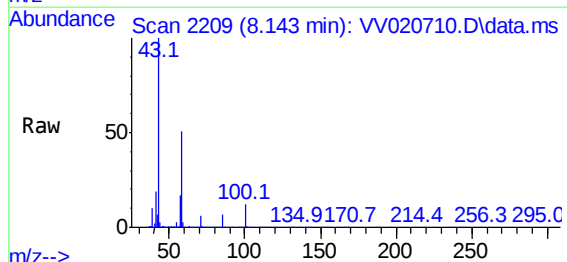
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

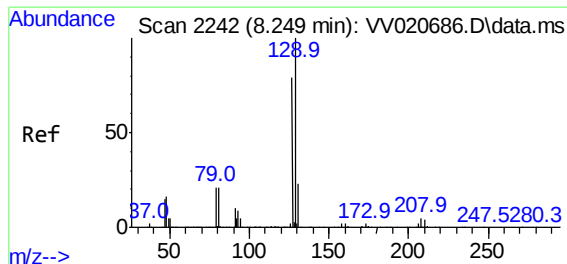
Tgt Ion:164 Resp: 125739
Ion Ratio Lower Upper
164 100
129 93.2 70.6 131.0
131 91.9 66.8 124.0
166 124.6 88.2 163.8



#48
2-Hexanone
Concen: 90.48 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 43 Resp: 389361
Ion Ratio Lower Upper
43 100
58 52.1 41.8 62.6
57 17.1 15.0 22.4
100 11.6 8.9 13.3

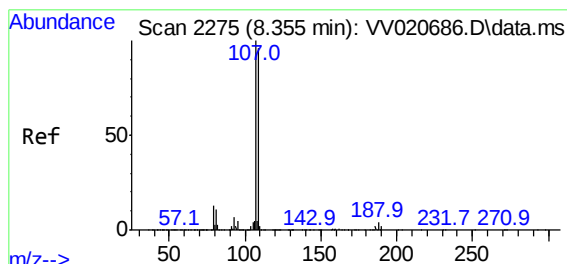
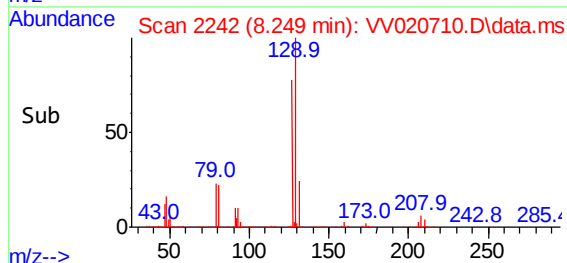
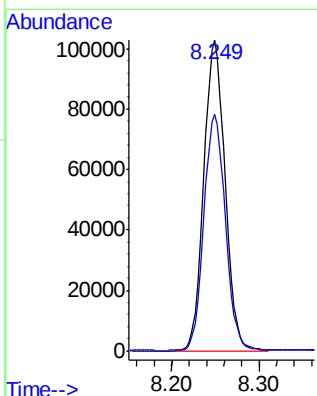
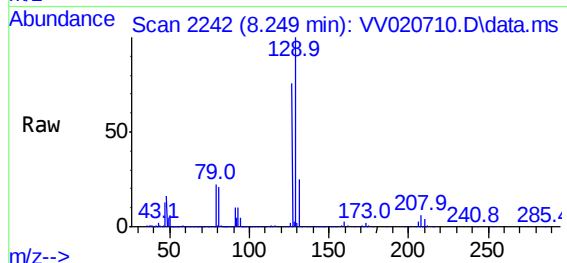




#49
Dibromochloromethane
Concen: 48.87 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

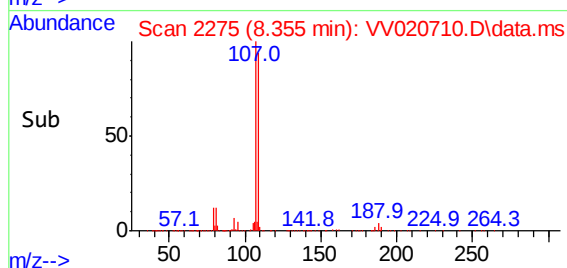
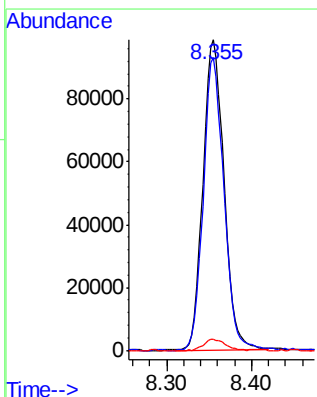
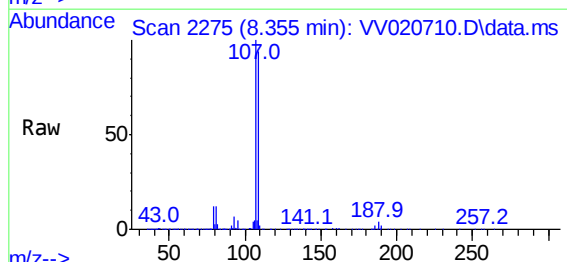
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

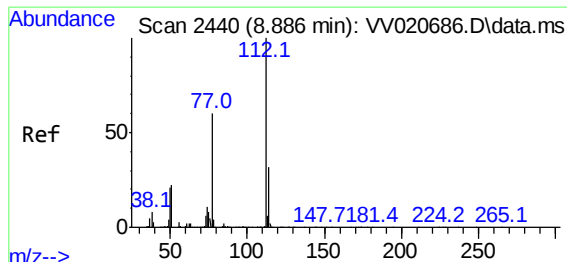
Tgt Ion:129 Resp: 173664
Ion Ratio Lower Upper
129 100
127 76.0 55.2 102.6



#50
1,2-Dibromoethane
Concen: 46.23 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion:107 Resp: 169002
Ion Ratio Lower Upper
107 100
109 94.3 66.2 123.0
188 3.5 2.6 3.8

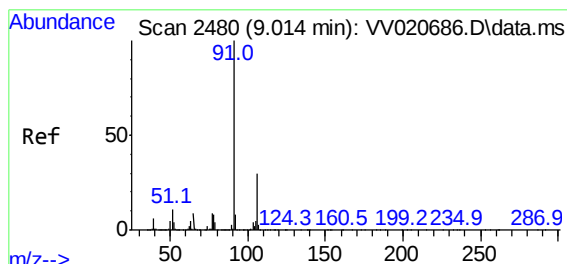
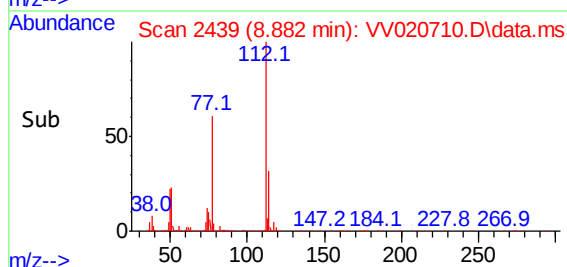
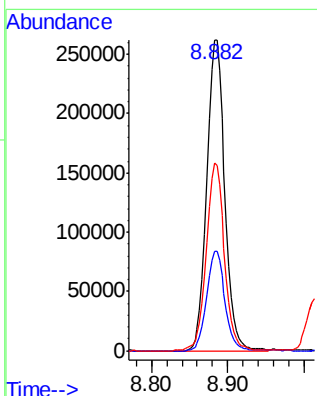
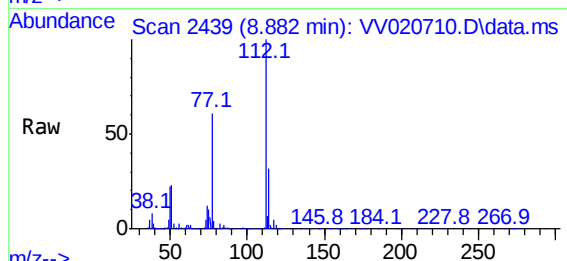




#51
Chlorobenzene
Concen: 45.26 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

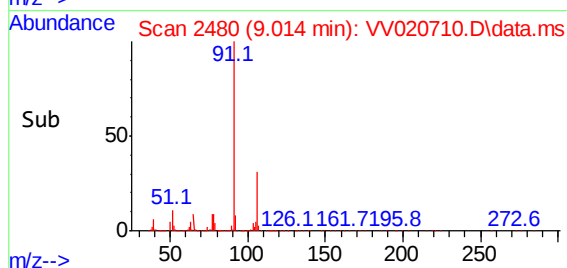
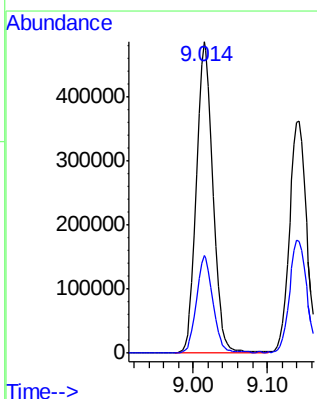
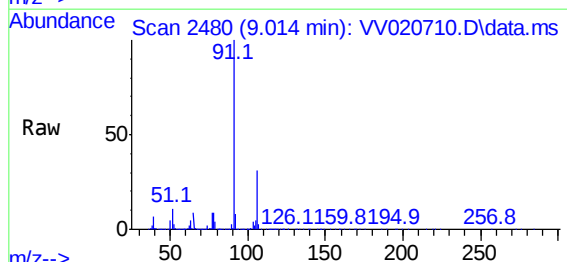
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

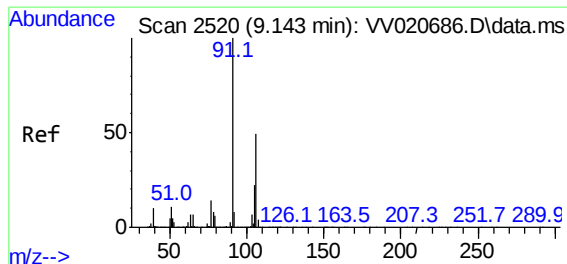
Tgt Ion:112 Resp: 428786
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 60.5 49.0 73.6



#52
Ethylbenzene
Concen: 45.28 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 91 Resp: 750789
Ion Ratio Lower Upper
91 100
106 31.3 21.0 39.0

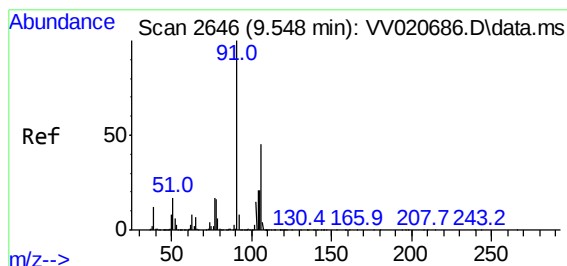
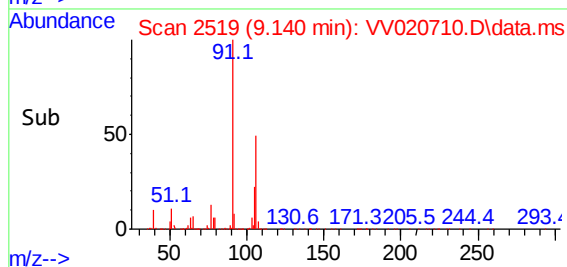
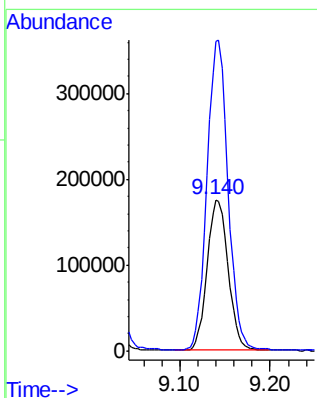
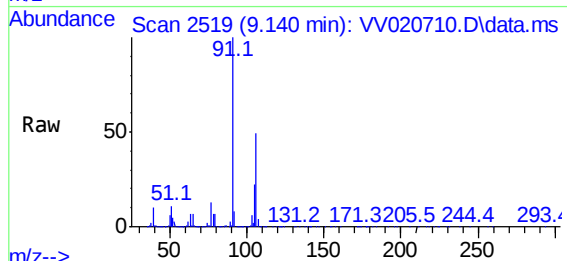




#53
m,p-Xylene
Concen: 46.63 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

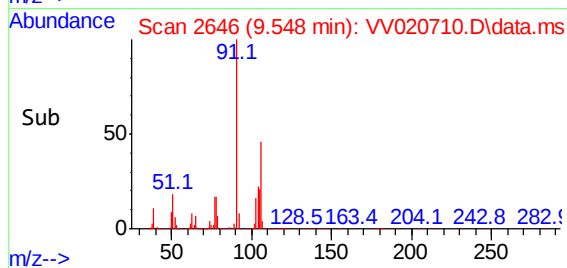
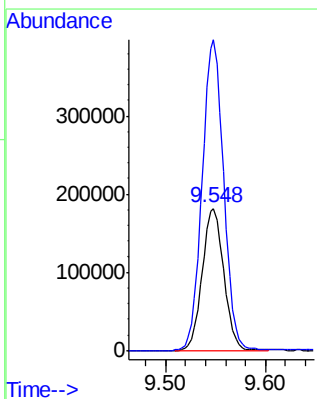
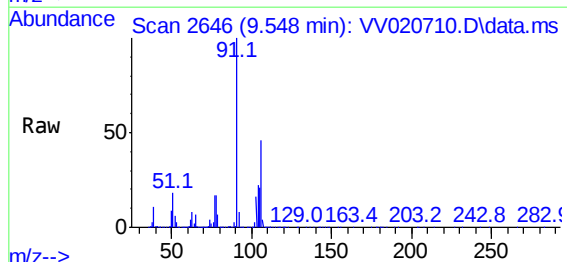
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

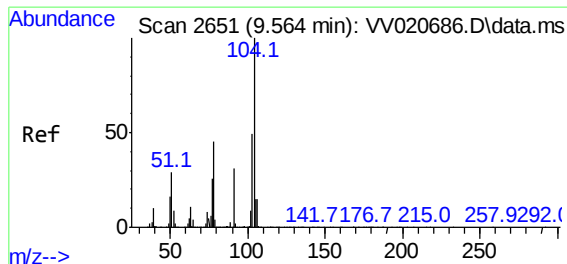
Tgt Ion:106 Resp: 282339
Ion Ratio Lower Upper
106 100
91 205.0 148.1 275.0



#54
o-xylene
Concen: 46.40 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion:106 Resp: 271943
Ion Ratio Lower Upper
106 100
91 218.5 156.4 290.6

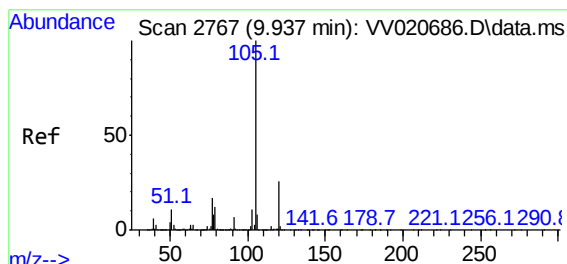
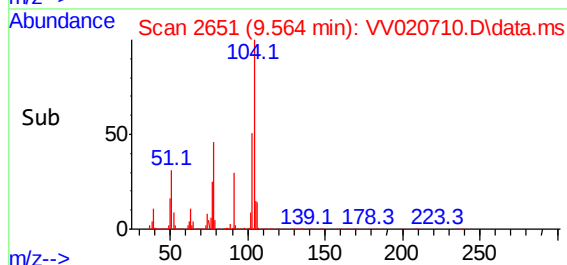
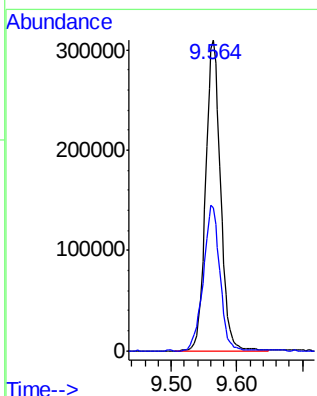
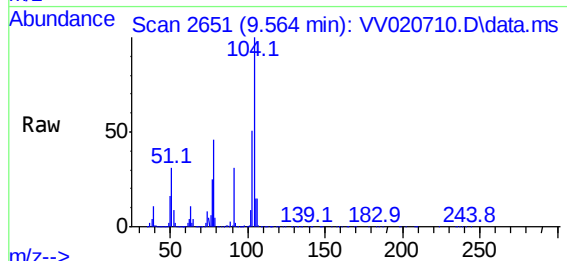




#55
Styrene
Concen: 47.41 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

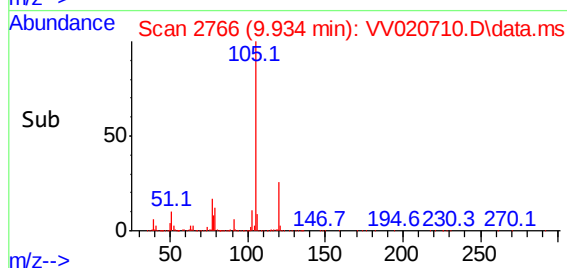
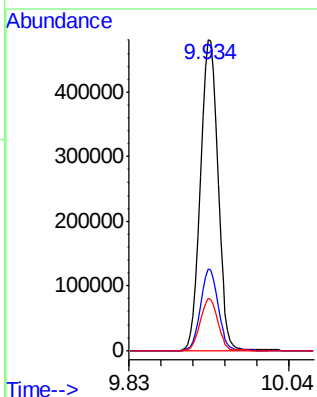
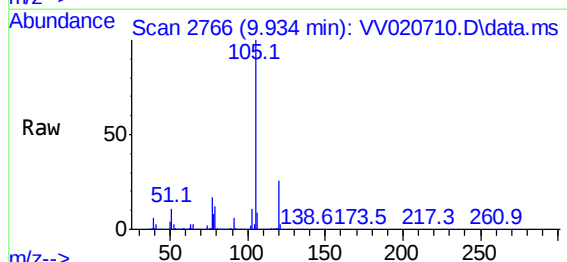
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

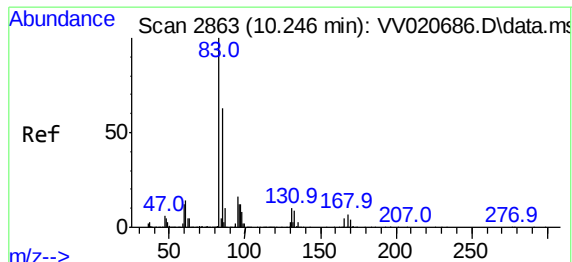
Tgt Ion:104 Resp: 485226
Ion Ratio Lower Upper
104 100
78 46.0 33.7 62.5



#56
Isopropylbenzene
Concen: 46.92 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion:105 Resp: 744089
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.7 13.6 20.4



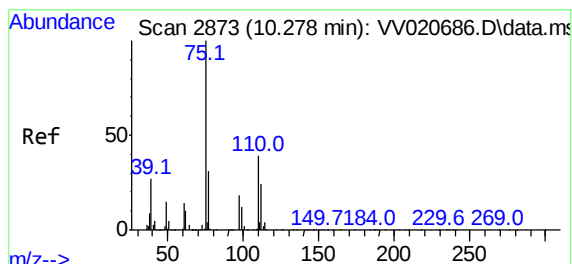
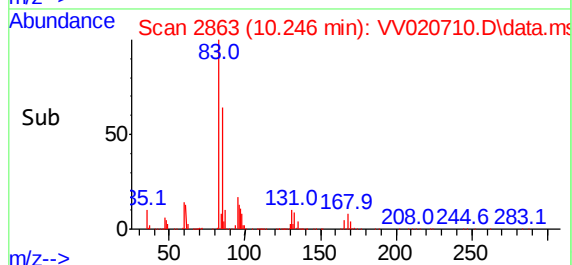
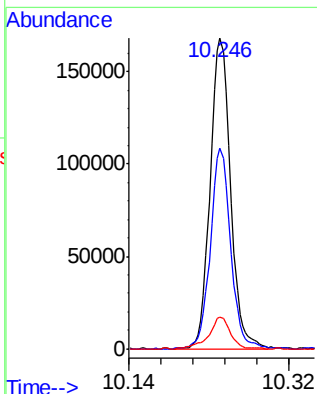
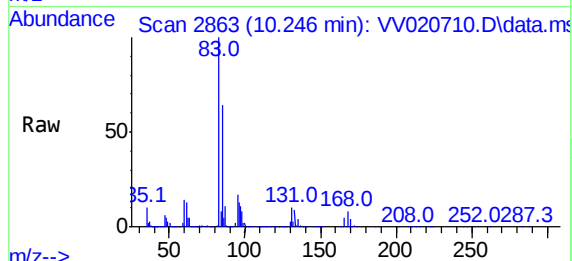


#58
 1,1,2,2-Tetrachloroethane
 Concen: 53.57 ug/L
 RT: 10.246 min Scan# 2863
 Delta R.T. 0.000 min
 Lab File: VV020710.D
 Acq: 23 Mar 2021 10:09

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Tgt Ion: 83 Resp: 271564

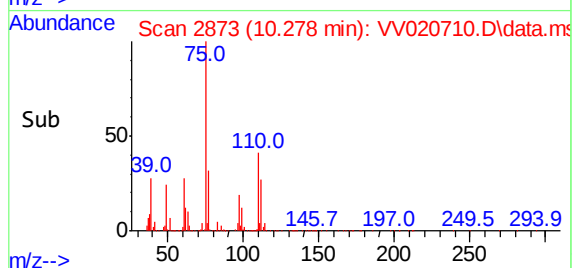
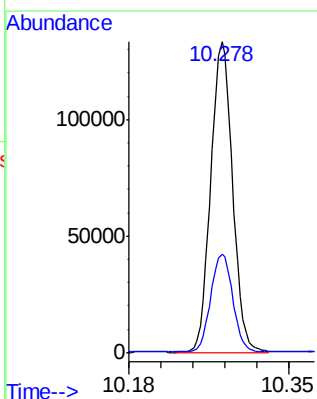
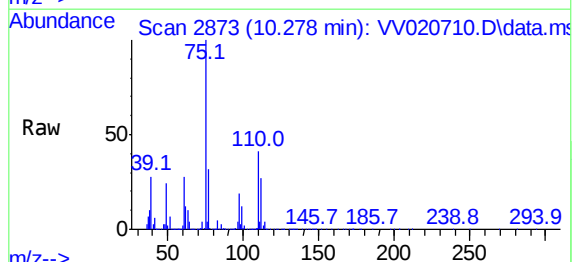
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.3	82.3
131	10.4	7.3	10.9

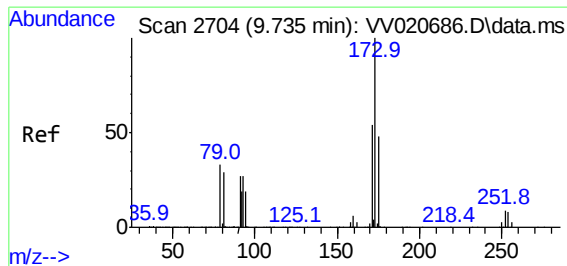


#59
 1,2,3-Trichloropropane
 Concen: 45.06 ug/L
 RT: 10.278 min Scan# 2873
 Delta R.T. 0.000 min
 Lab File: VV020710.D
 Acq: 23 Mar 2021 10:09

Tgt Ion: 75 Resp: 209172

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0

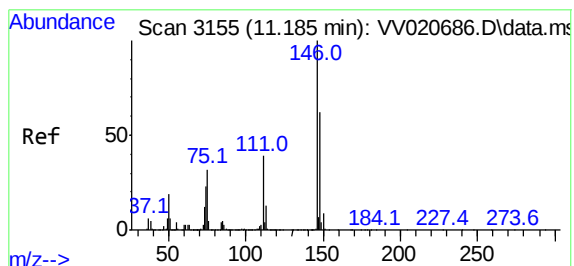
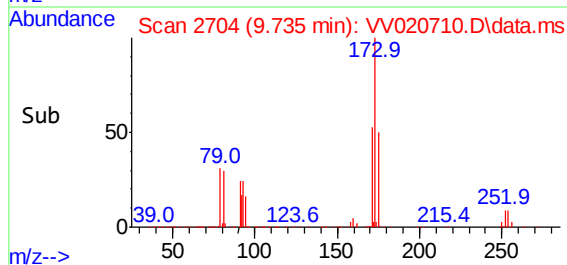
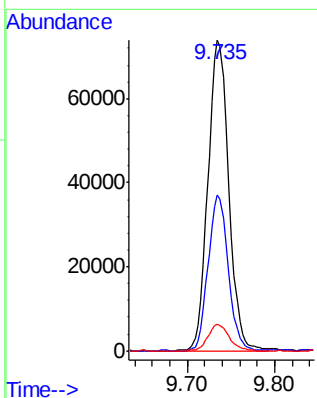
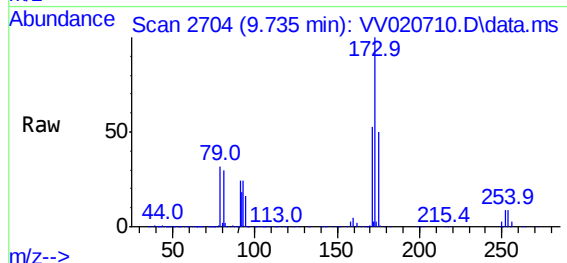




#61
Bromoform
Concen: 50.18 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

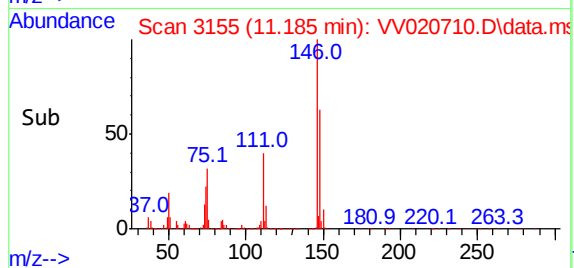
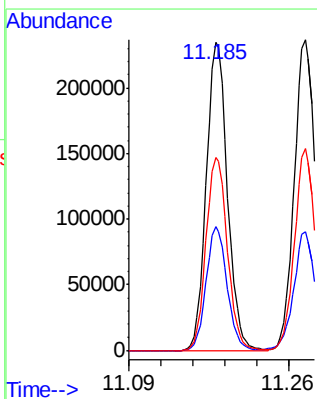
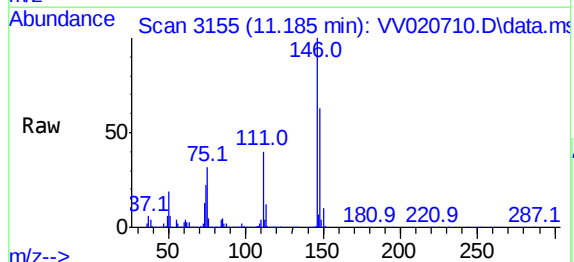
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

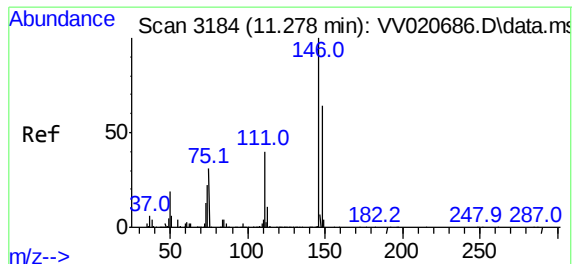
Tgt Ion:173 Resp: 121679
Ion Ratio Lower Upper
173 100
175 48.4 38.6 57.8
254 8.7 6.5 9.7



#62
1,3-Dichlorobenzene
Concen: 45.78 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion:146 Resp: 355688
Ion Ratio Lower Upper
146 100
111 40.2 30.2 56.2
148 62.7 45.0 83.6

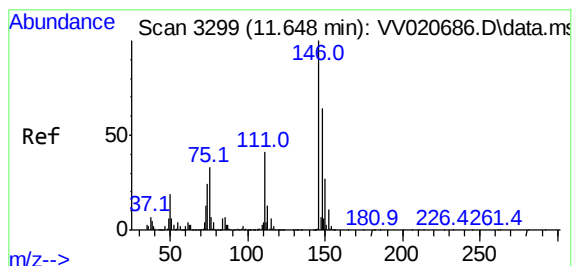
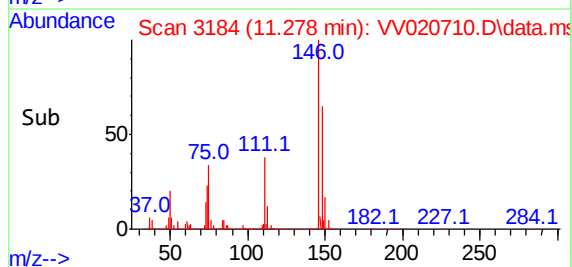
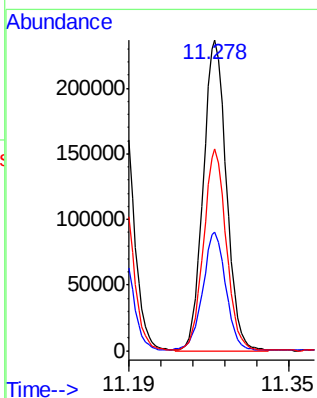
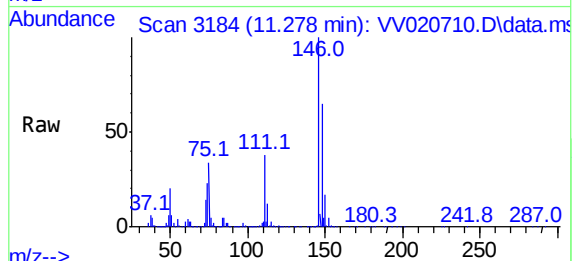




#63
1,4-Dichlorobenzene
Concen: 45.37 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

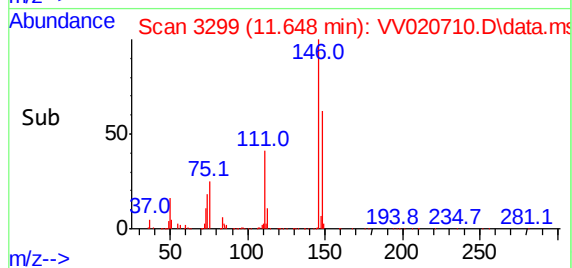
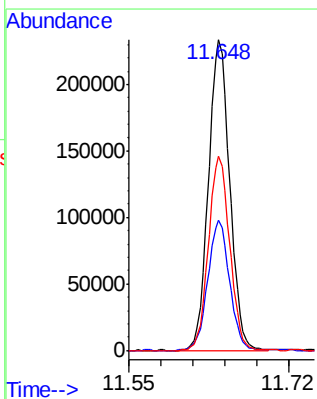
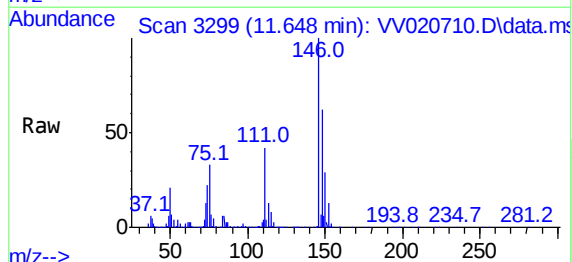
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

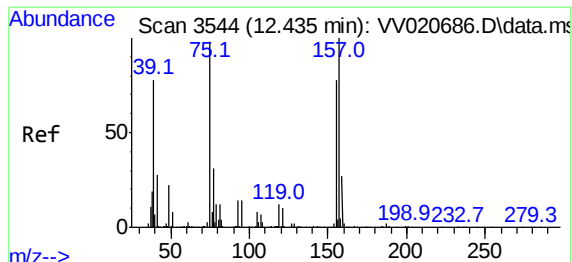
Tgt Ion:146 Resp: 367916
Ion Ratio Lower Upper
146 100
111 38.1 29.4 54.6
148 64.9 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 46.04 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion:146 Resp: 356052
Ion Ratio Lower Upper
146 100
111 41.8 36.3 54.5
148 62.4 51.7 77.5

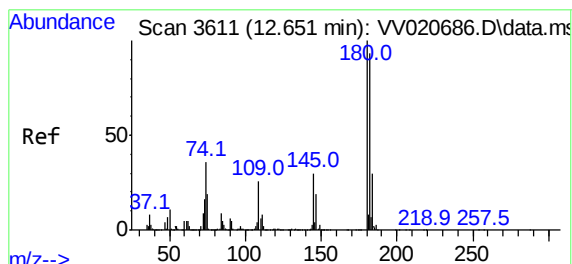
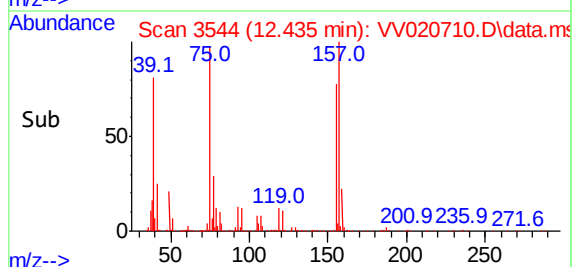
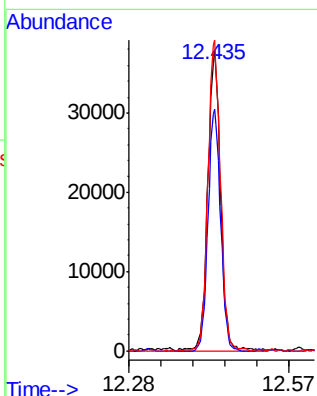
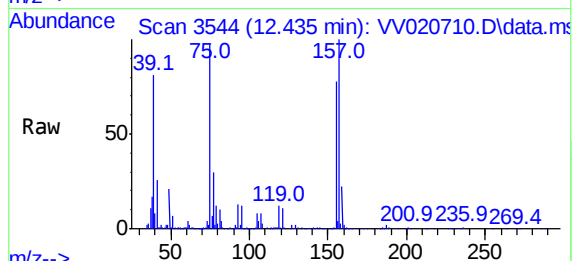




#66
1,2-Dibromo-3-chloropropane
Concen: 51.59 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

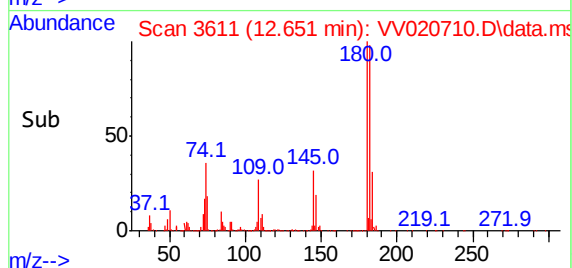
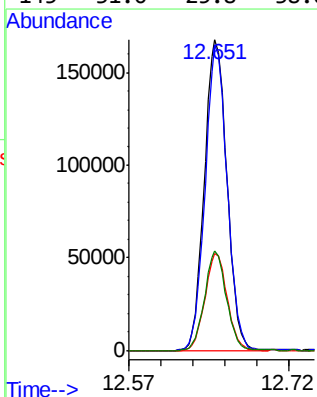
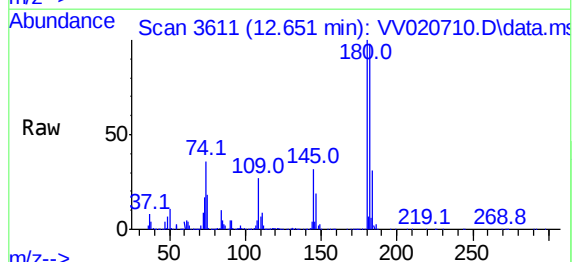
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

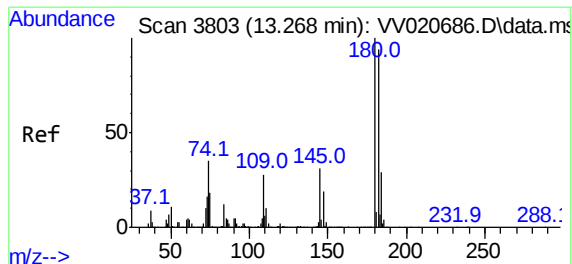
Tgt Ion: 75 Resp: 60247
Ion Ratio Lower Upper
75 100
155 80.7 59.1 88.7
157 103.5 75.4 113.0



#67
1,3,5-Trichlorobenzene
Concen: 45.92 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion: 180 Resp: 254089
Ion Ratio Lower Upper
180 100
182 96.1 75.0 112.6
184 30.6 24.0 36.0
145 31.0 25.8 38.6

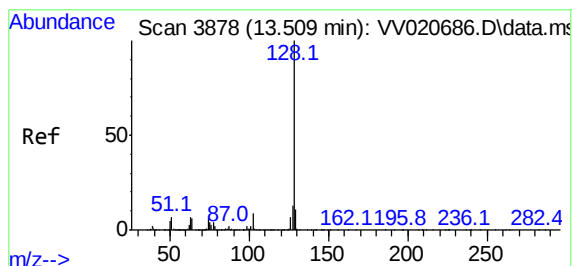
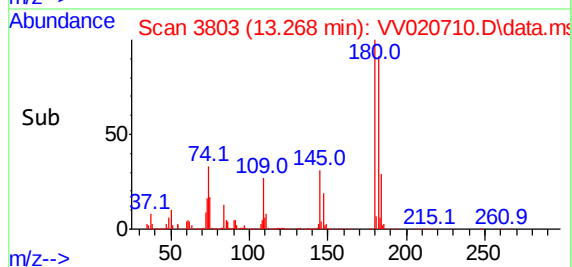
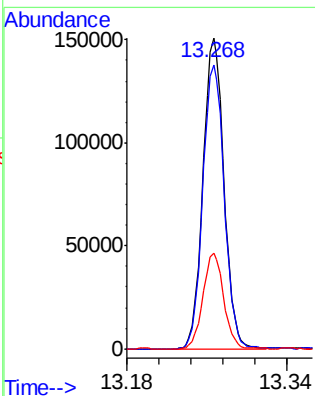
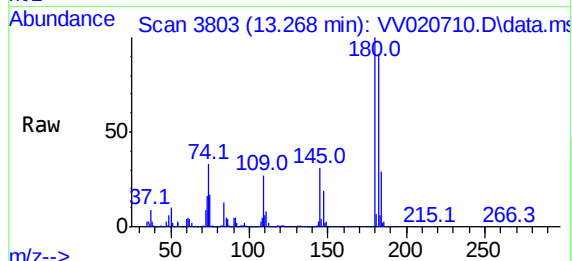




#68
1,2,4-trichlorobenzene
Concen: 47.10 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

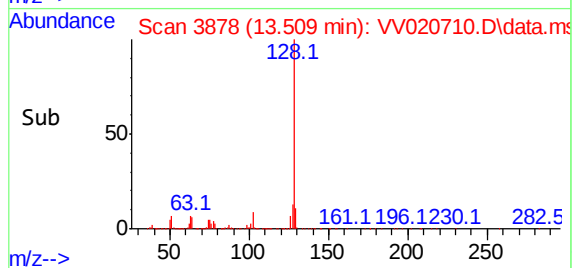
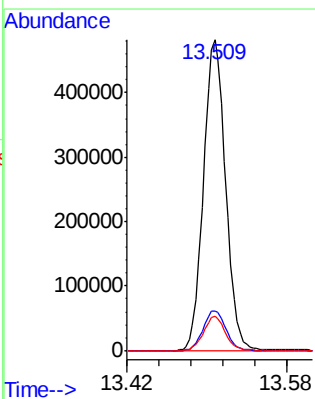
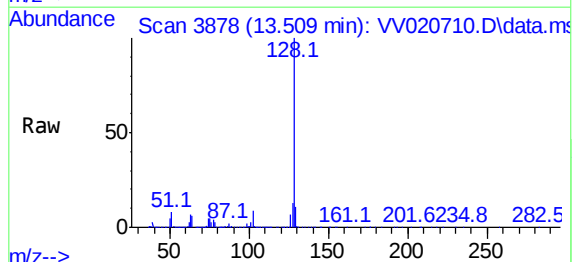
Instrument :
MSVOA_V
ClientSampleId :
VSTD05061

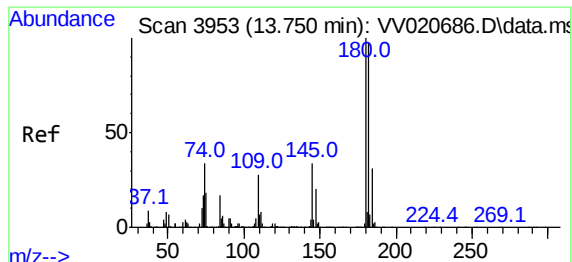
Tgt Ion:	180	Resp:	226247
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.1	112.7
145	30.4	26.8	40.2



#69
Naphthalene
Concen: 47.46 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020710.D
Acq: 23 Mar 2021 10:09

Tgt Ion:	128	Resp:	741224
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.6	8.6	13.0





#70
 1,2,3-Trichlorobenzene
 Concen: 47.73 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. 0.000 min
 Lab File: VV020710.D
 Acq: 23 Mar 2021 10:09

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Tgt Ion:180 Resp: 227282

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.1	114.1
145	32.8	27.9	41.9

