

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041321\
 Data File : VW020992.D
 Acq On : 13 Apr 2021 11:24
 Operator : SY/MD
 Sample : VSTD20063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20063

Quant Time: Apr 14 03:12:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM041321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 03:08:27 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.619	114	567352	50.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	559841	50.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	347404	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.310	65	631602	162.90 ug/L	0.00
7) Chloroethane-d5	1.571	69	487388	165.08 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	1320404	177.08 ug/L	0.00
21) 2-Butanone-d5	3.892	46	840233	336.06 ug/L	0.00
24) Chloroform-d	4.352	84	1572140	196.54 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	1030581	194.77 ug/L	0.00
32) Benzene-d6	5.053	84	2789550	188.94 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	790203	176.53 ug/L	0.00
41) Toluene-d8	7.320	98	2895422	207.22 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	535104	218.62 ug/L	0.00
47) 2-Hexanone-d5	8.091	63	756944	404.88 ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	1280128	193.41 ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	1429829	209.58 ug/L	0.00
Target Compounds					
					Qvalue
2) Dichlorodifluoromethane	1.134	85	913855	175.60 ug/L	99
3) Chloromethane	1.243	50	616680	151.39 ug/L	98
5) Vinyl chloride	1.314	62	682744	163.95 ug/L	99
6) Bromomethane	1.526	94	455159	175.90 ug/L	99
8) Chloroethane	1.590	64	423745	171.39 ug/L	96
9) Trichlorofluoromethane	1.754	101	1559978	207.52 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	749980	206.62 ug/L	99
12) 1,1-Dichloroethene	2.121	96	669400	200.88 ug/L	95
13) Acetone	2.188	43	674505	366.09 ug/L	99
14) Carbon disulfide	2.297	76	1919831	179.44 ug/L	100
15) Methyl Acetate	2.436	43	577510	156.21 ug/L	100
16) Methylene chloride	2.510	84	717106	180.34 ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	741229	196.48 ug/L	96
18) Methyl tert-butyl Ether	2.773	73	2369636	202.60 ug/L	99
19) 1,1-Dichloroethane	3.191	63	1232192	178.47 ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	805576	200.50 ug/L	97
22) 2-Butanone	3.976	43	932750	358.89 ug/L	98
23) Bromochloromethane	4.249	128	465794	209.50 ug/L	98
25) Chloroform	4.378	83	1501973	199.50 ug/L	99
27) 1,2-Dichloroethane	5.133	62	1208398	201.78 ug/L	99
29) Cyclohexane	4.680	56	1065885	174.50 ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	1521121	214.97 ug/L	98
31) Carbon tetrachloride	4.831	117	1435608	223.69 ug/L	100
33) Benzene	5.104	78	2848327	187.79 ug/L	100
34) Trichloroethene	5.915	95	842499	199.36 ug/L	97
35) Methylcyclohexane	6.137	83	1291201	199.88 ug/L	100
37) 1,2-Dichloropropane	6.178	63	676025	171.77 ug/L	100
38) Bromodichloromethane	6.513	83	1181437	206.19 ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	1293137	208.05 ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	1752608	338.92 ug/L	99
42) Toluene	7.391	91	3388469	202.08 ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	1376994	220.70 ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	792957	198.75 ug/L	98

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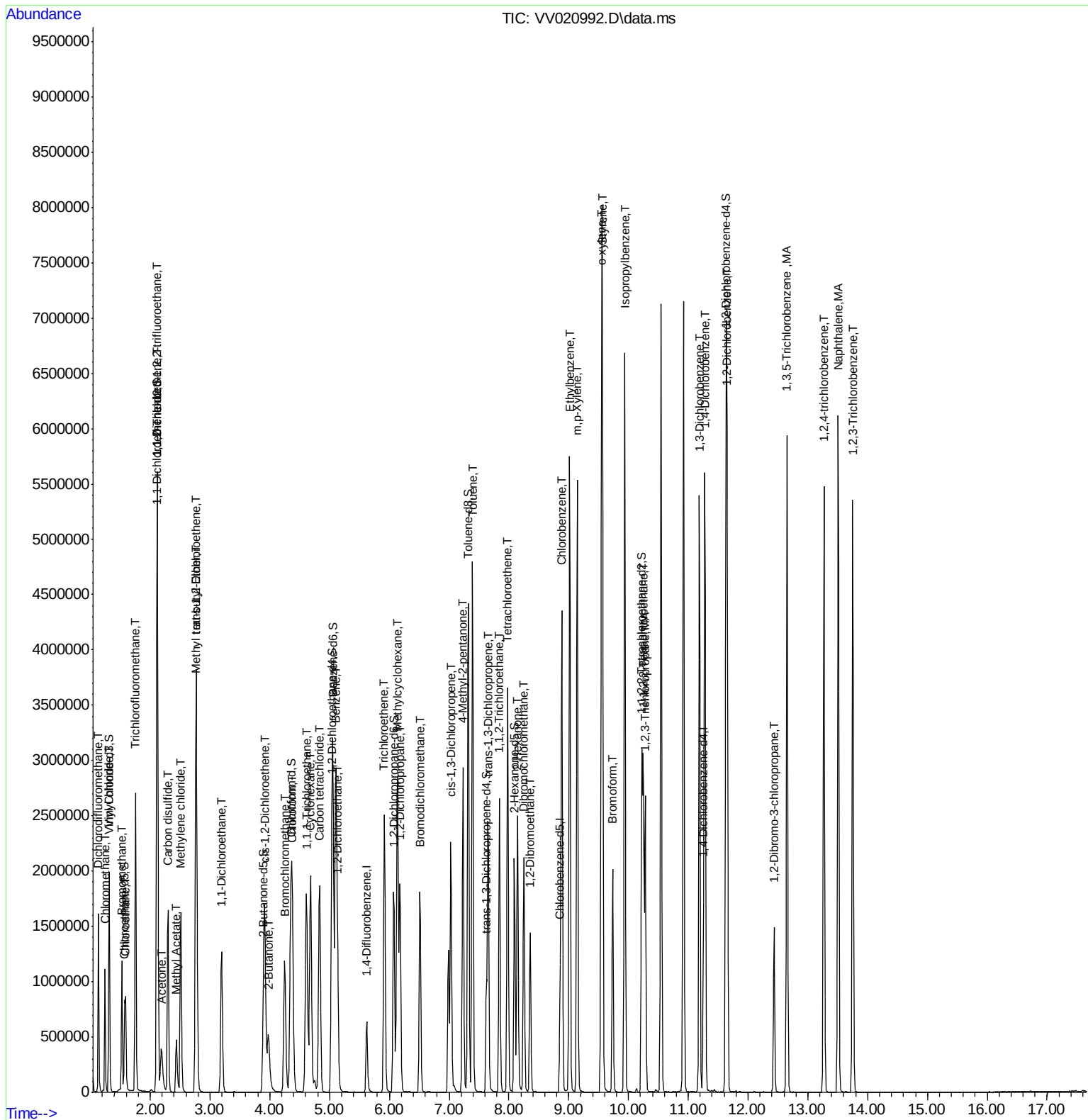
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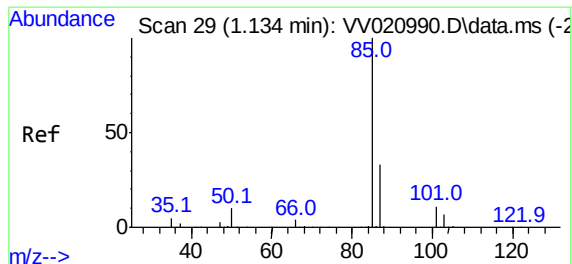
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.979	164	817963	223.70	ug/L	99
48) 2-Hexanone	8.143	43	1444819	364.38	ug/L	99
49) Dibromochloromethane	8.249	129	1110101	232.04	ug/L	98
50) 1,2-Dibromoethane	8.355	107	909500	211.61	ug/L	99
51) Chlorobenzene	8.886	112	2322771	204.99	ug/L	99
52) Ethylbenzene	9.017	91	3961264	206.35	ug/L	100
53) m,p-Xylene	9.143	106	1552521	215.91	ug/L	99
54) o-xylene	9.548	106	1528019	220.88	ug/L	96
55) Styrene	9.564	104	2674438	221.13	ug/L	99
56) Isopropylbenzene	9.937	105	4256529	223.12	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	1265408	196.39	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	1010170	192.86	ug/L	98
61) Bromoform	9.734	173	915960	225.64	ug/L	100
62) 1,3-Dichlorobenzene	11.188	146	2207456	206.86	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	2239871	202.70	ug/L	99
65) 1,2-Dichlorobenzene	11.651	146	2174532	206.28	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	354750	204.09	ug/L	98
67) 1,3,5-Trichlorobenzene	12.651	180	1896107	225.62	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	1694529	240.82	ug/L	100
69) Naphthalene	13.509	128	4721515	237.35	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	1649521	232.70	ug/L	99

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

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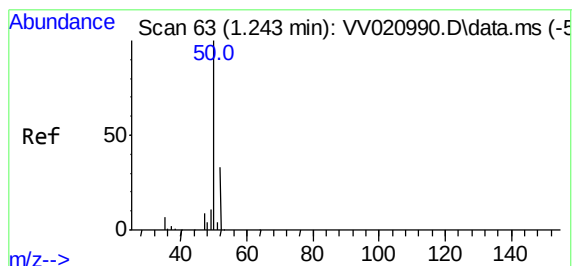
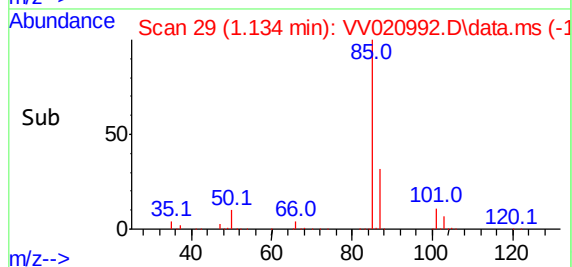
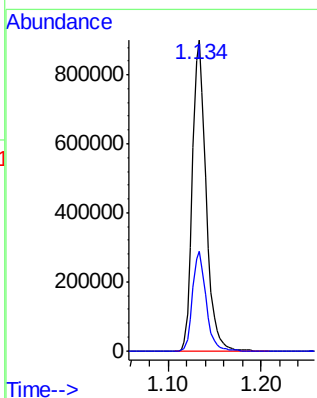
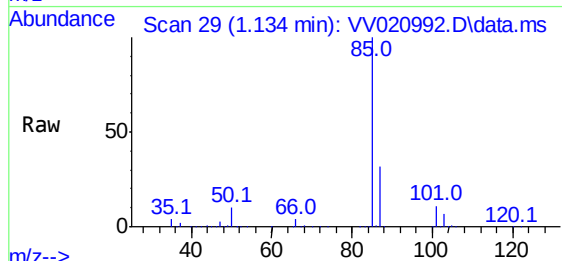




#2
Dichlorodifluoromethane
Concen: 175.60 ug/L
RT: 1.134 min Scan# 29
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

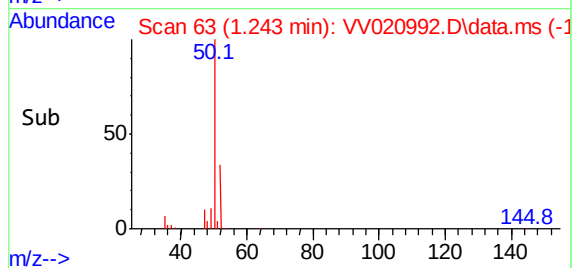
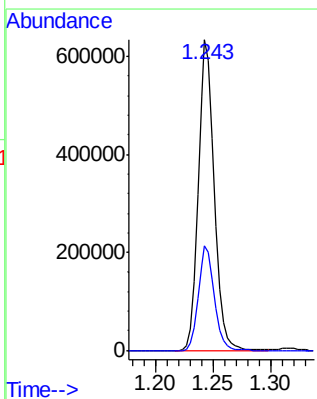
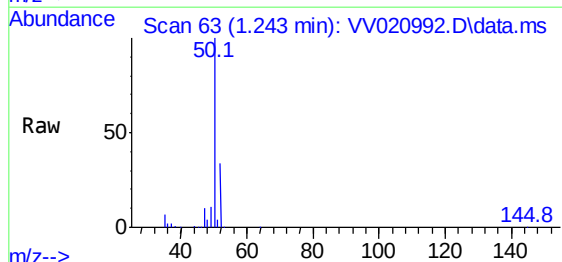
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VSTD20063

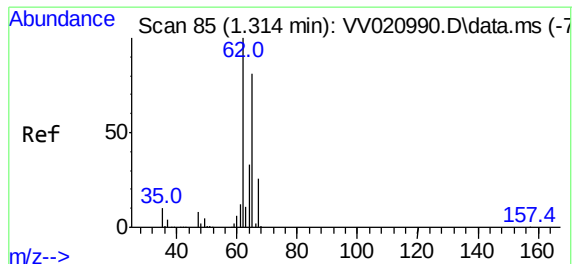
Tgt Ion: 85 Resp: 913855
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.2



#3
Chloromethane
Concen: 151.39 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 50 Resp: 616680
Ion Ratio Lower Upper
50 100
52 33.8 22.9 42.5

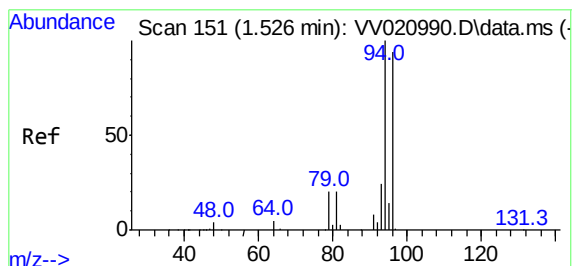
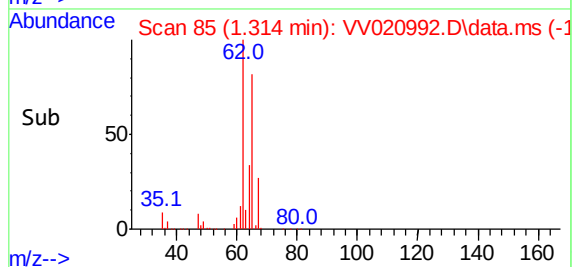
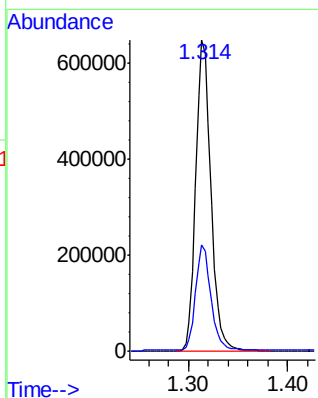
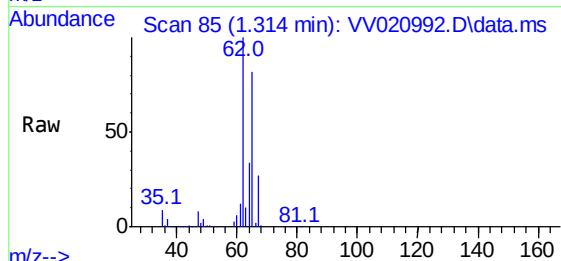




#5
 Vinyl chloride
 Concen: 163.95 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020992.D
 Acq: 13 Apr 2021 11:24

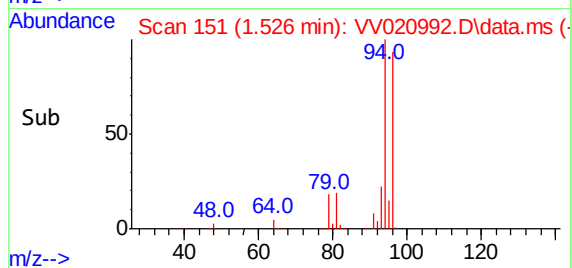
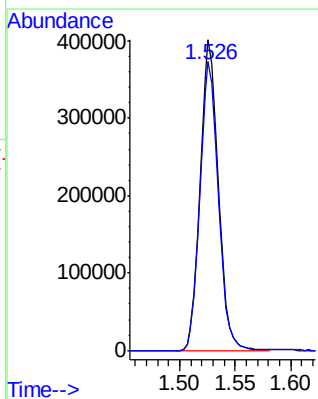
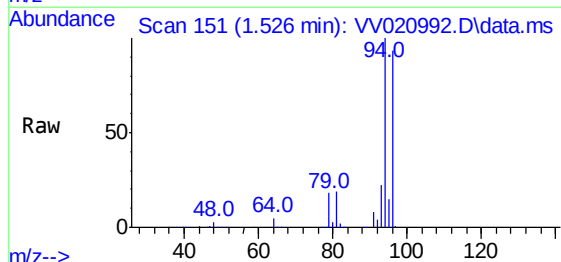
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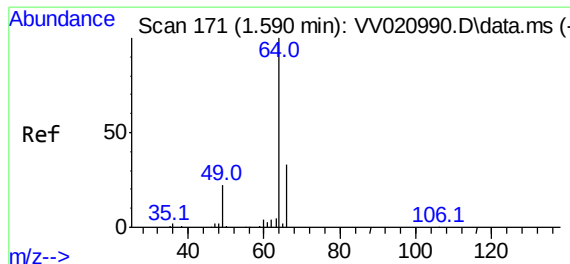
Tgt Ion: 62 Resp: 682744
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.6 43.8



#6
 Bromomethane
 Concen: 175.90 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV020992.D
 Acq: 13 Apr 2021 11:24

Tgt Ion: 94 Resp: 455159
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.8 122.2

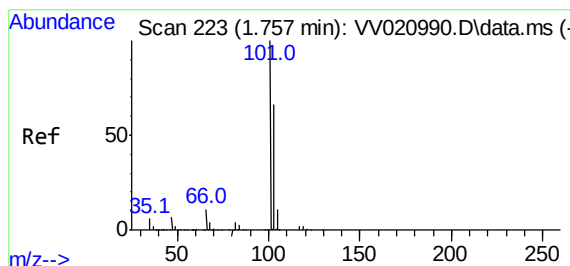
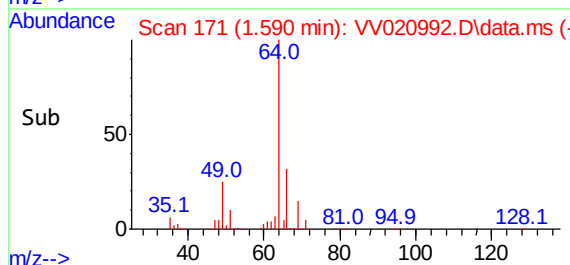
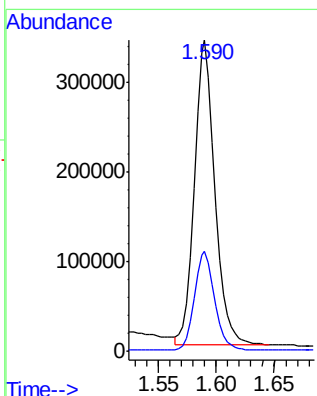
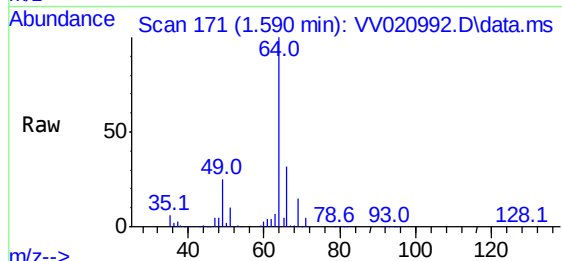




#8
Chloroethane
Concen: 171.39 ug/L
RT: 1.590 min Scan# 171
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

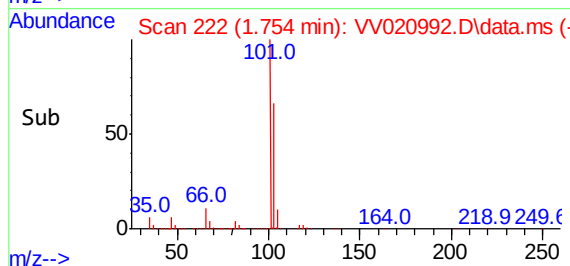
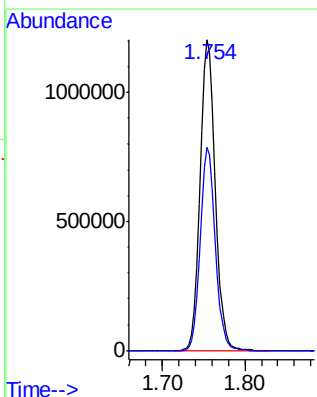
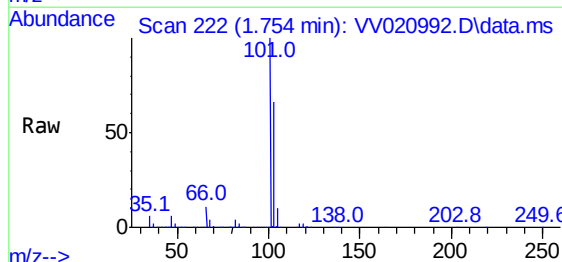
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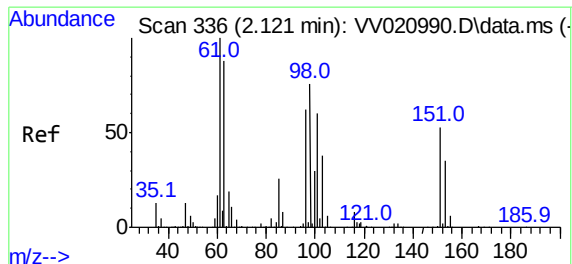
Tgt Ion: 64 Resp: 423745
Ion Ratio Lower Upper
64 100
66 31.9 20.9 38.9



#9
Trichlorofluoromethane
Concen: 207.52 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion:101 Resp: 1559978
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0

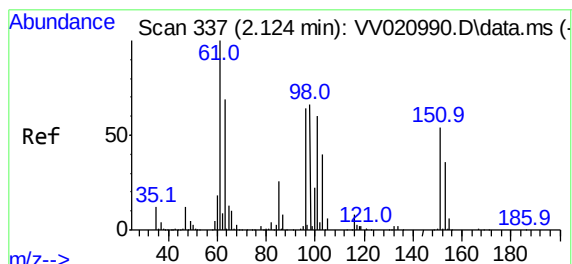
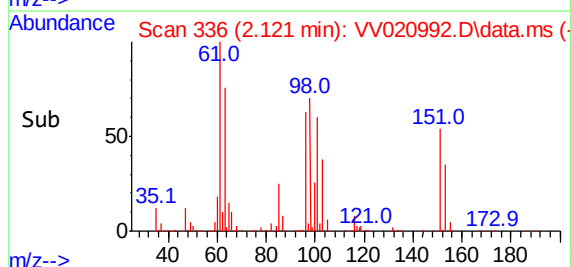
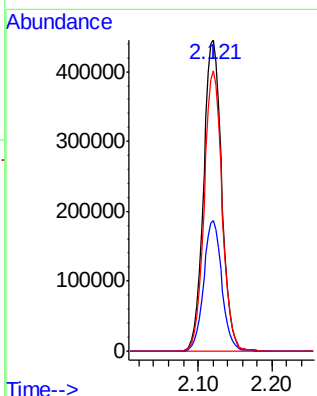
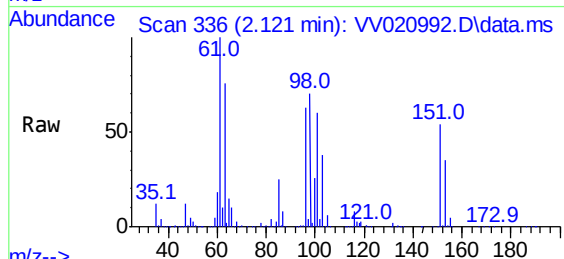




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 206.62 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV020992.D
 Acq: 13 Apr 2021 11:24

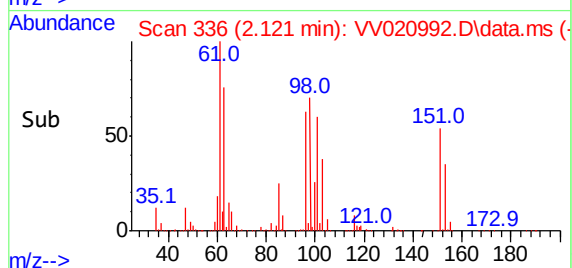
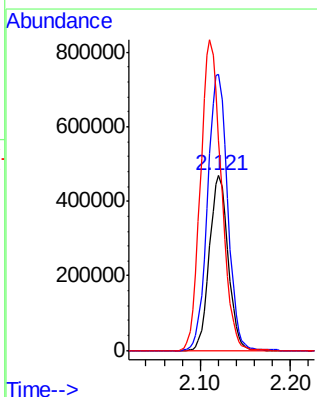
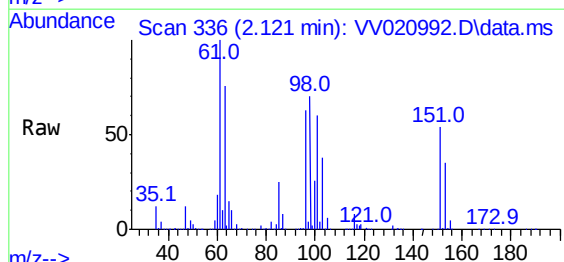
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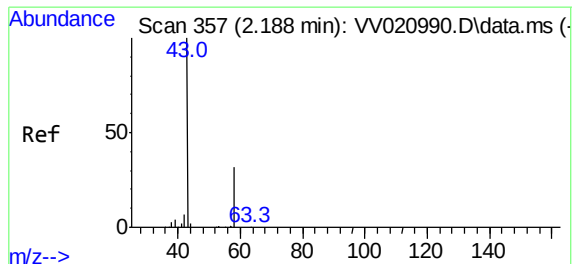
Tgt Ion:101 Resp: 749980
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.6 52.0
 151 89.3 71.0 106.4



#12
 1,1-Dichloroethene
 Concen: 200.88 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.003 min
 Lab File: VV020992.D
 Acq: 13 Apr 2021 11:24

Tgt Ion: 96 Resp: 669400
 Ion Ratio Lower Upper
 96 100
 61 158.5 109.7 203.7
 63 120.1 76.9 142.9

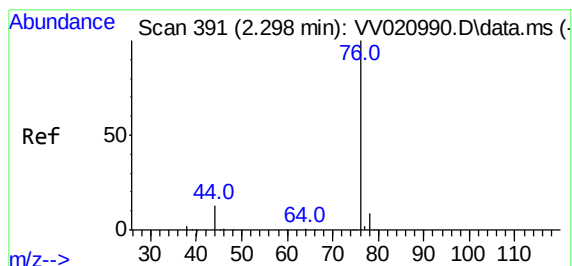
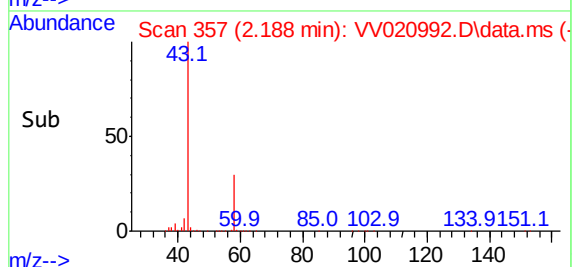
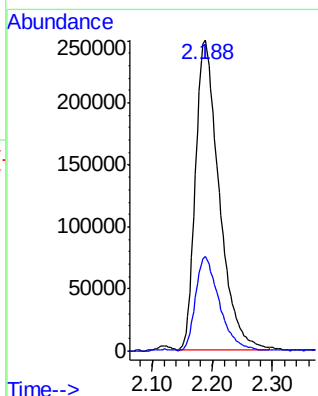
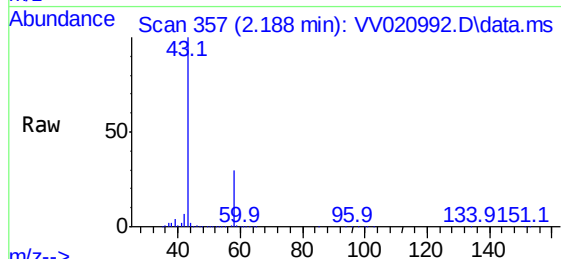




#13
Acetone
Concen: 366.09 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

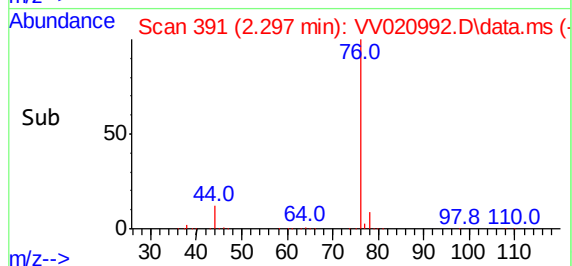
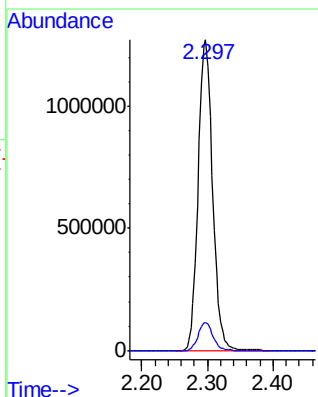
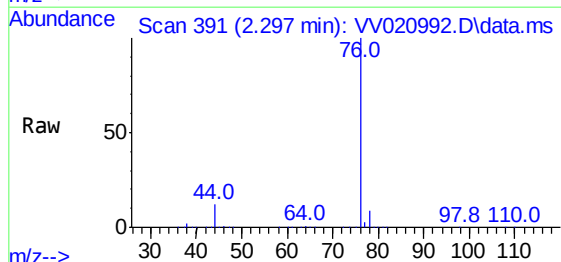
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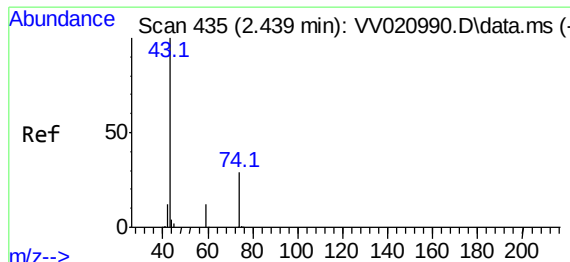
Tgt Ion: 43 Resp: 674505
Ion Ratio Lower Upper
43 100
58 30.5 0.0 61.6



#14
Carbon disulfide
Concen: 179.44 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 76 Resp: 1919831
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

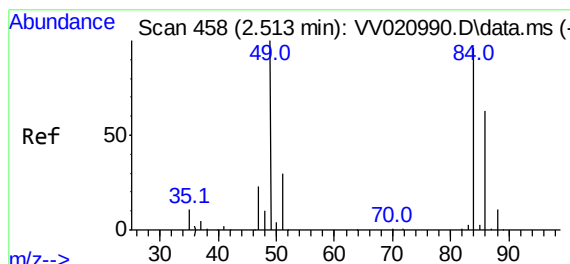
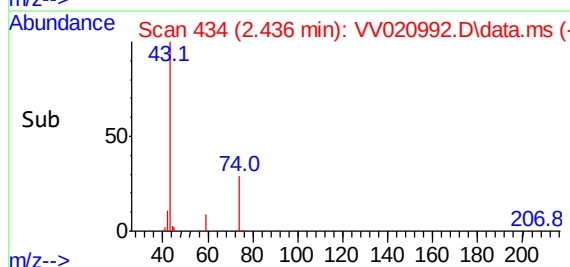
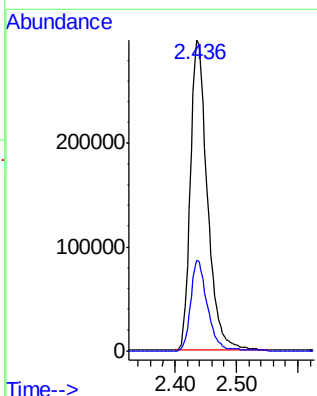
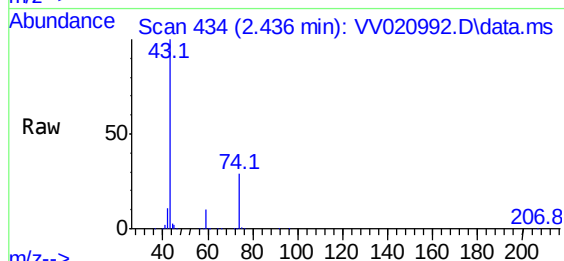




#15
Methyl Acetate
Concen: 156.21 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

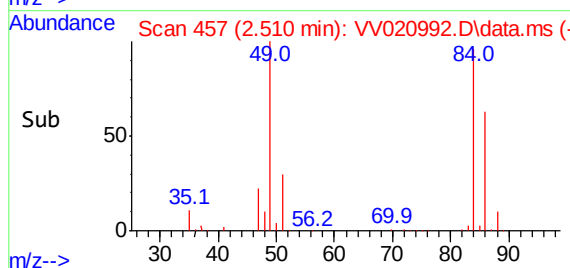
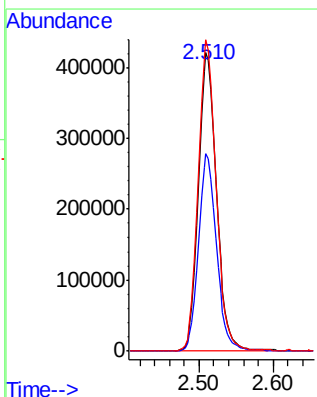
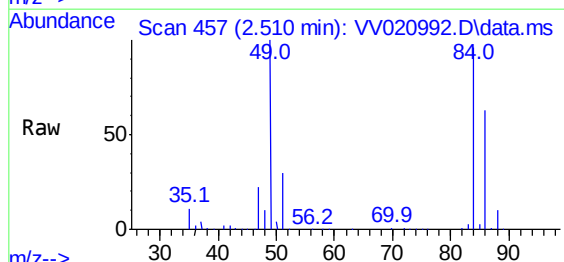
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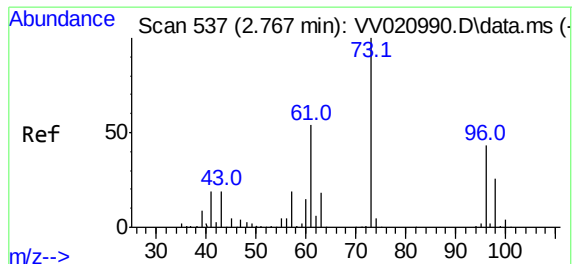
Tgt Ion: 43 Resp: 577510
Ion Ratio Lower Upper
43 100
74 28.1 22.6 34.0



#16
Methylene chloride
Concen: 180.34 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 84 Resp: 717106
Ion Ratio Lower Upper
84 100
86 65.8 45.5 84.5
49 104.2 72.7 134.9

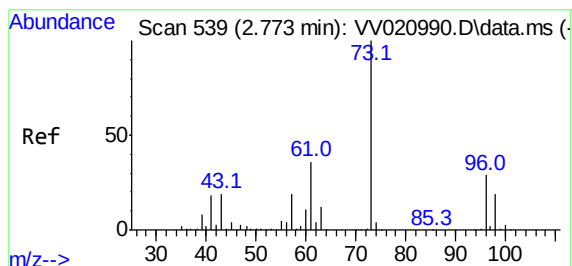
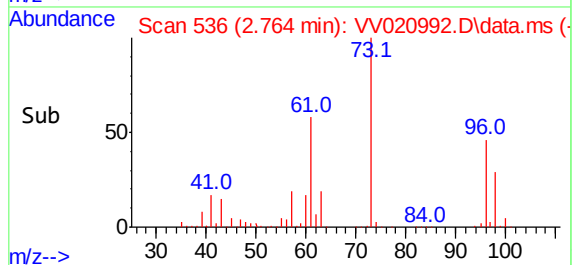
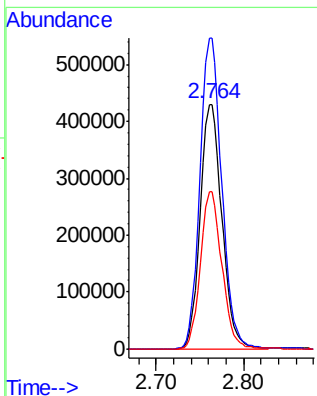
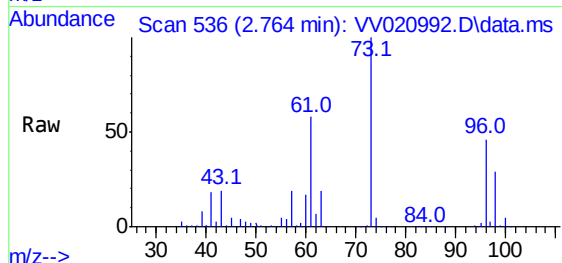




#17
trans-1,2-Dichloroethene
Concen: 196.48 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

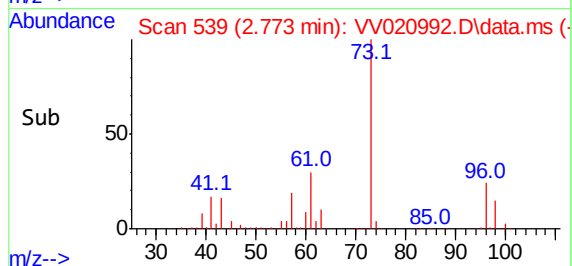
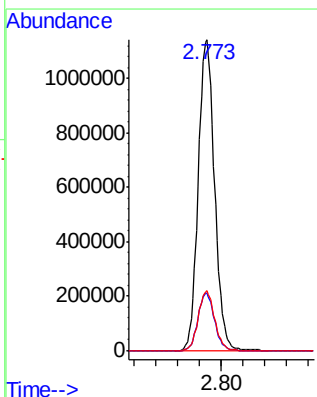
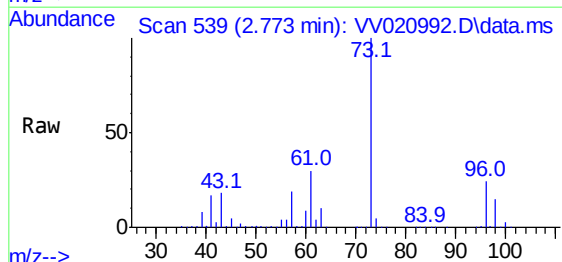
Instrument :
MSVOA_V
ClientSampled :
VSTD20063

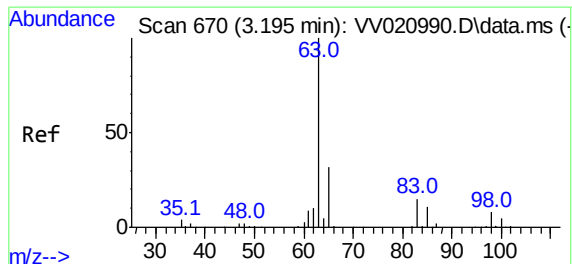
Tgt Ion: 96 Resp: 741229
Ion Ratio Lower Upper
96 100
61 127.1 86.7 160.9
98 64.2 42.1 78.3



#18
Methyl tert-butyl Ether
Concen: 202.60 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 73 Resp: 2369636
Ion Ratio Lower Upper
73 100
43 18.5 15.2 22.8
57 19.2 15.2 22.8



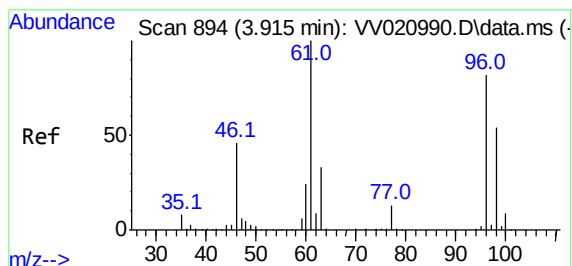
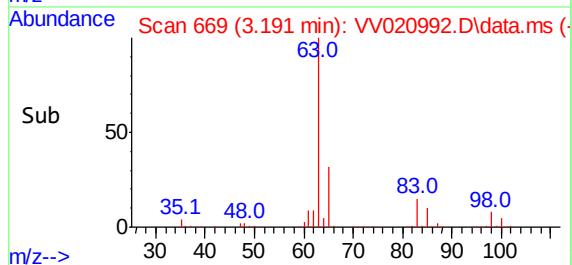
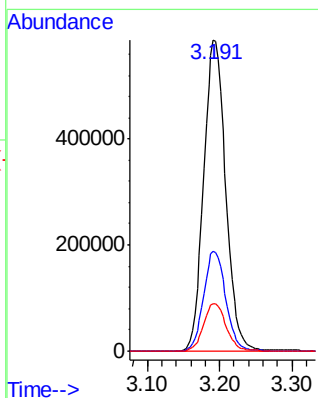
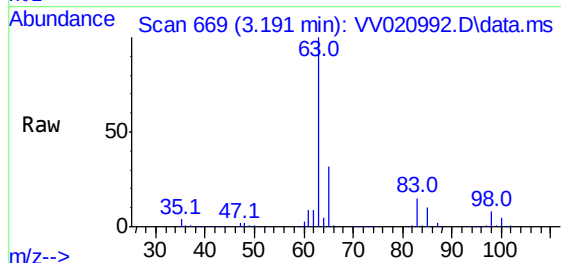


#19
1,1-Dichloroethane
Concen: 178.47 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

Tgt Ion: 63 Resp: 1232192

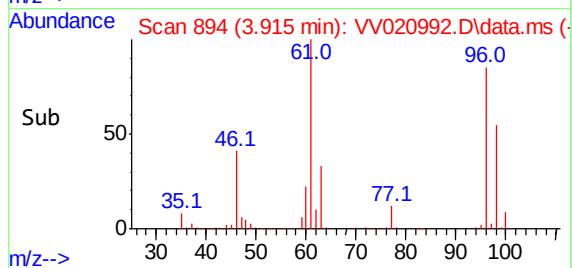
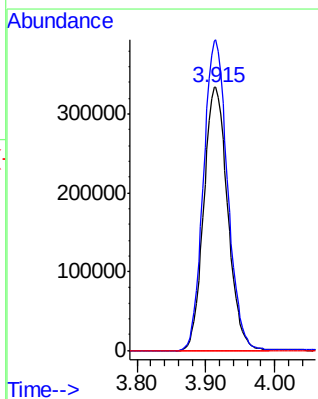
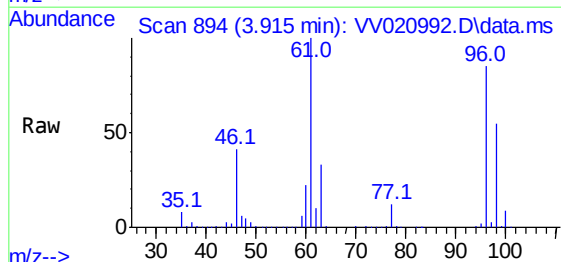
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.4	41.6
83	15.3	10.9	20.2

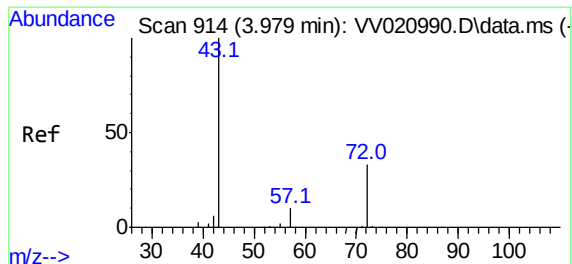


#20
cis-1,2-Dichloroethene
Concen: 200.50 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 96 Resp: 805576

Ion	Ratio	Lower	Upper
96	100		
61	118.1	85.4	158.6
68	0.0	0.0	0.0

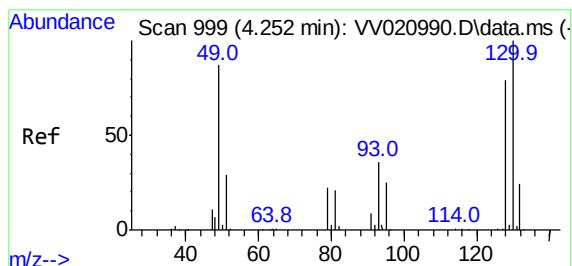
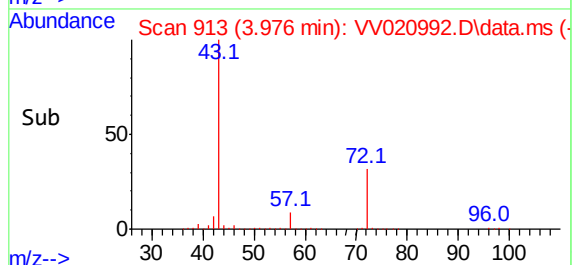
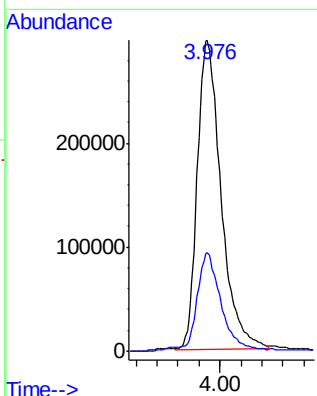
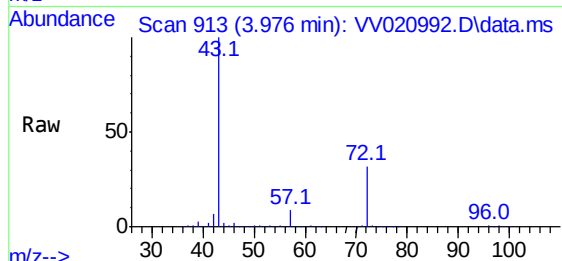




#22
2-Butanone
Concen: 358.89 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

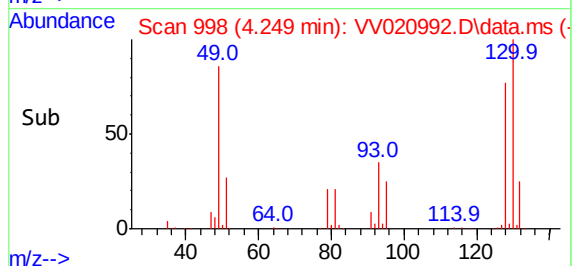
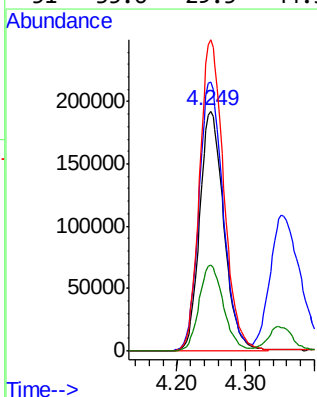
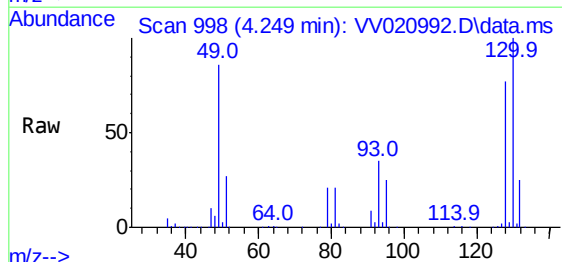
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

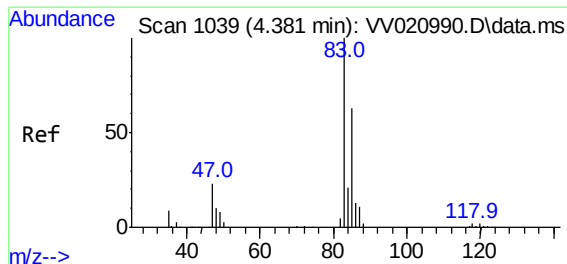
Tgt Ion: 43 Resp: 932750
Ion Ratio Lower Upper
43 100
72 30.8 16.0 48.0



#23
Bromochloromethane
Concen: 209.50 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 128 Resp: 465794
Ion Ratio Lower Upper
128 100
49 112.1 77.0 143.0
130 129.9 88.7 164.7
51 35.6 29.5 44.3

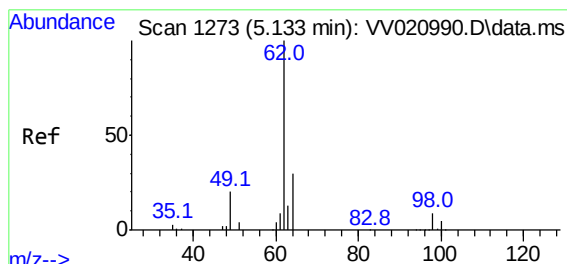
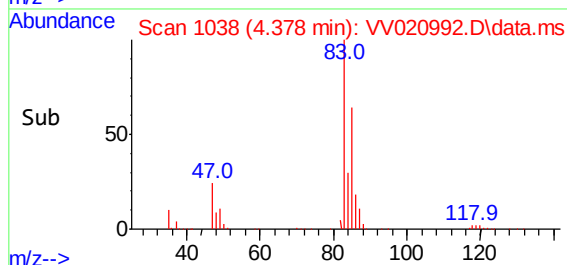
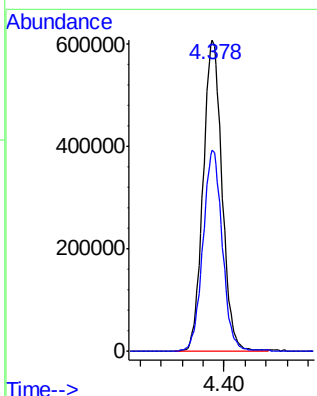
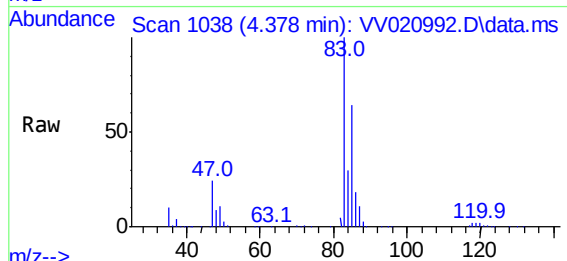




#25
Chloroform
Concen: 199.50 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

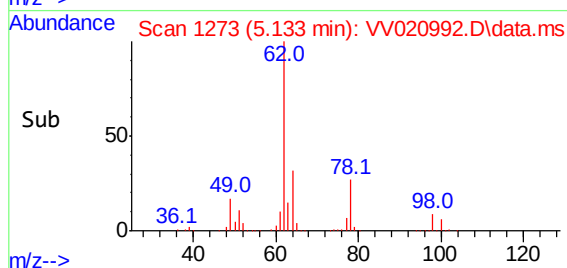
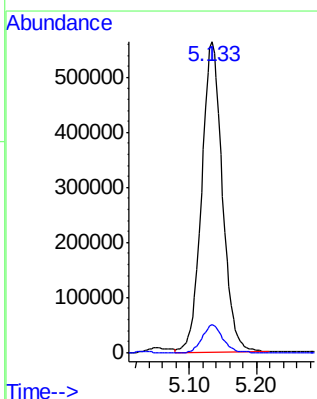
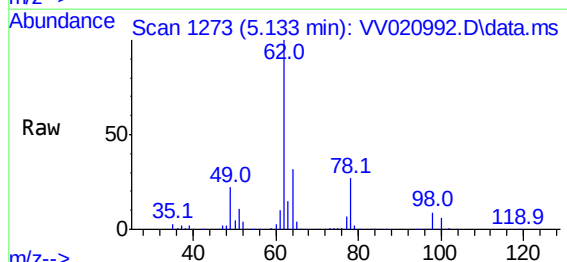
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

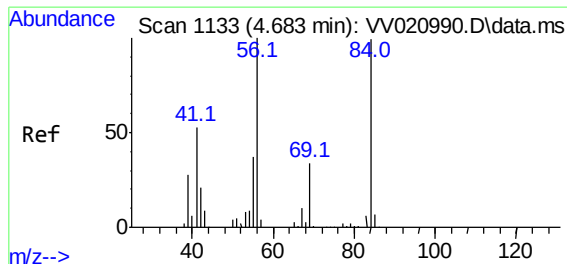
Tgt Ion: 83 Resp: 1501973
Ion Ratio Lower Upper
83 100
85 64.5 44.4 82.5



#27
1,2-Dichloroethane
Concen: 201.78 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 62 Resp: 1208398
Ion Ratio Lower Upper
62 100
98 8.9 6.8 10.2



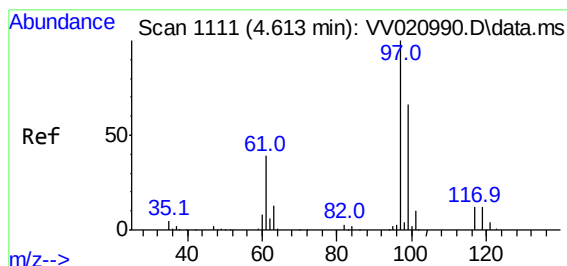
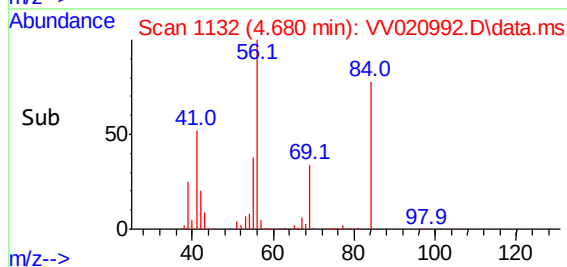
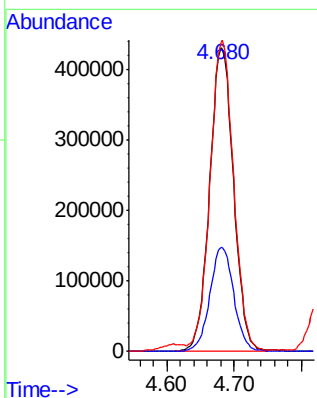
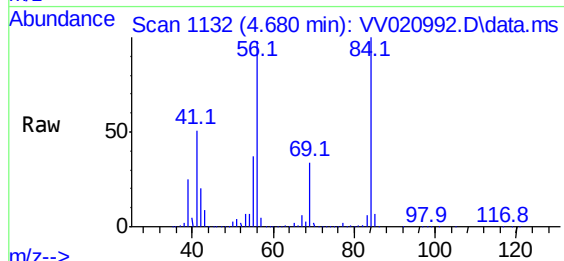


#29
Cyclohexane
Concen: 174.50 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

Tgt Ion: 56 Resp: 1065885

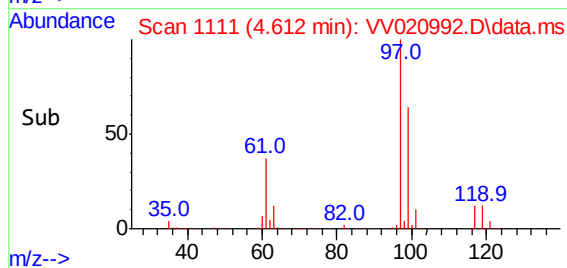
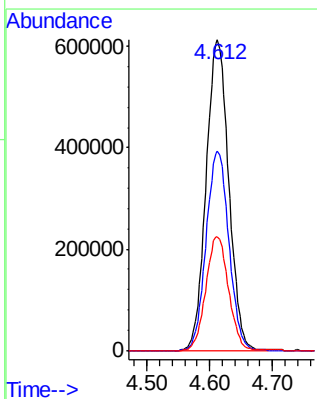
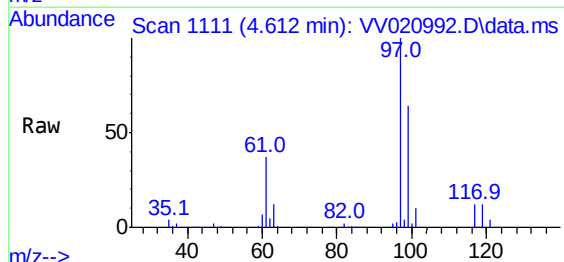
Ion	Ratio	Lower	Upper
56	100		
69	34.0	26.9	40.3
84	101.3	79.3	118.9

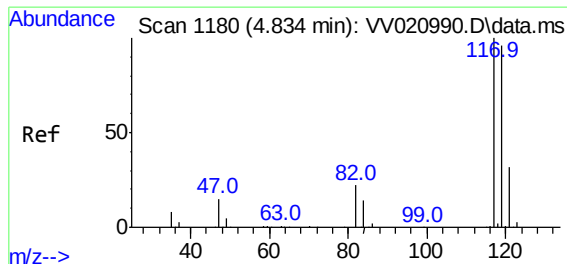


#30
1,1,1-Trichloroethane
Concen: 214.97 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 97 Resp: 1521121

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.1	78.1
61	36.9	31.0	46.6

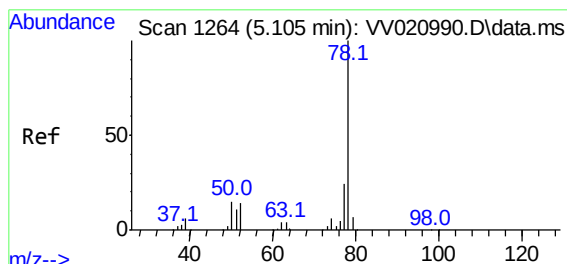
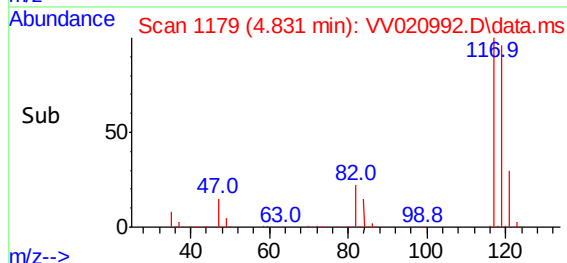
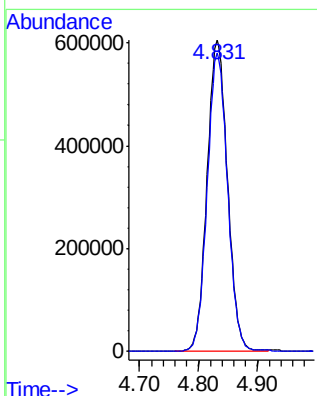
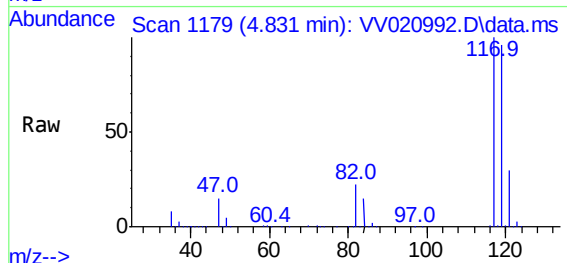




#31
Carbon tetrachloride
Concen: 223.69 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

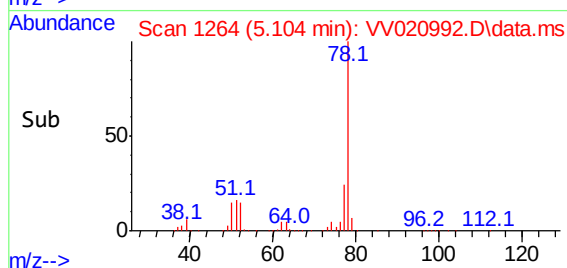
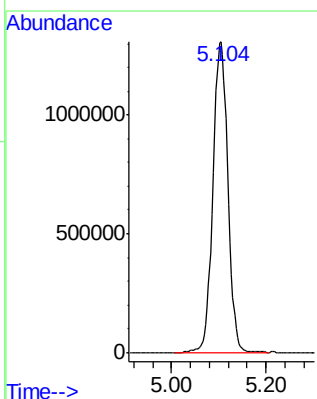
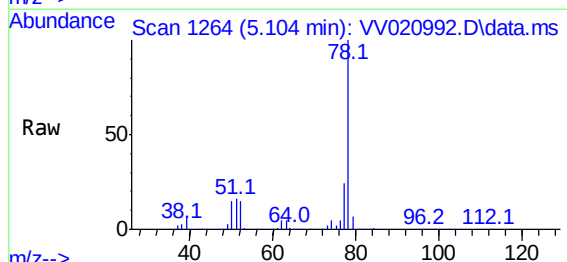
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

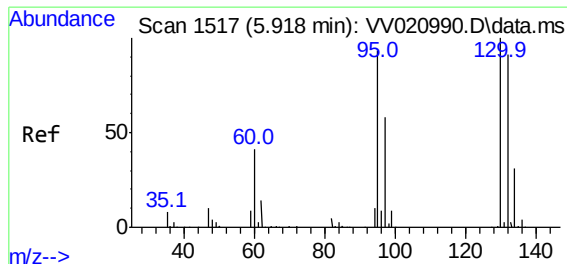
Tgt Ion:117 Resp: 1435608
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3



#33
Benzene
Concen: 187.79 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 78 Resp: 2848327

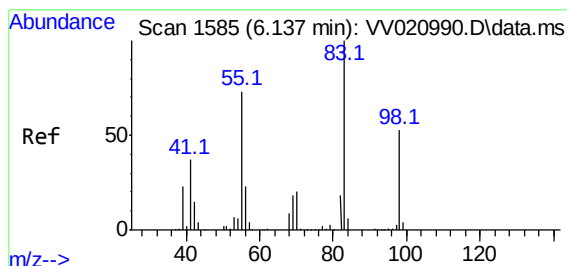
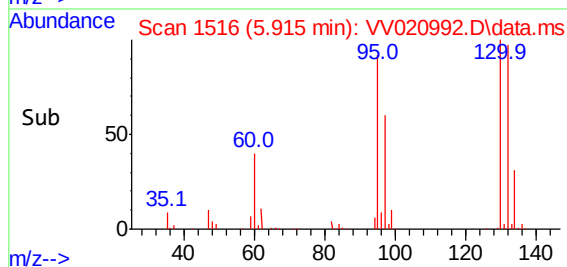
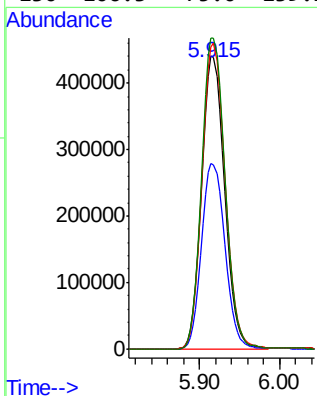
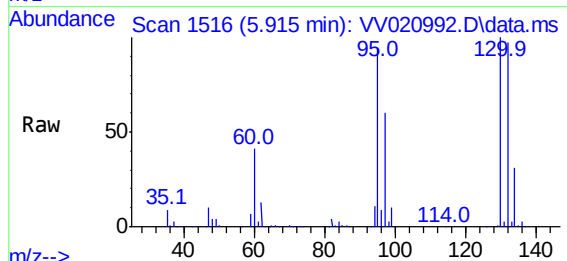




#34
Trichloroethene
Concen: 199.36 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

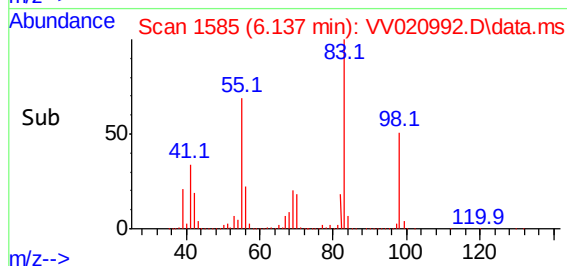
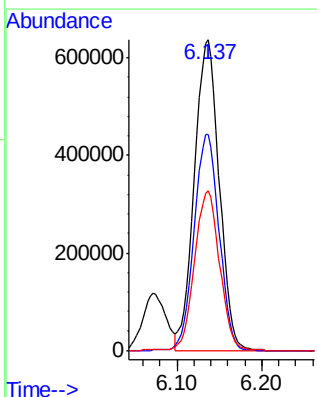
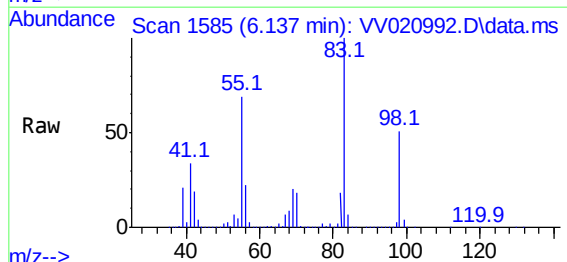
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

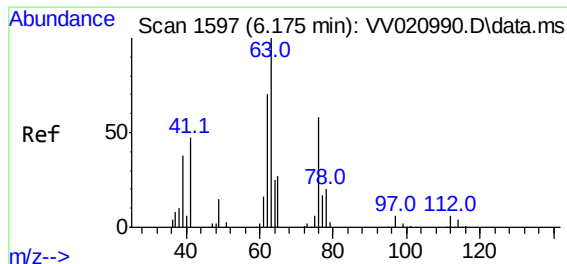
Tgt Ion: 95 Resp: 842499
Ion Ratio Lower Upper
95 100
97 63.6 43.8 81.3
132 103.2 68.3 126.8
130 106.3 75.0 139.2



#35
Methylcyclohexane
Concen: 199.88 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 83 Resp: 1291201
Ion Ratio Lower Upper
83 100
55 69.7 56.2 84.4
98 51.7 41.4 62.0

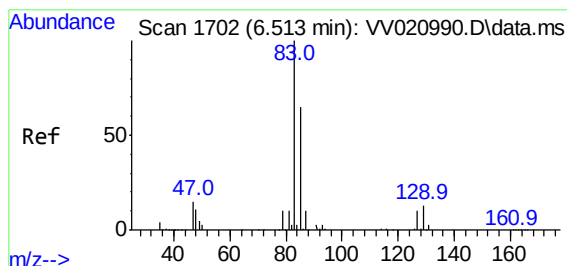
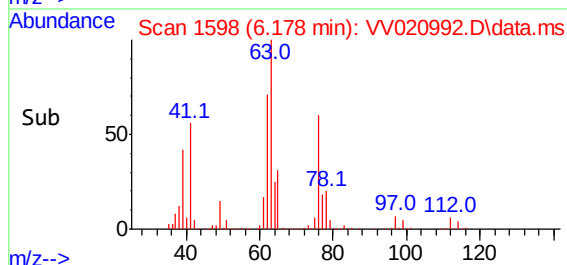
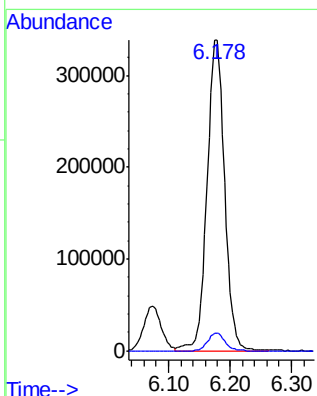
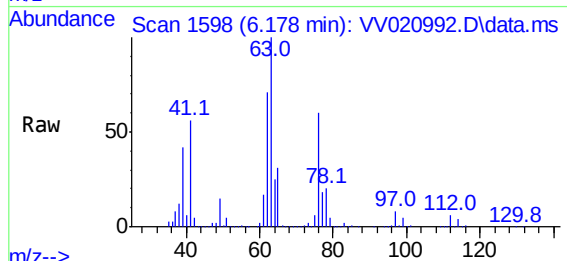




#37
1,2-Dichloropropane
Concen: 171.77 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

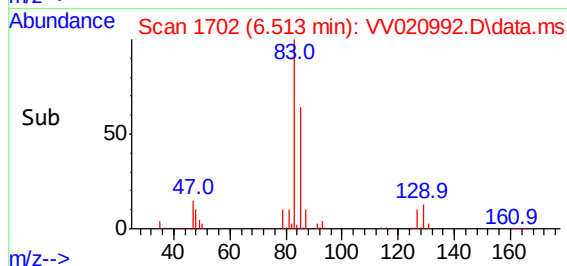
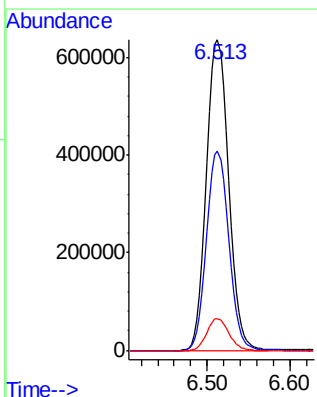
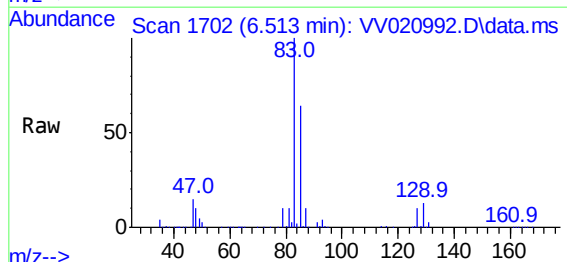
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

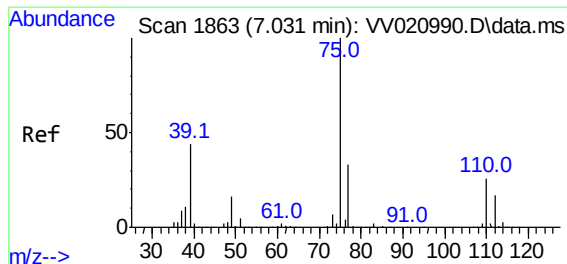
Tgt Ion: 63 Resp: 676025
Ion Ratio Lower Upper
63 100
112 5.6 4.5 6.7



#38
Bromodichloromethane
Concen: 206.19 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 83 Resp: 1181437
Ion Ratio Lower Upper
83 100
85 64.1 45.5 84.5
127 10.3 8.2 12.4

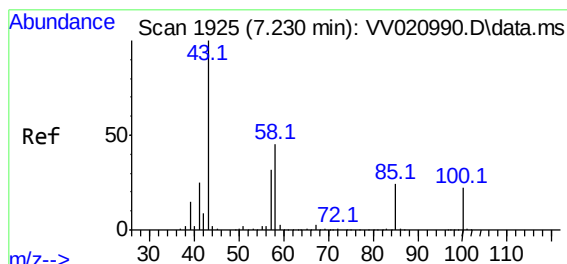
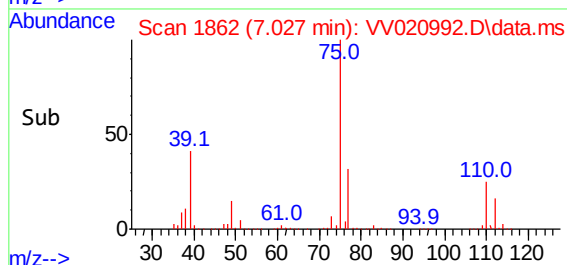
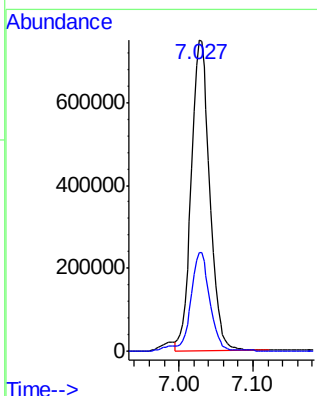
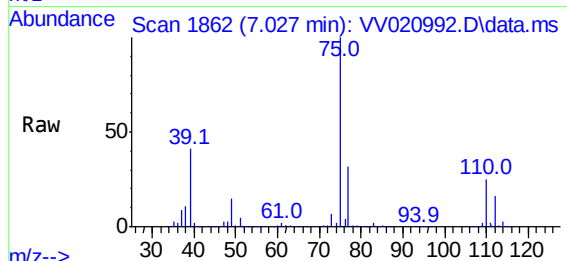




#39
cis-1,3-Dichloropropene
Concen: 208.05 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

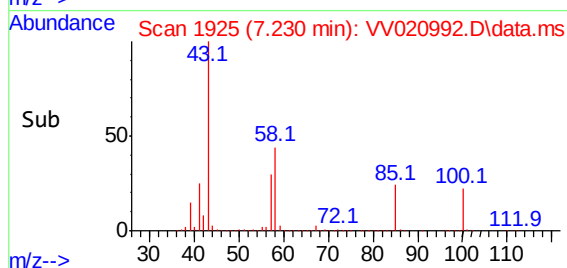
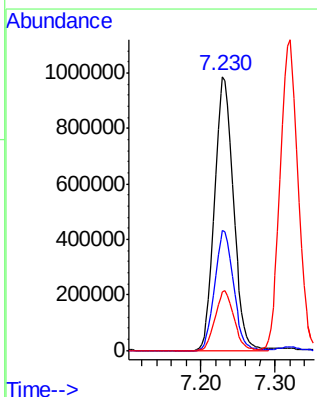
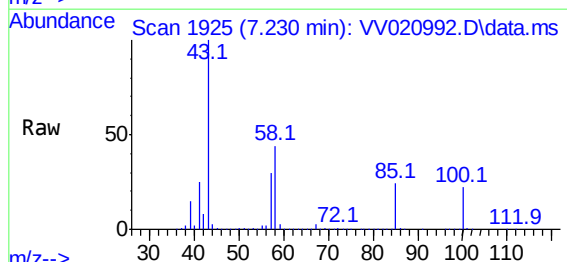
Instrument :
MSVOA_V
ClientSampled :
VSTD20063

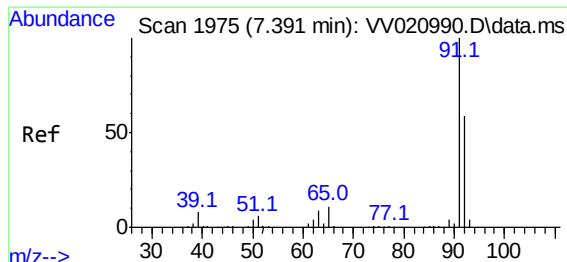
Tgt Ion: 75 Resp: 1293137
Ion Ratio Lower Upper
75 100
77 31.8 23.0 42.8



#40
4-Methyl-2-pentanone
Concen: 338.92 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 43 Resp: 1752608
Ion Ratio Lower Upper
43 100
58 43.6 35.2 52.8
100 21.6 17.1 25.7

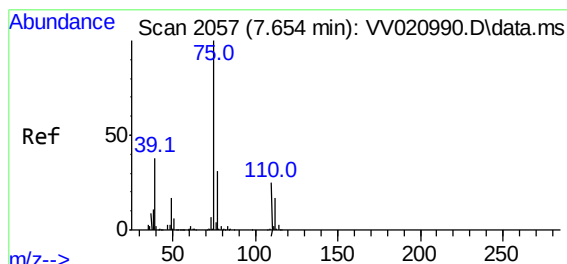
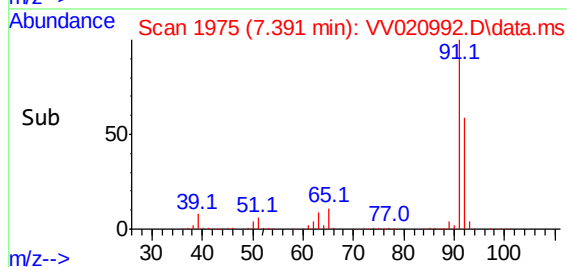
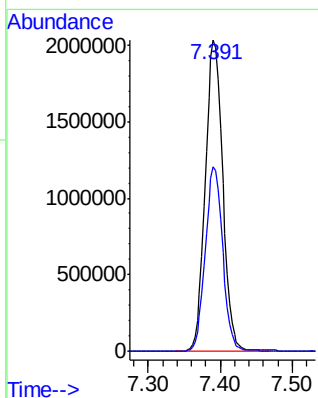
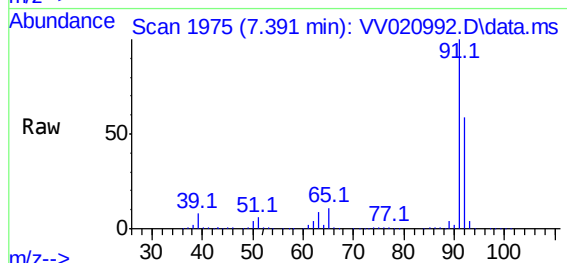




#42
Toluene
Concen: 202.08 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

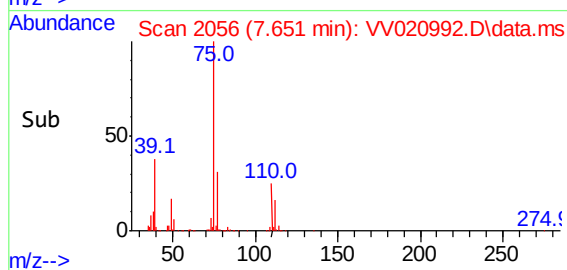
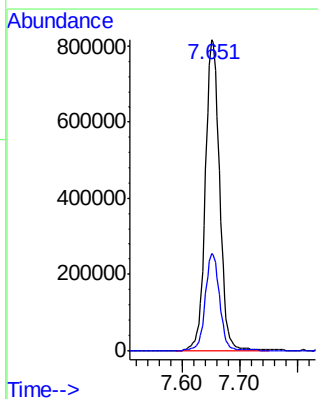
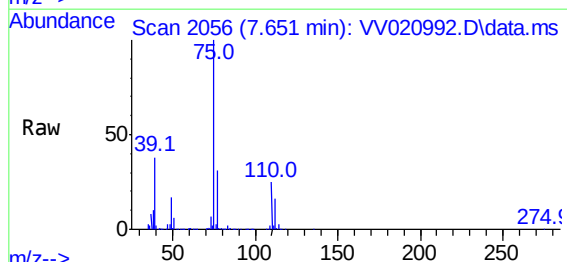
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

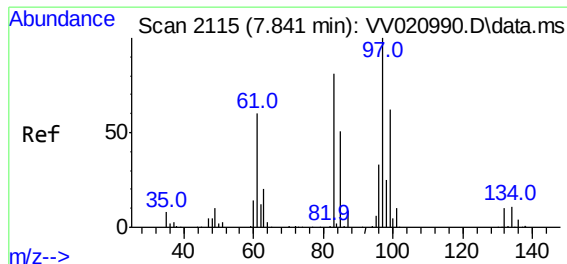
Tgt Ion: 91 Resp: 3388469
Ion Ratio Lower Upper
91 100
92 59.1 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 220.70 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 75 Resp: 1376994
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.4



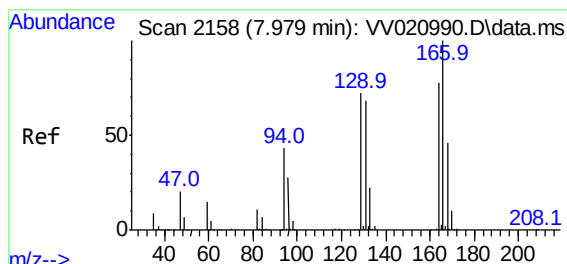
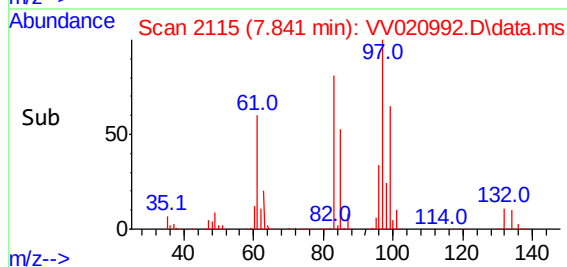
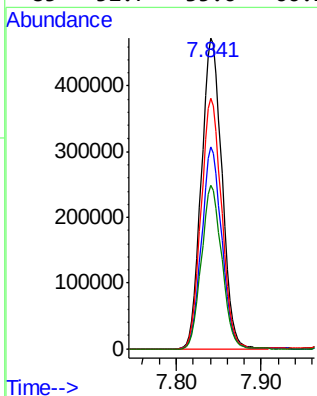
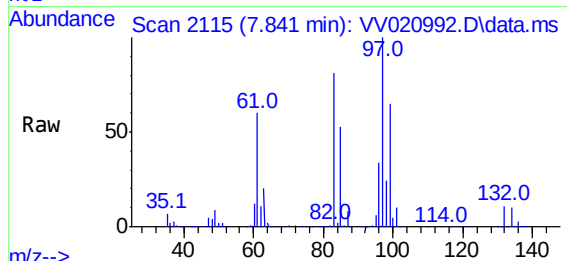


#45
1,1,2-Trichloroethane
Concen: 198.75 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

Tgt Ion: 97 Resp: 792957

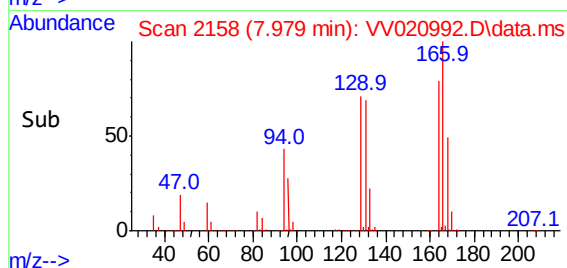
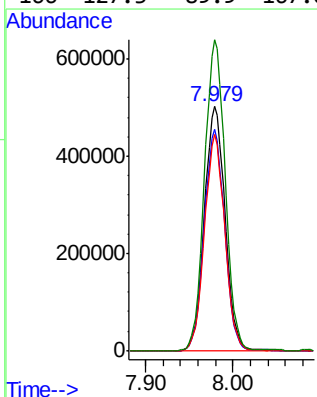
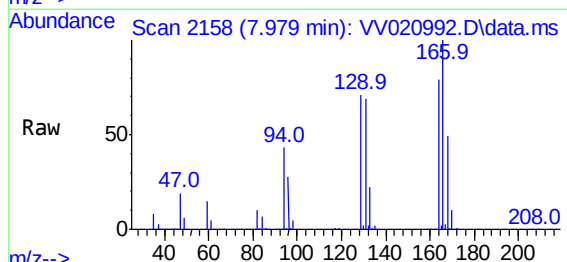
Ion	Ratio	Lower	Upper
97	100		
99	64.9	43.0	80.0
83	80.8	56.4	104.7
85	52.7	35.6	66.2

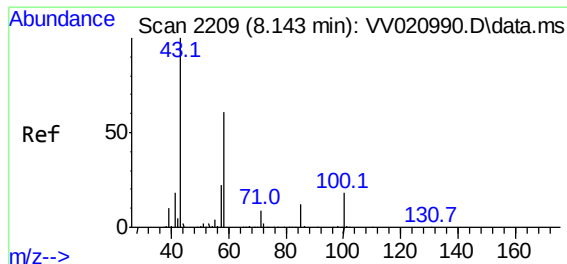


#46
Tetrachloroethene
Concen: 223.70 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 164 Resp: 817963

Ion	Ratio	Lower	Upper
164	100		
129	90.8	64.3	119.5
131	88.4	61.1	113.5
166	127.3	89.9	167.0



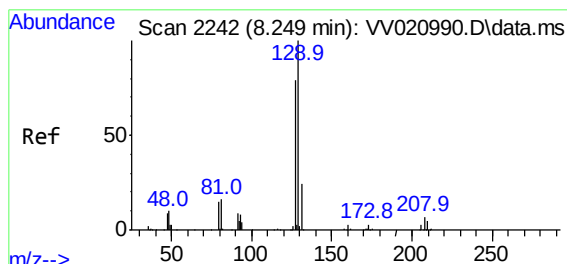
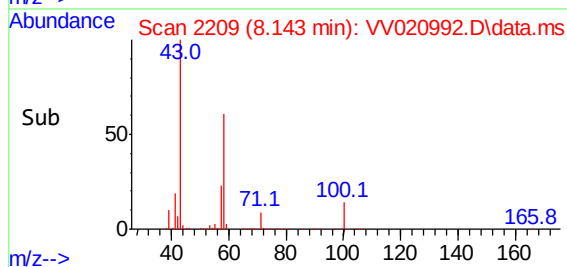
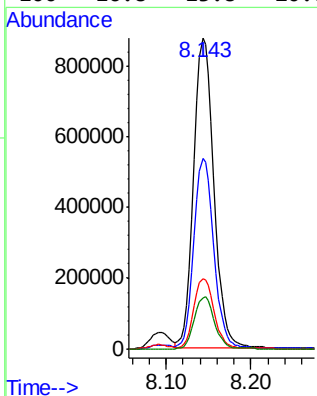
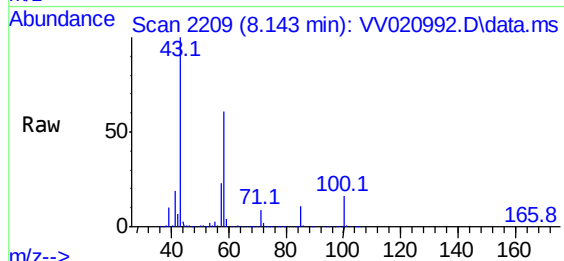


#48
2-Hexanone
Concen: 364.38 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

Tgt Ion: 43 Resp: 1444819

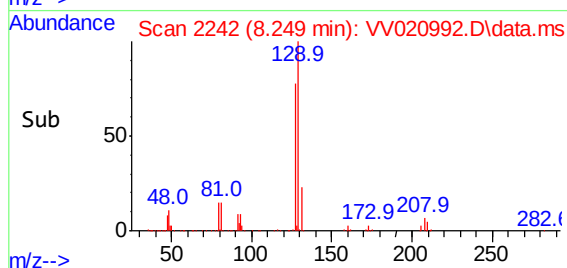
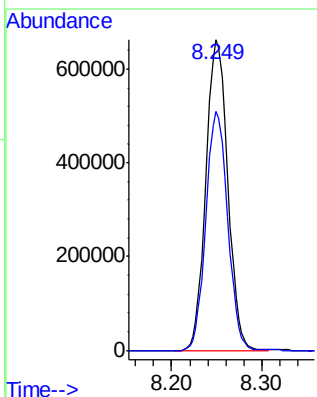
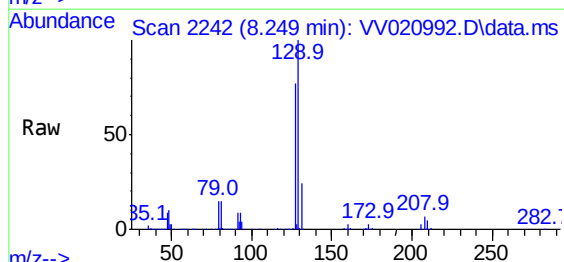
Ion	Ratio	Lower	Upper
43	100		
58	61.0	49.4	74.0
57	22.7	18.7	28.1
100	16.8	13.8	20.6

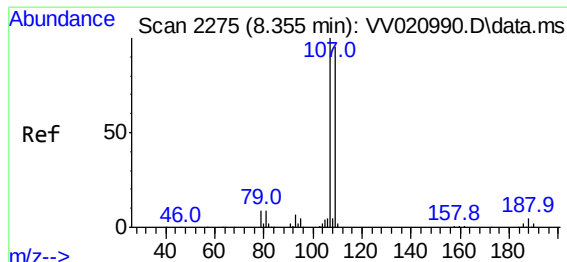


#49
Dibromochloromethane
Concen: 232.04 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 129 Resp: 1110101

Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.3	102.7

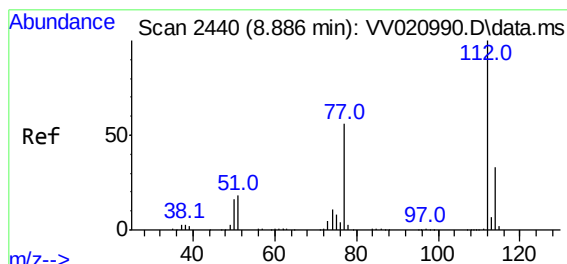
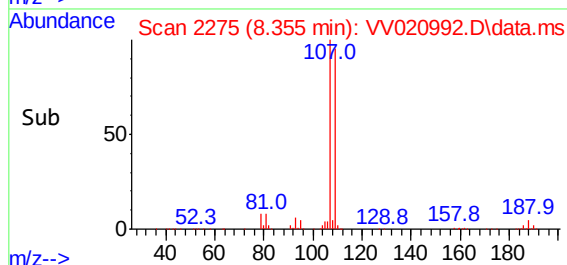
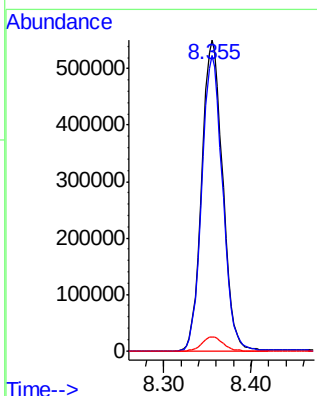
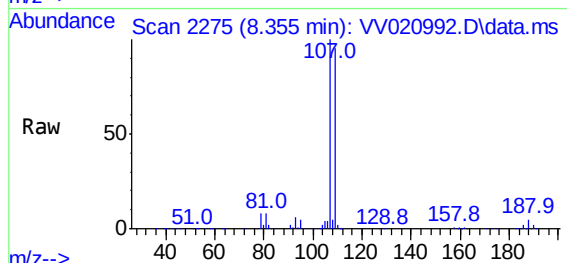




#50
1,2-Dibromoethane
Concen: 211.61 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

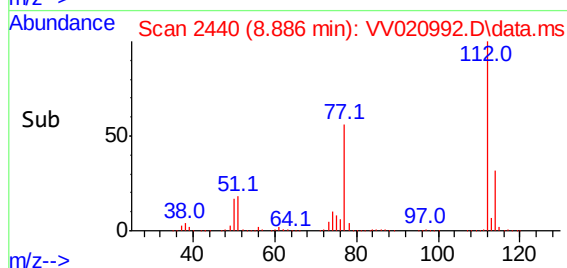
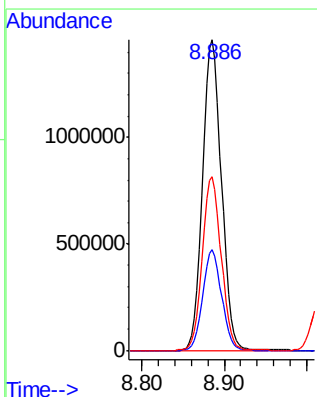
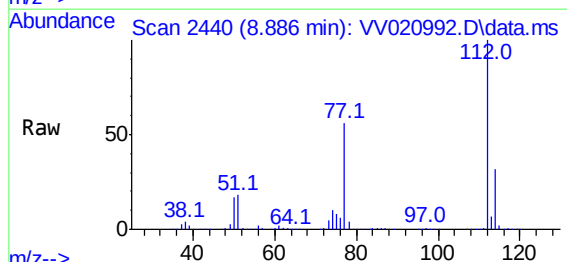
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

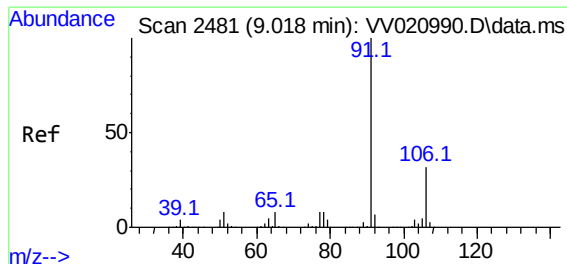
Tgt Ion:107 Resp: 909500
Ion Ratio Lower Upper
107 100
109 95.0 66.1 122.8
188 4.6 3.8 5.8



#51
Chlorobenzene
Concen: 204.99 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion:112 Resp: 2322771
Ion Ratio Lower Upper
112 100
114 32.3 23.0 42.8
77 55.8 45.1 67.7

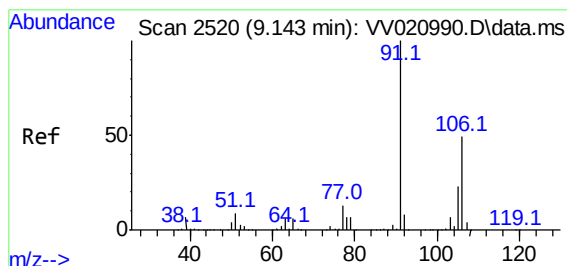
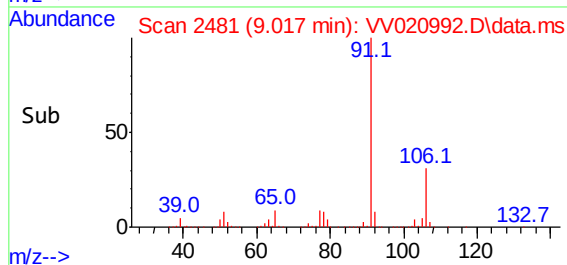
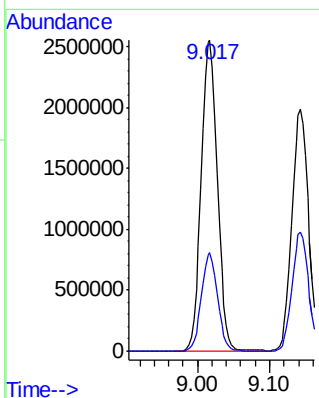
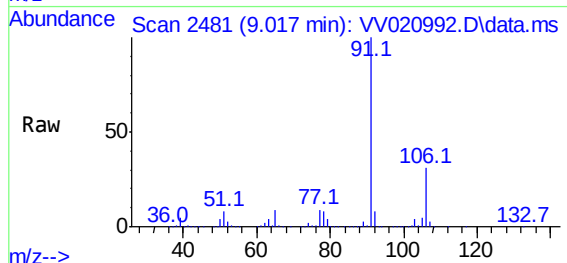




#52
Ethylbenzene
Concen: 206.35 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

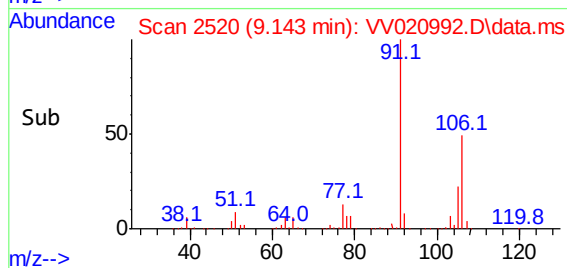
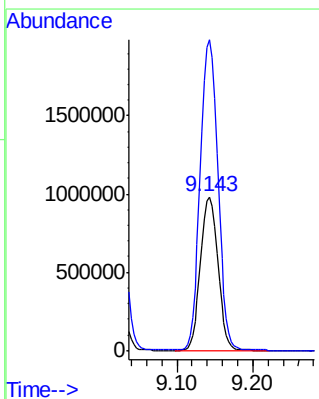
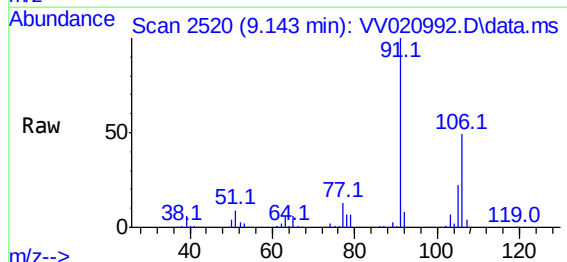
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

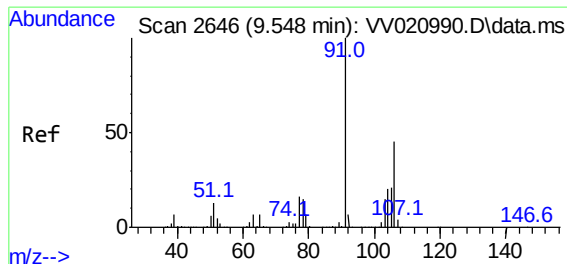
Tgt Ion: 91 Resp: 3961264
Ion Ratio Lower Upper
91 100
106 31.4 22.0 41.0



#53
m,p-Xylene
Concen: 215.91 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 106 Resp: 1552521
Ion Ratio Lower Upper
106 100
91 202.7 143.4 266.2

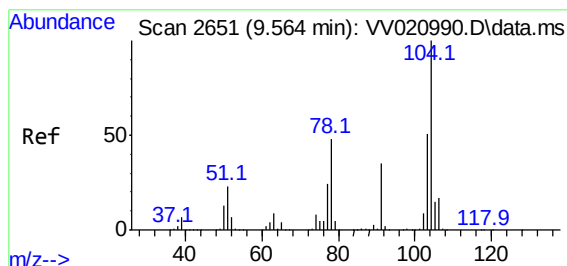
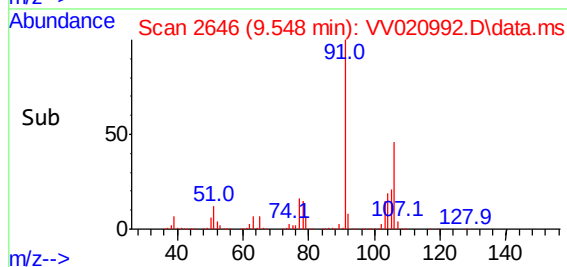
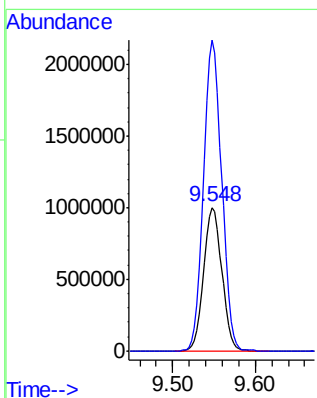
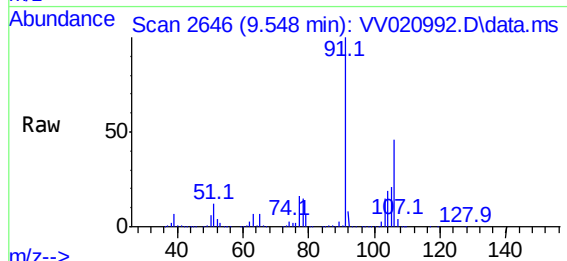




#54
o-xylene
Concen: 220.88 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

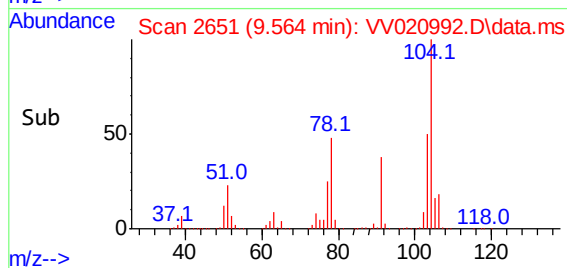
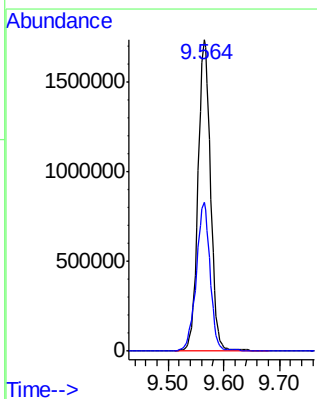
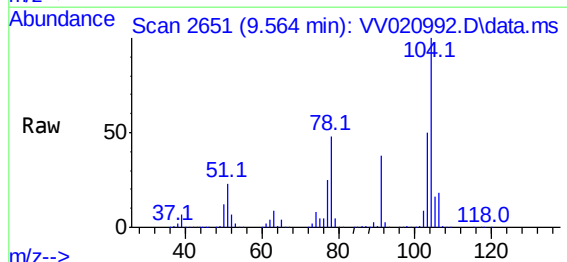
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

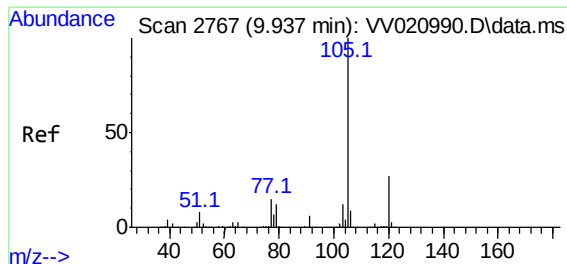
Tgt Ion:106 Resp: 1528019
Ion Ratio Lower Upper
106 100
91 217.0 156.2 290.2



#55
Styrene
Concen: 221.13 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion:104 Resp: 2674438
Ion Ratio Lower Upper
104 100
78 47.6 33.6 62.4

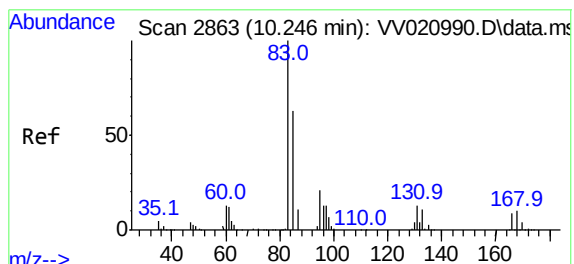
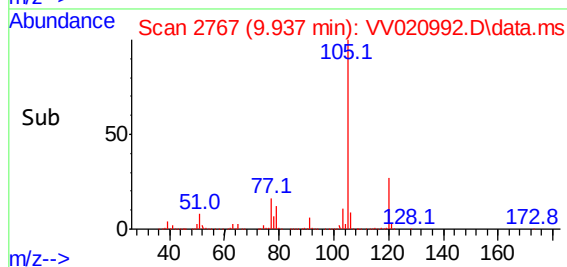
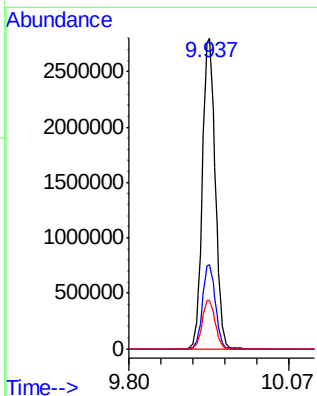
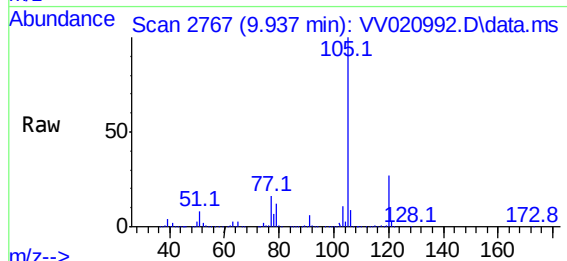




#56
Isopropylbenzene
Concen: 223.12 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

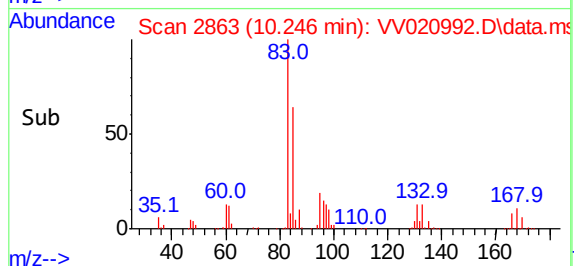
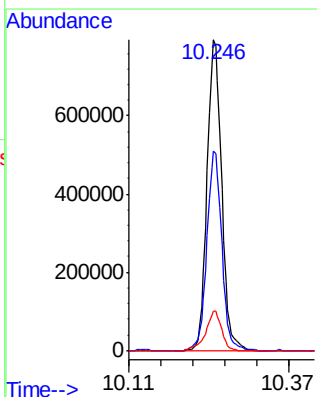
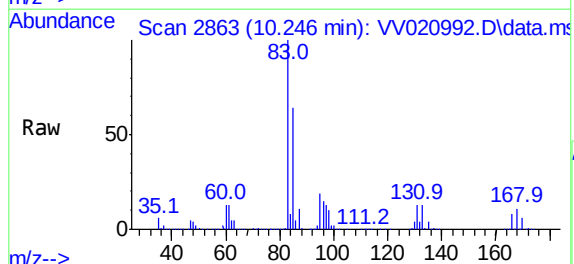
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

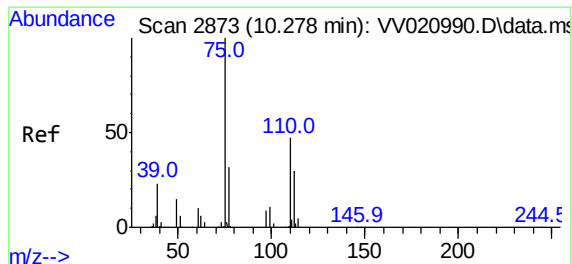
Tgt Ion:105 Resp: 4256529
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 15.6 12.6 18.8



#58
1,1,2,2-Tetrachloroethane
Concen: 196.39 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 83 Resp: 1265408
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7
131 12.7 10.4 15.6

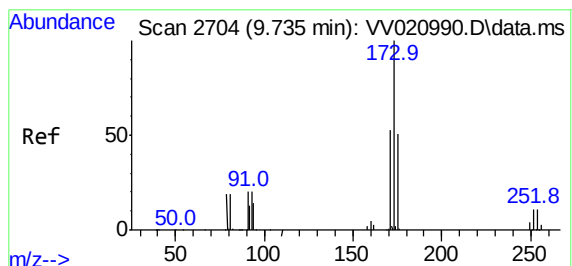
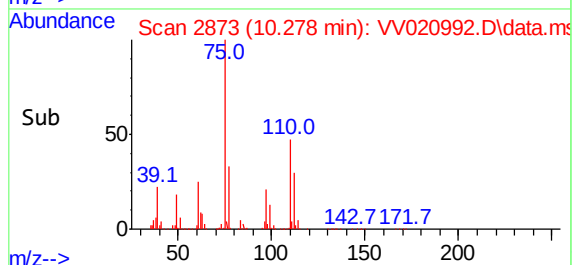
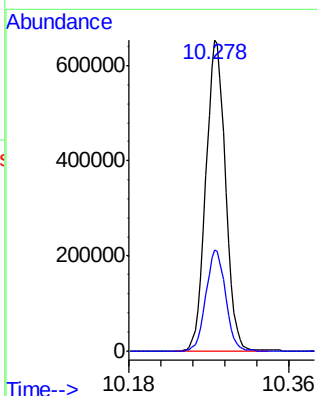
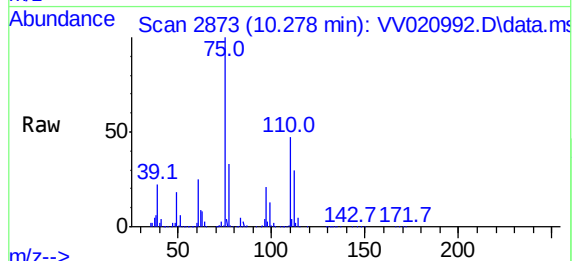




#59
1,2,3-Trichloropropane
Concen: 192.86 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

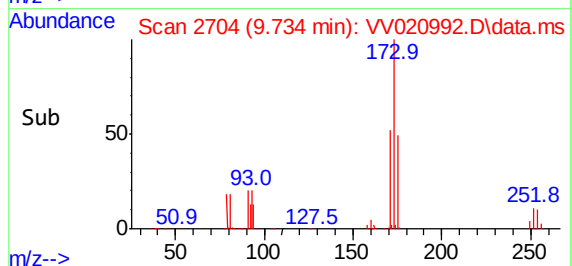
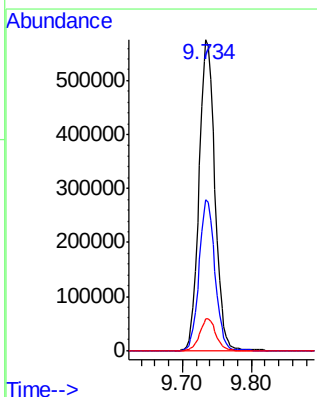
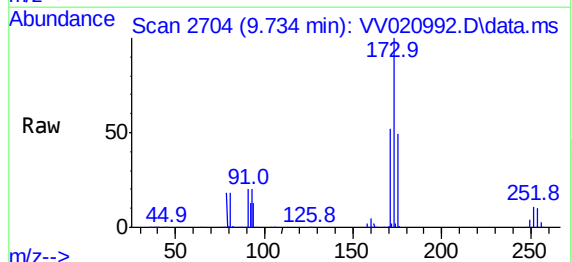
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

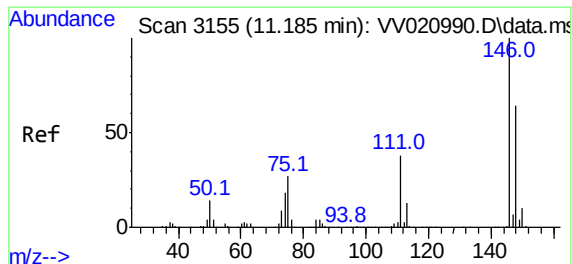
Tgt Ion: 75 Resp: 1010170
Ion Ratio Lower Upper
75 100
77 32.3 26.6 40.0



#61
Bromoform
Concen: 225.64 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion: 173 Resp: 915960
Ion Ratio Lower Upper
173 100
175 48.7 39.1 58.7
254 10.3 8.3 12.5

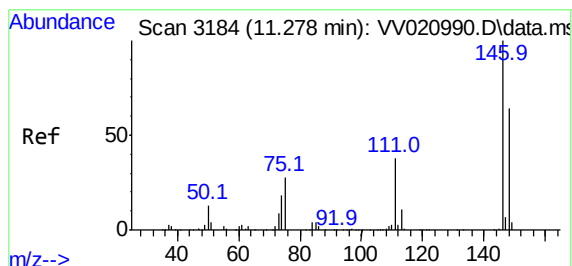
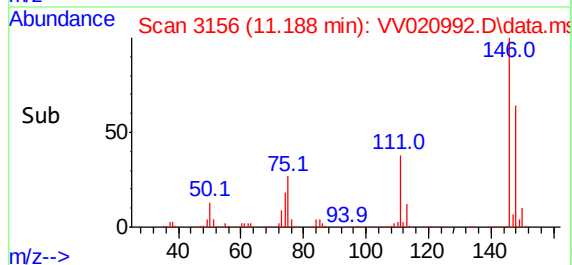
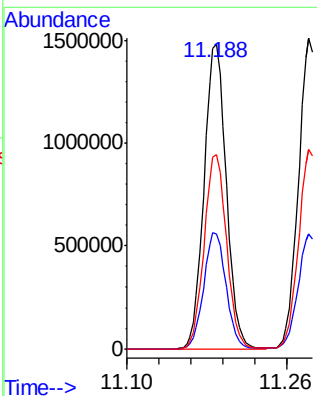
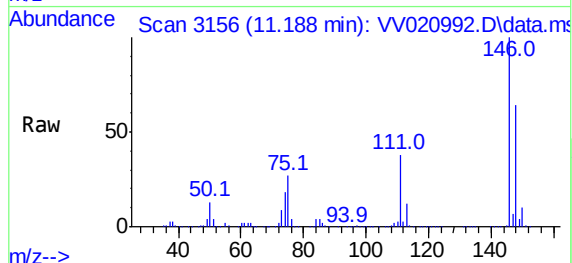




#62
1,3-Dichlorobenzene
Concen: 206.86 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

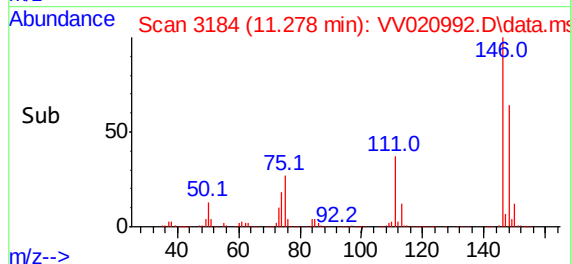
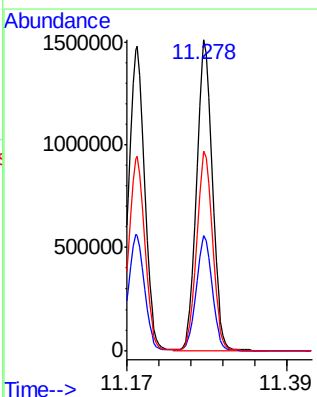
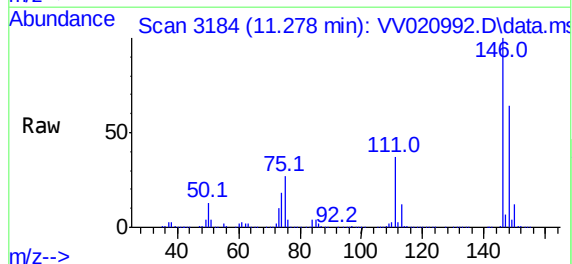
Instrument :
MSVOA_V
ClientSampled :
VSTD20063

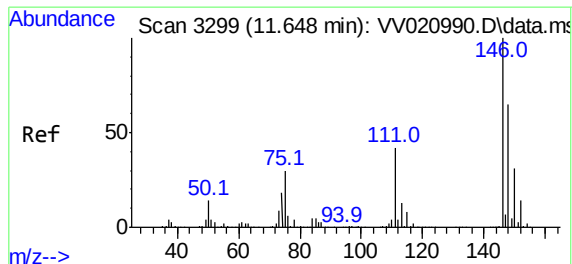
Tgt Ion:146 Resp: 2207456
Ion Ratio Lower Upper
146 100
111 37.9 26.9 49.9
148 64.0 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 202.70 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion:146 Resp: 2239871
Ion Ratio Lower Upper
146 100
111 37.0 26.8 49.8
148 64.1 44.8 83.2



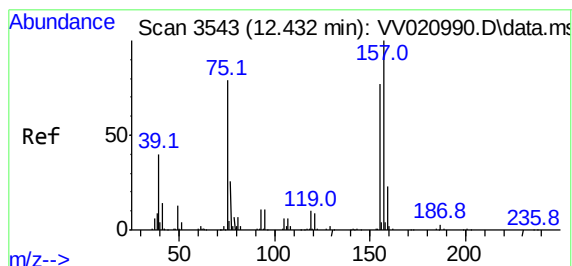
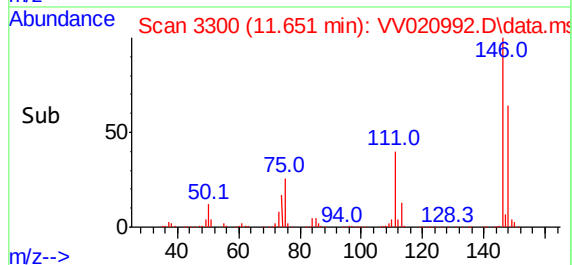
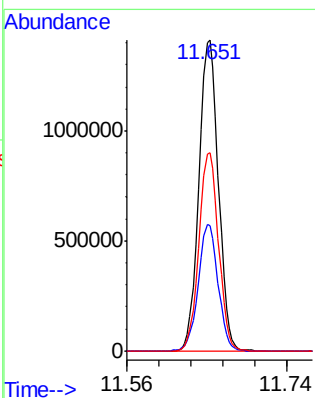
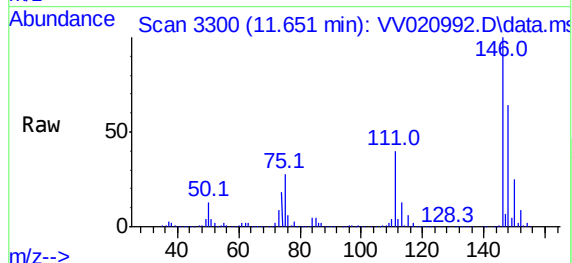


#65
 1,2-Dichlorobenzene
 Concen: 206.28 ug/L
 RT: 11.651 min Scan# 3300
 Delta R.T. 0.003 min
 Lab File: VV020992.D
 Acq: 13 Apr 2021 11:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20063

Tgt Ion:146 Resp: 2174532

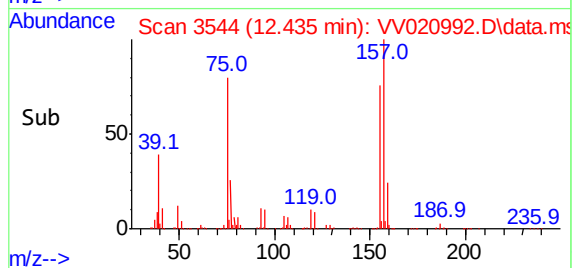
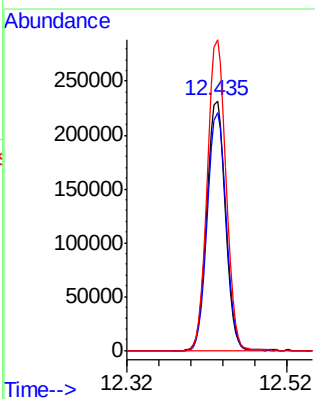
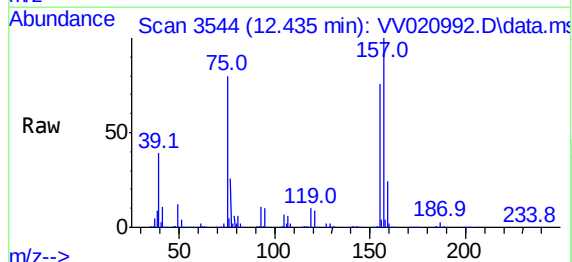
Ion	Ratio	Lower	Upper
146	100		
111	40.5	33.4	50.0
148	63.9	51.6	77.4

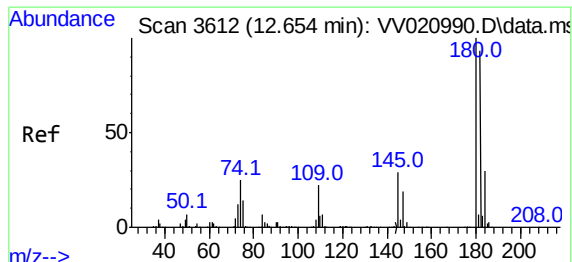


#66
 1,2-Dibromo-3-chloropropane
 Concen: 204.09 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. 0.003 min
 Lab File: VV020992.D
 Acq: 13 Apr 2021 11:24

Tgt Ion: 75 Resp: 354750

Ion	Ratio	Lower	Upper
75	100		
155	95.2	78.0	117.0
157	124.5	100.9	151.3

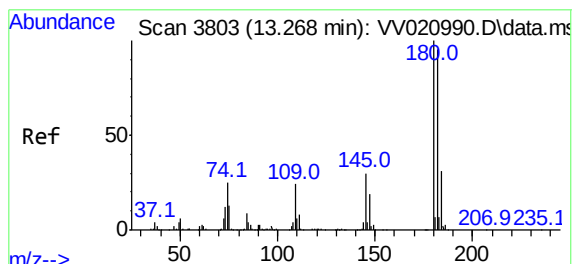
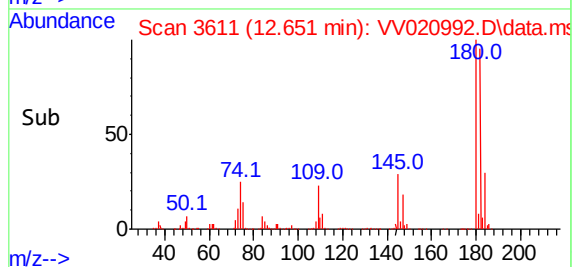
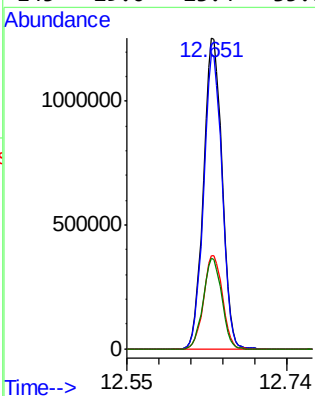
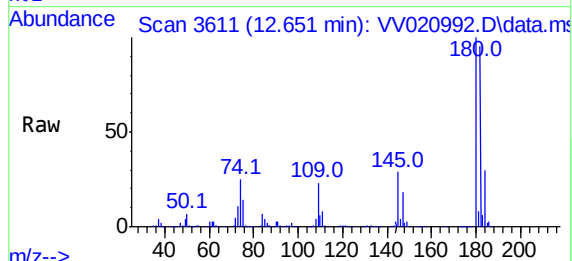




#67
1,3,5-Trichlorobenzene
Concen: 225.62 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

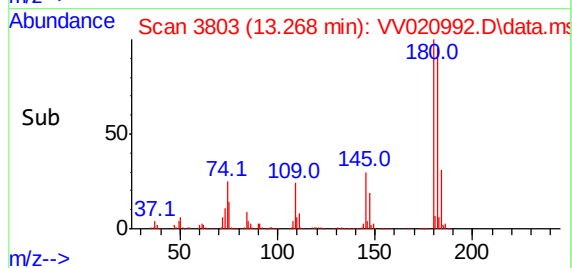
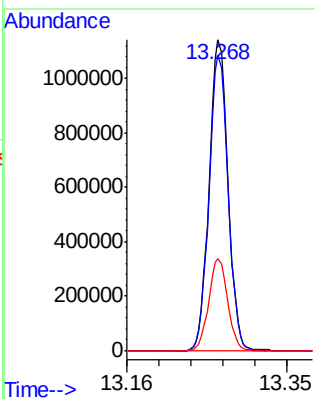
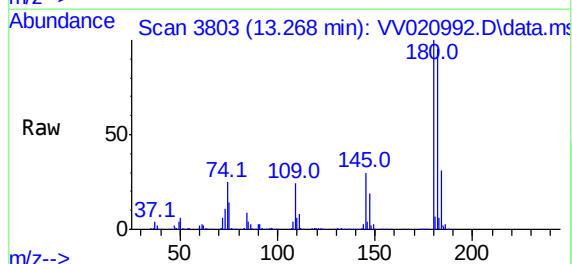
Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

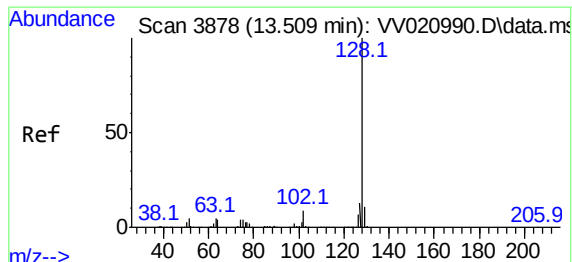
Tgt Ion:180 Resp: 1896107
Ion Ratio Lower Upper
180 100
182 94.5 75.3 112.9
184 30.4 23.6 35.4
145 29.0 23.4 35.0



#68
1,2,4-trichlorobenzene
Concen: 240.82 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion:180 Resp: 1694529
Ion Ratio Lower Upper
180 100
182 96.1 76.5 114.7
145 29.8 24.0 36.0

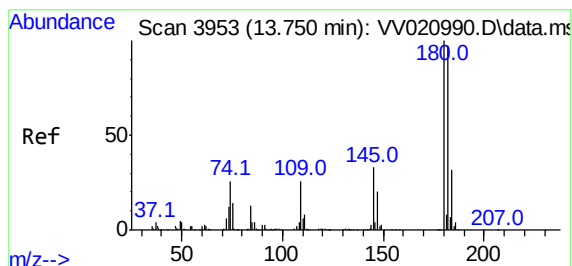
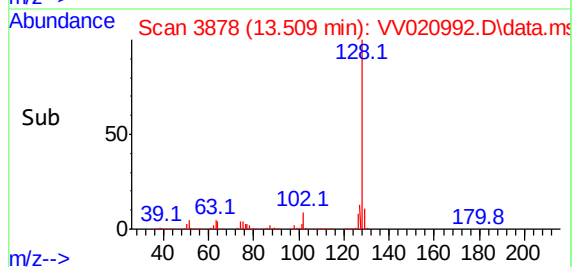
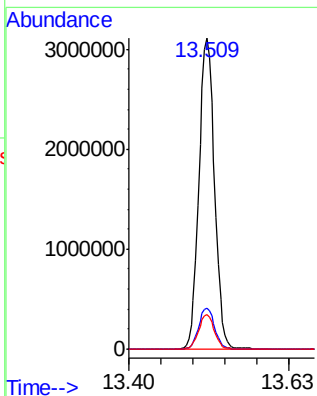
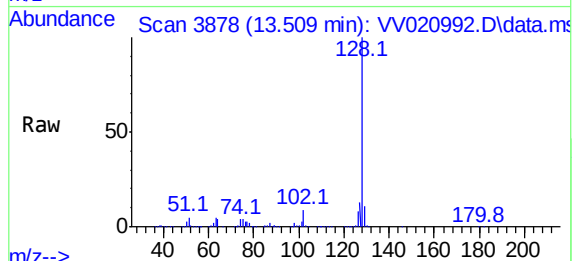




#69
Naphthalene
Concen: 237.35 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD20063

Tgt Ion:128 Resp: 4721515
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 232.70 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020992.D
Acq: 13 Apr 2021 11:24

Tgt Ion:180 Resp: 1649521
Ion Ratio Lower Upper
180 100
182 96.0 77.3 115.9
145 31.9 25.4 38.0

