

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020398.D
 Acq On : 24 Feb 2021 15:57
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100166

Quant Time: Feb 24 17:33:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:31:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	595444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	582398	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	334748	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	296397	78.55	ug/L	0.00
7) Chloroethane-d5	1.568	69	261329	86.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	607372	96.75	ug/L	0.00
21) 2-Butanone-d5	3.889	46	476020	190.99	ug/L	0.00
24) Chloroform-d	4.352	84	684662	95.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	432278	94.83	ug/L	0.00
32) Benzene-d6	5.053	84	1310053	92.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	413846	90.30	ug/L	0.00
41) Toluene-d8	7.320	98	1274745	94.24	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	210434	94.49	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	381668	198.53	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	611679	95.39	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	595705	96.68	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	482026	111.76	ug/L	99
3) Chloromethane	1.240	50	419620	90.35	ug/L	100
5) Vinyl chloride	1.310	62	459943	107.41	ug/L	99
6) Bromomethane	1.523	94	299759	121.99	ug/L	99
8) Chloroethane	1.584	64	275272	104.75	ug/L	97
9) Trichlorofluoromethane	1.751	101	682452	109.39	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	369461	111.41	ug/L	94
12) 1,1-Dichloroethene	2.118	96	348115	111.58	ug/L	100
13) Acetone	2.182	43	318959	196.82	ug/L	99
14) Carbon disulfide	2.294	76	928963	104.30	ug/L	100
15) Methyl Acetate	2.433	43	354916	99.39	ug/L	99
16) Methylene chloride	2.507	84	386761	103.97	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	367640	105.89	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	1137457	104.61	ug/L	98
19) 1,1-Dichloroethane	3.191	63	661706	103.16	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	415811	106.87	ug/L	91
22) 2-Butanone	3.970	43	507164	199.71	ug/L	95
23) Bromochloromethane	4.249	128	224952	105.34	ug/L	91
25) Chloroform	4.378	83	726470	104.15	ug/L	99
27) 1,2-Dichloroethane	5.133	62	539534	99.79	ug/L	100
29) Cyclohexane	4.680	56	546102	95.34	ug/L	95
30) 1,1,1-Trichloroethane	4.613	97	634105	98.83	ug/L	97
31) Carbon tetrachloride	4.831	117	549358	98.74	ug/L	100
33) Benzene	5.101	78	1512048	99.31	ug/L	100
34) Trichloroethene	5.918	95	424817	99.17	ug/L	96
35) Methylcyclohexane	6.137	83	599461	96.88	ug/L	96
37) 1,2-Dichloropropane	6.178	63	389545	95.45	ug/L	100
38) Bromodichloromethane	6.513	83	535530	97.00	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	620481	101.37	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	1008457	184.66	ug/L	94
42) Toluene	7.391	91	1691497	102.41	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	625613	105.82	ug/L	100

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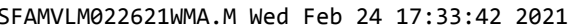
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100166

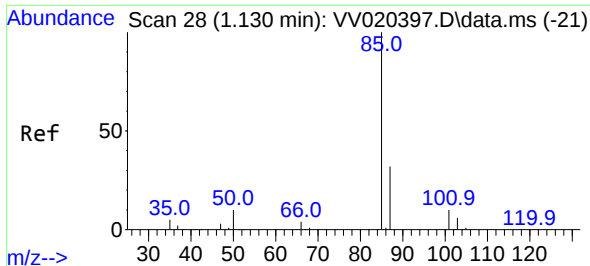
Quant Time: Feb 24 17:33:30 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	404794	102.47	ug/L	99
46) Tetrachloroethene	7.979	164	348378	99.87	ug/L	99
48) 2-Hexanone	8.143	43	780853	199.49	ug/L	95
49) Dibromochloromethane	8.249	129	467098	106.66	ug/L	98
50) 1,2-Dibromoethane	8.355	107	438729	104.50	ug/L	100
51) Chlorobenzene	8.886	112	1138470	103.65	ug/L	97
52) Ethylbenzene	9.018	91	1896040	104.67	ug/L	98
53) m,p-Xylene	9.143	106	734682	106.08	ug/L	98
54) o-Xylene	9.548	106	727703	106.49	ug/L	96
55) Styrene	9.564	104	1287477	109.17	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	627295	98.15	ug/L	99
59) Bromoform	9.735	173	349956	96.85	ug/L	99
60) Isopropylbenzene	9.937	105	1954010	101.60	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	524071	97.71	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1652840	101.27	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	1716297	106.58	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	994732	102.38	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	1013418	101.28	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	995323	101.68	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	144670	95.64	ug/L	97
69) 1,3,5-Trichlorobenzene	12.651	180	790165	97.59	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	719605	97.35	ug/L	100
71) Naphthalene	13.509	128	2207888	105.80	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	727469	98.48	ug/L	100

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

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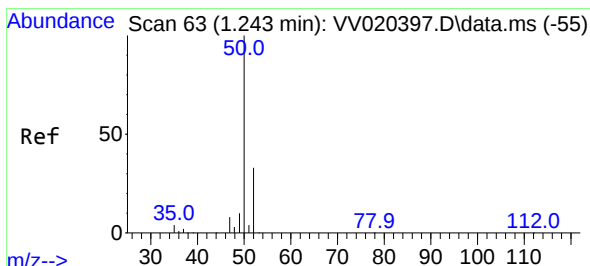
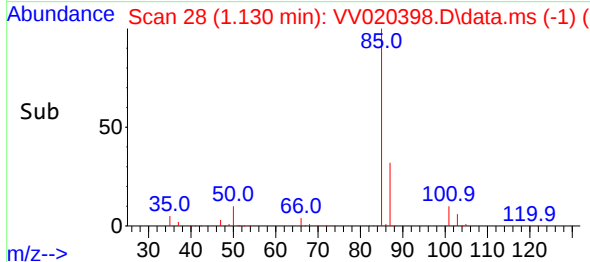
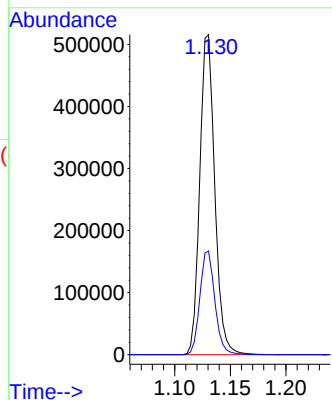
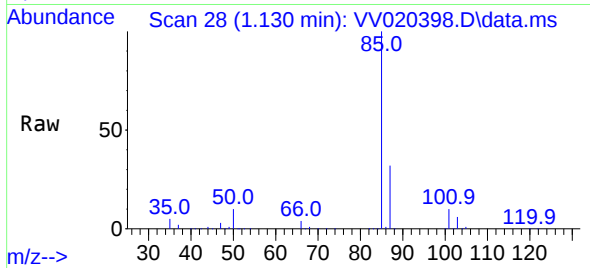




#2
Dichlorodifluoromethane
Concen: 111.76 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

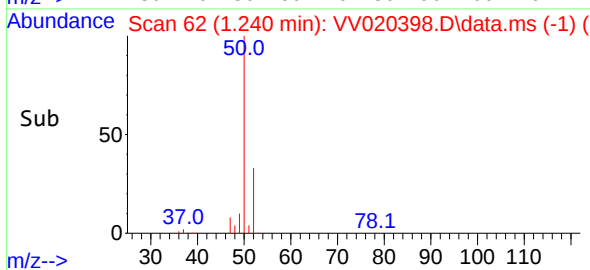
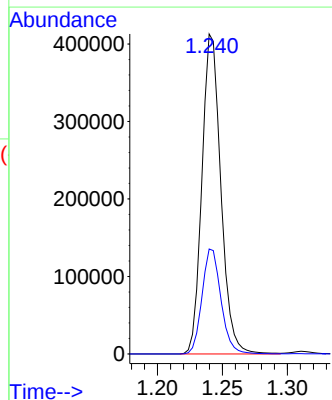
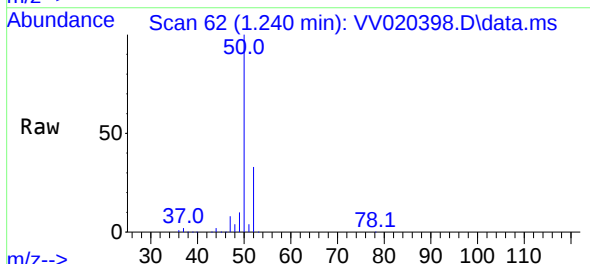
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

Tgt Ion: 85 Resp: 482026
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.2

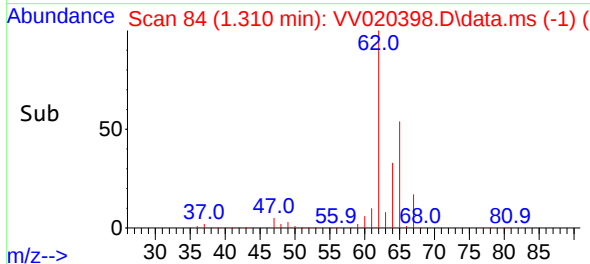
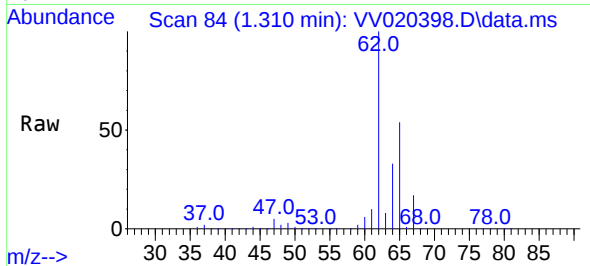
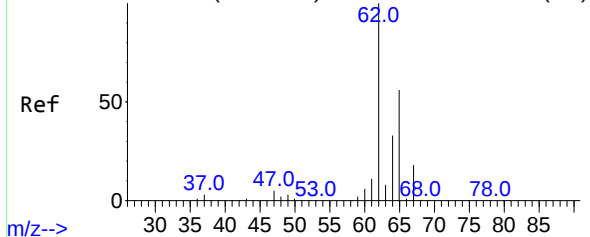


#3
Chloromethane
Concen: 90.35 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 50 Resp: 419620
Ion Ratio Lower Upper
50 100
52 32.8 22.9 42.5

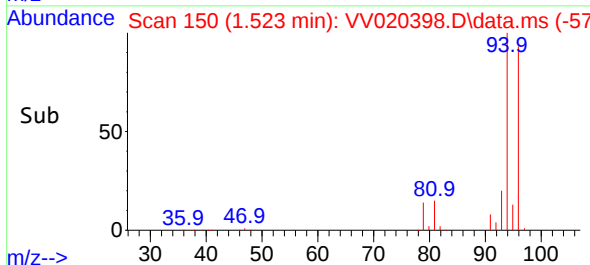
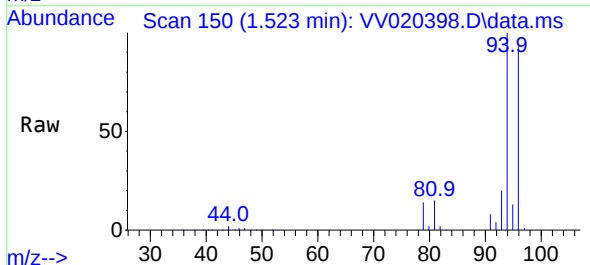
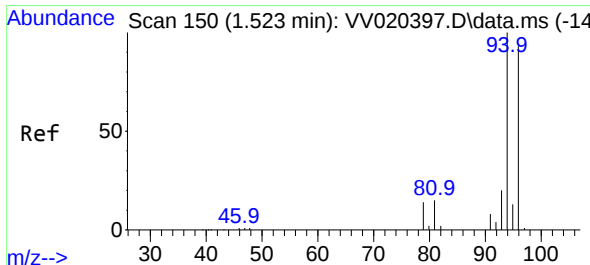
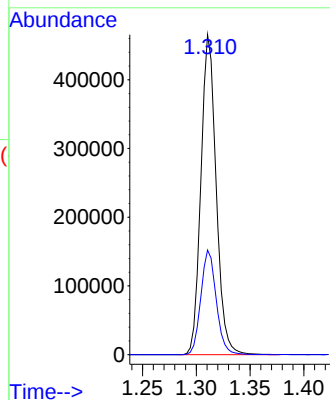


Abundance Scan 84 (1.310 min): VV020397.D\data.ms (-76)



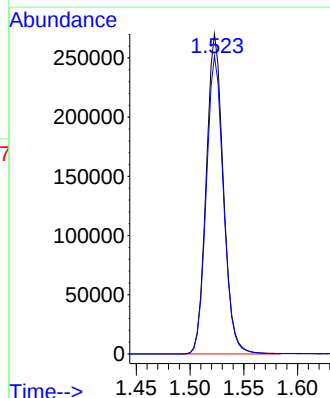
#5
Vinyl chloride
Concen: 107.41 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

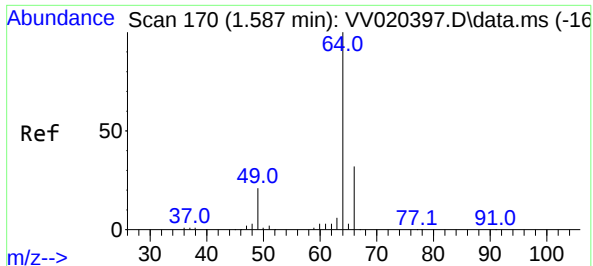
Tgt Ion: 62 Resp: 459943
Ion Ratio Lower Upper
62 100
64 32.7 23.1 42.9



#6
Bromomethane
Concen: 121.99 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 94 Resp: 299759
Ion Ratio Lower Upper
94 100
96 93.1 65.9 122.5

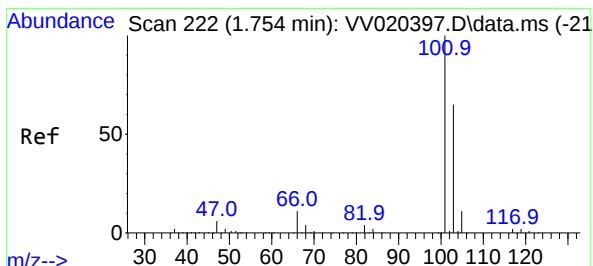
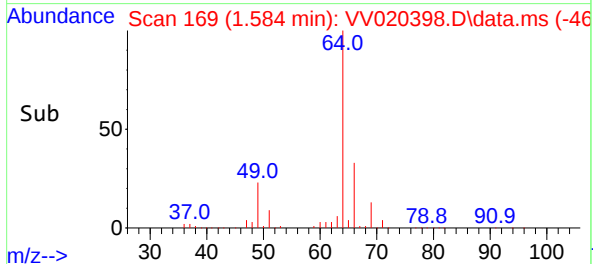
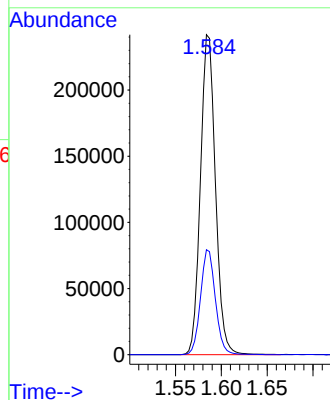
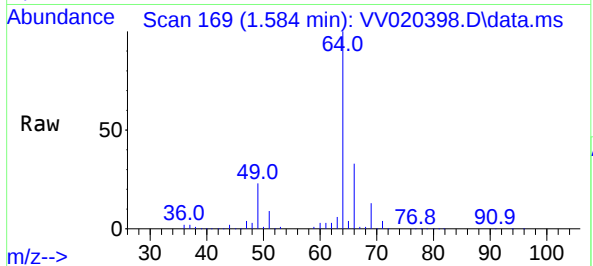




#8
Chloroethane
Concen: 104.75 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

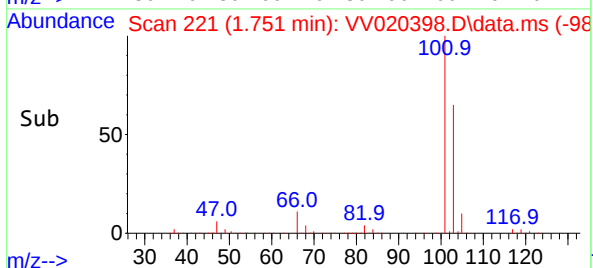
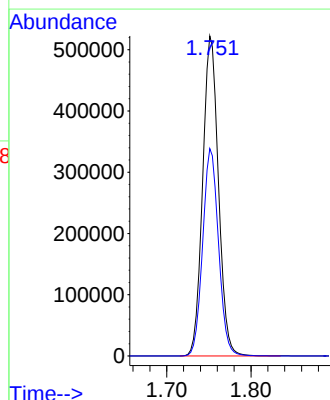
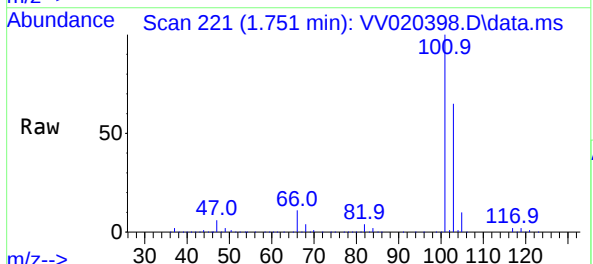
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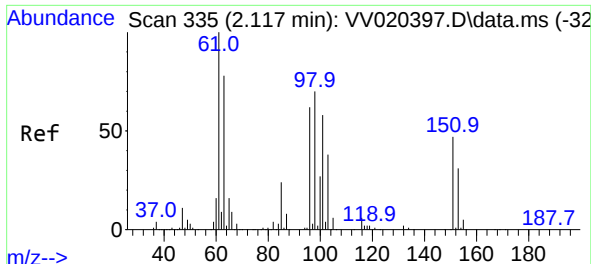
Tgt Ion: 64 Resp: 275272
Ion Ratio Lower Upper
64 100
66 32.8 21.8 40.4



#9
Trichlorofluoromethane
Concen: 109.39 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion:101 Resp: 682452
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

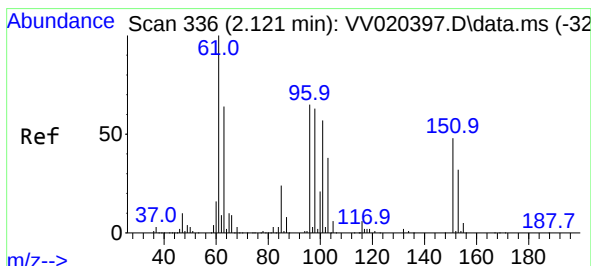
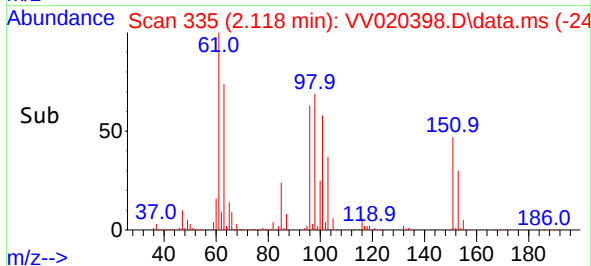
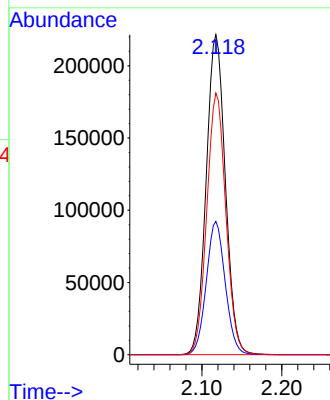
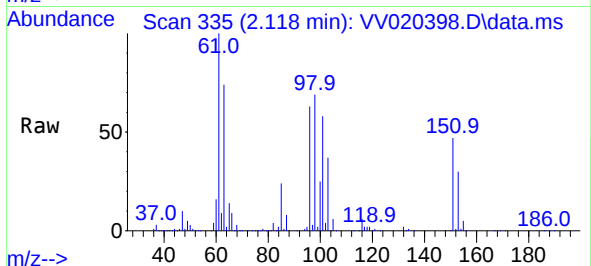




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 111.41 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

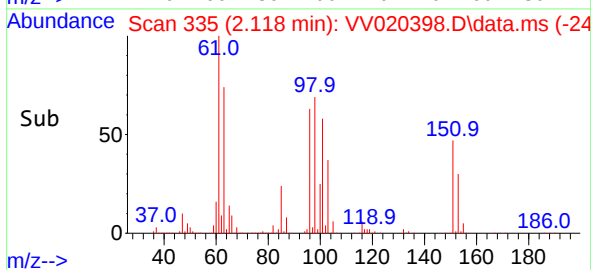
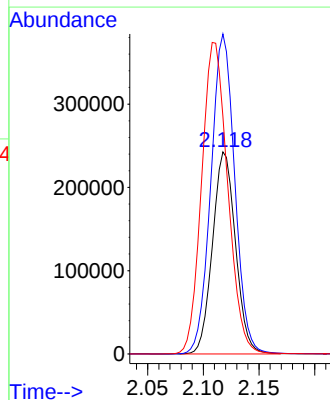
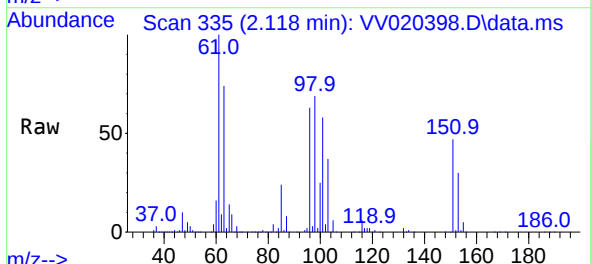
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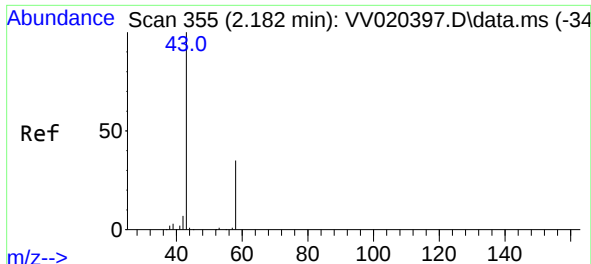
Tgt Ion:101 Resp: 369461
Ion Ratio Lower Upper
101 100
85 41.3 32.4 48.6
151 81.5 71.0 106.6



#12
1,1-Dichloroethene
Concen: 111.58 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 96 Resp: 348115
Ion Ratio Lower Upper
96 100
61 158.3 110.9 206.1
63 117.5 82.1 152.5

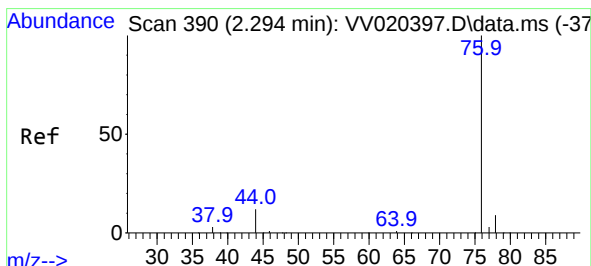
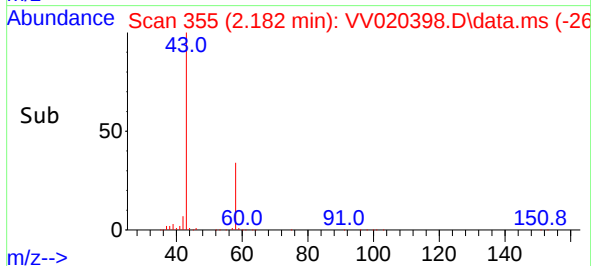
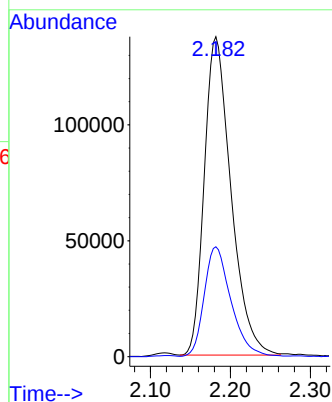
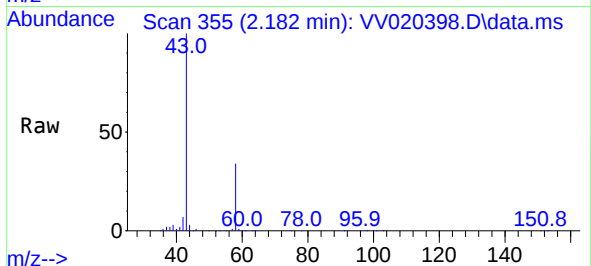




#13
Acetone
Concen: 196.82 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

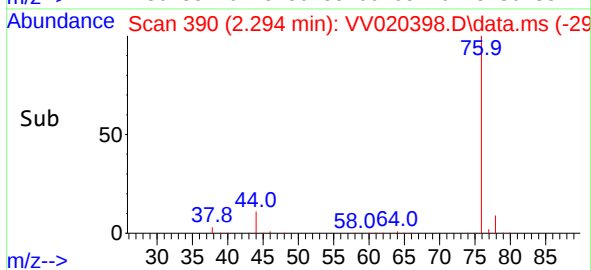
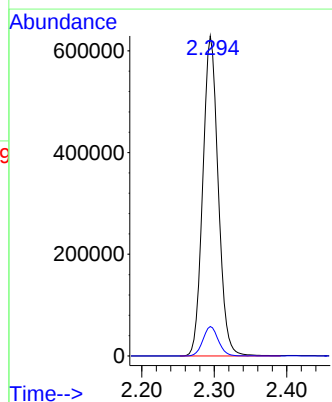
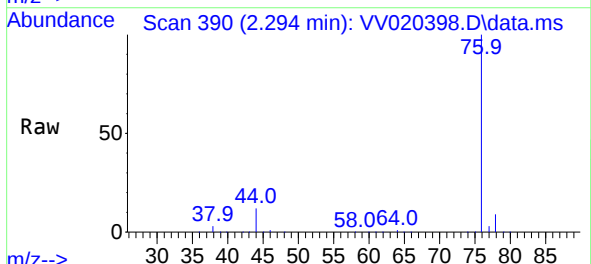
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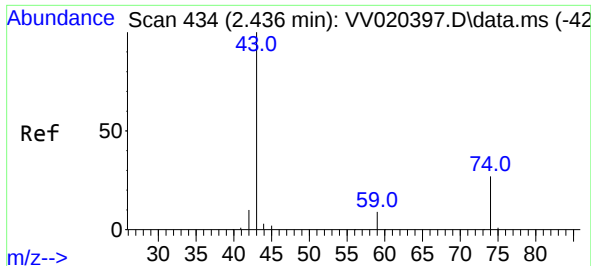
Tgt Ion: 43 Resp: 318959
Ion Ratio Lower Upper
43 100
58 34.5 0.0 68.0



#14
Carbon disulfide
Concen: 104.30 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 76 Resp: 928963
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

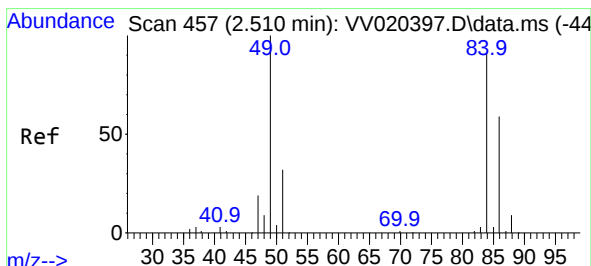
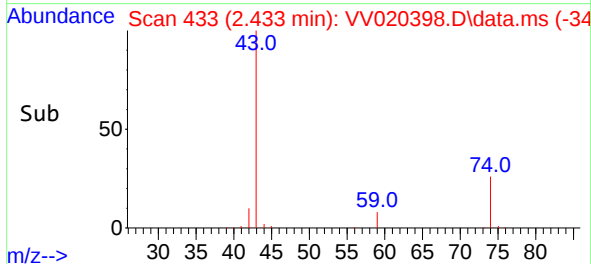
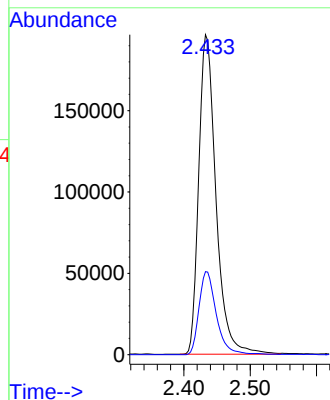
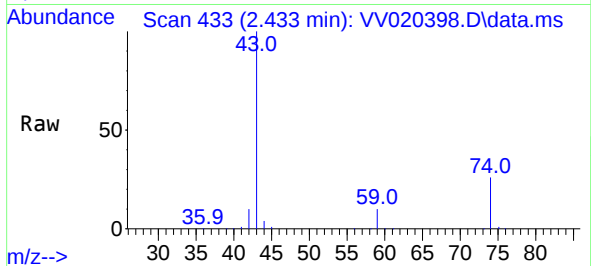




#15
Methyl Acetate
Concen: 99.39 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

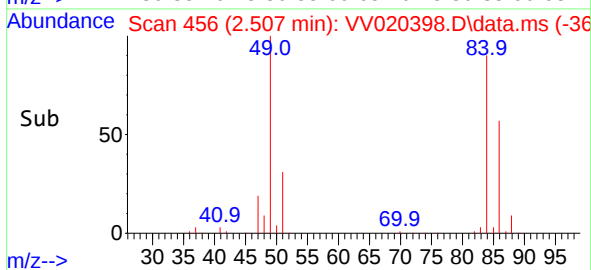
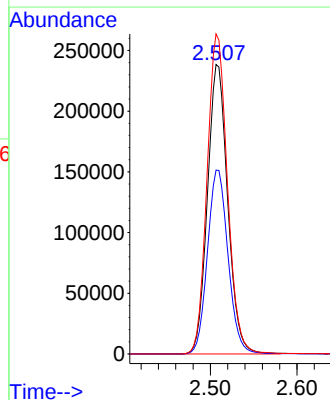
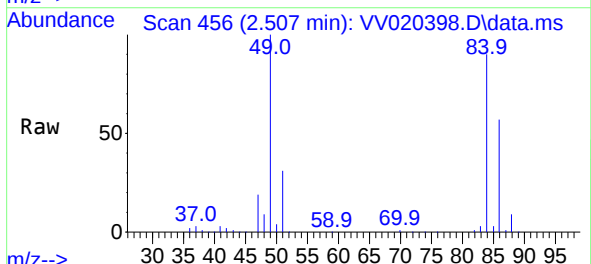
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

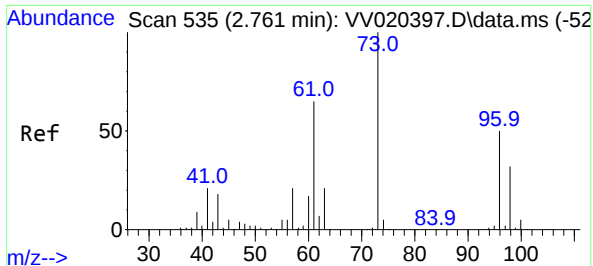
Tgt Ion: 43 Resp: 354916
Ion Ratio Lower Upper
43 100
74 26.0 20.6 30.8



#16
Methylene chloride
Concen: 103.97 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 84 Resp: 386761
Ion Ratio Lower Upper
84 100
86 63.5 44.8 83.2
49 110.6 78.5 145.7

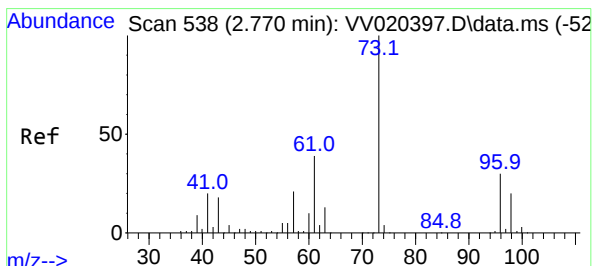
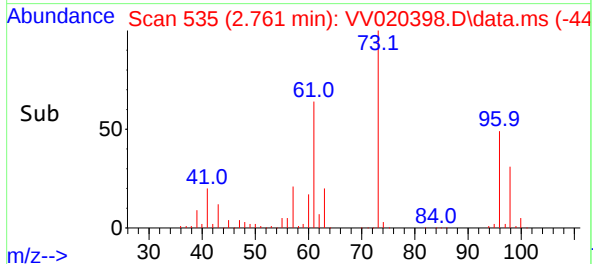
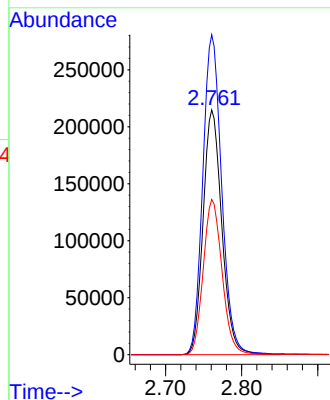
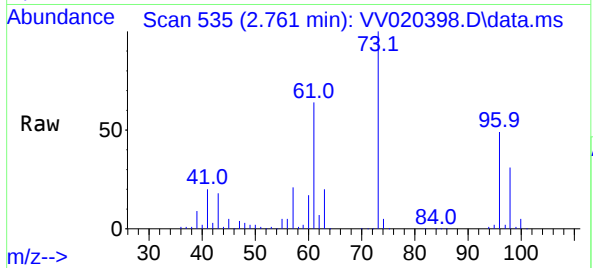




#17
trans-1,2-Dichloroethene
Concen: 105.89 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

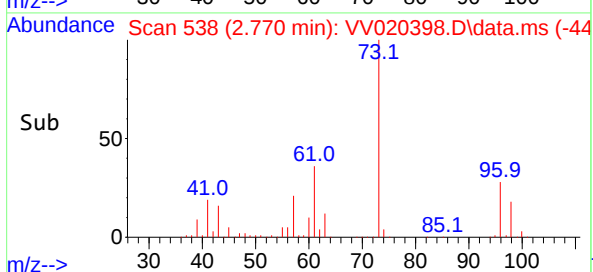
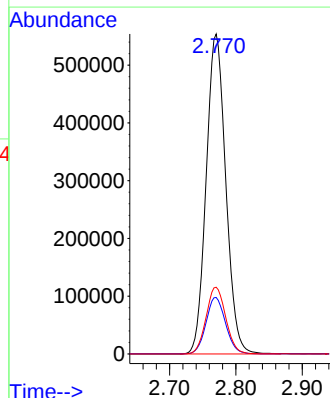
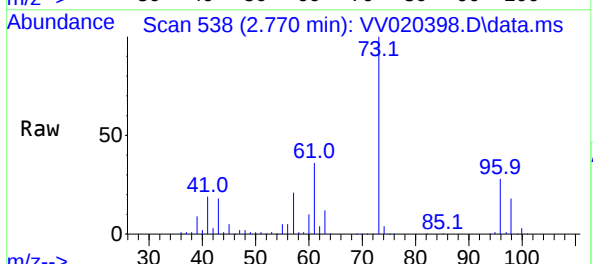
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

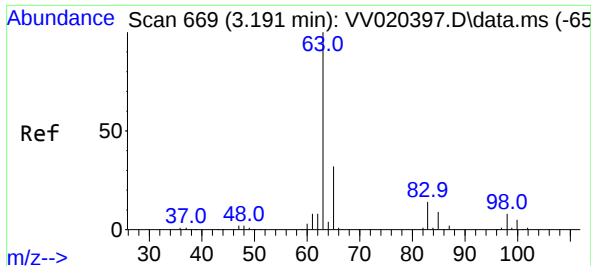
Tgt Ion: 96 Resp: 367640
Ion Ratio Lower Upper
96 100
61 130.8 92.0 170.9
98 63.4 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 104.61 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 73 Resp: 1137457
Ion Ratio Lower Upper
73 100
43 17.6 15.0 22.6
57 21.0 17.2 25.8





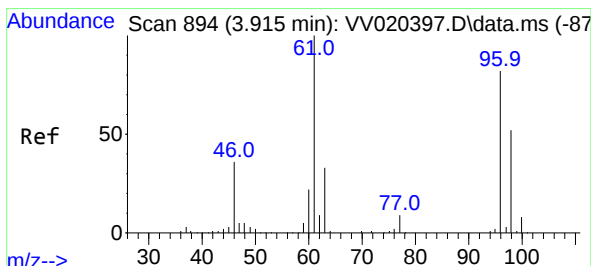
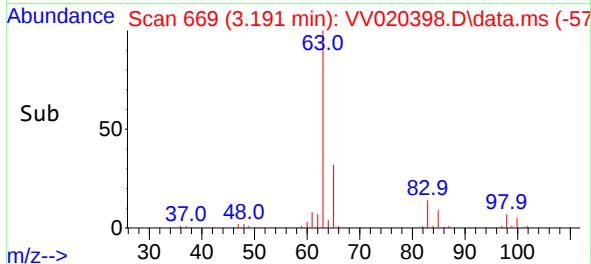
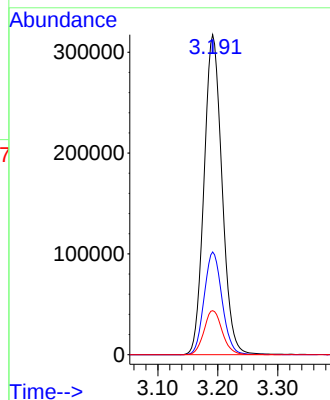
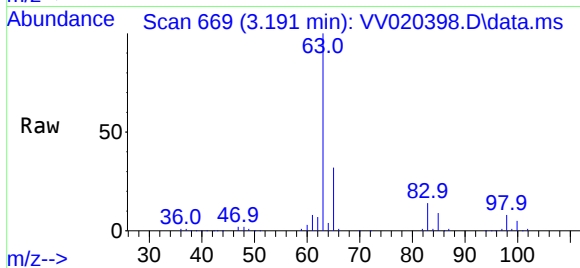
#19

1,1-Dichloroethane
Concen: 103.16 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

Tgt Ion: 63 Resp: 661706

Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.8	40.4
83	13.7	9.4	17.4

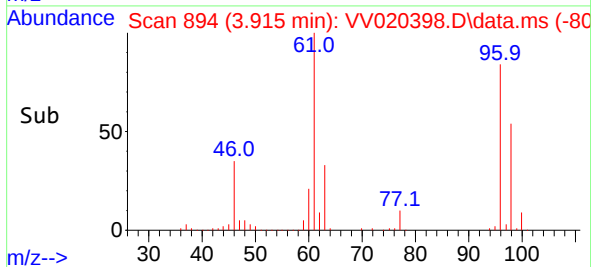
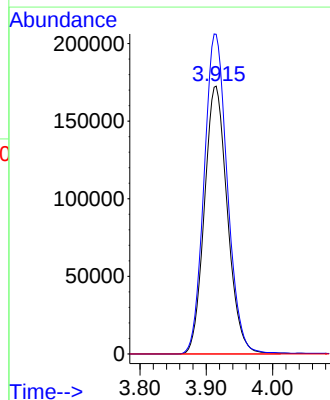
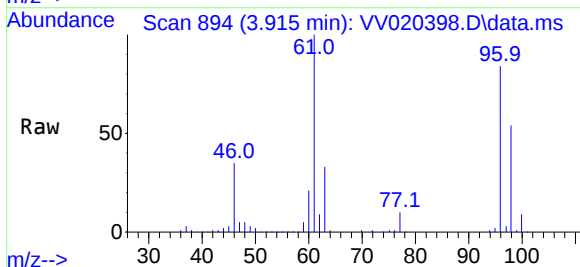


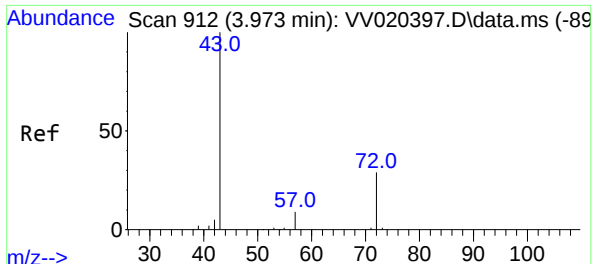
#20

cis-1,2-Dichloroethene
Concen: 106.87 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 96 Resp: 415811

Ion	Ratio	Lower	Upper
96	100		
61	119.4	90.6	168.3
68	0.0	0.0	0.0

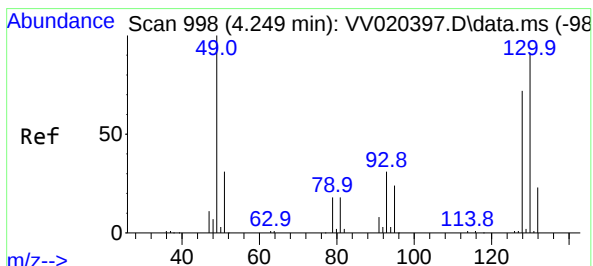
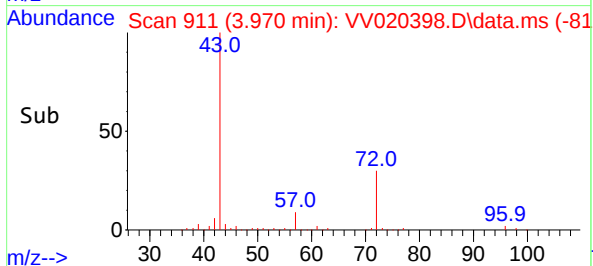
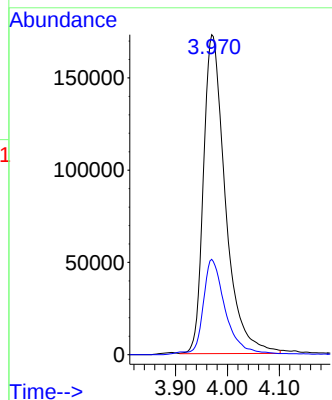
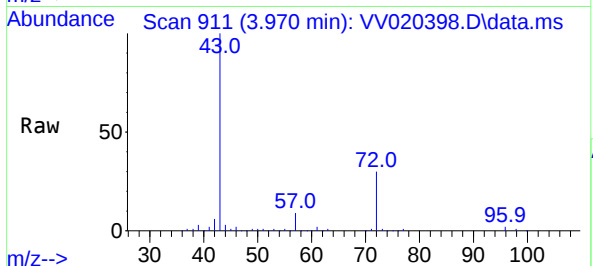




#22
2-Butanone
Concen: 199.71 ug/L
RT: 3.970 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

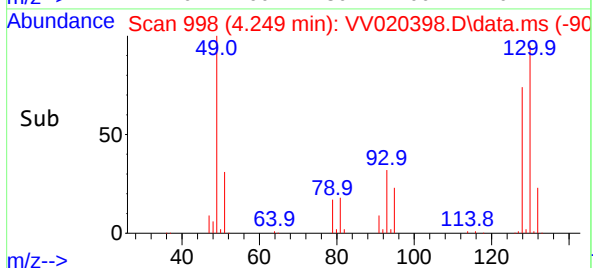
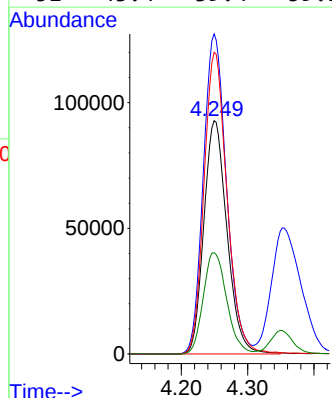
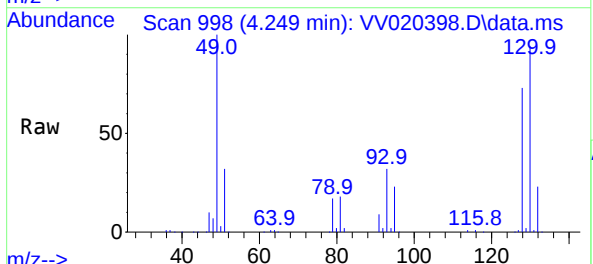
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

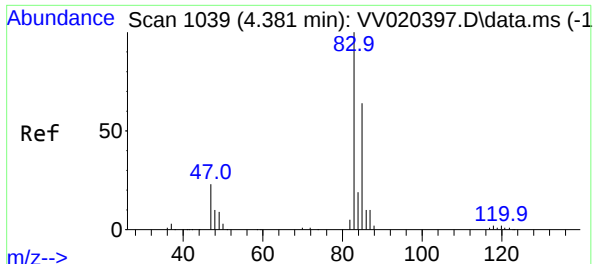
Tgt Ion: 43 Resp: 507164
Ion Ratio Lower Upper
43 100
72 28.1 12.7 38.1



#23
Bromochloromethane
Concen: 105.34 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion:128 Resp: 224952
Ion Ratio Lower Upper
128 100
49 137.2 109.8 203.8
130 129.3 92.8 172.4
51 43.4 39.4 59.2



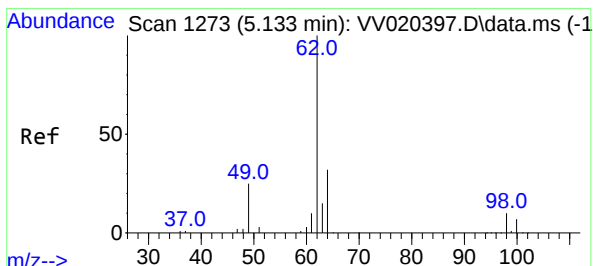
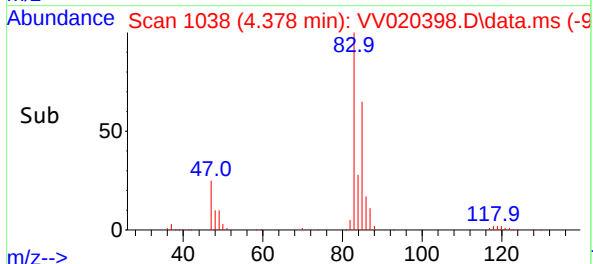
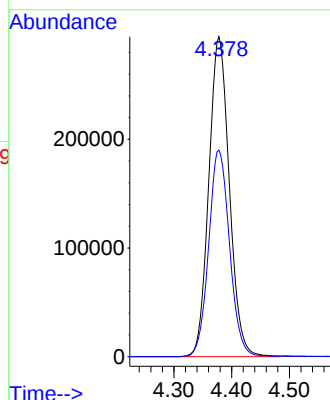
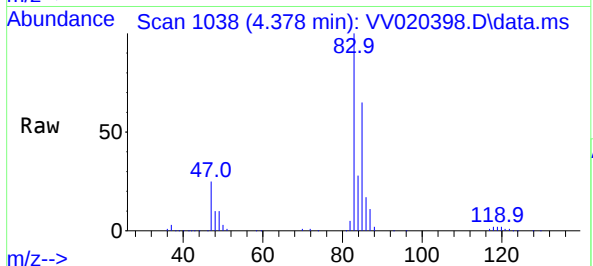


#25

Chloroform
Concen: 104.15 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

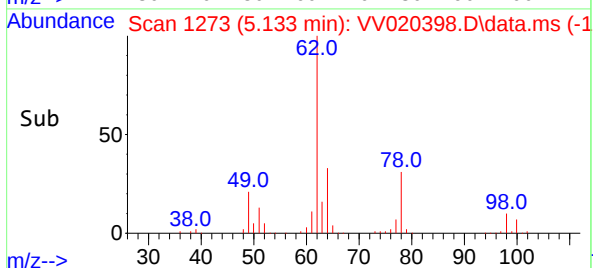
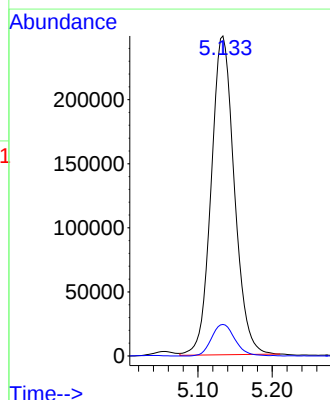
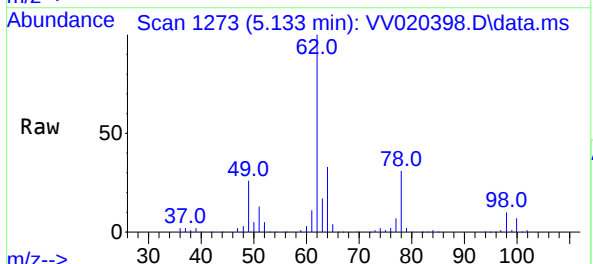
Tgt Ion: 83 Resp: 726470
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8

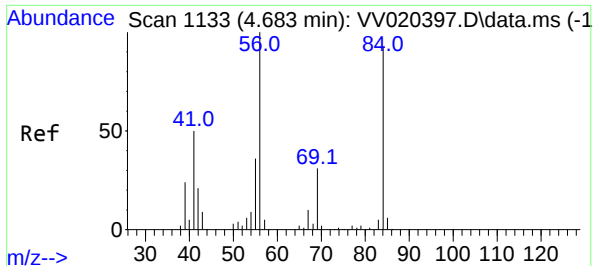


#27

1,2-Dichloroethane
Concen: 99.79 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 62 Resp: 539534
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6





#29

Cyclohexane

Concen: 95.34 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VV020398.D

Acq: 24 Feb 2021 15:57

Tgt Ion: 56 Resp: 546102

Ion Ratio Lower Upper

56 100

69 32.3 25.1 37.7

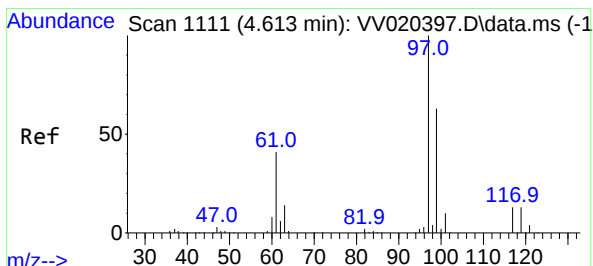
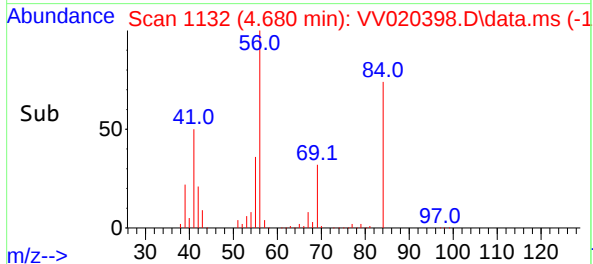
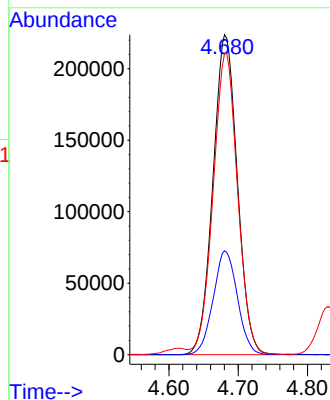
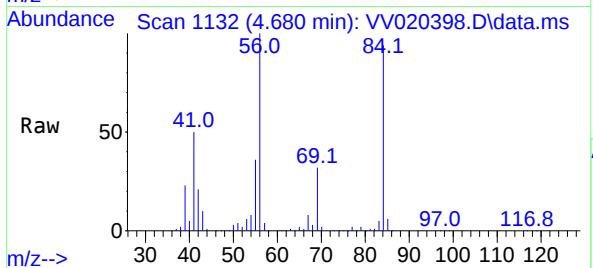
84 94.5 70.6 106.0

Instrument :

MSVOA_V

ClientSampleId :

VSTD100166



#30

1,1,1-Trichloroethane

Concen: 98.83 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VV020398.D

Acq: 24 Feb 2021 15:57

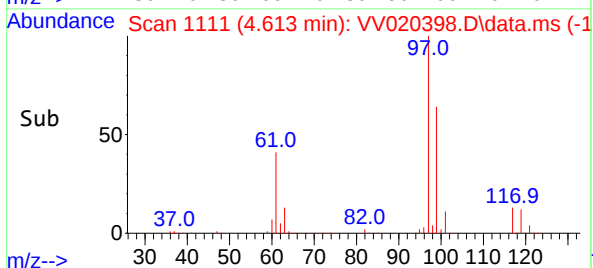
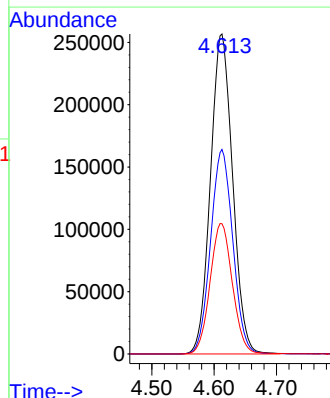
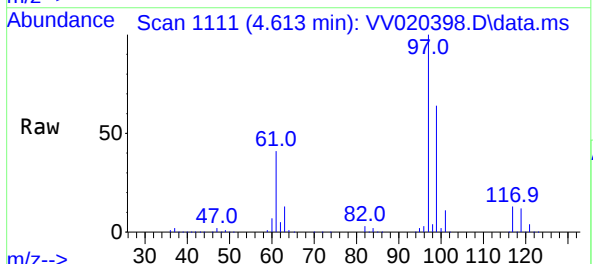
Tgt Ion: 97 Resp: 634105

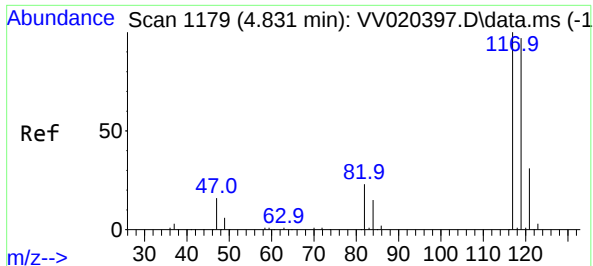
Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 41.1 35.4 53.2

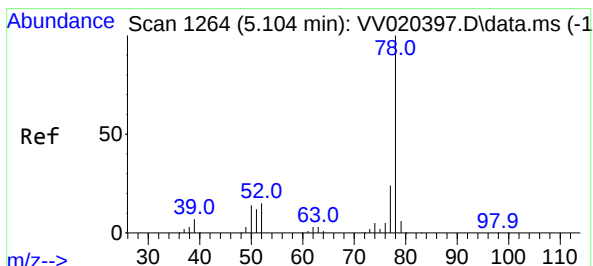
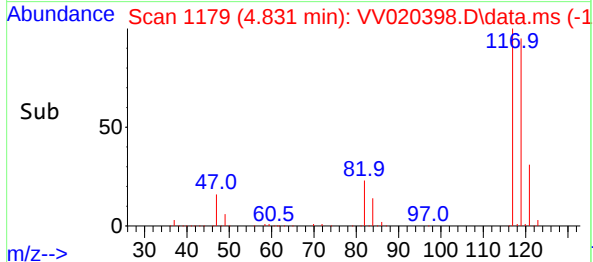
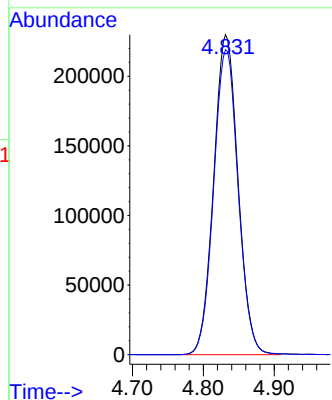
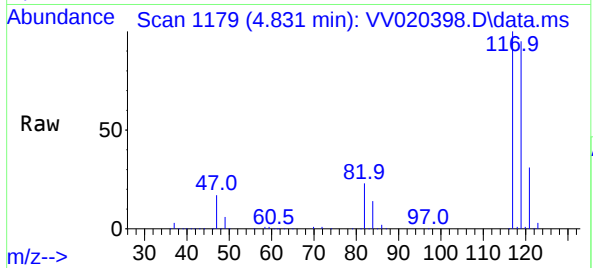




#31
Carbon tetrachloride
Concen: 98.74 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

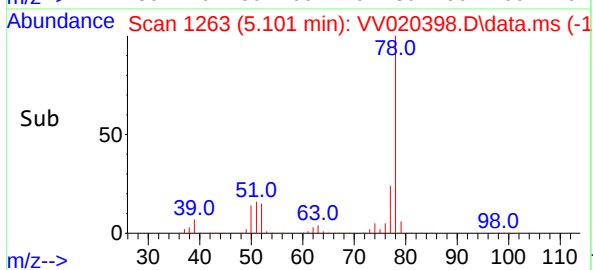
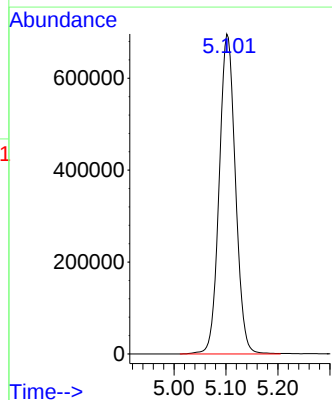
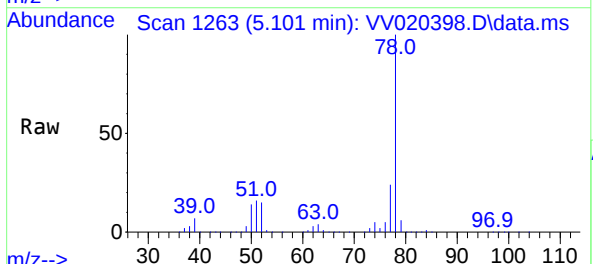
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

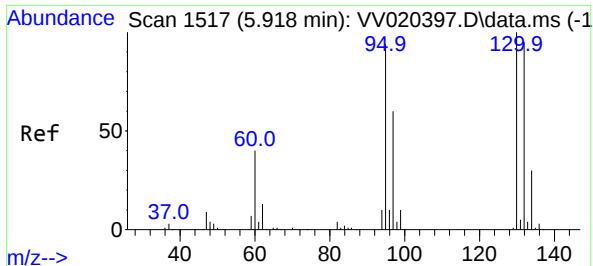
Tgt Ion:117 Resp: 549358
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3



#33
Benzene
Concen: 99.31 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 78 Resp: 1512048

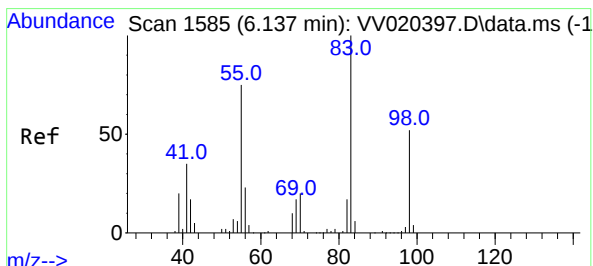
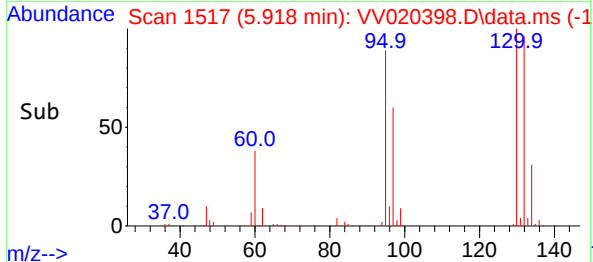
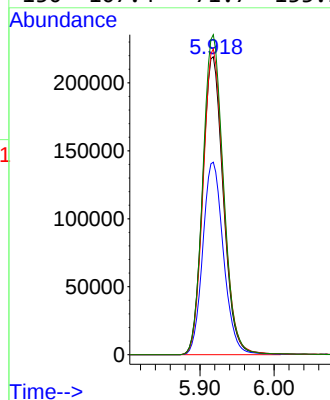
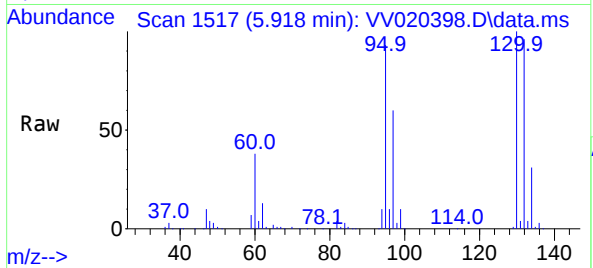




#34
Trichloroethene
Concen: 99.17 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

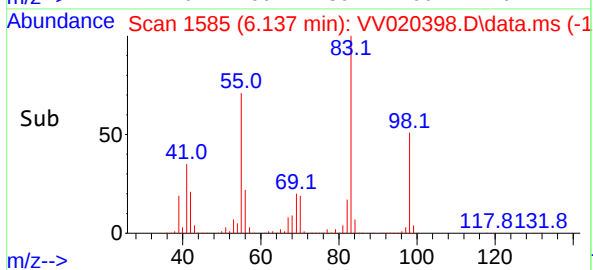
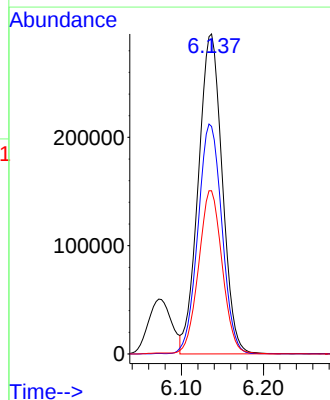
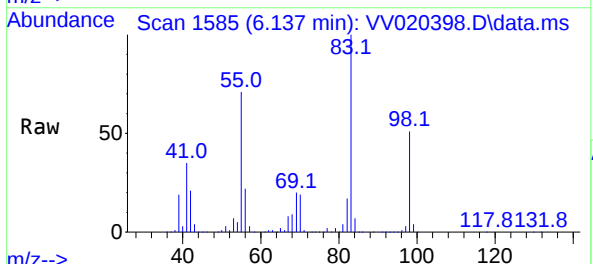
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

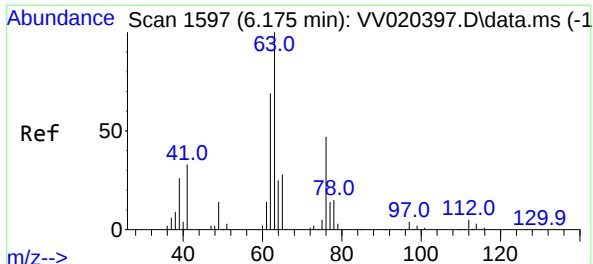
Tgt Ion: 95 Resp: 424817
Ion Ratio Lower Upper
95 100
97 64.6 45.4 84.4
132 102.6 68.7 127.7
130 107.4 71.7 133.1



#35
Methylcyclohexane
Concen: 96.88 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 83 Resp: 599461
Ion Ratio Lower Upper
83 100
55 72.0 61.4 92.0
98 50.4 39.9 59.9

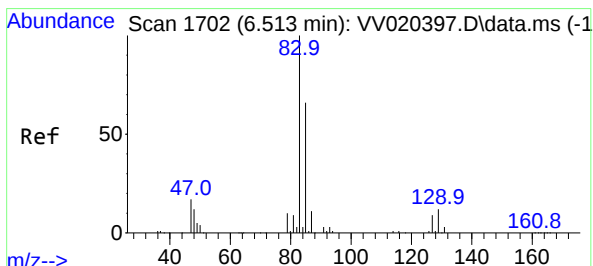
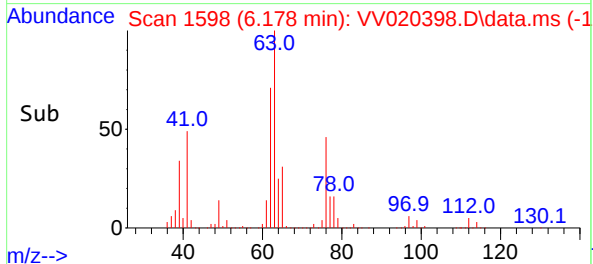
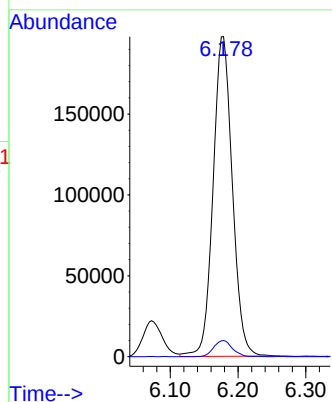
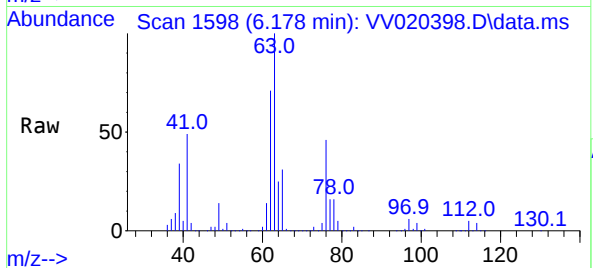




#37
1,2-Dichloropropane
Concen: 95.45 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

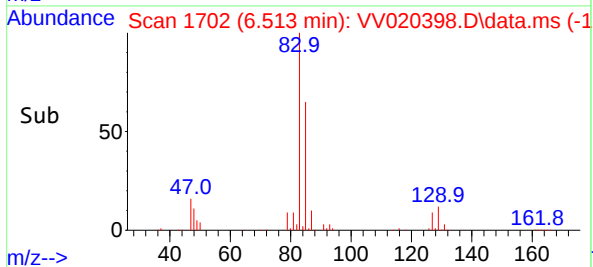
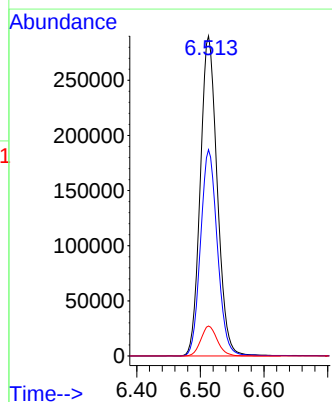
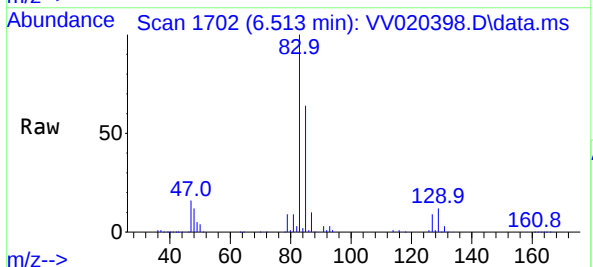
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

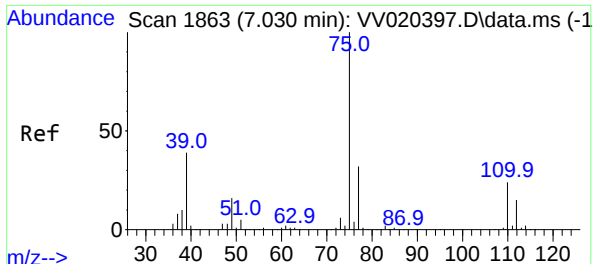
Tgt Ion: 63 Resp: 389545
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9



#38
Bromodichloromethane
Concen: 97.00 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 83 Resp: 535530
Ion Ratio Lower Upper
83 100
85 64.5 44.2 82.2
127 9.4 6.8 10.2

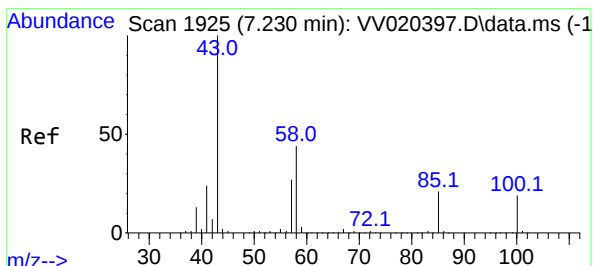
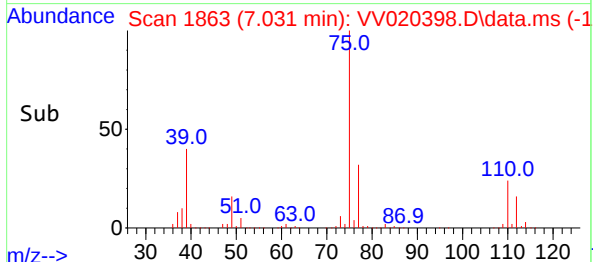
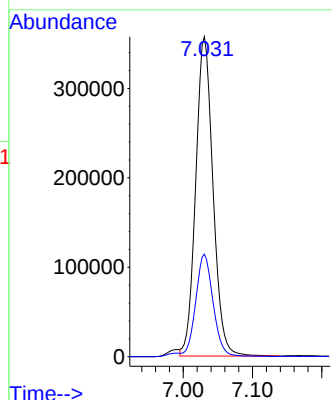
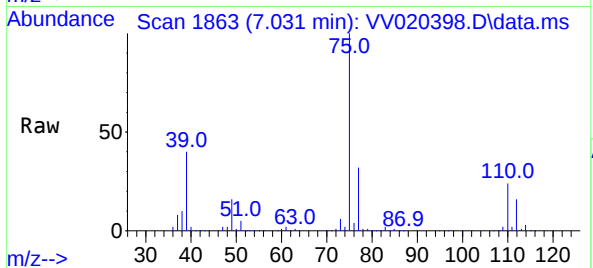




#39
cis-1,3-Dichloropropene
Concen: 101.37 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

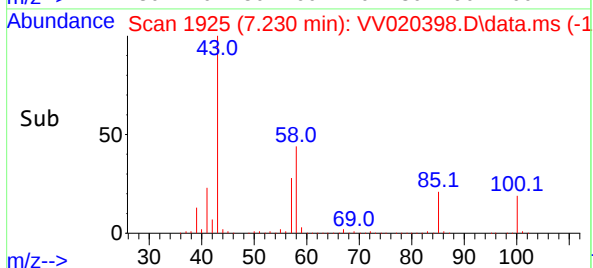
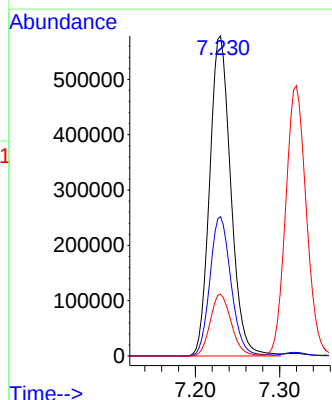
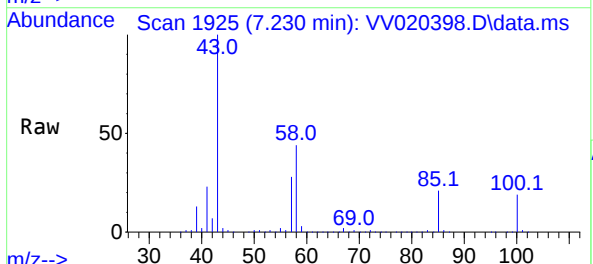
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

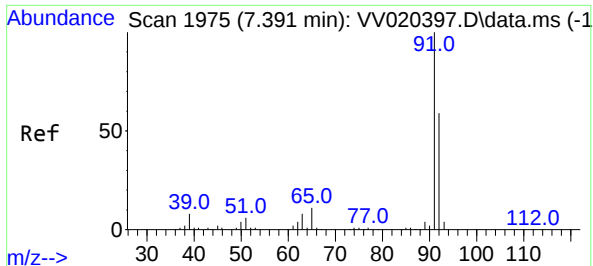
Tgt Ion: 75 Resp: 620481
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 184.66 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 43 Resp: 1008457
Ion Ratio Lower Upper
43 100
58 43.6 32.1 48.1
100 19.2 13.4 20.0





#42

Toluene

Concen: 102.41 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV020398.D

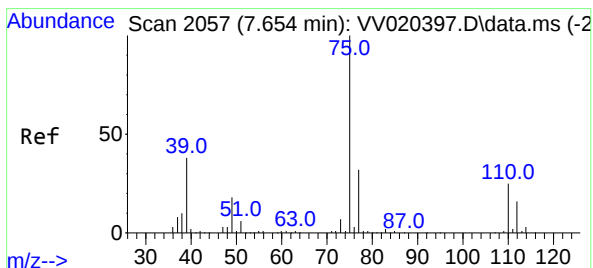
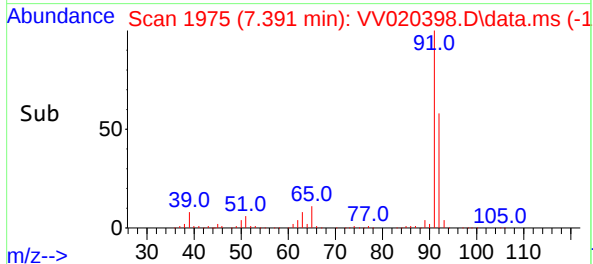
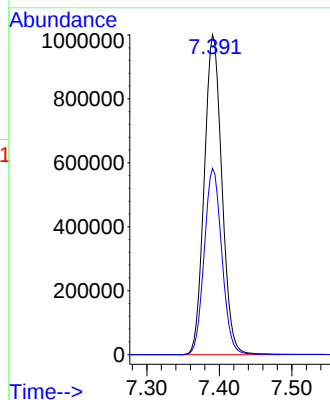
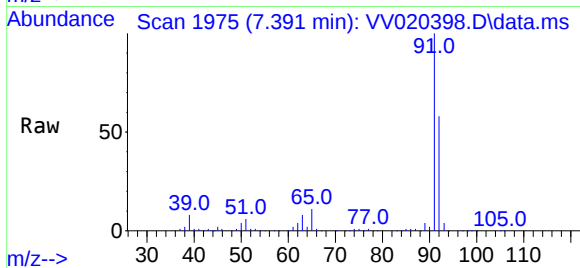
Acq: 24 Feb 2021 15:57

Tgt Ion: 91 Resp: 1691497

Ion Ratio Lower Upper

91 100

92 58.3 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 105.82 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV020398.D

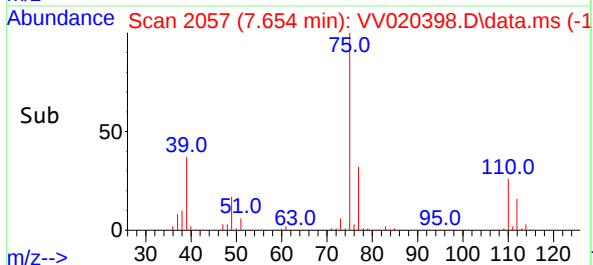
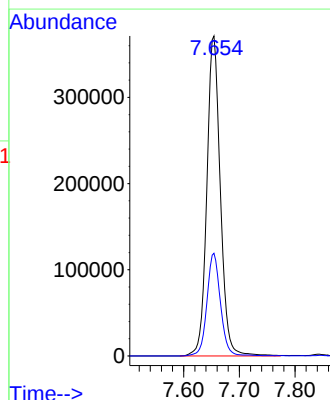
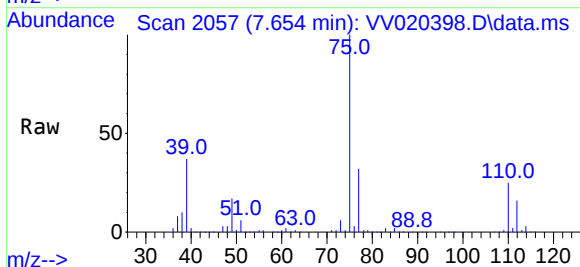
Acq: 24 Feb 2021 15:57

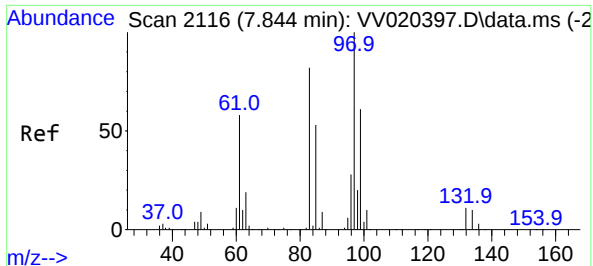
Tgt Ion: 75 Resp: 625613

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



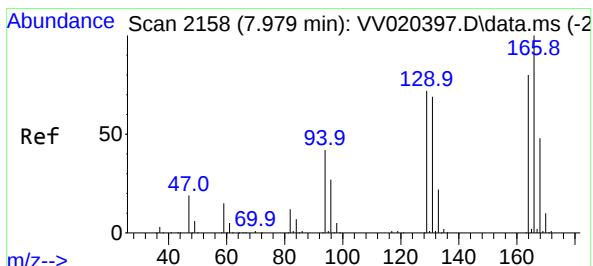
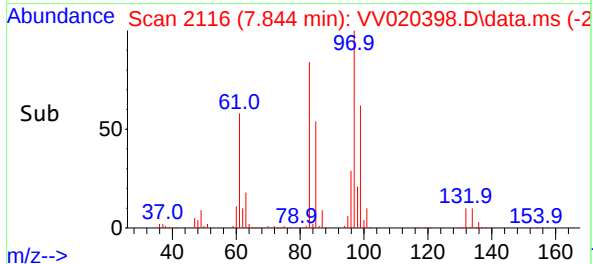
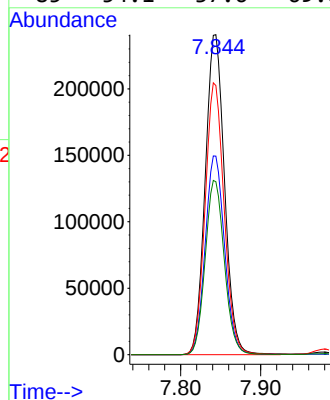
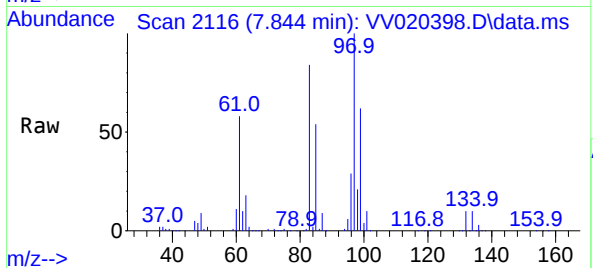


#45
1,1,2-Trichloroethane
Concen: 102.47 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

Tgt Ion: 97 Resp: 404794

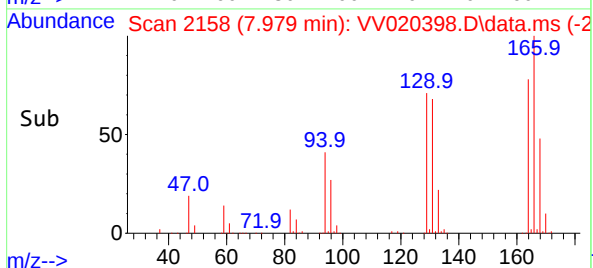
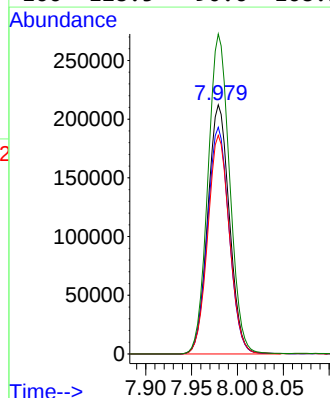
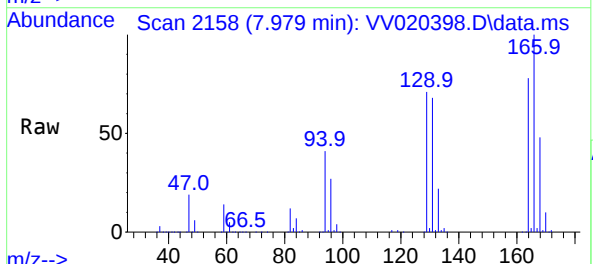
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.0	79.8
83	84.1	57.8	107.4
85	54.1	37.6	69.8

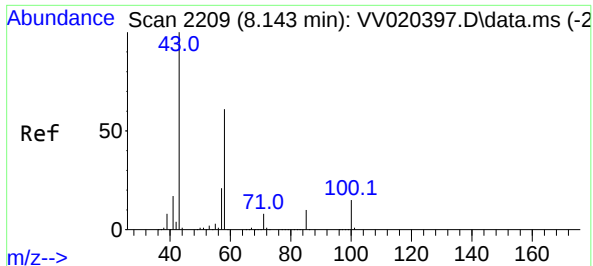


#46
Tetrachloroethene
Concen: 99.87 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 164 Resp: 348378

Ion	Ratio	Lower	Upper
164	100		
129	91.0	64.0	118.8
131	87.8	61.2	113.8
166	128.5	90.6	168.3



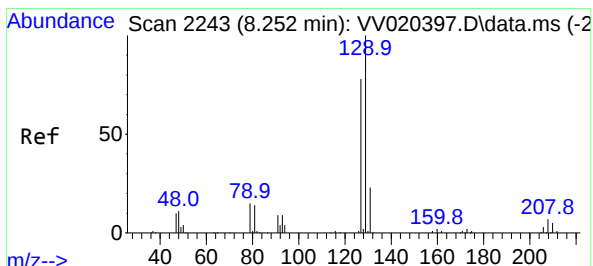
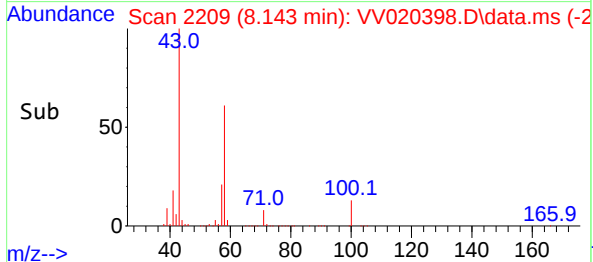
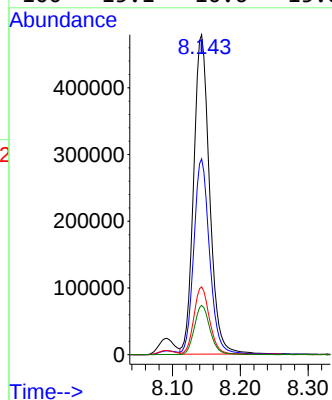
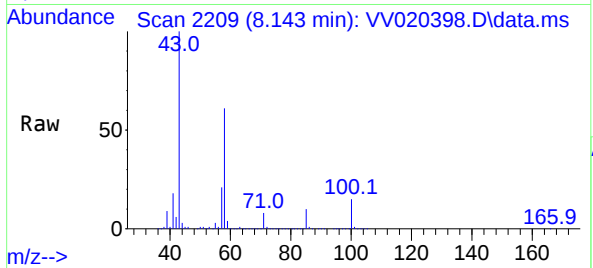


#48
2-Hexanone
Concen: 199.49 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

Tgt Ion: 43 Resp: 780853

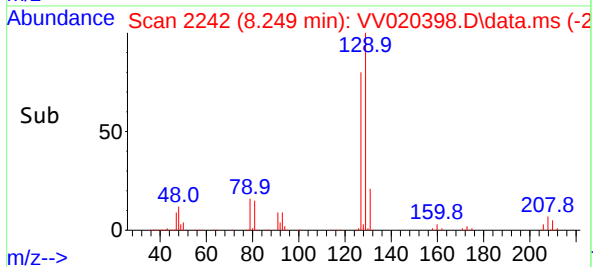
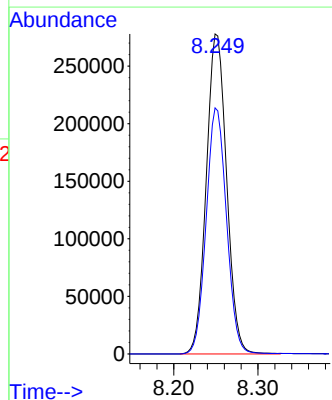
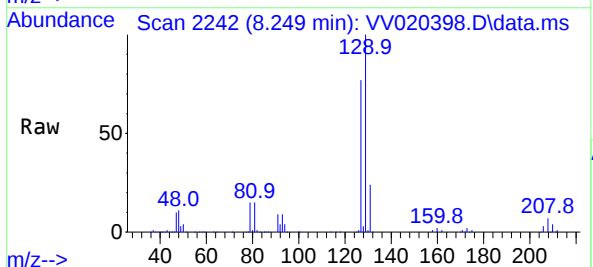
Ion	Ratio	Lower	Upper
43	100		
58	60.7	45.3	67.9
57	20.8	15.8	23.6
100	15.1	10.6	15.8

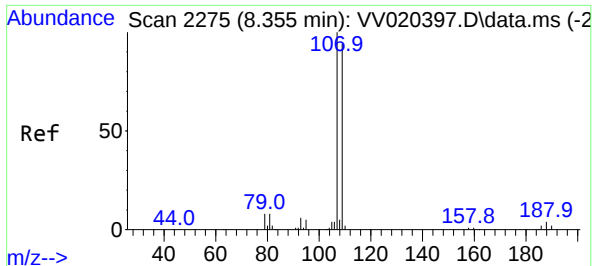


#49
Dibromochloromethane
Concen: 106.66 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 129 Resp: 467098

Ion	Ratio	Lower	Upper
129	100		
127	76.9	54.7	101.7

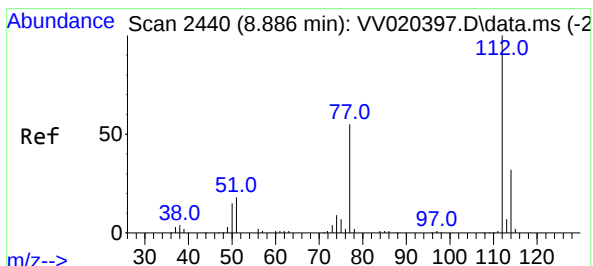
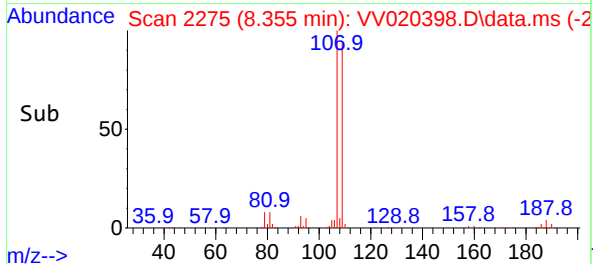
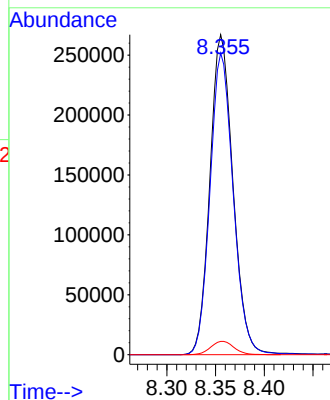
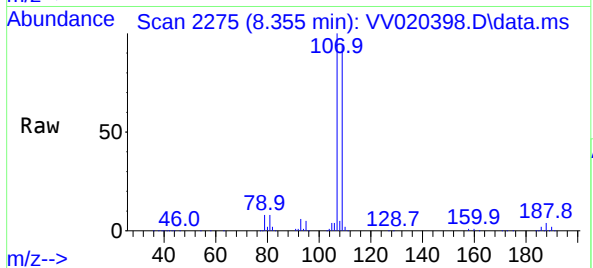




#50
1,2-Dibromoethane
Concen: 104.50 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

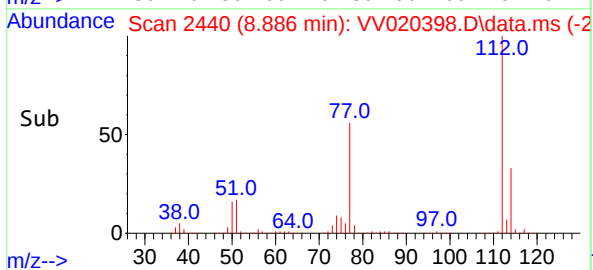
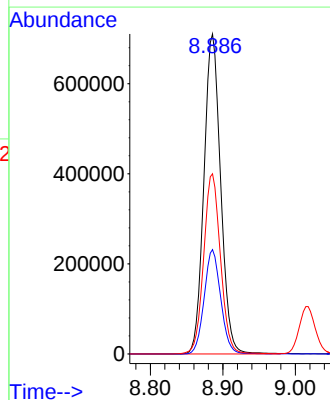
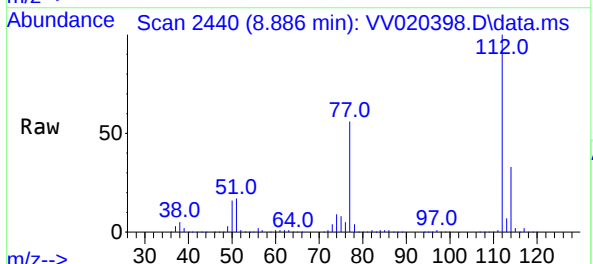
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

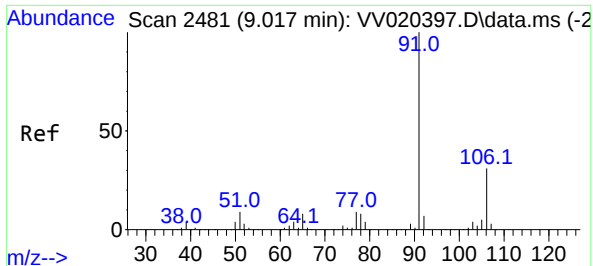
Tgt Ion:107 Resp: 438729
Ion Ratio Lower Upper
107 100
109 94.2 66.2 123.0
188 4.2 3.6 5.4



#51
Chlorobenzene
Concen: 103.65 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion:112 Resp: 1138470
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.7
77 56.3 47.3 70.9





#52

Ethylbenzene

Concen: 104.67 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.000 min

Lab File: VV020398.D

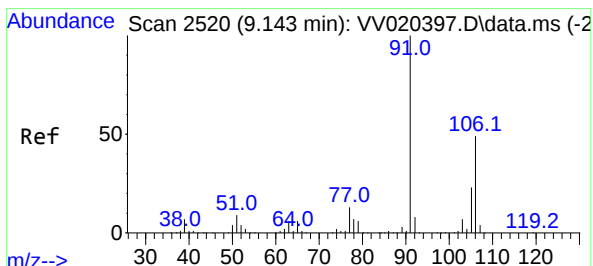
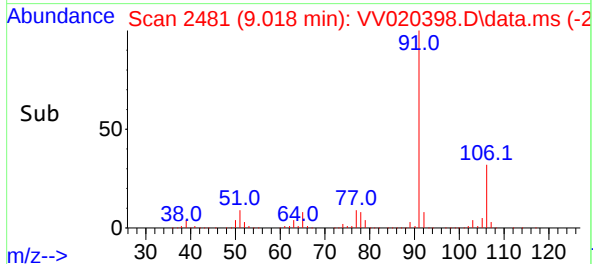
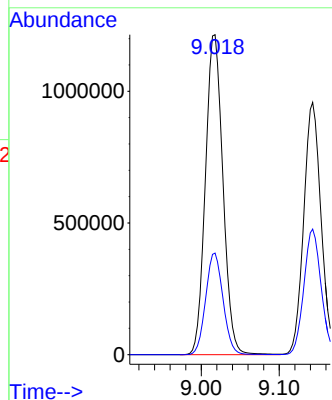
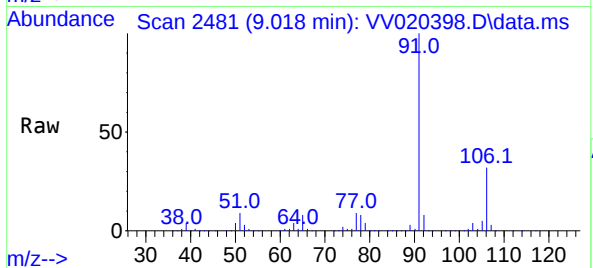
Acq: 24 Feb 2021 15:57

Tgt Ion: 91 Resp: 1896040

Ion Ratio Lower Upper

91 100

106 31.7 21.3 39.6



#53

m,p-Xylene

Concen: 106.08 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VV020398.D

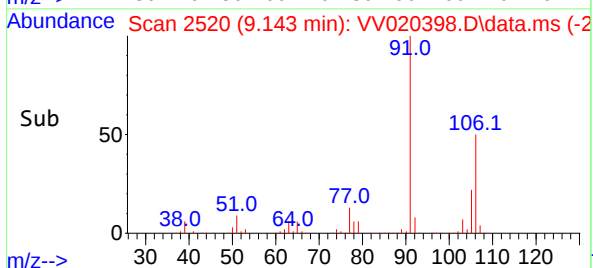
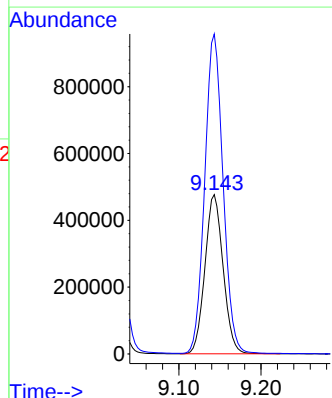
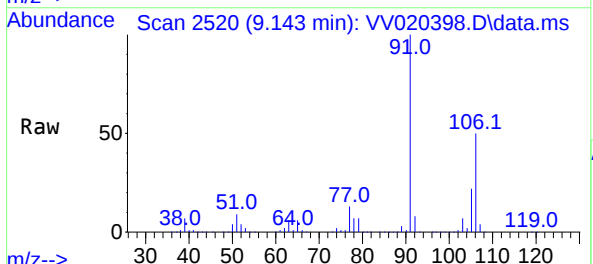
Acq: 24 Feb 2021 15:57

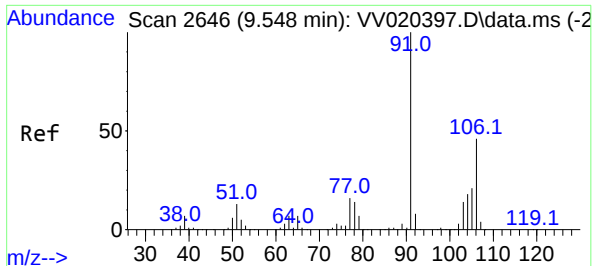
Tgt Ion: 106 Resp: 734682

Ion Ratio Lower Upper

106 100

91 200.9 143.1 265.7

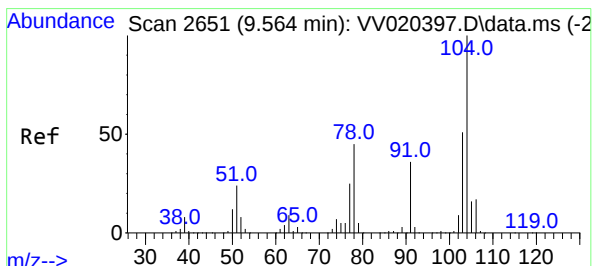
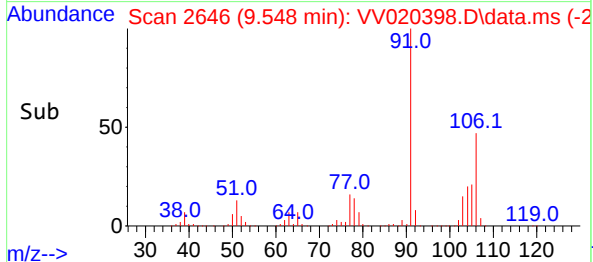
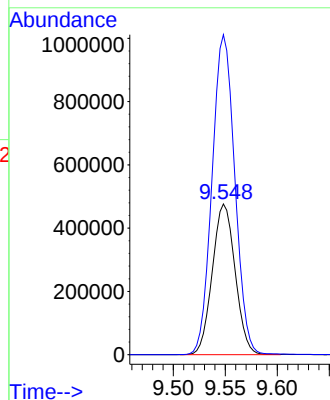
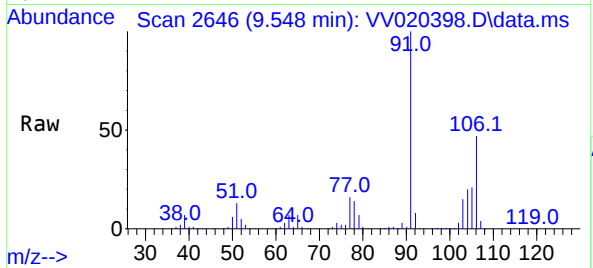




#54
o-Xylene
Concen: 106.49 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

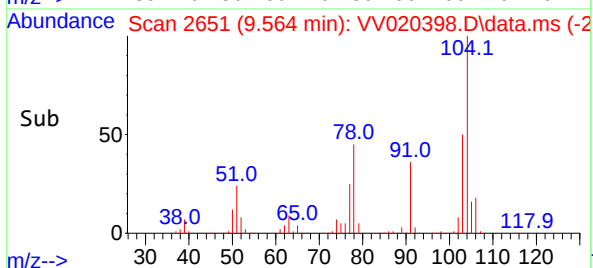
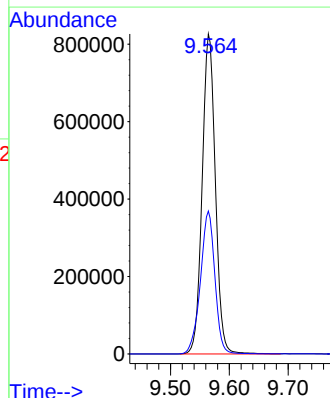
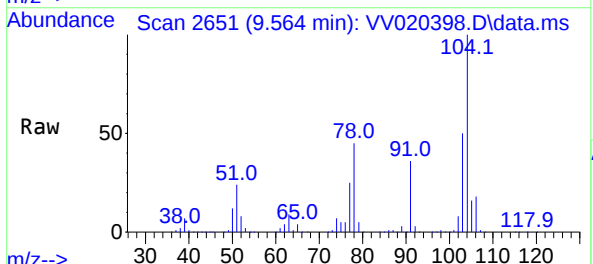
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

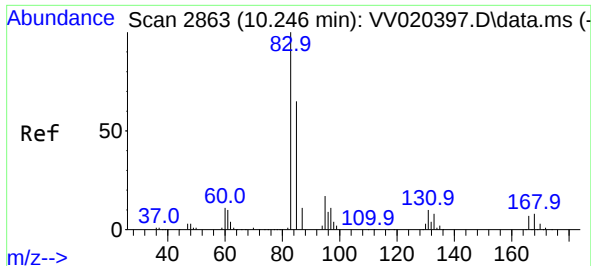
Tgt Ion:106 Resp: 727703
Ion Ratio Lower Upper
106 100
91 212.4 153.6 285.3



#55
Styrene
Concen: 109.17 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion:104 Resp: 1287477
Ion Ratio Lower Upper
104 100
78 44.6 31.6 58.8

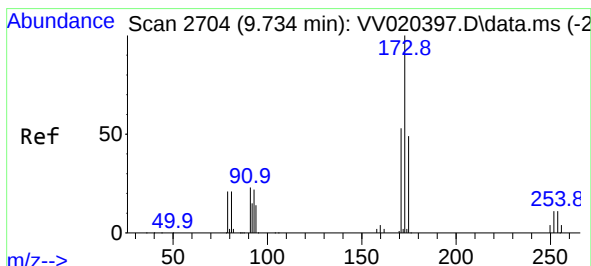
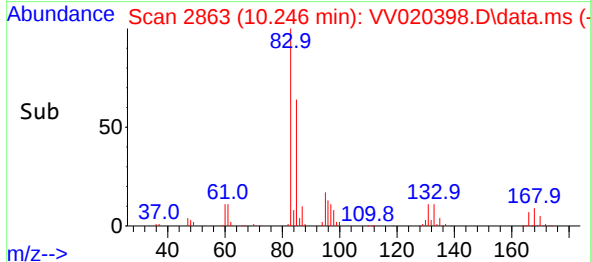
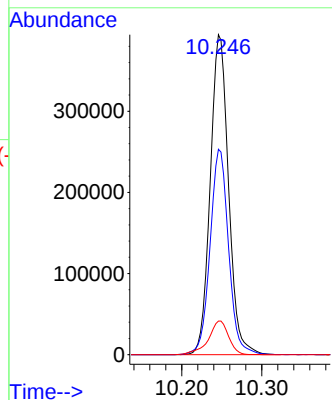
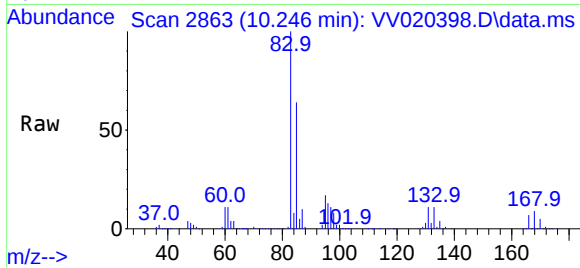




#57
1,1,2,2-Tetrachloroethane
Concen: 98.15 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

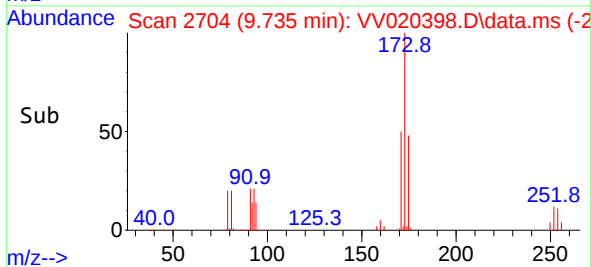
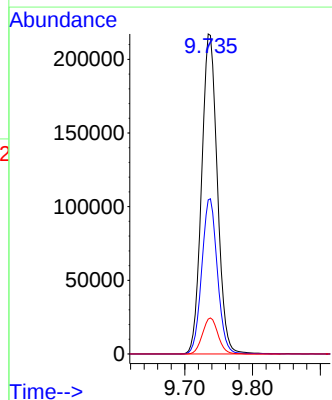
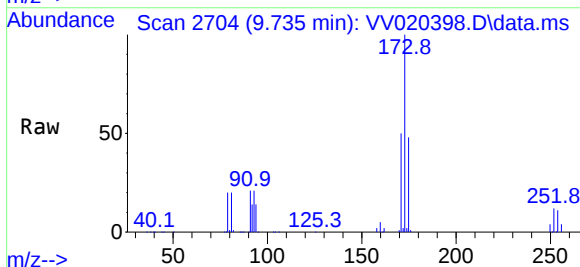
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

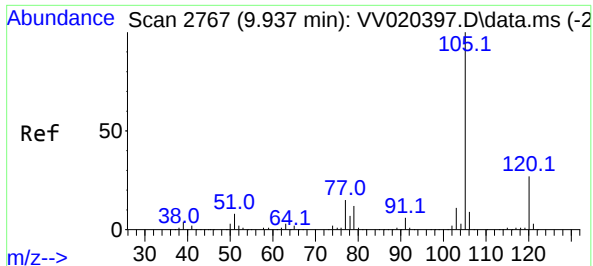
Tgt Ion: 83 Resp: 627295
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.4
131 10.5 8.6 12.8



#59
Bromoform
Concen: 96.85 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 173 Resp: 349956
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.6
254 11.1 9.5 14.3

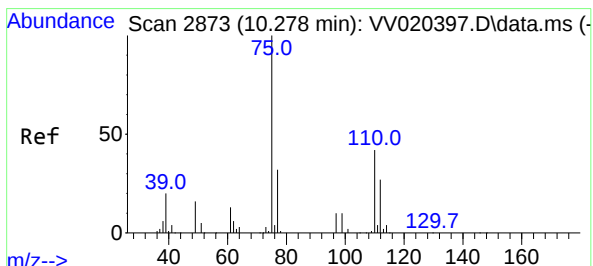
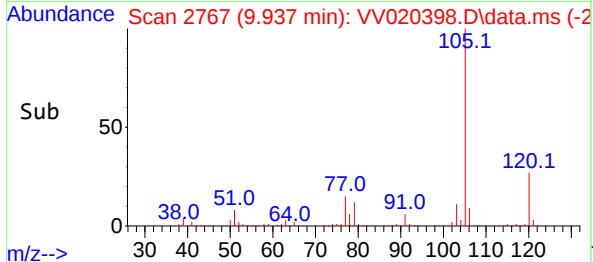
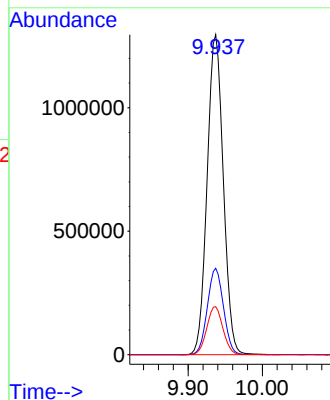
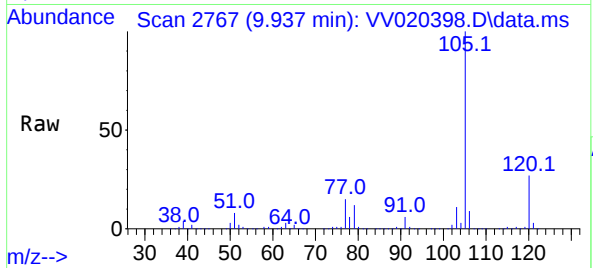




#60
Isopropylbenzene
Concen: 101.60 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

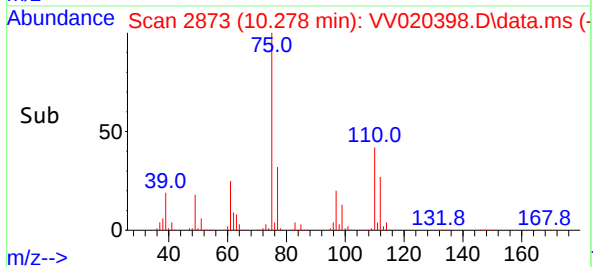
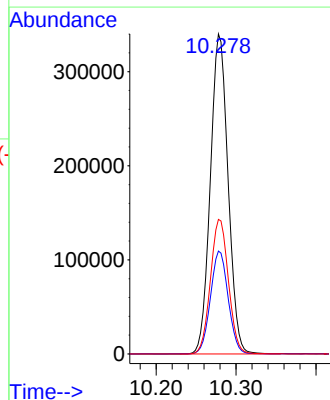
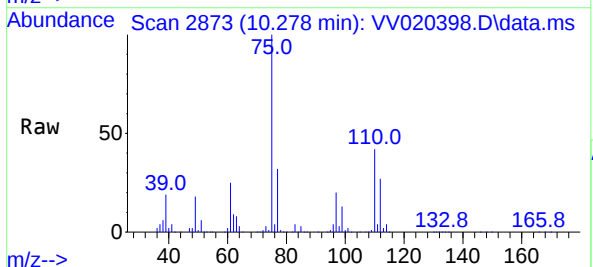
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

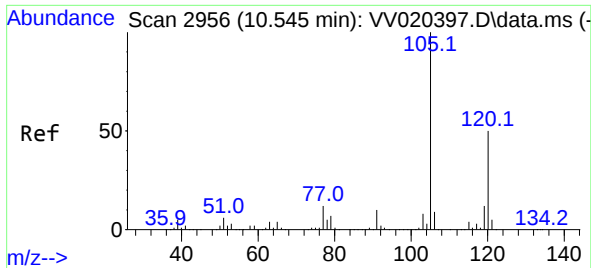
Tgt Ion:105 Resp: 1954010
Ion Ratio Lower Upper
105 100
120 26.9 21.2 31.8
77 15.1 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 97.71 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 75 Resp: 524071
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 42.7 33.3 49.9

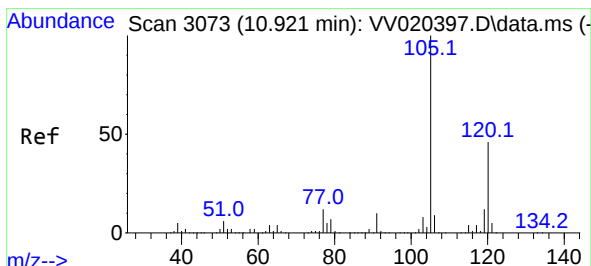
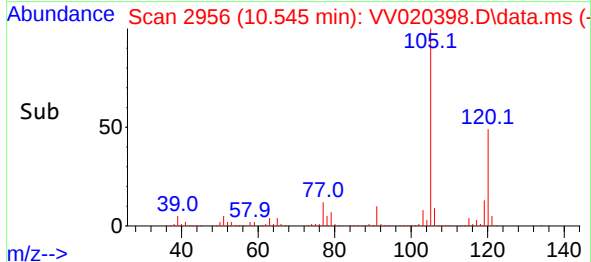
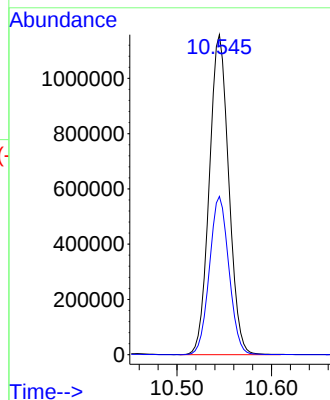
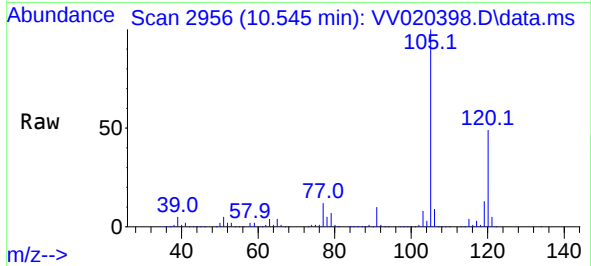




#62
1,3,5-Trimethylbenzene
Concen: 101.27 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

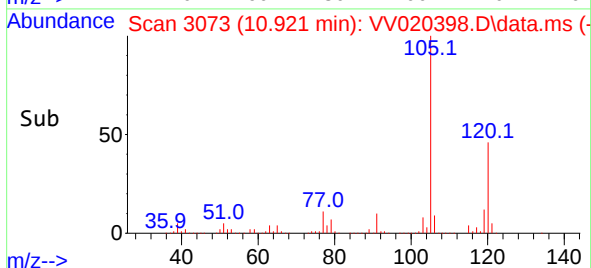
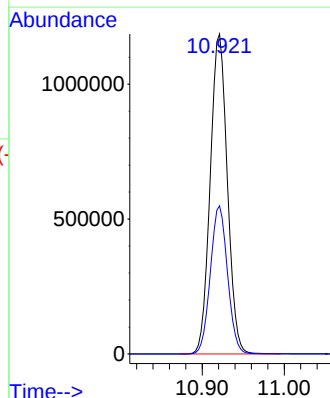
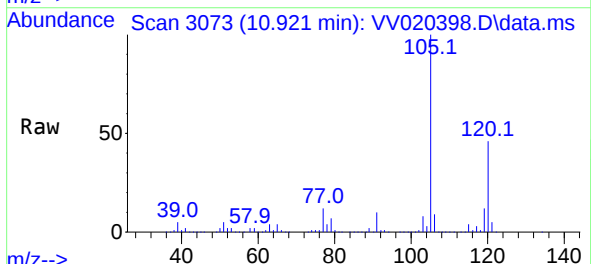
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

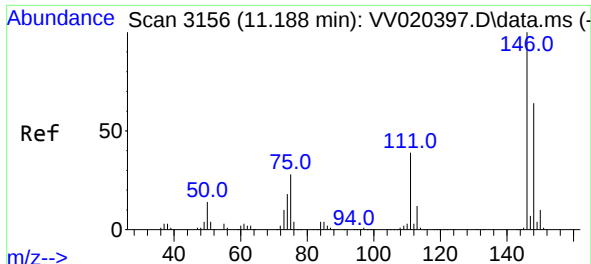
Tgt Ion:105 Resp: 1652840
Ion Ratio Lower Upper
105 100
120 49.5 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 106.58 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion:105 Resp: 1716297
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.6

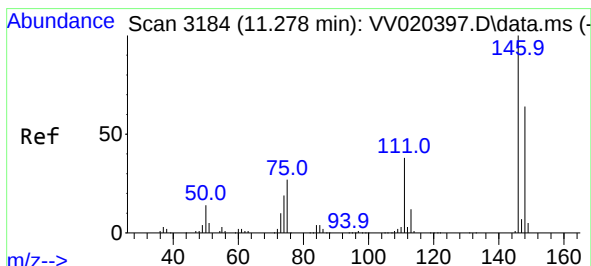
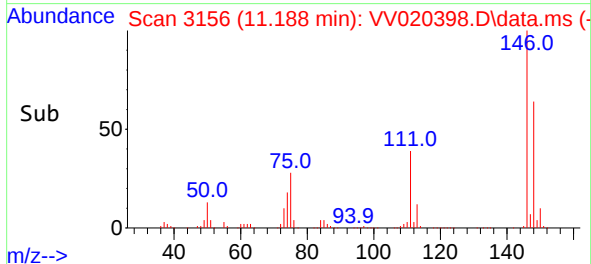
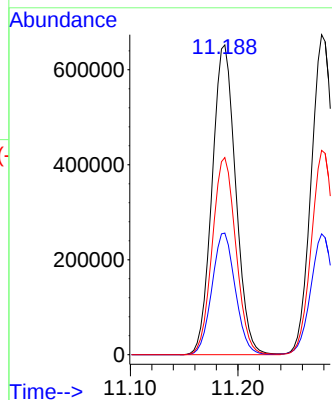
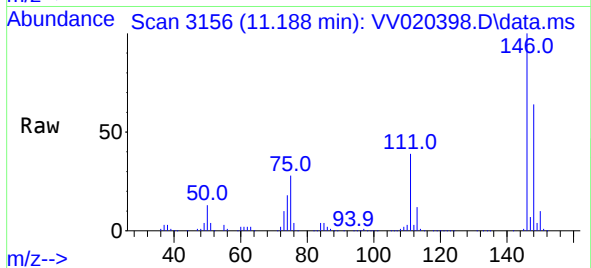




#64
1,3-Dichlorobenzene
Concen: 102.38 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

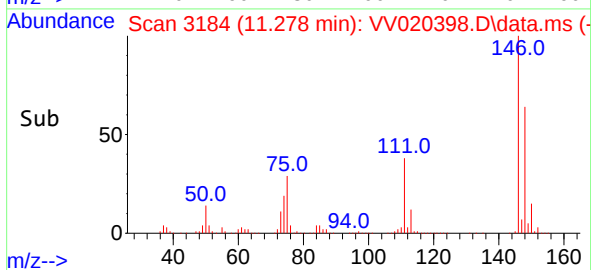
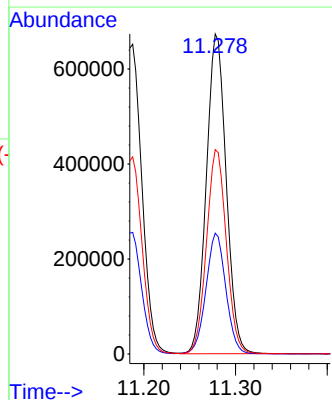
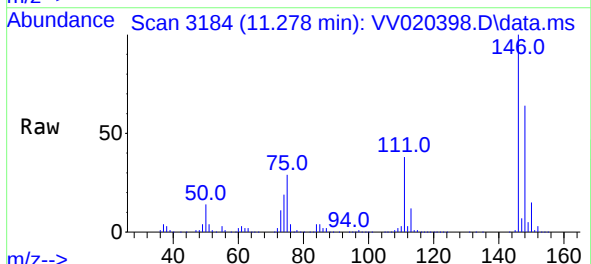
Instrument :
MSVOA_V
ClientSampled :
VSTD100166

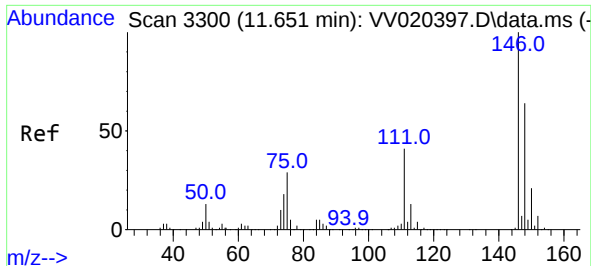
Tgt Ion:146 Resp: 994732
Ion Ratio Lower Upper
146 100
111 39.3 27.4 51.0
148 63.6 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 101.28 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion:146 Resp: 1013418
Ion Ratio Lower Upper
146 100
111 37.8 26.1 48.5
148 63.9 44.6 82.8

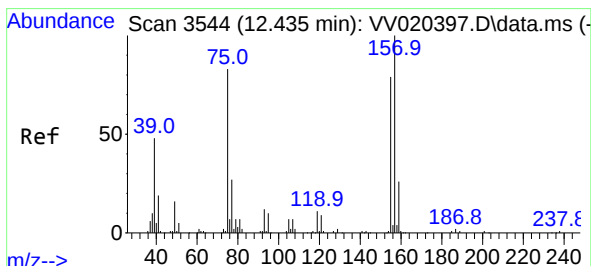
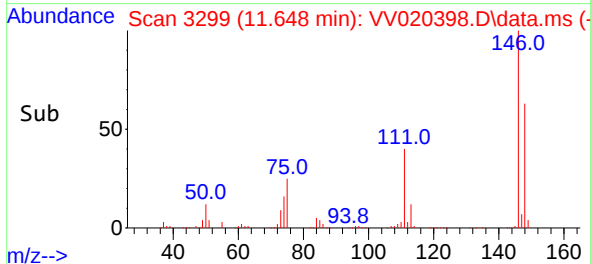
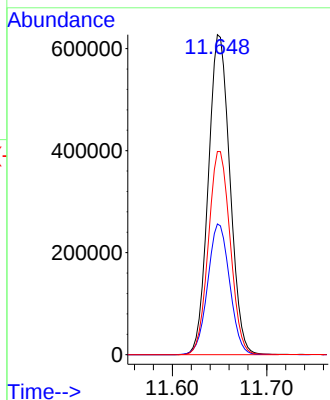
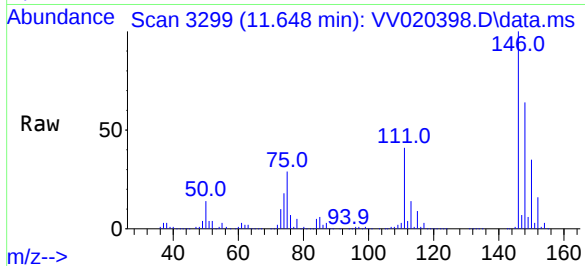




#67
1,2-Dichlorobenzene
Concen: 101.68 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.003 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

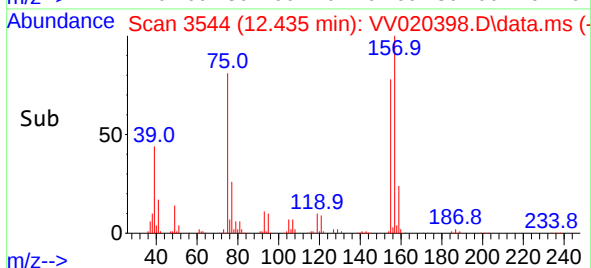
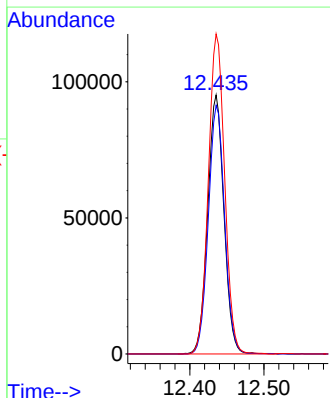
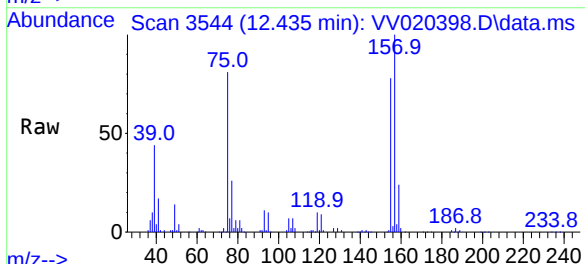
Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

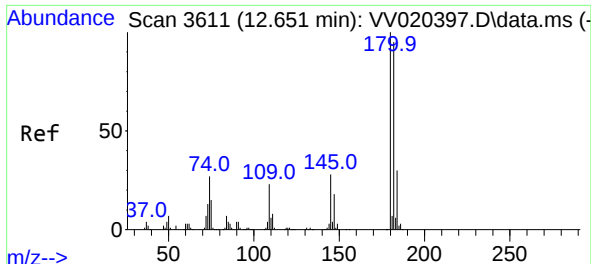
Tgt Ion:146 Resp: 995323
Ion Ratio Lower Upper
146 100
111 40.8 32.4 48.6
148 63.5 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 95.64 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion: 75 Resp: 144670
Ion Ratio Lower Upper
75 100
155 95.9 74.1 111.1
157 123.5 95.8 143.8



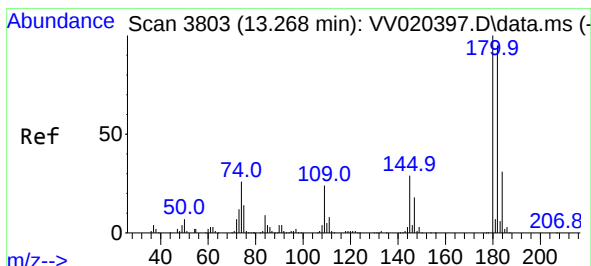
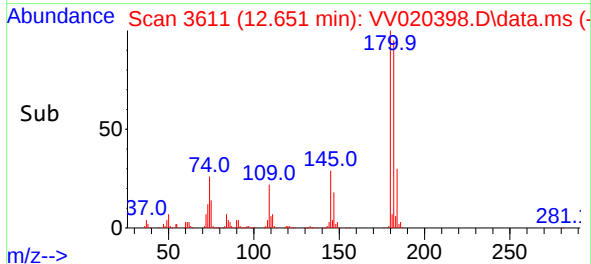
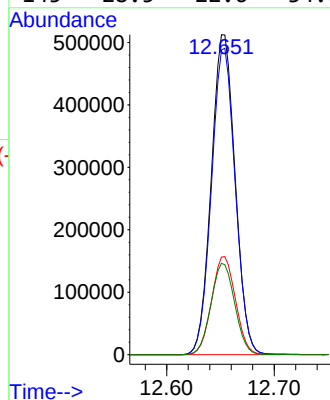
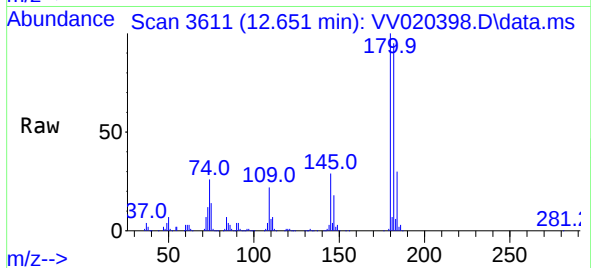


#69
1,3,5-Trichlorobenzene
Concen: 97.59 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

Tgt Ion:180 Resp: 790165

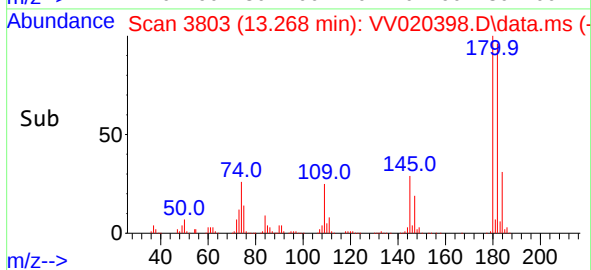
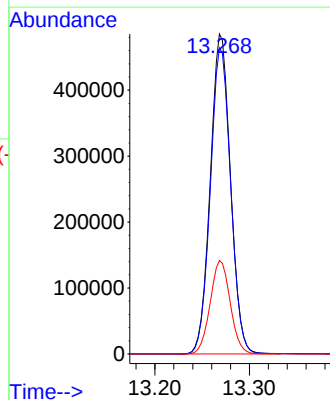
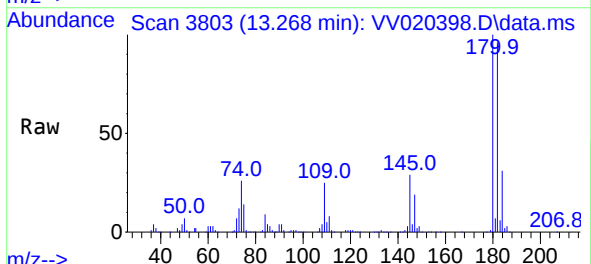
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.1	114.1
184	30.7	24.1	36.1
145	28.5	22.6	34.0

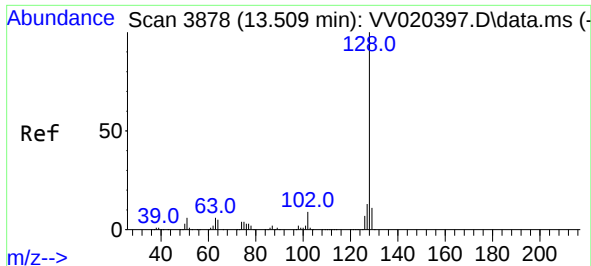


#70
1,2,4-trichlorobenzene
Concen: 97.35 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion:180 Resp: 719605

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.1	115.7
145	29.0	23.4	35.2



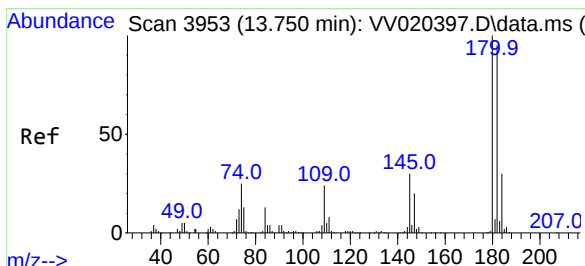
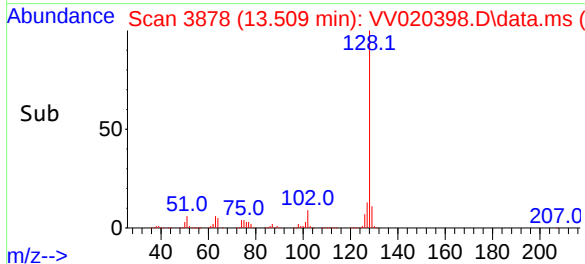
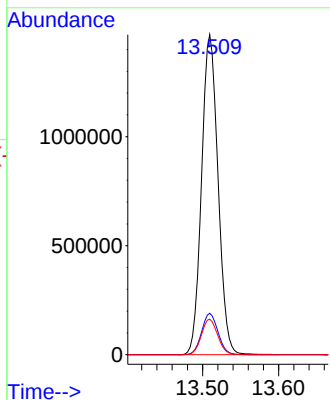
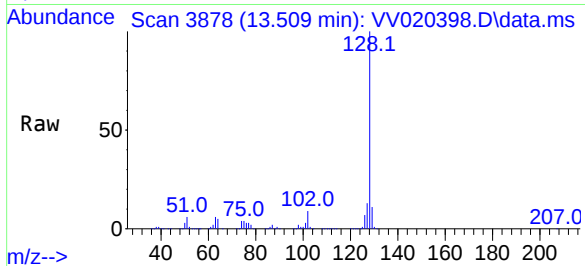


#71
Naphthalene
Concen: 105.80 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD100166

Tgt Ion:128 Resp: 2207888

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 98.48 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020398.D
Acq: 24 Feb 2021 15:57

Tgt Ion:180 Resp: 727469

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.6	114.8
145	31.1	24.5	36.7

