

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041321\
 Data File : VW020991.D
 Acq On : 13 Apr 2021 10:57
 Operator : SY/MD
 Sample : VSTD10062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10062

Quant Time: Apr 14 03:11:52 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	555226	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	560487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	336102	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	318855	84.03	ug/L	0.00
7) Chloroethane-d5	1.571	69	246878	85.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	672768	92.20	ug/L	0.00
21) 2-Butanone-d5	3.892	46	417326	170.56	ug/L	0.00
24) Chloroform-d	4.352	84	807123	103.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	529333	102.23	ug/L	0.00
32) Benzene-d6	5.053	84	1405949	95.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	392453	87.57	ug/L	0.00
41) Toluene-d8	7.316	98	1455492	104.05	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	256461	104.66	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	364592	194.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	619943	93.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.631	152	684983	103.78	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.133	85	454380	89.22	ug/L	99
3) Chloromethane	1.243	50	321805	80.73	ug/L	99
5) Vinyl chloride	1.314	62	335755	82.39	ug/L	100
6) Bromomethane	1.526	94	205341	81.09	ug/L	100
8) Chloroethane	1.590	64	218752	90.41	ug/L	100
9) Trichlorofluoromethane	1.754	101	765294	104.03	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	368559	103.75	ug/L	98
12) 1,1-Dichloroethene	2.121	96	328262	100.66	ug/L	89
13) Acetone	2.188	43	286814	159.07	ug/L	98
14) Carbon disulfide	2.297	76	944240	90.18	ug/L	99
15) Methyl Acetate	2.439	43	281765	77.88	ug/L	98
16) Methylene chloride	2.510	84	354907	91.20	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	359577	97.40	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	1147521	100.25	ug/L	99
19) 1,1-Dichloroethane	3.191	63	600382	88.86	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	393762	100.14	ug/L	97
22) 2-Butanone	3.976	43	416832	163.88	ug/L	95
23) Bromochloromethane	4.252	128	229920	105.67	ug/L	99
25) Chloroform	4.378	83	745279	101.15	ug/L	98
27) 1,2-Dichloroethane	5.133	62	599448	102.28	ug/L	100
29) Cyclohexane	4.680	56	511558	83.65	ug/L	97
30) 1,1,1-Trichloroethane	4.612	97	746324	105.35	ug/L	99
31) Carbon tetrachloride	4.831	117	705517	109.80	ug/L	100
33) Benzene	5.101	78	1399256	92.15	ug/L	100
34) Trichloroethene	5.915	95	404580	95.63	ug/L	95
35) Methylcyclohexane	6.133	83	626837	96.92	ug/L	100
37) 1,2-Dichloropropane	6.175	63	334087	84.79	ug/L	100
38) Bromodichloromethane	6.513	83	575045	100.24	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	603125	96.92	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	821327	158.64	ug/L	100
42) Toluene	7.390	91	1643286	97.89	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	644160	103.12	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	376057	94.15	ug/L	97

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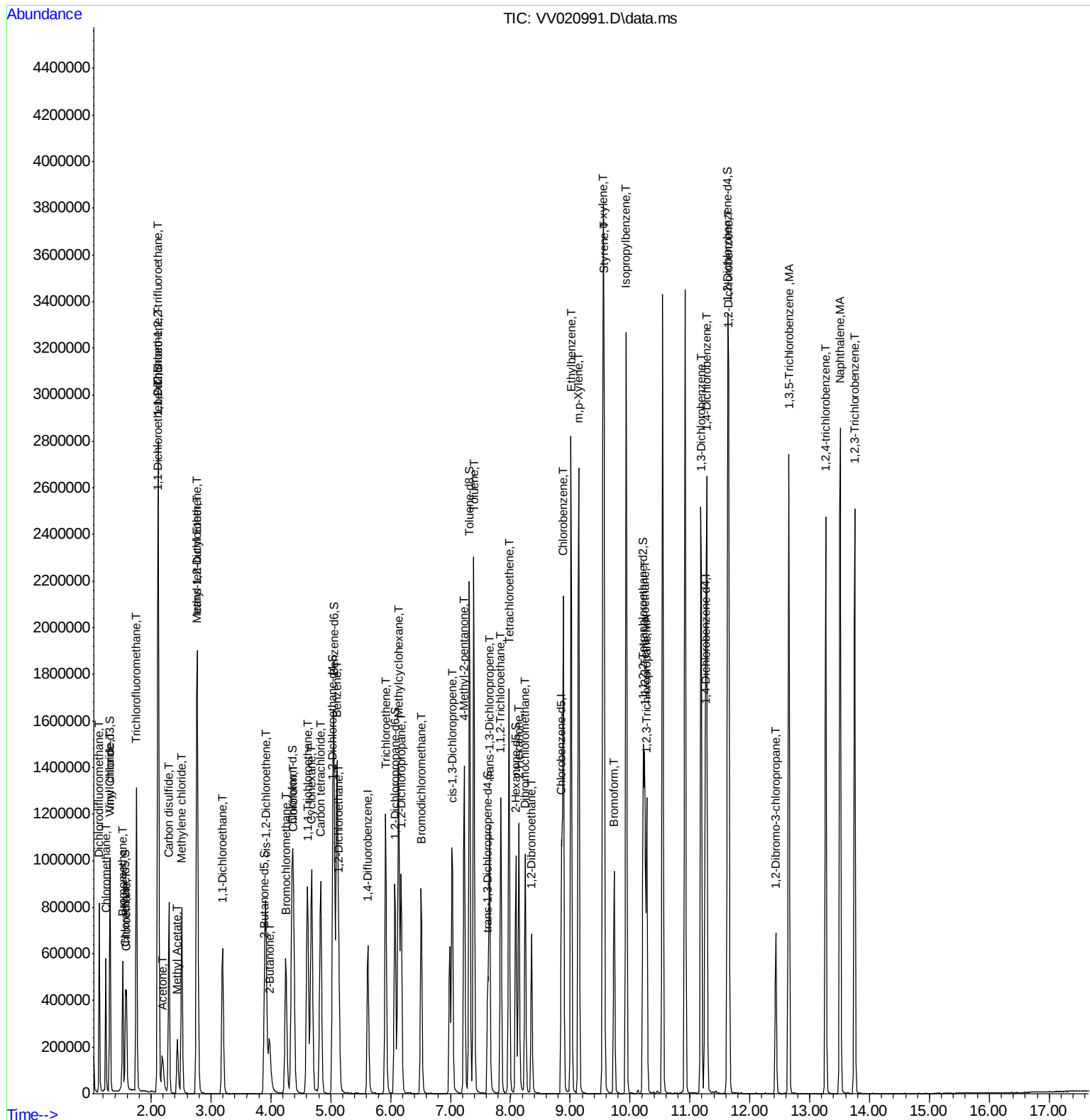
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.979	164	389935	106.52	ug/L	99
48) 2-Hexanone	8.143	43	660858	166.48	ug/L	97
49) Dibromochloromethane	8.249	129	532147	111.11	ug/L	98
50) 1,2-Dibromoethane	8.355	107	434341	100.94	ug/L	100
51) Chlorobenzene	8.886	112	1135922	100.13	ug/L	98
52) Ethylbenzene	9.014	91	1940090	100.94	ug/L	100
53) m,p-Xylene	9.140	106	758028	105.30	ug/L	98
54) o-xylene	9.548	106	734543	106.06	ug/L	94
55) Styrene	9.564	104	1283824	106.03	ug/L	98
56) Isopropylbenzene	9.934	105	2078537	108.83	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	604127	93.65	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	486146	92.71	ug/L	99
61) Bromoform	9.734	173	429619	109.39	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	1036176	100.37	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	1050981	98.31	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	1041730	102.14	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	160681	95.55	ug/L	99
67) 1,3,5-Trichlorobenzene	12.651	180	866251	106.54	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	772481	113.48	ug/L	100
69) Naphthalene	13.509	128	2199720	114.30	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	780203	113.76	ug/L	98

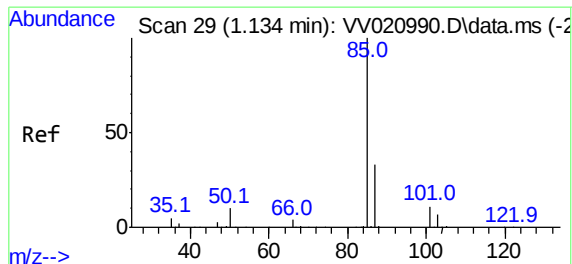
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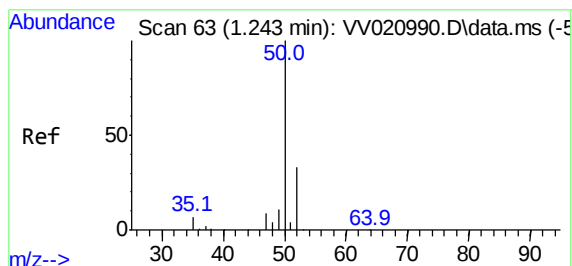
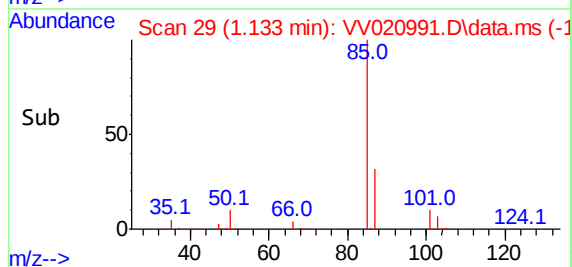
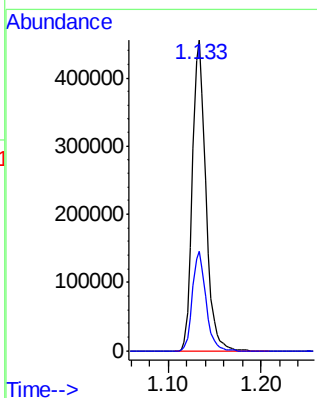
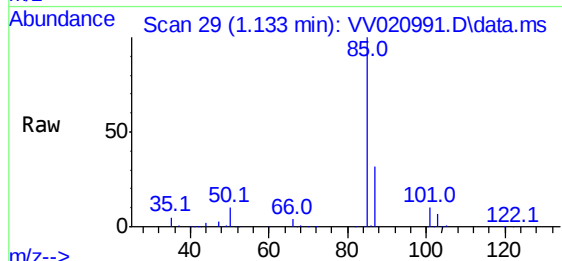




#2
 Dichlorodifluoromethane
 Concen: 89.22 ug/L
 RT: 1.133 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV020991.D
 Acq: 13 Apr 2021 10:57

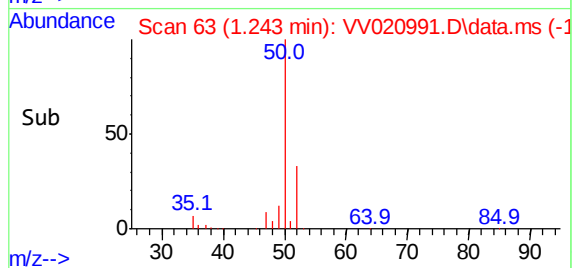
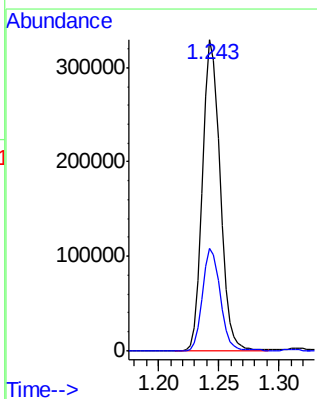
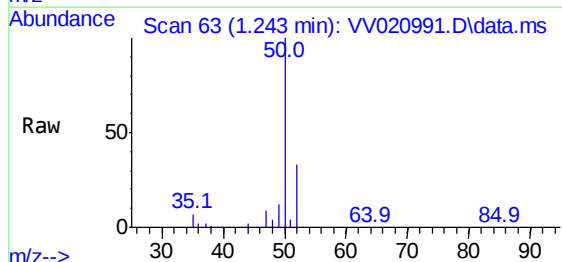
Instrument :
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 ClientSampleId :
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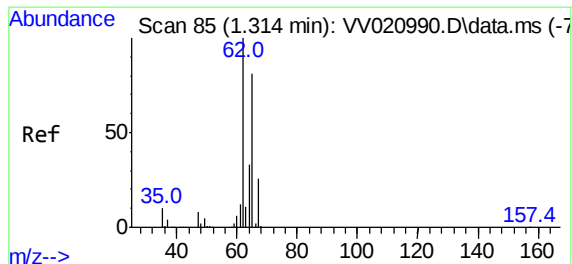
Tgt Ion: 85 Resp: 454380
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.2



#3
 Chloromethane
 Concen: 80.73 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020991.D
 Acq: 13 Apr 2021 10:57

Tgt Ion: 50 Resp: 321805
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.9 42.5

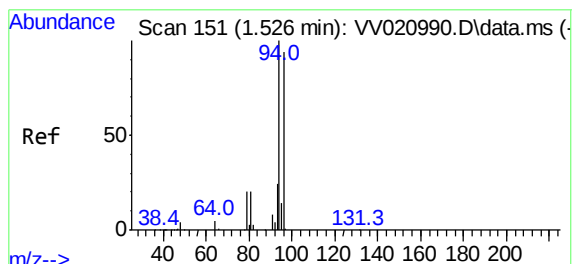
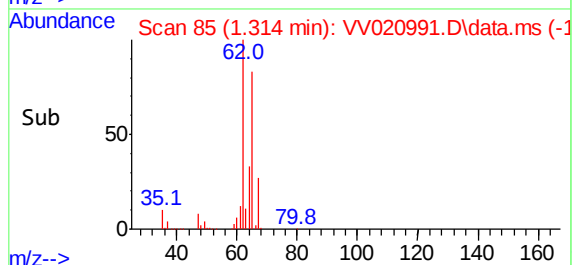
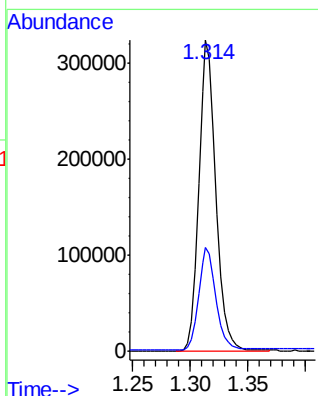
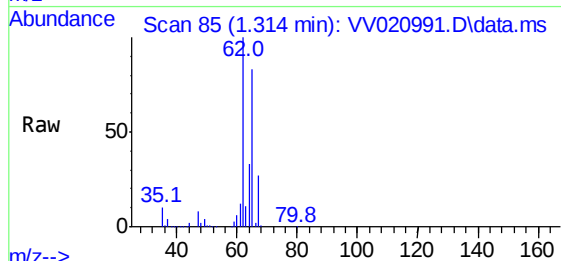




#5
 Vinyl chloride
 Concen: 82.39 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020991.D
 Acq: 13 Apr 2021 10:57

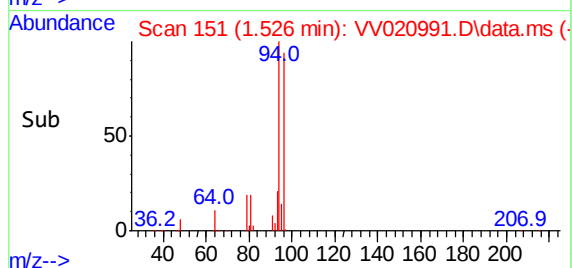
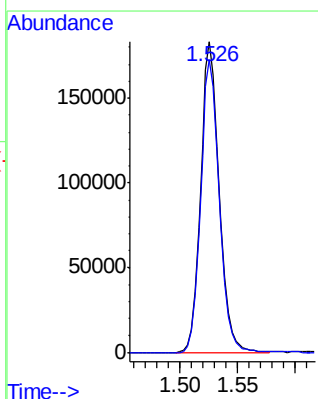
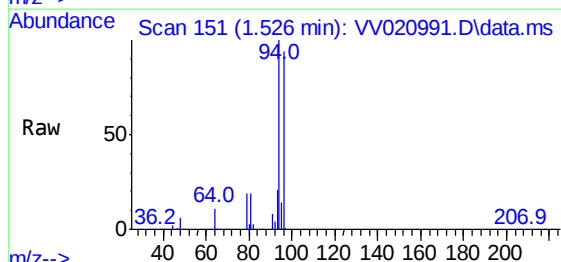
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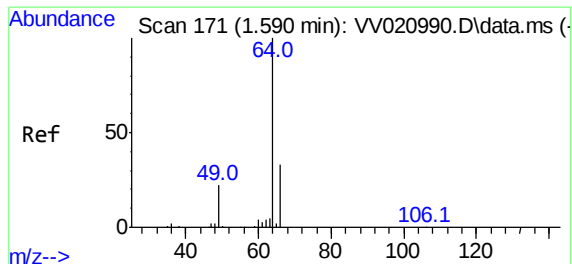
Tgt Ion: 62 Resp: 335755
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.6 43.8



#6
 Bromomethane
 Concen: 81.09 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV020991.D
 Acq: 13 Apr 2021 10:57

Tgt Ion: 94 Resp: 205341
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.8 122.2

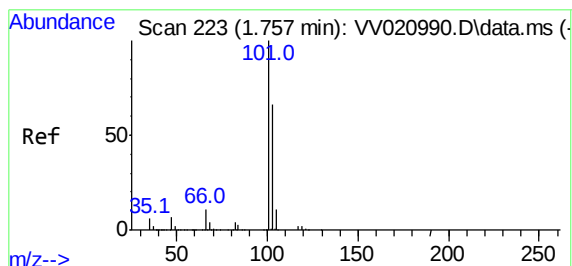
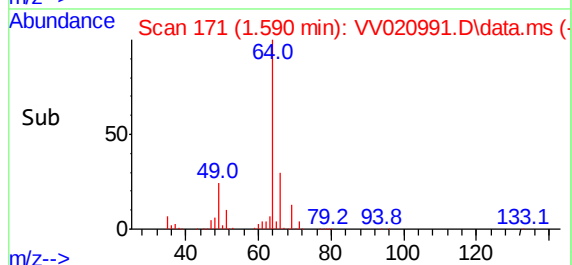
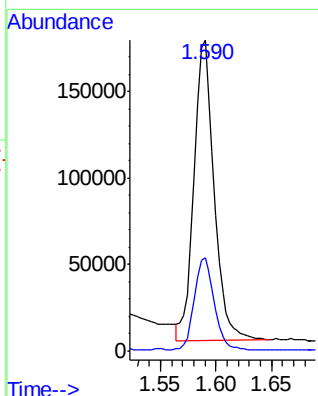
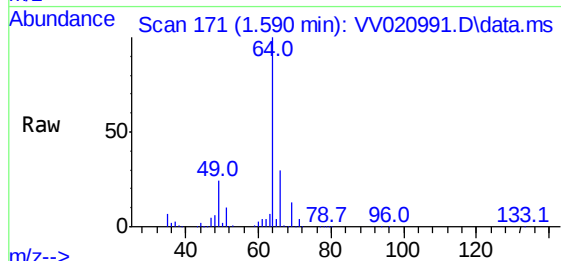




#8
Chloroethane
Concen: 90.41 ug/L
RT: 1.590 min Scan# 171
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

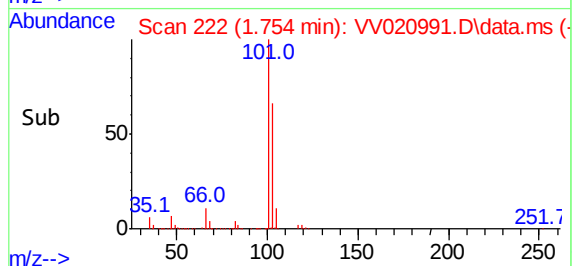
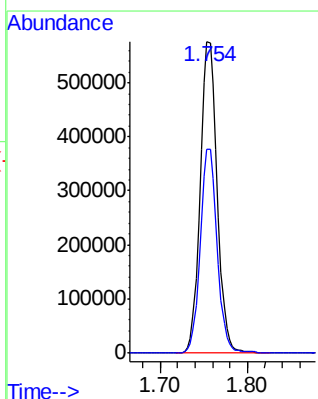
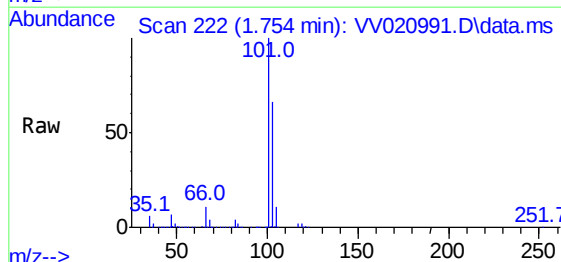
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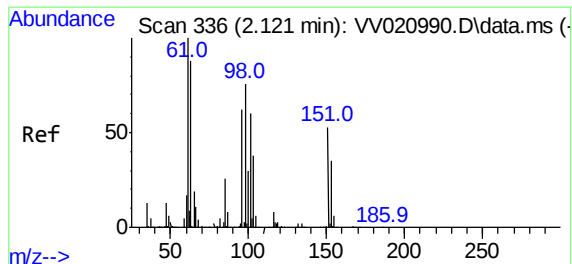
Tgt Ion: 64 Resp: 218752
Ion Ratio Lower Upper
64 100
66 30.1 20.9 38.9



#9
Trichlorofluoromethane
Concen: 104.03 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion:101 Resp: 765294
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0



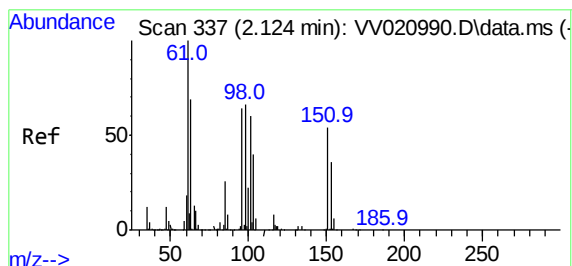
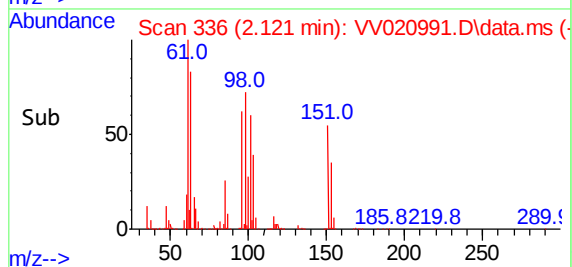
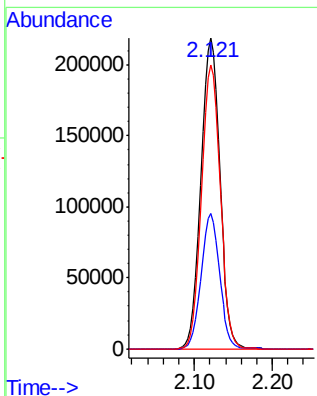
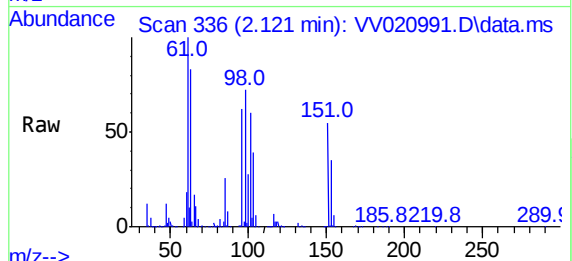


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 103.75 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV020991.D
 Acq: 13 Apr 2021 10:57

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10062

Tgt Ion:101 Resp: 368559

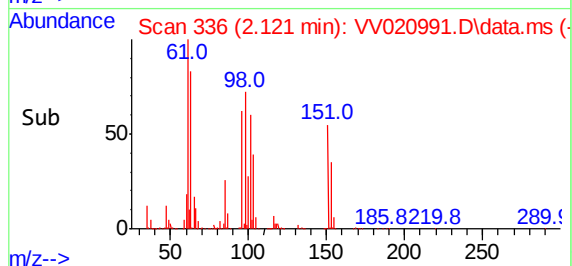
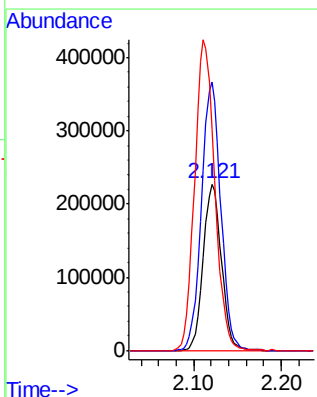
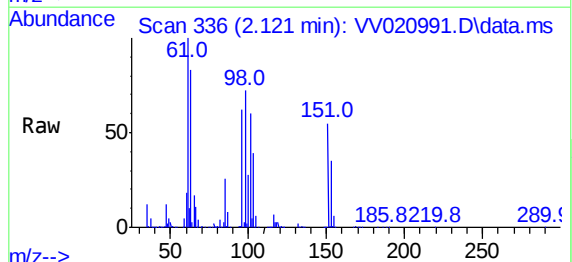
Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.6	52.0
151	90.6	71.0	106.4

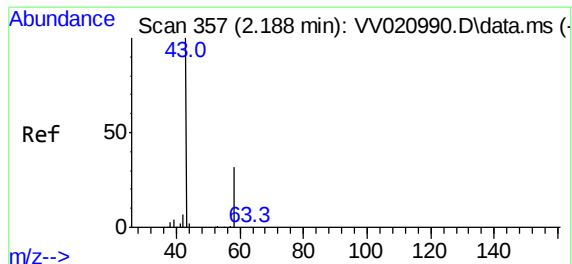


#12
 1,1-Dichloroethene
 Concen: 100.66 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.003 min
 Lab File: VV020991.D
 Acq: 13 Apr 2021 10:57

Tgt Ion: 96 Resp: 328262

Ion	Ratio	Lower	Upper
96	100		
61	161.1	109.7	203.7
63	133.0	76.9	142.9

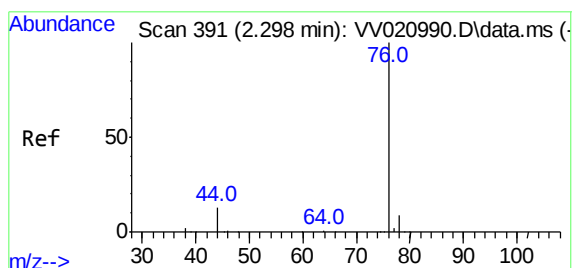
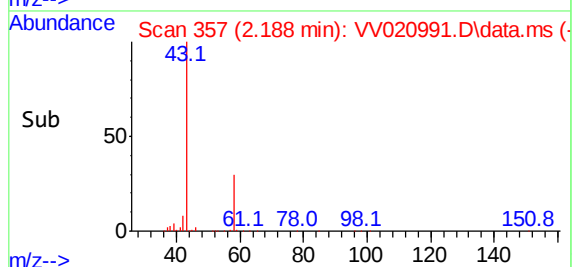
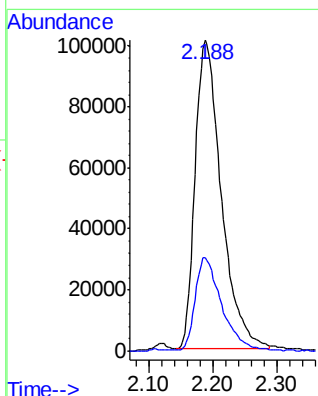
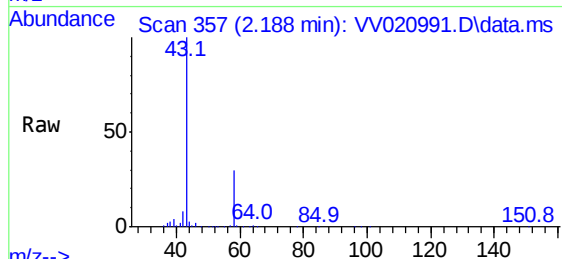




#13
Acetone
Concen: 159.07 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.000 min
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Acq: 13 Apr 2021 10:57

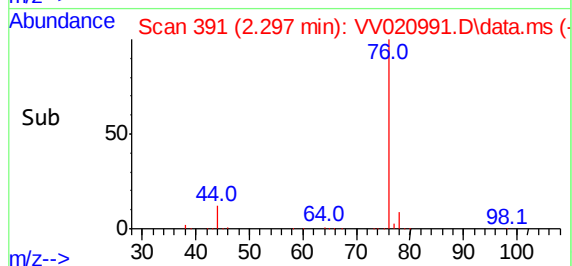
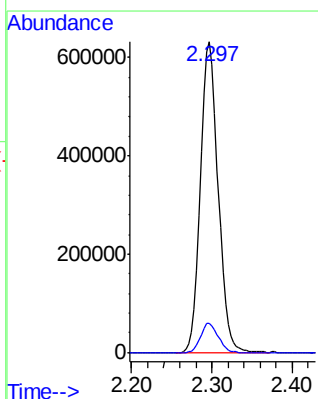
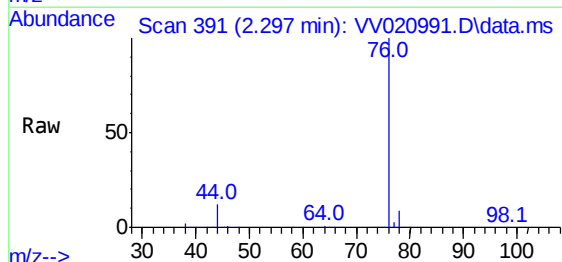
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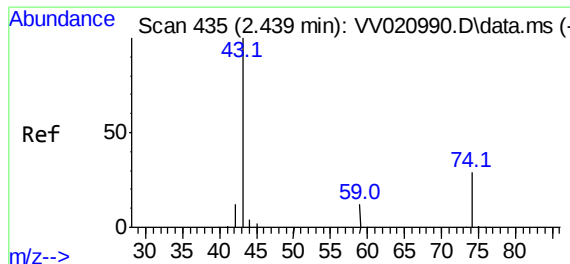
Tgt Ion: 43 Resp: 286814
Ion Ratio Lower Upper
43 100
58 29.9 0.0 61.6



#14
Carbon disulfide
Concen: 90.18 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 76 Resp: 944240
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

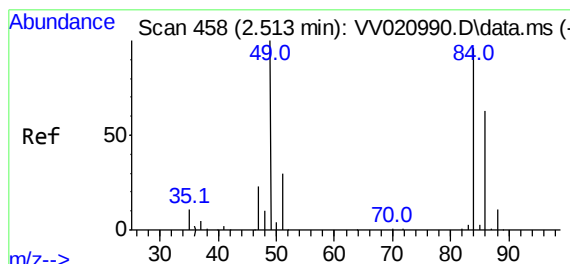
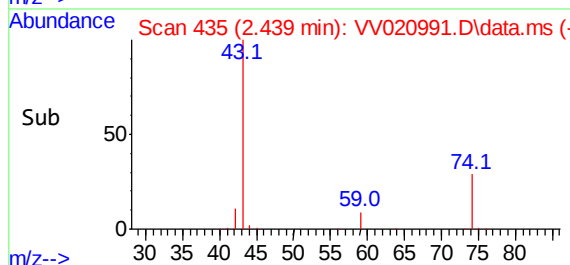
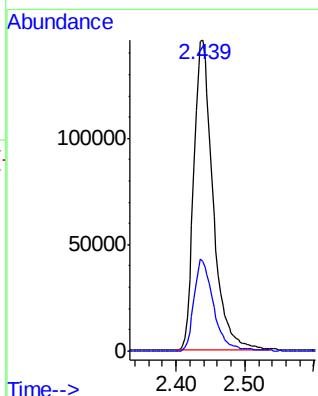
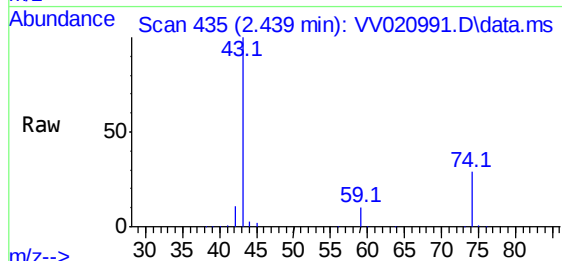




#15
Methyl Acetate
Concen: 77.88 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
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Acq: 13 Apr 2021 10:57

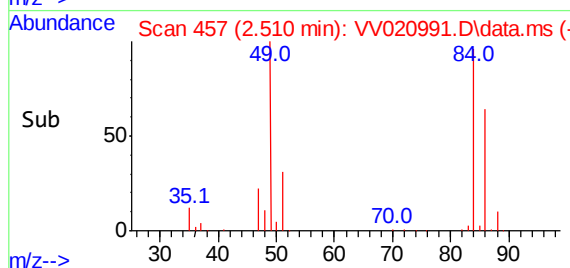
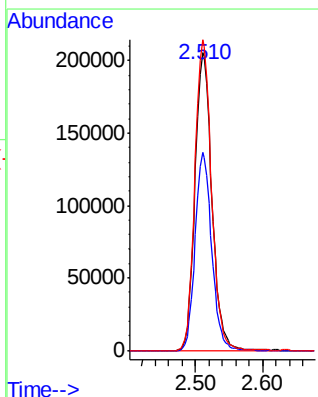
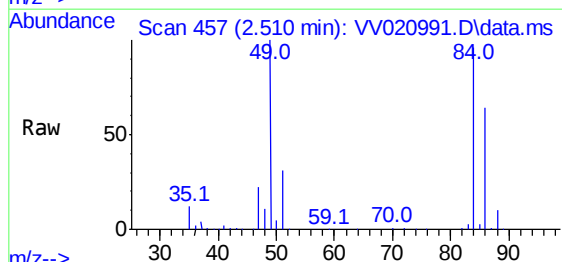
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

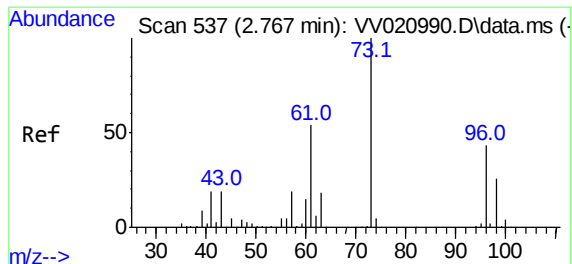
Tgt Ion: 43 Resp: 281765
Ion Ratio Lower Upper
43 100
74 29.6 22.6 34.0



#16
Methylene chloride
Concen: 91.20 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 84 Resp: 354907
Ion Ratio Lower Upper
84 100
86 66.5 45.5 84.5
49 104.5 72.7 134.9

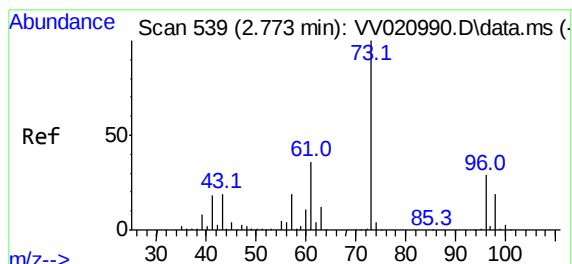
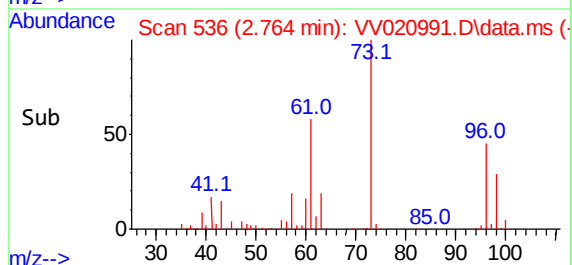
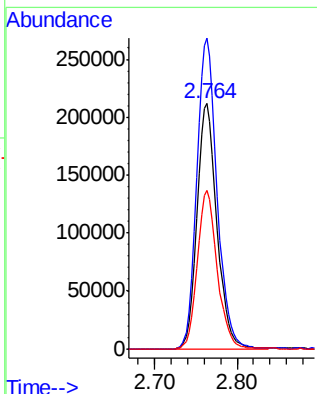
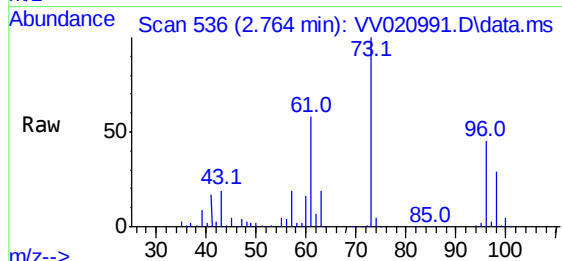




#17
trans-1,2-Dichloroethene
Concen: 97.40 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

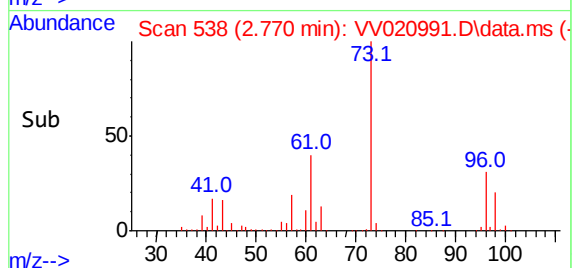
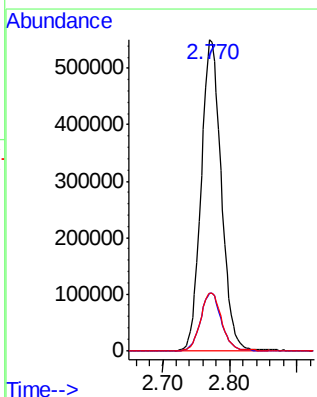
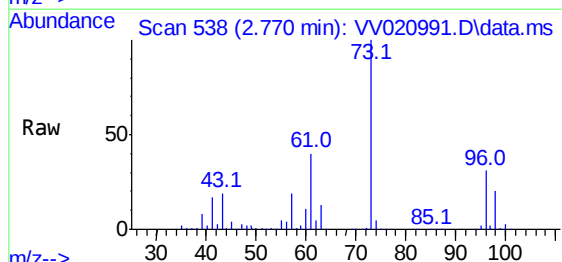
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

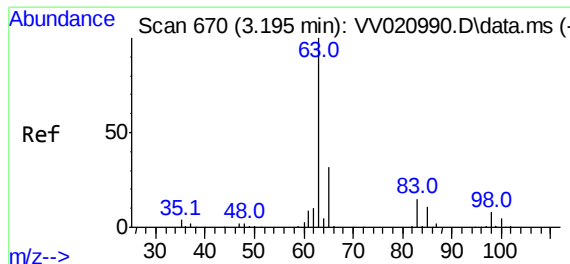
Tgt Ion: 96 Resp: 359577
Ion Ratio Lower Upper
96 100
61 126.8 86.7 160.9
98 64.9 42.1 78.3



#18
Methyl tert-butyl Ether
Concen: 100.25 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 73 Resp: 1147521
Ion Ratio Lower Upper
73 100
43 18.6 15.2 22.8
57 19.2 15.2 22.8

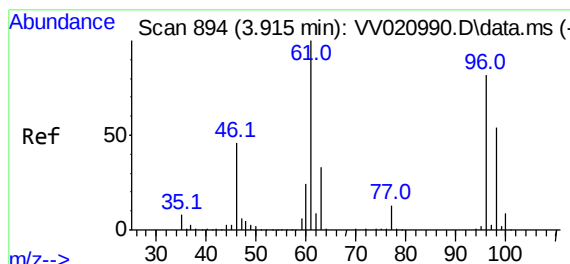
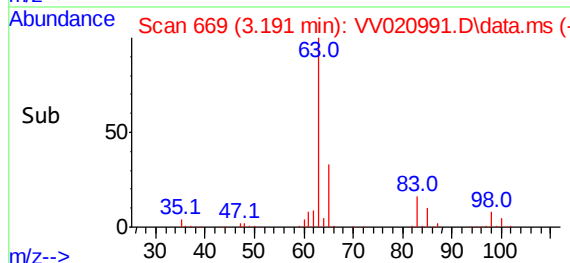
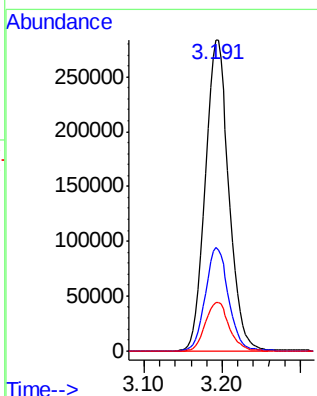
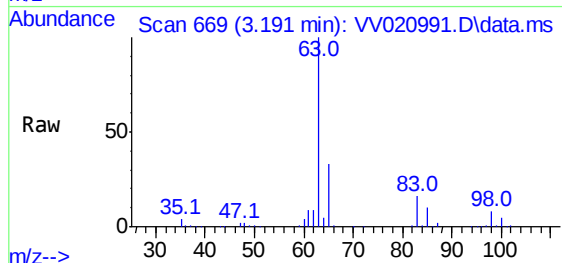




#19
1,1-Dichloroethane
Concen: 88.86 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

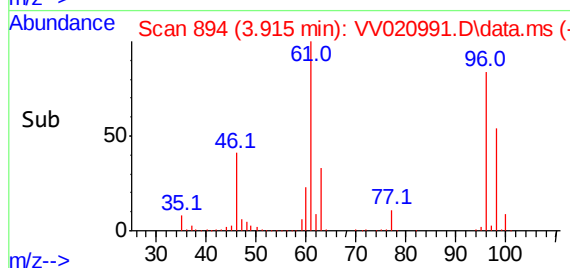
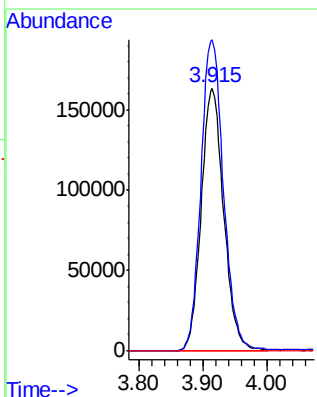
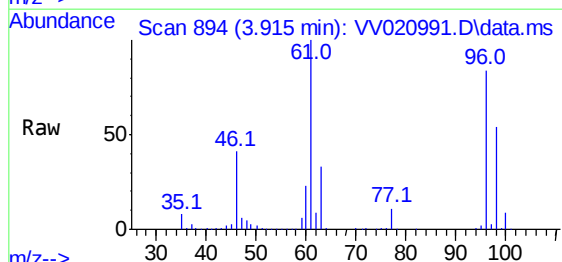
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

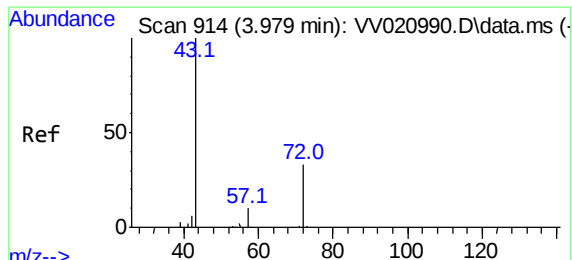
Tgt Ion: 63 Resp: 600382
Ion Ratio Lower Upper
63 100
65 33.1 22.4 41.6
83 15.6 10.9 20.2



#20
cis-1,2-Dichloroethene
Concen: 100.14 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 96 Resp: 393762
Ion Ratio Lower Upper
96 100
61 118.4 85.4 158.6
68 0.0 0.0 0.0

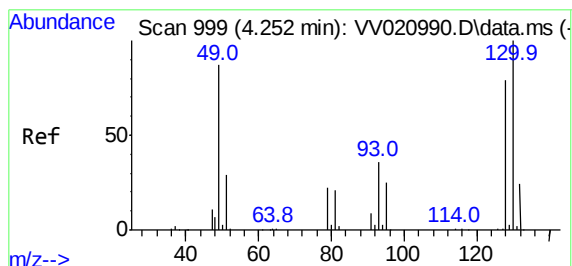
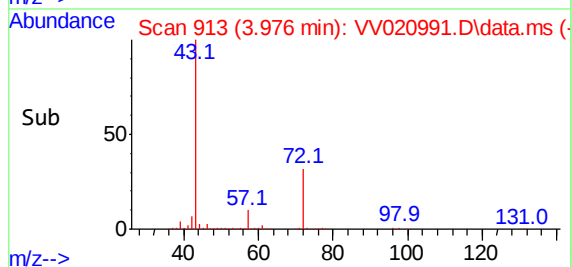
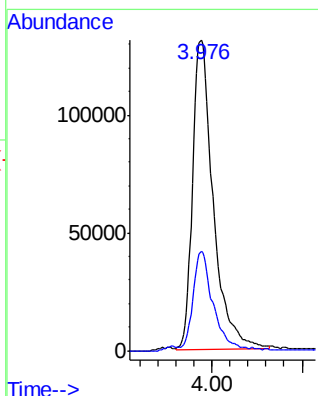
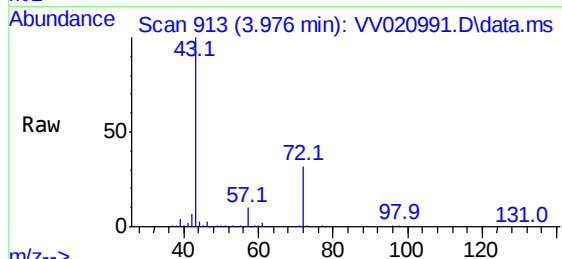




#22
2-Butanone
Concen: 163.88 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

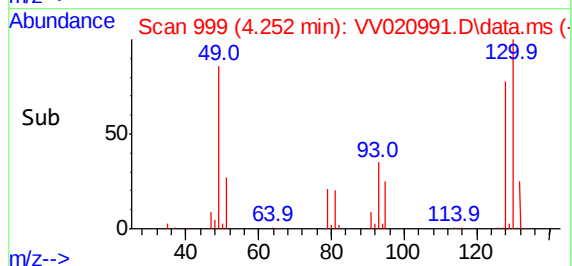
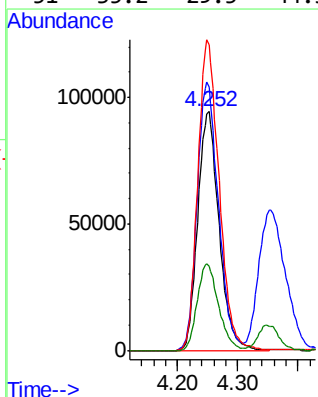
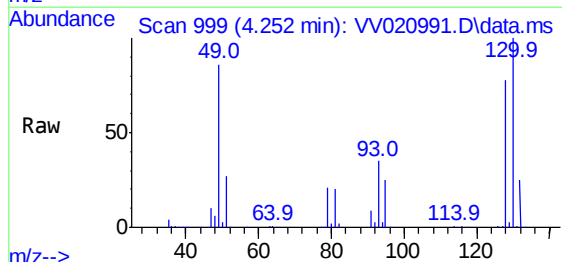
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

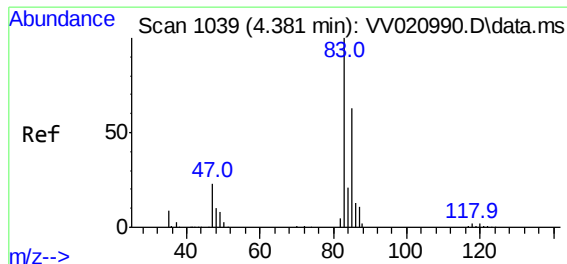
Tgt Ion: 43 Resp: 416832
Ion Ratio Lower Upper
43 100
72 29.1 16.0 48.0



#23
Bromochloromethane
Concen: 105.67 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 128 Resp: 229920
Ion Ratio Lower Upper
128 100
49 110.7 77.0 143.0
130 128.1 88.7 164.7
51 35.2 29.5 44.3

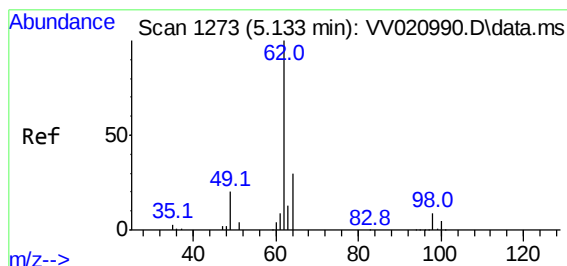
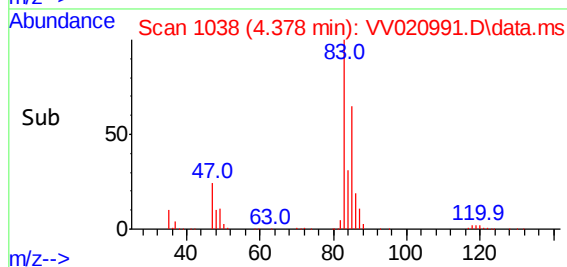
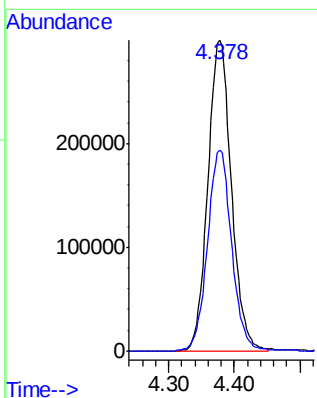
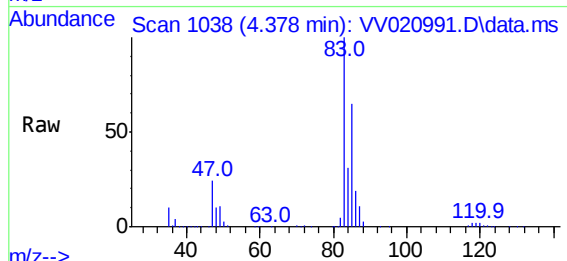




#25
Chloroform
Concen: 101.15 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

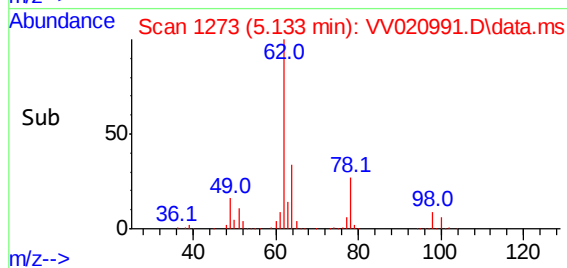
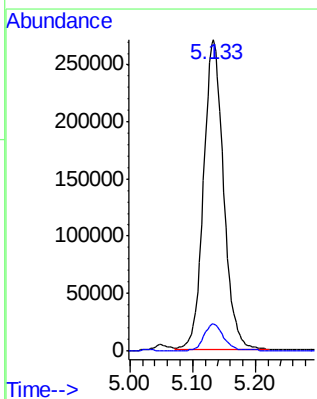
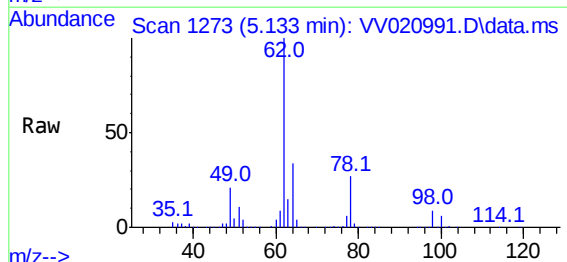
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

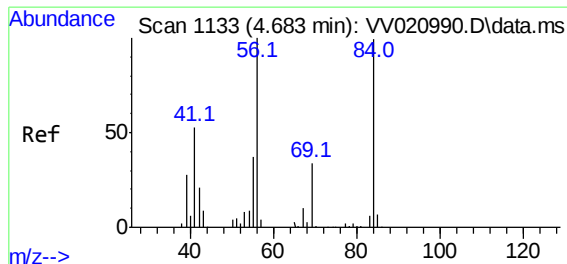
Tgt Ion: 83 Resp: 745279
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.5



#27
1,2-Dichloroethane
Concen: 102.28 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 62 Resp: 599448
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2



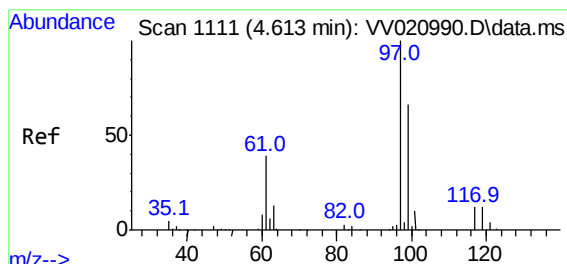
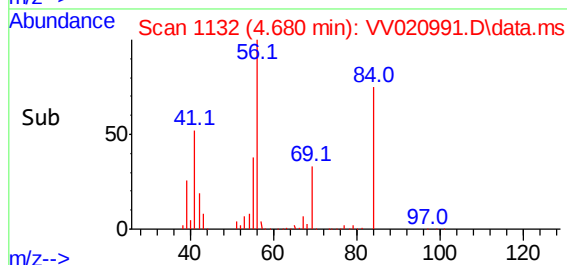
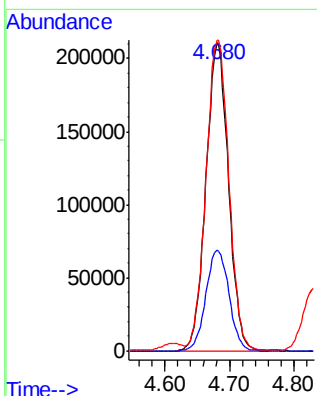
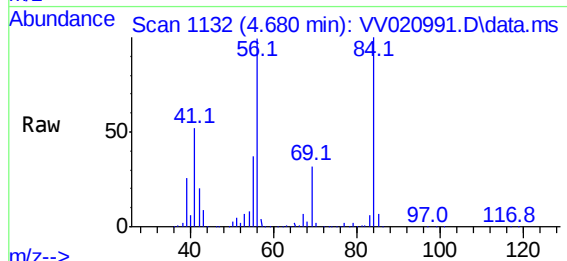


#29
Cyclohexane
Concen: 83.65 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

Tgt Ion: 56 Resp: 511558

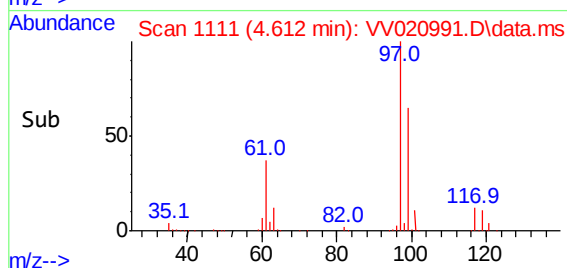
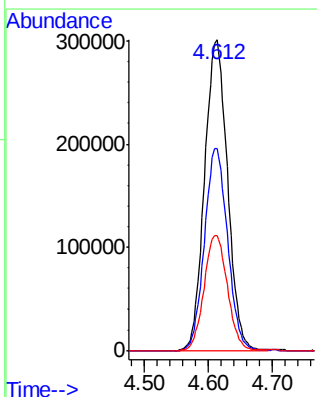
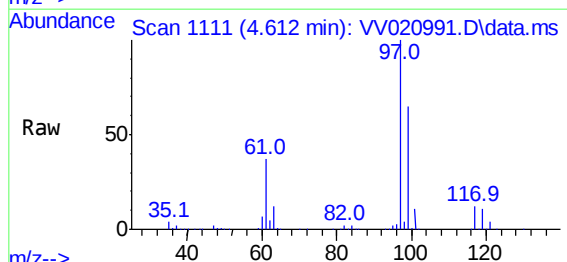
Ion	Ratio	Lower	Upper
56	100		
69	33.6	26.9	40.3
84	102.8	79.3	118.9

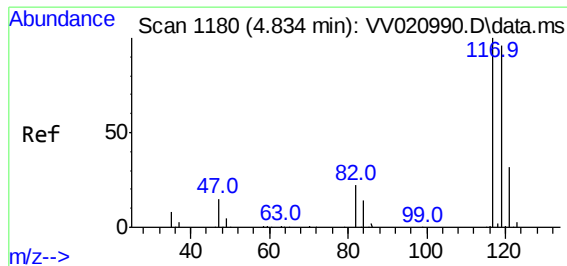


#30
1,1,1-Trichloroethane
Concen: 105.35 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 97 Resp: 746324

Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.1	78.1
61	37.6	31.0	46.6

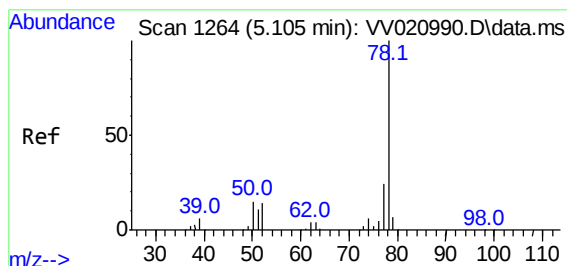
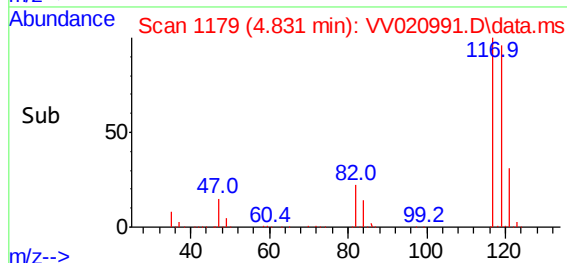
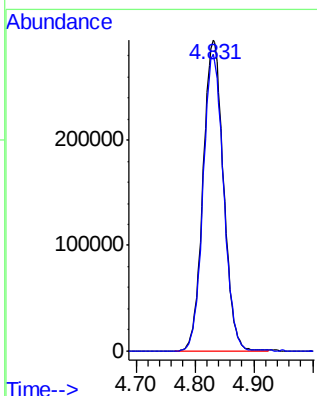
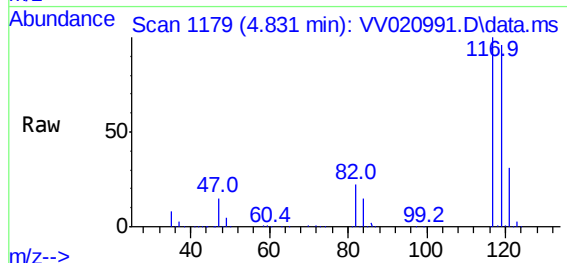




#31
Carbon tetrachloride
Concen: 109.80 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

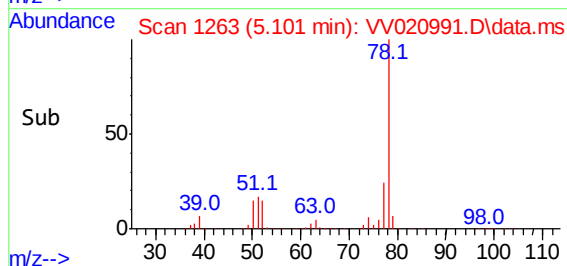
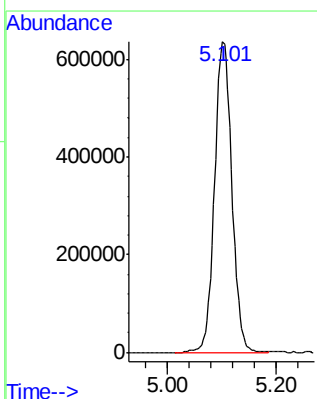
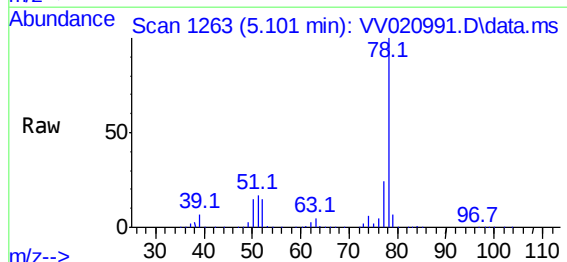
Instrument :
MSVOA_V
ClientSampled :
VSTD10062

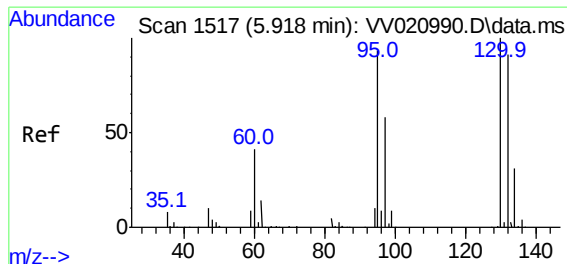
Tgt Ion:117 Resp: 705517
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3



#33
Benzene
Concen: 92.15 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 78 Resp: 1399256

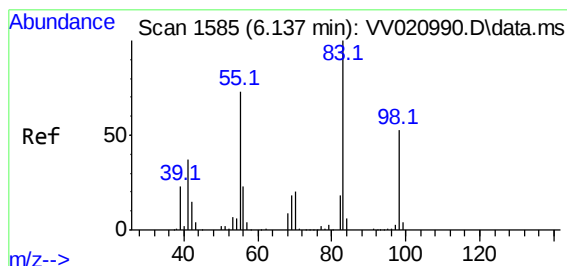
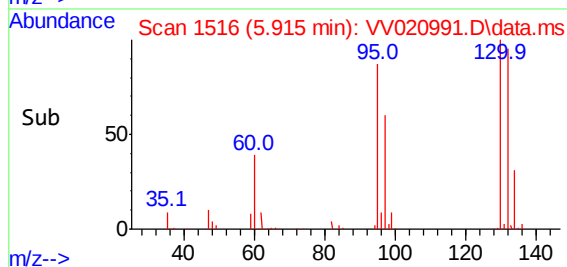
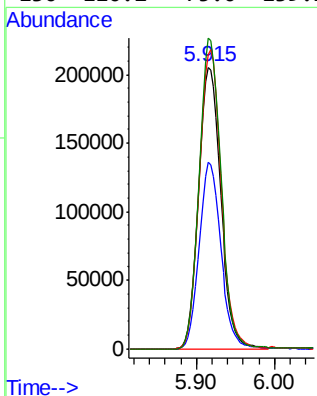
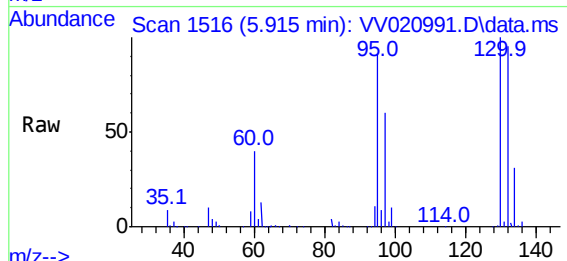




#34
Trichloroethene
Concen: 95.63 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

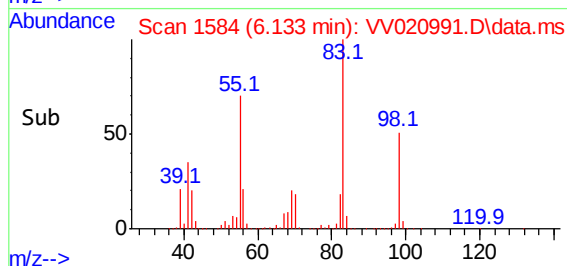
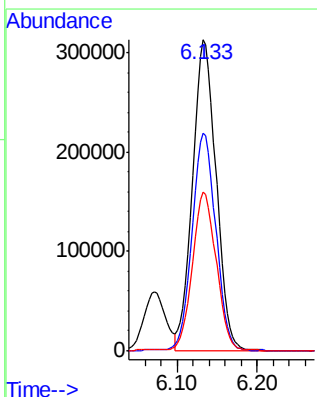
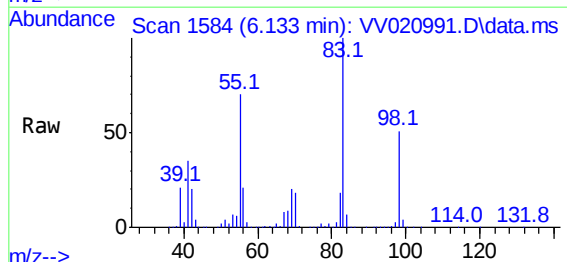
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

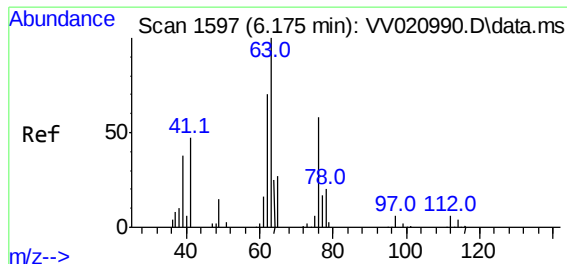
Tgt Ion: 95 Resp: 404580
Ion Ratio Lower Upper
95 100
97 66.1 43.8 81.3
132 104.5 68.3 126.8
130 110.2 75.0 139.2



#35
Methylcyclohexane
Concen: 96.92 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 83 Resp: 626837
Ion Ratio Lower Upper
83 100
55 70.2 56.2 84.4
98 51.4 41.4 62.0

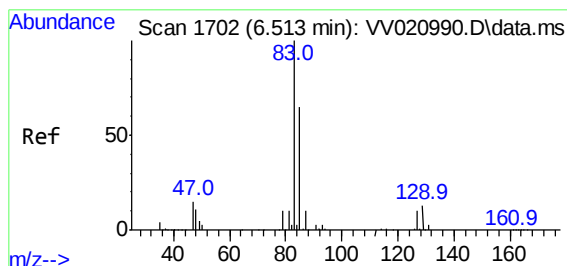
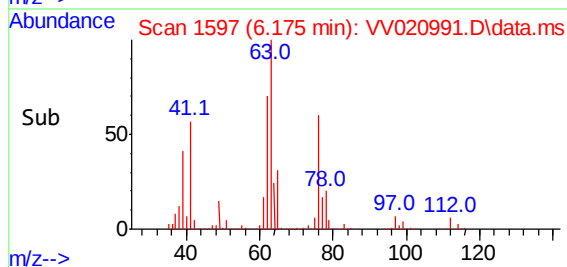
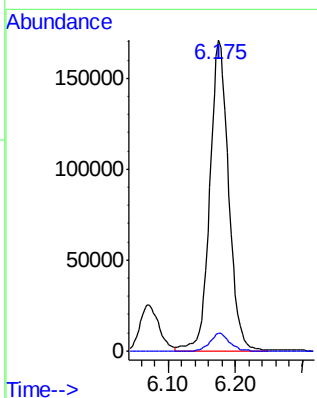
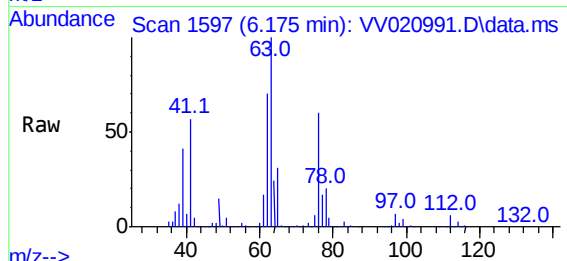




#37
1,2-Dichloropropane
Concen: 84.79 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

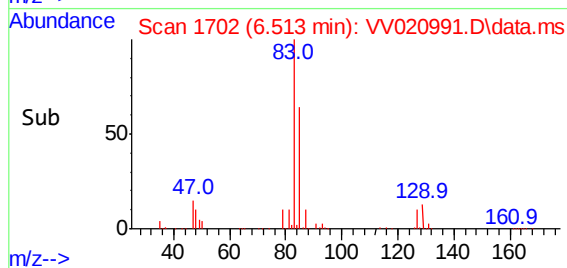
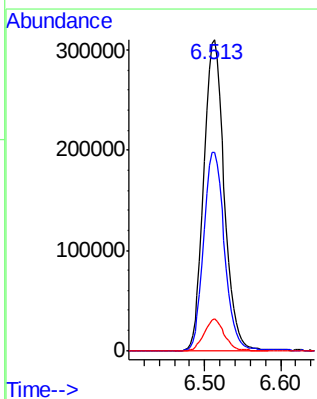
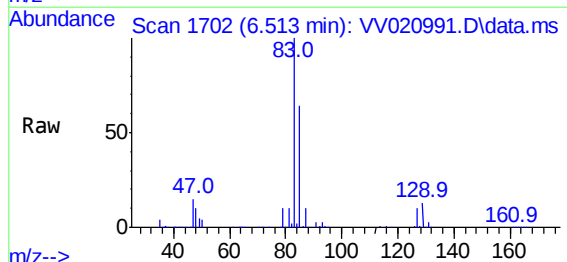
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

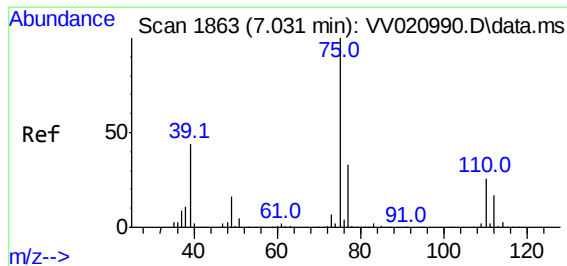
Tgt Ion: 63 Resp: 334087
Ion Ratio Lower Upper
63 100
112 5.6 4.5 6.7



#38
Bromodichloromethane
Concen: 100.24 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 83 Resp: 575045
Ion Ratio Lower Upper
83 100
85 63.7 45.5 84.5
127 10.0 8.2 12.4

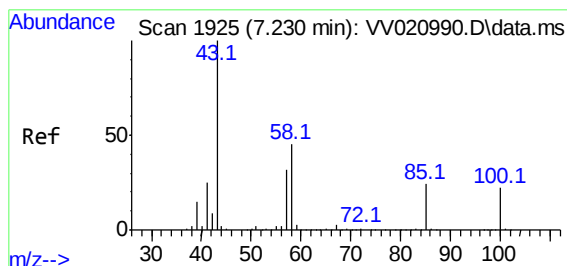
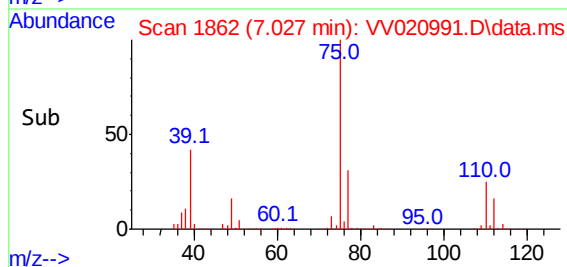
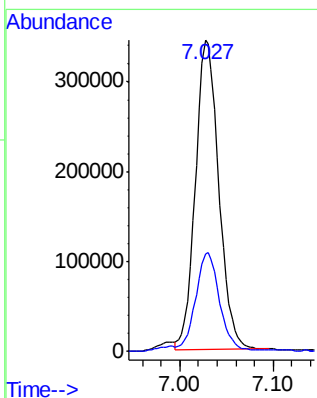
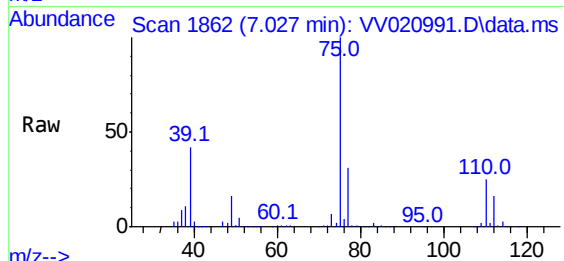




#39
cis-1,3-Dichloropropene
Concen: 96.92 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

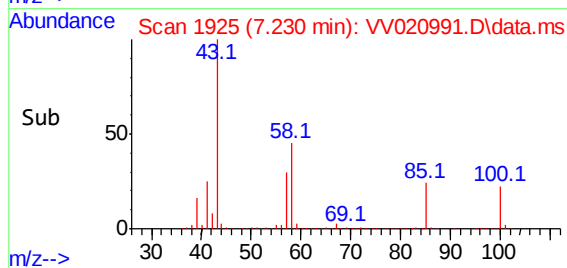
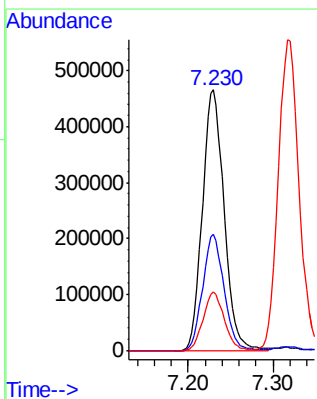
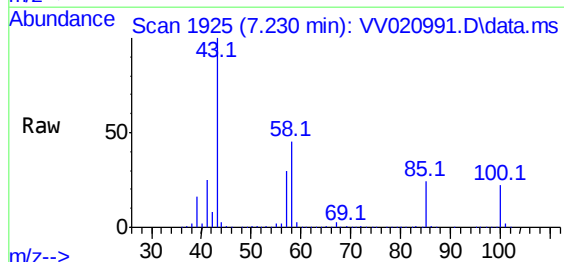
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

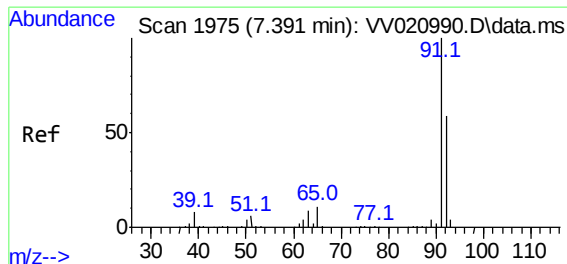
Tgt Ion: 75 Resp: 603125
Ion Ratio Lower Upper
75 100
77 31.2 23.0 42.8



#40
4-Methyl-2-pentanone
Concen: 158.64 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 43 Resp: 821327
Ion Ratio Lower Upper
43 100
58 43.9 35.2 52.8
100 21.8 17.1 25.7

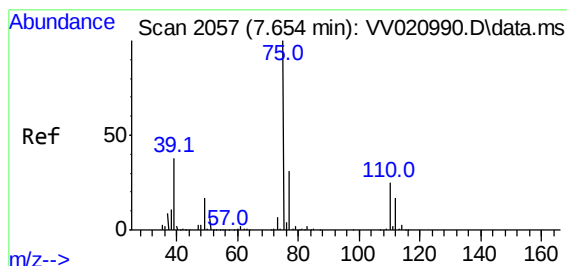
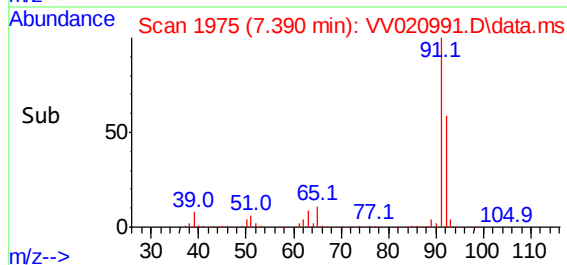
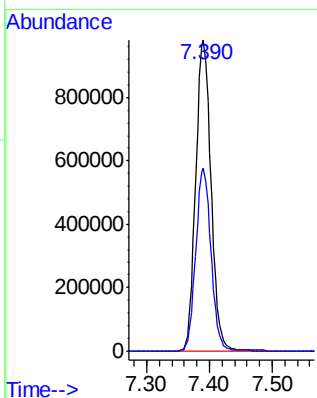
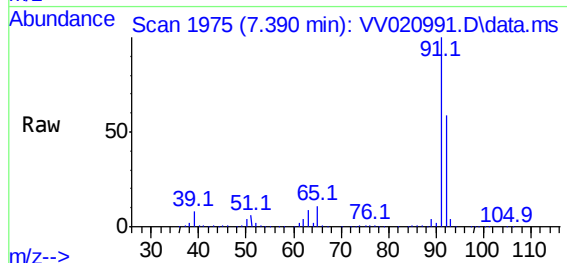




#42
Toluene
Concen: 97.89 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

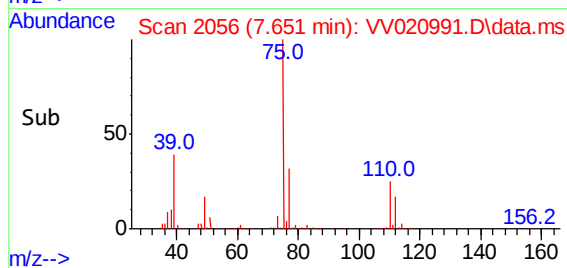
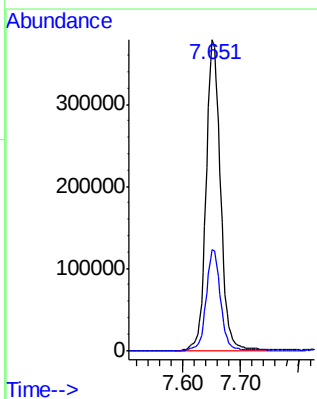
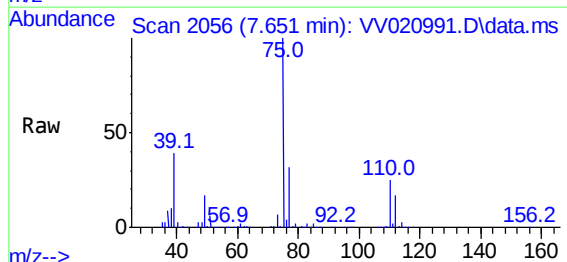
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

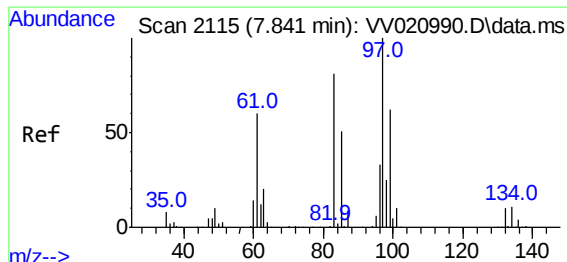
Tgt Ion: 91 Resp: 1643286
Ion Ratio Lower Upper
91 100
92 58.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 103.12 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 75 Resp: 644160
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4



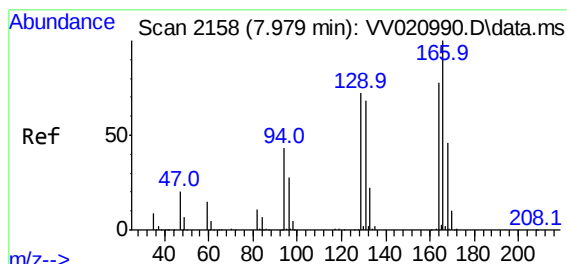
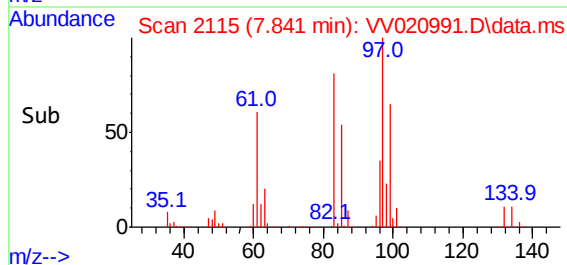
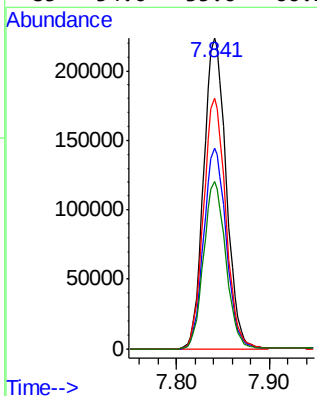
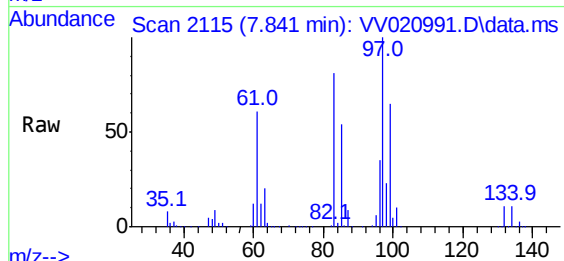


#45
1,1,2-Trichloroethane
Concen: 94.15 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

Tgt Ion: 97 Resp: 376057

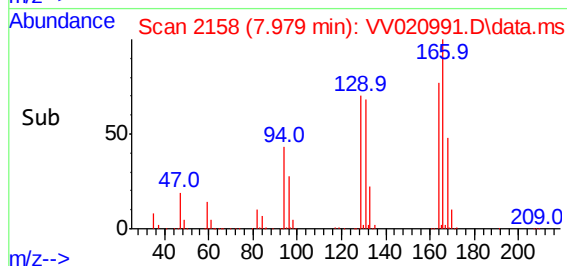
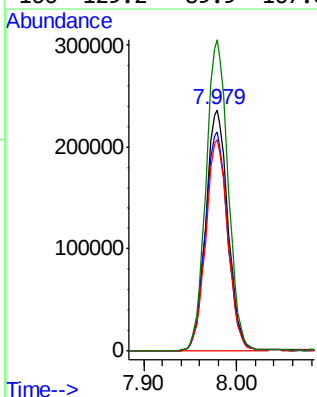
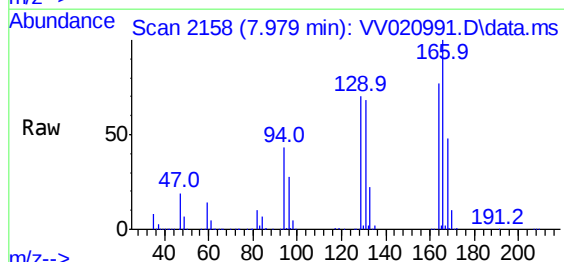
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.0	80.0
83	80.8	56.4	104.7
85	54.0	35.6	66.2

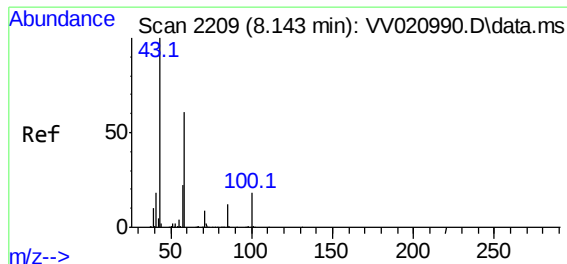


#46
Tetrachloroethene
Concen: 106.52 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 164 Resp: 389935

Ion	Ratio	Lower	Upper
164	100		
129	90.8	64.3	119.5
131	87.9	61.1	113.5
166	129.2	89.9	167.0



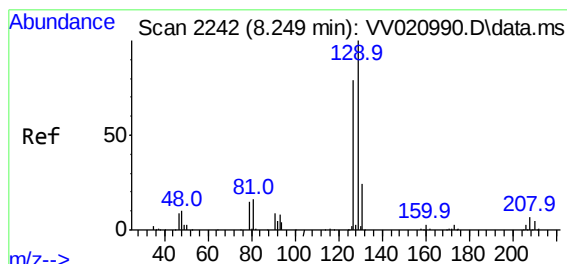
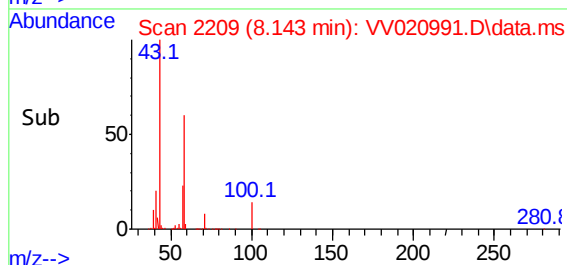
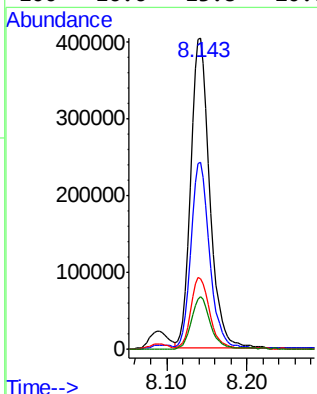
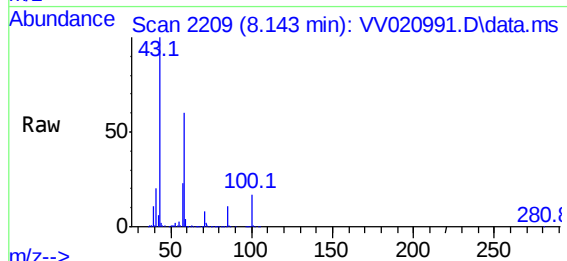


#48
2-Hexanone
Concen: 166.48 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

Tgt Ion: 43 Resp: 660858

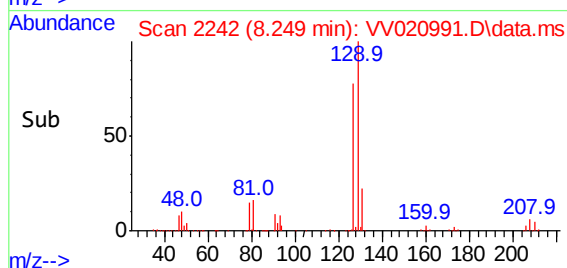
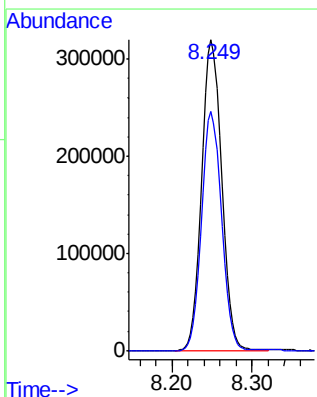
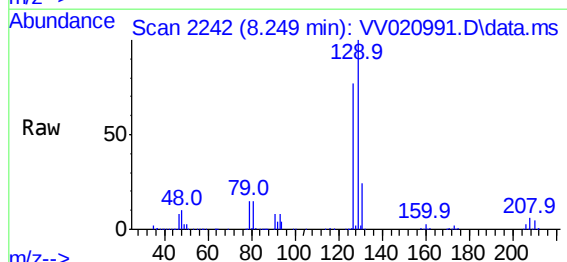
Ion	Ratio	Lower	Upper
43	100		
58	59.4	49.4	74.0
57	22.4	18.7	28.1
100	16.6	13.8	20.6

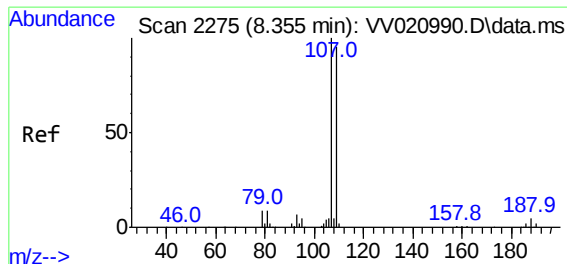


#49
Dibromochloromethane
Concen: 111.11 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 129 Resp: 532147

Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.3	102.7

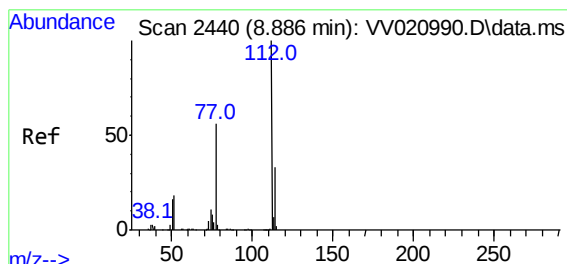
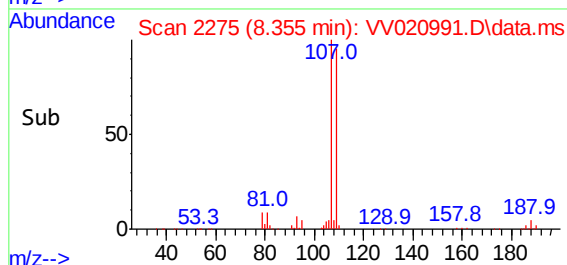
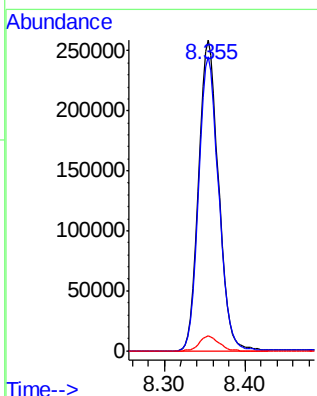
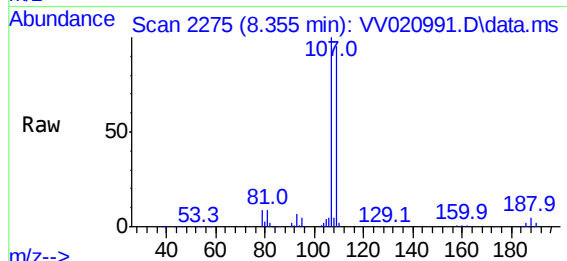




#50
1,2-Dibromoethane
Concen: 100.94 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

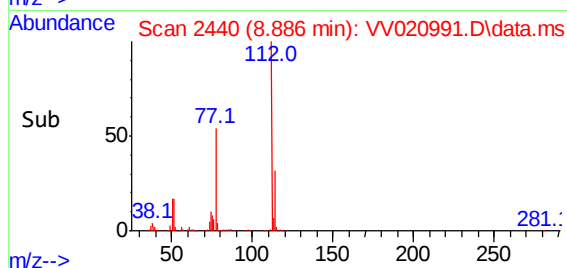
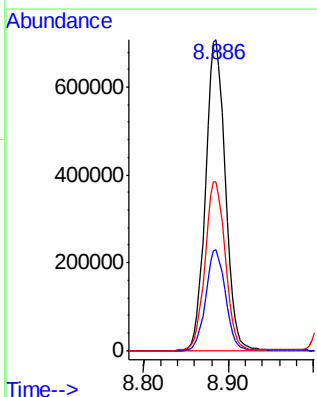
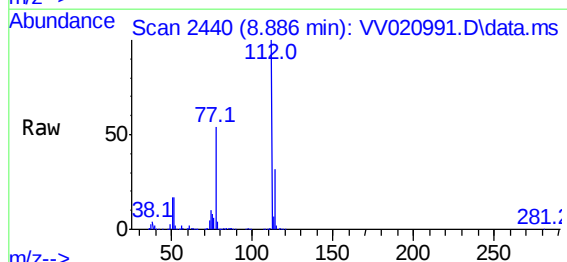
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

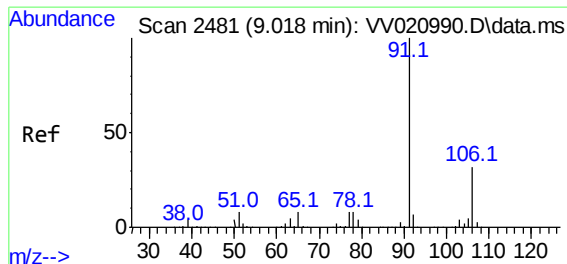
Tgt Ion:107 Resp: 434341
Ion Ratio Lower Upper
107 100
109 94.5 66.1 122.8
188 4.8 3.8 5.8



#51
Chlorobenzene
Concen: 100.13 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion:112 Resp: 1135922
Ion Ratio Lower Upper
112 100
114 32.3 23.0 42.8
77 54.2 45.1 67.7

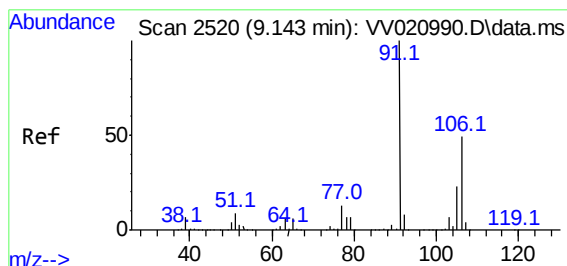
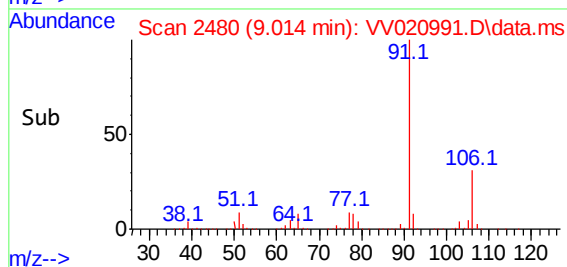
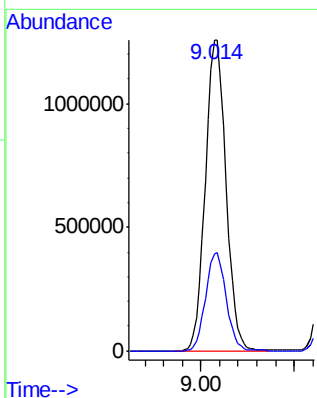
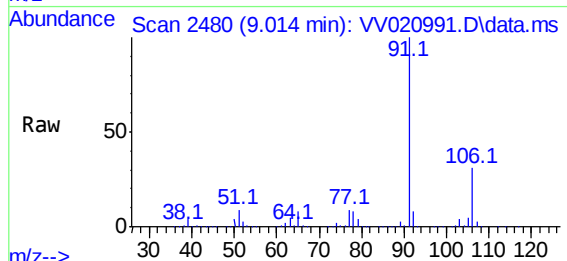




#52
Ethylbenzene
Concen: 100.94 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

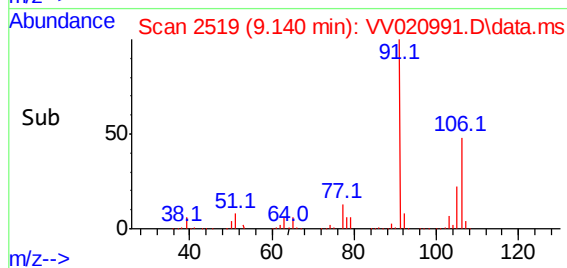
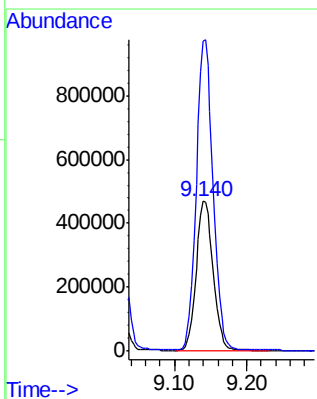
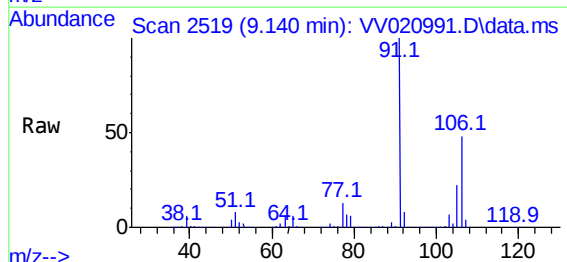
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

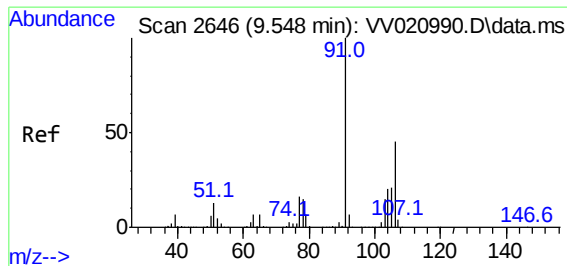
Tgt Ion: 91 Resp: 1940090
Ion Ratio Lower Upper
91 100
106 31.4 22.0 41.0



#53
m,p-Xylene
Concen: 105.30 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion:106 Resp: 758028
Ion Ratio Lower Upper
106 100
91 207.3 143.4 266.2

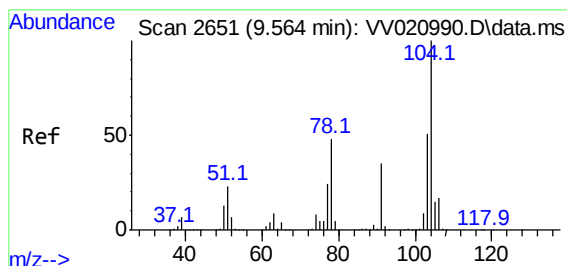
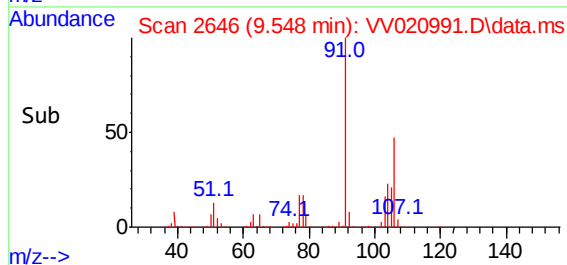
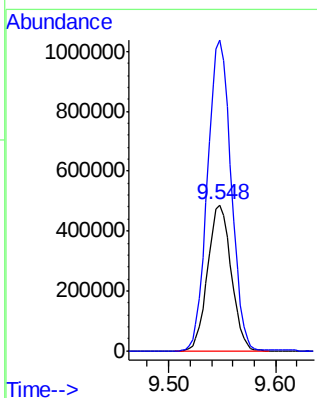
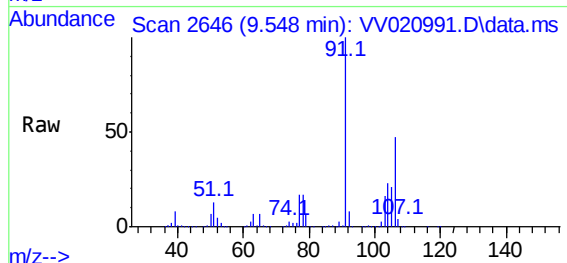




#54
o-xylene
Concen: 106.06 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

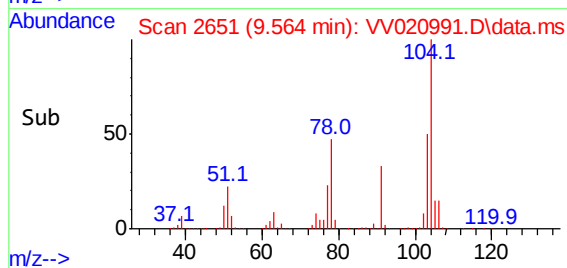
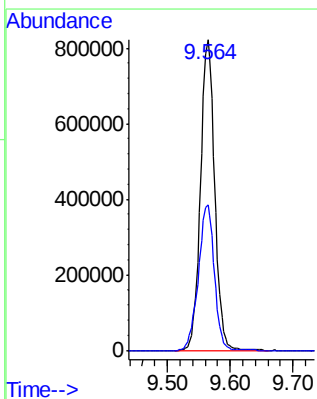
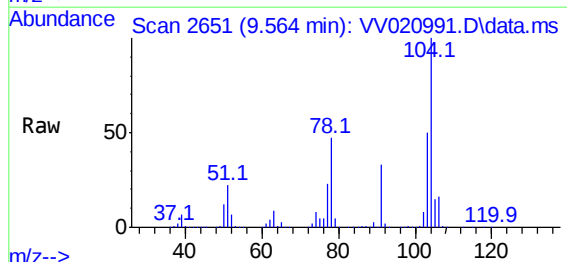
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

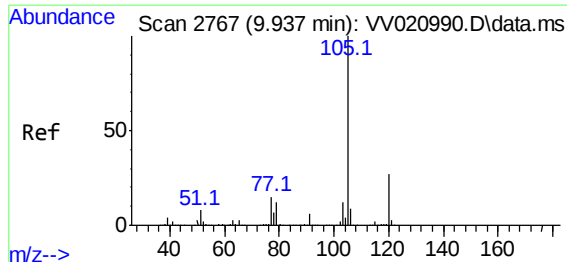
Tgt Ion:106 Resp: 734543
Ion Ratio Lower Upper
106 100
91 213.1 156.2 290.2



#55
Styrene
Concen: 106.03 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion:104 Resp: 1283824
Ion Ratio Lower Upper
104 100
78 46.9 33.6 62.4

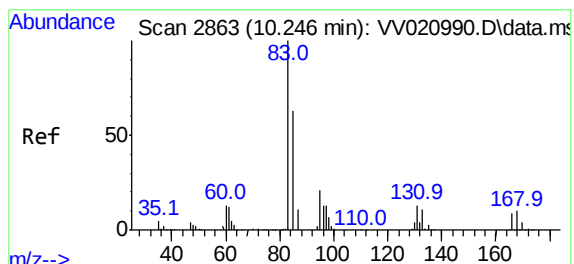
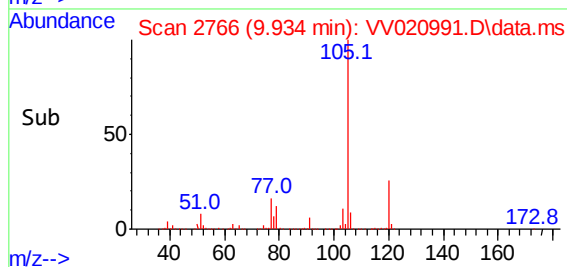
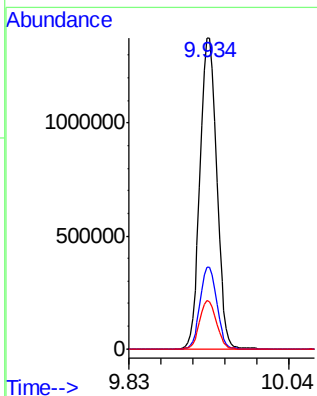
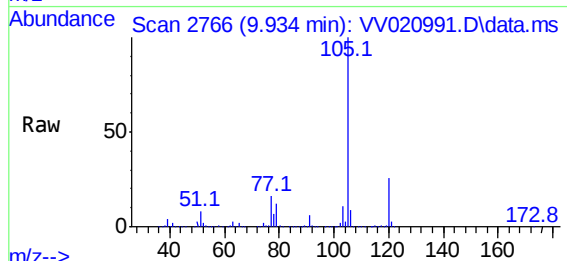




#56
Isopropylbenzene
Concen: 108.83 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

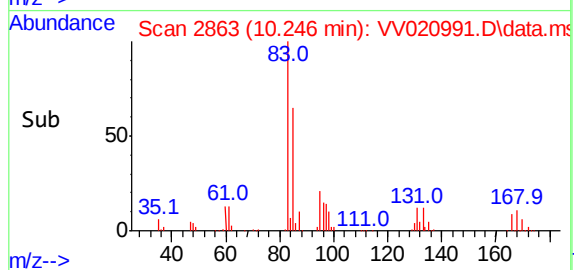
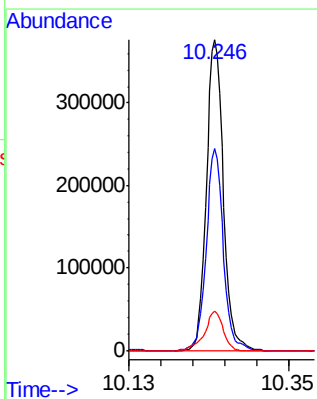
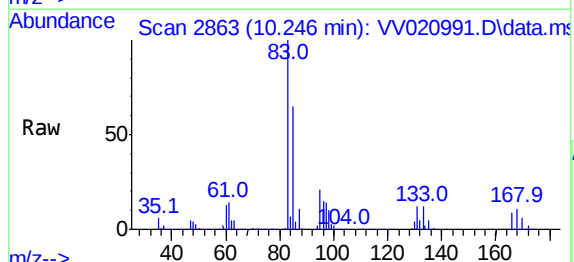
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

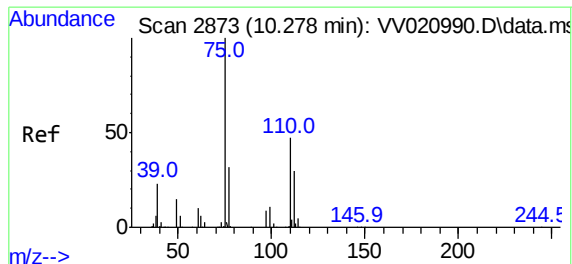
Tgt Ion:105 Resp: 2078537
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.5 12.6 18.8



#58
1,1,2,2-Tetrachloroethane
Concen: 93.65 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 83 Resp: 604127
Ion Ratio Lower Upper
83 100
85 65.1 44.5 82.7
131 12.5 10.4 15.6

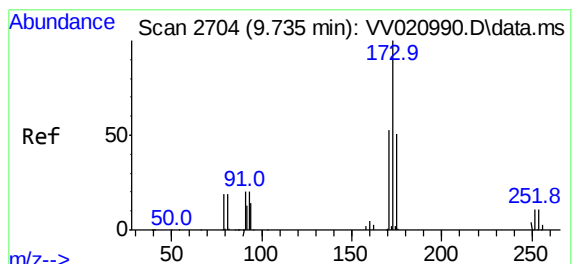
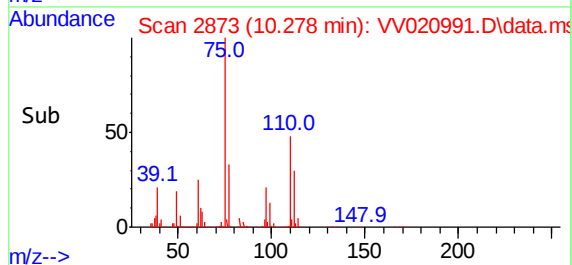
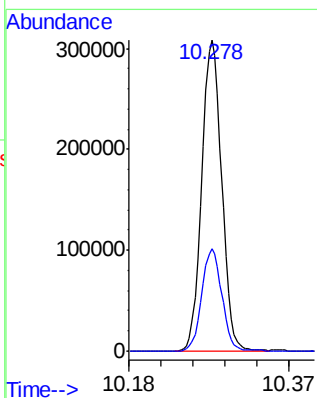
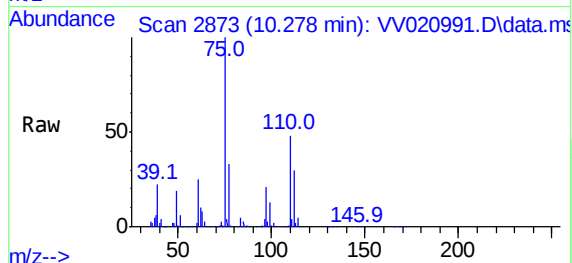




#59
1,2,3-Trichloropropane
Concen: 92.71 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

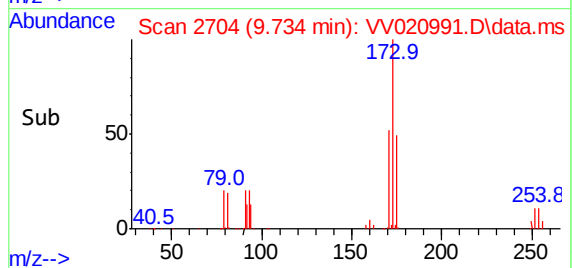
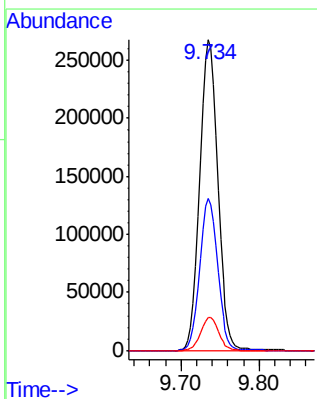
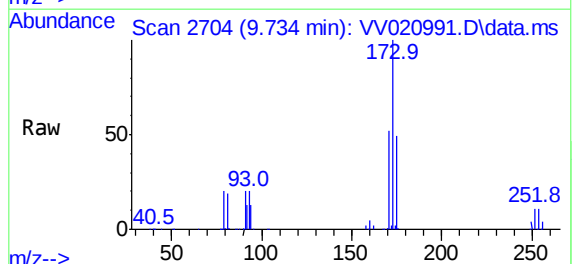
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

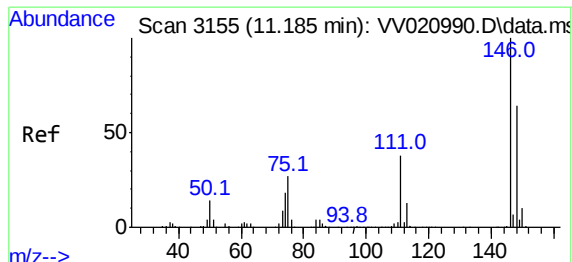
Tgt Ion: 75 Resp: 486146
Ion Ratio Lower Upper
75 100
77 32.8 26.6 40.0



#61
Bromoform
Concen: 109.39 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion: 173 Resp: 429619
Ion Ratio Lower Upper
173 100
175 48.4 39.1 58.7
254 10.5 8.3 12.5

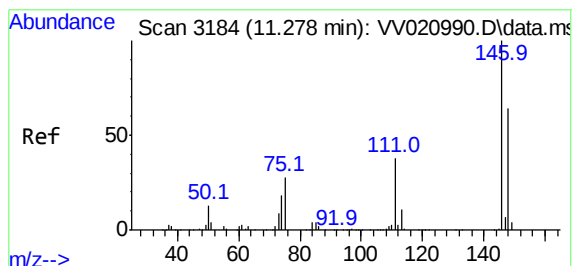
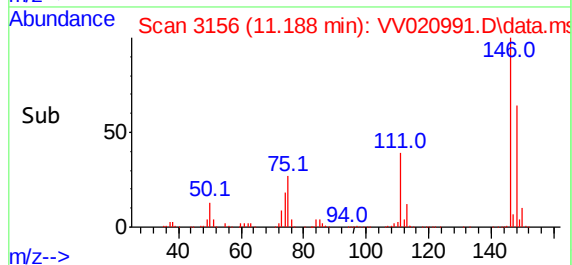
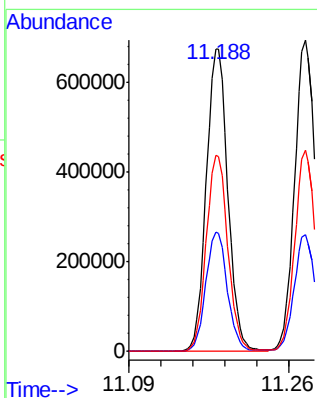
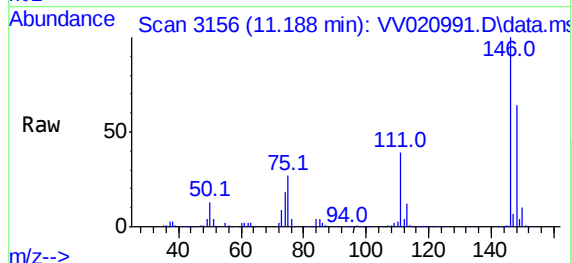




#62
1,3-Dichlorobenzene
Concen: 100.37 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

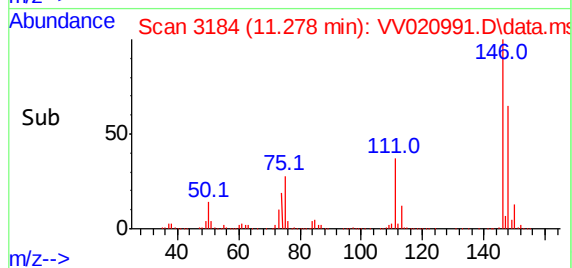
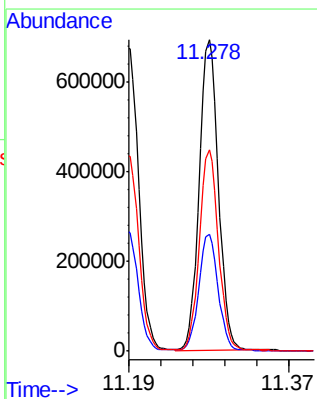
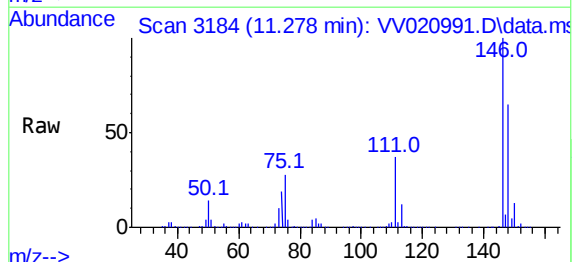
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

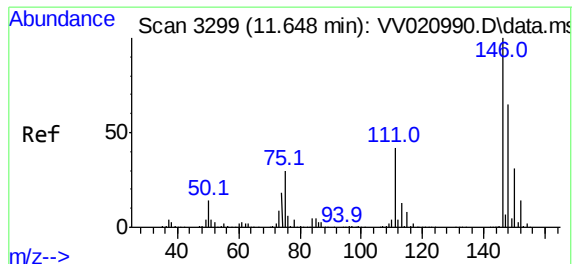
Tgt Ion:146 Resp: 1036176
Ion Ratio Lower Upper
146 100
111 38.7 26.9 49.9
148 64.2 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 98.31 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion:146 Resp: 1050981
Ion Ratio Lower Upper
146 100
111 37.4 26.8 49.8
148 64.8 44.8 83.2

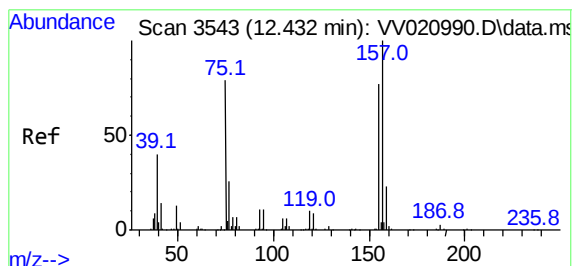
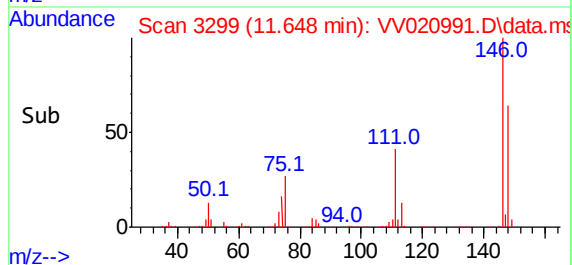
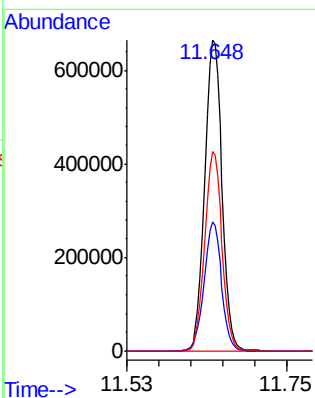
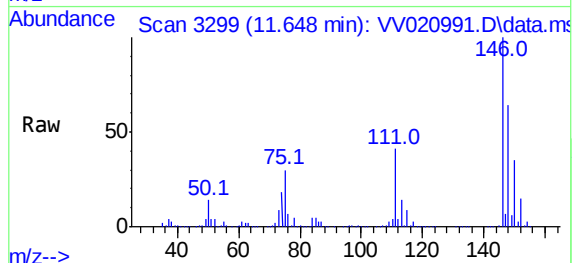




#65
 1,2-Dichlorobenzene
 Concen: 102.14 ug/L
 RT: 11.648 min Scan# 3299
 Delta R.T. -0.000 min
 Lab File: VV020991.D
 Acq: 13 Apr 2021 10:57

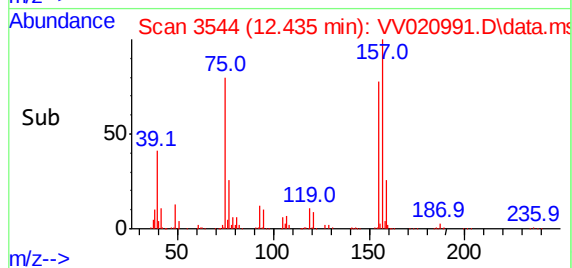
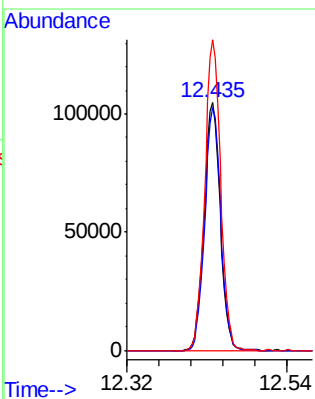
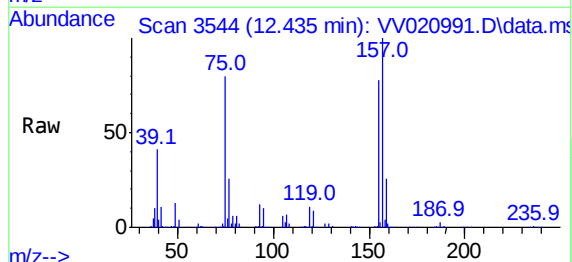
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10062

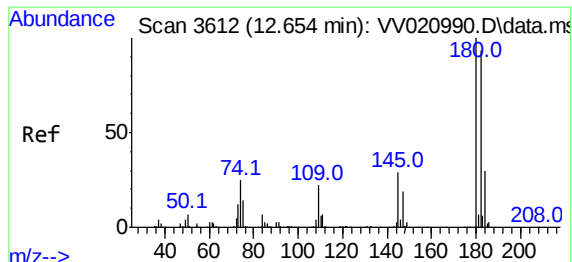
Tgt Ion:146 Resp: 1041730
 Ion Ratio Lower Upper
 146 100
 111 41.4 33.4 50.0
 148 64.0 51.6 77.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 95.55 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. 0.003 min
 Lab File: VV020991.D
 Acq: 13 Apr 2021 10:57

Tgt Ion: 75 Resp: 160681
 Ion Ratio Lower Upper
 75 100
 155 98.0 78.0 117.0
 157 125.3 100.9 151.3

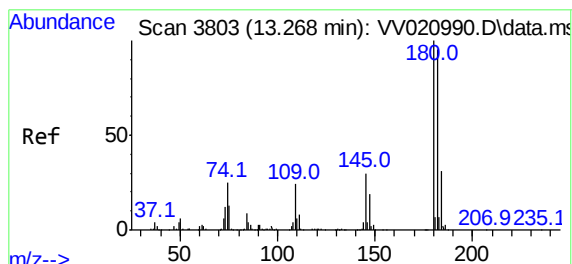
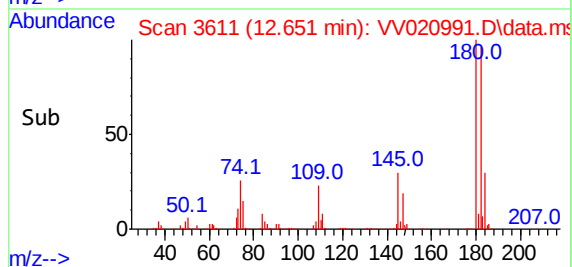
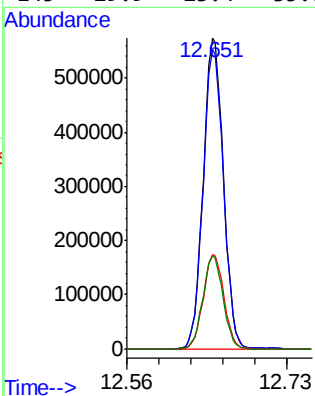
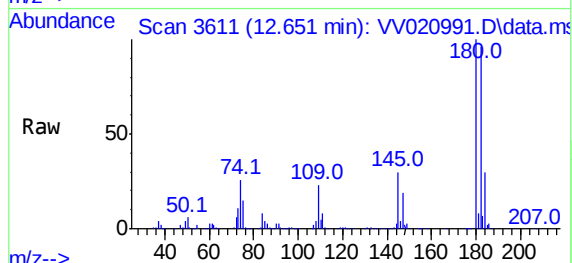




#67
1,3,5-Trichlorobenzene
Concen: 106.54 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

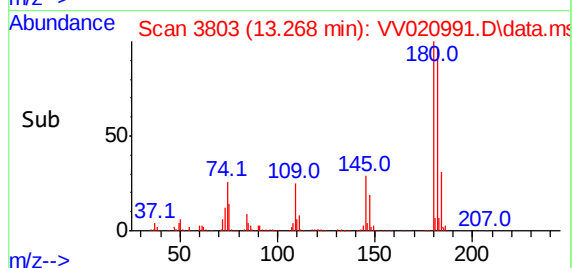
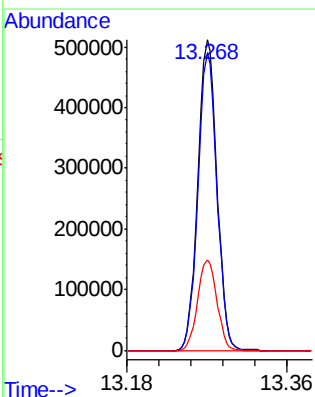
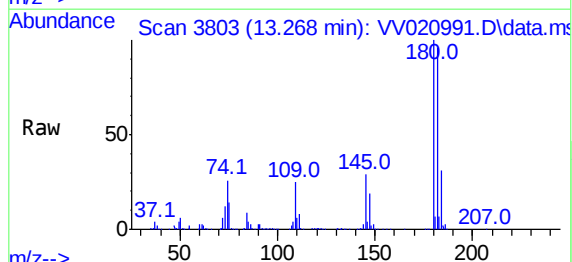
Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

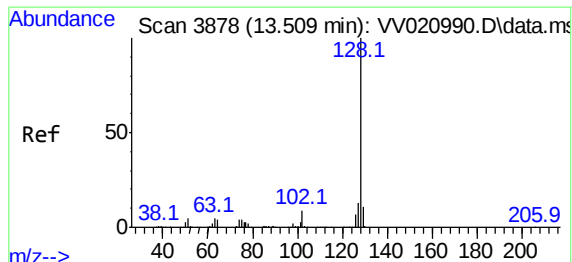
Tgt Ion:180 Resp: 866251
Ion Ratio Lower Upper
180 100
182 96.9 75.3 112.9
184 30.8 23.6 35.4
145 29.9 23.4 35.0



#68
1,2,4-trichlorobenzene
Concen: 113.48 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion:180 Resp: 772481
Ion Ratio Lower Upper
180 100
182 95.4 76.5 114.7
145 29.7 24.0 36.0



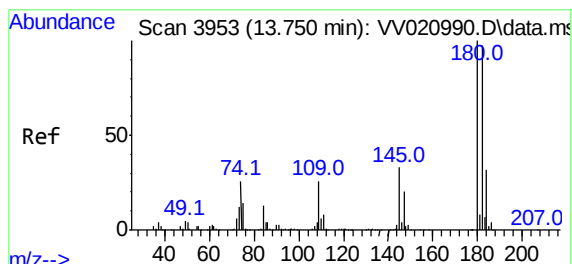
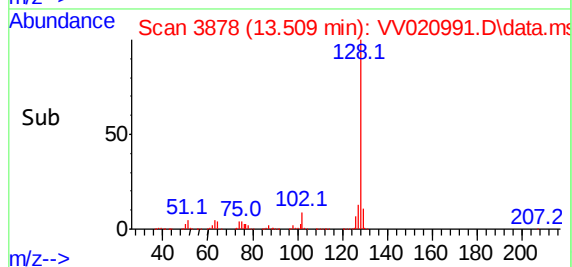
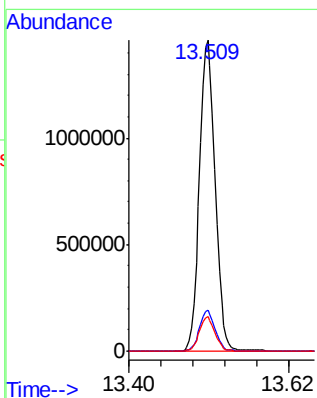
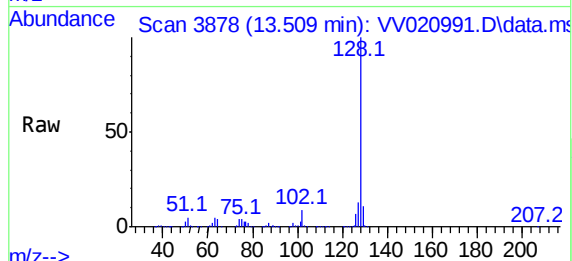


#69
Naphthalene
Concen: 114.30 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD10062

Tgt Ion:128 Resp: 2199720

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.7	13.1



#70
1,2,3-Trichlorobenzene
Concen: 113.76 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020991.D
Acq: 13 Apr 2021 10:57

Tgt Ion:180 Resp: 780203

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.3	115.9
145	32.1	25.4	38.0

