

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020563.D
 Acq On : 12 Mar 2021 14:02
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00563

Quant Time: Mar 12 15:30:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:29:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	443559	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	429653	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	200691	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17625	5.31	ug/L	0.00
7) Chloroethane-d5	1.571	69	14363	5.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	33828	5.89	ug/L	0.00
21) 2-Butanone-d5	3.892	46	400	0.22	ug/L	0.00
24) Chloroform-d	4.352	84	28582	4.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	17432	4.85	ug/L	0.00
32) Benzene-d6	5.053	84	55392	5.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	16354	4.81	ug/L	0.00
41) Toluene-d8	7.320	98	46693	4.46	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	6647	4.12	ug/L	0.00
47) 2-Hexanone-d5	8.104	63	8433	6.88	ug/L	0.01
57) 1,1,2,2-Tetrachloroeth...	10.223	84	19679	4.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	18778	4.82	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	19905	5.00	ug/L	99
3) Chloromethane	1.243	50	20582	5.56	ug/L	95
5) Vinyl chloride	1.314	62	21788	5.69	ug/L	100
6) Bromomethane	1.526	94	12842	5.03	ug/L	91
8) Chloroethane	1.587	64	13045	5.93	ug/L	91
9) Trichlorofluoromethane	1.754	101	30260	5.55	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	16515	5.61	ug/L	96
12) 1,1-Dichloroethene	2.121	96	15303	5.28	ug/L	86
13) Acetone	2.188	43	21436	16.48	ug/L	73
14) Carbon disulfide	2.297	76	46635	5.67	ug/L	98
16) Methylene chloride	2.510	84	17507	5.51	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	16201	5.34	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	44324	5.25	ug/L	97
19) 1,1-Dichloroethane	3.191	63	29211	5.58	ug/L	99
23) Bromochloromethane	4.256	128	7527	4.25	ug/L	95
25) Chloroform	4.384	83	32130	5.60	ug/L	97
27) 1,2-Dichloroethane	5.137	62	24779	5.80	ug/L	98
29) Cyclohexane	4.677	56	24704	5.95	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	26049	5.42	ug/L	98
31) Carbon tetrachloride	4.834	117	20491	4.87	ug/L	94
33) Benzene	5.104	78	62572	5.36	ug/L	100
34) Trichloroethene	5.918	95	18252	5.28	ug/L	97
35) Methylcyclohexane	6.127	83	23228	5.14	ug/L	94
37) 1,2-Dichloropropane	6.182	63	15674	5.34	ug/L #	94
38) Bromodichloromethane	6.513	83	20491	5.20	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	20964	4.73	ug/L	95
40) 4-Methyl-2-pentanone	7.233	43	41760	11.43	ug/L	97
42) Toluene	7.394	91	60355	4.76	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	19449	4.49	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	13190	4.29	ug/L	96
46) Tetrachloroethene	7.979	164	11389	4.14	ug/L	93
48) 2-Hexanone	8.149	43	33660	11.85	ug/L #	91

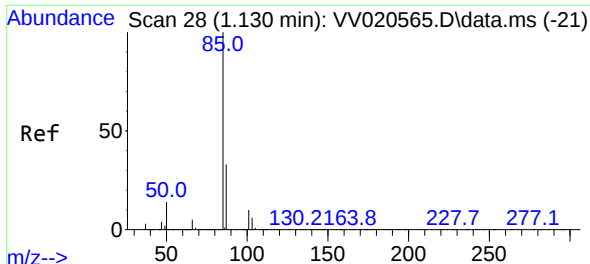
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031321\
 Data File : VV020563.D
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 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:29:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.249	129	14756	4.46	ug/L	96
50) 1,2-Dibromoethane	8.358	107	16008	4.88	ug/L	93
51) Chlorobenzene	8.886	112	43785	4.99	ug/L	95
52) Ethylbenzene	9.017	91	69527	4.94	ug/L	97
53) m,p-Xylene	9.143	106	25107	4.67	ug/L	93
54) o-xylene	9.548	106	23953	4.62	ug/L	99
55) Styrene	9.567	104	39595	4.41	ug/L	95
56) Isopropylbenzene	9.937	105	63474	4.59	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.246	83	19762	4.66	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	19907	5.11	ug/L	97
61) Bromoform	9.738	173	8542	4.24	ug/L	91
62) 1,3-Dichlorobenzene	11.188	146	31531	5.15	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	34190	5.36	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	31233	5.08	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.439	75	3856	4.96	ug/L	91
67) 1,3,5-Trichlorobenzene	12.651	180	22891	4.90	ug/L	99
68) 1,2,4-trichlorobenzene	13.271	180	18454	4.58	ug/L	97
69) Naphthalene	13.512	128	55190	4.97	ug/L	98
70) 1,2,3-Trichlorobenzene	13.754	180	18648	4.59	ug/L	97

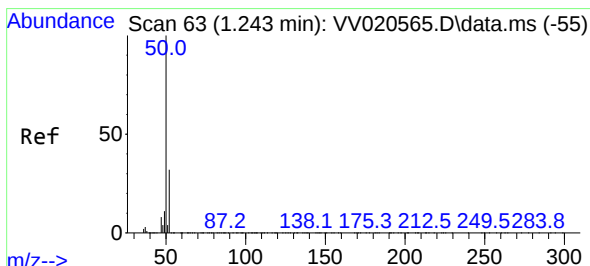
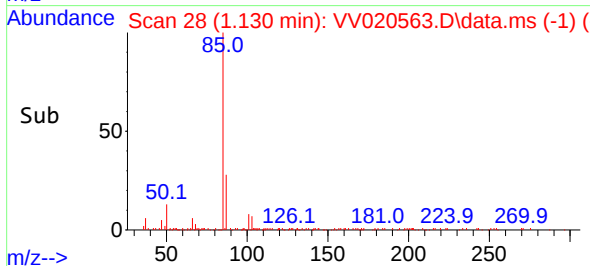
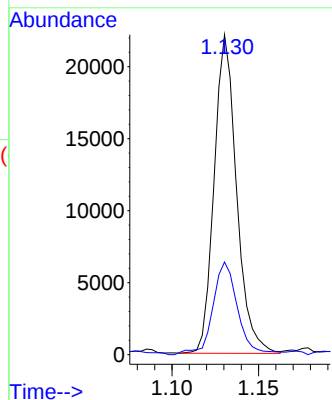
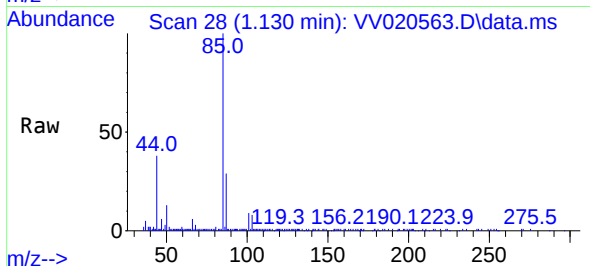
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.00 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

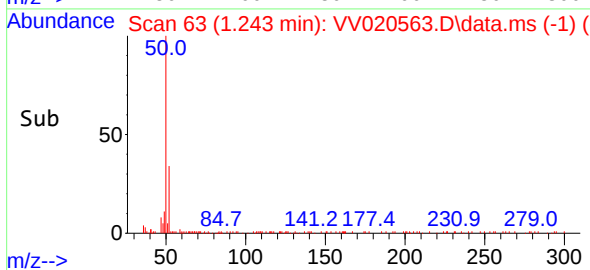
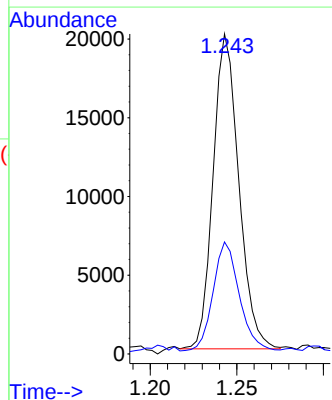
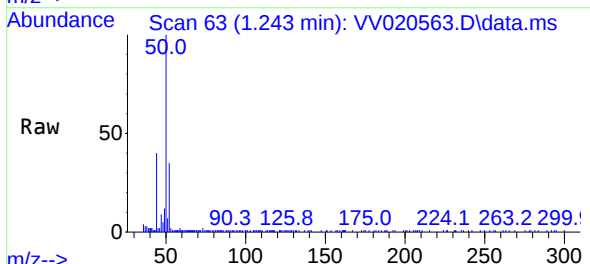
Instrument :
MSVOA_V
ClientSampled :
VSTD00563

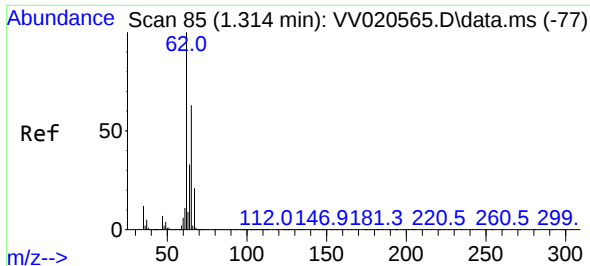
Tgt Ion: 85 Resp: 19905
Ion Ratio Lower Upper
85 100
87 32.0 25.9 38.9



#3
Chloromethane
Concen: 5.56 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion: 50 Resp: 20582
Ion Ratio Lower Upper
50 100
52 35.0 22.7 42.1



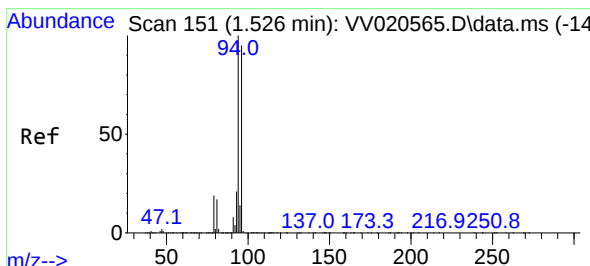
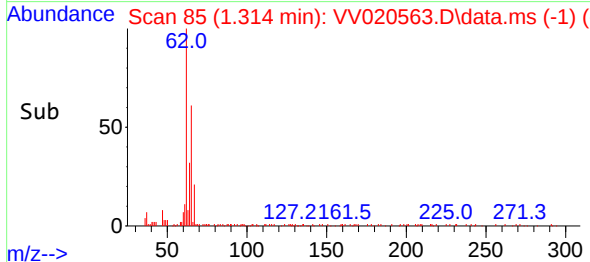
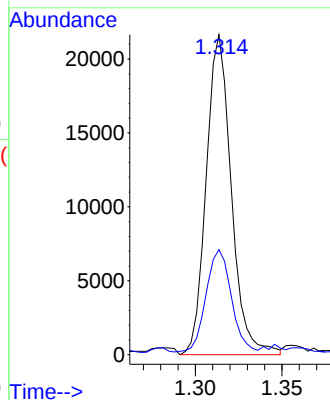
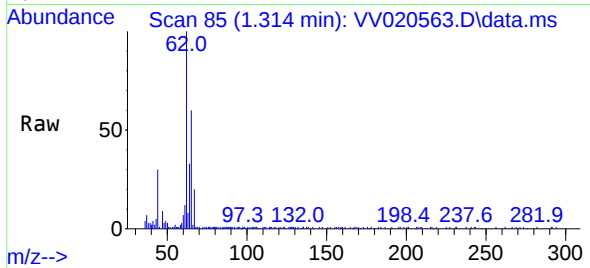


#5
 Vinyl chloride
 Concen: 5.69 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020563.D
 Acq: 12 Mar 2021 14:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00563

Tgt Ion: 62 Resp: 21788

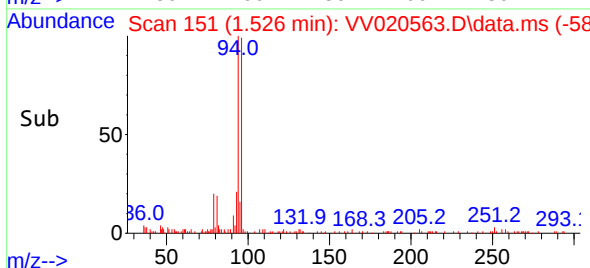
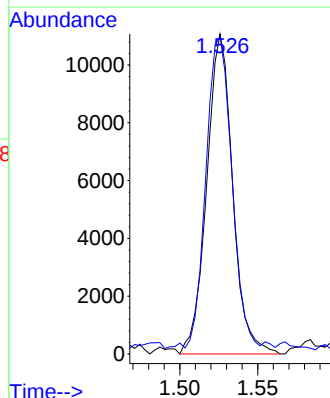
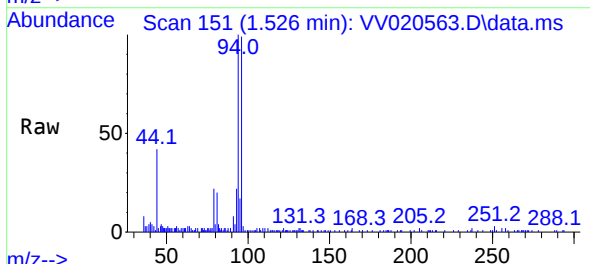
Ion	Ratio	Lower	Upper
62	100		
64	32.8	23.0	42.6

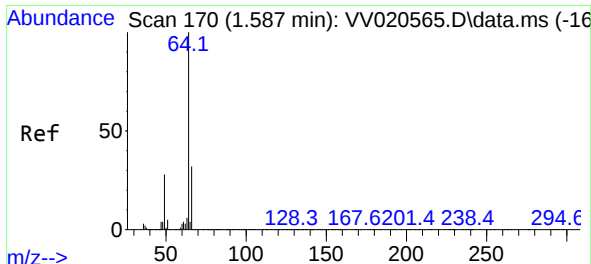


#6
 Bromomethane
 Concen: 5.03 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV020563.D
 Acq: 12 Mar 2021 14:02

Tgt Ion: 94 Resp: 12842

Ion	Ratio	Lower	Upper
94	100		
96	99.3	63.6	118.2

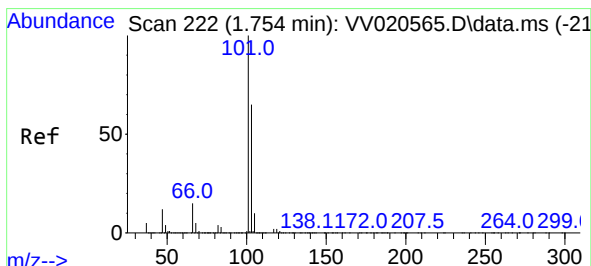
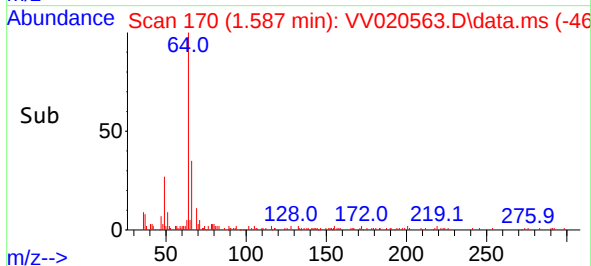
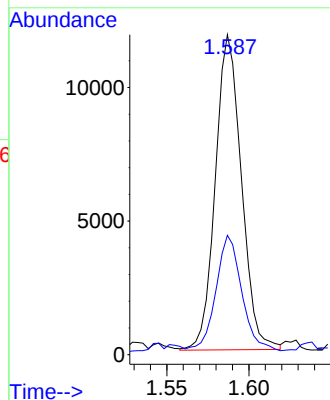
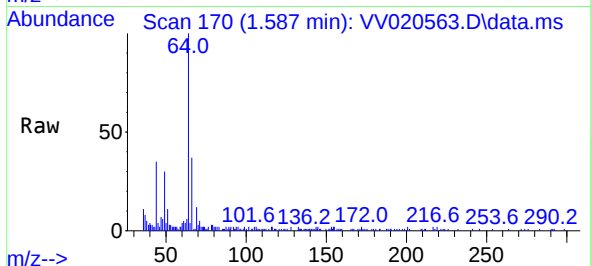




#8
Chloroethane
Concen: 5.93 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

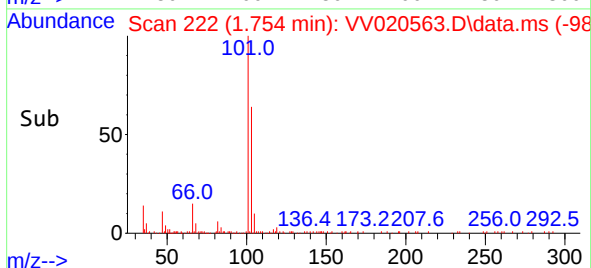
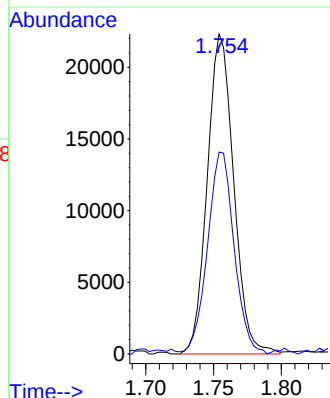
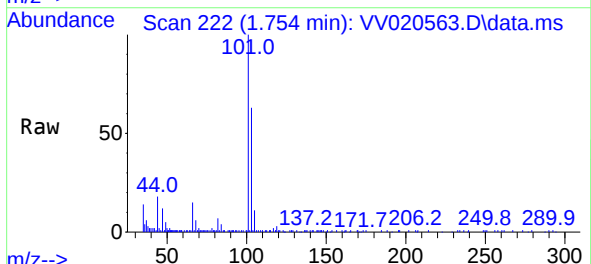
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

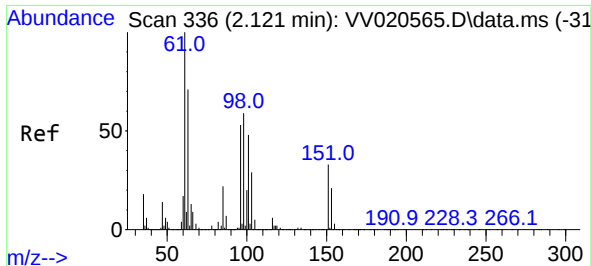
Tgt Ion: 64 Resp: 13045
Ion Ratio Lower Upper
64 100
66 37.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.55 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion: 101 Resp: 30260
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5

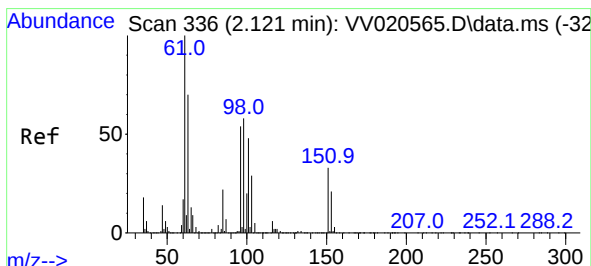
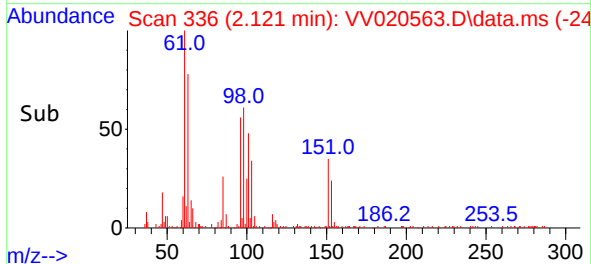
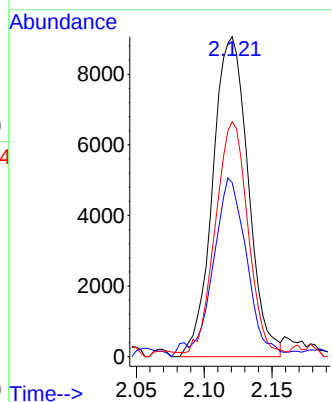
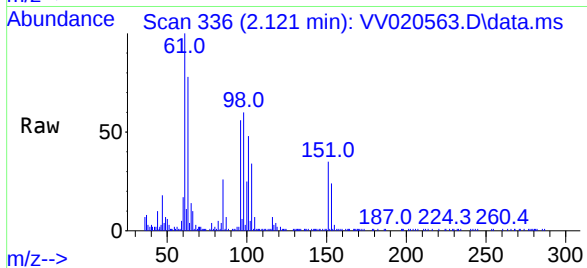




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.61 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

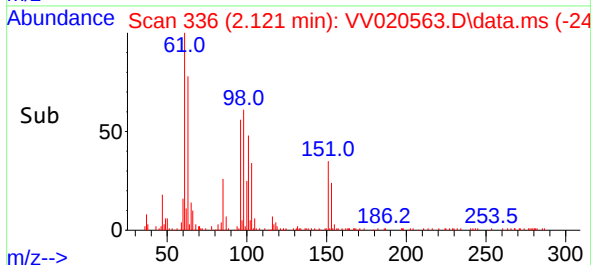
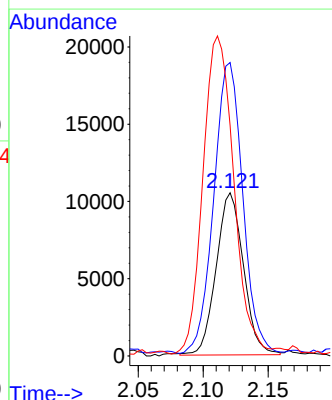
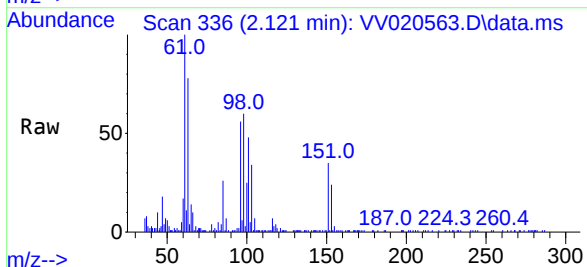
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

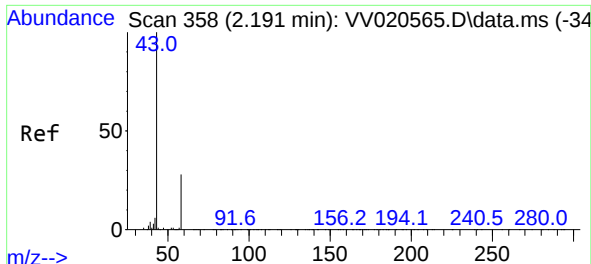
Tgt Ion:	101	Resp:	16515
Ion	Ratio	Lower	Upper
101	100		
85	48.4	35.3	52.9
151	68.5	53.6	80.4



#12
1,1-Dichloroethene
Concen: 5.28 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:	96	Resp:	15303
Ion	Ratio	Lower	Upper
96	100		
61	179.9	134.9	250.5
63	141.1	117.6	218.4

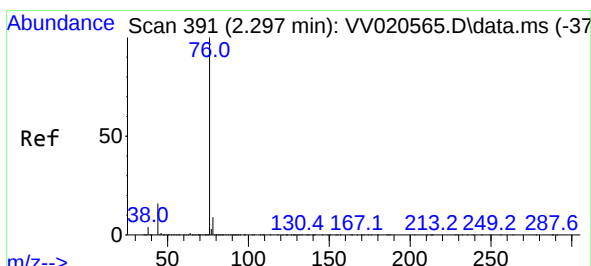
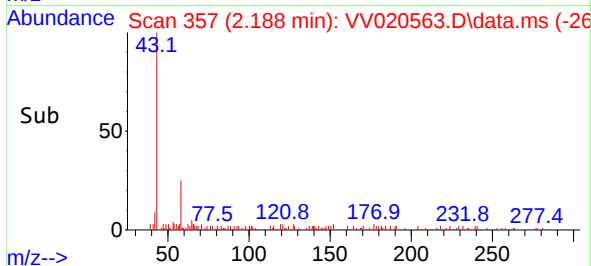
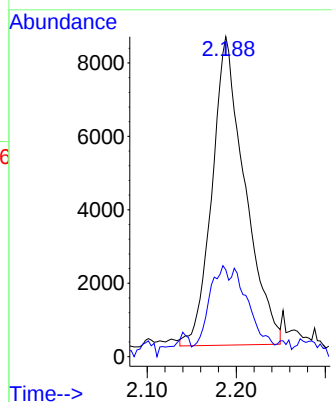
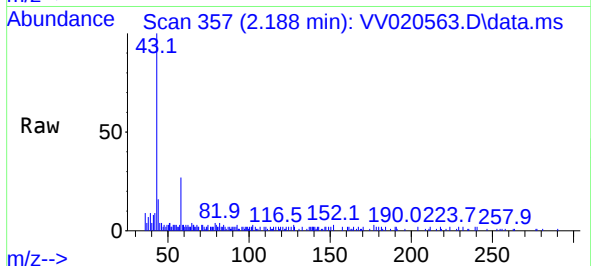




#13
Acetone
Concen: 16.48 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

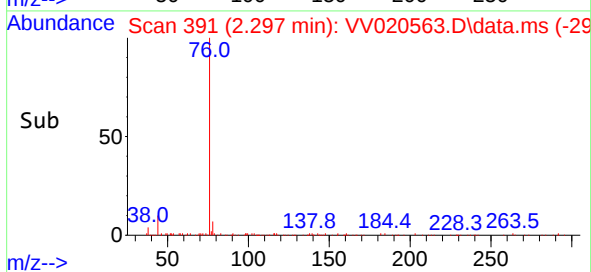
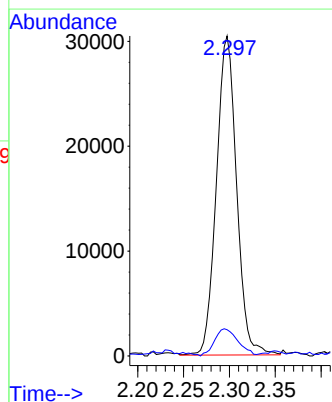
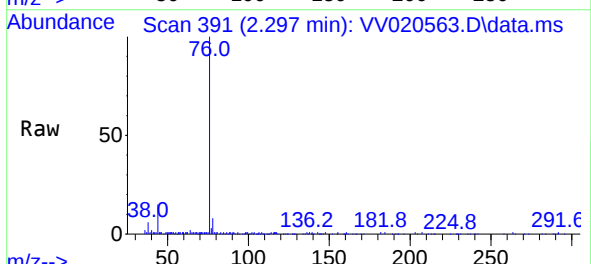
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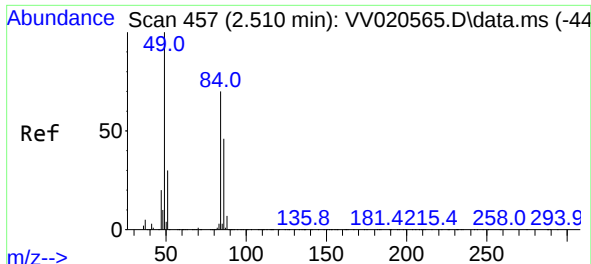
Tgt Ion: 43 Resp: 21436
Ion Ratio Lower Upper
43 100
58 15.4 0.0 60.2



#14
Carbon disulfide
Concen: 5.67 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion: 76 Resp: 46635
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8

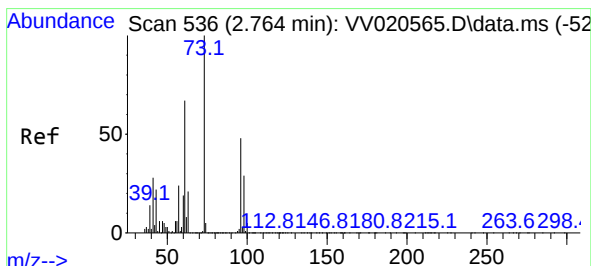
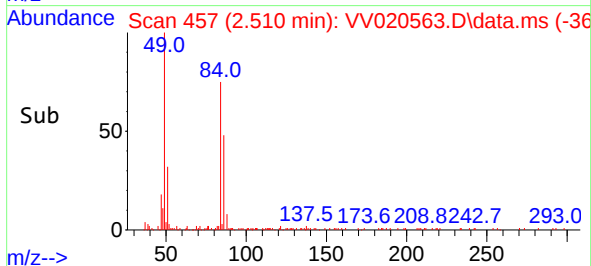
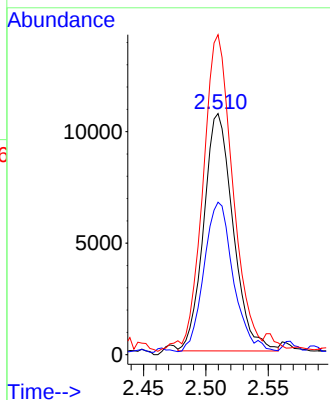
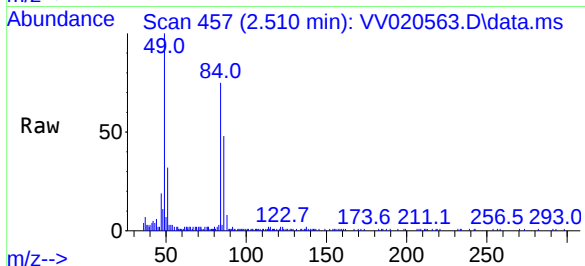




#16
Methylene chloride
Concen: 5.51 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

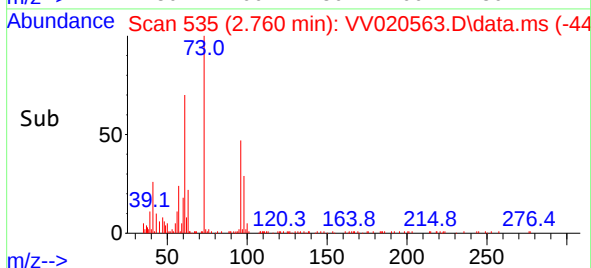
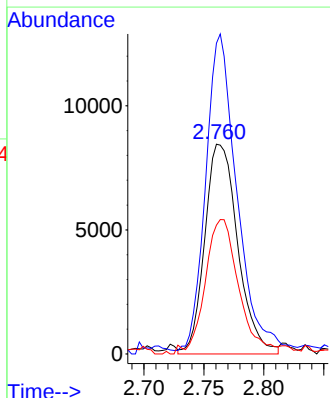
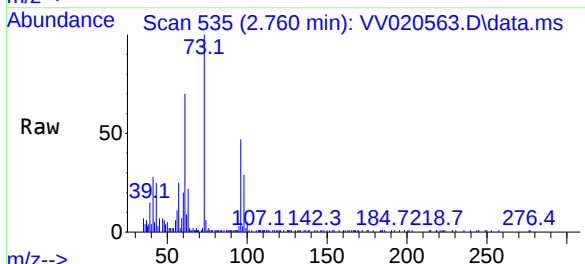
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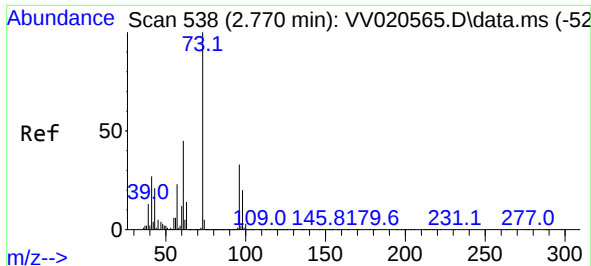
Tgt Ion:	84	Resp:	17507
Ion	Ratio	Lower	Upper
84	100		
86	63.3	44.6	82.8
49	132.7	94.6	175.8



#17
trans-1,2-Dichloroethene
Concen: 5.34 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:	96	Resp:	16201
Ion	Ratio	Lower	Upper
96	100		
61	148.2	103.1	191.5
98	61.4	43.1	80.1



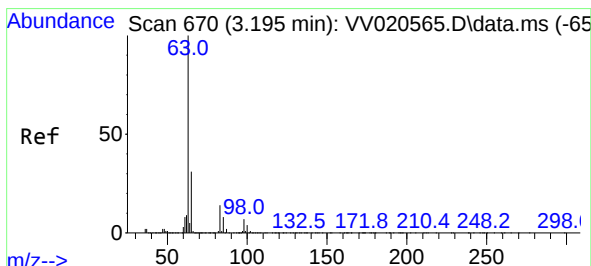
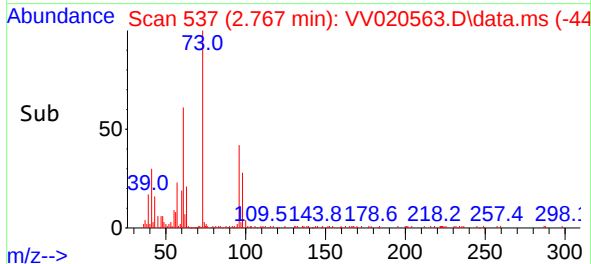
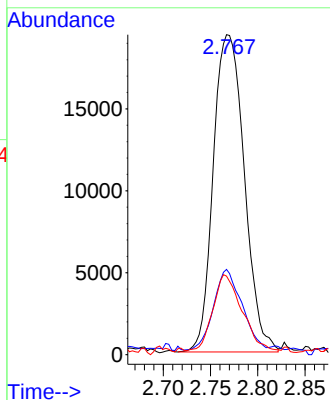
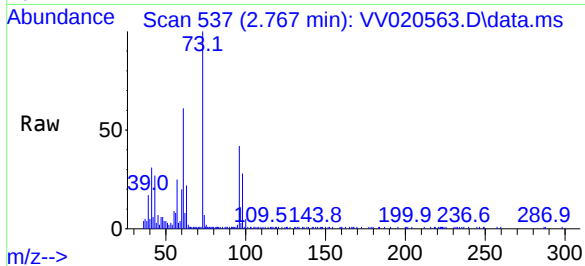


#18
Methyl tert-butyl Ether
Concen: 5.25 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

Tgt Ion: 73 Resp: 44324

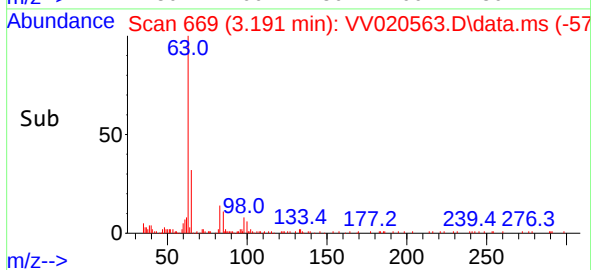
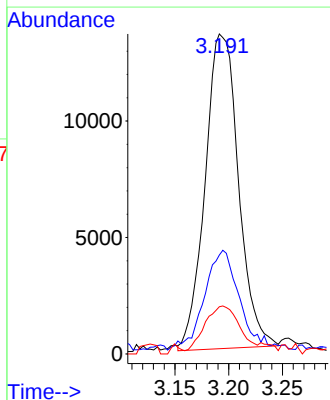
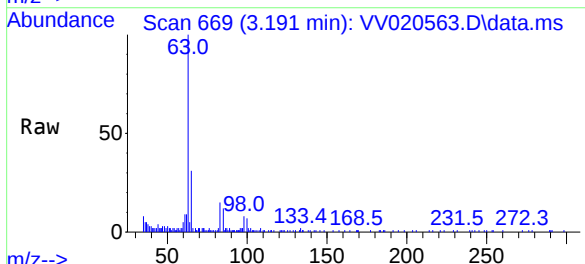
Ion	Ratio	Lower	Upper
73	100		
43	23.1	17.3	25.9
57	23.8	17.9	26.9

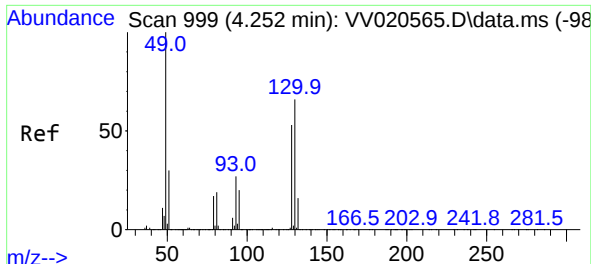


#19
1,1-Dichloroethane
Concen: 5.58 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion: 63 Resp: 29211

Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.9	40.7
83	14.8	9.5	17.7



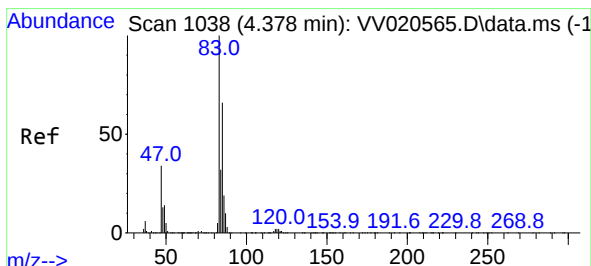
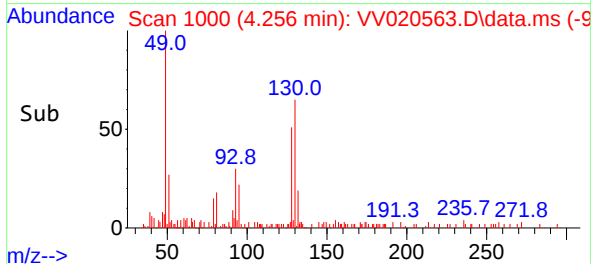
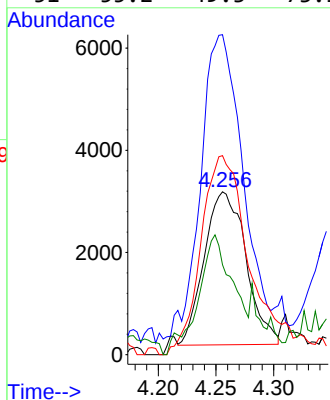
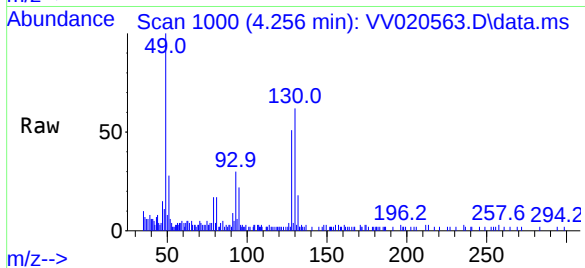


#23
Bromochloromethane
Concen: 4.25 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

Tgt Ion:128 Resp: 7527

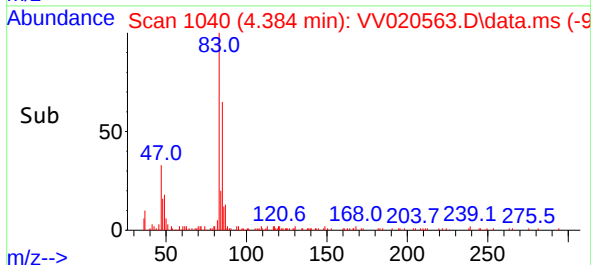
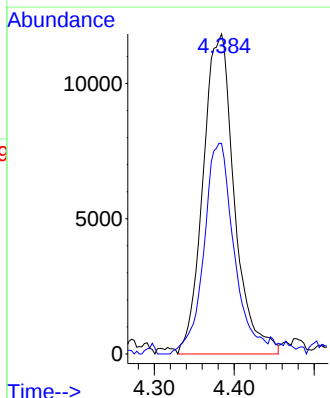
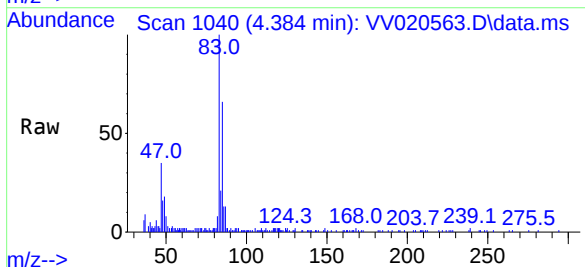
Ion	Ratio	Lower	Upper
128	100		
49	196.5	133.1	247.1
130	122.2	89.0	165.4
51	55.2	49.3	73.9

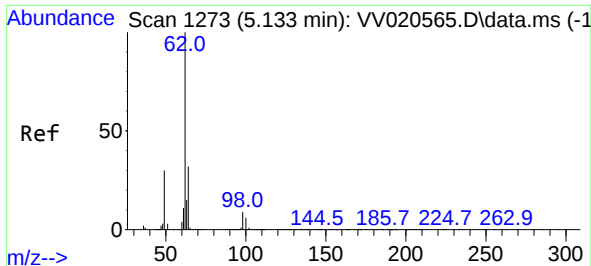


#25
Chloroform
Concen: 5.60 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion: 83 Resp: 32130

Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.2	82.2

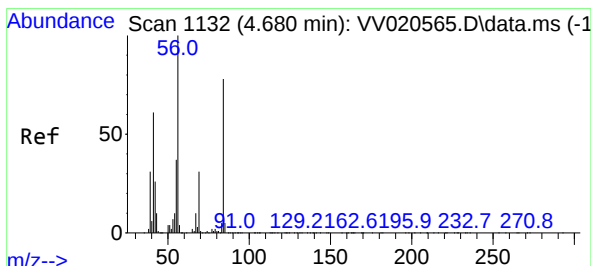
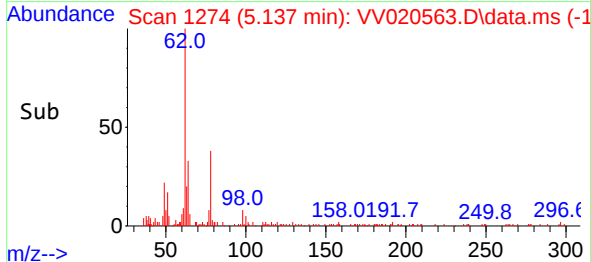
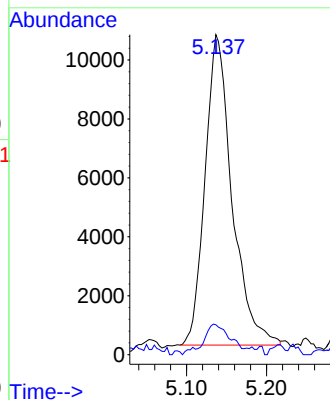
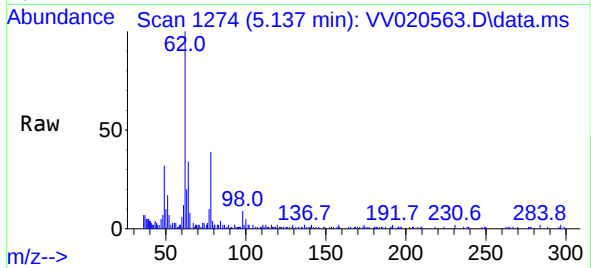




#27
1,2-Dichloroethane
Concen: 5.80 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

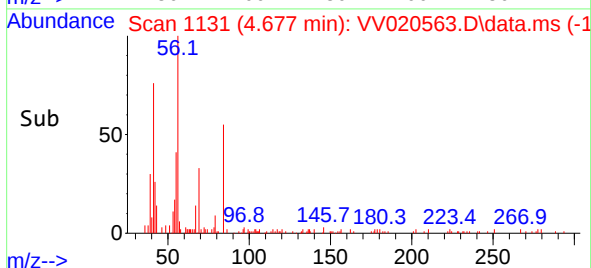
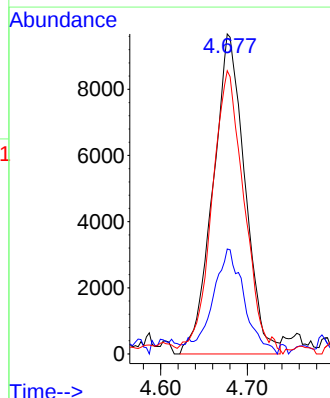
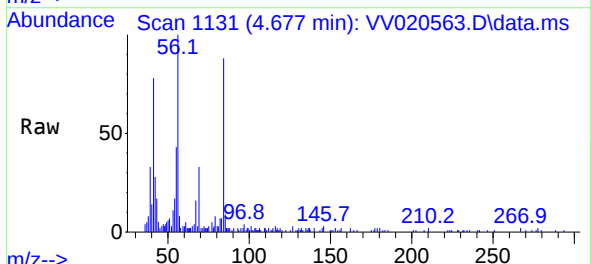
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

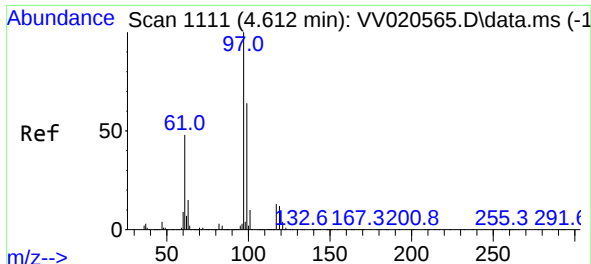
Tgt Ion: 62 Resp: 24779
Ion Ratio Lower Upper
62 100
98 9.4 6.9 10.3



#29
Cyclohexane
Concen: 5.95 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion: 56 Resp: 24704
Ion Ratio Lower Upper
56 100
69 31.7 24.2 36.2
84 83.7 66.3 99.5

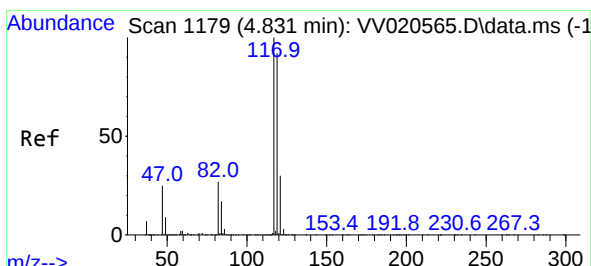
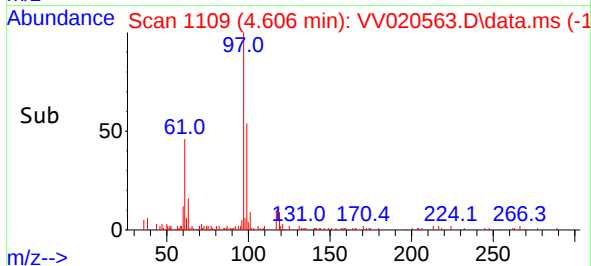
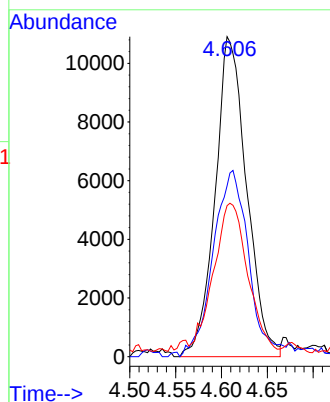
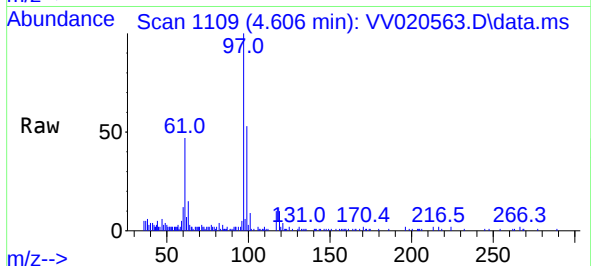




#30
1,1,1-Trichloroethane
Concen: 5.42 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

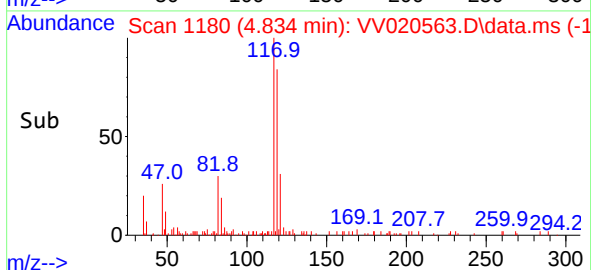
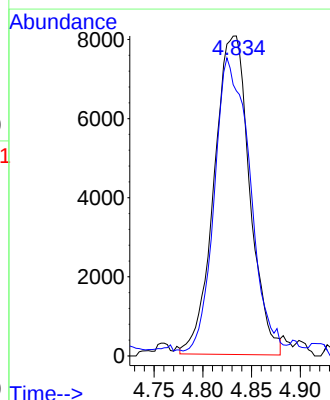
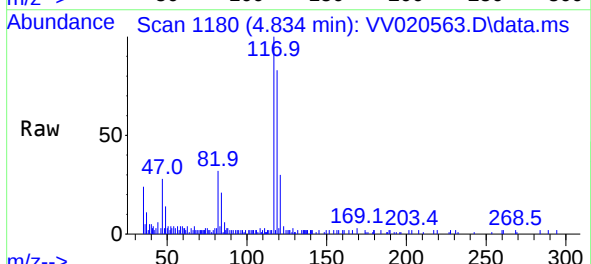
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

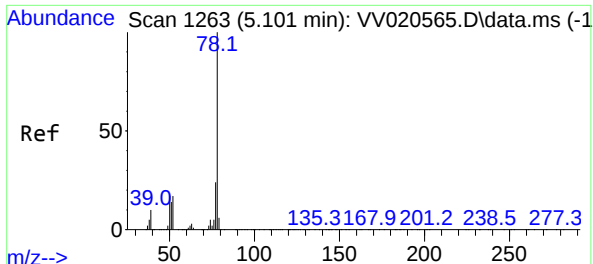
Tgt Ion:	97	Resp:	26049
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.2	76.8
61	49.9	38.5	57.7



#31
Carbon tetrachloride
Concen: 4.87 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:	117	Resp:	20491
Ion	Ratio	Lower	Upper
117	100		
119	89.7	76.3	114.5

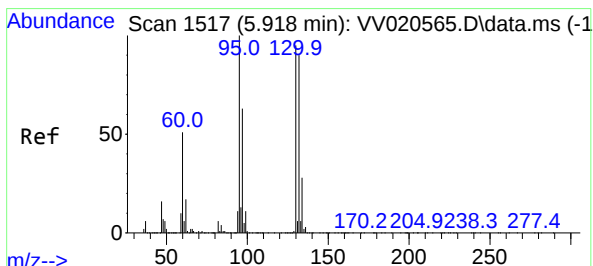
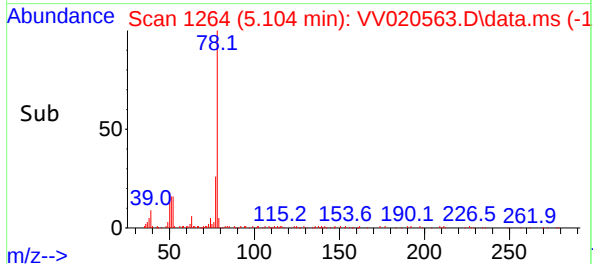
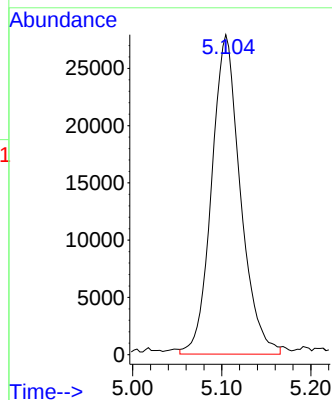
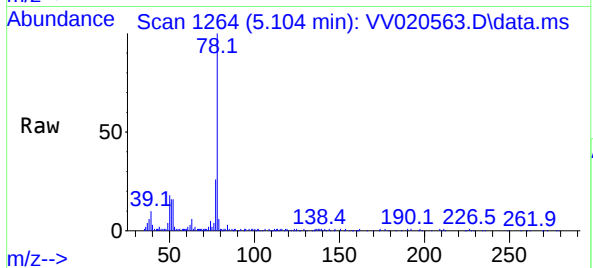




#33
Benzene
Concen: 5.36 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

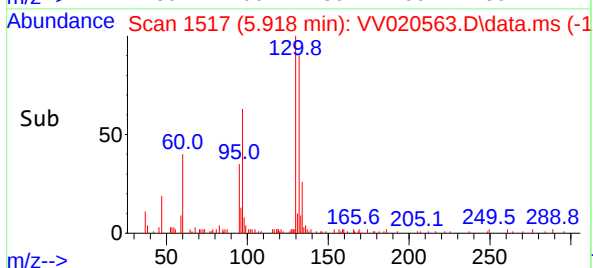
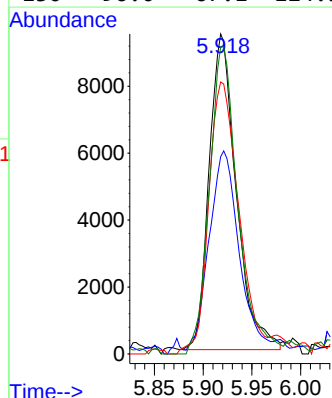
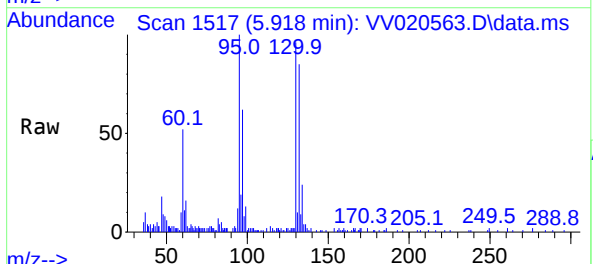
Tgt Ion: 78 Resp: 62572

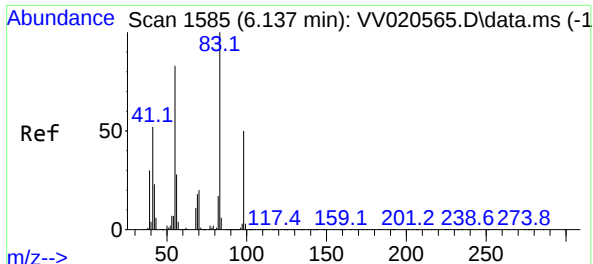


#34
Trichloroethene
Concen: 5.28 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion: 95 Resp: 18252

Ion	Ratio	Lower	Upper
95	100		
97	61.6	44.5	82.7
132	85.0	63.4	117.8
130	96.0	67.1	124.5

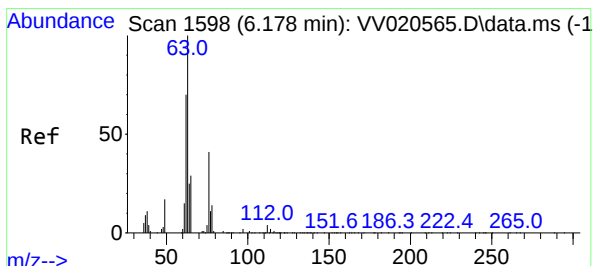
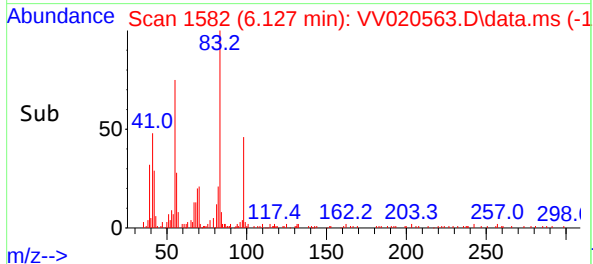
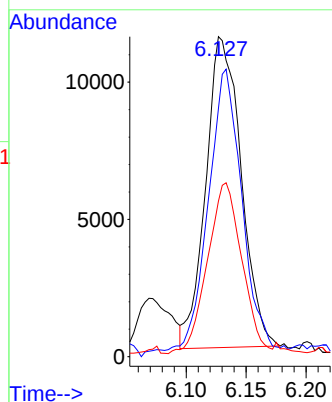
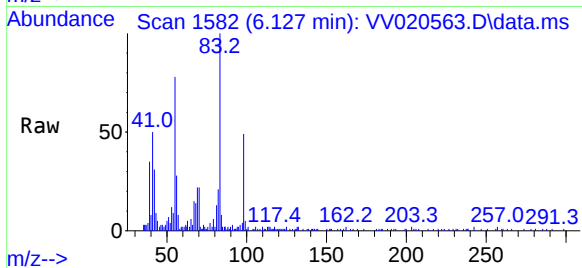




#35
Methylcyclohexane
Concen: 5.14 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.010 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

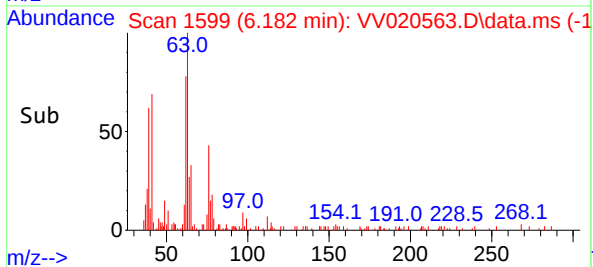
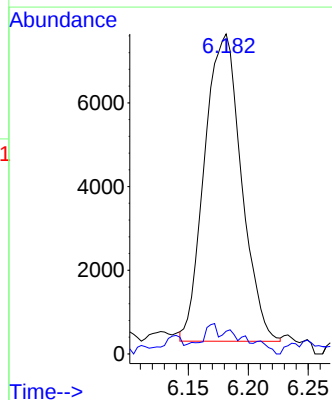
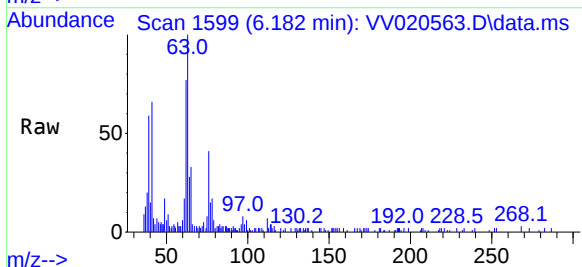
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

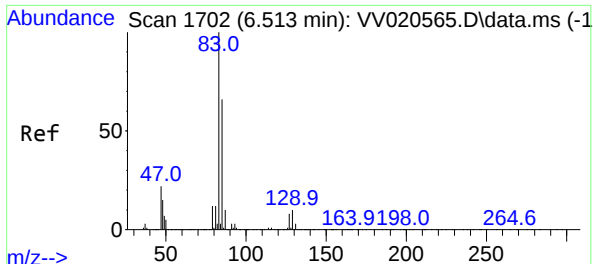
Tgt Ion:	83	Resp:	23228
Ion	Ratio	Lower	Upper
83	100		
55	84.8	65.1	97.7
98	53.4	38.2	57.2



#37
1,2-Dichloropropane
Concen: 5.34 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:	63	Resp:	15674
Ion	Ratio	Lower	Upper
63	100		
112	2.0	3.3	4.9

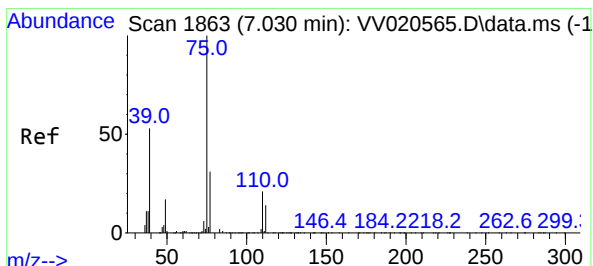
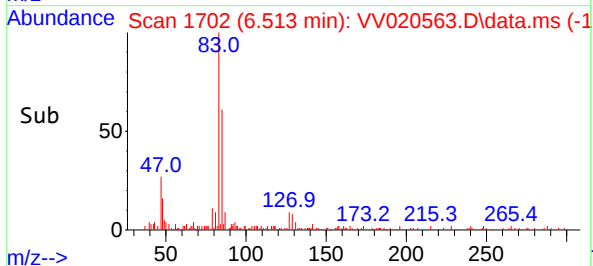
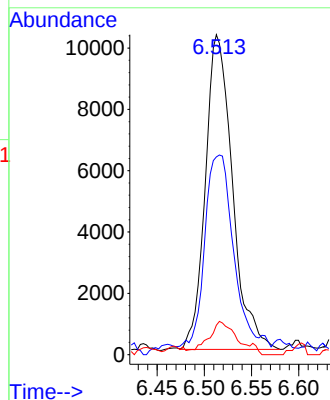
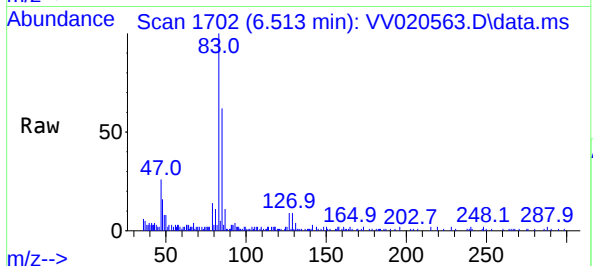




#38
Bromodichloromethane
Concen: 5.20 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

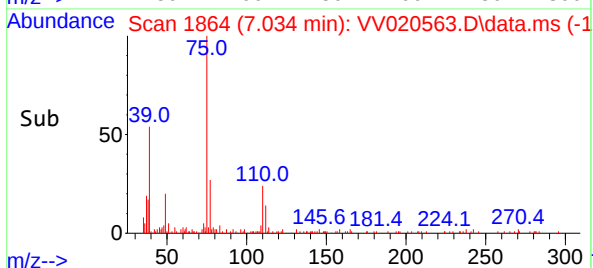
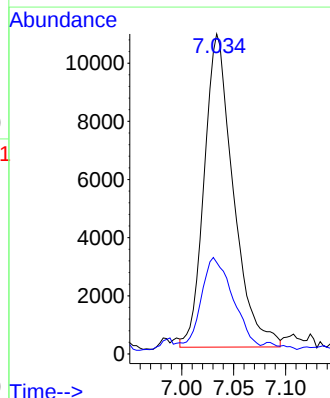
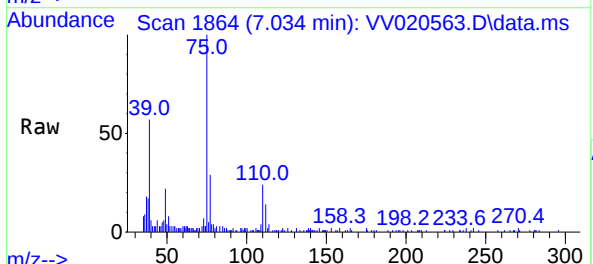
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

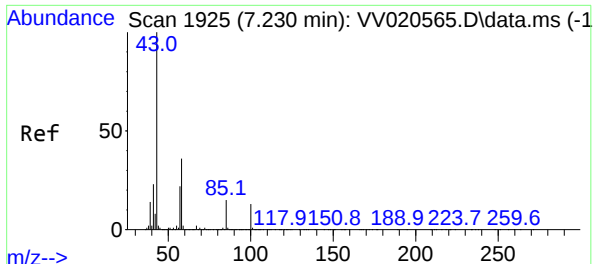
Tgt Ion:	83	Resp:	20491
Ion	Ratio	Lower	Upper
83	100		
85	61.8	44.5	82.7
127	9.2	6.3	9.5



#39
cis-1,3-Dichloropropene
Concen: 4.73 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:	75	Resp:	20964
Ion	Ratio	Lower	Upper
75	100		
77	28.6	21.8	40.6

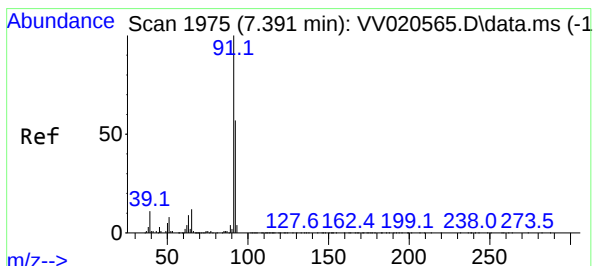
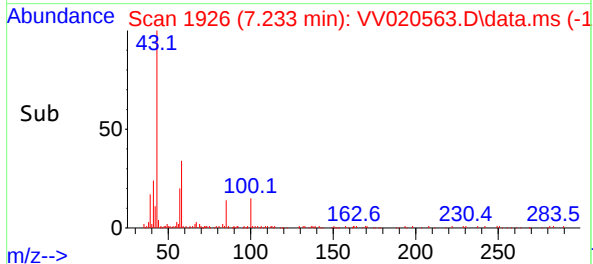
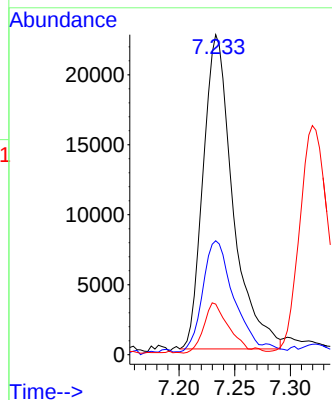
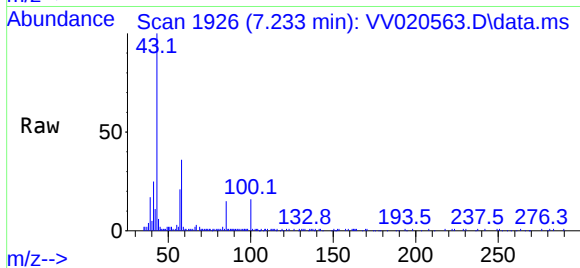




#40
4-Methyl-2-pentanone
Concen: 11.43 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

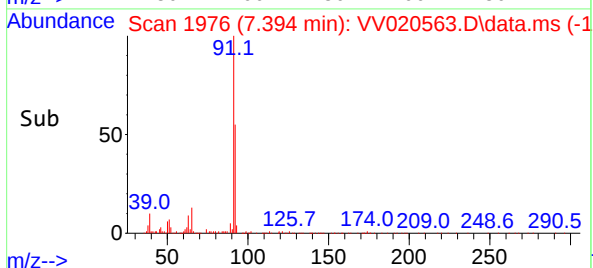
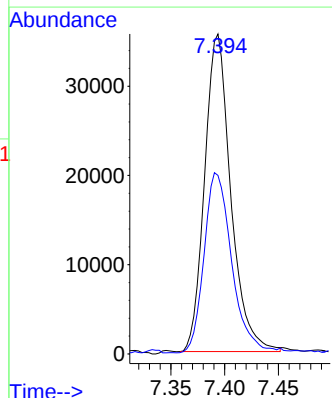
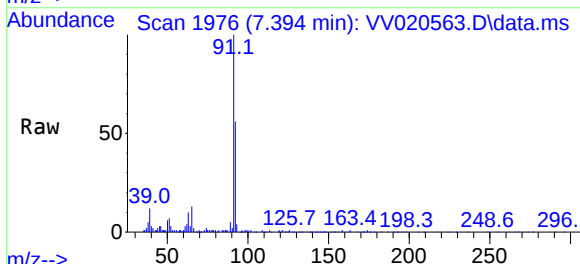
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

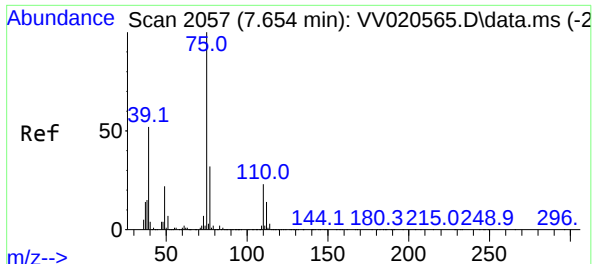
Tgt Ion:	43	Resp:	41760
Ion	Ratio	Lower	Upper
43	100		
58	36.4	30.7	46.1
100	13.7	11.6	17.4



#42
Toluene
Concen: 4.76 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:	91	Resp:	60355
Ion	Ratio	Lower	Upper
91	100		
92	55.8	40.7	75.7

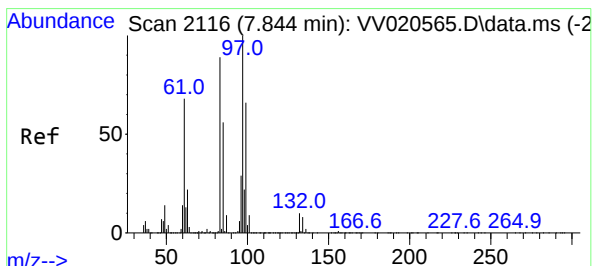
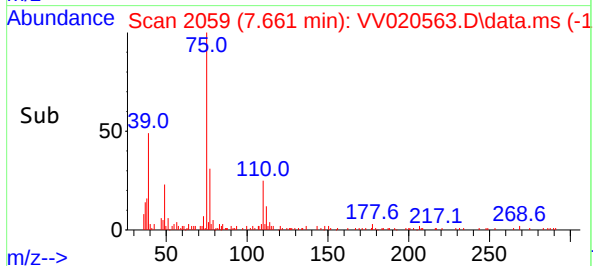
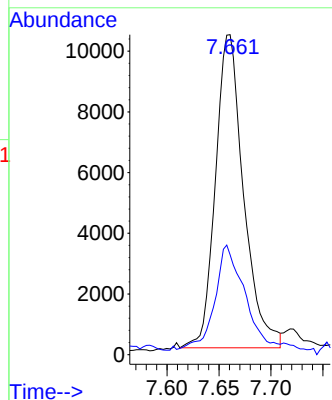
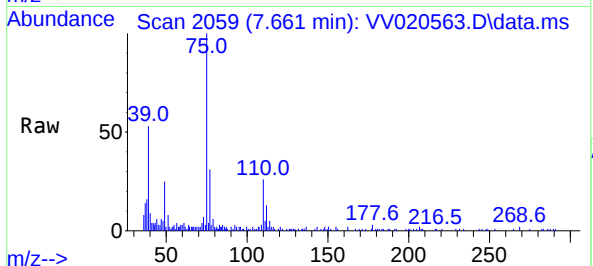




#44
trans-1,3-Dichloropropene
Concen: 4.49 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

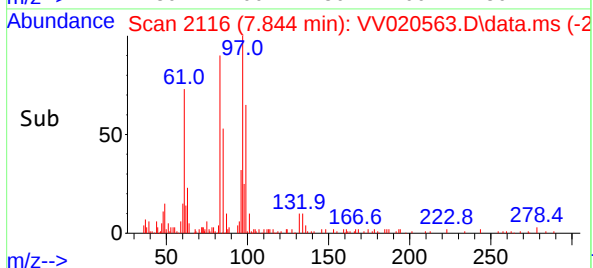
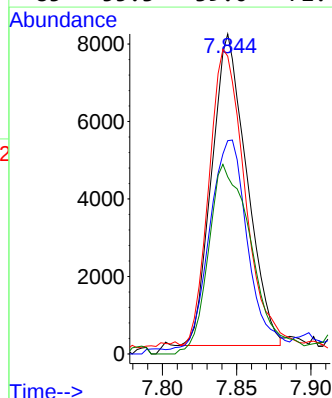
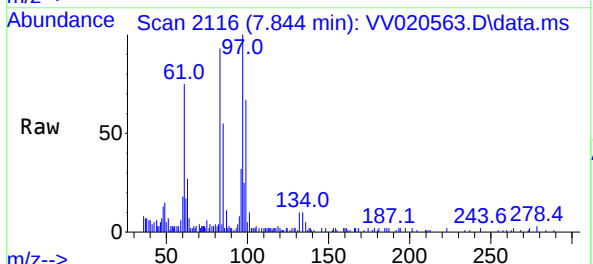
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

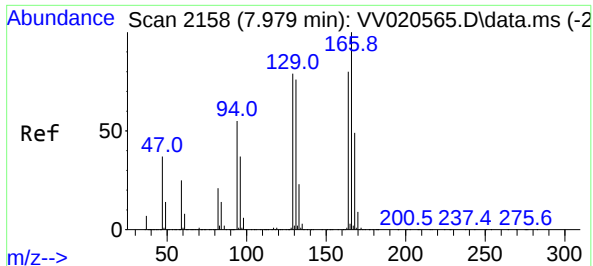
Tgt Ion: 75 Resp: 19449
Ion Ratio Lower Upper
75 100
77 31.2 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 4.29 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion: 97 Resp: 13190
Ion Ratio Lower Upper
97 100
99 66.7 43.8 81.3
83 93.1 62.2 115.4
85 55.3 39.0 72.4



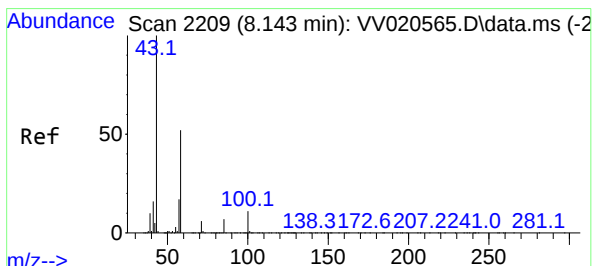
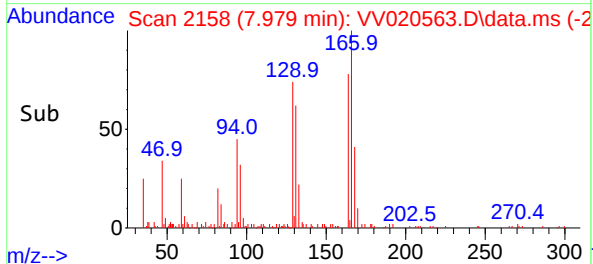
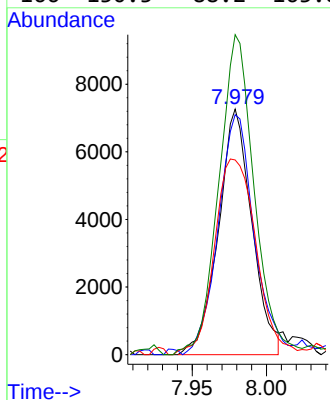
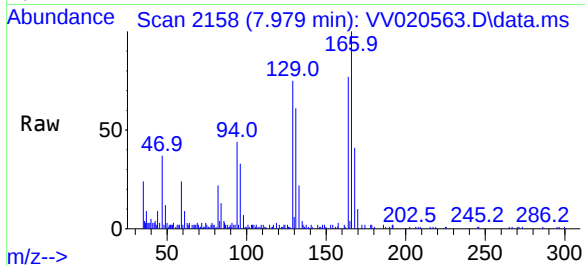


#46
Tetrachloroethene
Concen: 4.14 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

Tgt Ion:164 Resp: 11389

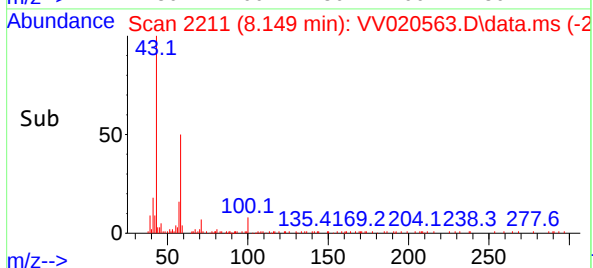
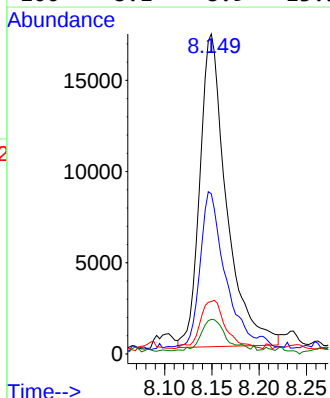
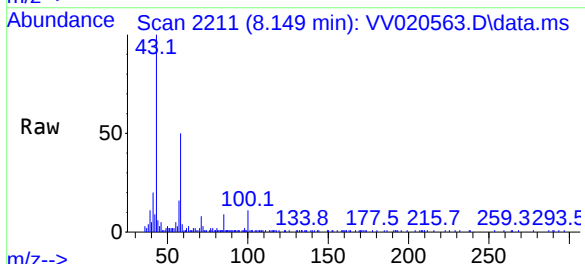
Ion	Ratio	Lower	Upper
164	100		
129	97.7	70.6	131.0
131	79.3	66.8	124.0
166	130.3	88.2	163.8

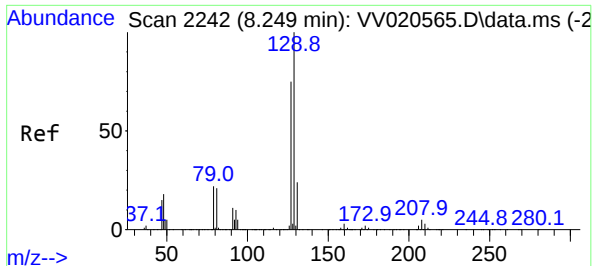


#48
2-Hexanone
Concen: 11.85 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion: 43 Resp: 33660

Ion	Ratio	Lower	Upper
43	100		
58	45.5	41.8	62.6
57	15.5	15.0	22.4
100	8.1	8.9	13.3

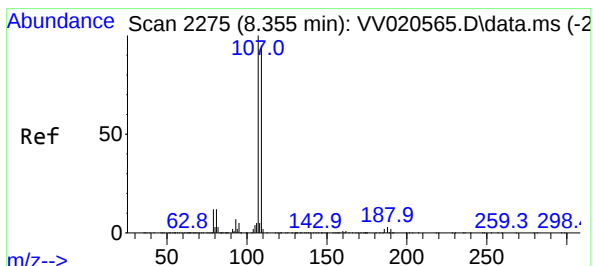
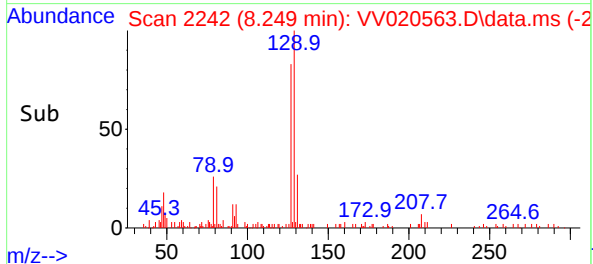
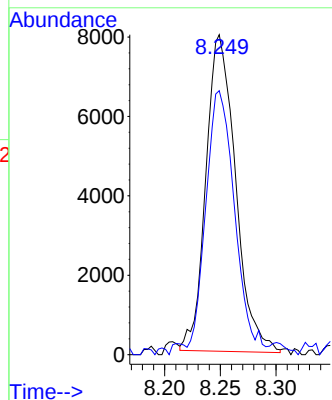
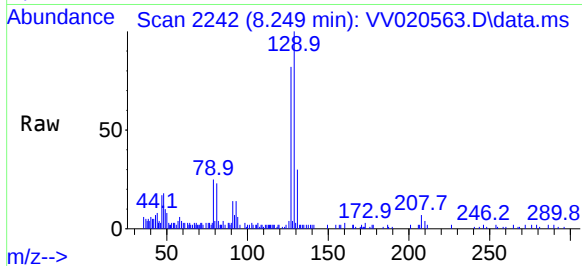




#49
Dibromochloromethane
Concen: 4.46 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

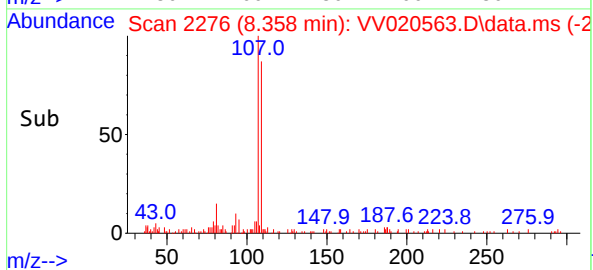
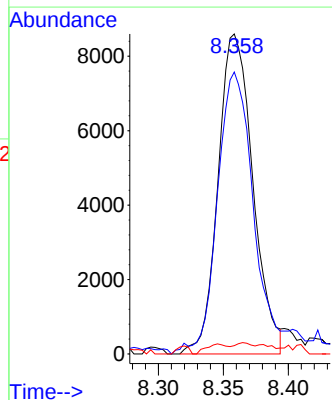
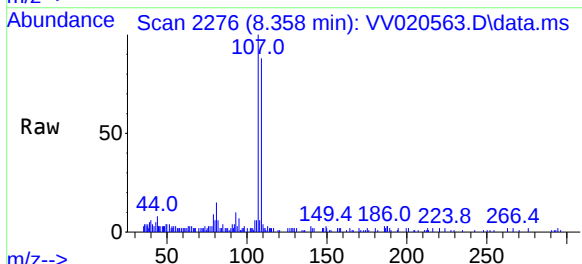
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

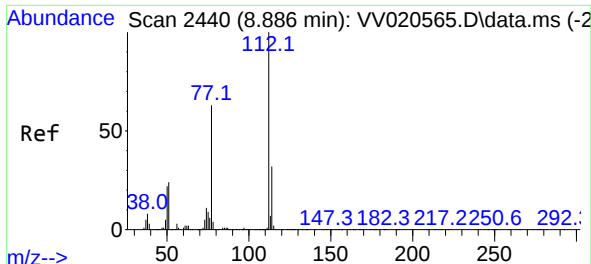
Tgt Ion:129 Resp: 14756
Ion Ratio Lower Upper
129 100
127 82.5 55.2 102.6



#50
1,2-Dibromoethane
Concen: 4.88 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:107 Resp: 16008
Ion Ratio Lower Upper
107 100
109 88.1 66.2 123.0
188 2.6 2.6 3.8



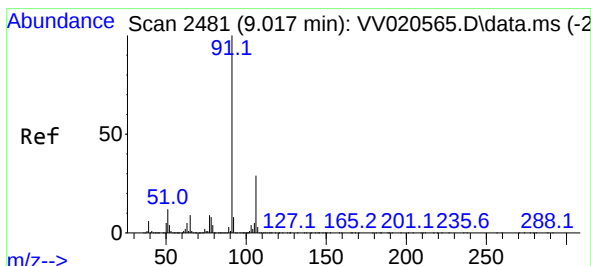
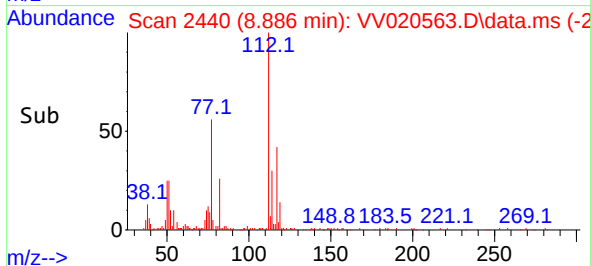
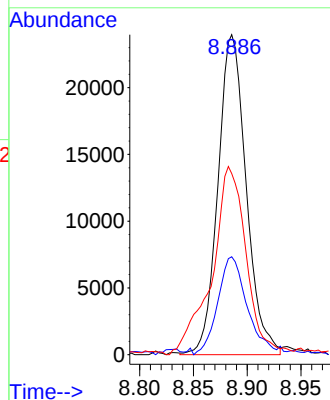
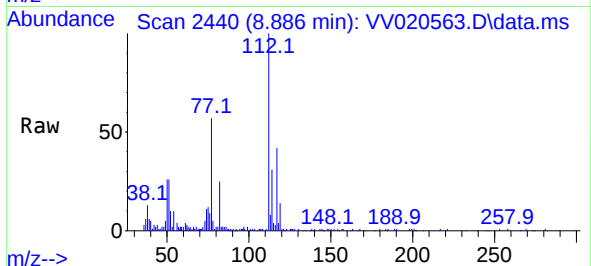


#51
Chlorobenzene
Concen: 4.99 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Instrument :
MSVOA_V
ClientSampled :
VSTD00563

Tgt Ion: 112 Resp: 43785

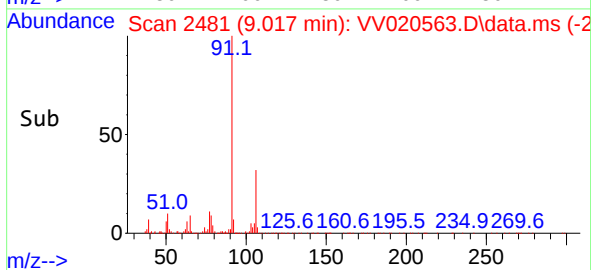
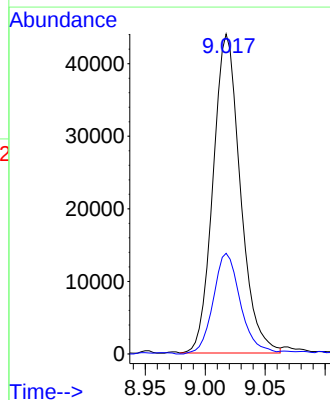
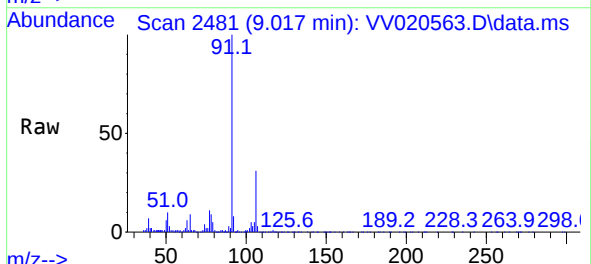
Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.2	41.2
77	56.6	49.0	73.6

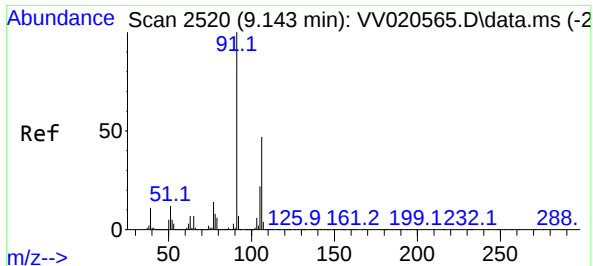


#52
Ethylbenzene
Concen: 4.94 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion: 91 Resp: 69527

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.0	39.0

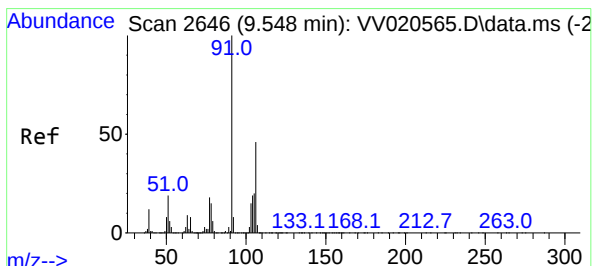
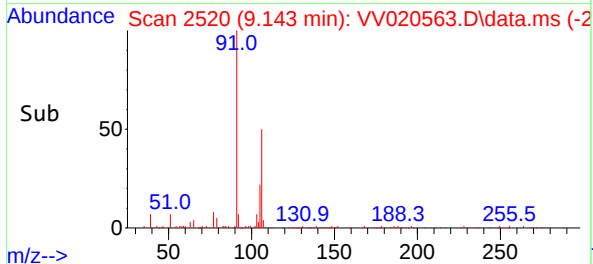
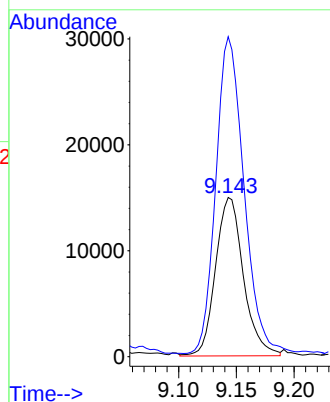
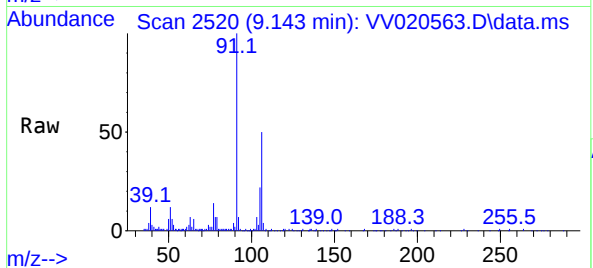




#53
m,p-Xylene
Concen: 4.67 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

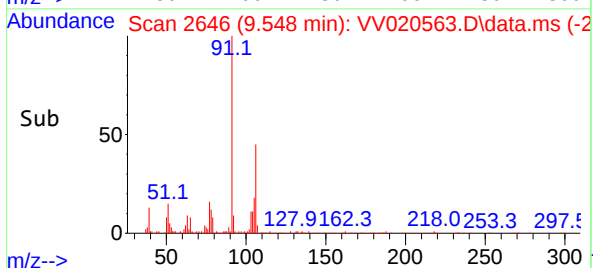
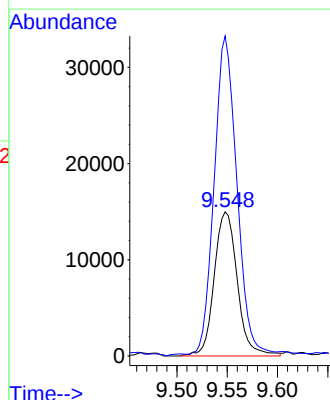
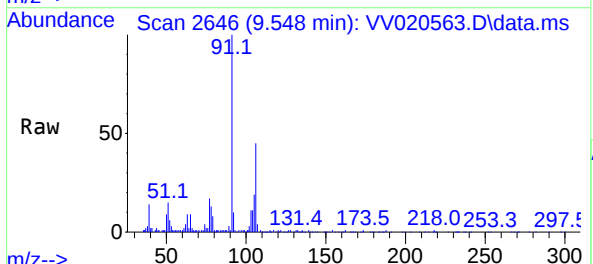
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

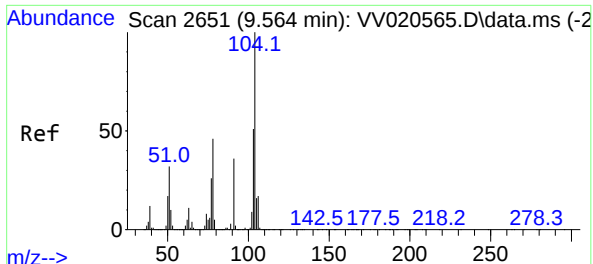
Tgt Ion:106 Resp: 25107
Ion Ratio Lower Upper
106 100
91 201.0 148.1 275.0



#54
o-xylene
Concen: 4.62 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:106 Resp: 23953
Ion Ratio Lower Upper
106 100
91 222.0 156.4 290.6

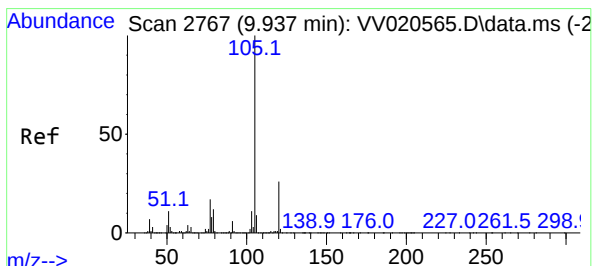
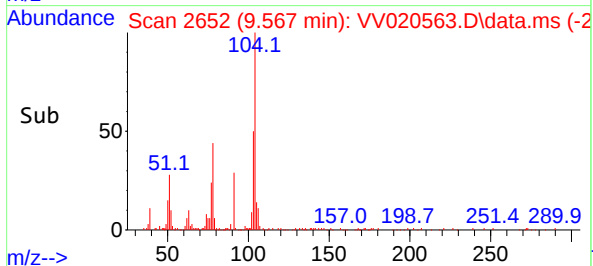
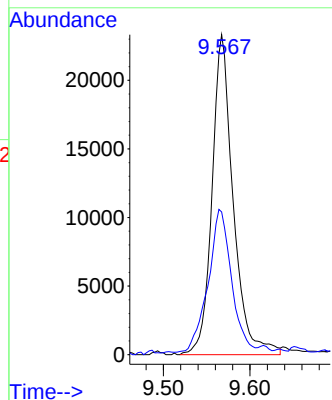
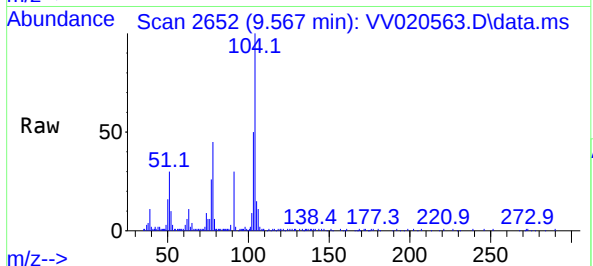




#55
Styrene
Concen: 4.41 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

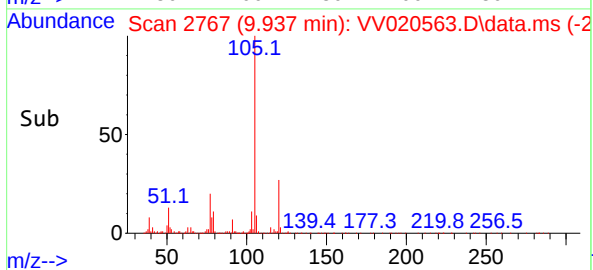
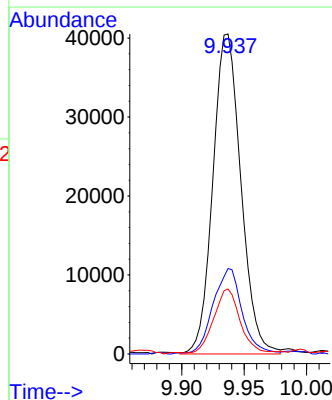
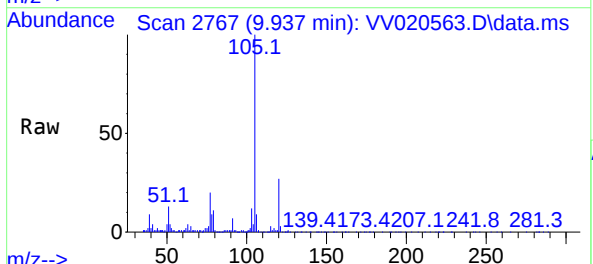
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

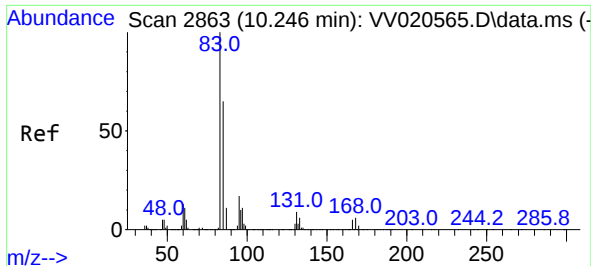
Tgt Ion:104 Resp: 39595
Ion Ratio Lower Upper
104 100
78 44.6 33.7 62.5



#56
Isopropylbenzene
Concen: 4.59 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:105 Resp: 63474
Ion Ratio Lower Upper
105 100
120 27.0 20.5 30.7
77 18.9 13.6 20.4

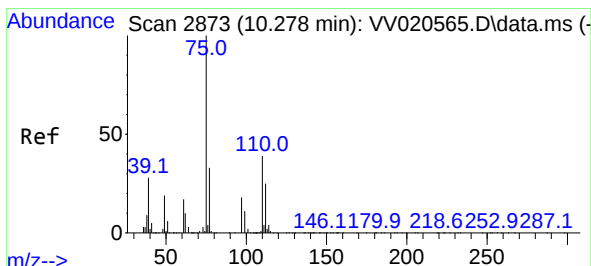
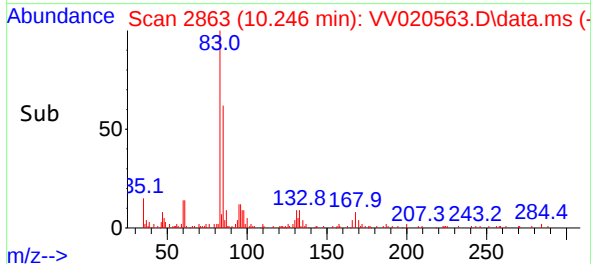
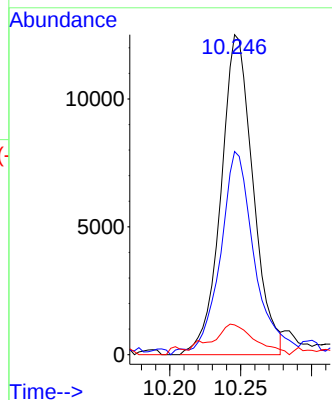
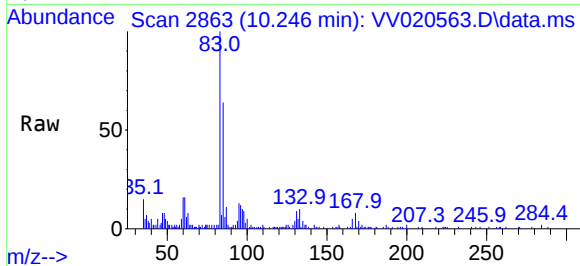




#58
1,1,2,2-Tetrachloroethane
Concen: 4.66 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

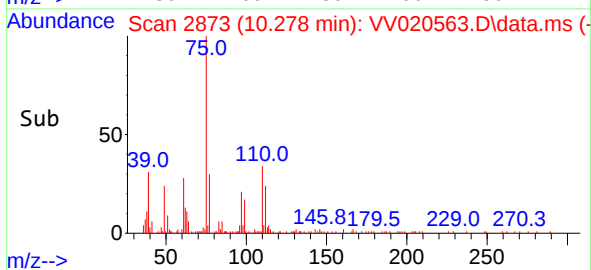
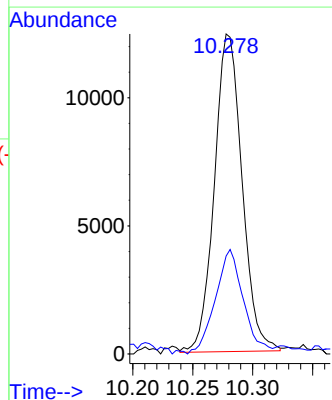
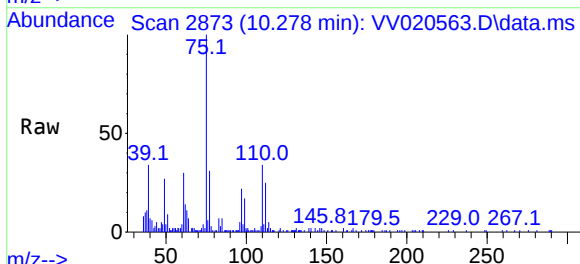
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

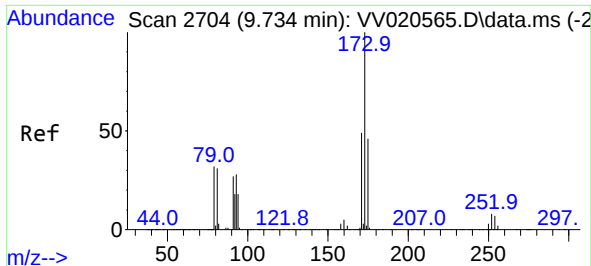
Tgt Ion:	83	Resp:	19762
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.3	82.3
131	9.3	7.3	10.9



#59
1,2,3-Trichloropropane
Concen: 5.11 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:	75	Resp:	19907
Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.0

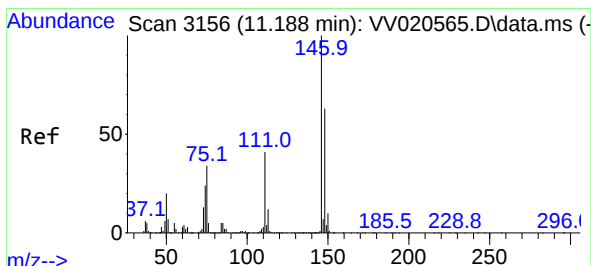
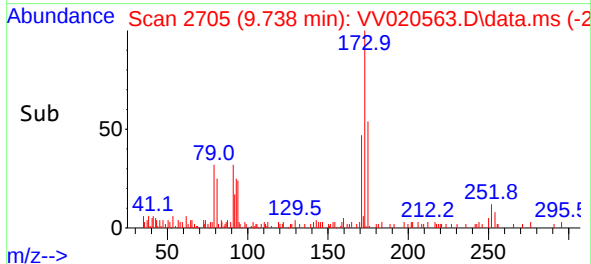
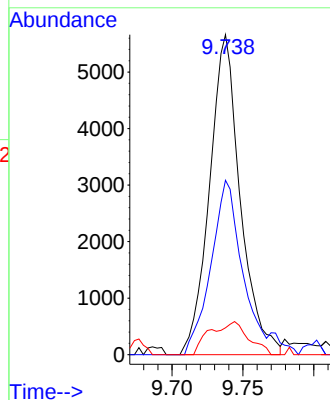
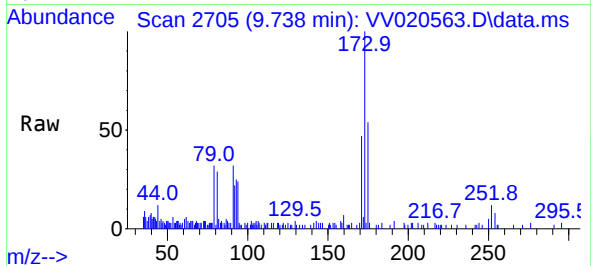




#61
Bromoform
Concen: 4.24 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

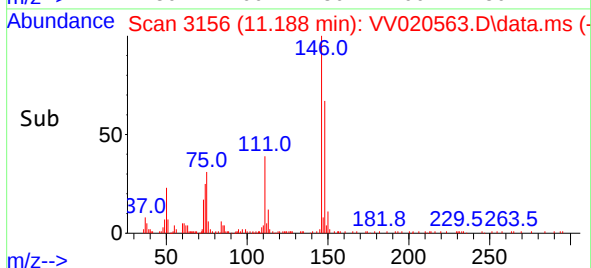
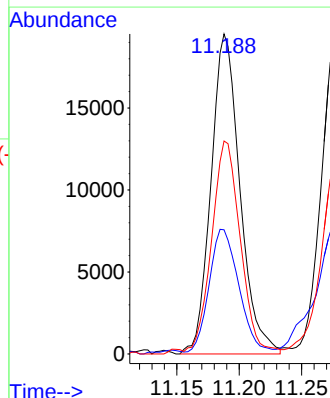
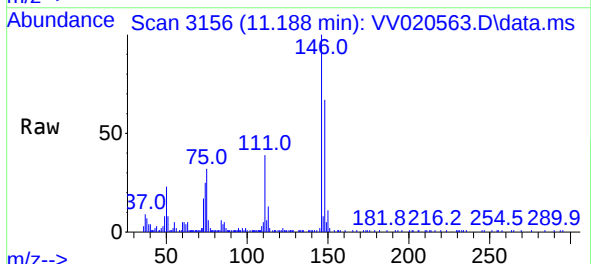
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

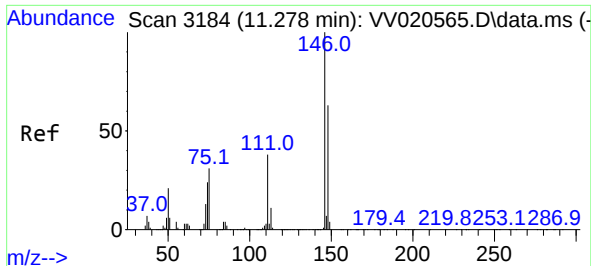
Tgt Ion:173 Resp: 8542
Ion Ratio Lower Upper
173 100
175 55.0 38.6 57.8
254 7.9 6.5 9.7



#62
1,3-Dichlorobenzene
Concen: 5.15 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:146 Resp: 31531
Ion Ratio Lower Upper
146 100
111 38.8 30.2 56.2
148 66.6 45.0 83.6

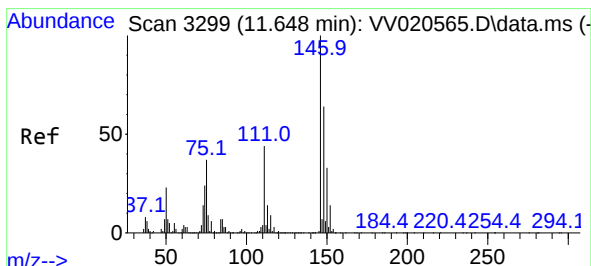
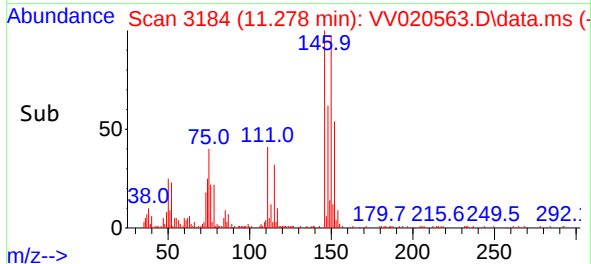
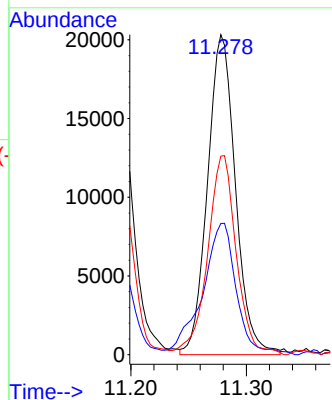
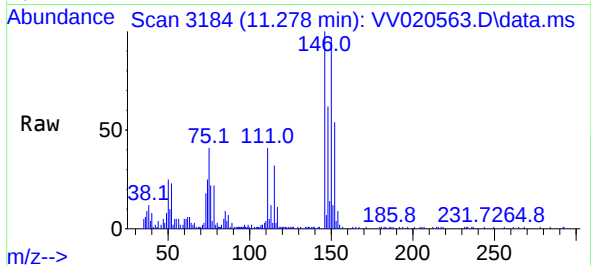




#63
1,4-Dichlorobenzene
Concen: 5.36 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

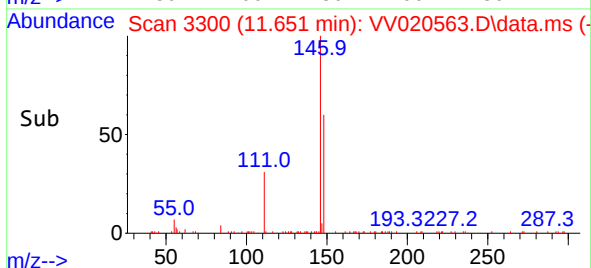
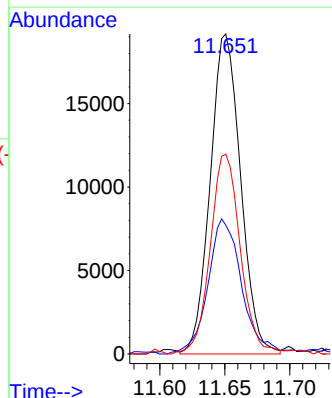
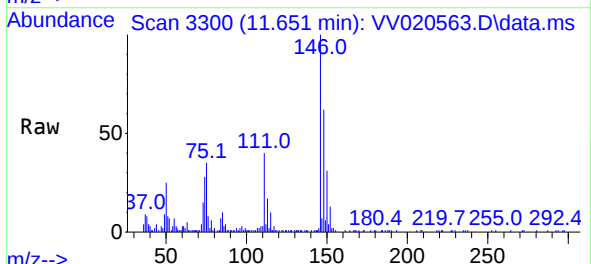
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

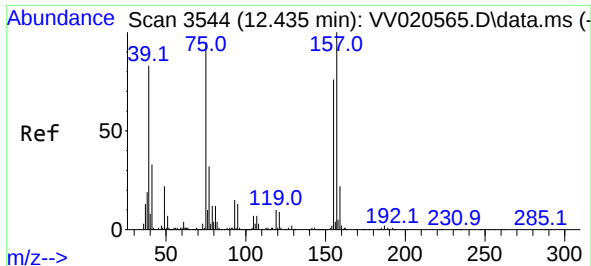
Tgt Ion:146 Resp: 34190
Ion Ratio Lower Upper
146 100
111 41.0 29.4 54.6
148 62.0 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 5.08 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:146 Resp: 31233
Ion Ratio Lower Upper
146 100
111 40.3 36.3 54.5
148 62.4 51.7 77.5

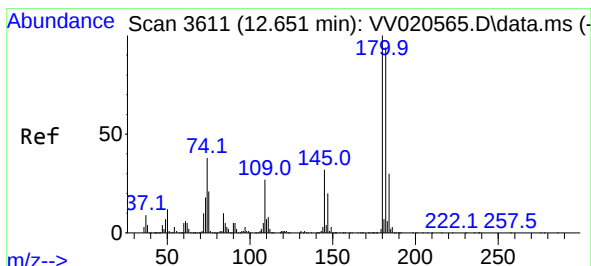
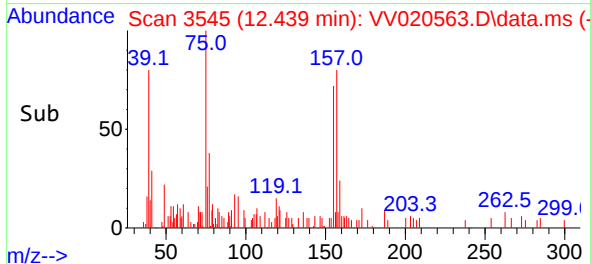
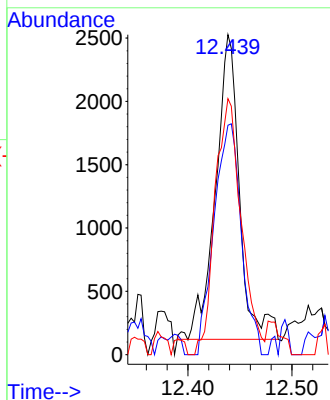
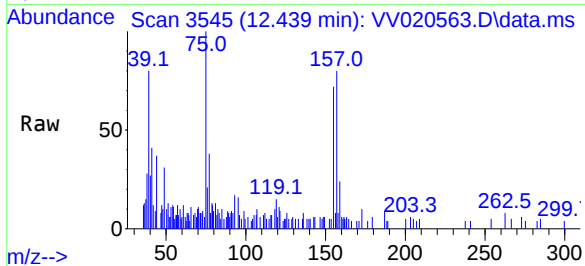




#66
1,2-Dibromo-3-chloropropane
Concen: 4.96 ug/L
RT: 12.439 min Scan# 3545
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

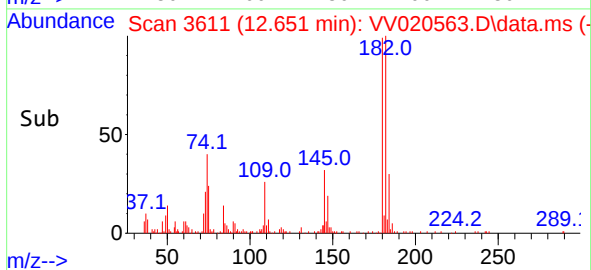
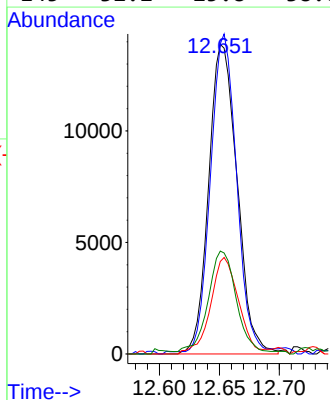
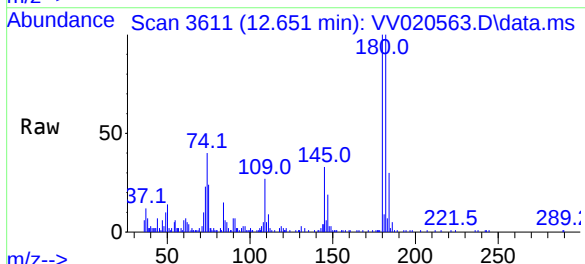
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

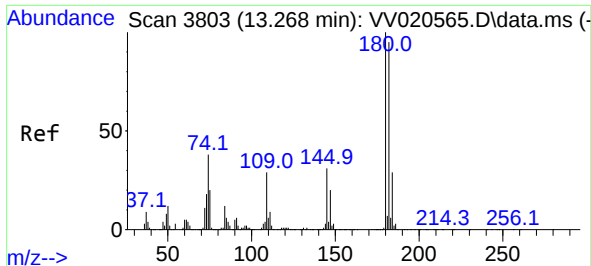
Tgt Ion:	75	Resp:	3856
Ion	Ratio	Lower	Upper
75	100		
155	71.7	59.1	88.7
157	80.0	75.4	113.0



#67
1,3,5-Trichlorobenzene
Concen: 4.90 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:	180	Resp:	22891
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.0	112.6
184	30.5	24.0	36.0
145	32.2	25.8	38.6

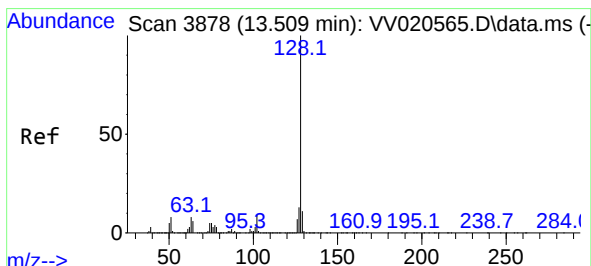
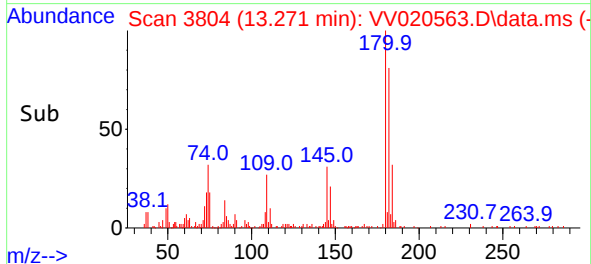
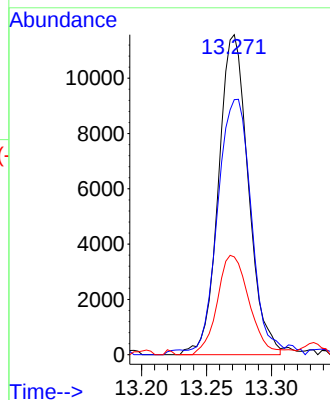
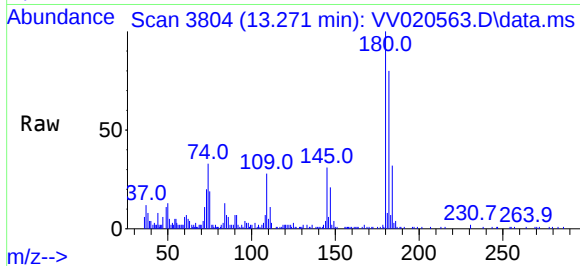




#68
1,2,4-trichlorobenzene
Concen: 4.58 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

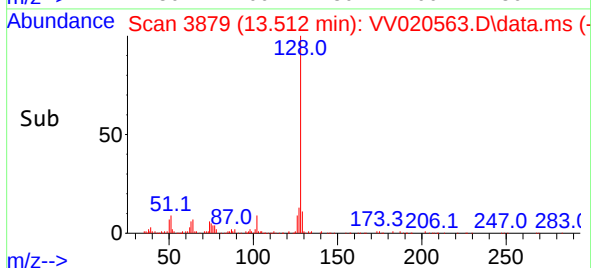
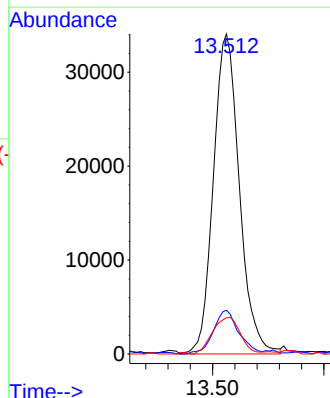
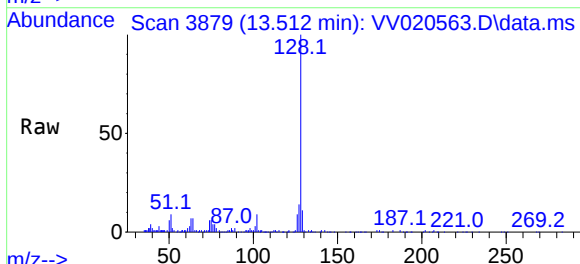
Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

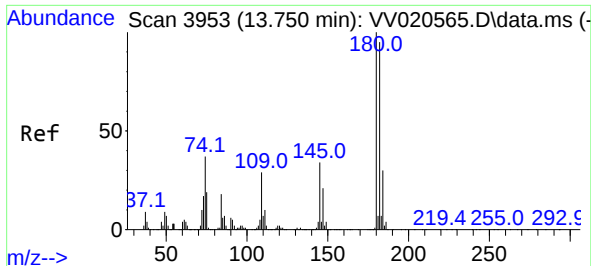
Tgt Ion:180 Resp: 18454
Ion Ratio Lower Upper
180 100
182 89.5 75.1 112.7
145 33.3 26.8 40.2



#69
Naphthalene
Concen: 4.97 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Tgt Ion:128 Resp: 55190
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 12.3 8.6 13.0





#70
1,2,3-Trichlorobenzene
Concen: 4.59 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020563.D
Acq: 12 Mar 2021 14:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

Tgt Ion:180 Resp: 18648
Ion Ratio Lower Upper
180 100
182 93.6 76.1 114.1
145 38.8 27.9 41.9

