

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020397.D
 Acq On : 24 Feb 2021 15:33
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050165

Quant Time: Feb 24 17:33:03 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	602248	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	595271	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	334493	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	146868	38.48	ug/L	0.00
7) Chloroethane-d5	1.568	69	132647	43.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	302915	47.70	ug/L	0.00
21) 2-Butanone-d5	3.892	46	230303	91.36	ug/L	0.00
24) Chloroform-d	4.352	84	338039	46.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	214868	46.60	ug/L	0.00
32) Benzene-d6	5.053	84	644772	44.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	199375	42.56	ug/L	0.00
41) Toluene-d8	7.320	98	623731	45.11	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	99922	43.90	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	175431	89.28	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	293036	44.71	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	282614	45.90	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	243441	55.81	ug/L	99
3) Chloromethane	1.243	50	209413	44.58	ug/L	99
5) Vinyl chloride	1.310	62	228050	52.66	ug/L	100
6) Bromomethane	1.523	94	148178	59.62	ug/L	99
8) Chloroethane	1.587	64	139276	52.40	ug/L	98
9) Trichlorofluoromethane	1.754	101	339837	53.86	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	184157	54.90	ug/L	95
12) 1,1-Dichloroethene	2.121	96	173228	54.90	ug/L	92
13) Acetone	2.182	43	166172	101.38	ug/L	100
14) Carbon disulfide	2.294	76	458896	50.94	ug/L	99
15) Methyl Acetate	2.436	43	177575	49.17	ug/L	98
16) Methylene chloride	2.510	84	197435	52.47	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	183057	52.13	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	553713	50.35	ug/L	99
19) 1,1-Dichloroethane	3.191	63	335224	51.67	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	204031	51.85	ug/L	93
22) 2-Butanone	3.973	43	247278	96.27	ug/L	97
23) Bromochloromethane	4.249	128	110259	51.05	ug/L	91
25) Chloroform	4.381	83	370110	52.46	ug/L	100
27) 1,2-Dichloroethane	5.133	62	274755	50.25	ug/L	100
29) Cyclohexane	4.683	56	266058	45.45	ug/L	95
30) 1,1,1-Trichloroethane	4.613	97	313389	47.79	ug/L	98
31) Carbon tetrachloride	4.831	117	269988	47.48	ug/L	100
33) Benzene	5.104	78	762269	48.98	ug/L	100
34) Trichloroethene	5.918	95	212797	48.60	ug/L	97
35) Methylcyclohexane	6.137	83	293206	46.36	ug/L	96
37) 1,2-Dichloropropane	6.175	63	194841	46.71	ug/L	99
38) Bromodichloromethane	6.513	83	264217	46.82	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	305232	48.79	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	496130	88.88	ug/L	95
42) Toluene	7.391	91	835602	49.49	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	294868	48.80	ug/L	100

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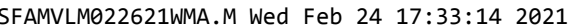
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050165

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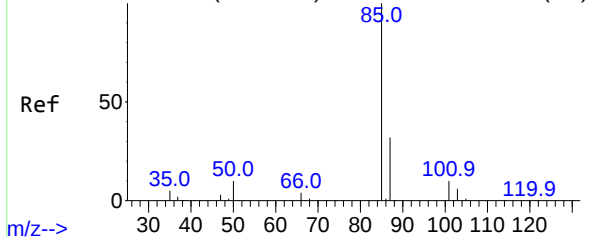
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	202607	50.18	ug/L	100
46) Tetrachloroethene	7.979	164	174309	48.89	ug/L	98
48) 2-Hexanone	8.143	43	391477	97.85	ug/L	97
49) Dibromochloromethane	8.252	129	221855	49.57	ug/L	100
50) 1,2-Dibromoethane	8.355	107	214511	49.99	ug/L	99
51) Chlorobenzene	8.886	112	567346	50.53	ug/L	97
52) Ethylbenzene	9.017	91	933136	50.40	ug/L	99
53) m,p-Xylene	9.143	106	353986	50.01	ug/L	100
54) o-Xylene	9.548	106	347520	49.75	ug/L	98
55) Styrene	9.564	104	618589	51.32	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	303005	46.39	ug/L	100
59) Bromoform	9.734	173	158679	43.95	ug/L	100
60) Isopropylbenzene	9.937	105	938081	48.81	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	261434	48.78	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	780433	47.85	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	814764	50.63	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	479618	49.40	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	492193	49.23	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	484977	49.58	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	64926	42.96	ug/L	98
69) 1,3,5-Trichlorobenzene	12.651	180	378193	46.74	ug/L	100
70) 1,2,4-trichlorobenzene	13.268	180	334287	45.26	ug/L	100
71) Naphthalene	13.509	128	1008722	48.37	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	344318	46.65	ug/L	99

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

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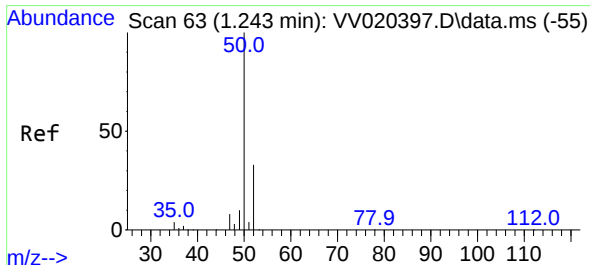
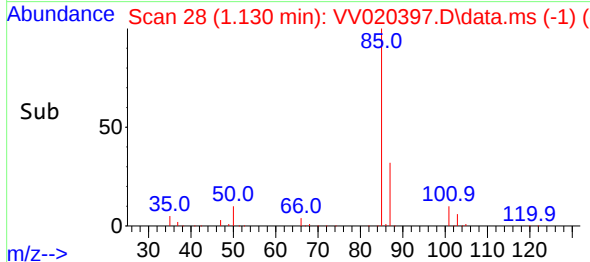
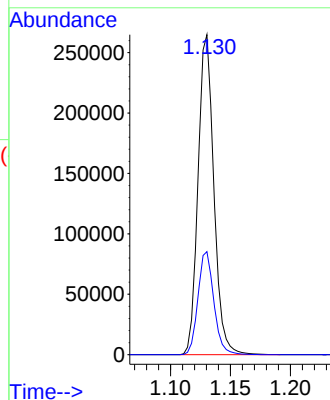
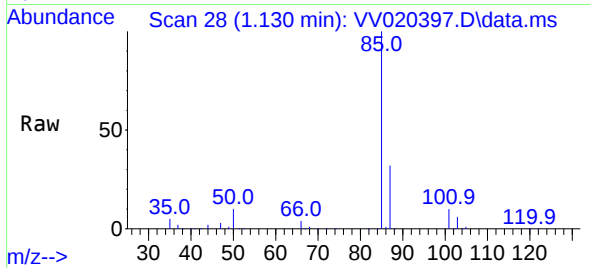


Abundance Scan 28 (1.130 min): VV020397.D\data.ms (-21)



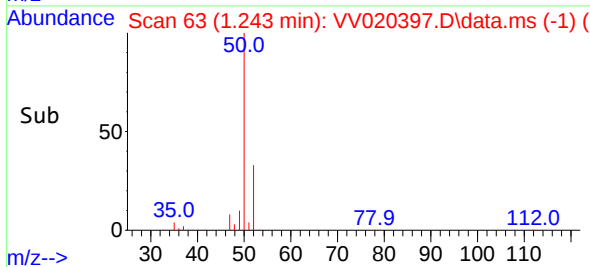
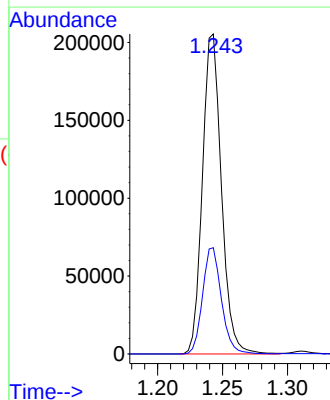
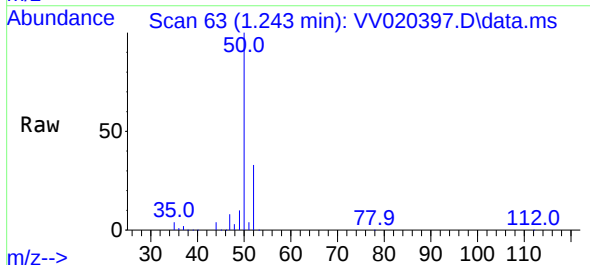
#2
Dichlorodifluoromethane
Concen: 55.81 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 85 Resp: 243441
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.2

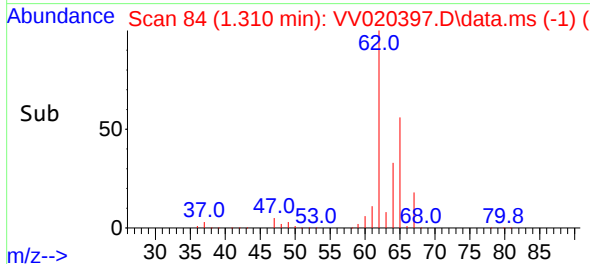
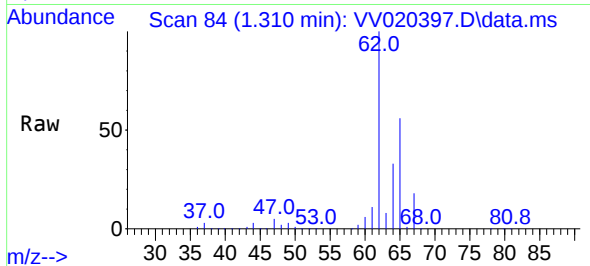
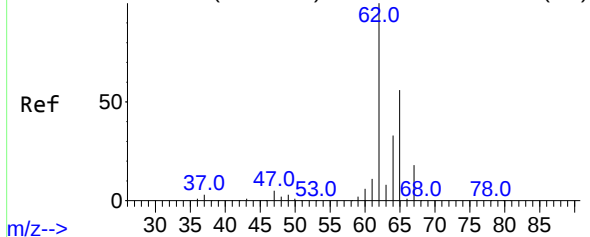


#3
Chloromethane
Concen: 44.58 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 50 Resp: 209413
Ion Ratio Lower Upper
50 100
52 33.2 22.9 42.5

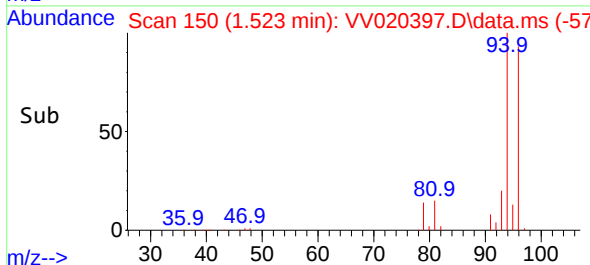
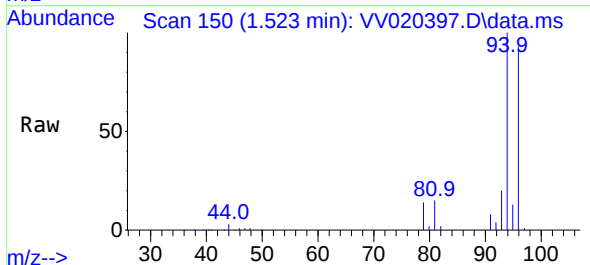
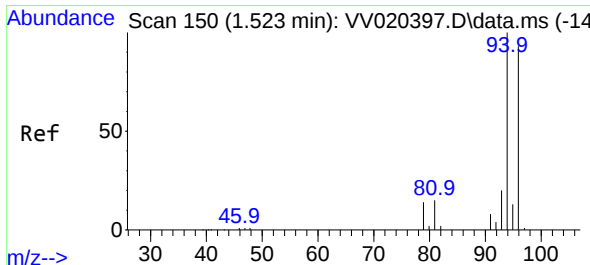
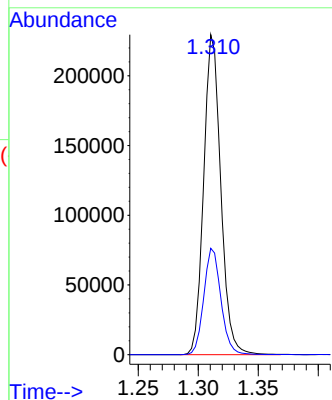


Abundance Scan 84 (1.310 min): VV020397.D\data.ms (-76)



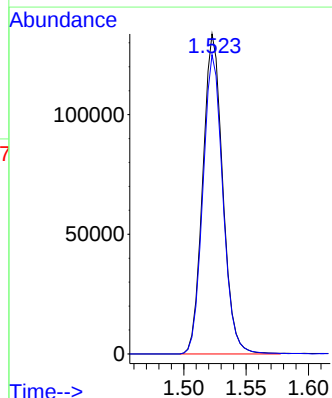
#5
Vinyl chloride
Concen: 52.66 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

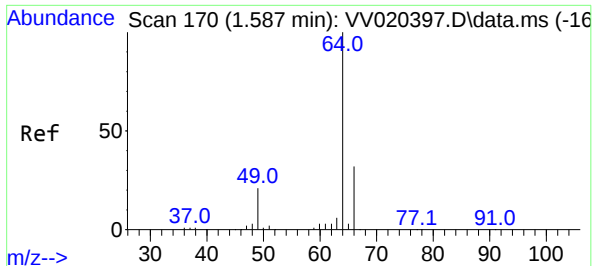
Tgt Ion: 62 Resp: 228050
Ion Ratio Lower Upper
62 100
64 33.2 23.1 42.9



#6
Bromomethane
Concen: 59.62 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 94 Resp: 148178
Ion Ratio Lower Upper
94 100
96 93.5 65.9 122.5

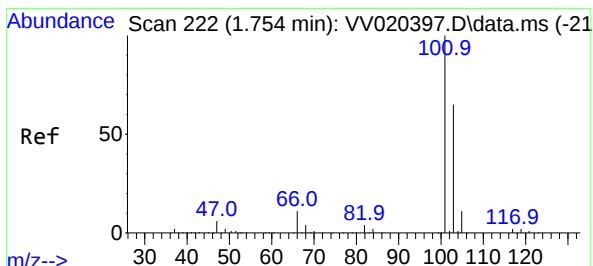
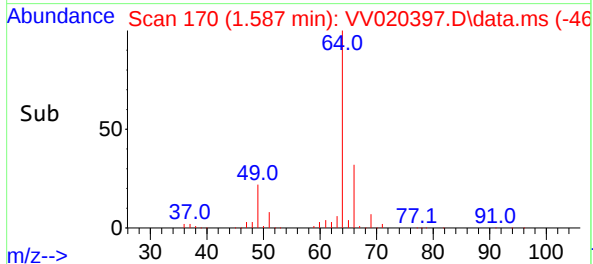
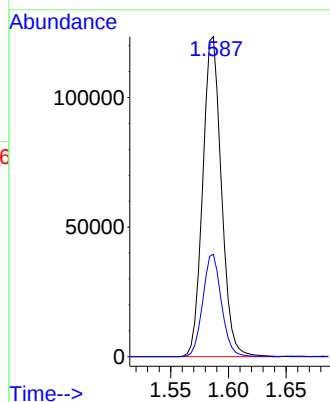
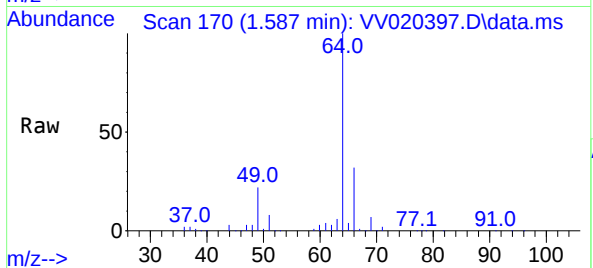




#8
Chloroethane
Concen: 52.40 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

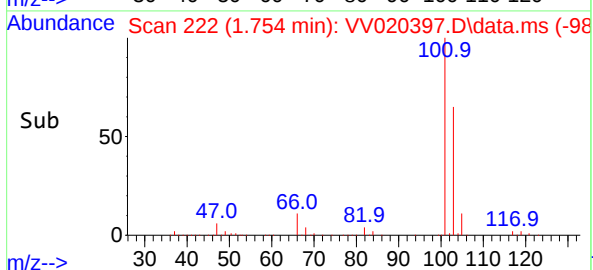
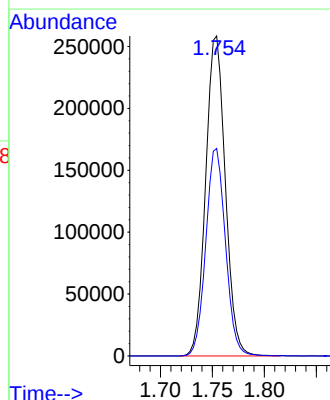
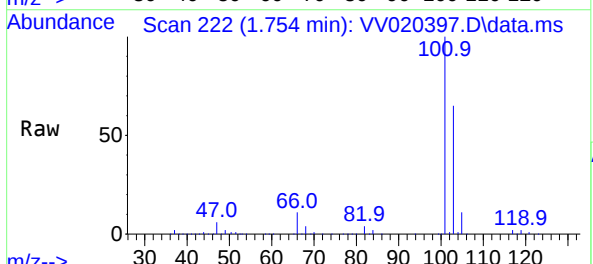
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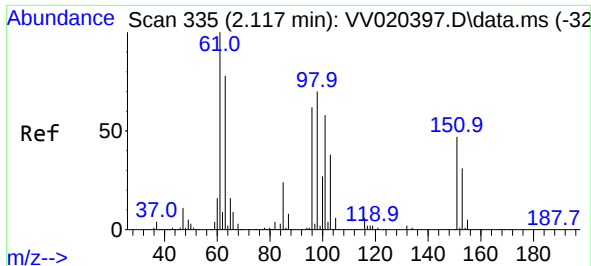
Tgt Ion: 64 Resp: 139276
Ion Ratio Lower Upper
64 100
66 32.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 53.86 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion:101 Resp: 339837
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

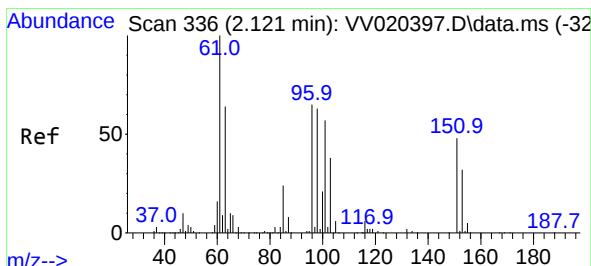
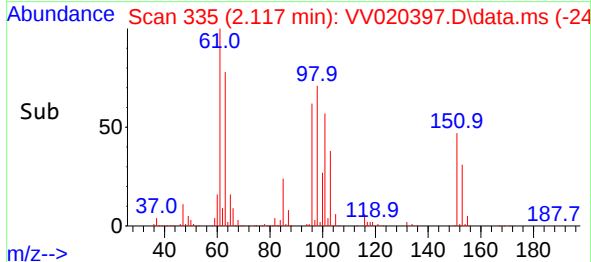
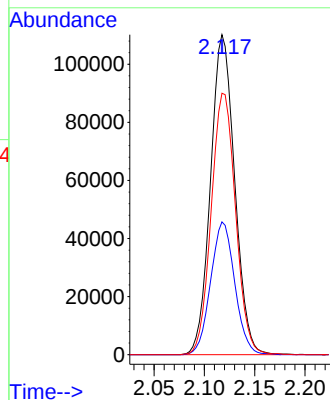
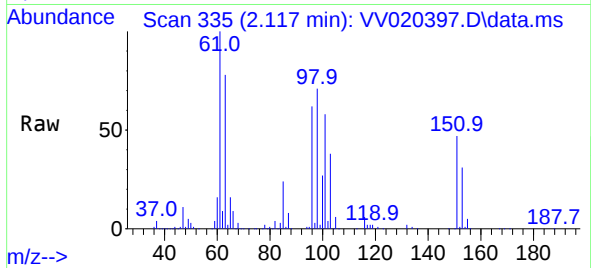




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.90 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020397.D
 Acq: 24 Feb 2021 15:33

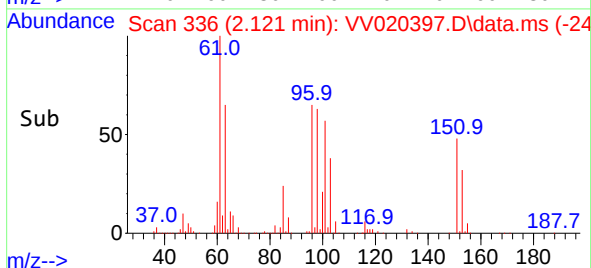
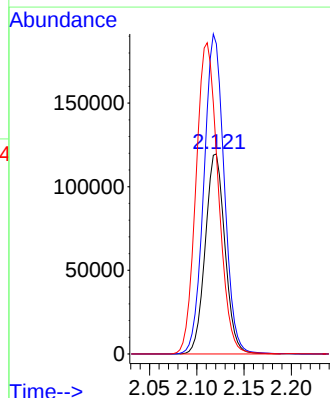
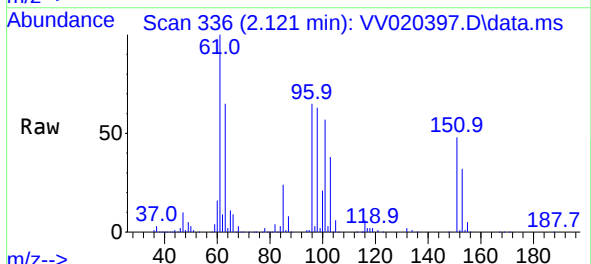
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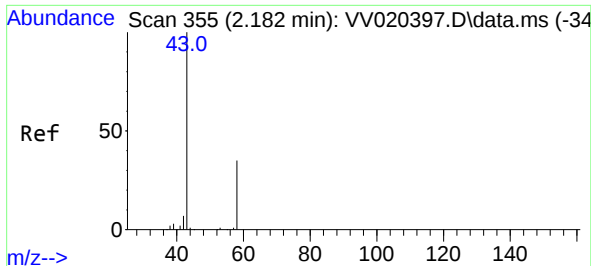
Tgt Ion:101 Resp: 184157
 Ion Ratio Lower Upper
 101 100
 85 41.5 32.4 48.6
 151 82.4 71.0 106.6



#12
 1,1-Dichloroethene
 Concen: 54.90 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020397.D
 Acq: 24 Feb 2021 15:33

Tgt Ion: 96 Resp: 173228
 Ion Ratio Lower Upper
 96 100
 61 155.0 110.9 206.1
 63 100.3 82.1 152.5

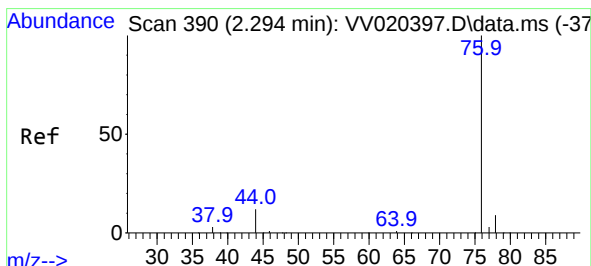
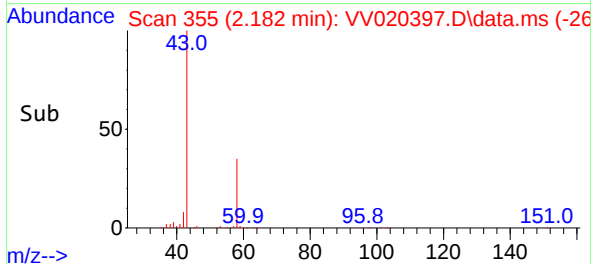
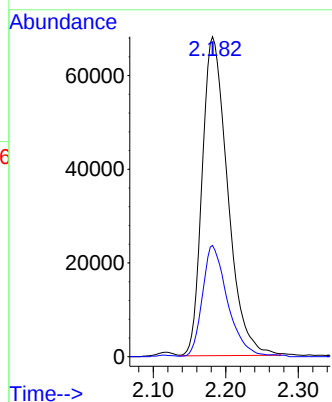
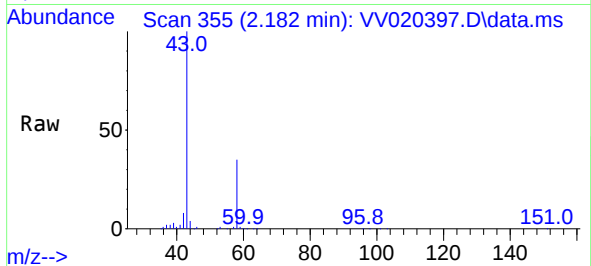




#13
Acetone
Concen: 101.38 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

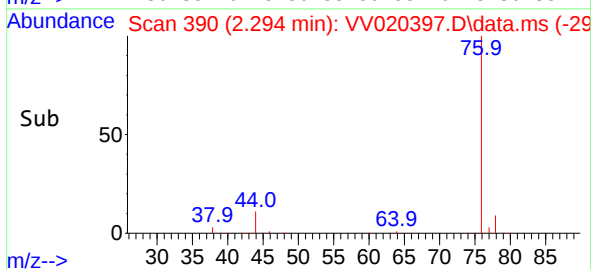
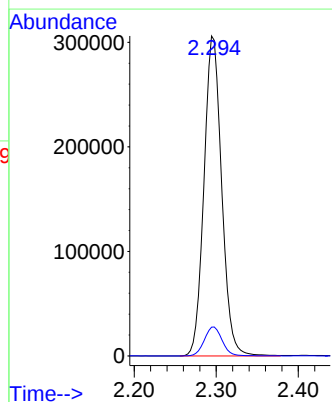
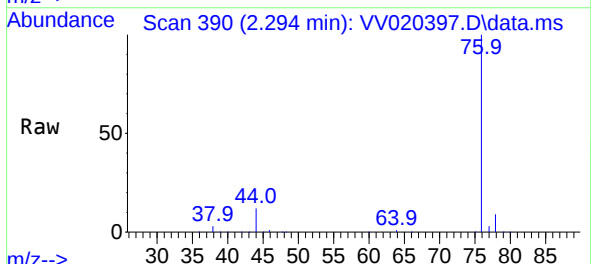
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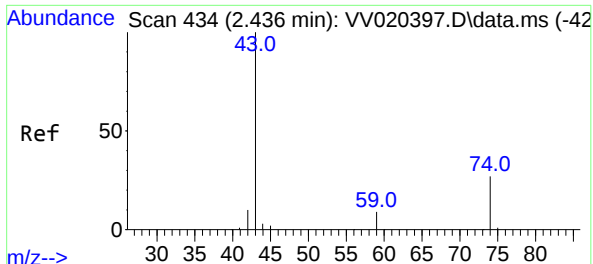
Tgt Ion: 43 Resp: 166172
Ion Ratio Lower Upper
43 100
58 33.9 0.0 68.0



#14
Carbon disulfide
Concen: 50.94 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 76 Resp: 458896
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

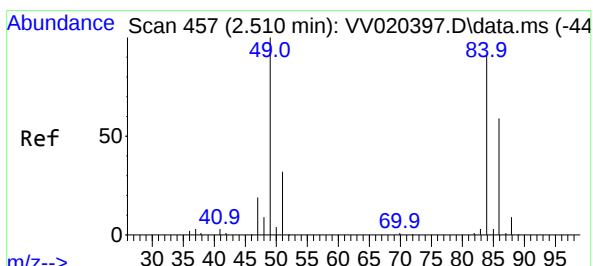
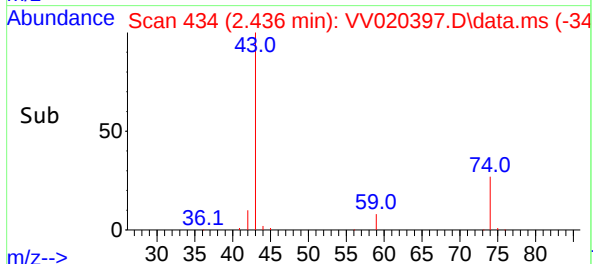
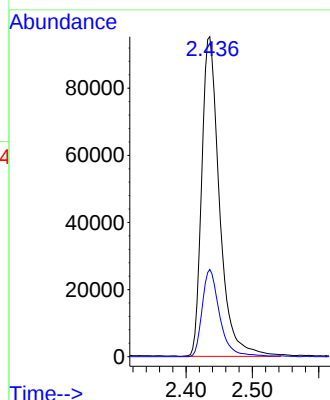
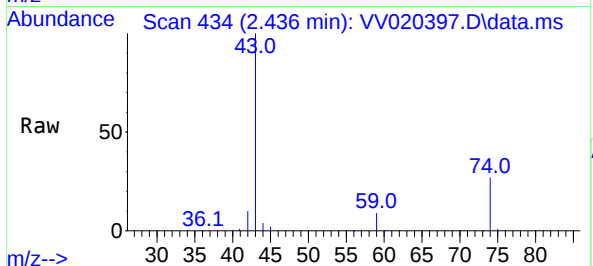




#15
Methyl Acetate
Concen: 49.17 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

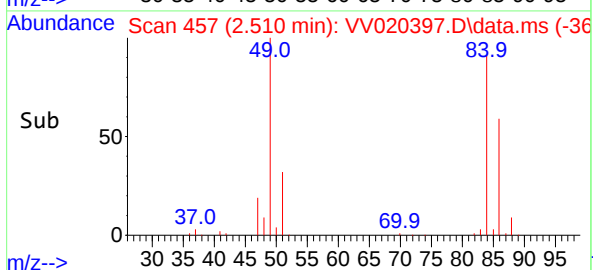
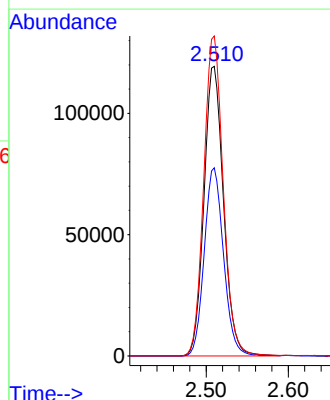
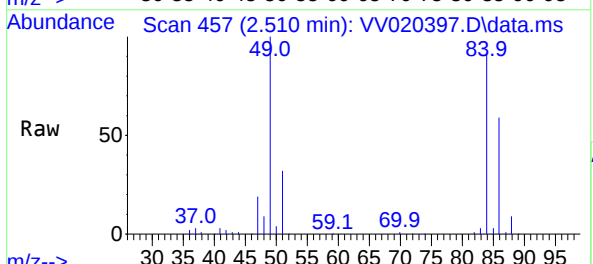
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

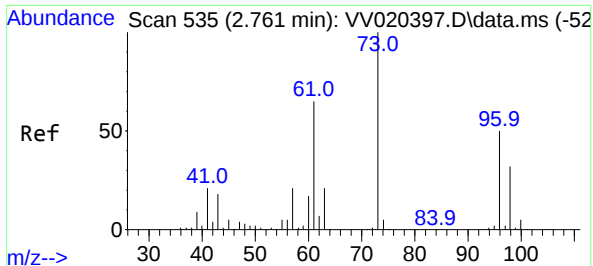
Tgt Ion: 43 Resp: 177575
Ion Ratio Lower Upper
43 100
74 26.8 20.6 30.8



#16
Methylene chloride
Concen: 52.47 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 84 Resp: 197435
Ion Ratio Lower Upper
84 100
86 65.0 44.8 83.2
49 110.5 78.5 145.7

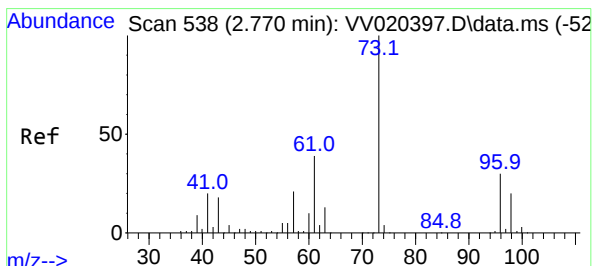
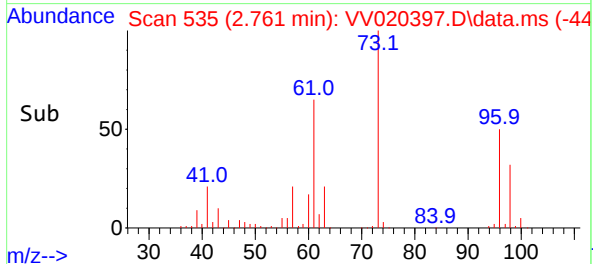
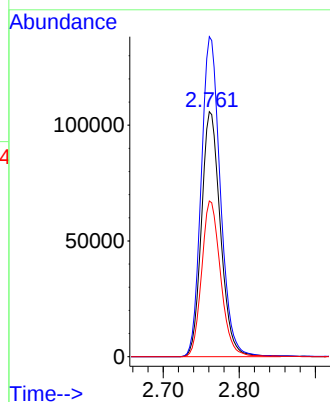
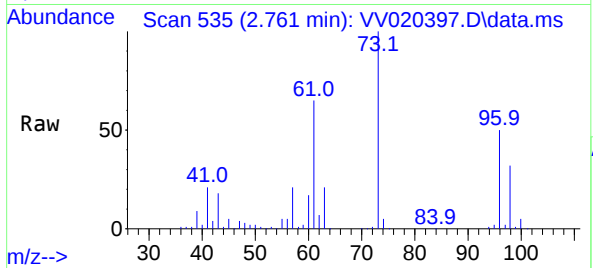




#17
trans-1,2-Dichloroethene
Concen: 52.13 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

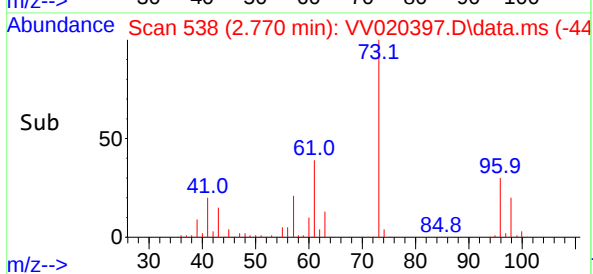
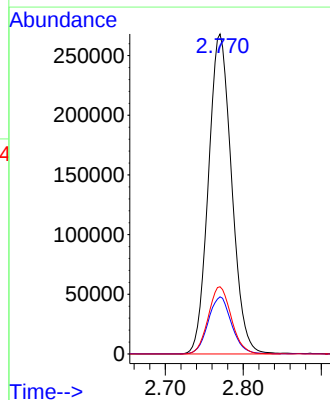
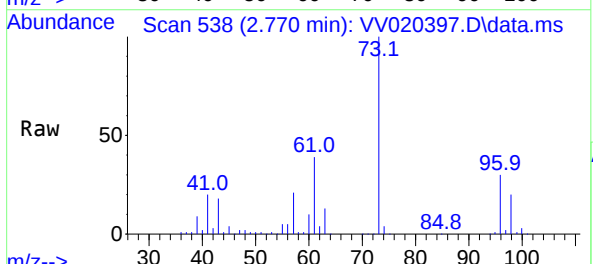
Tgt Ion: 96 Resp: 183057
Ion Ratio Lower Upper
96 100
61 130.6 92.0 170.9
98 63.6 44.2 82.2

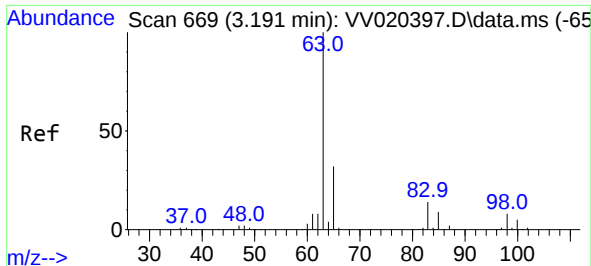
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165



#18
Methyl tert-butyl Ether
Concen: 50.35 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 73 Resp: 553713
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.6
57 20.9 17.2 25.8



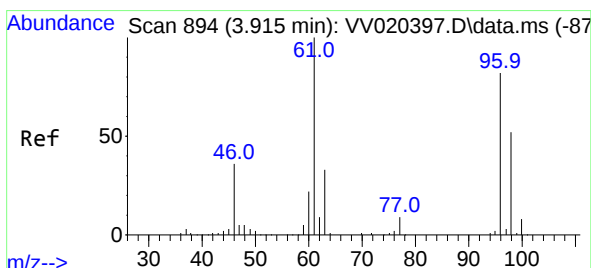
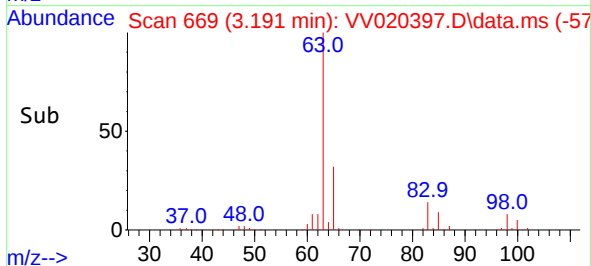
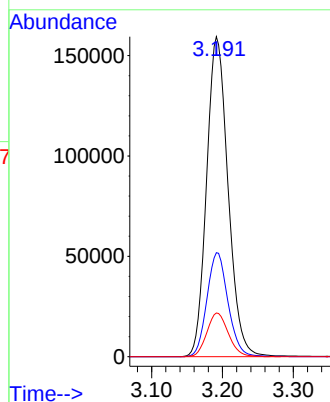
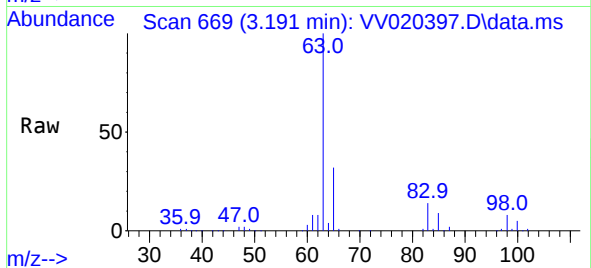


#19
1,1-Dichloroethane
Concen: 51.67 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

Tgt Ion: 63 Resp: 335224

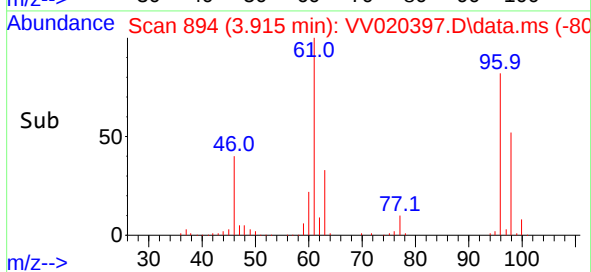
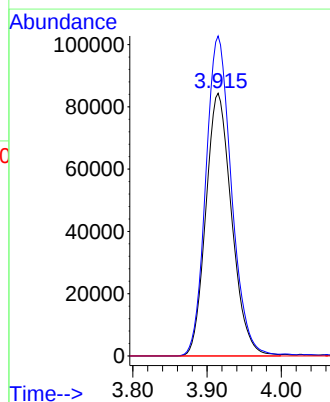
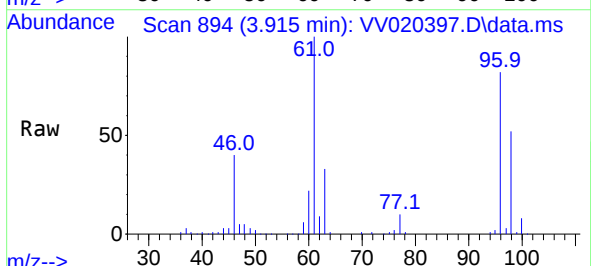
Ion	Ratio	Lower	Upper
63	100		
65	32.5	21.8	40.4
83	13.7	9.4	17.4

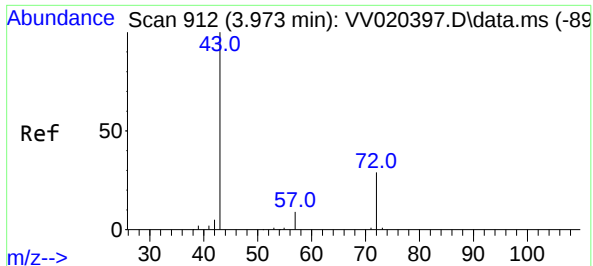


#20
cis-1,2-Dichloroethene
Concen: 51.85 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 96 Resp: 204031

Ion	Ratio	Lower	Upper
96	100		
61	121.8	90.6	168.3
68	0.0	0.0	0.0

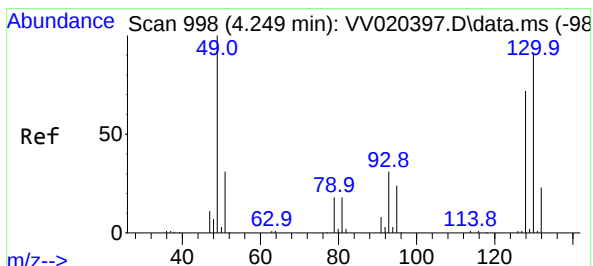
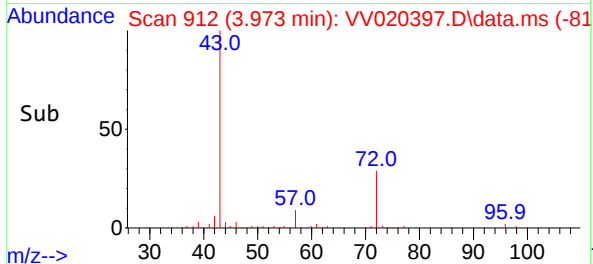
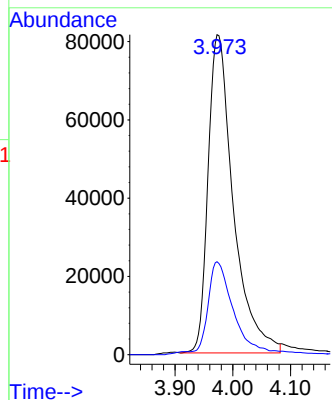
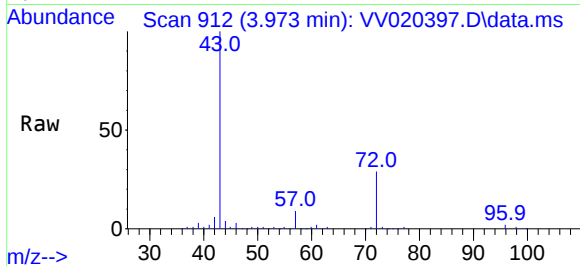




#22
2-Butanone
Concen: 96.27 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

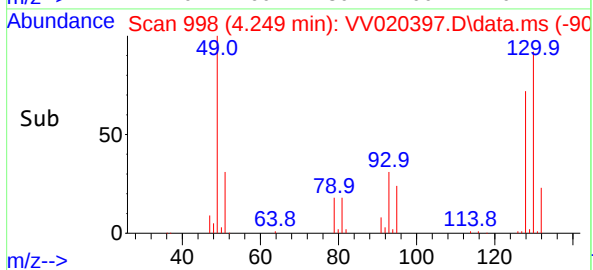
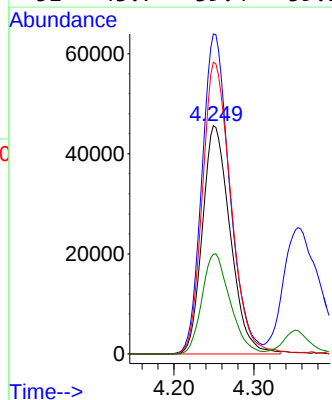
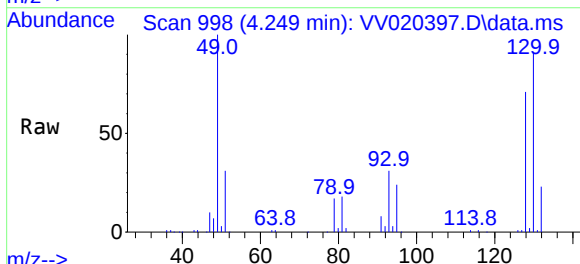
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

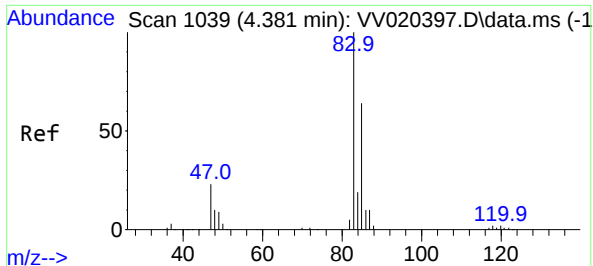
Tgt Ion: 43 Resp: 247278
Ion Ratio Lower Upper
43 100
72 27.1 12.7 38.1



#23
Bromochloromethane
Concen: 51.05 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 128 Resp: 110259
Ion Ratio Lower Upper
128 100
49 140.2 109.8 203.8
130 127.8 92.8 172.4
51 43.7 39.4 59.2



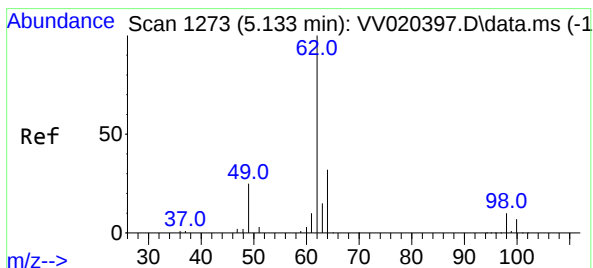
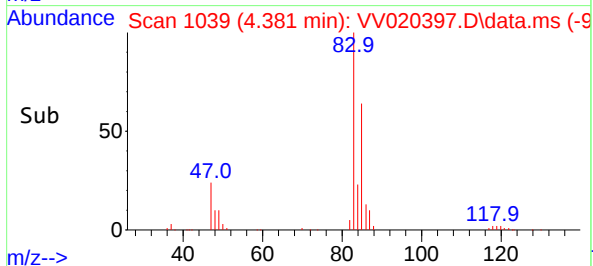
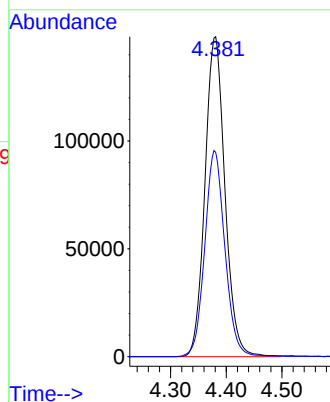
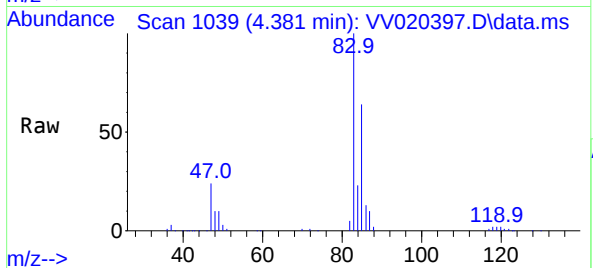


#25

Chloroform
Concen: 52.46 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

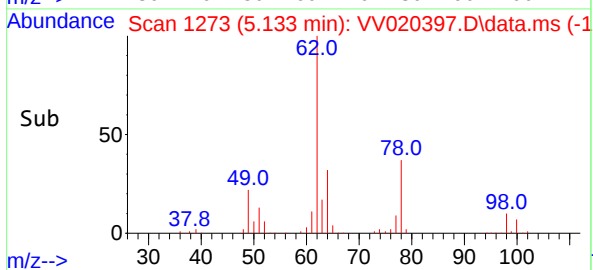
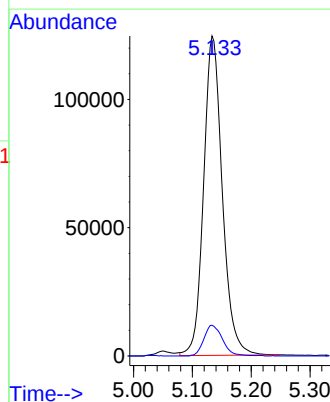
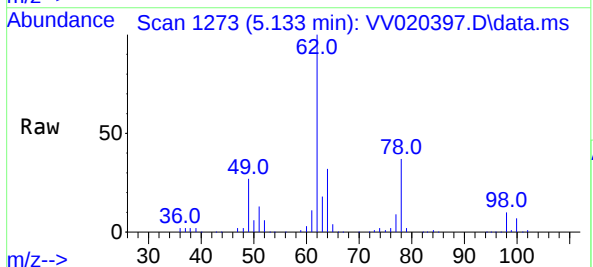
Tgt Ion: 83 Resp: 370110
Ion Ratio Lower Upper
83 100
85 63.9 44.6 82.8

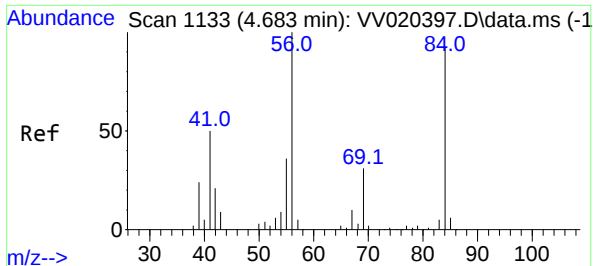


#27

1,2-Dichloroethane
Concen: 50.25 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 62 Resp: 274755
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.6





#29

Cyclohexane

Concen: 45.45 ug/L

RT: 4.683 min Scan# 1133

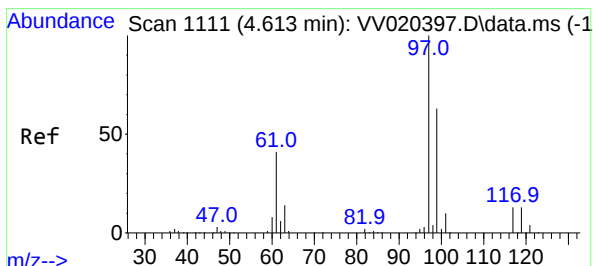
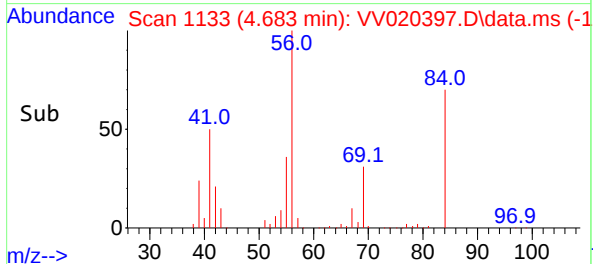
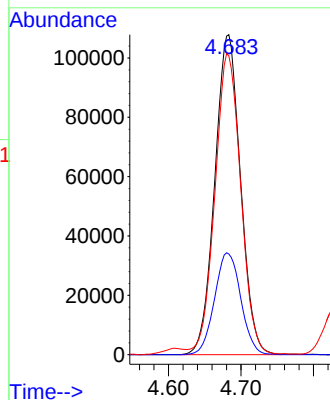
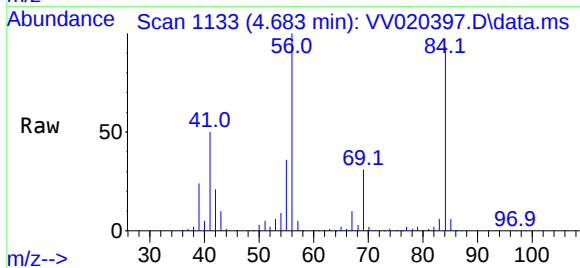
Delta R.T. 0.000 min

Lab File: VV020397.D

Acq: 24 Feb 2021 15:33

Tgt Ion: 56 Resp: 266058

Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.1	37.7
84	94.0	70.6	106.0



#30

1,1,1-Trichloroethane

Concen: 47.79 ug/L

RT: 4.613 min Scan# 1111

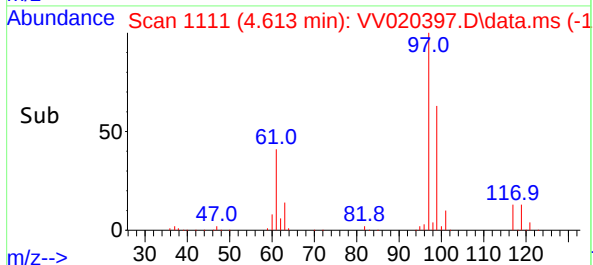
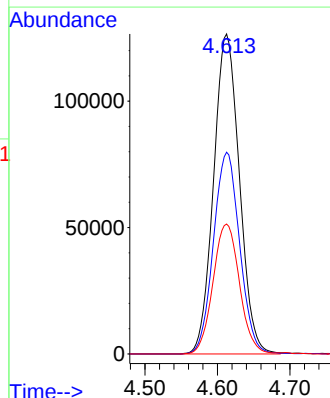
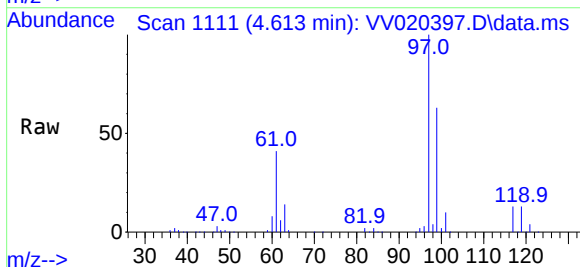
Delta R.T. 0.000 min

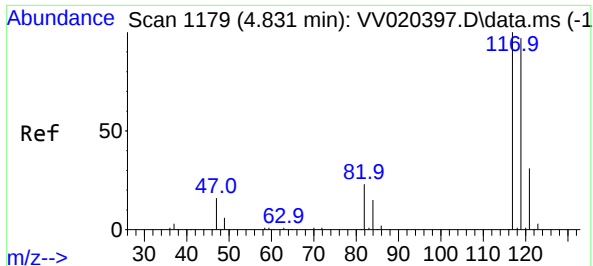
Lab File: VV020397.D

Acq: 24 Feb 2021 15:33

Tgt Ion: 97 Resp: 313389

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.9	77.9
61	41.7	35.4	53.2

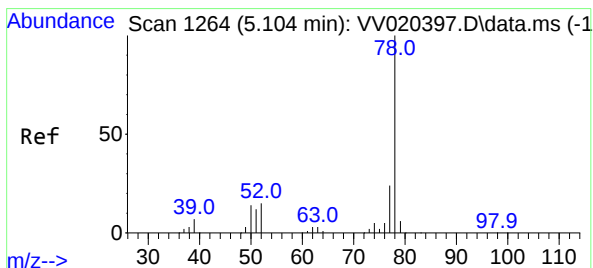
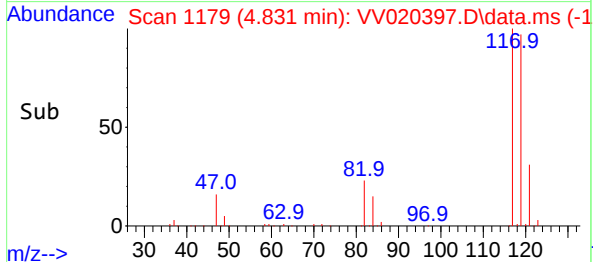
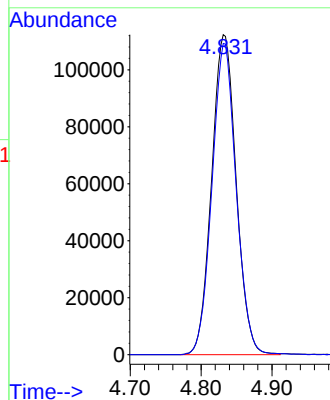
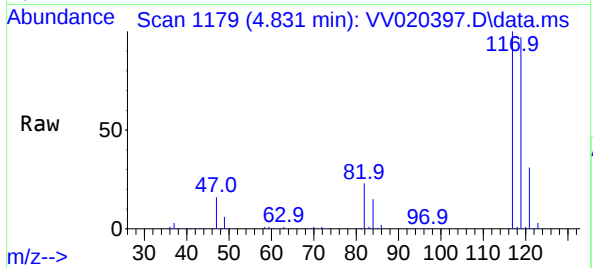




#31
Carbon tetrachloride
Concen: 47.48 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

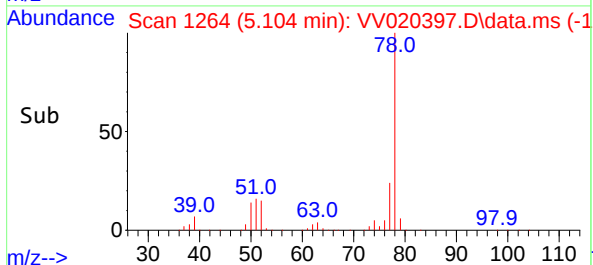
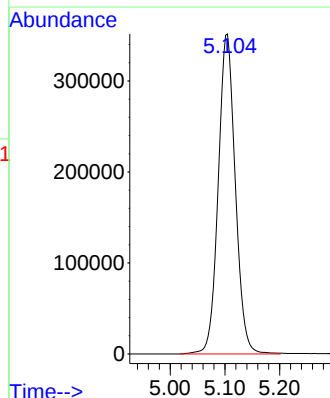
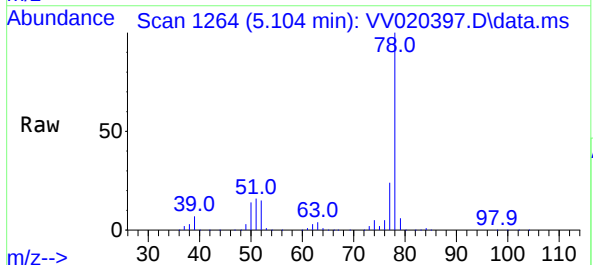
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

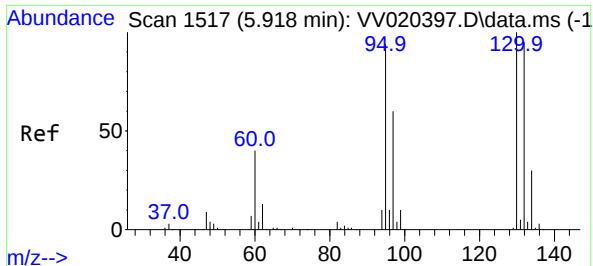
Tgt Ion:117 Resp: 269988
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3



#33
Benzene
Concen: 48.98 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 78 Resp: 762269

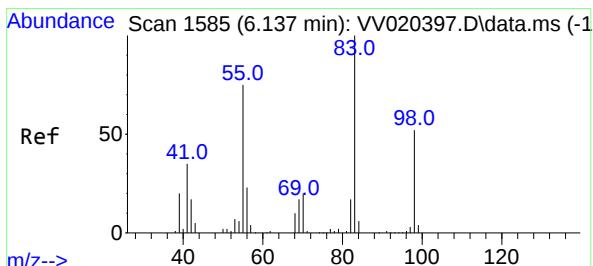
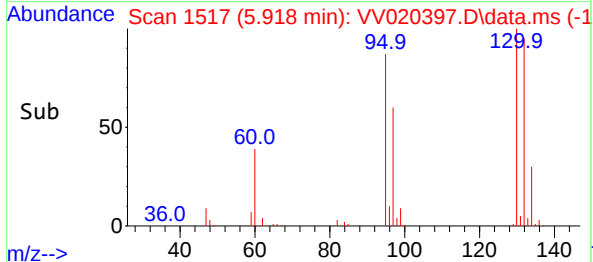
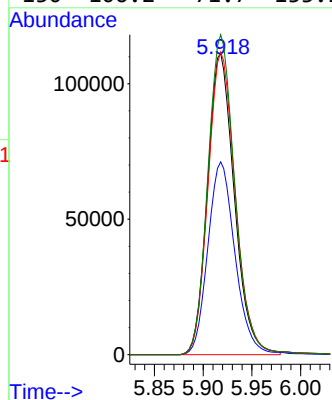
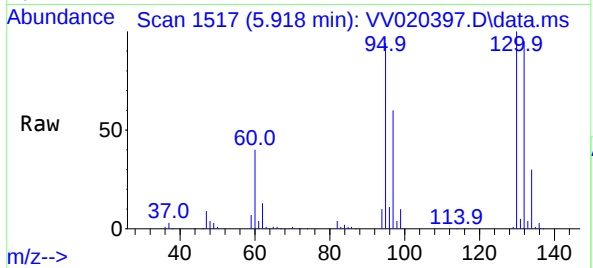




#34
Trichloroethene
Concen: 48.60 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

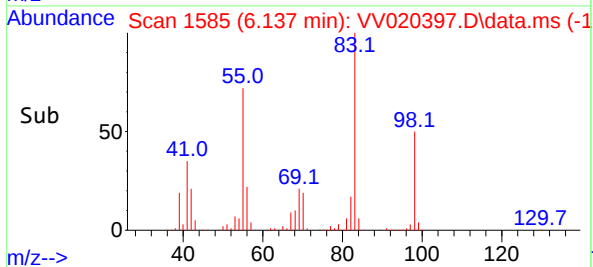
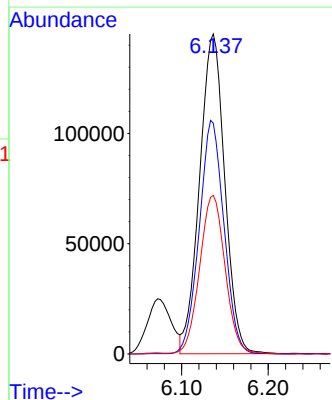
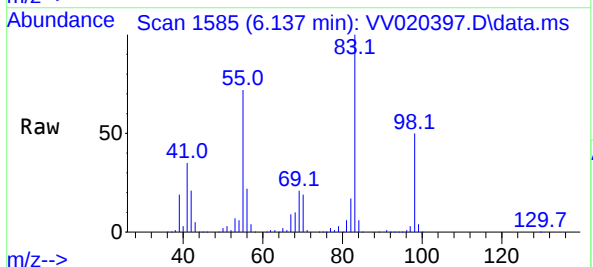
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

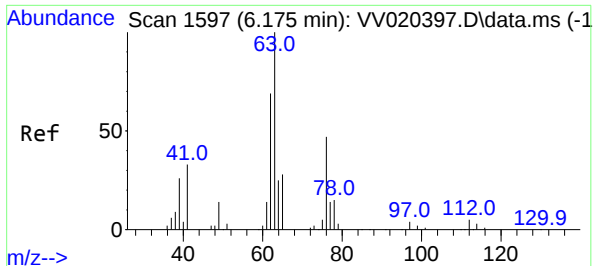
Tgt Ion: 95 Resp: 212797
Ion Ratio Lower Upper
95 100
97 64.0 45.4 84.4
132 100.4 68.7 127.7
130 106.2 71.7 133.1



#35
Methylcyclohexane
Concen: 46.36 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 83 Resp: 293206
Ion Ratio Lower Upper
83 100
55 71.8 61.4 92.0
98 50.2 39.9 59.9



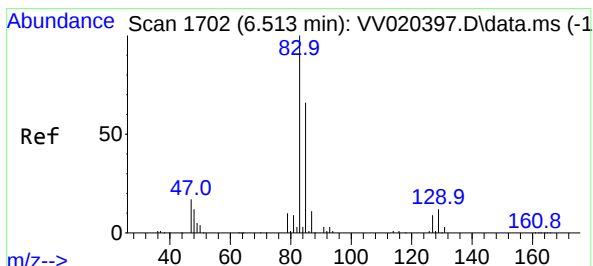
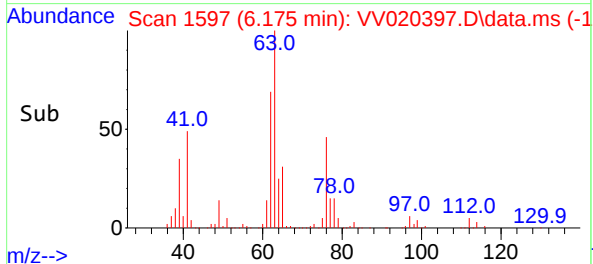
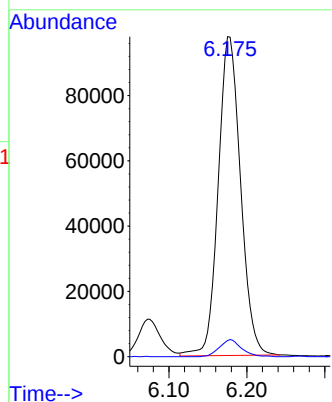
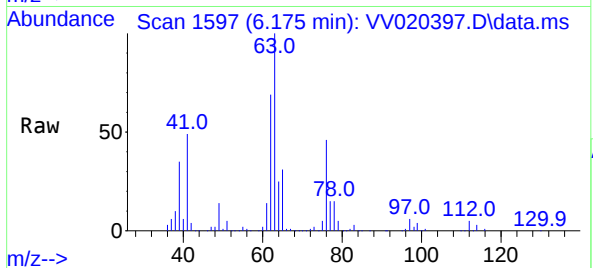


#37

1,2-Dichloropropane
Concen: 46.71 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

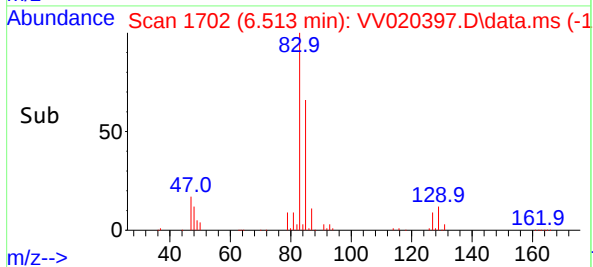
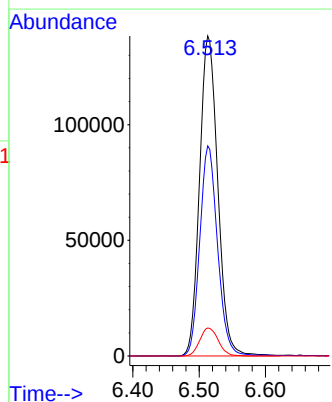
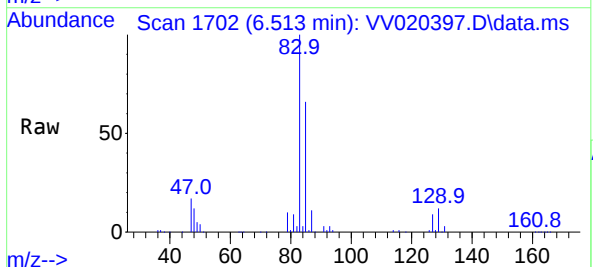
Tgt Ion: 63 Resp: 194841
Ion Ratio Lower Upper
63 100
112 5.2 3.9 5.9

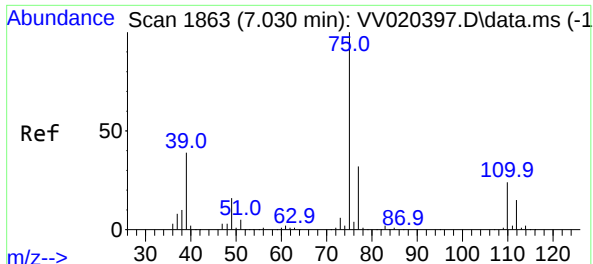


#38

Bromodichloromethane
Concen: 46.82 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 83 Resp: 264217
Ion Ratio Lower Upper
83 100
85 65.6 44.2 82.2
127 8.8 6.8 10.2

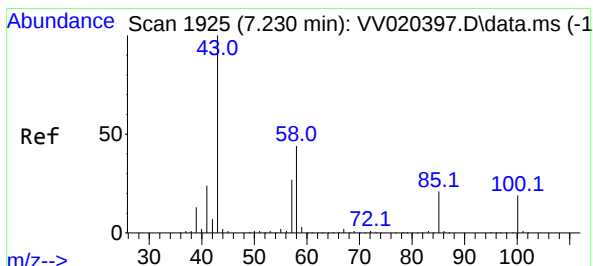
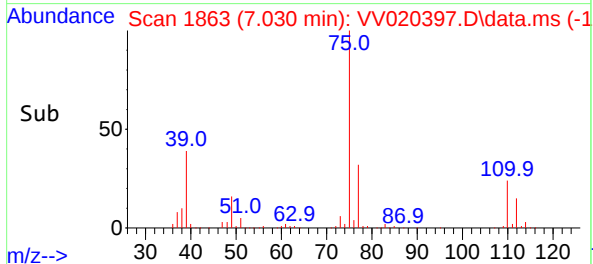
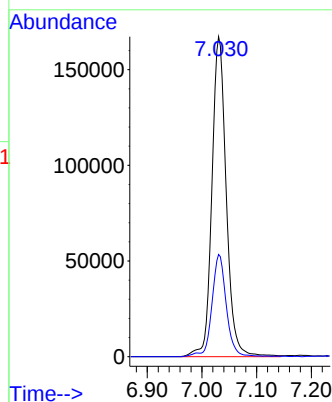
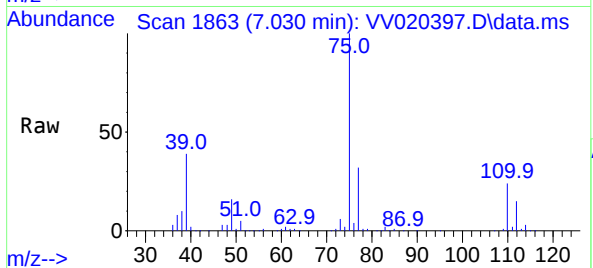




#39
cis-1,3-Dichloropropene
Concen: 48.79 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

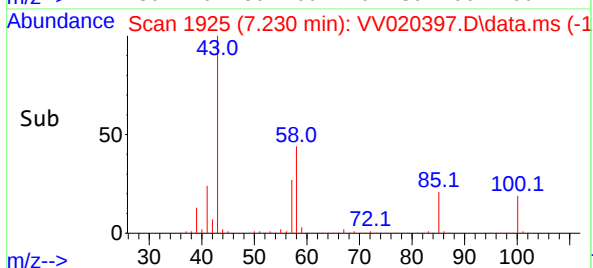
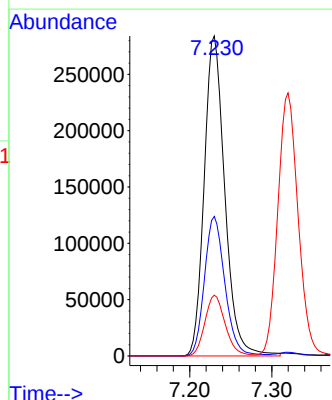
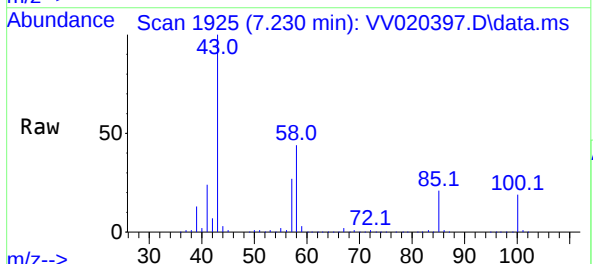
Instrument :
MSVOA_V
ClientSampled :
VSTD050165

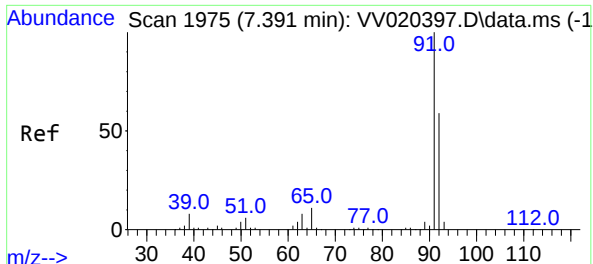
Tgt Ion: 75 Resp: 305232
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 88.88 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 43 Resp: 496130
Ion Ratio Lower Upper
43 100
58 43.2 32.1 48.1
100 18.7 13.4 20.0

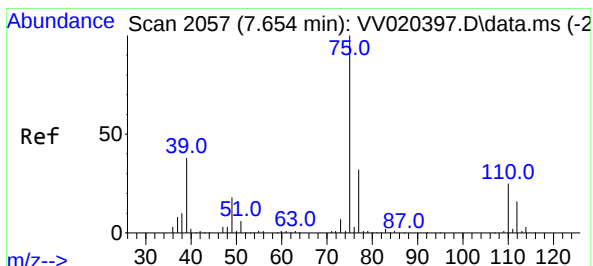
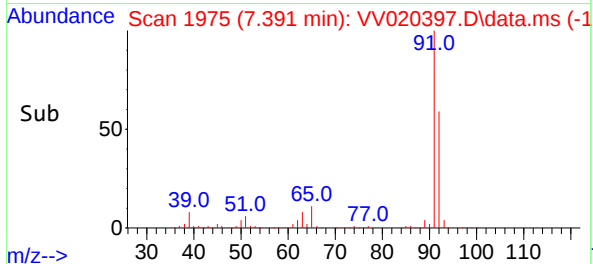
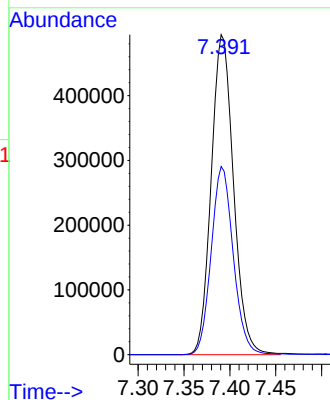
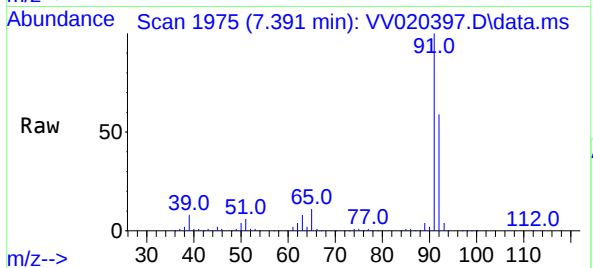




#42
Toluene
Concen: 49.49 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

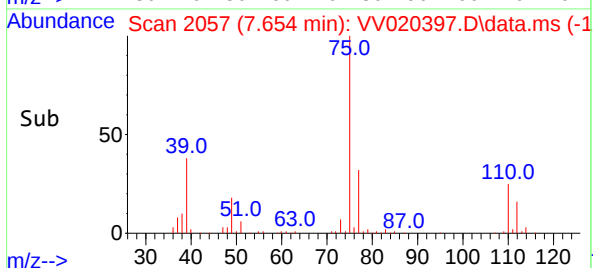
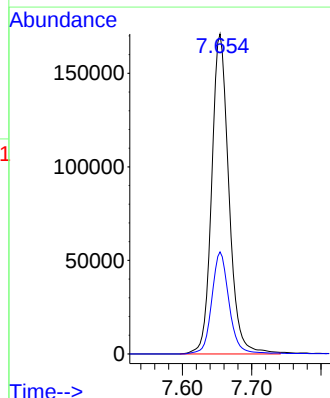
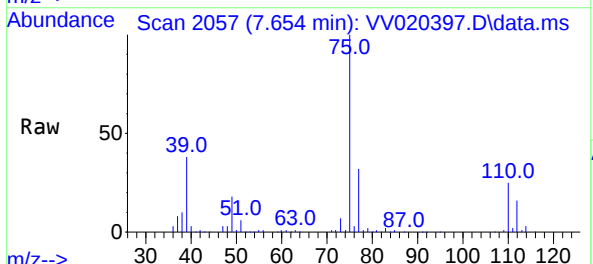
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

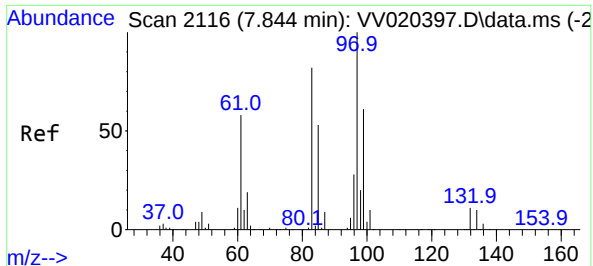
Tgt Ion: 91 Resp: 835602
Ion Ratio Lower Upper
91 100
92 58.8 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 48.80 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 75 Resp: 294868
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.7



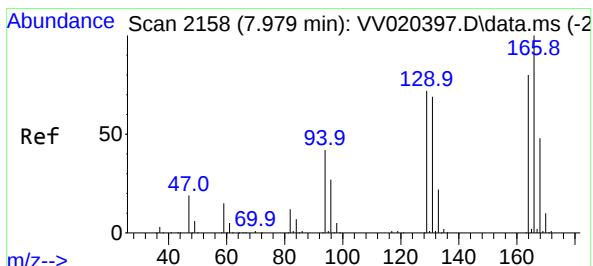
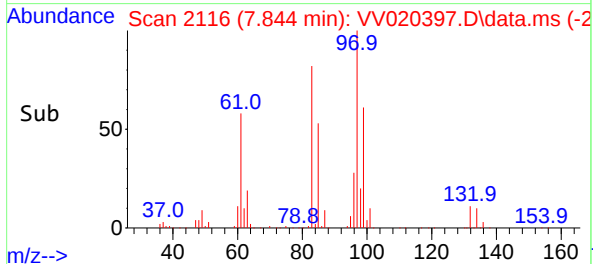
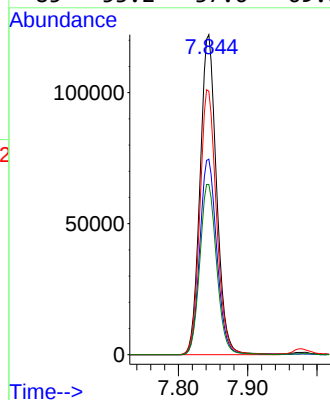
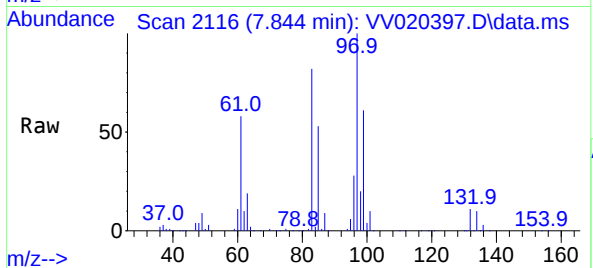


#45
1,1,2-Trichloroethane
Concen: 50.18 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

Tgt Ion: 97 Resp: 202607

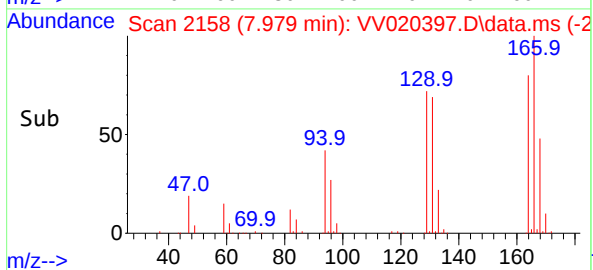
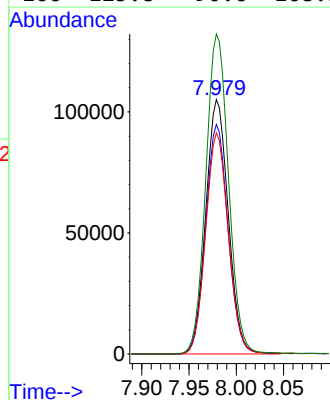
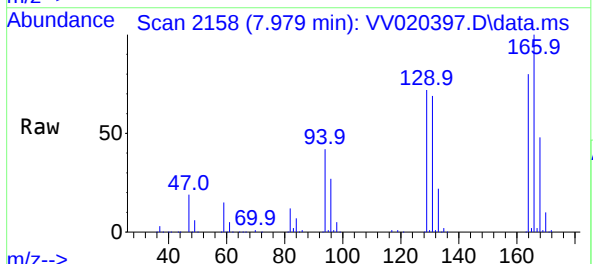
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.0	79.8
83	82.4	57.8	107.4
85	53.2	37.6	69.8

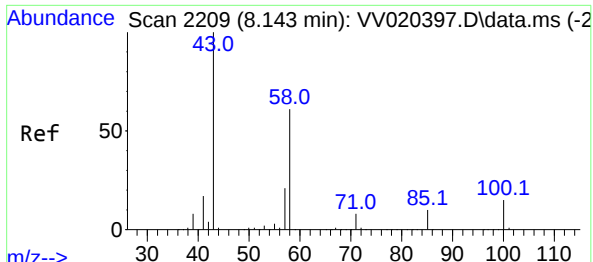


#46
Tetrachloroethene
Concen: 48.89 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 164 Resp: 174309

Ion	Ratio	Lower	Upper
164	100		
129	90.2	64.0	118.8
131	86.9	61.2	113.8
166	125.8	90.6	168.3



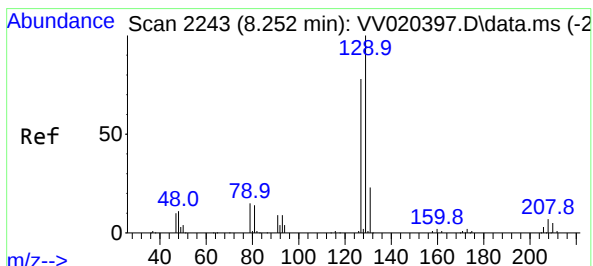
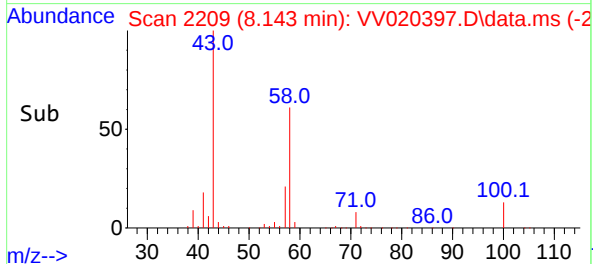
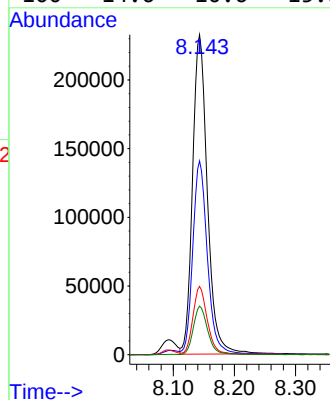
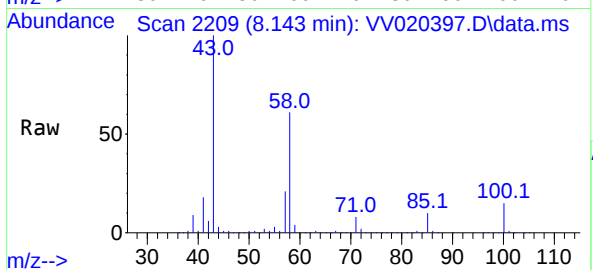


#48
2-Hexanone
Concen: 97.85 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

Tgt Ion: 43 Resp: 391477

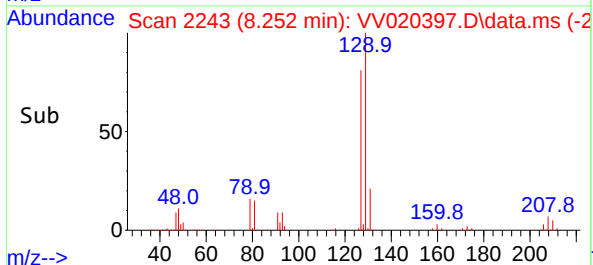
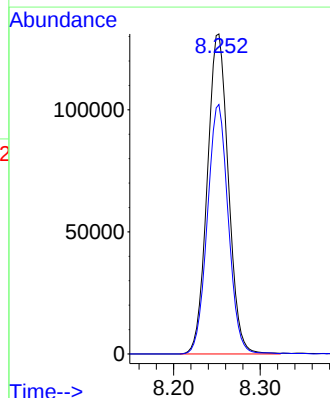
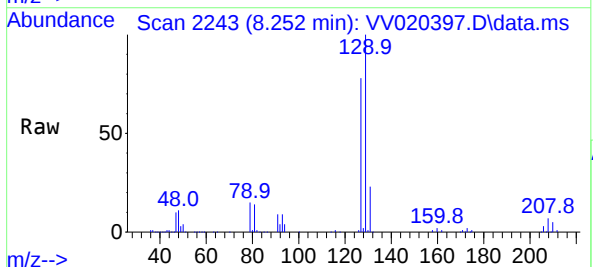
Ion	Ratio	Lower	Upper
43	100		
58	58.8	45.3	67.9
57	20.7	15.8	23.6
100	14.6	10.6	15.8

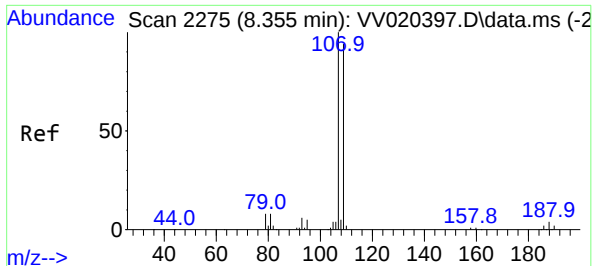


#49
Dibromochloromethane
Concen: 49.57 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 129 Resp: 221855

Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.7	101.7

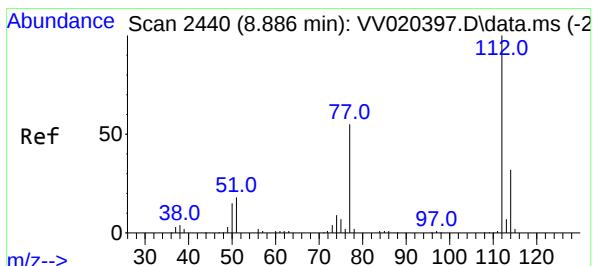
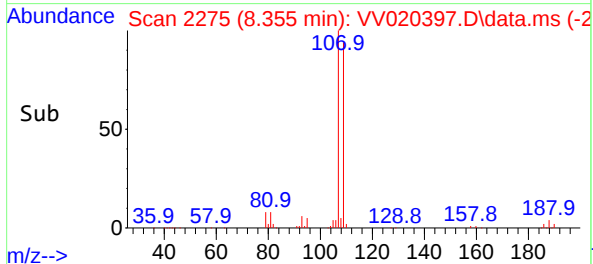
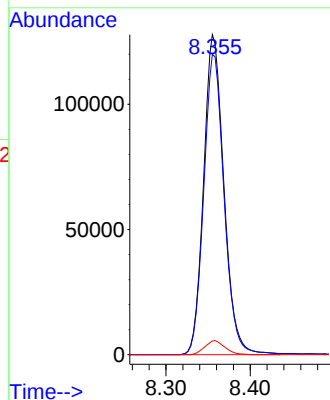
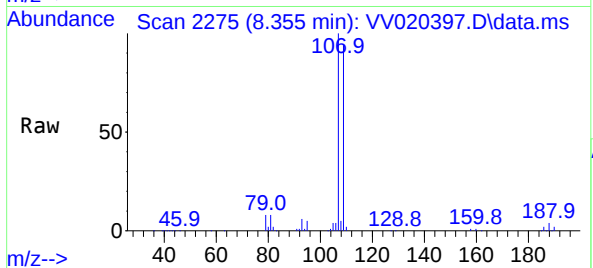




#50
1,2-Dibromoethane
Concen: 49.99 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

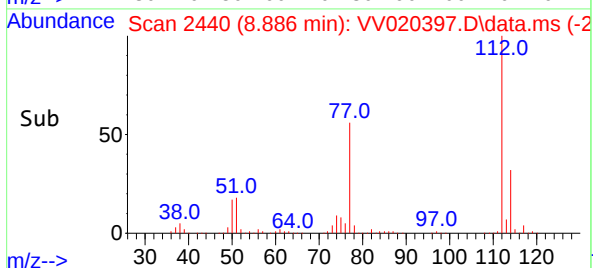
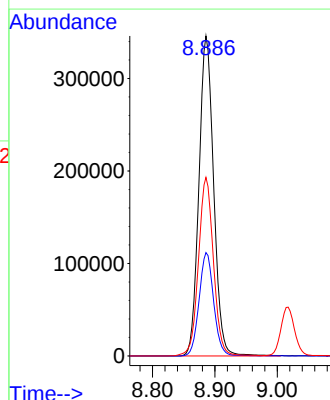
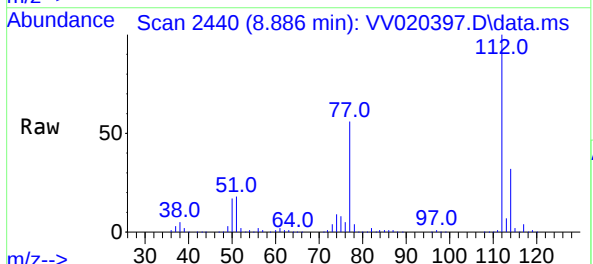
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

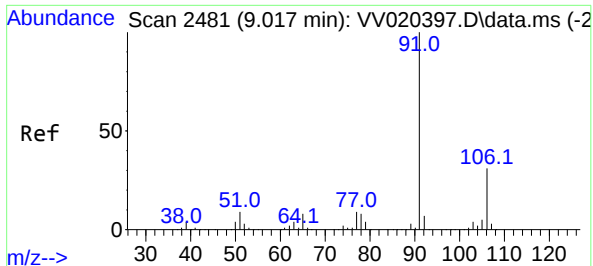
Tgt Ion:107 Resp: 214511
Ion Ratio Lower Upper
107 100
109 93.9 66.2 123.0
188 4.3 3.6 5.4



#51
Chlorobenzene
Concen: 50.53 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion:112 Resp: 567346
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.7
77 55.8 47.3 70.9

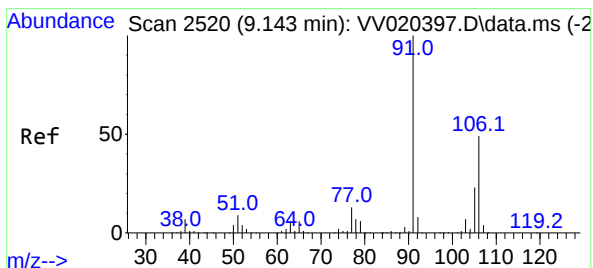
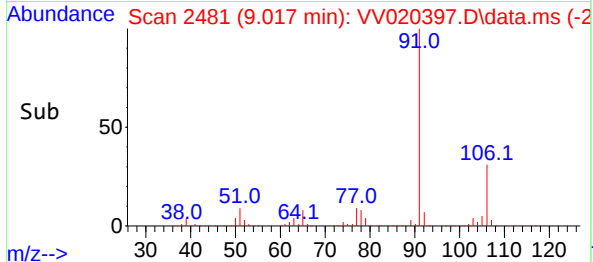
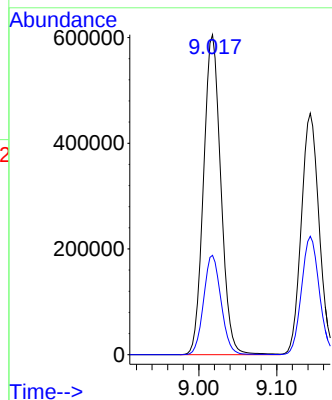
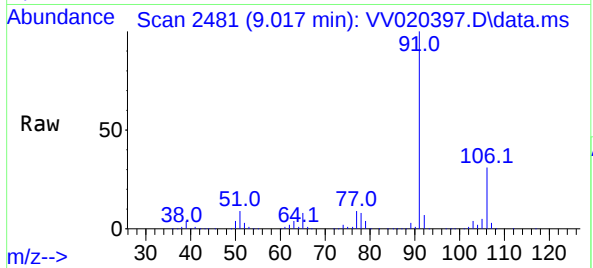




#52
Ethylbenzene
Concen: 50.40 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

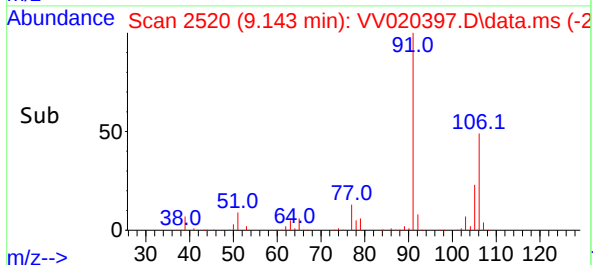
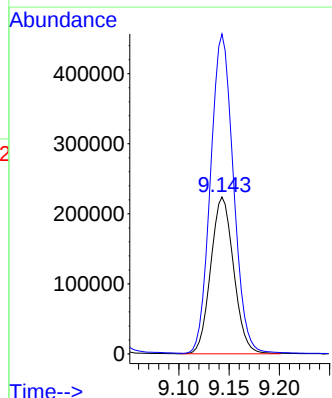
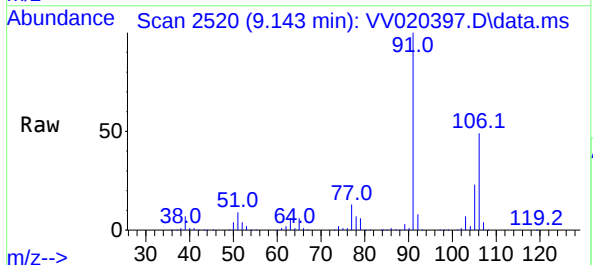
Instrument :
MSVOA_V
ClientSampled :
VSTD050165

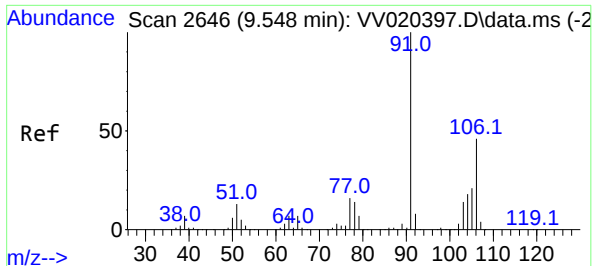
Tgt Ion: 91 Resp: 933136
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.6



#53
m,p-Xylene
Concen: 50.01 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 106 Resp: 353986
Ion Ratio Lower Upper
106 100
91 203.8 143.1 265.7

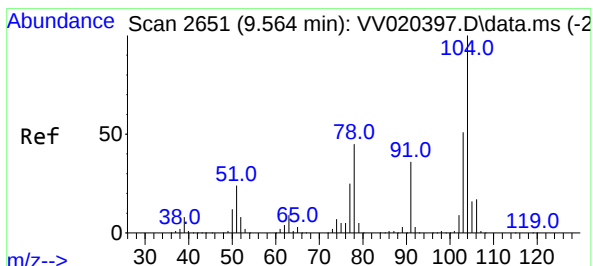
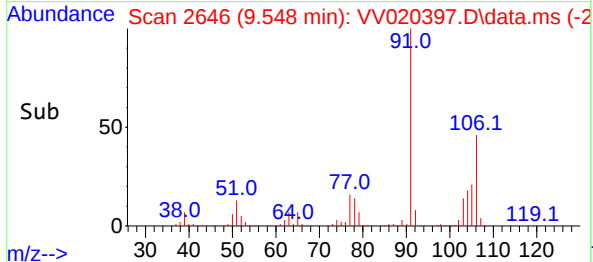
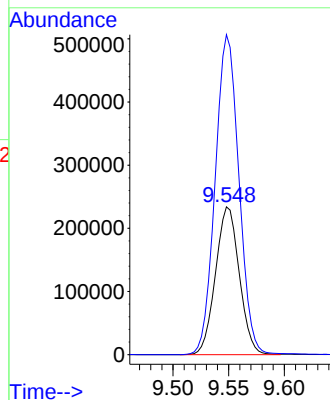
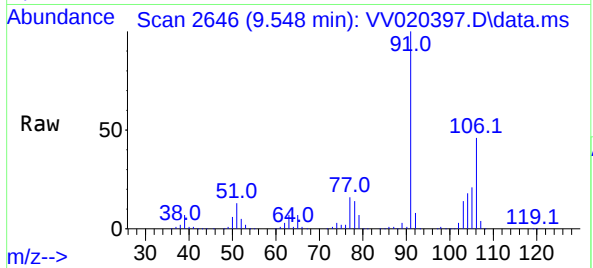




#54
o-Xylene
Concen: 49.75 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

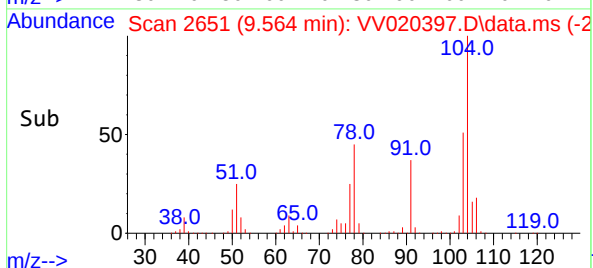
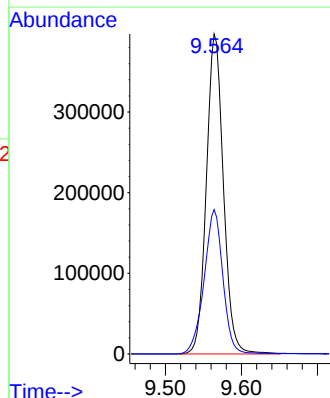
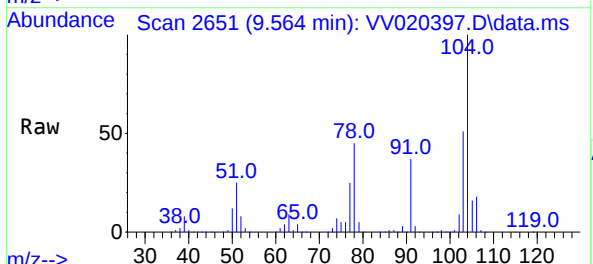
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

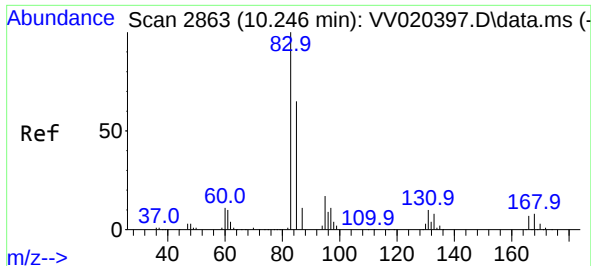
Tgt Ion:106 Resp: 347520
Ion Ratio Lower Upper
106 100
91 216.4 153.6 285.3



#55
Styrene
Concen: 51.32 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion:104 Resp: 618589
Ion Ratio Lower Upper
104 100
78 45.1 31.6 58.8

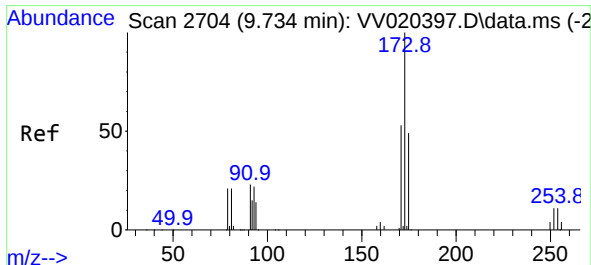
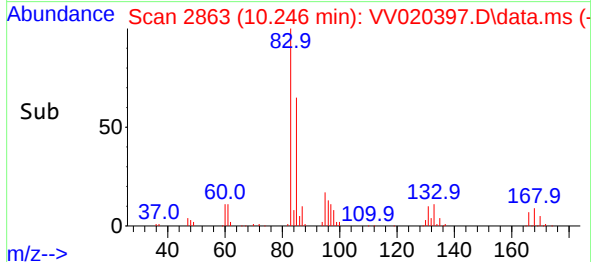
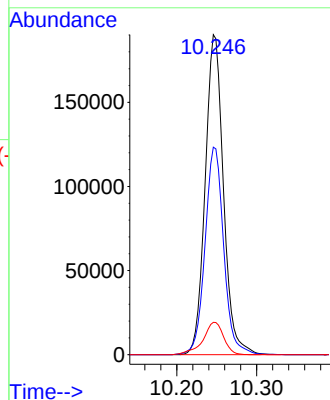
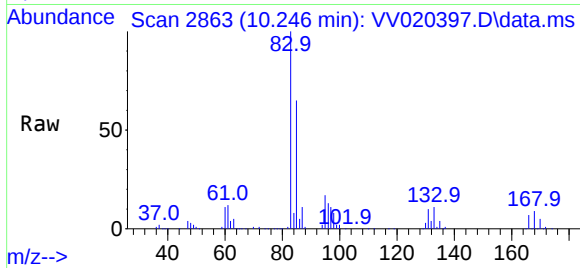




#57
1,1,2,2-Tetrachloroethane
Concen: 46.39 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

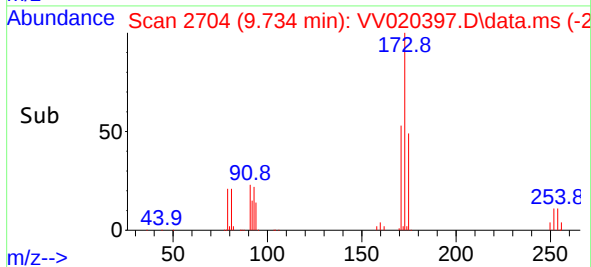
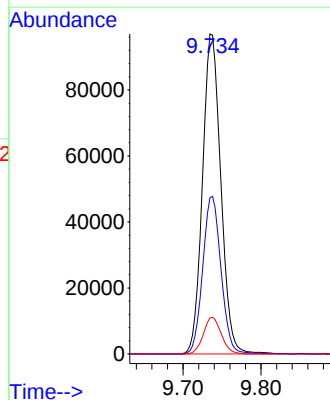
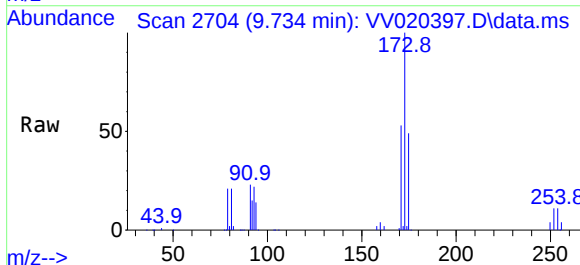
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

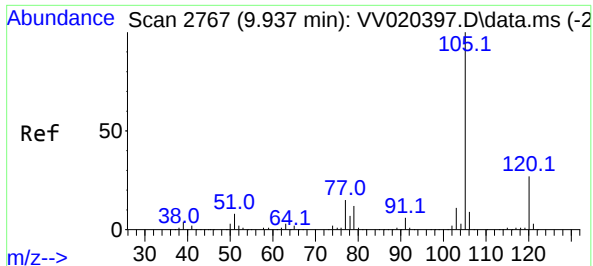
Tgt Ion: 83 Resp: 303005
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4
131 10.1 8.6 12.8



#59
Bromoform
Concen: 43.95 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 173 Resp: 158679
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
254 11.2 9.5 14.3



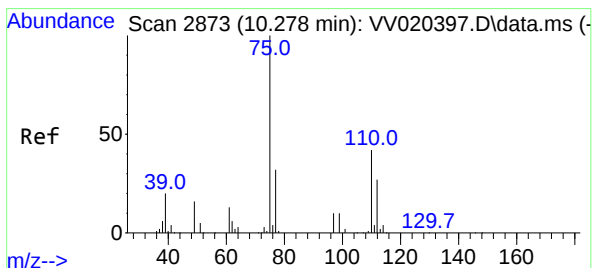
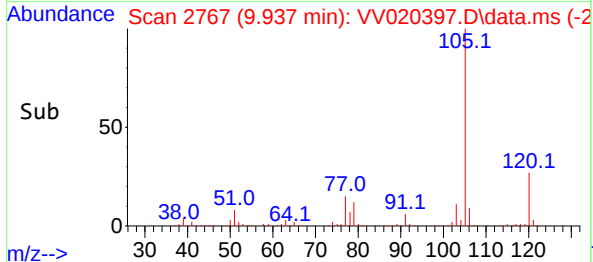
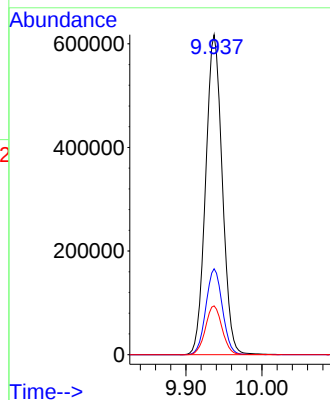
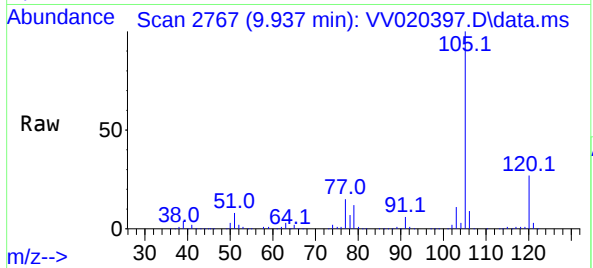


#60
Isopropylbenzene
Concen: 48.81 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

Tgt Ion:105 Resp: 938081

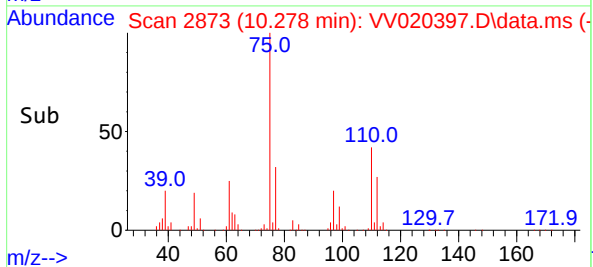
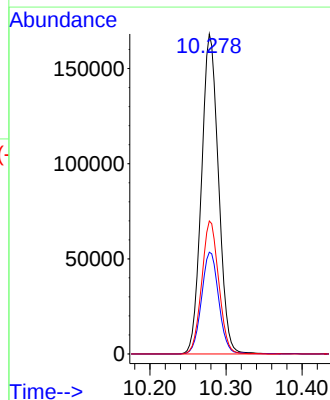
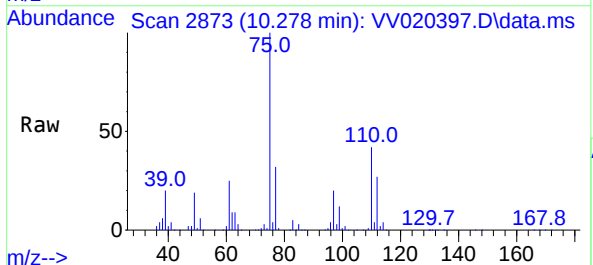
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.2	31.8
77	15.3	11.8	17.6

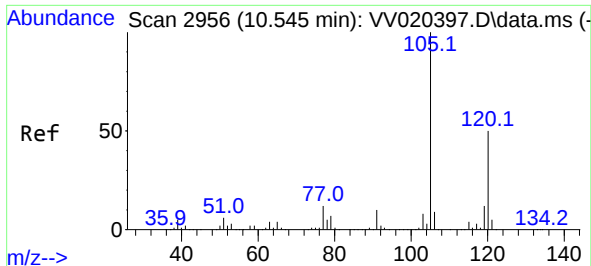


#61
1,2,3-Trichloropropane
Concen: 48.78 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 75 Resp: 261434

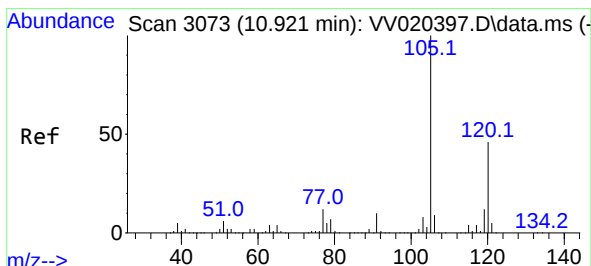
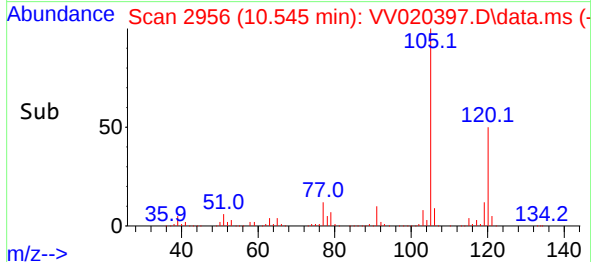
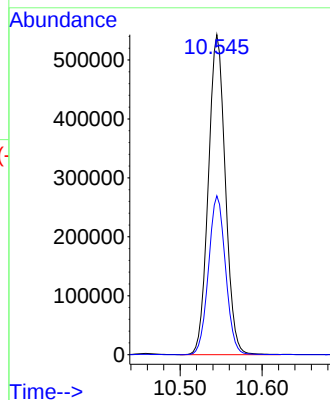
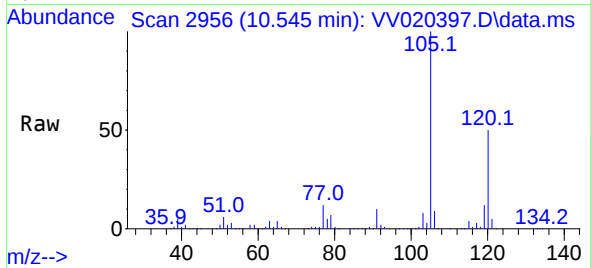
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
110	41.4	33.3	49.9





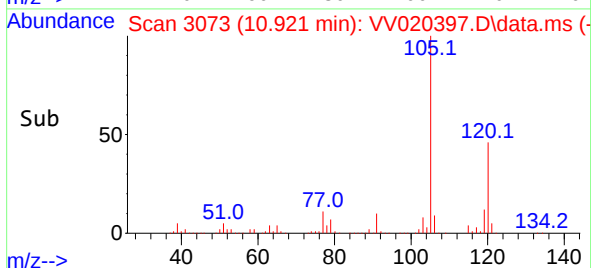
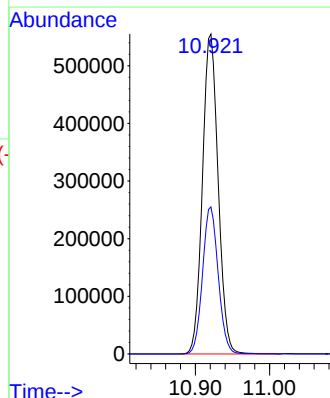
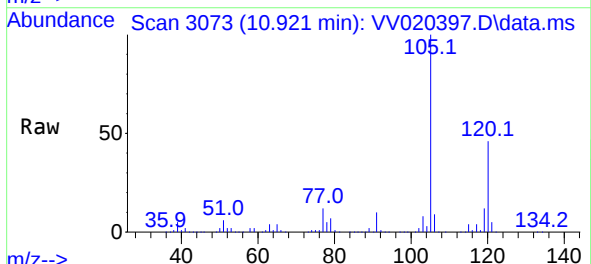
#62
1,3,5-Trimethylbenzene
Concen: 47.85 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion:105 Resp: 780433
Ion Ratio Lower Upper
105 100
120 49.8 39.9 59.9

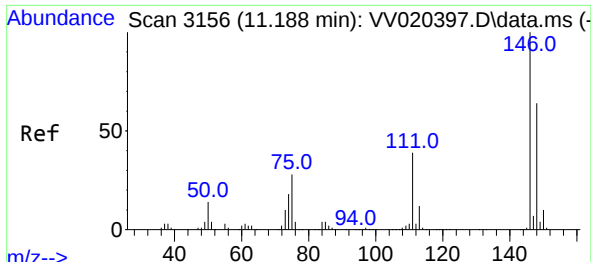


#63
1,2,4-Trimethylbenzene
Concen: 50.63 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion:105 Resp: 814764
Ion Ratio Lower Upper
105 100
120 45.9 37.0 55.6



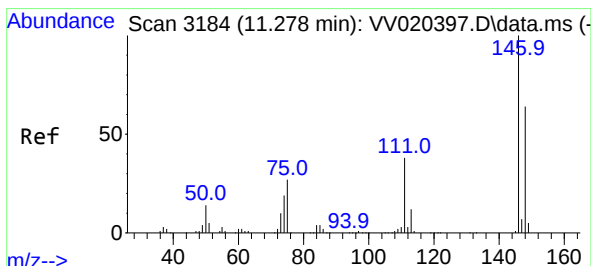
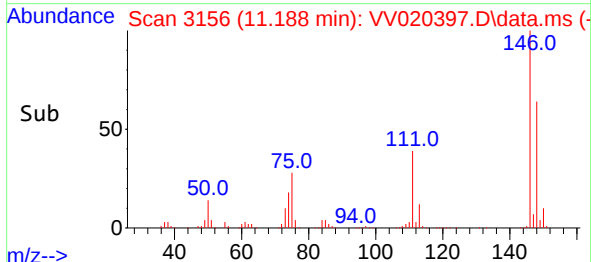
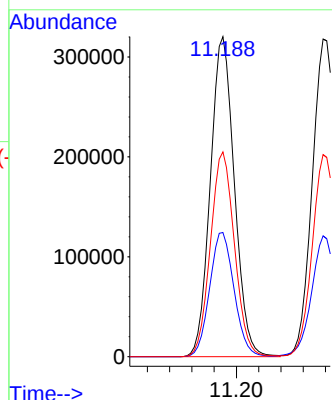
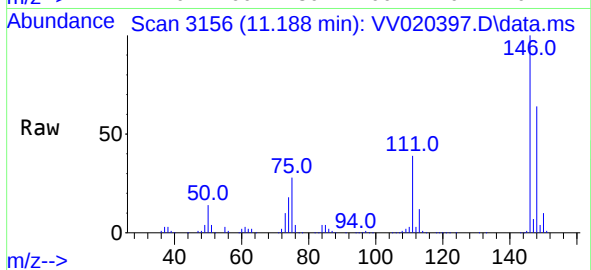
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165



#64
1,3-Dichlorobenzene
Concen: 49.40 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

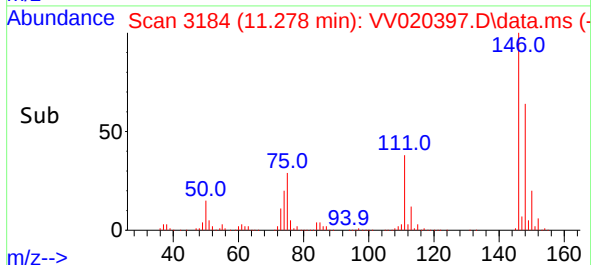
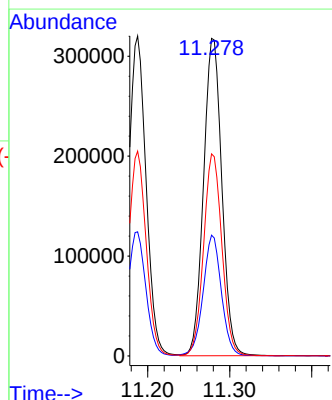
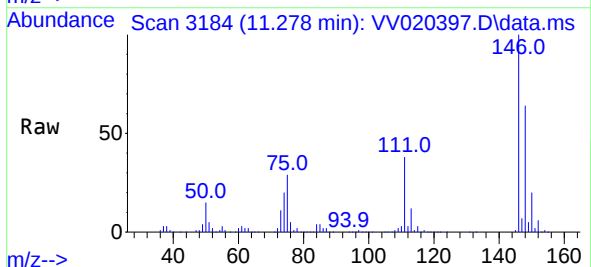
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

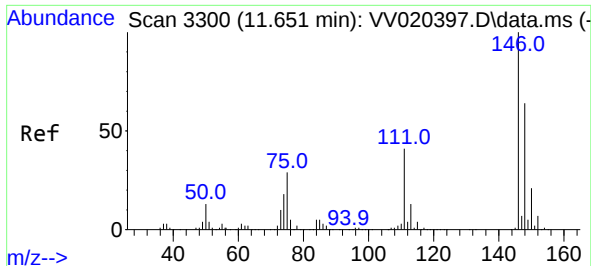
Tgt Ion:146 Resp: 479618
Ion Ratio Lower Upper
146 100
111 38.8 27.4 51.0
148 64.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 49.23 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion:146 Resp: 492193
Ion Ratio Lower Upper
146 100
111 38.0 26.1 48.5
148 63.6 44.6 82.8

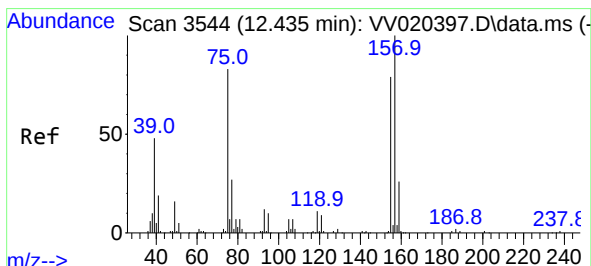
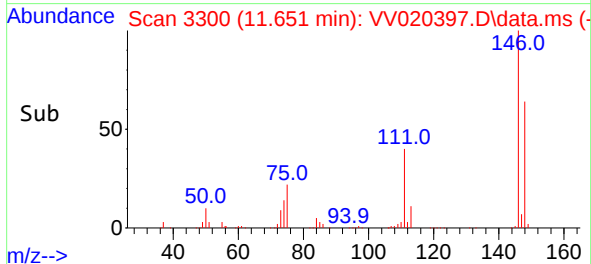
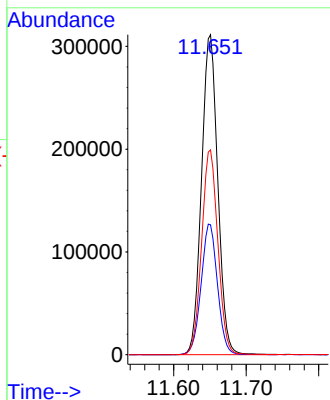
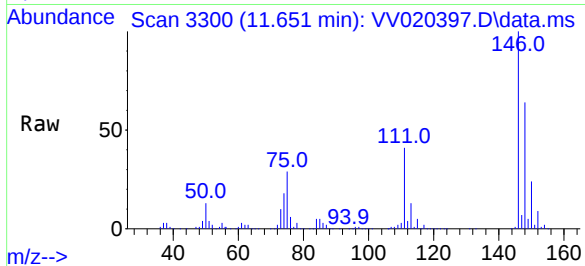




#67
1,2-Dichlorobenzene
Concen: 49.58 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

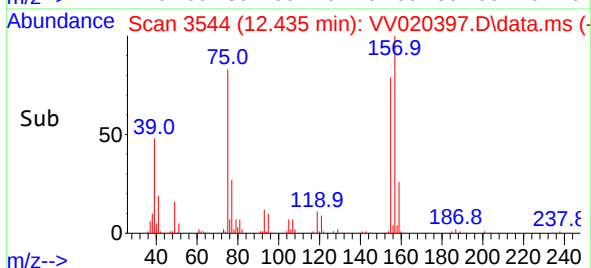
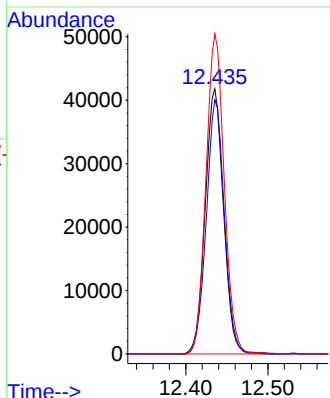
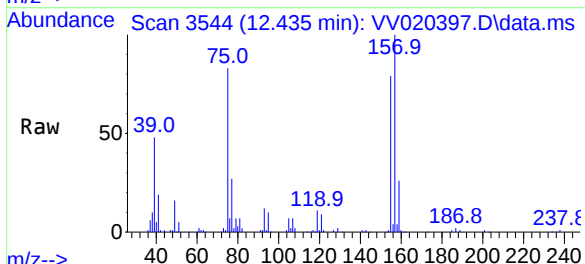
Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

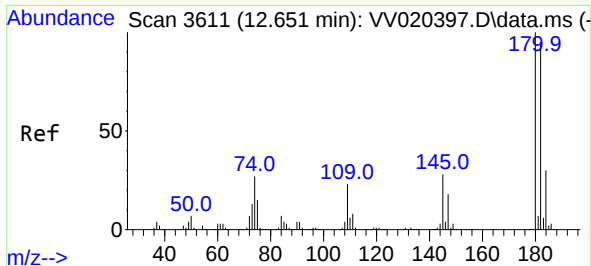
Tgt Ion:146 Resp: 484977
Ion Ratio Lower Upper
146 100
111 40.6 32.4 48.6
148 64.0 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 42.96 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion: 75 Resp: 64926
Ion Ratio Lower Upper
75 100
155 95.8 74.1 111.1
157 120.7 95.8 143.8



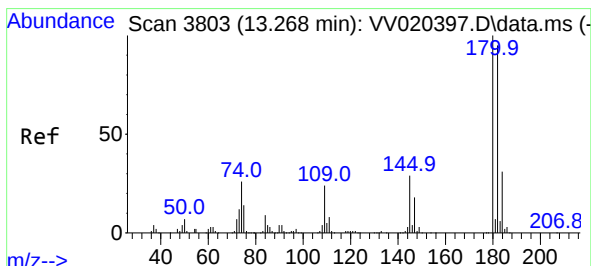
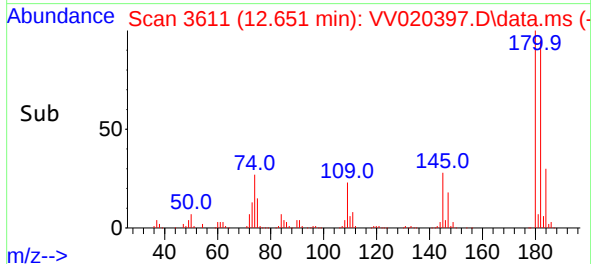
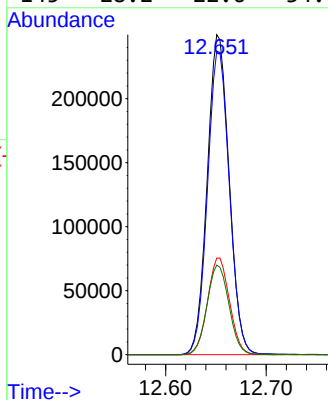
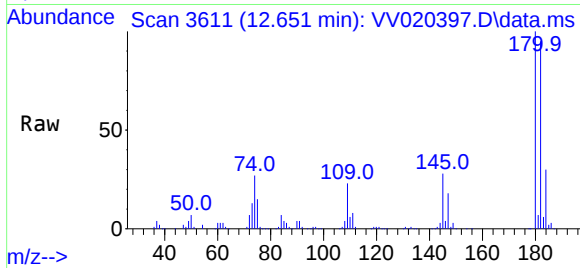


#69
1,3,5-Trichlorobenzene
Concen: 46.74 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

Tgt Ion:180 Resp: 378193

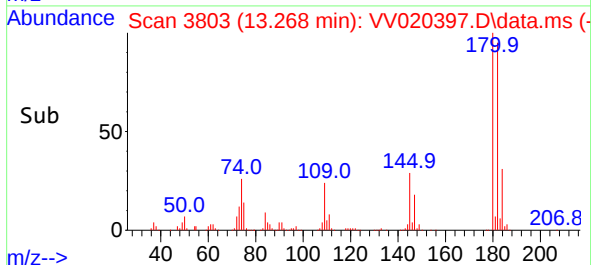
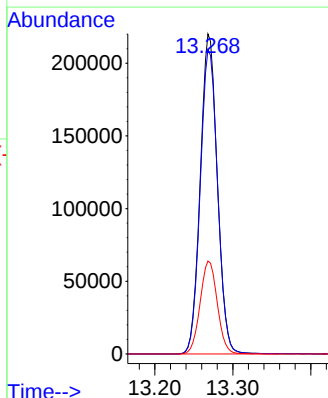
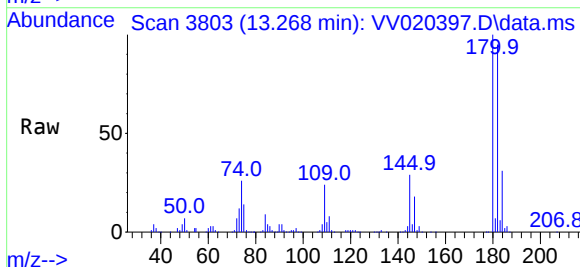
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.1	114.1
184	30.3	24.1	36.1
145	28.2	22.6	34.0

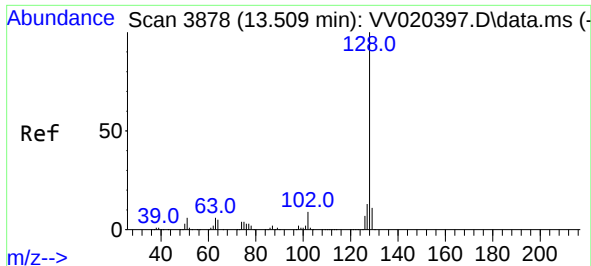


#70
1,2,4-trichlorobenzene
Concen: 45.26 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion:180 Resp: 334287

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.1	115.7
145	29.2	23.4	35.2

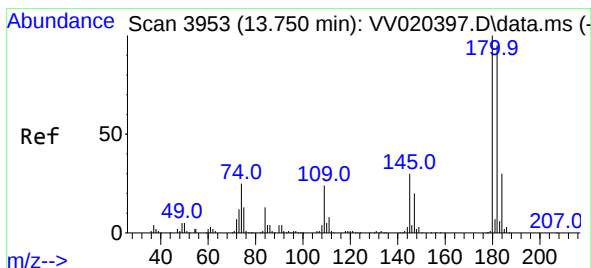
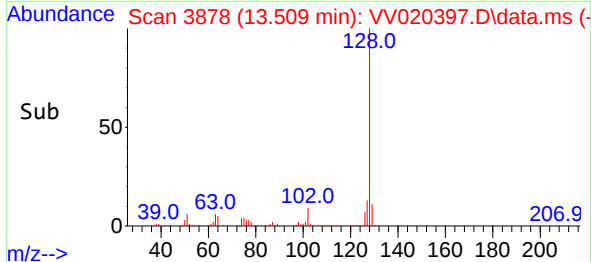
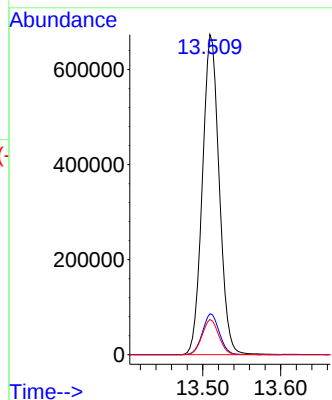
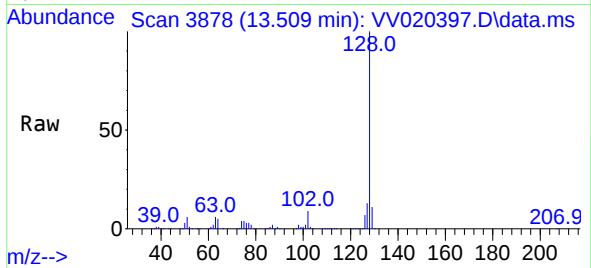




#71
Naphthalene
Concen: 48.37 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD050165

Tgt Ion:128 Resp: 1008722
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 46.65 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020397.D
Acq: 24 Feb 2021 15:33

Tgt Ion:180 Resp: 344318
Ion Ratio Lower Upper
180 100
182 94.9 76.6 114.8
145 31.0 24.5 36.7

