

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031221\
 Data File : VW020546.D
 Acq On : 11 Mar 2021 18:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Mar 12 04:17:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 04:11:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	543006	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	540547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	313957	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	155951	39.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.36%		
7) Chloroethane-d5	1.571	69	128457	41.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.34%		
11) 1,1-Dichloroethene-d2	2.111	63	281326	41.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.90%		
21) 2-Butanone-d5	3.908	46	205237	101.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.82%		
24) Chloroform-d	4.352	84	313394	45.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.08%		
26) 1,2-Dichloroethane-d4	5.037	65	190746	45.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.22%		
32) Benzene-d6	5.053	84	620306	45.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.98%		
36) 1,2-Dichloropropane-d6	6.075	67	183232	44.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.90%		
41) Toluene-d8	7.320	98	601259	45.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.20%		
43) trans-1,3-Dichloroprop...	7.625	79	90588	46.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.32%		
47) 2-Hexanone-d5	8.095	63	159790	108.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.39%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	270242	49.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.98%		
64) 1,2-Dichlorobenzene-d4	11.631	152	288839	46.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.98%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	234449	47.43	ug/L	100
3) Chloromethane	1.243	50	193635	45.07	ug/L	99
5) Vinyl chloride	1.313	62	206030	45.39	ug/L	100
6) Bromomethane	1.523	94	143266	45.91	ug/L	95
8) Chloroethane	1.587	64	122866	48.27	ug/L	98
9) Trichlorofluoromethane	1.754	101	313541	47.57	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	171296	48.48	ug/L #	81
12) 1,1-Dichloroethene	2.121	96	167855	47.89	ug/L #	57
13) Acetone	2.211	43	138807	98.60	ug/L	88
14) Carbon disulfide	2.294	76	438672	44.80	ug/L	100
15) Methyl Acetate	2.442	43	148676	47.54	ug/L #	85
16) Methylene chloride	2.510	84	179795	47.59	ug/L	79
17) trans-1,2-Dichloroethene	2.764	96	172272	47.58	ug/L	84
18) Methyl tert-butyl Ether	2.773	73	488067	49.30	ug/L #	91
19) 1,1-Dichloroethane	3.191	63	282830	46.45	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	186494	48.74	ug/L	78
22) 2-Butanone	3.992	43	214667	103.10	ug/L	88
23) Bromochloromethane	4.252	128	110158	50.34	ug/L #	69
25) Chloroform	4.378	83	330129	48.50	ug/L	96
27) 1,2-Dichloroethane	5.133	62	229540	46.08	ug/L #	93

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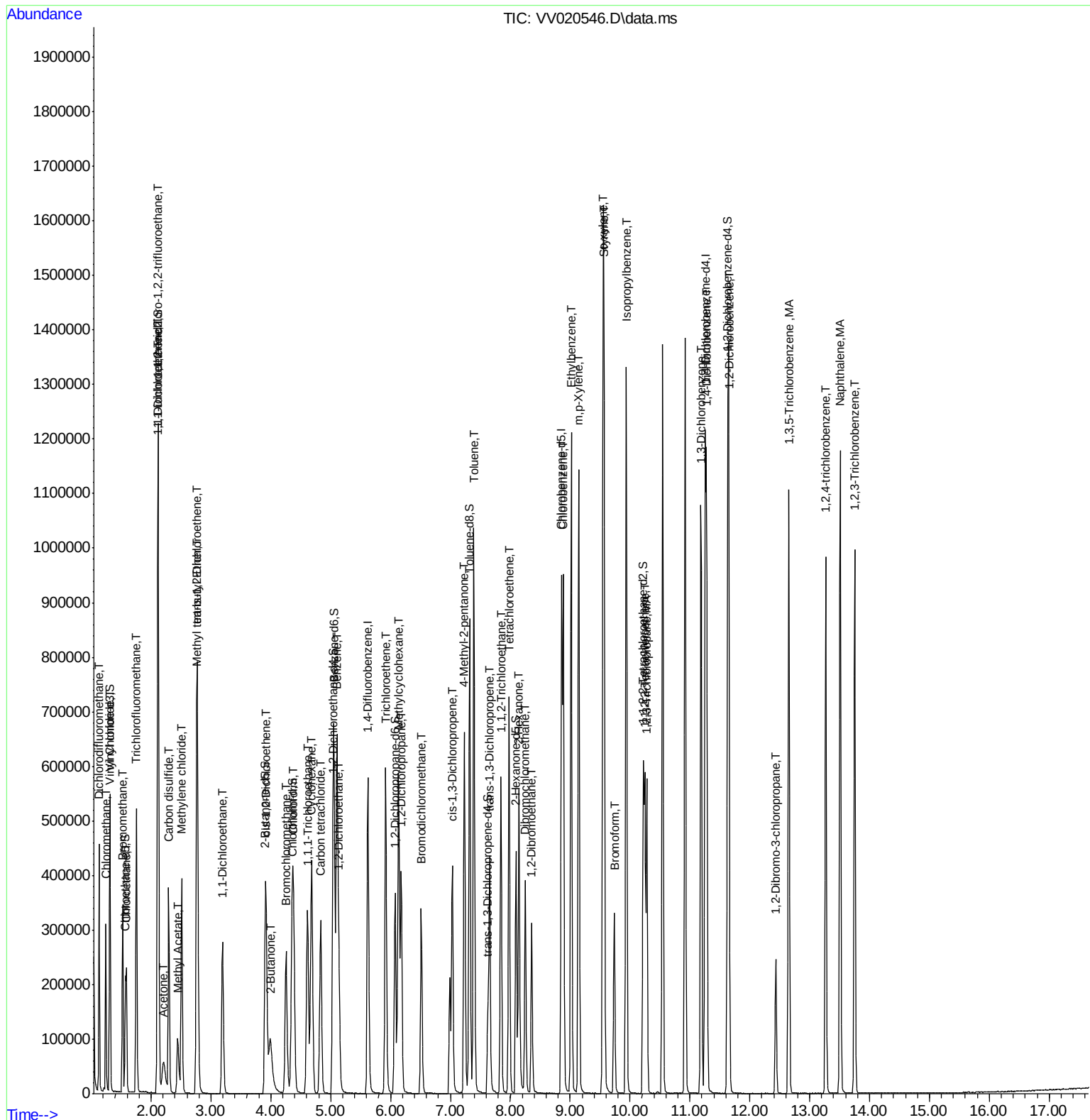
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	231998	48.13	ug/L #	84
30) 1,1,1-Trichloroethane	4.612	97	286648	48.73	ug/L #	93
31) Carbon tetrachloride	4.831	117	251907	48.20	ug/L	99
33) Benzene	5.104	78	689319	48.62	ug/L	100
34) Trichloroethene	5.918	95	204123	48.34	ug/L	87
35) Methylcyclohexane	6.136	83	270941	49.55	ug/L	88
37) 1,2-Dichloropropane	6.178	63	165920	47.08	ug/L #	96
38) Bromodichloromethane	6.513	83	231089	48.14	ug/L #	99
39) cis-1,3-Dichloropropene	7.030	75	265243	49.22	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	410257	100.82	ug/L #	86
42) Toluene	7.390	91	785836	50.36	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	258061	49.24	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	188833	49.83	ug/L	95
46) Tetrachloroethene	7.979	164	178898	50.50	ug/L	91
48) 2-Hexanone	8.143	43	327262	102.74	ug/L #	85
49) Dibromochloromethane	8.249	129	208712	50.17	ug/L	98
50) 1,2-Dibromoethane	8.355	107	207101	50.61	ug/L #	99
51) Chlorobenzene	8.886	112	538599	49.04	ug/L	93
52) Ethylbenzene	9.017	91	849603	49.54	ug/L	95
53) m,p-Xylene	9.143	106	342780	51.21	ug/L	89
54) o-xylene	9.548	106	332151	51.55	ug/L	88
55) Styrene	9.564	104	583897	52.62	ug/L	92
56) Isopropylbenzene	9.937	105	869047	51.03	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.246	83	265228	51.05	ug/L #	98
59) 1,2,3-Trichloropropane	10.278	75	234889	49.45	ug/L	99
61) Bromoform	9.738	173	158306	50.13	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	472014	49.85	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	480962	48.61	ug/L	95
65) 1,2-Dichlorobenzene	11.651	146	472619	49.32	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.435	75	56048	48.72	ug/L #	55
67) 1,3,5-Trichlorobenzene	12.651	180	373664	50.55	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	326169	51.26	ug/L	96
69) Naphthalene	13.509	128	931927	54.73	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	336115	52.06	ug/L	97

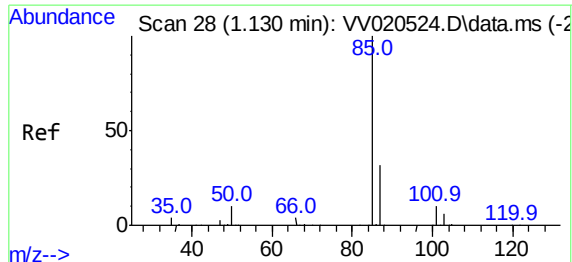
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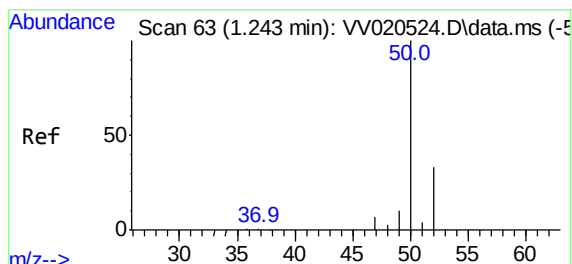
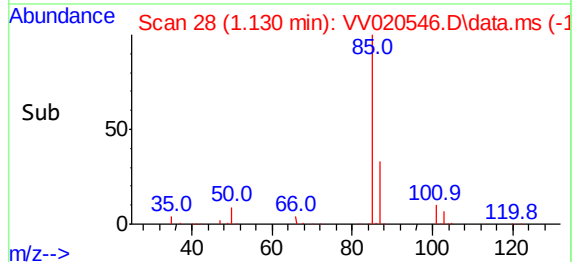
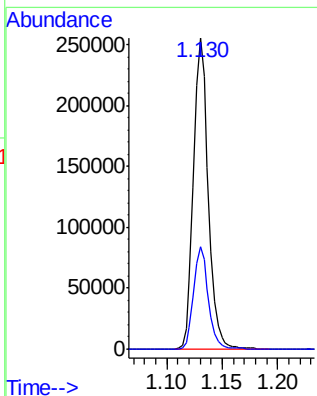
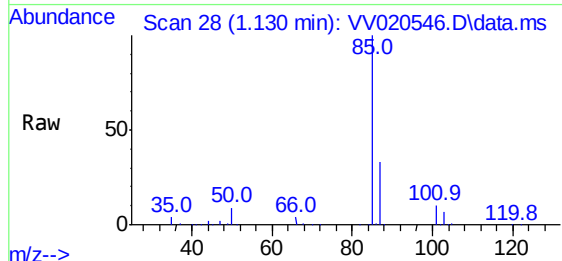


#2

Dichlorodifluoromethane
 Concen: 47.43 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020546.D
 Acq: 11 Mar 2021 18:50

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

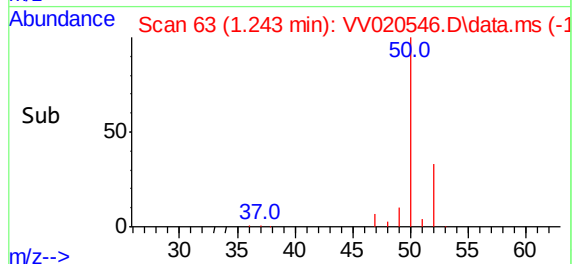
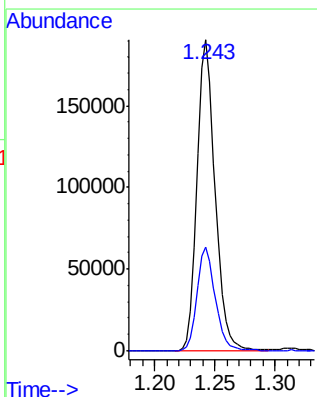
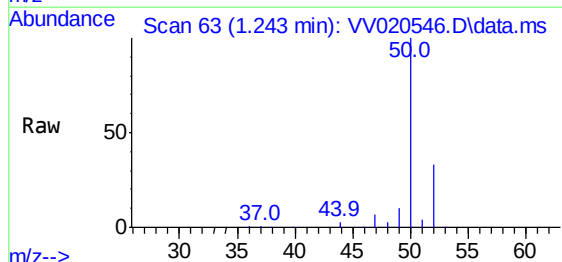
Tgt Ion: 85 Resp: 234449
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9

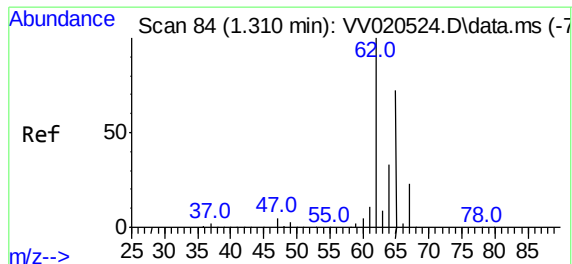


#3

Chloromethane
 Concen: 45.07 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020546.D
 Acq: 11 Mar 2021 18:50

Tgt Ion: 50 Resp: 193635
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.1

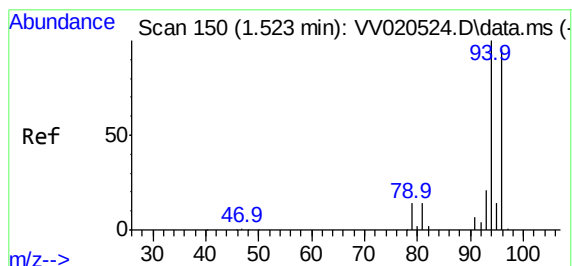
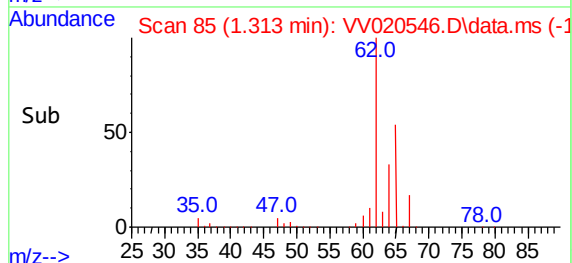
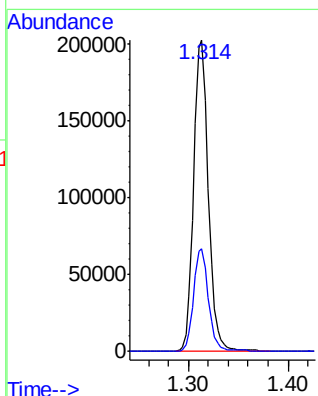
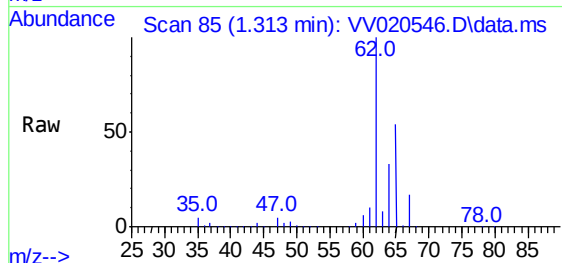




#5
 Vinyl chloride
 Concen: 45.39 ug/L
 RT: 1.313 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020546.D
 Acq: 11 Mar 2021 18:50

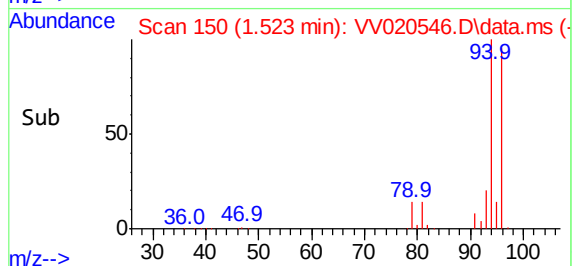
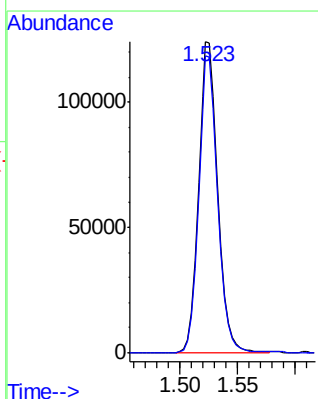
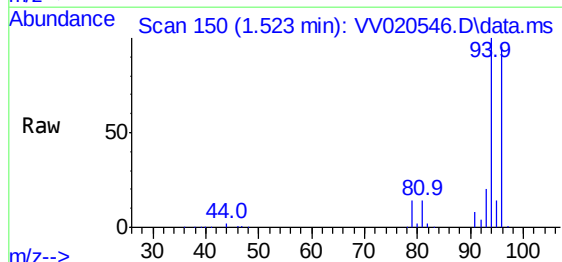
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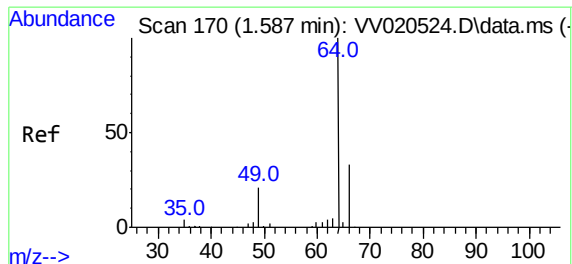
Tgt Ion: 62 Resp: 206030
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.6



#6
 Bromomethane
 Concen: 45.91 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020546.D
 Acq: 11 Mar 2021 18:50

Tgt Ion: 94 Resp: 143266
 Ion Ratio Lower Upper
 94 100
 96 95.4 63.6 118.2

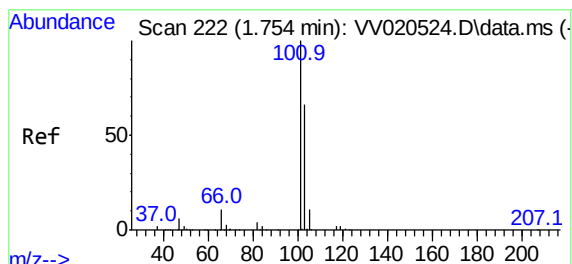
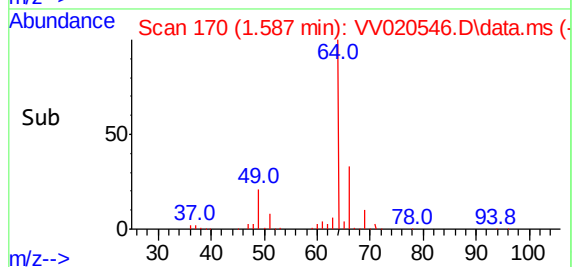
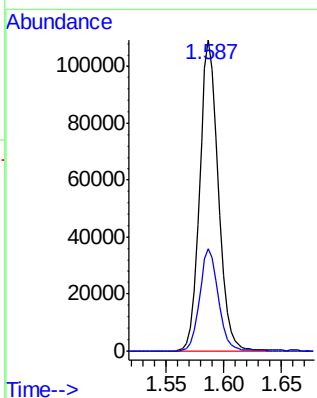
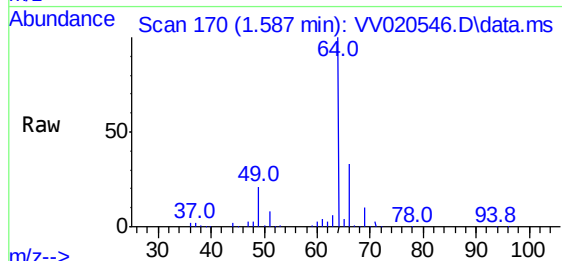




#8
Chloroethane
Concen: 48.27 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

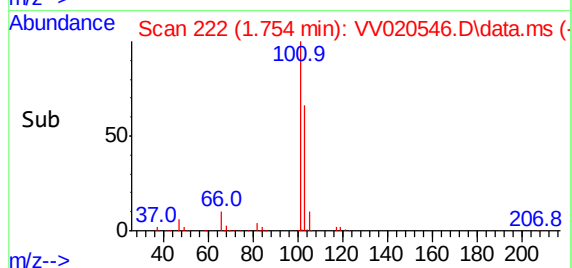
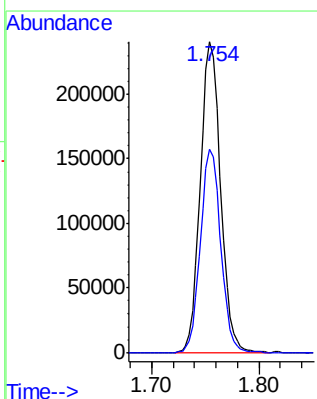
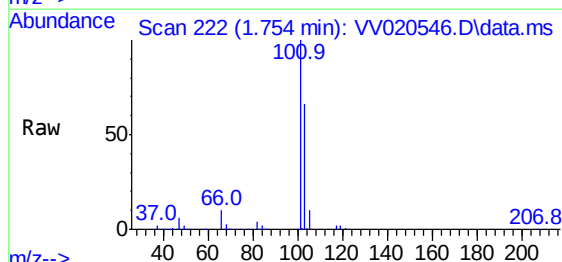
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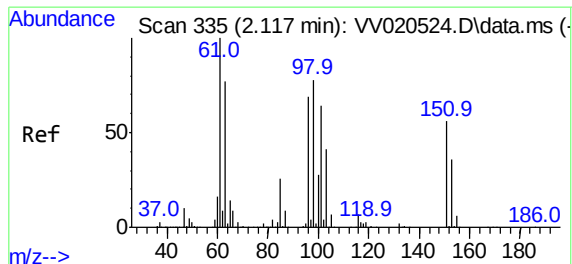
Tgt Ion: 64 Resp: 122866
Ion Ratio Lower Upper
64 100
66 32.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 47.57 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion:101 Resp: 313541
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5

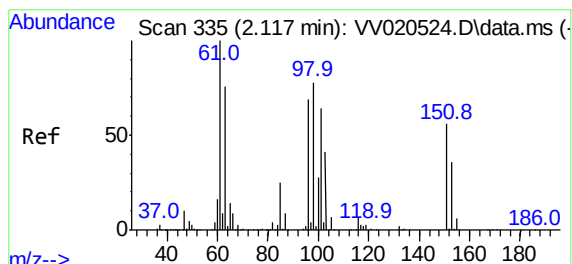
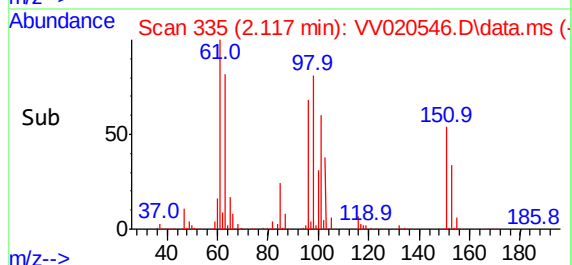
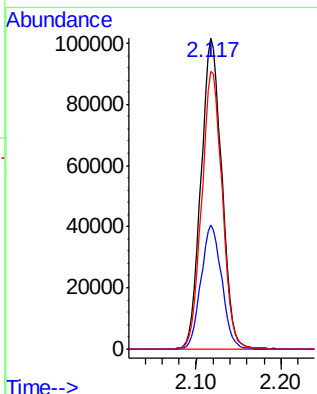
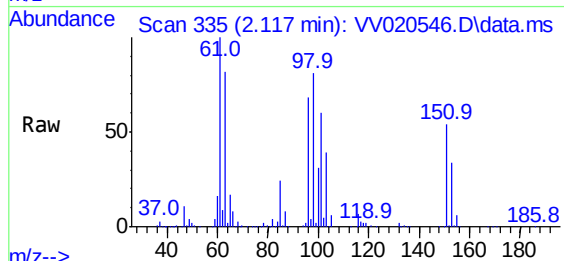




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.48 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020546.D
 Acq: 11 Mar 2021 18:50

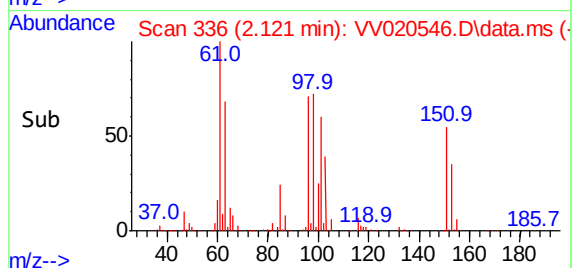
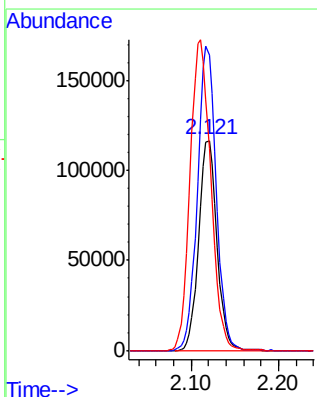
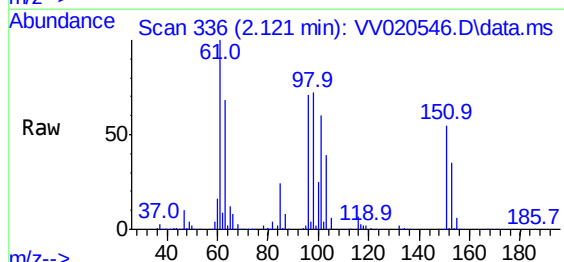
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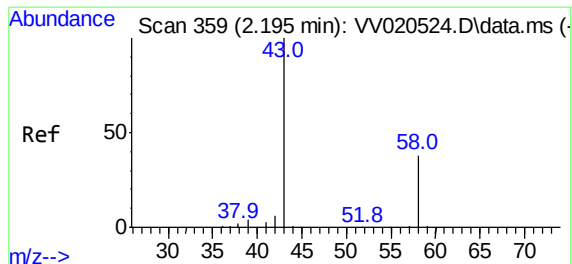
Tgt Ion:101 Resp: 171296
 Ion Ratio Lower Upper
 101 100
 85 39.8 35.3 52.9
 151 88.2 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 47.89 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020546.D
 Acq: 11 Mar 2021 18:50

Tgt Ion: 96 Resp: 167855
 Ion Ratio Lower Upper
 96 100
 61 140.9 134.9 250.5
 63 96.3 117.6 218.4#

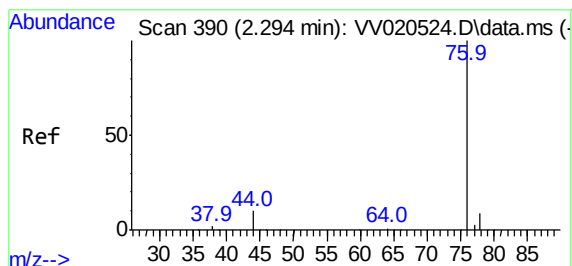
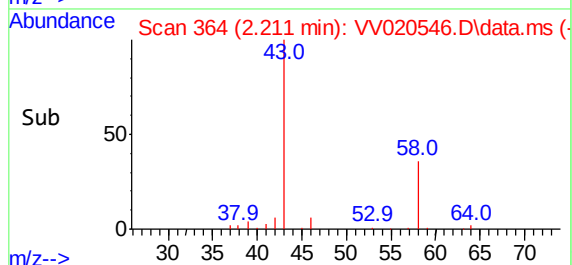
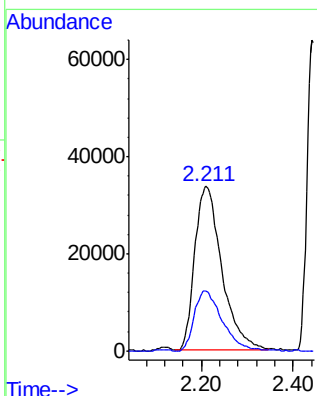
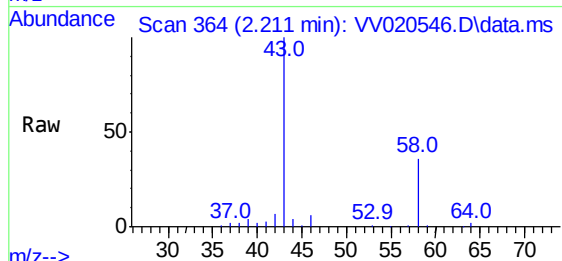




#13
Acetone
Concen: 98.60 ug/L
RT: 2.211 min Scan# 364
Delta R.T. 0.016 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

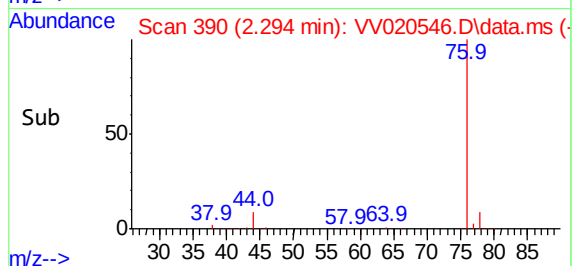
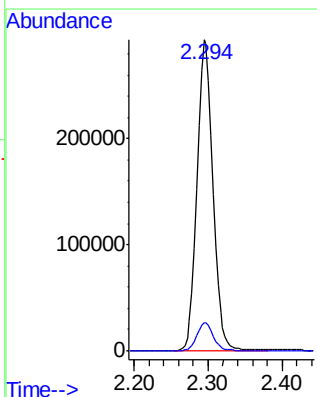
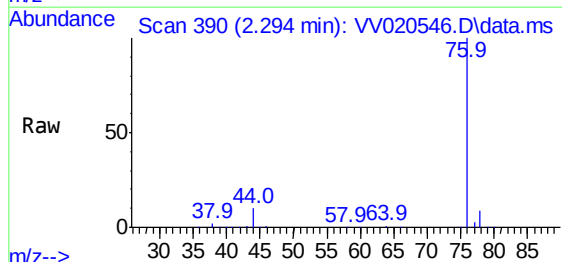
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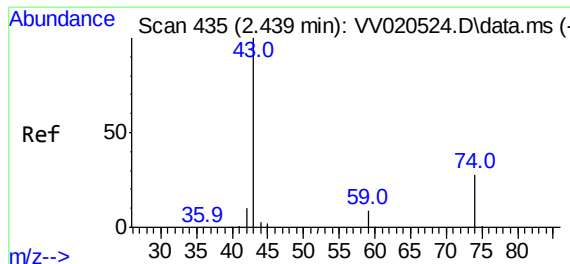
Tgt Ion: 43 Resp: 138807
Ion Ratio Lower Upper
43 100
58 36.8 0.0 60.2



#14
Carbon disulfide
Concen: 44.80 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 438672
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

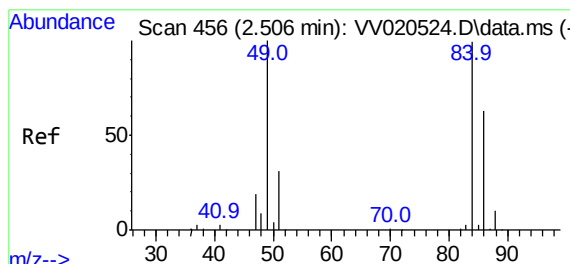
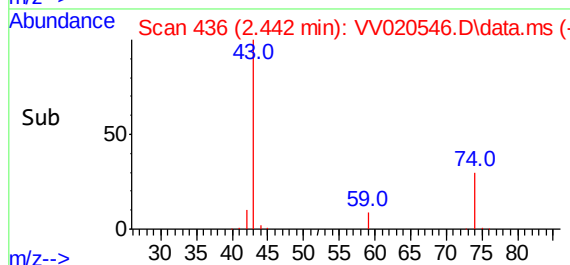
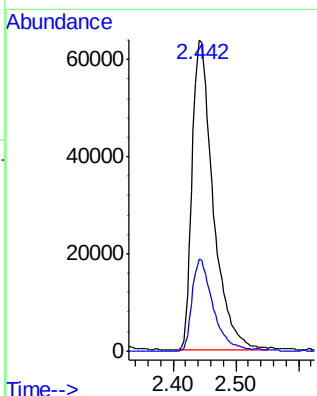
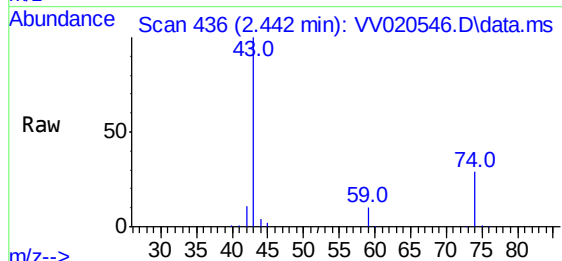




#15
Methyl Acetate
Concen: 47.54 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

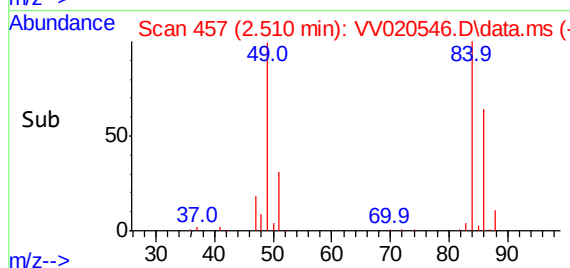
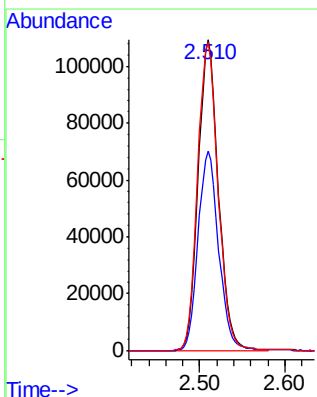
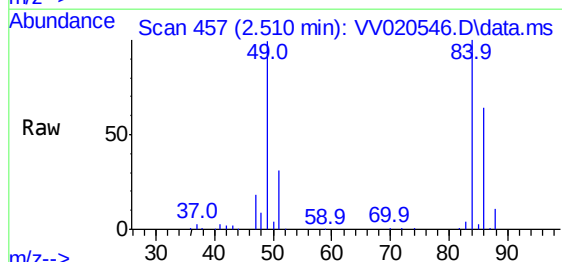
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

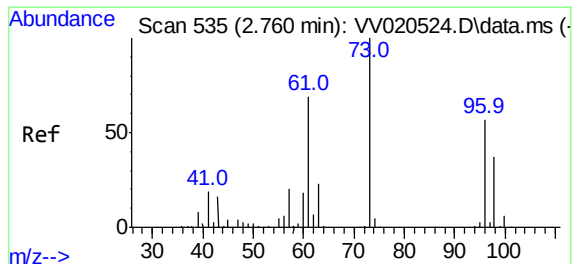
Tgt Ion: 43 Resp: 148676
Ion Ratio Lower Upper
43 100
74 29.3 17.6 26.4#



#16
Methylene chloride
Concen: 47.59 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 84 Resp: 179795
Ion Ratio Lower Upper
84 100
86 64.0 44.6 82.8
49 99.0 94.6 175.8

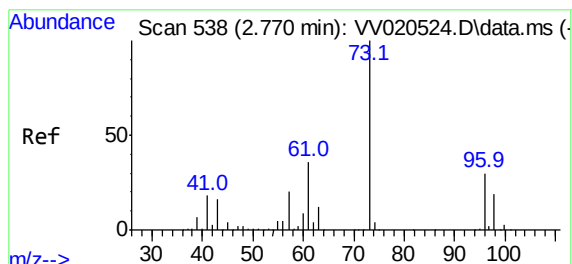
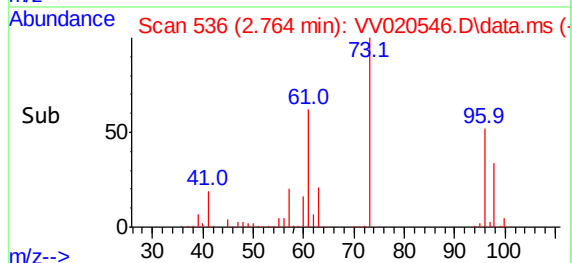
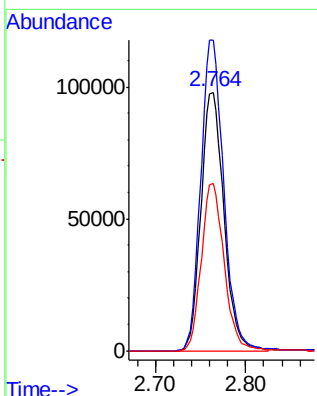
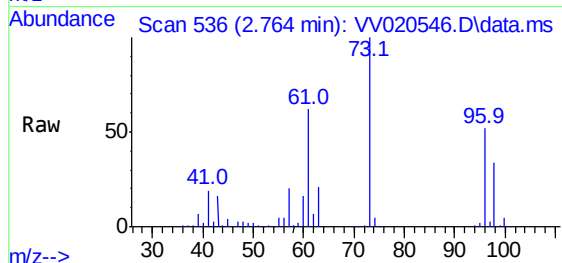




#17
trans-1,2-Dichloroethene
Concen: 47.58 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

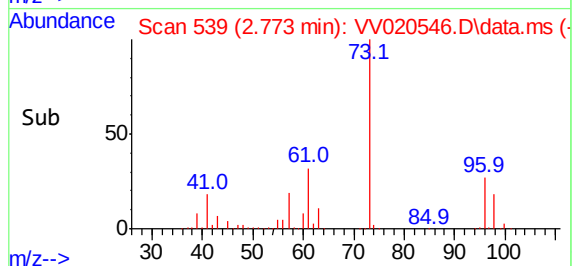
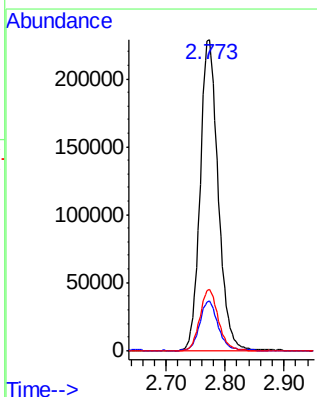
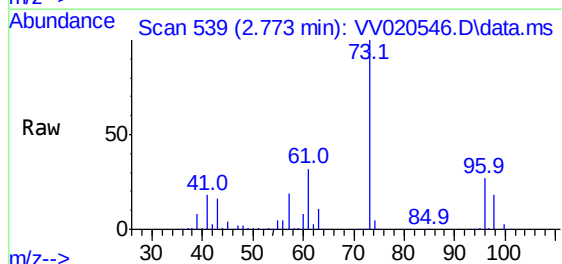
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

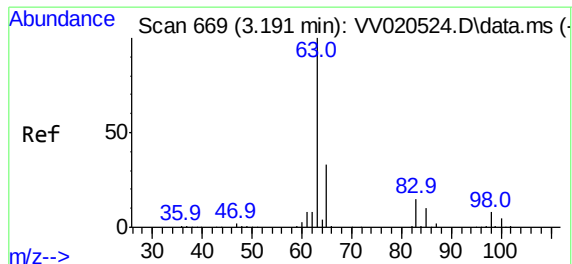
Tgt Ion: 96 Resp: 172272
Ion Ratio Lower Upper
96 100
61 120.2 103.1 191.5
98 64.7 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 49.30 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 73 Resp: 488067
Ion Ratio Lower Upper
73 100
43 15.9 17.3 25.9#
57 19.9 17.9 26.9

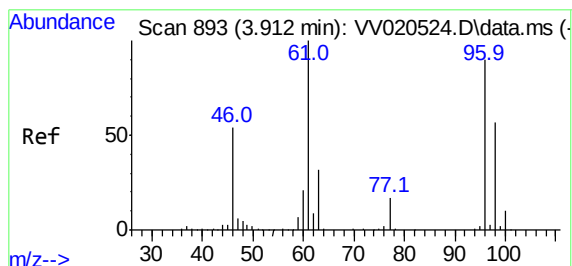
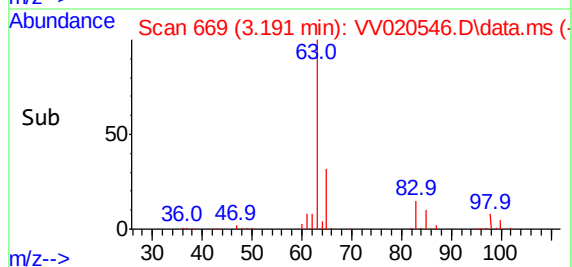
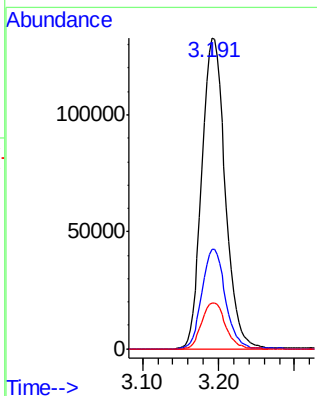
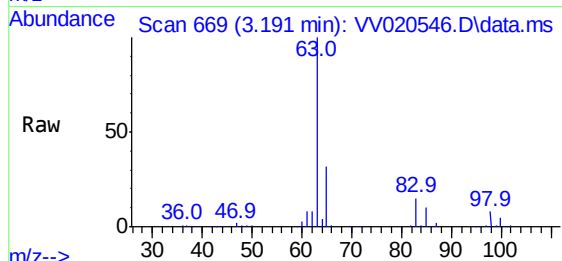




#19
1,1-Dichloroethane
Concen: 46.45 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

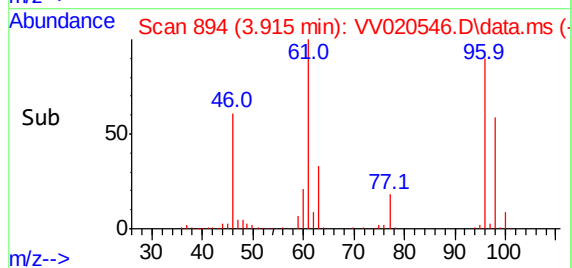
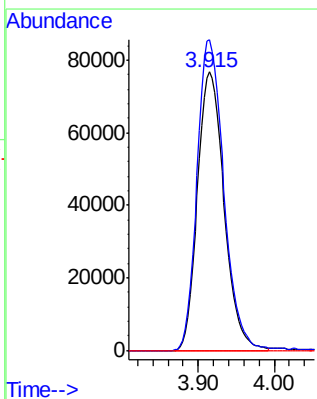
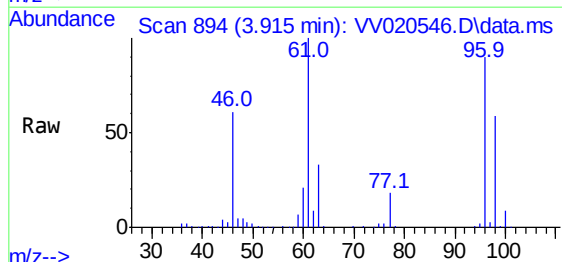
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

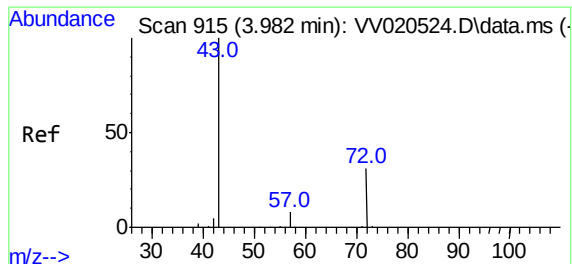
Tgt Ion: 63 Resp: 282830
Ion Ratio Lower Upper
63 100
65 32.1 21.9 40.7
83 14.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 48.74 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 96 Resp: 186494
Ion Ratio Lower Upper
96 100
61 111.7 96.9 179.9
68 0.0 0.0 0.0

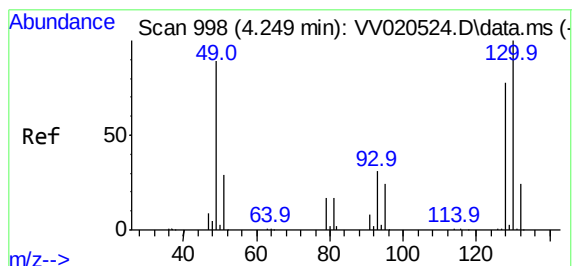
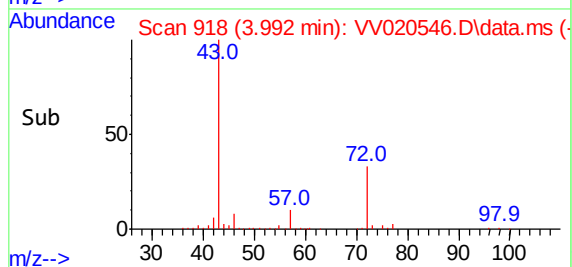
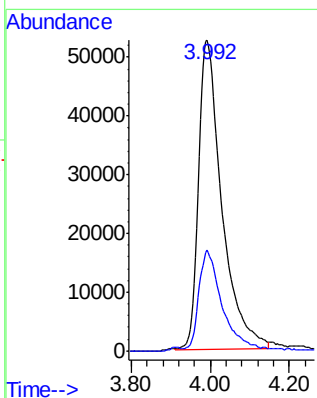
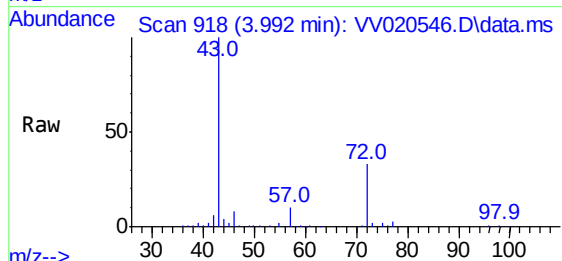




#22
2-Butanone
Concen: 103.10 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.010 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

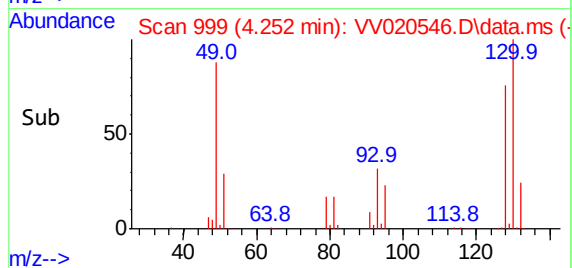
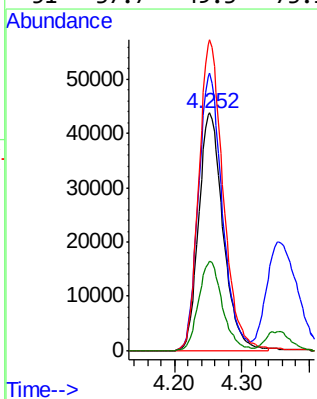
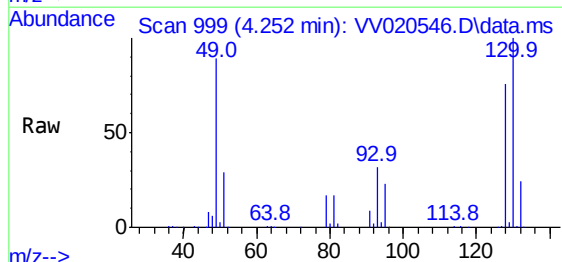
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

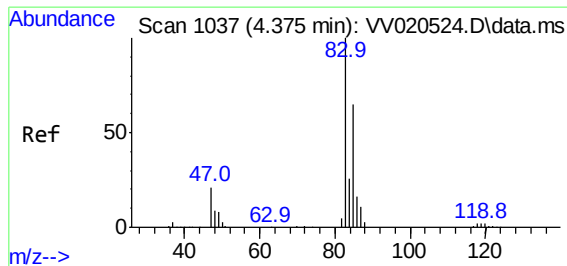
Tgt Ion: 43 Resp: 214667
Ion Ratio Lower Upper
43 100
72 30.5 12.2 36.6



#23
Bromochloromethane
Concen: 50.34 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 128 Resp: 110158
Ion Ratio Lower Upper
128 100
49 116.7 133.1 247.1#
130 130.9 89.0 165.4
51 37.7 49.3 73.9#

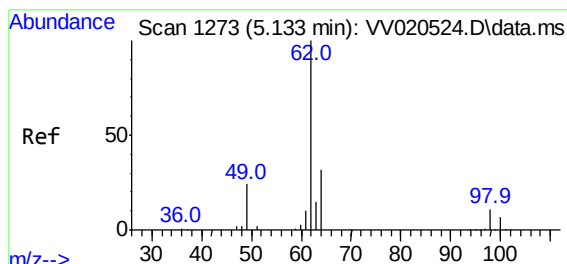
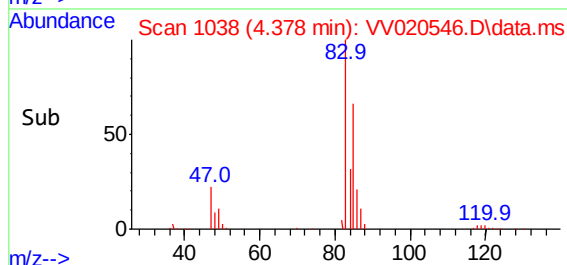
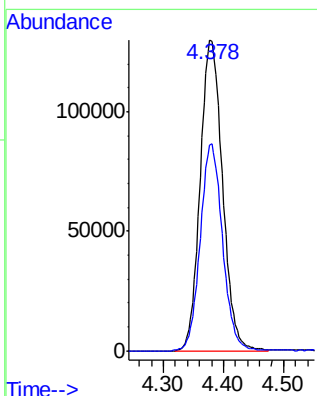
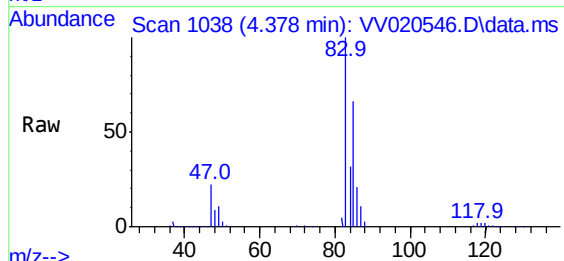




#25
Chloroform
Concen: 48.50 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

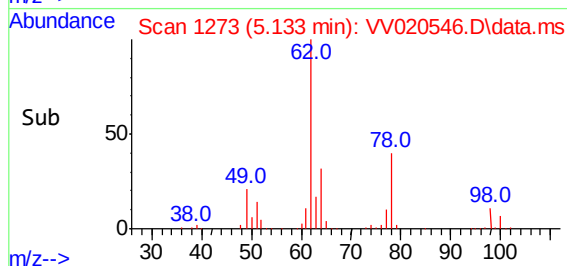
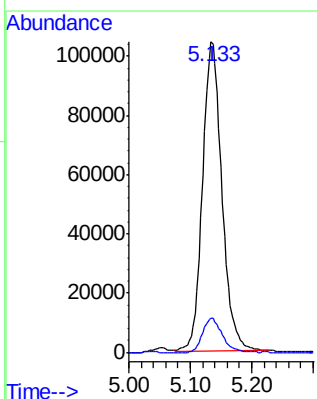
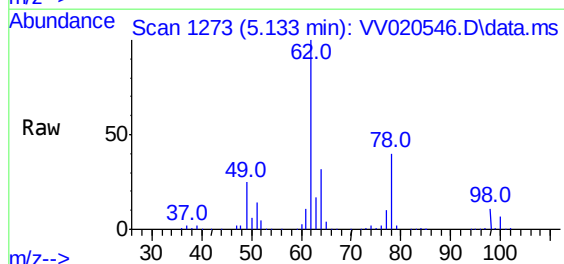
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

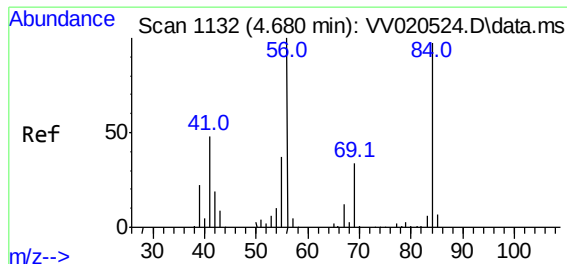
Tgt Ion: 83 Resp: 330129
Ion Ratio Lower Upper
83 100
85 66.2 44.2 82.2



#27
1,2-Dichloroethane
Concen: 46.08 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 62 Resp: 229540
Ion Ratio Lower Upper
62 100
98 11.1 6.9 10.3#

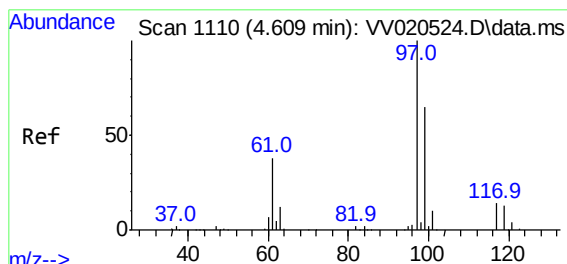
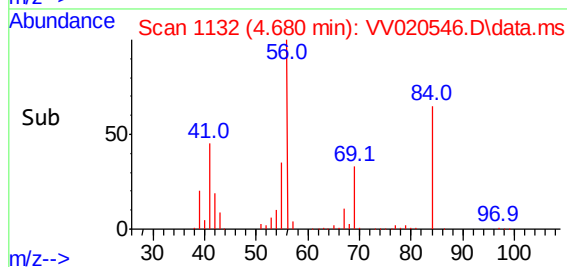
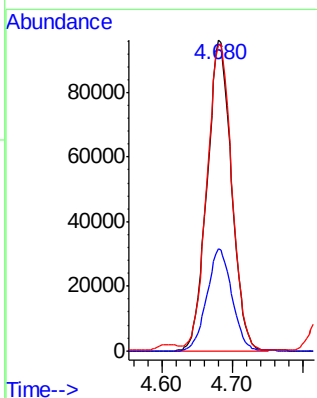
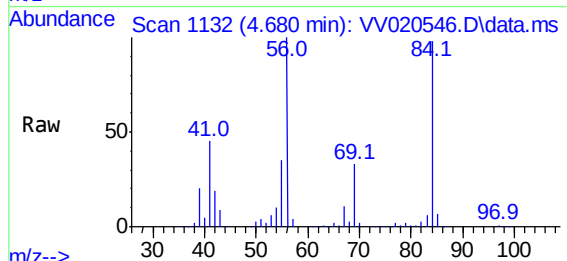




#29
Cyclohexane
Concen: 48.13 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

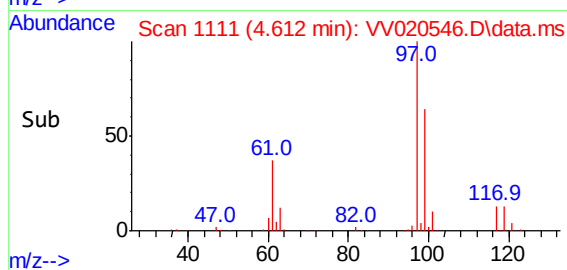
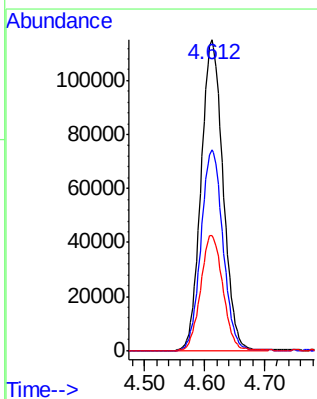
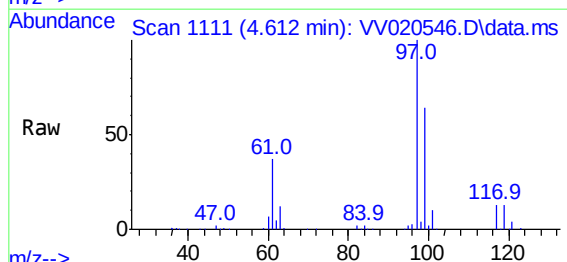
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

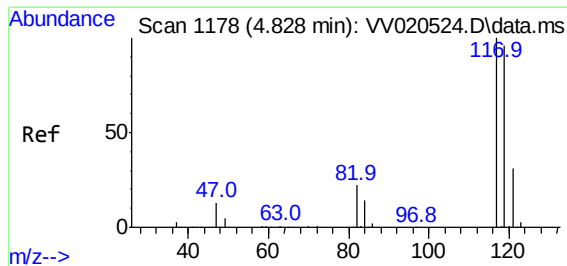
Tgt Ion: 56 Resp: 231998
Ion Ratio Lower Upper
56 100
69 33.4 24.2 36.2
84 100.4 66.3 99.5#



#30
1,1,1-Trichloroethane
Concen: 48.73 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 97 Resp: 286648
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 37.4 38.5 57.7#

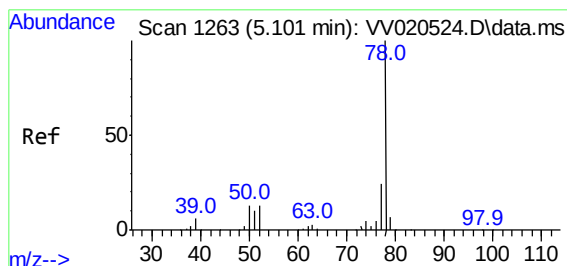
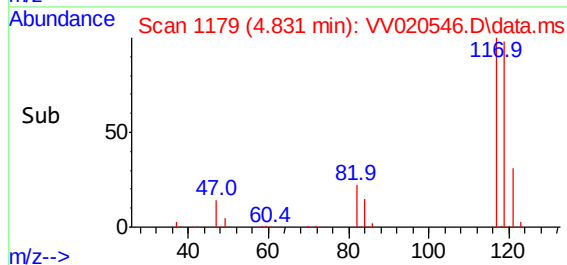
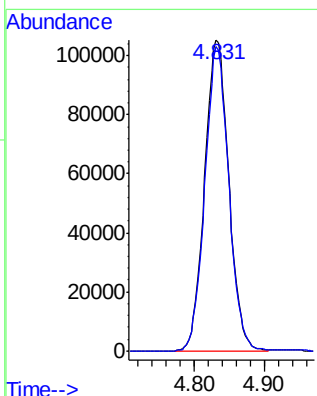
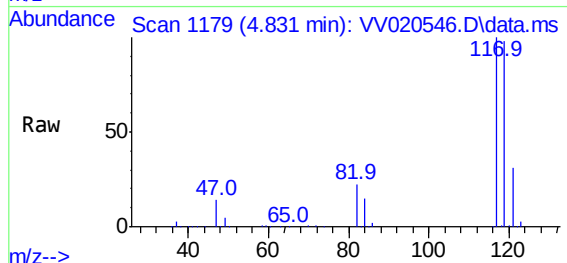




#31
Carbon tetrachloride
Concen: 48.20 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

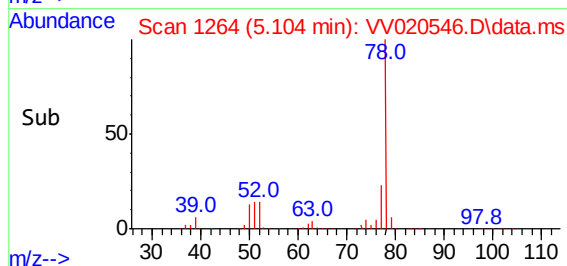
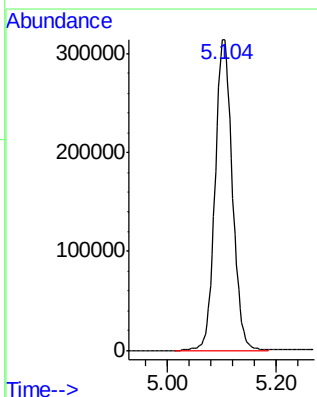
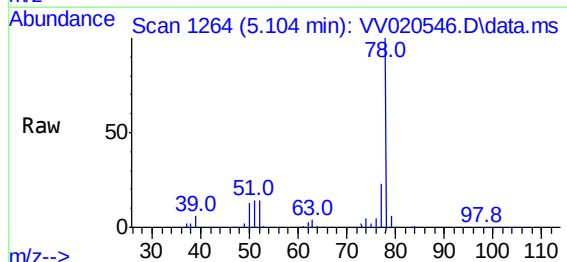
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

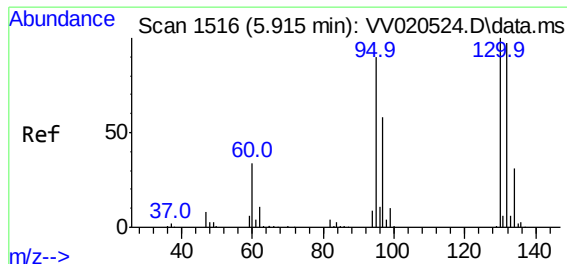
Tgt Ion:117 Resp: 251907
Ion Ratio Lower Upper
117 100
119 96.8 76.3 114.5



#33
Benzene
Concen: 48.62 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 78 Resp: 689319

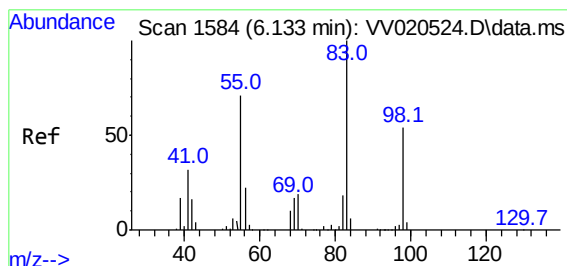
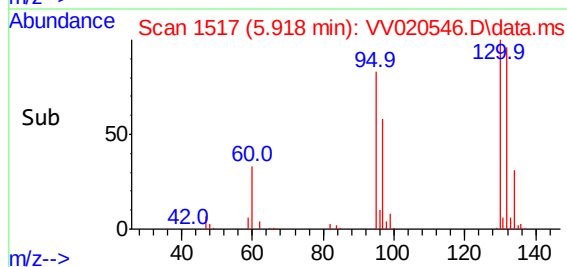
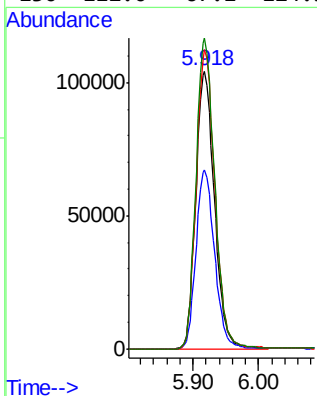
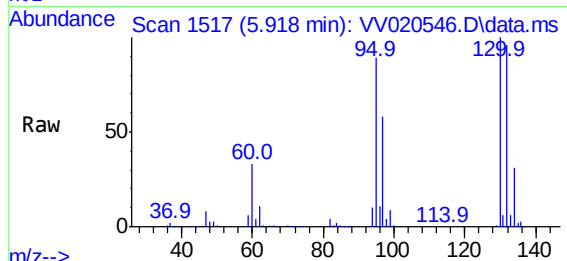




#34
Trichloroethene
Concen: 48.34 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

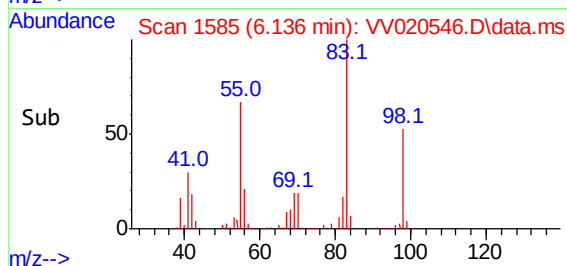
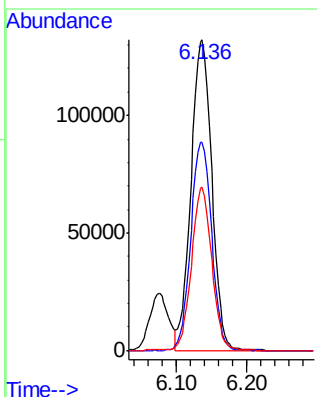
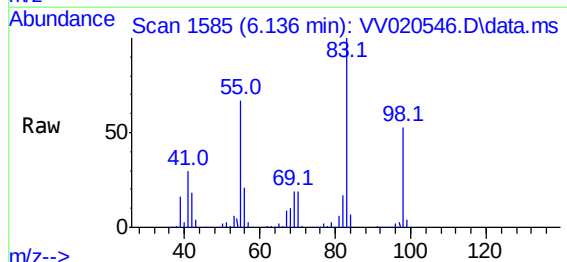
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

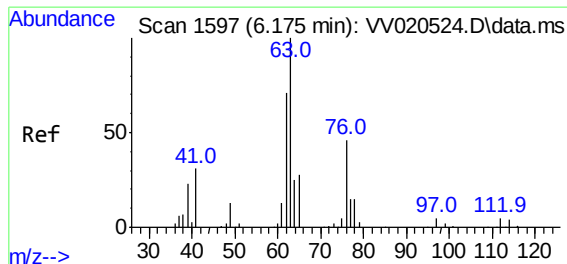
Tgt Ion: 95 Resp: 204123
Ion Ratio Lower Upper
95 100
97 64.7 44.5 82.7
132 108.0 63.4 117.8
130 112.0 67.1 124.5



#35
Methylcyclohexane
Concen: 49.55 ug/L
RT: 6.136 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 83 Resp: 270941
Ion Ratio Lower Upper
83 100
55 67.3 65.1 97.7
98 51.1 38.2 57.2

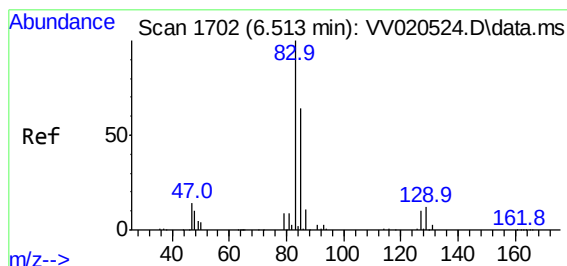
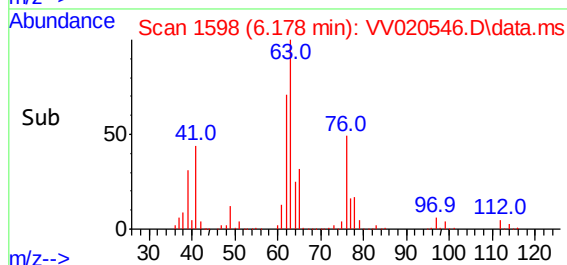
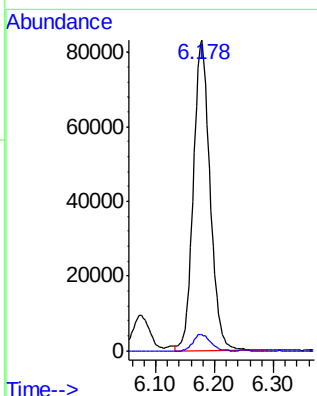
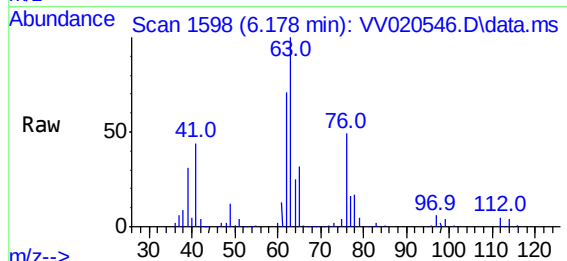




#37
1,2-Dichloropropane
Concen: 47.08 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

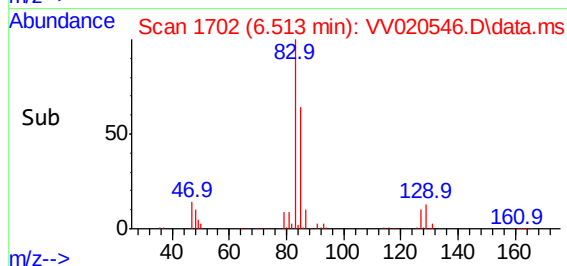
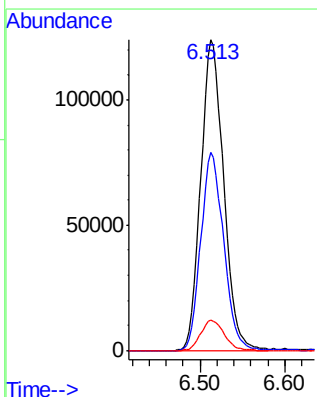
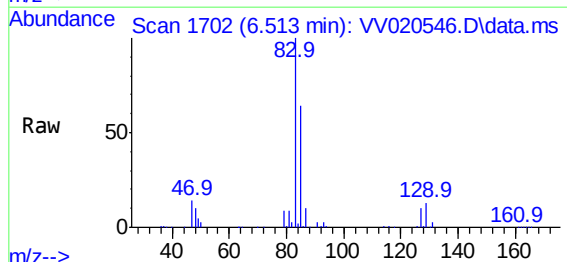
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

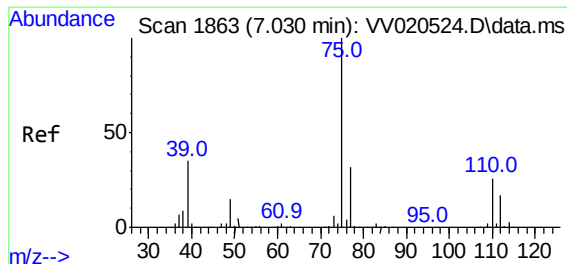
Tgt Ion: 63 Resp: 165920
Ion Ratio Lower Upper
63 100
112 5.4 3.3 4.9#



#38
Bromodichloromethane
Concen: 48.14 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 83 Resp: 231089
Ion Ratio Lower Upper
83 100
85 63.8 44.5 82.7
127 9.7 6.3 9.5#

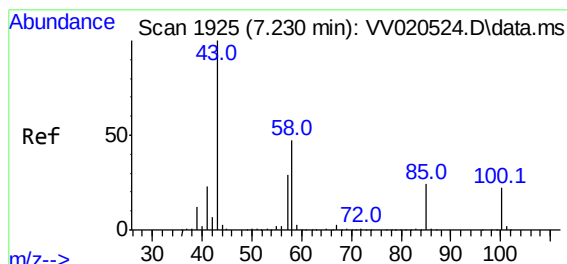
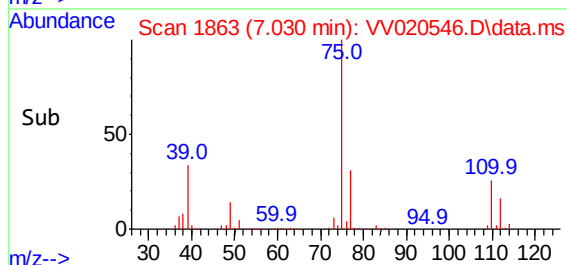
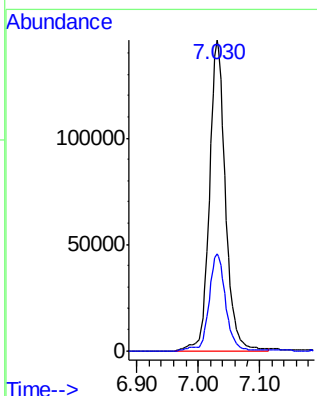
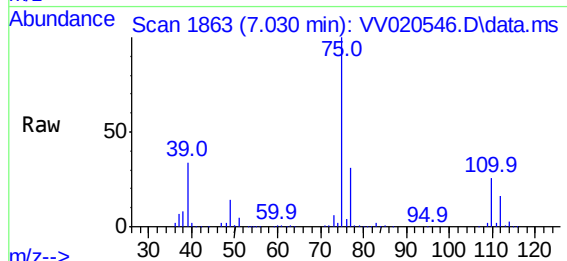




#39
 cis-1,3-Dichloropropene
 Concen: 49.22 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VV020546.D
 Acq: 11 Mar 2021 18:50

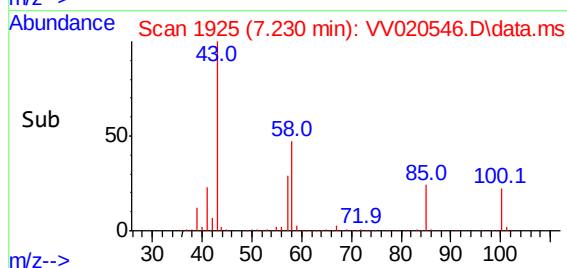
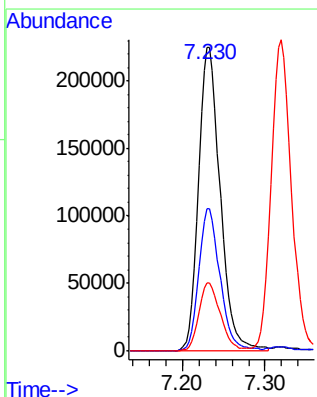
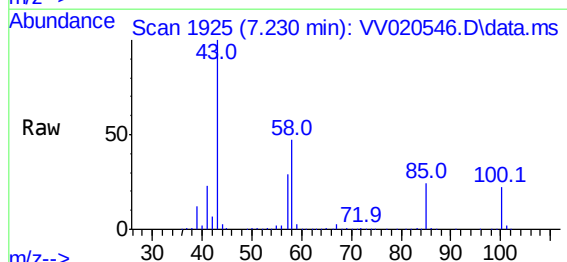
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05071

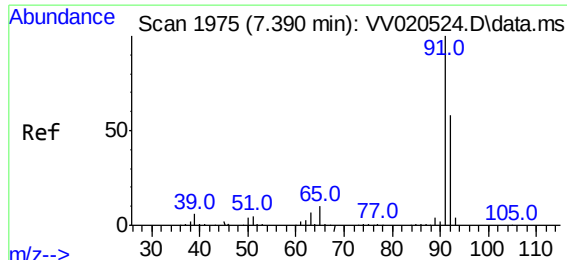
Tgt Ion: 75 Resp: 265243
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 100.82 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. -0.000 min
 Lab File: VV020546.D
 Acq: 11 Mar 2021 18:50

Tgt Ion: 43 Resp: 410257
 Ion Ratio Lower Upper
 43 100
 58 45.8 30.7 46.1
 100 22.0 11.6 17.4#





#42

Toluene

Concen: 50.36 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV020546.D

Acq: 11 Mar 2021 18:50

Tgt Ion: 91 Resp: 785836

Ion Ratio Lower Upper

91 100

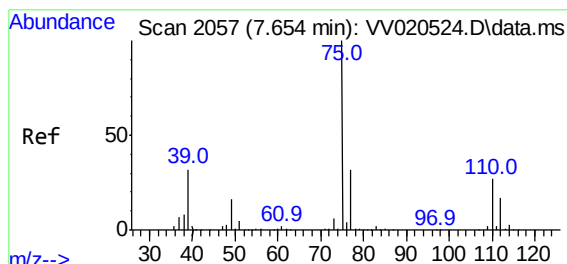
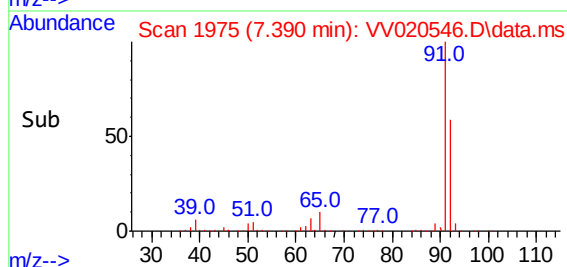
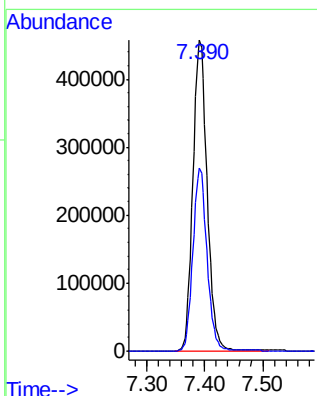
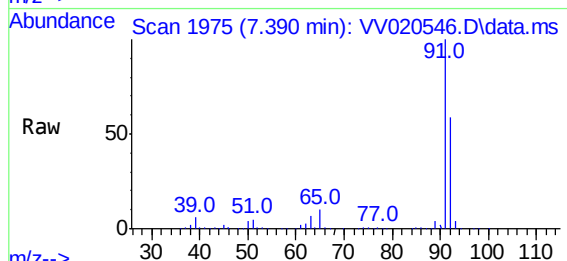
92 58.8 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05071



#44

trans-1,3-Dichloropropene

Concen: 49.24 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV020546.D

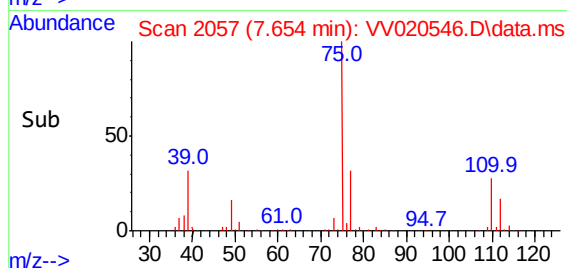
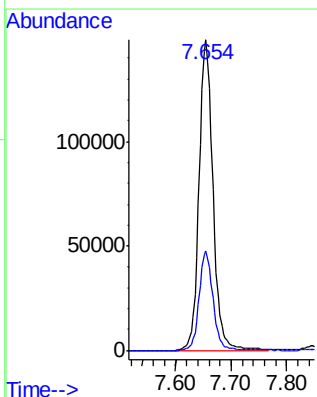
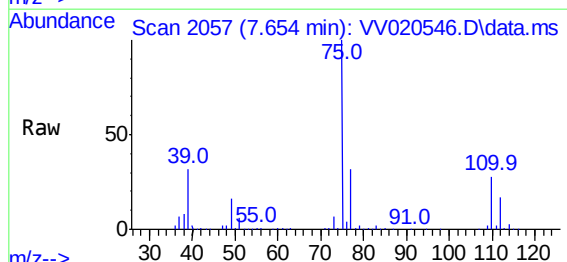
Acq: 11 Mar 2021 18:50

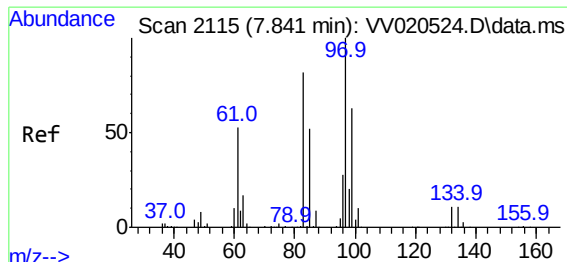
Tgt Ion: 75 Resp: 258061

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 49.83 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.003 min

Lab File: VV020546.D

Acq: 11 Mar 2021 18:50

Tgt Ion: 97 Resp: 188833

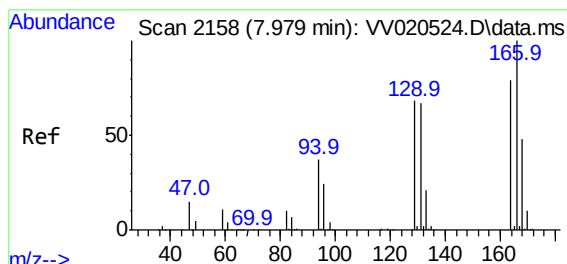
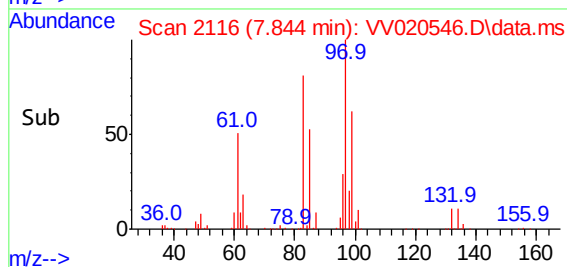
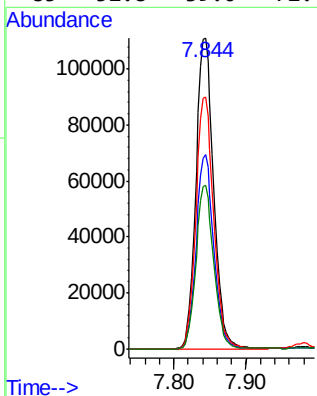
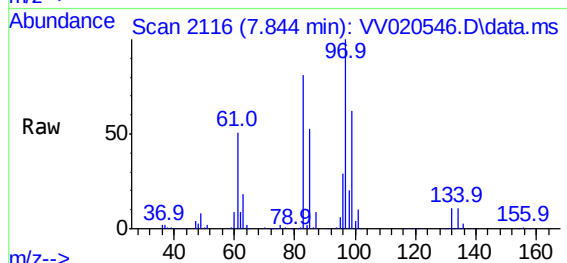
Ion Ratio Lower Upper

97 100

99 62.5 43.8 81.3

83 81.2 62.2 115.4

85 52.8 39.0 72.4



#46

Tetrachloroethene

Concen: 50.50 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV020546.D

Acq: 11 Mar 2021 18:50

Tgt Ion:164 Resp: 178898

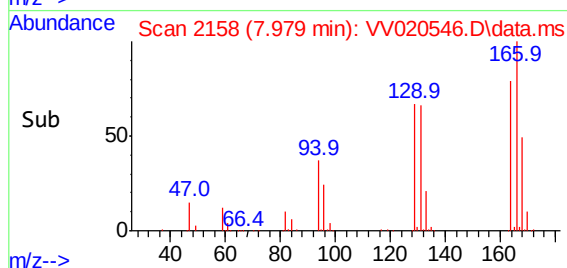
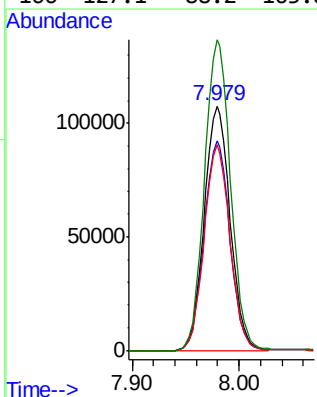
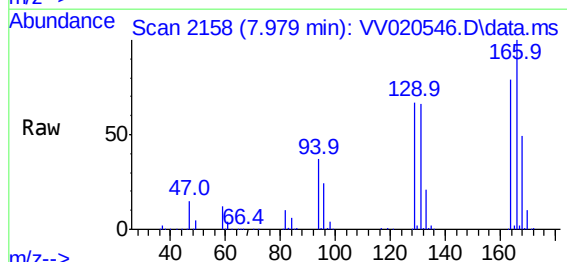
Ion Ratio Lower Upper

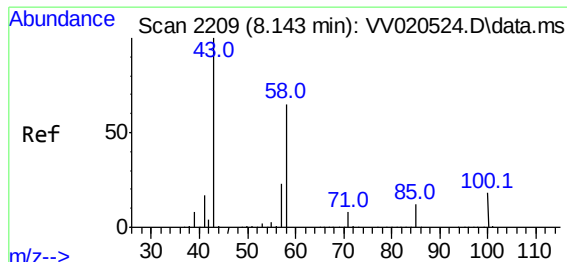
164 100

129 85.7 70.6 131.0

131 83.9 66.8 124.0

166 127.1 88.2 163.8

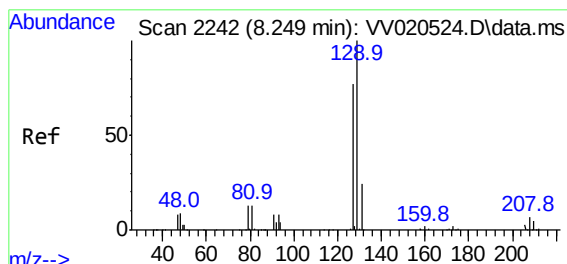
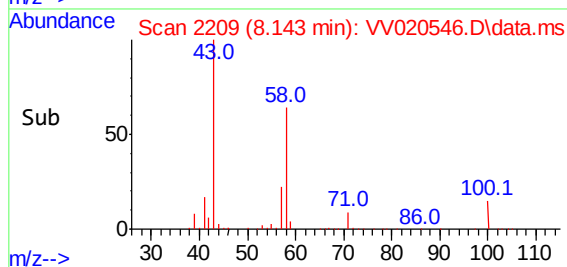
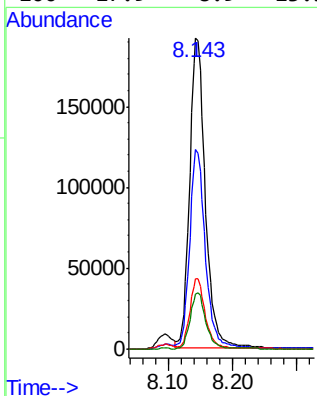
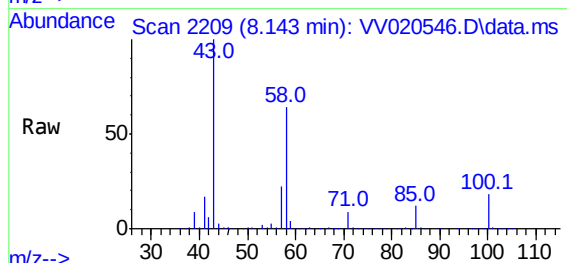




#48
2-Hexanone
Concen: 102.74 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

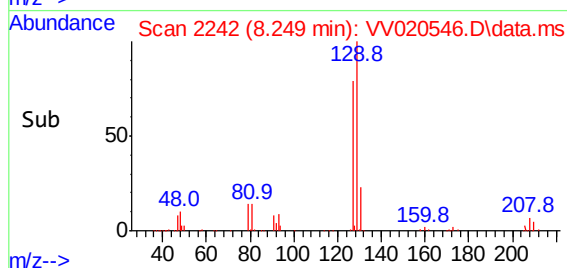
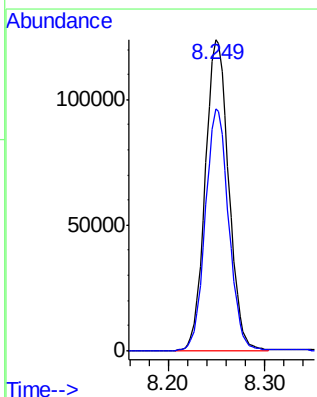
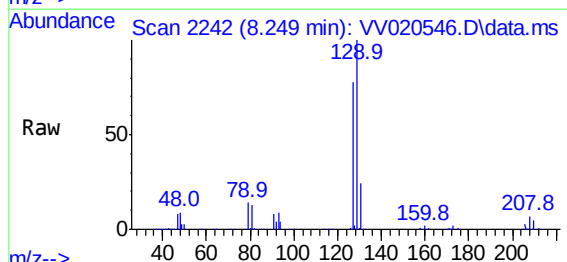
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

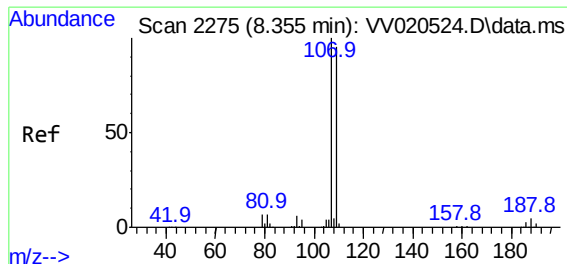
Tgt Ion: 43 Resp: 327262
Ion Ratio Lower Upper
43 100
58 64.1 41.8 62.6#
57 22.2 15.0 22.4
100 17.9 8.9 13.3#



#49
Dibromochloromethane
Concen: 50.17 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 129 Resp: 208712
Ion Ratio Lower Upper
129 100
127 77.6 55.2 102.6

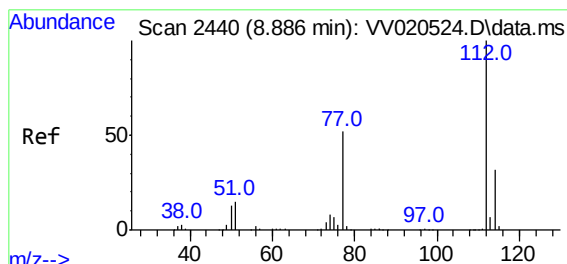
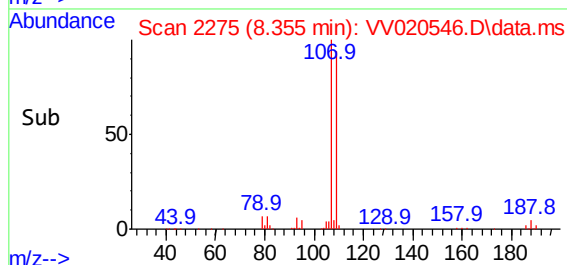
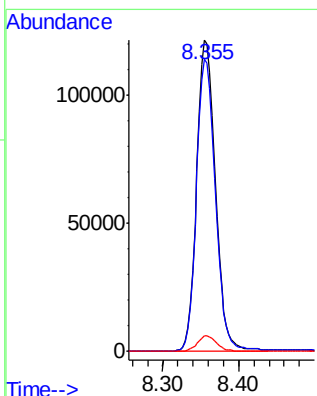
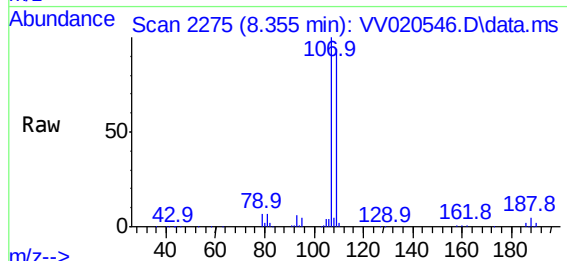




#50
1,2-Dibromoethane
Concen: 50.61 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

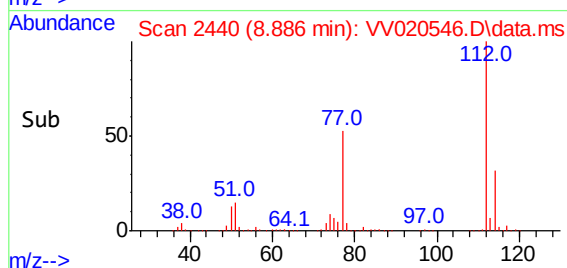
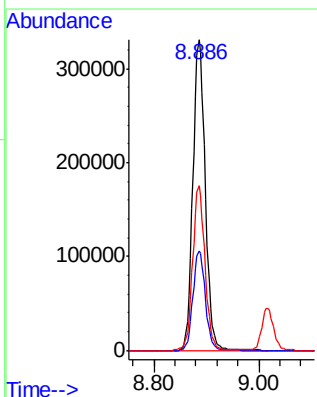
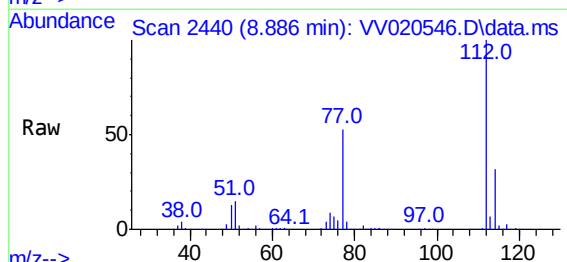
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

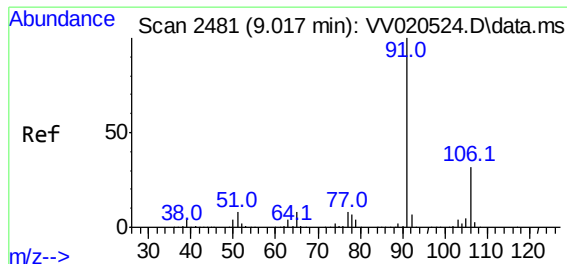
Tgt Ion:107 Resp: 207101
Ion Ratio Lower Upper
107 100
109 93.7 66.2 123.0
188 4.7 2.6 3.8#



#51
Chlorobenzene
Concen: 49.04 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion:112 Resp: 538599
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 53.2 49.0 73.6

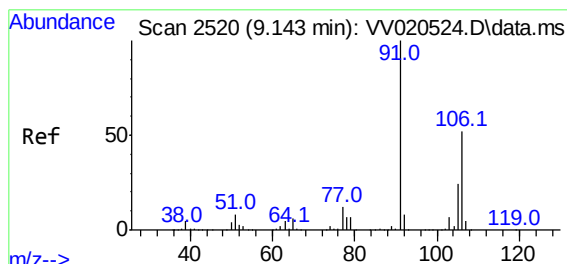
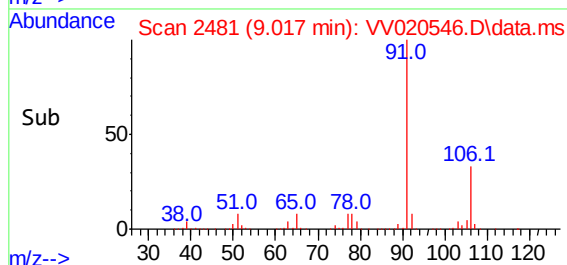
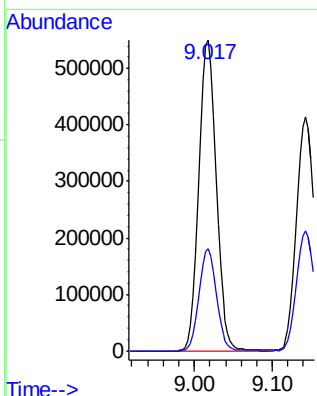
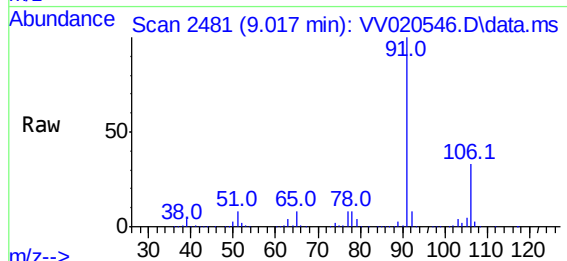




#52
Ethylbenzene
Concen: 49.54 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

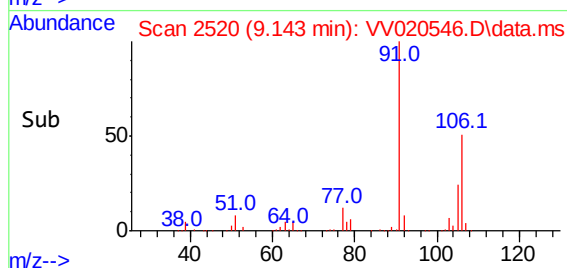
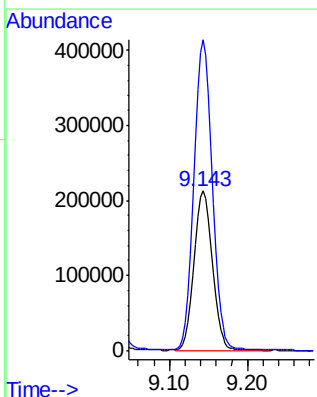
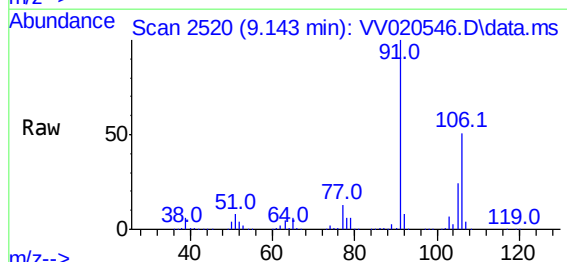
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

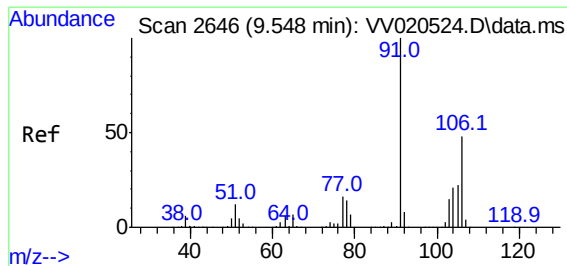
Tgt Ion: 91 Resp: 849603
Ion Ratio Lower Upper
91 100
106 32.9 21.0 39.0



#53
m,p-Xylene
Concen: 51.21 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 106 Resp: 342780
Ion Ratio Lower Upper
106 100
91 194.8 148.1 275.0

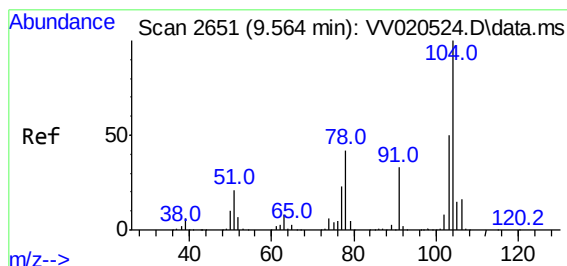
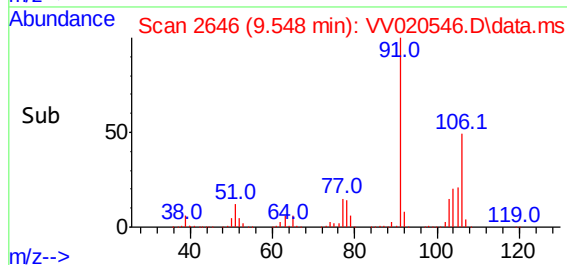
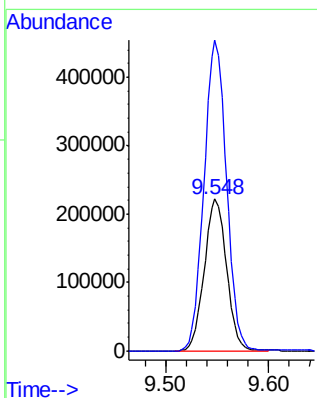
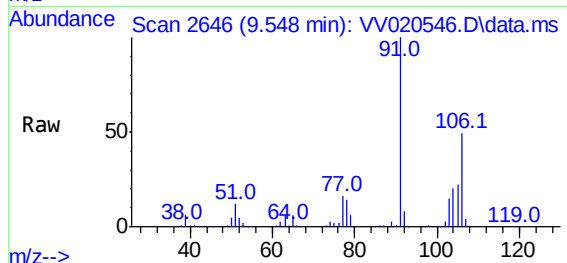




#54
o-xylene
Concen: 51.55 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

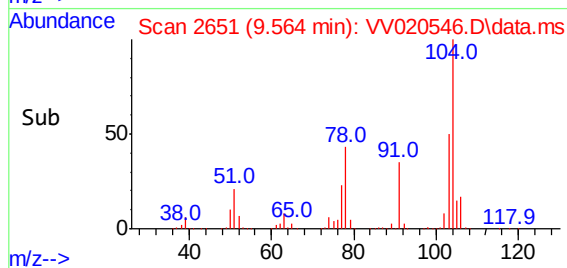
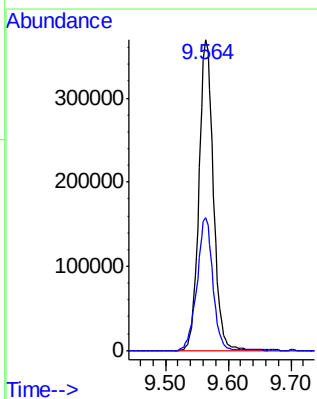
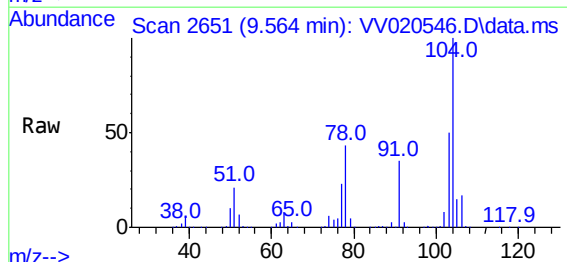
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

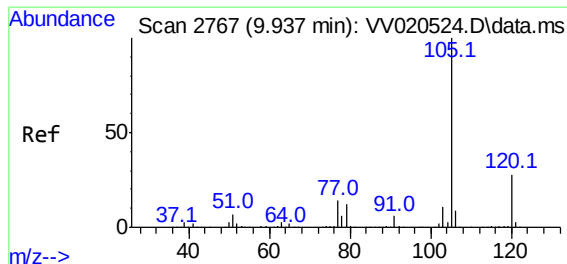
Tgt Ion:106 Resp: 332151
Ion Ratio Lower Upper
106 100
91 204.6 156.4 290.6



#55
Styrene
Concen: 52.62 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion:104 Resp: 583897
Ion Ratio Lower Upper
104 100
78 42.8 33.7 62.5

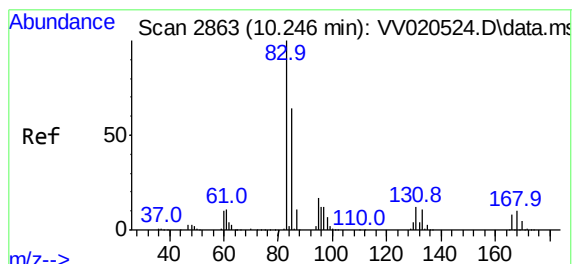
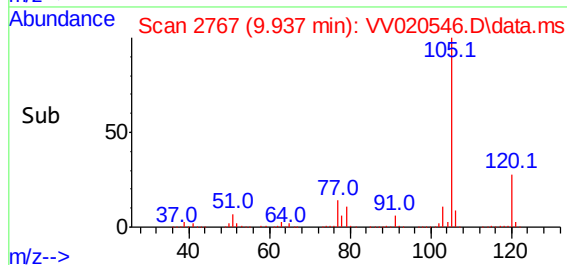
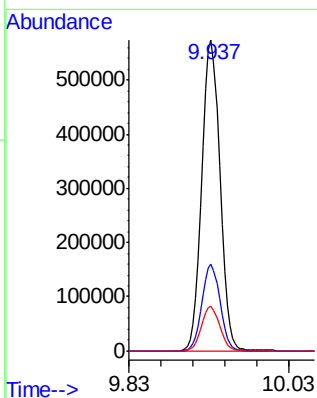
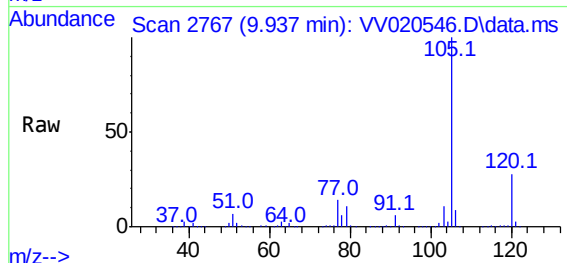




#56
Isopropylbenzene
Concen: 51.03 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

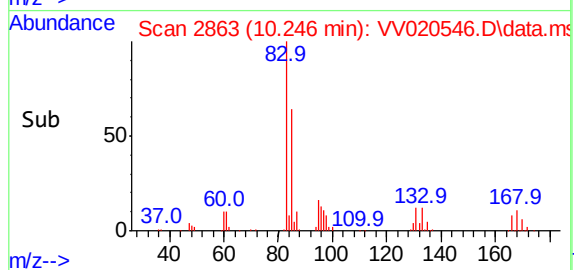
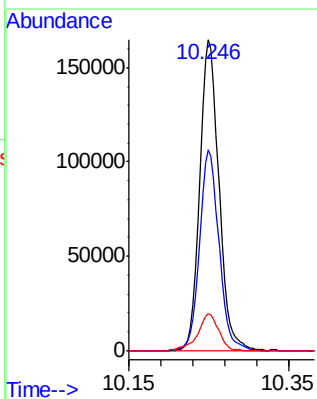
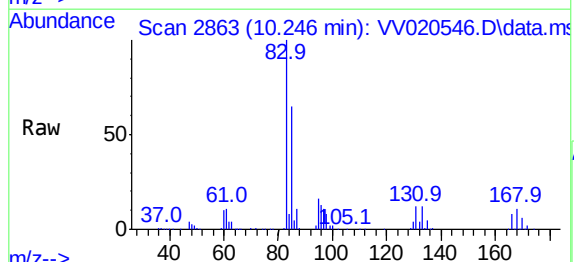
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

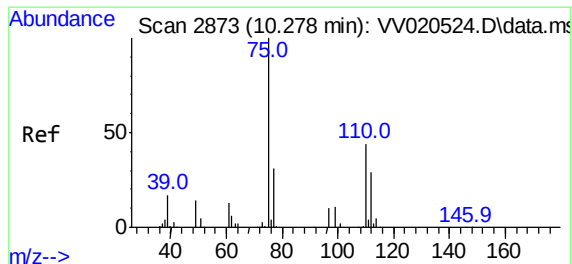
Tgt Ion:105 Resp: 869047
Ion Ratio Lower Upper
105 100
120 27.6 20.5 30.7
77 14.2 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 51.05 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 83 Resp: 265228
Ion Ratio Lower Upper
83 100
85 64.5 44.3 82.3
131 11.8 7.3 10.9#

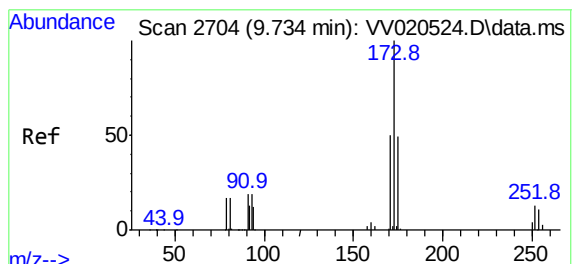
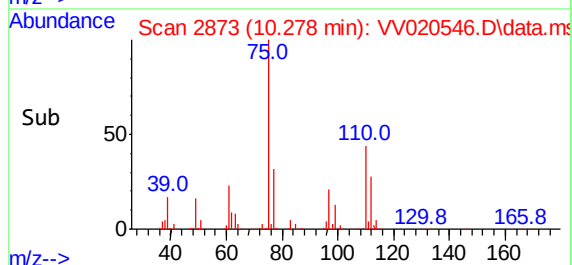
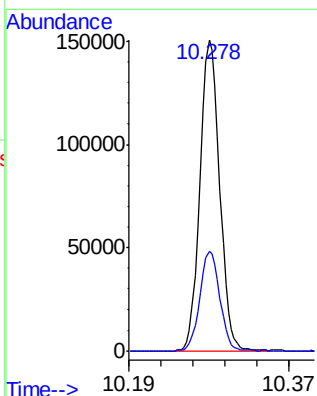
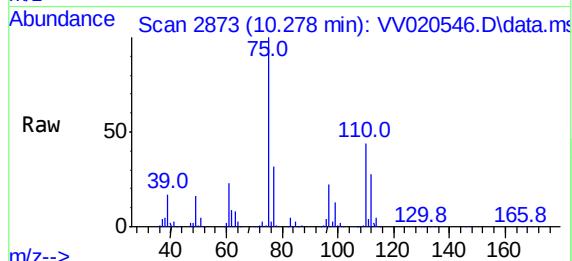




#59
1,2,3-Trichloropropane
Concen: 49.45 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

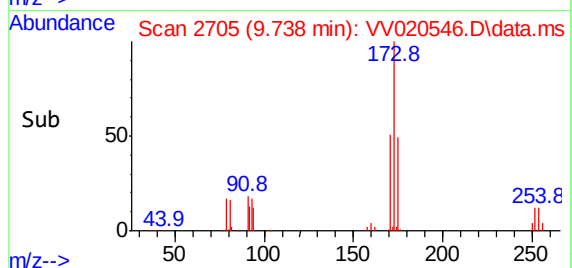
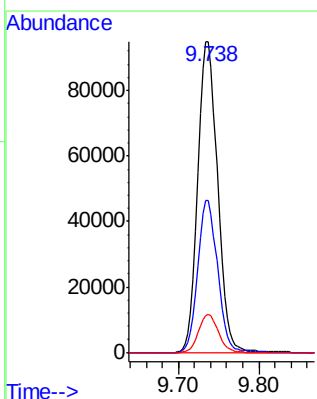
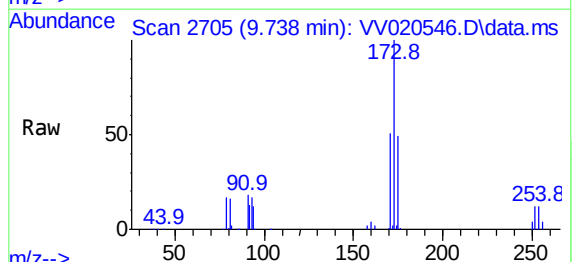
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

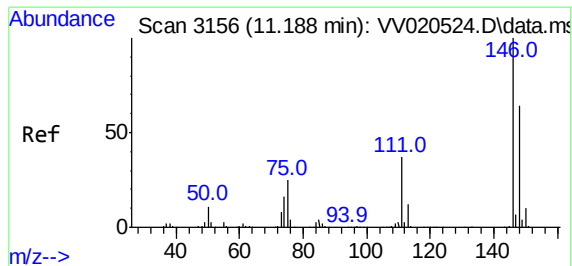
Tgt Ion: 75 Resp: 234889
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0



#61
Bromoform
Concen: 50.13 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion:173 Resp: 158306
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 12.0 6.5 9.7#

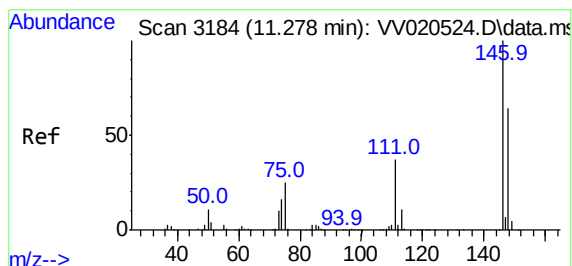
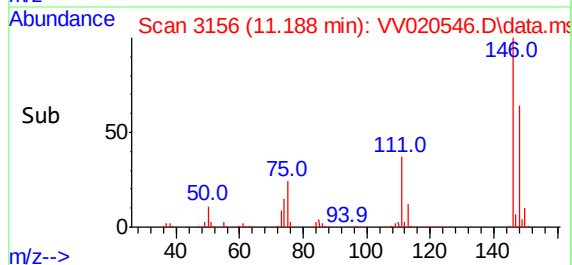
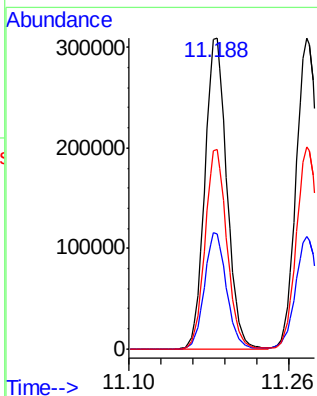
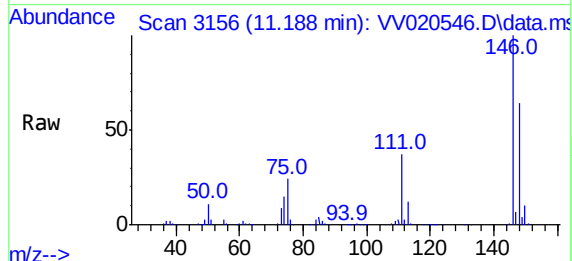




#62
1,3-Dichlorobenzene
Concen: 49.85 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

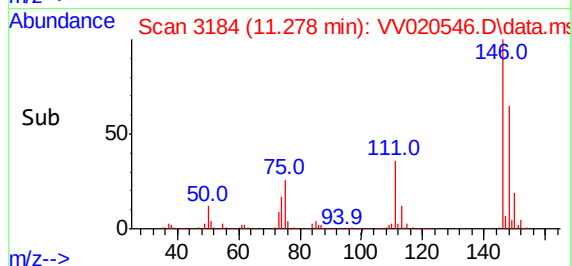
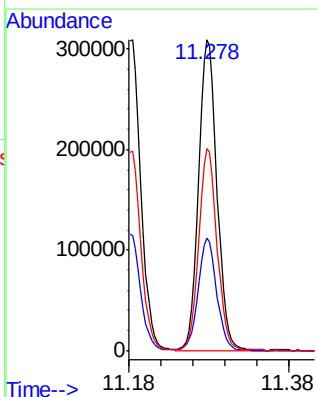
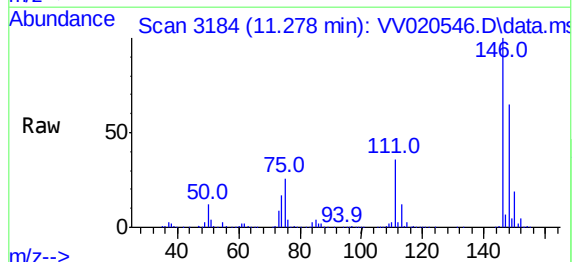
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

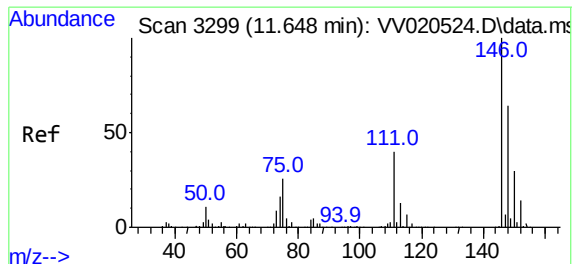
Tgt Ion:146 Resp: 472014
Ion Ratio Lower Upper
146 100
111 36.9 30.2 56.2
148 64.2 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 48.61 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion:146 Resp: 480962
Ion Ratio Lower Upper
146 100
111 36.1 29.4 54.6
148 65.2 44.7 83.1

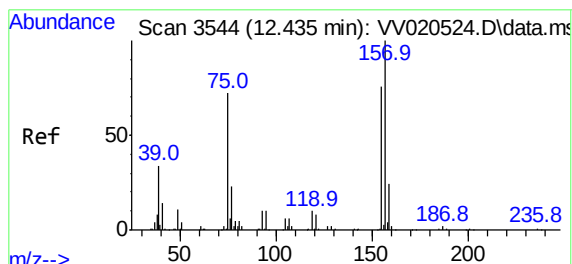
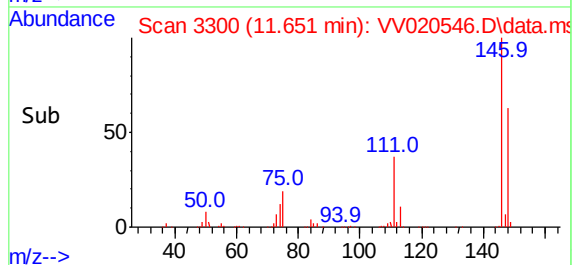
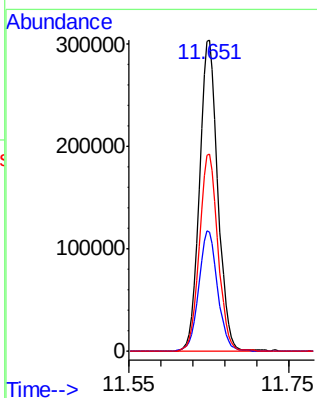
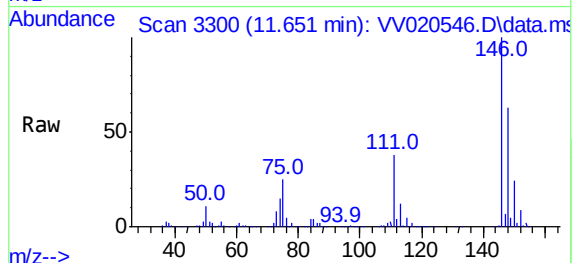




#65
1,2-Dichlorobenzene
Concen: 49.32 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

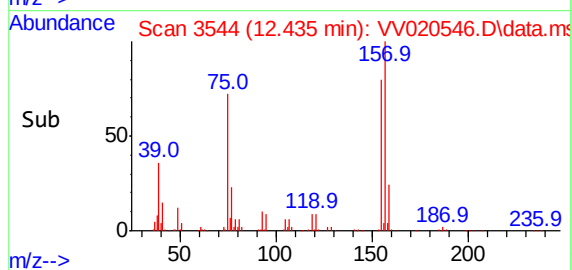
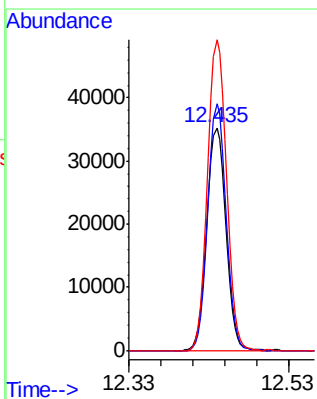
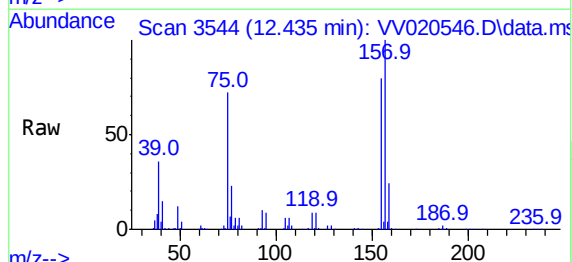
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

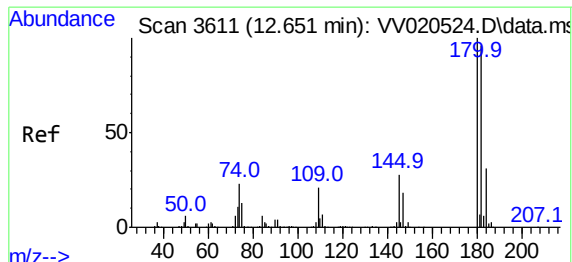
Tgt Ion:146 Resp: 472619
Ion Ratio Lower Upper
146 100
111 38.2 36.3 54.5
148 63.5 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 48.72 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion: 75 Resp: 56048
Ion Ratio Lower Upper
75 100
155 110.8 59.1 88.7#
157 139.3 75.4 113.0#

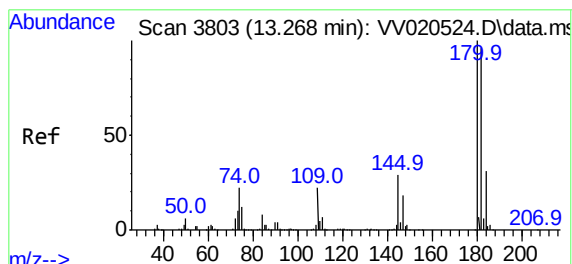
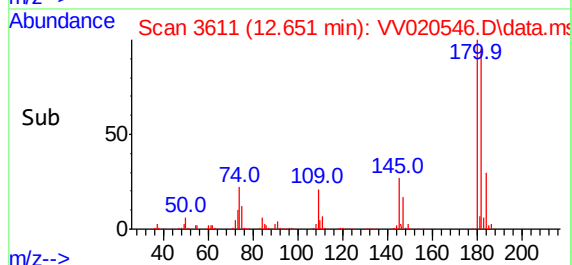
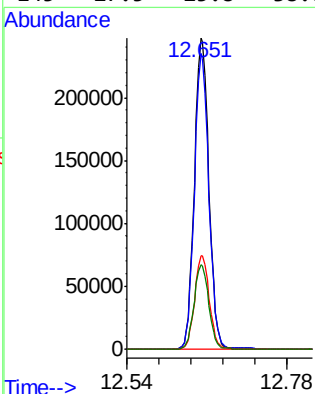
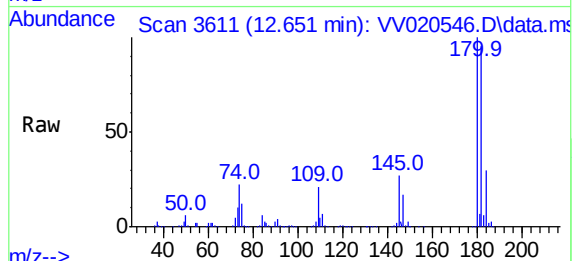




#67
1,3,5-Trichlorobenzene
Concen: 50.55 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

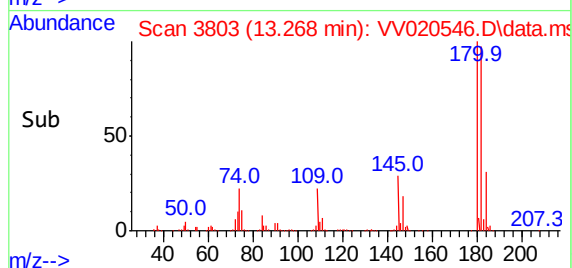
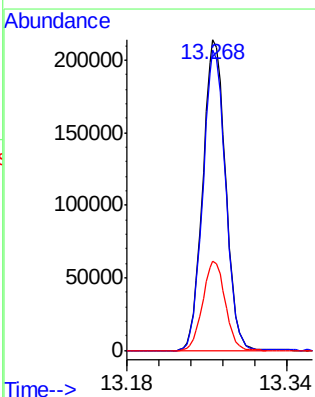
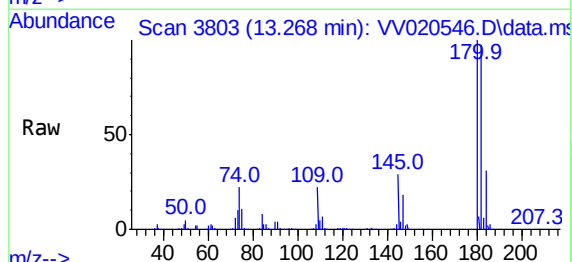
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

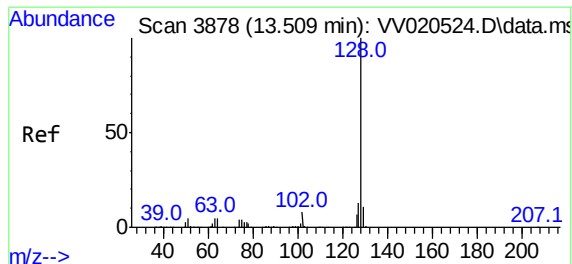
Tgt Ion:180 Resp: 373664
Ion Ratio Lower Upper
180 100
182 94.8 75.0 112.6
184 30.1 24.0 36.0
145 27.5 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 51.26 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion:180 Resp: 326169
Ion Ratio Lower Upper
180 100
182 96.3 75.1 112.7
145 28.3 26.8 40.2

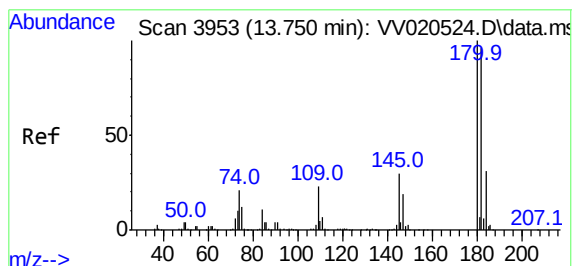
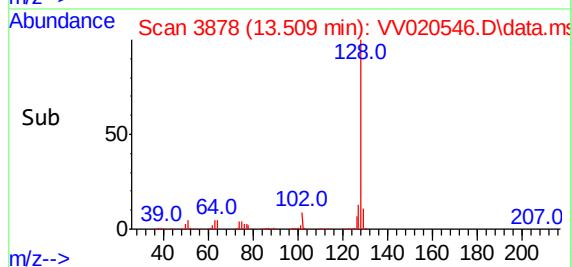
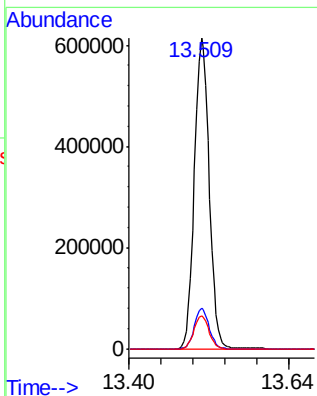
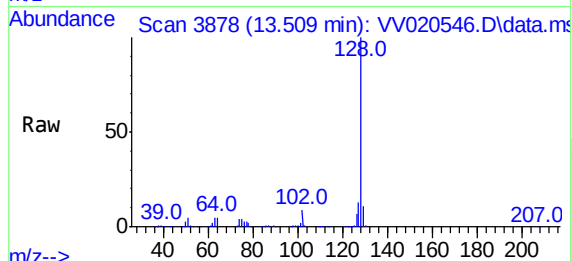




#69
Naphthalene
Concen: 54.73 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

Tgt Ion:128 Resp: 931927
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 52.06 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020546.D
Acq: 11 Mar 2021 18:50

Tgt Ion:180 Resp: 336115
Ion Ratio Lower Upper
180 100
182 96.2 76.1 114.1
145 30.2 27.9 41.9

