

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022421\
 Data File : VW020382.D
 Acq On : 23 Feb 2021 14:58
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005705

Quant Time: Feb 24 02:51:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 02:49:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.622	114	299088	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	289794	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	160050	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	99091	4.77 ug/L	0.00
7) Chloroethane-d5	1.568	69	77910	4.40 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	192088	6.09 ug/L	0.00
20) 2-Butanone-d5	3.908	46	187997	44.63 ug/L	0.00
24) Chloroform-d	4.352	84	185737	4.64 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	88166	4.46 ug/L	0.00
32) Benzene-d6	5.053	84	357891	4.73 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	104239	4.68 ug/L	0.00
41) Toluene-d8	7.320	98	345409	4.90 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	39500	4.74 ug/L	0.00
46) 2-Hexanone-d5	8.095	63	147490	43.54 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	76898	5.11 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	135819	4.93 ug/L	0.00
Target Compounds					
2) Dichlorodifluoromethane	1.130	85	190284	6.09 ug/L	Qvalue 100
3) Chloromethane	1.240	50	158482	5.32 ug/L	100
5) Vinyl chloride	1.310	62	170099	5.83 ug/L	100
6) Bromomethane	1.523	94	106441	6.18 ug/L	100
8) Chloroethane	1.584	64	100411	5.85 ug/L	100
9) Trichlorofluoromethane	1.754	101	245182	6.72 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	135050	7.01 ug/L	100
12) 1,1-Dichloroethene	2.117	96	125620	6.82 ug/L	100
13) Acetone	2.201	43	153629	59.96 ug/L	100
14) Carbon disulfide	2.294	76	371234	5.72 ug/L	100
15) Methyl Acetate	2.445	43	38808	5.21 ug/L	100
16) Methylene chloride	2.506	84	124678	5.41 ug/L	100
17) Methyl tert-butyl Ether	2.773	73	245763	5.25 ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	127402	5.57 ug/L	100
19) 1,1-Dichloroethane	3.191	63	224368	5.50 ug/L	100
21) 2-Butanone	3.989	43	239883	50.38 ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	134956	5.68 ug/L	100
23) Bromochloromethane	4.252	128	60076	5.83 ug/L	100
25) Chloroform	4.381	83	242238	5.70 ug/L	100
27) 1,2-Dichloroethane	5.137	62	136544	5.45 ug/L	100
29) 1,1,1-Trichloroethane	4.613	97	214240	5.66 ug/L	100
30) Cyclohexane	4.680	56	198319	5.54 ug/L	100
31) Carbon tetrachloride	4.831	117	183451	5.56 ug/L	100
33) Benzene	5.101	78	516678	5.77 ug/L	100
34) Trichloroethene	5.918	95	141393	5.70 ug/L	100
35) Methylcyclohexane	6.133	83	215163	5.77 ug/L	100
37) 1,2-Dichloropropane	6.178	63	124684	5.76 ug/L	100
38) Bromodichloromethane	6.516	83	155187	5.50 ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	167656	5.62 ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	601334	51.46 ug/L	100
42) Toluene	7.391	91	573285	5.97 ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	138074	5.52 ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	86882	5.71 ug/L	100

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 02:49:39 2021
 Response via : Initial Calibration

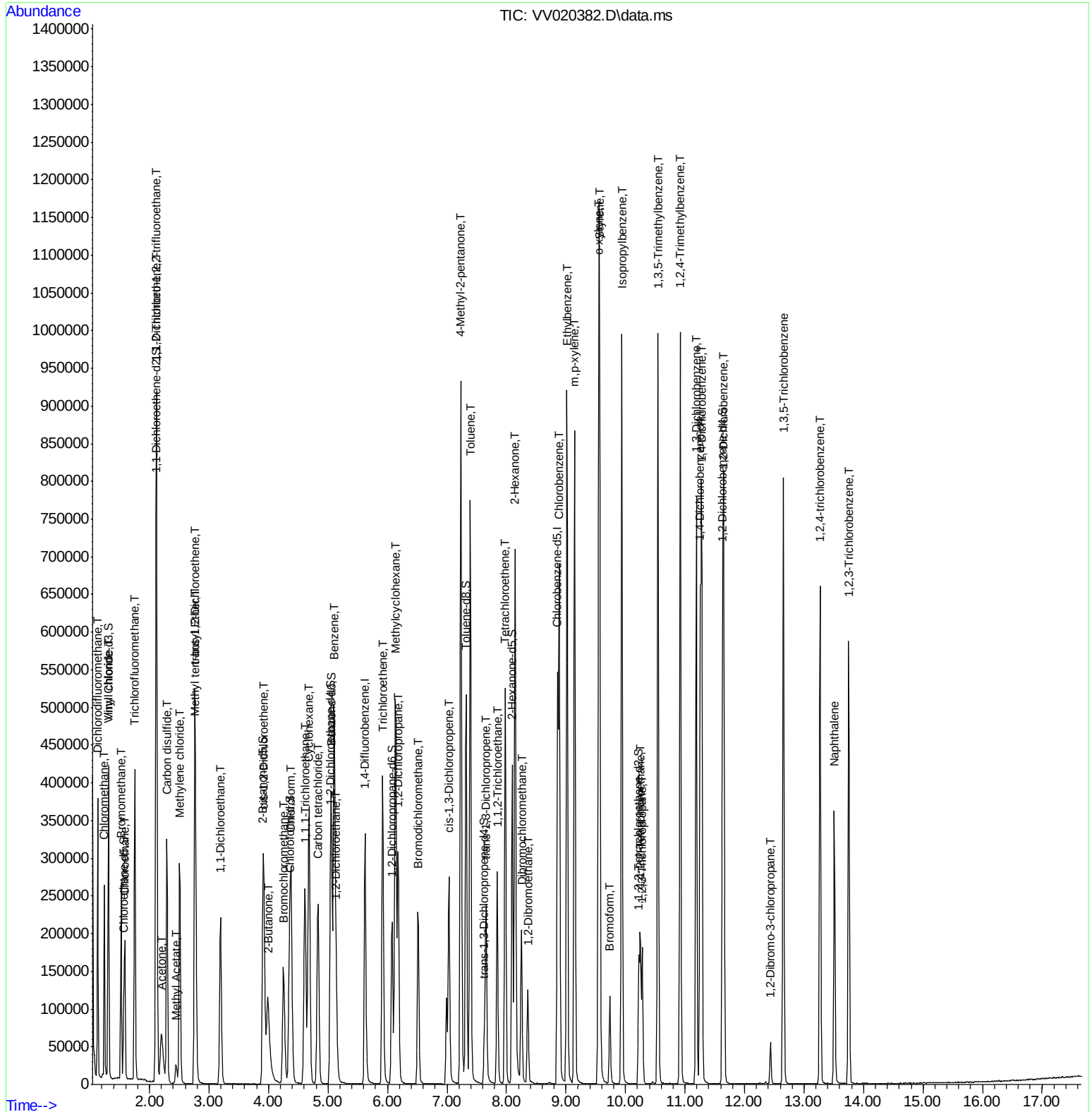
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
47) Tetrachloroethene	7.979	164	122167	5.75 ug/L	100
48) 2-Hexanone	8.143	43	430744	52.88 ug/L	100
49) Dibromochloromethane	8.252	129	103788	5.72 ug/L	100
50) 1,2-Dibromoethane	8.358	107	81156	5.62 ug/L	100
51) Chlorobenzene	8.886	112	369194	5.82 ug/L	100
52) Ethylbenzene	9.017	91	625701	5.83 ug/L	100
53) m,p-xylene	9.143	106	243776	6.05 ug/L	100
54) o-xylene	9.548	106	230821	5.95 ug/L	100
55) Styrene	9.564	104	394726	6.00 ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.249	83	93038	5.82 ug/L	100
59) Bromoform	9.738	173	52860	5.48 ug/L	100
60) Isopropylbenzene	9.937	105	628408	6.19 ug/L	100
61) 1,2,3-Trichloropropane	10.281	75	73570	6.22 ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	521613	6.21 ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	529756	6.16 ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	314528	5.95 ug/L	100
65) 1,4-Dichlorobenzene	11.281	146	310321	5.83 ug/L	100
67) 1,2-Dichlorobenzene	11.651	146	280491	5.91 ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	12845	4.78 ug/L	100
69) 1,3,5-Trichlorobenzene	12.654	180	256019	5.68 ug/L	100
70) 1,2,4-trichlorobenzene	13.268	180	206361	5.68 ug/L	100
71) Naphthalene	13.509	128	286900	5.80 ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	182308	5.67 ug/L	100

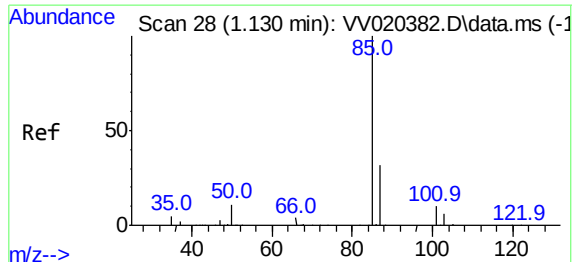
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Operator  : SY/MD  
Sample    : VSTD00561  
Misc      : 25.0mL/MSVOA_V/WATER  
ALS Vial  : 1   Sample Multiplier: 1
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ClientSampleId :
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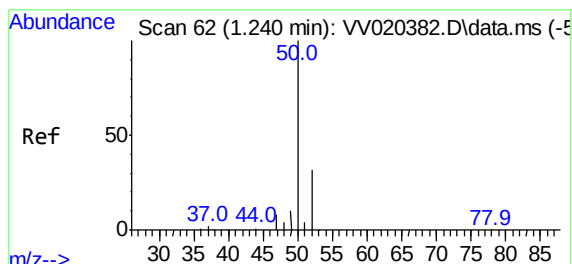
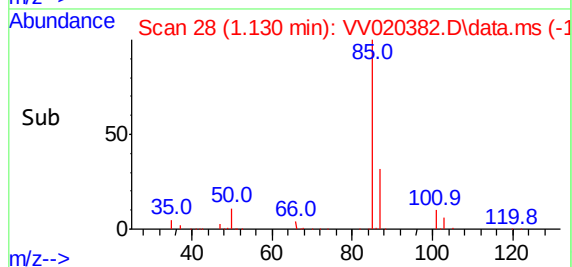
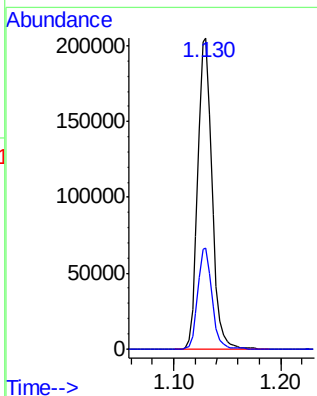
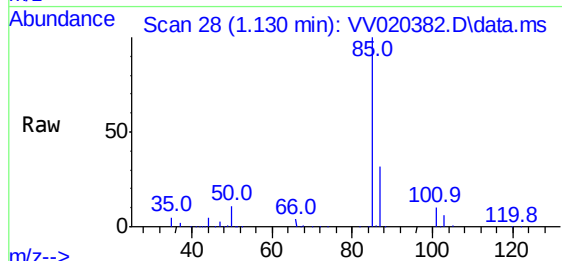


#2

Dichlorodifluoromethane
 Concen: 6.09 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020382.D
 Acq: 23 Feb 2021 14:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005705

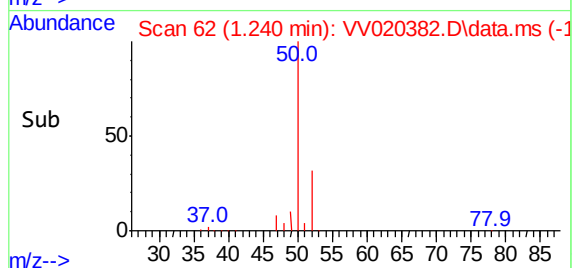
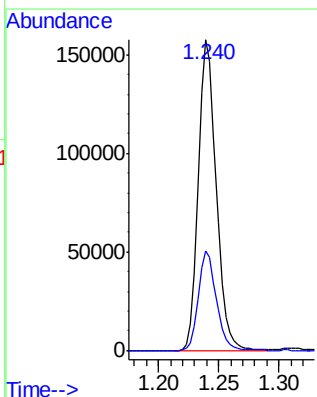
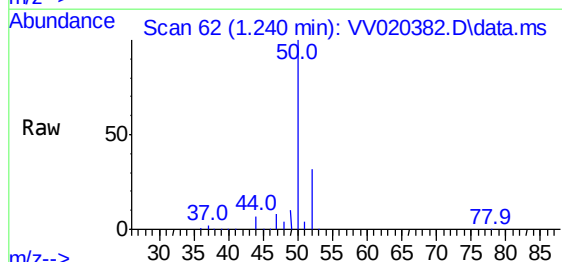
Tgt Ion: 85 Resp: 190284
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5

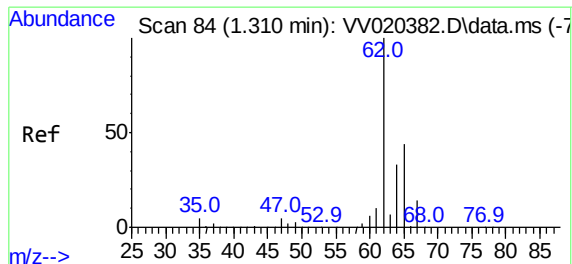


#3

Chloromethane
 Concen: 5.32 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV020382.D
 Acq: 23 Feb 2021 14:58

Tgt Ion: 50 Resp: 158482
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.9

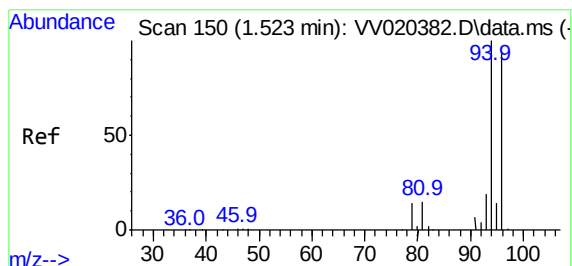
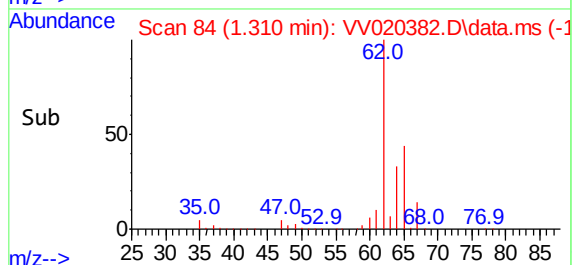
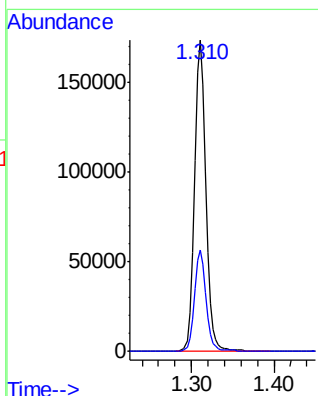
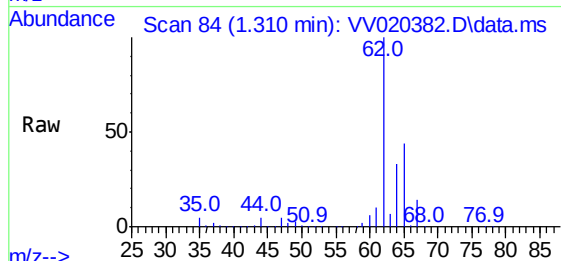




#5
 Vinyl chloride
 Concen: 5.83 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020382.D
 Acq: 23 Feb 2021 14:58

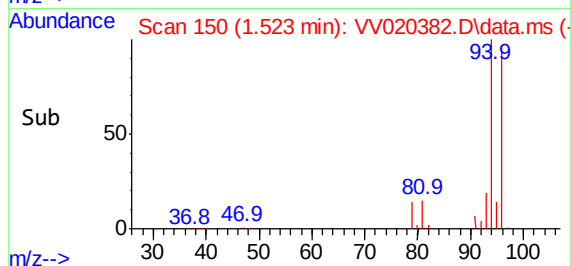
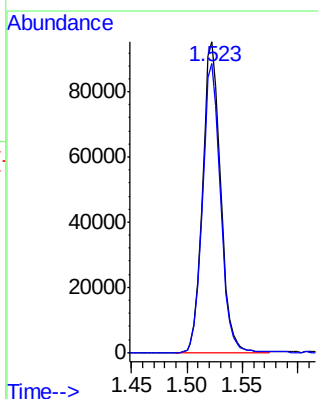
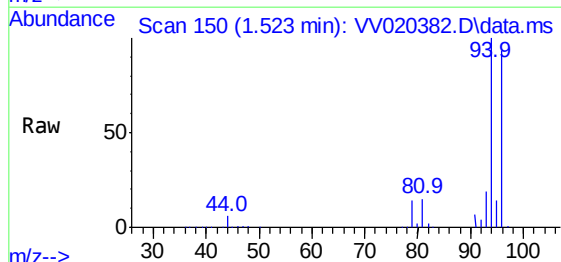
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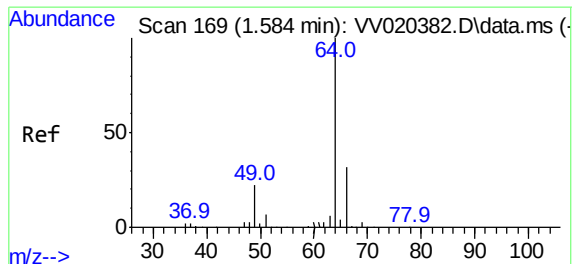
Tgt Ion: 62 Resp: 170099
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 6.18 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020382.D
 Acq: 23 Feb 2021 14:58

Tgt Ion: 94 Resp: 106441
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.0 120.6

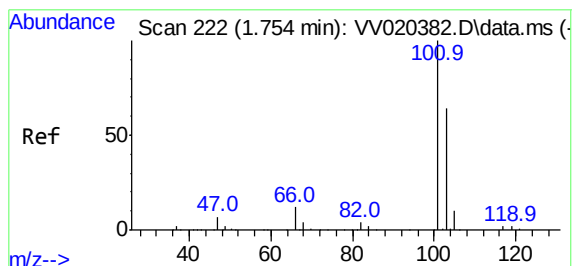
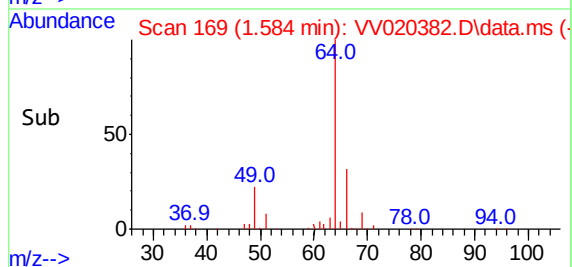
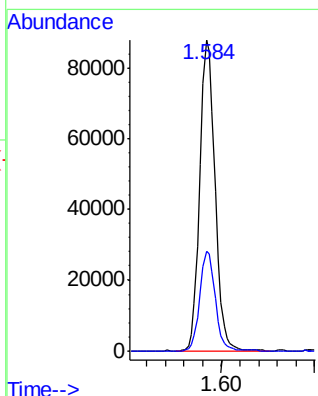
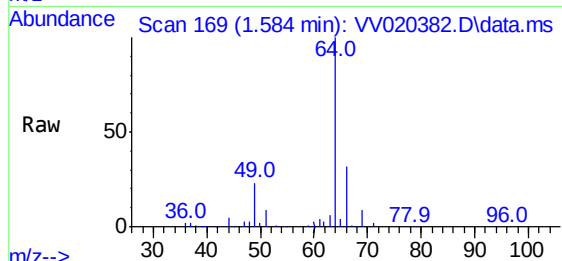




#8
Chloroethane
Concen: 5.85 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

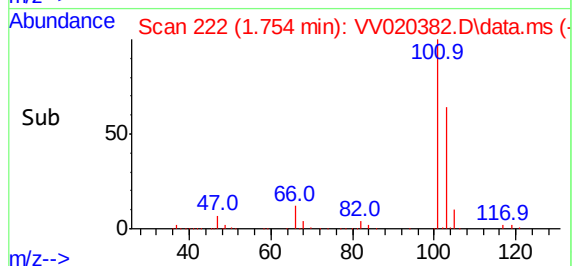
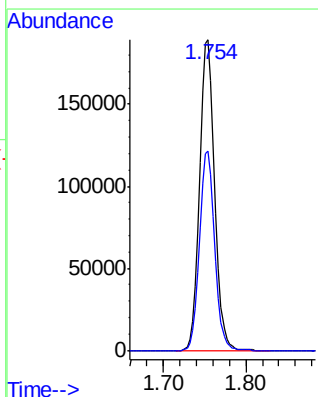
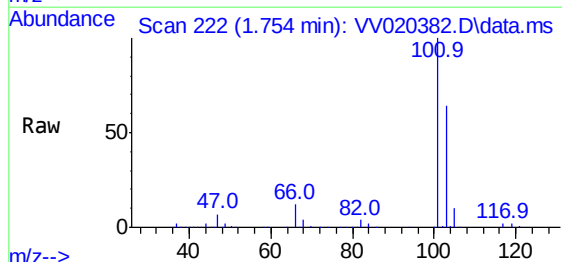
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ClientSampleId :
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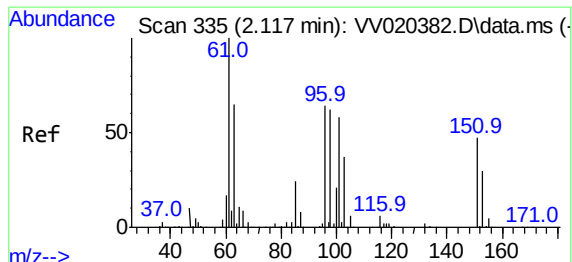
Tgt Ion: 64 Resp: 100411
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 6.72 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion:101 Resp: 245182
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

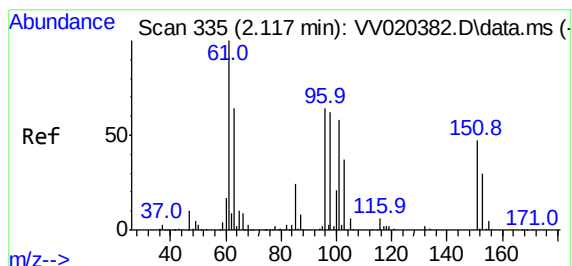
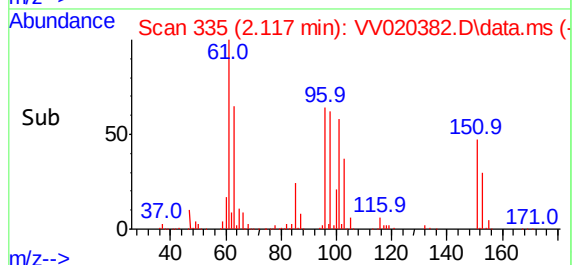
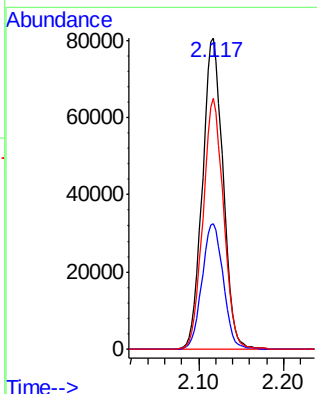
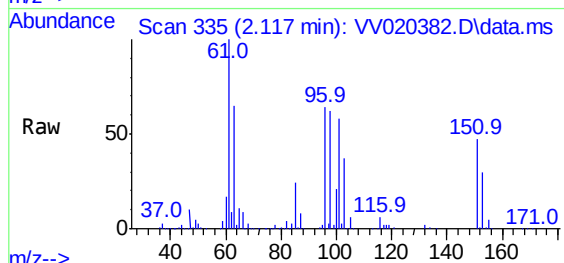




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.01 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020382.D
 Acq: 23 Feb 2021 14:58

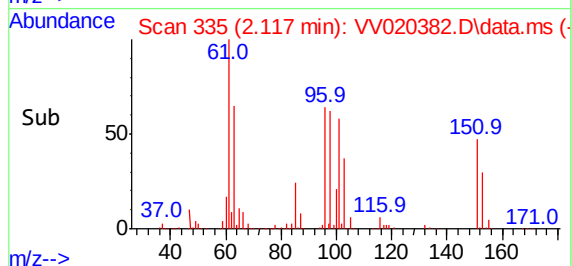
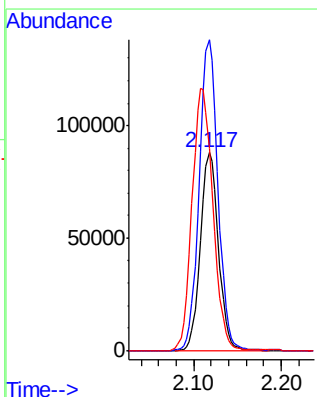
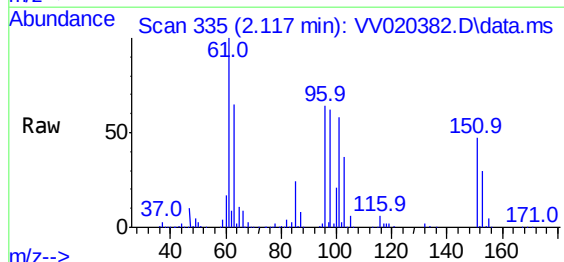
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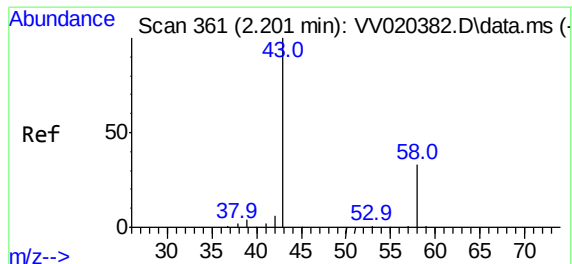
Tgt Ion:101 Resp: 135050
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.0 49.6
 151 80.2 64.2 96.2



#12
 1,1-Dichloroethene
 Concen: 6.82 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020382.D
 Acq: 23 Feb 2021 14:58

Tgt Ion: 96 Resp: 125620
 Ion Ratio Lower Upper
 96 100
 61 156.9 109.8 204.0
 63 101.8 71.3 132.3

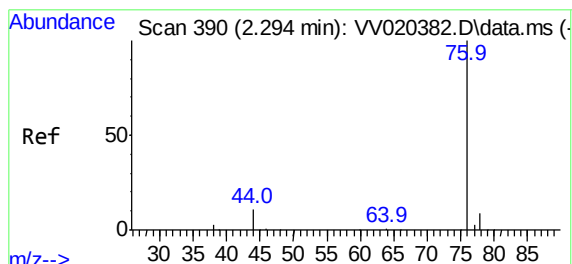
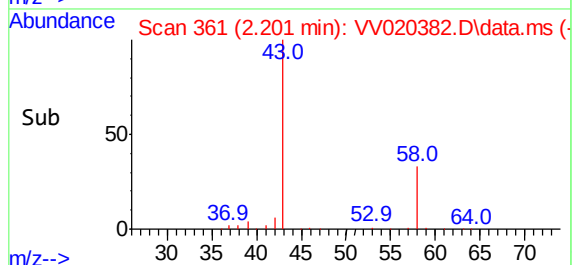
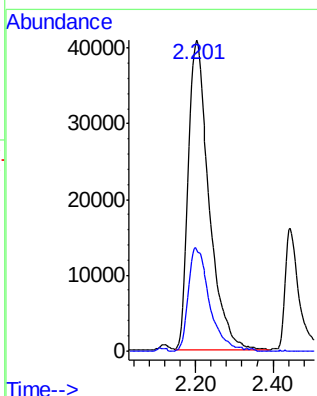
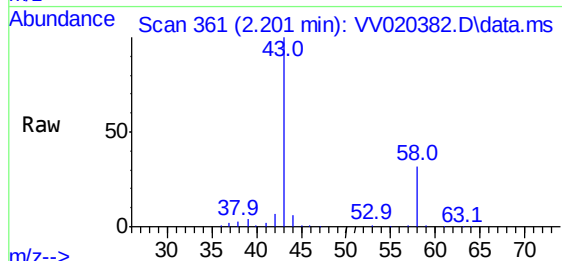




#13
Acetone
Concen: 59.96 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

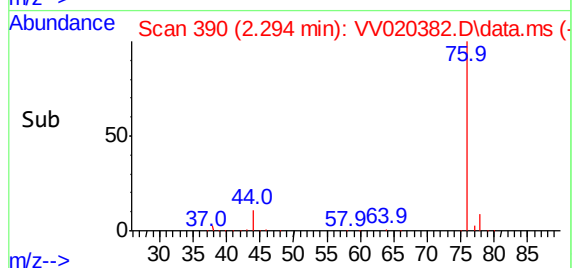
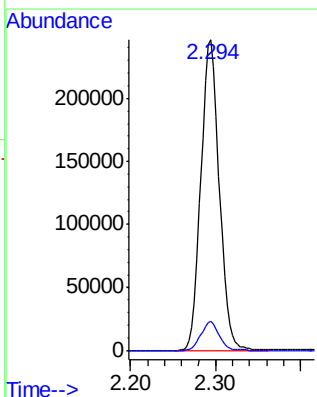
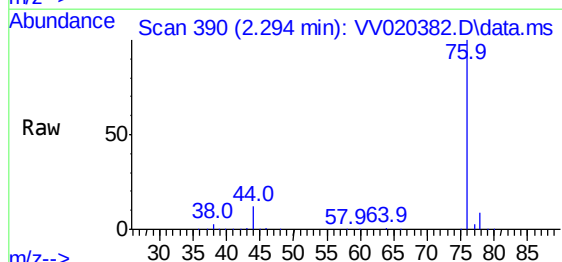
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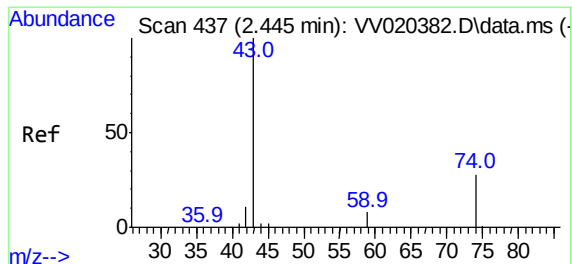
Tgt Ion: 43 Resp: 153629
Ion Ratio Lower Upper
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58 33.7 0.0 67.4



#14
Carbon disulfide
Concen: 5.72 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 76 Resp: 371234
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

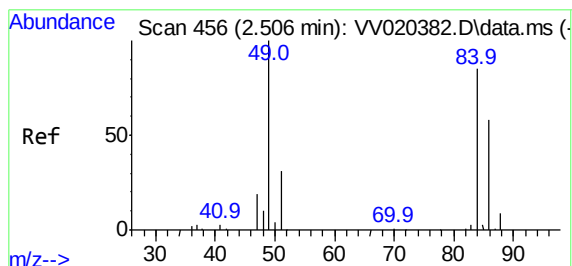
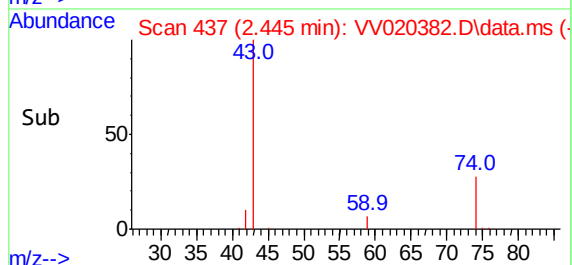
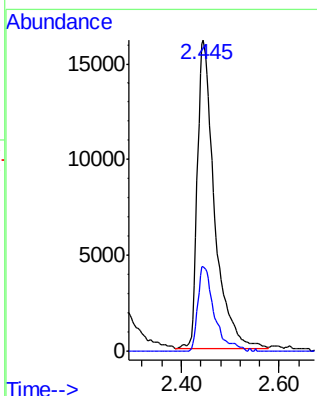
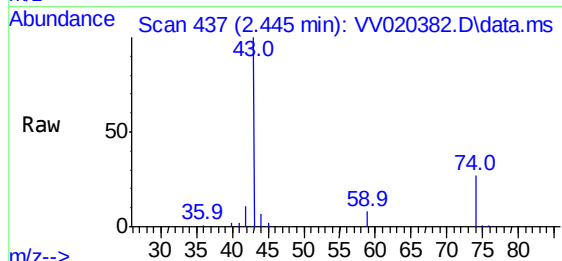




#15
Methyl Acetate
Concen: 5.21 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

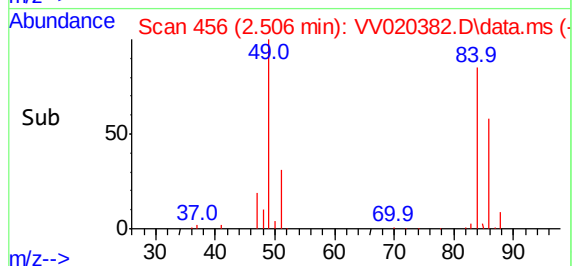
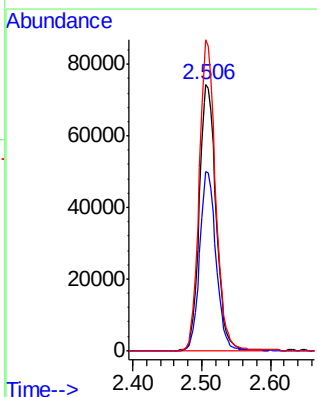
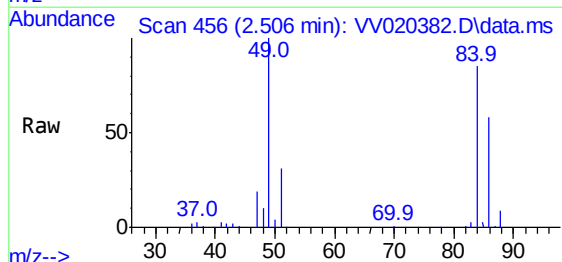
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

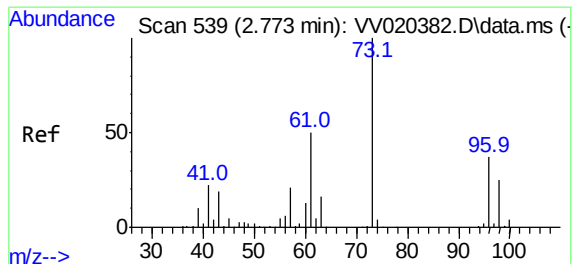
Tgt Ion: 43 Resp: 38808
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1



#16
Methylene chloride
Concen: 5.41 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 84 Resp: 124678
Ion Ratio Lower Upper
84 100
86 67.4 47.2 87.6
49 117.0 81.9 152.1

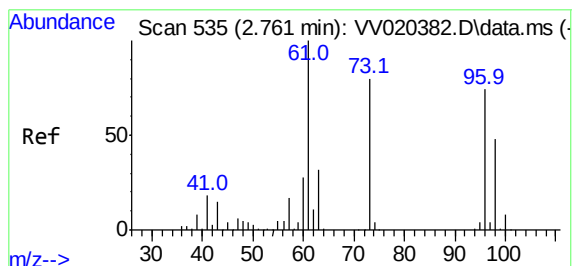
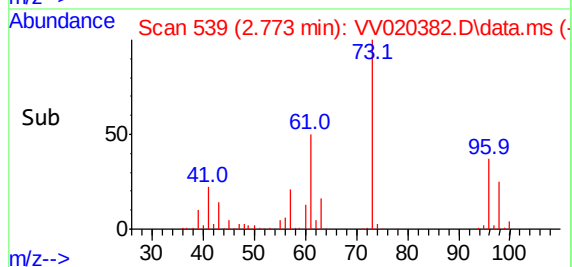
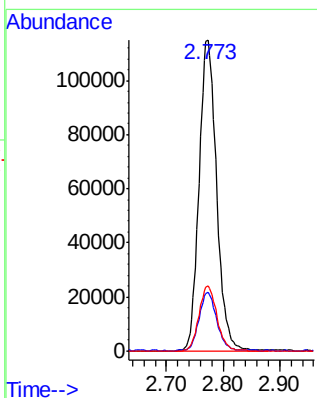
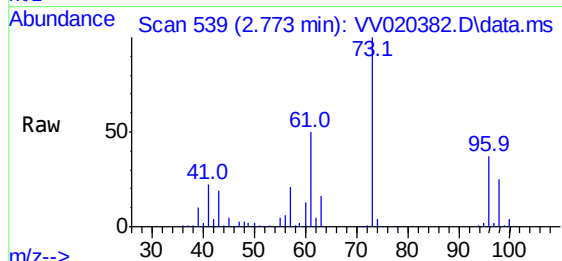




#17
Methyl tert-butyl Ether
Concen: 5.25 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

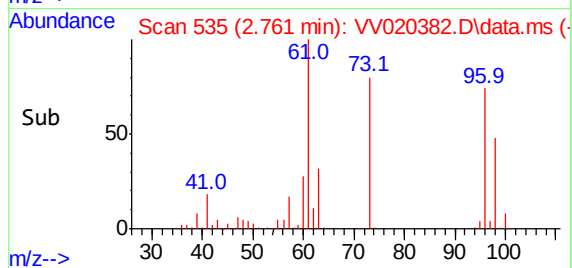
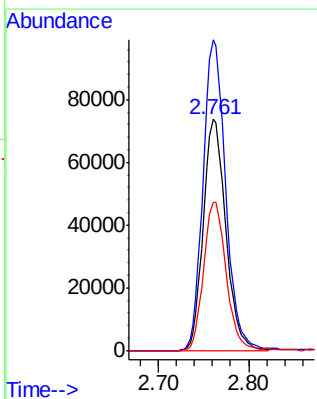
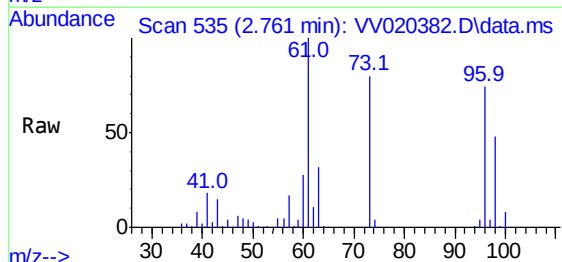
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

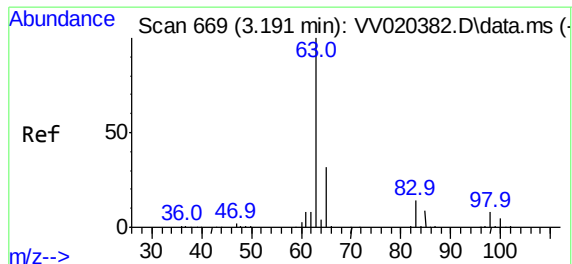
Tgt Ion: 73 Resp: 245763
Ion Ratio Lower Upper
73 100
43 19.1 15.3 22.9
57 21.3 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.57 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 96 Resp: 127402
Ion Ratio Lower Upper
96 100
61 134.5 94.1 174.8
98 64.3 45.0 83.6

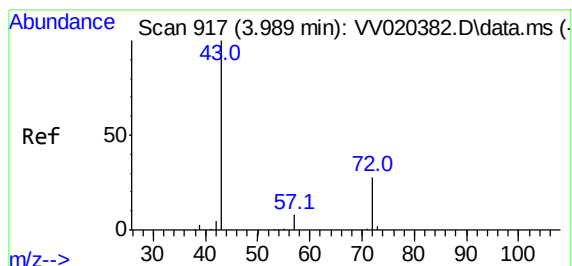
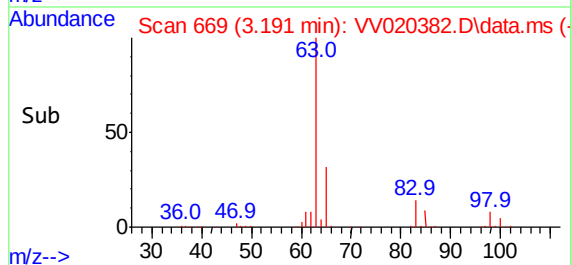
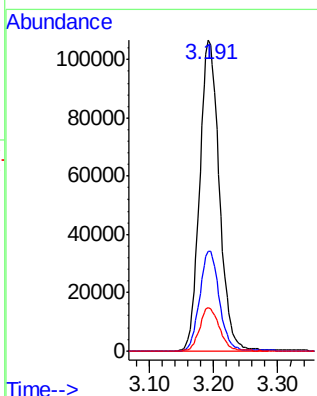
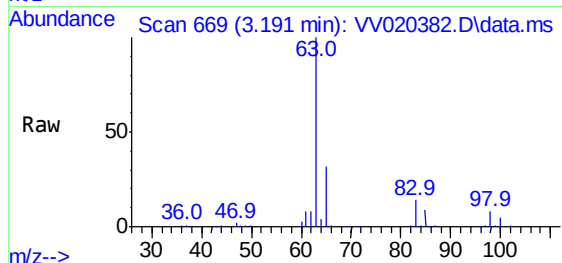




#19
1,1-Dichloroethane
Concen: 5.50 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

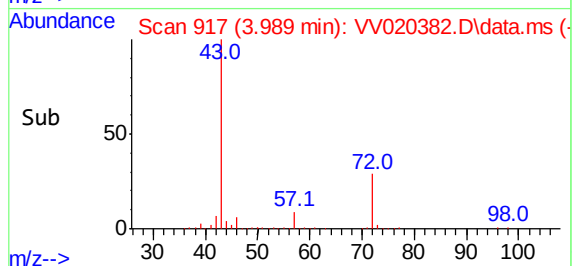
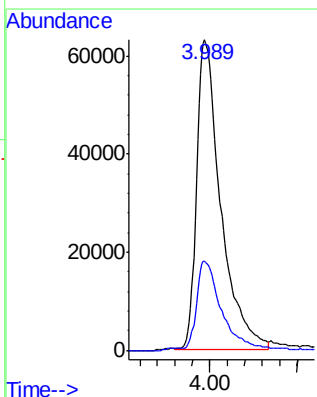
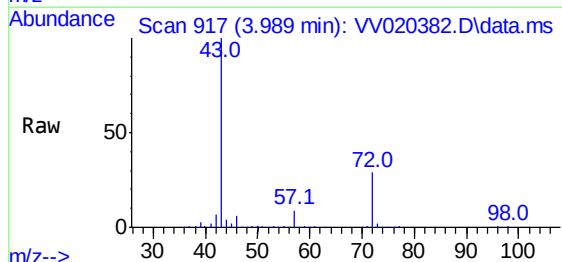
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

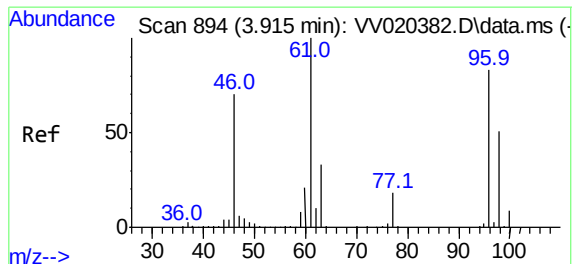
Tgt Ion: 63 Resp: 224368
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.5
83 13.8 9.7 17.9



#21
2-Butanone
Concen: 50.38 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 43 Resp: 239883
Ion Ratio Lower Upper
43 100
72 29.0 14.5 43.5

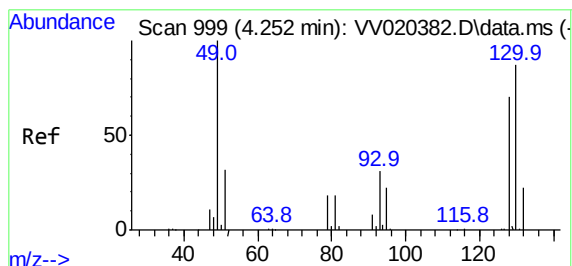
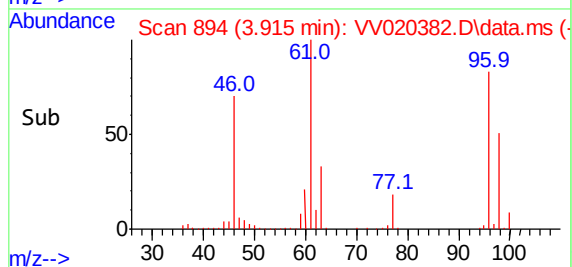
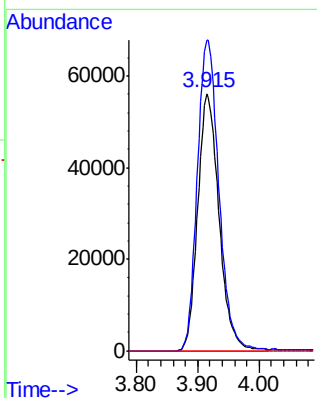
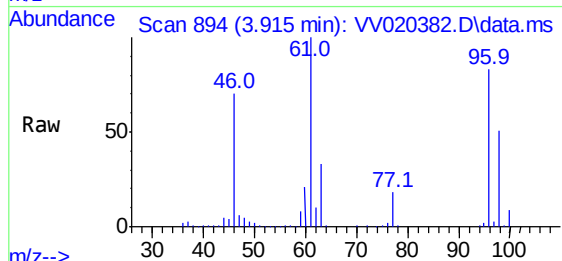




#22
 cis-1,2-Dichloroethene
 Concen: 5.68 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV020382.D
 Acq: 23 Feb 2021 14:58

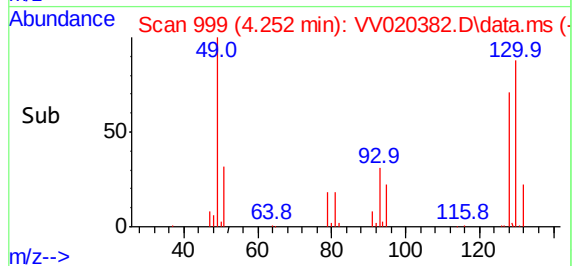
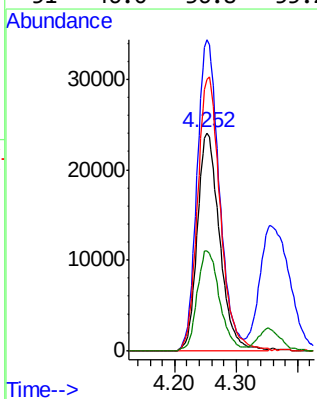
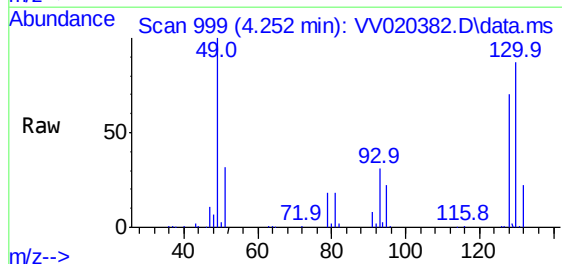
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005705

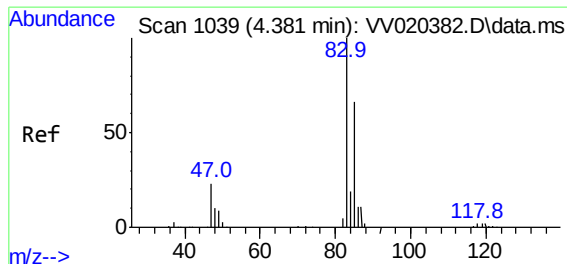
Tgt Ion: 96 Resp: 134956
 Ion Ratio Lower Upper
 96 100
 61 120.9 84.6 157.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.83 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VV020382.D
 Acq: 23 Feb 2021 14:58

Tgt Ion: 128 Resp: 60076
 Ion Ratio Lower Upper
 128 100
 49 142.9 100.0 185.8
 130 124.8 87.4 162.2
 51 46.0 36.8 55.2

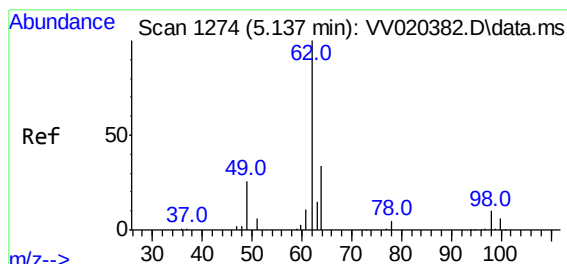
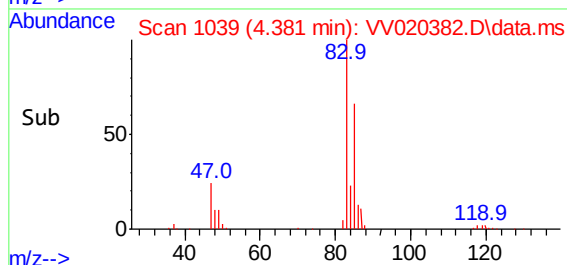
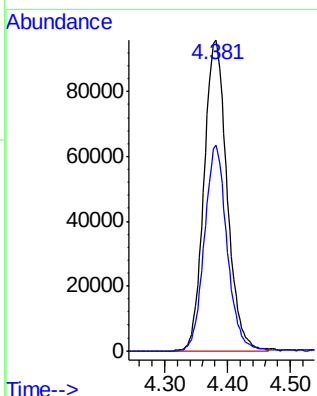
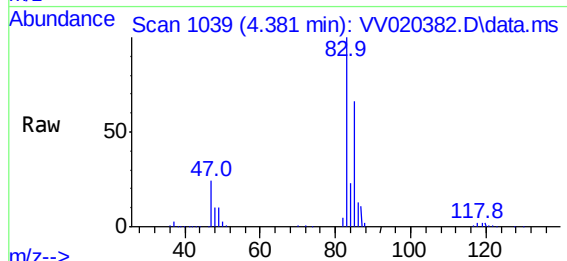




#25
Chloroform
Concen: 5.70 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

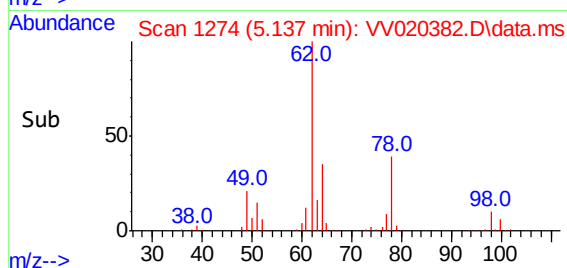
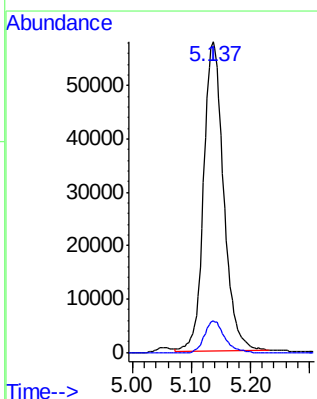
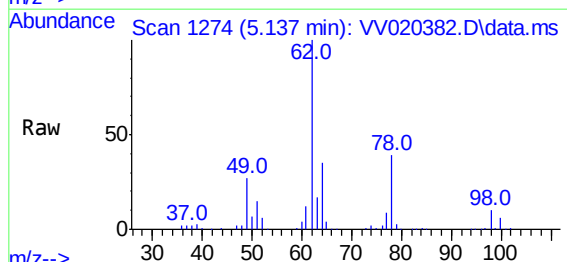
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

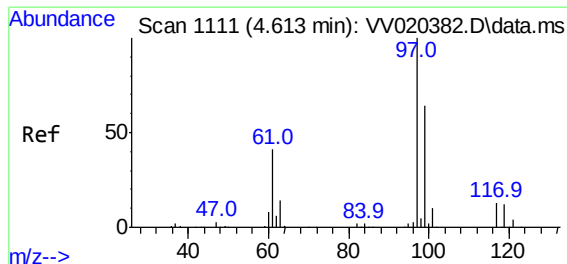
Tgt Ion: 83 Resp: 242238
Ion Ratio Lower Upper
83 100
85 66.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.45 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 62 Resp: 136544
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0

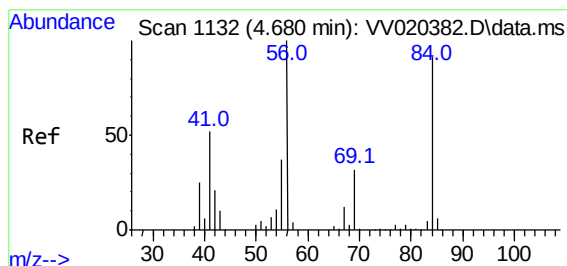
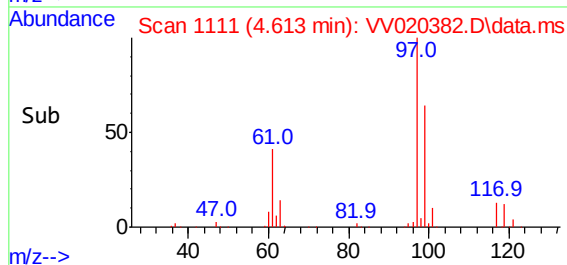
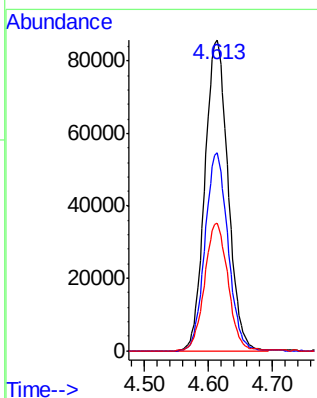
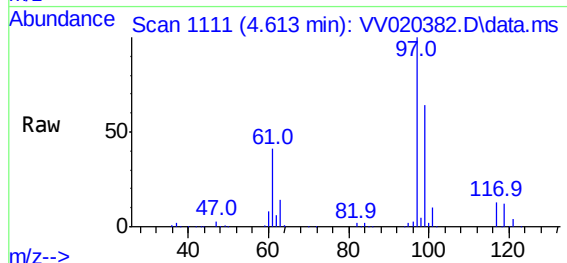




#29
1,1,1-Trichloroethane
Concen: 5.66 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

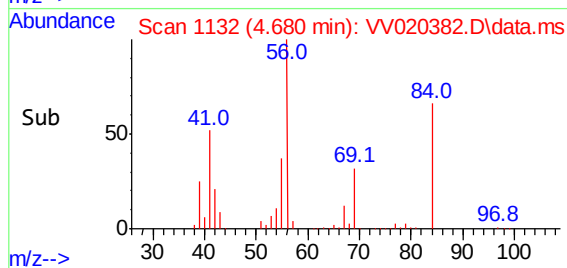
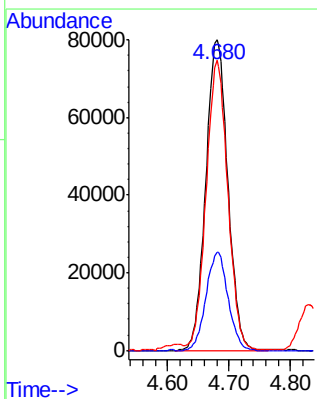
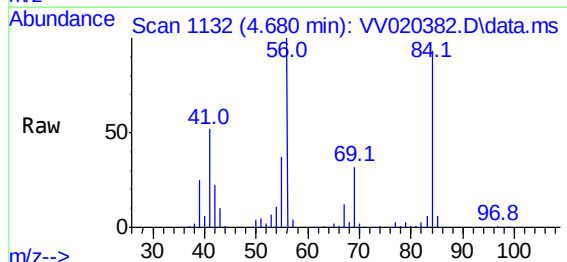
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

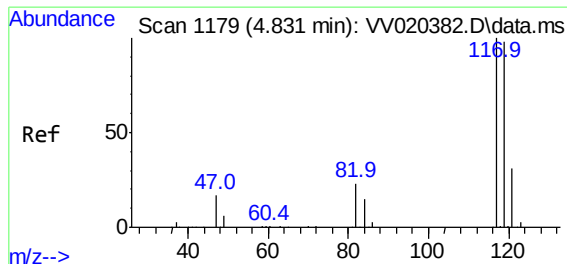
Tgt Ion: 97 Resp: 214240
Ion Ratio Lower Upper
97 100
99 63.2 50.6 75.8
61 41.5 33.2 49.8



#30
Cyclohexane
Concen: 5.54 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 56 Resp: 198319
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.0
84 91.9 73.5 110.3

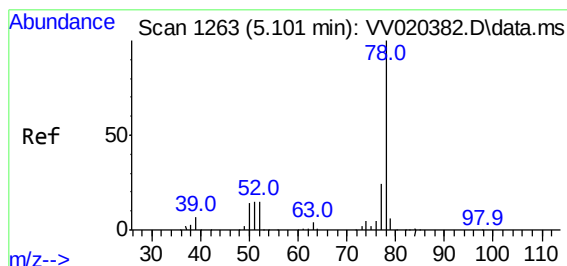
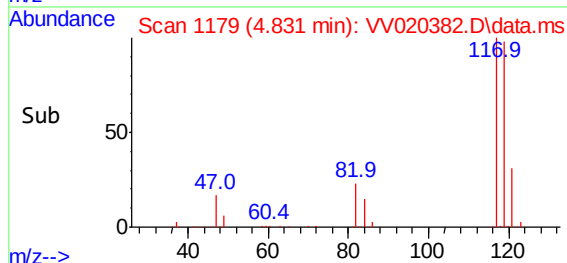
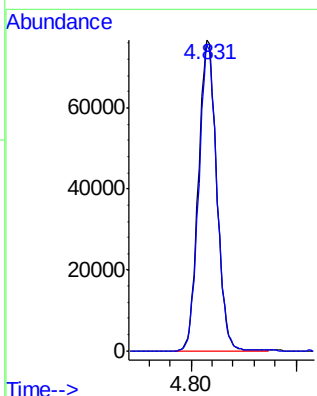
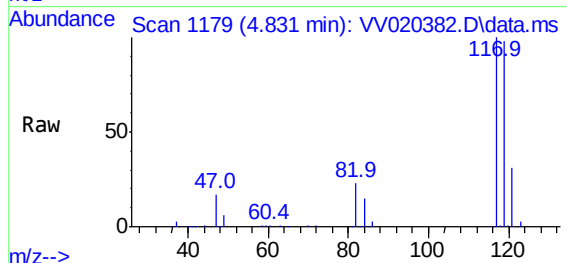




#31
Carbon tetrachloride
Concen: 5.56 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

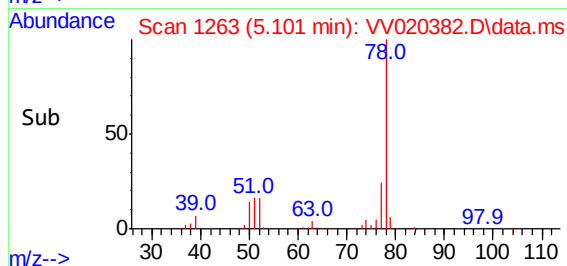
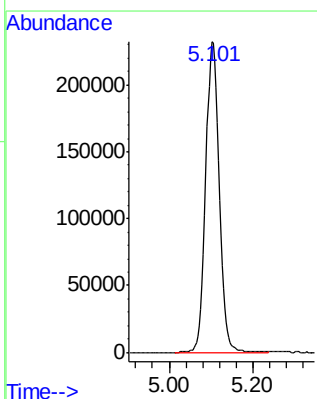
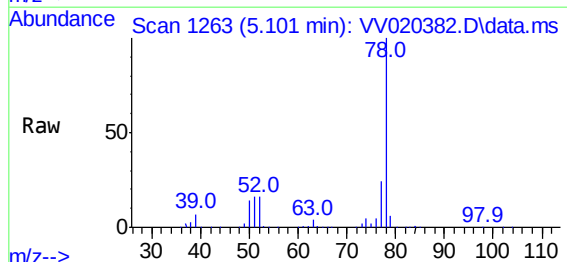
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

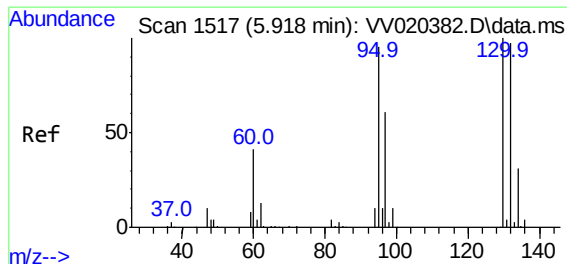
Tgt Ion:117 Resp: 183451
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2



#33
Benzene
Concen: 5.77 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 78 Resp: 516678

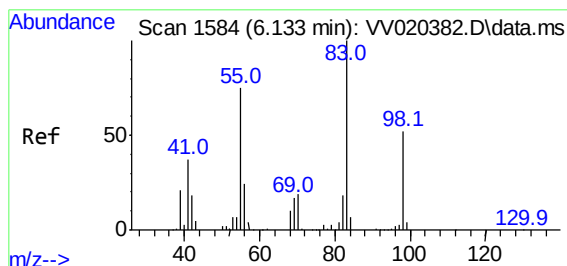
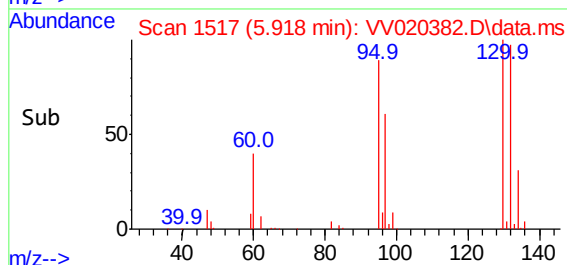
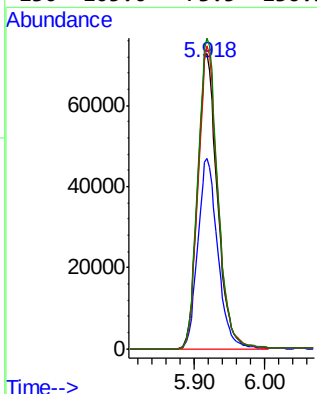
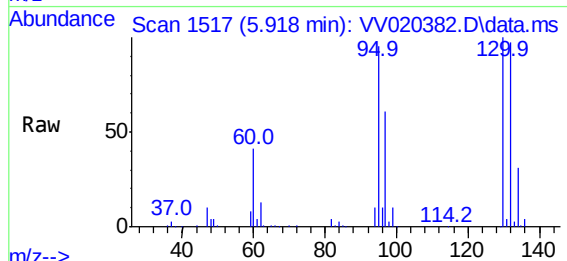




#34
Trichloroethene
Concen: 5.70 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

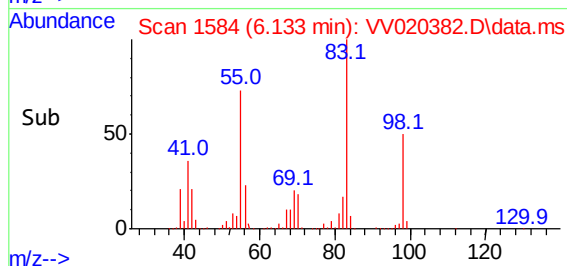
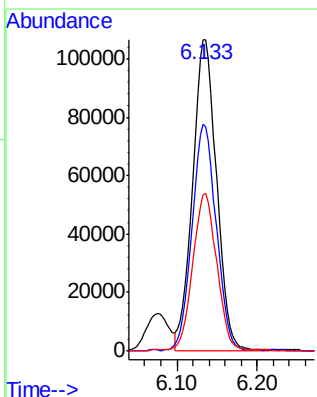
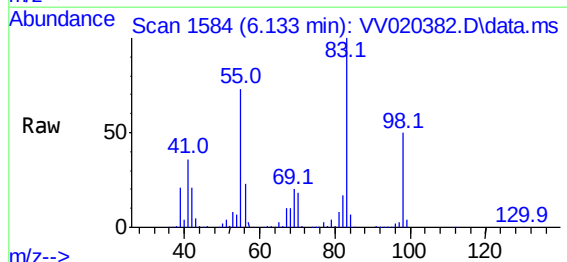
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

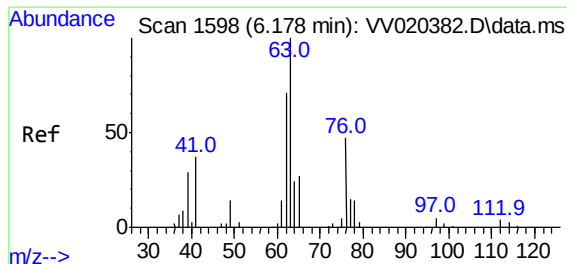
Tgt Ion: 95 Resp: 141393
Ion Ratio Lower Upper
95 100
97 64.5 45.1 83.9
132 102.2 71.5 132.9
130 105.0 73.5 136.5



#35
Methylcyclohexane
Concen: 5.77 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 83 Resp: 215163
Ion Ratio Lower Upper
83 100
55 73.9 59.1 88.7
98 50.1 40.1 60.1

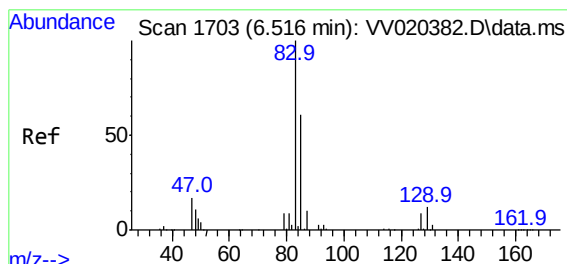
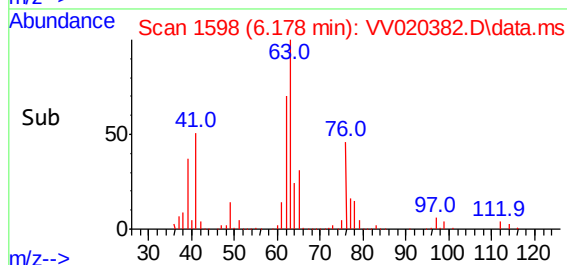
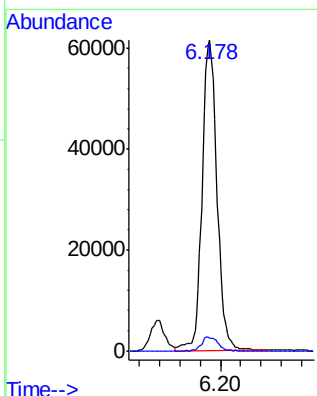
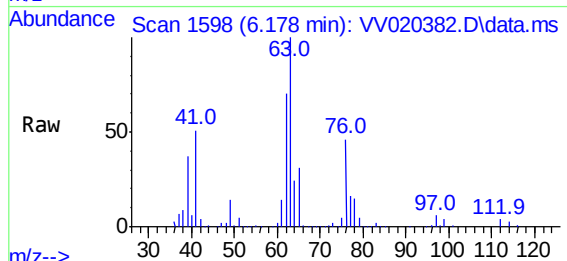




#37
1,2-Dichloropropane
Concen: 5.76 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

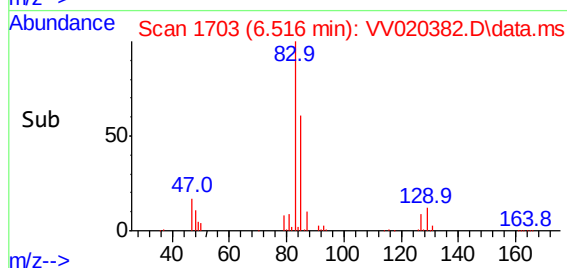
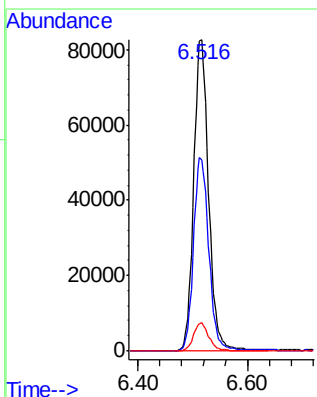
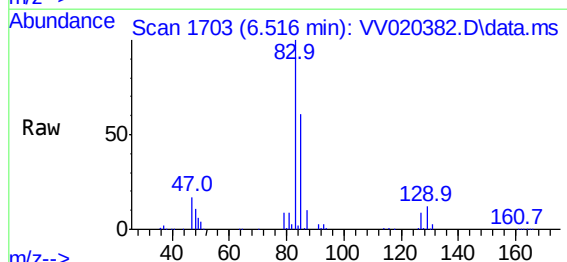
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

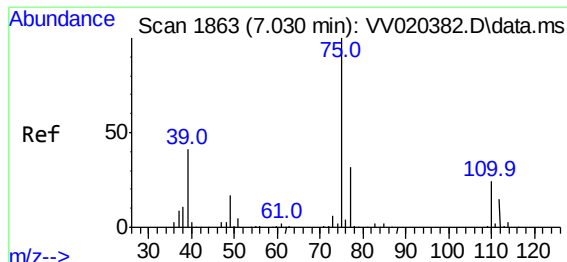
Tgt Ion: 63 Resp: 124684
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 5.50 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 83 Resp: 155187
Ion Ratio Lower Upper
83 100
85 61.4 43.0 79.8
127 8.8 7.0 10.6

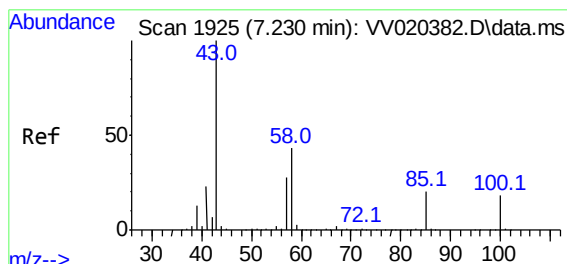
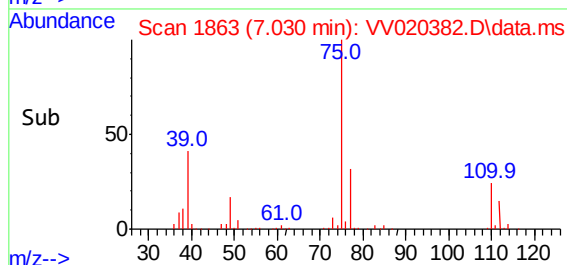
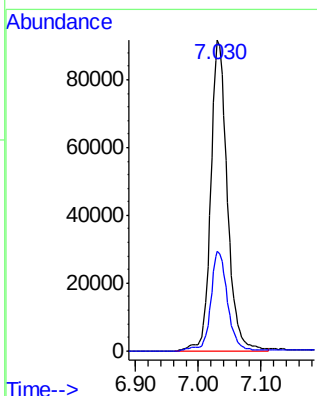
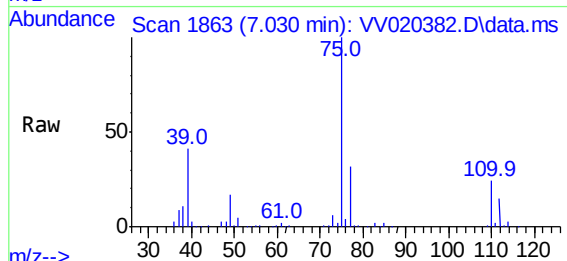




#39
cis-1,3-Dichloropropene
Concen: 5.62 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

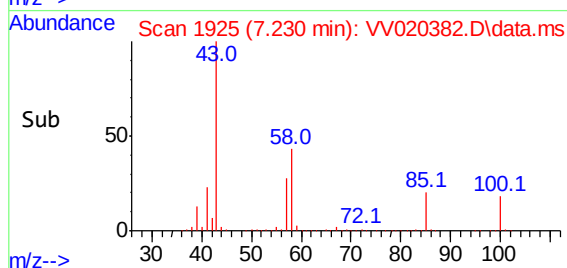
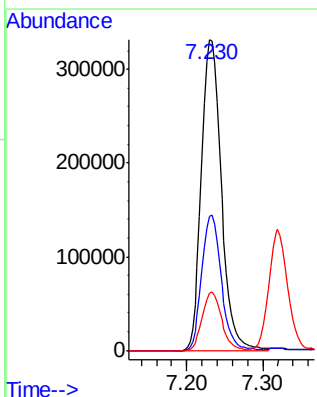
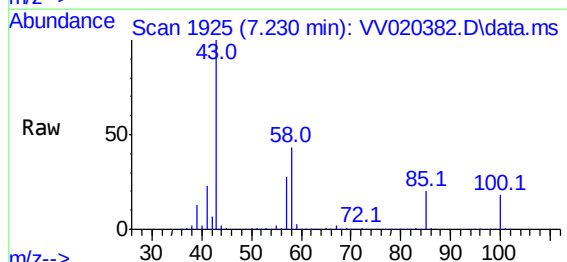
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

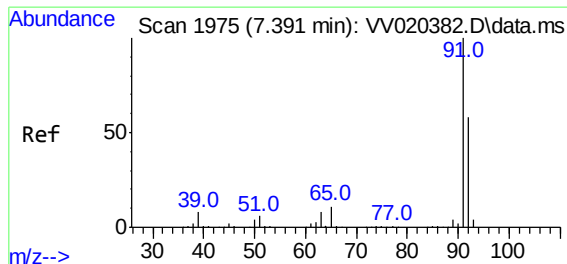
Tgt Ion: 75 Resp: 167656
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 51.46 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 43 Resp: 601334
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1
100 18.2 14.6 21.8

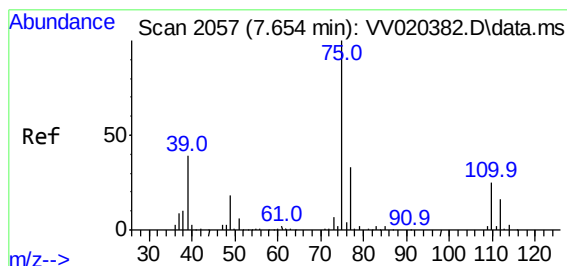
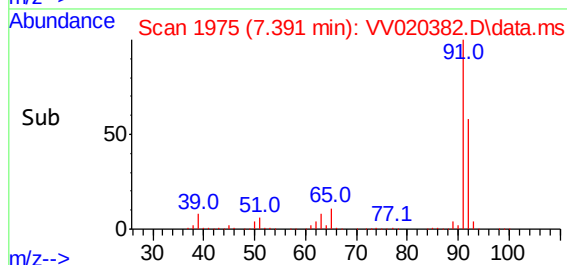
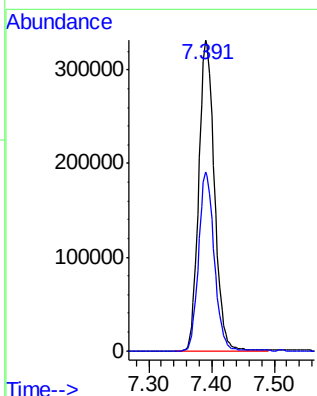
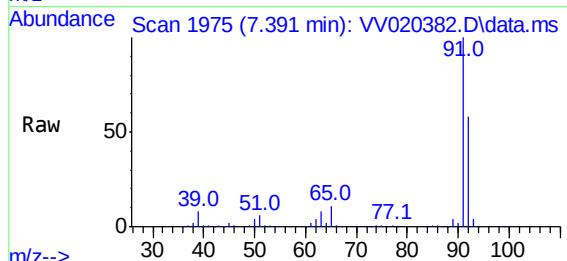




#42
Toluene
Concen: 5.97 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

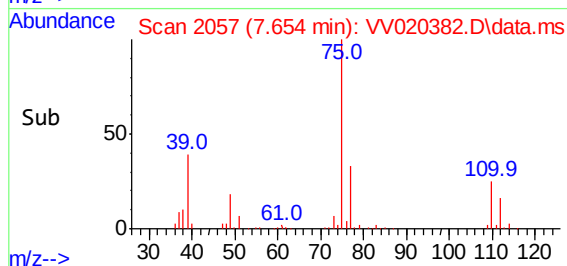
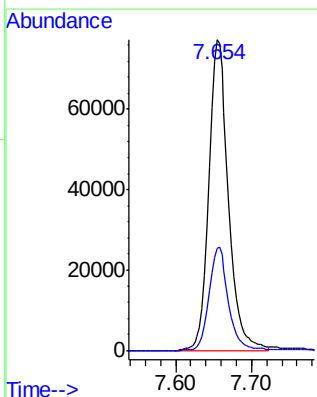
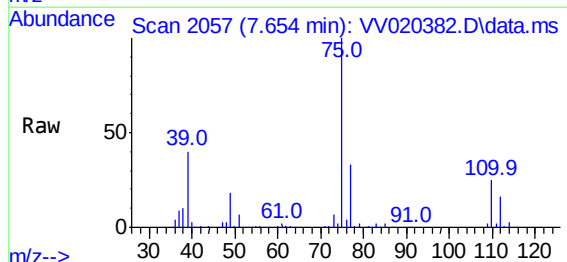
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

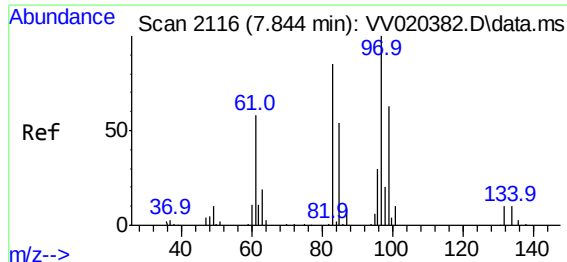
Tgt Ion: 91 Resp: 573285
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 5.52 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 75 Resp: 138074
Ion Ratio Lower Upper
75 100
77 32.7 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 5.71 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.000 min

Lab File: VV020382.D

Acq: 23 Feb 2021 14:58

Tgt Ion: 97 Resp: 86882

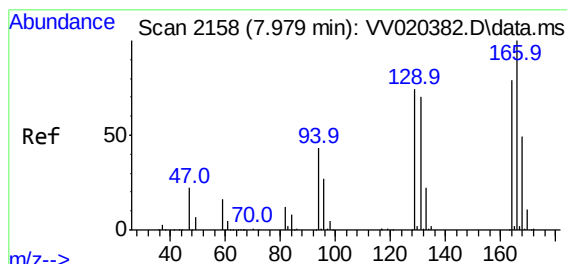
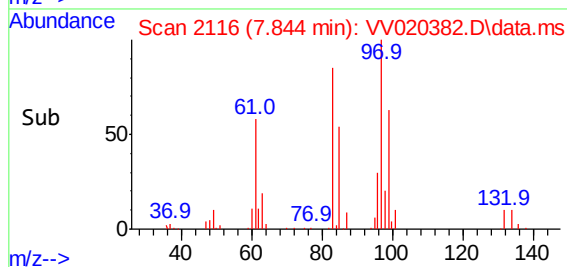
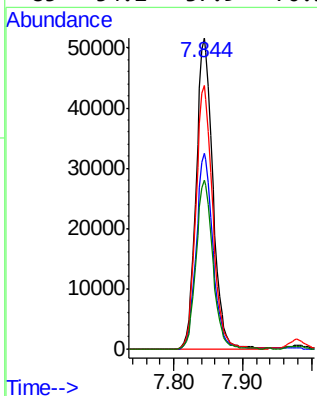
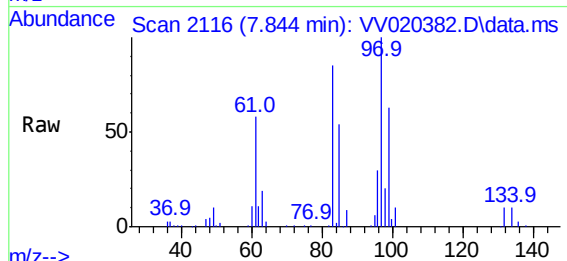
Ion Ratio Lower Upper

97 100

99 63.0 44.1 81.9

83 84.9 59.4 110.4

85 54.2 37.9 70.5



#47

Tetrachloroethene

Concen: 5.75 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV020382.D

Acq: 23 Feb 2021 14:58

Tgt Ion: 164 Resp: 122167

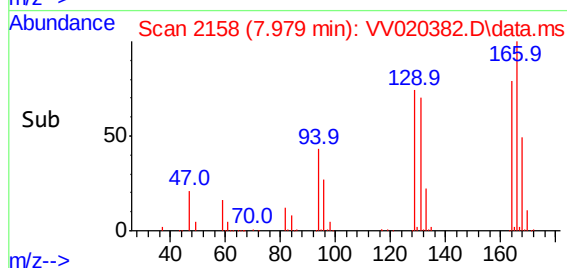
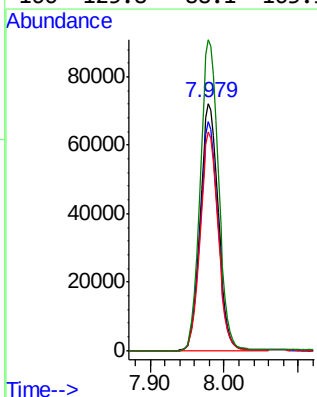
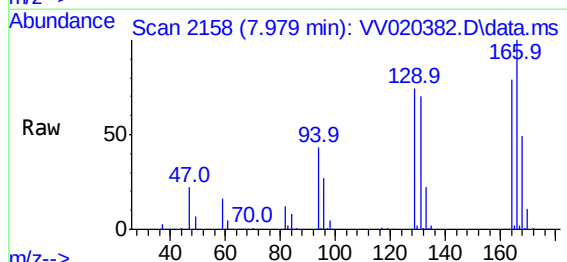
Ion Ratio Lower Upper

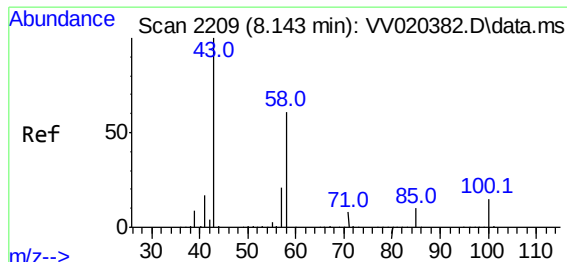
164 100

129 92.8 65.0 120.6

131 88.3 61.8 114.8

166 125.8 88.1 163.5

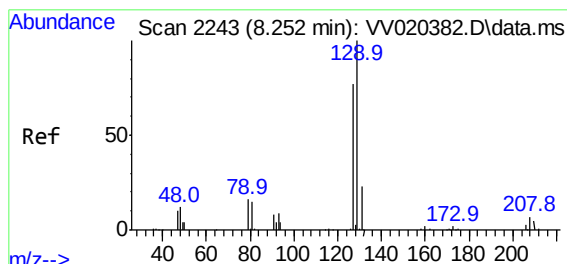
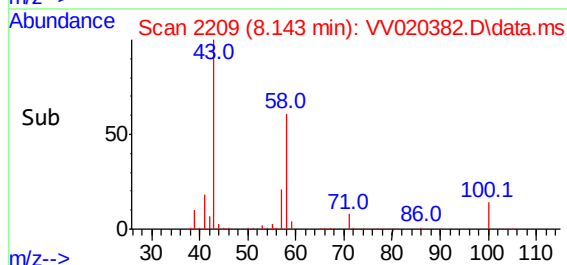
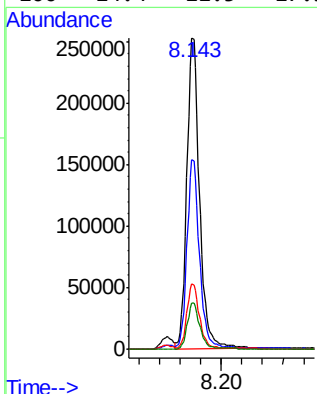
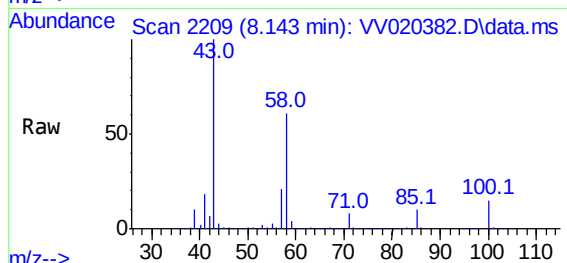




#48
2-Hexanone
Concen: 52.88 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

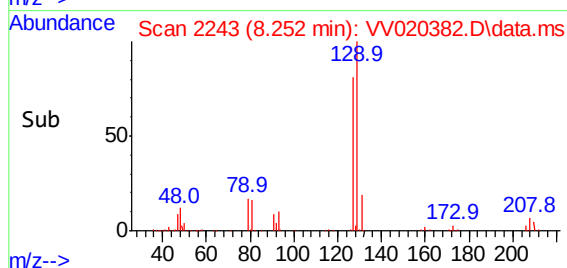
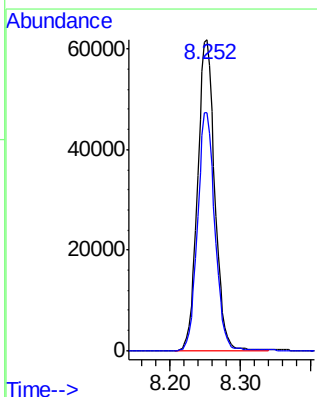
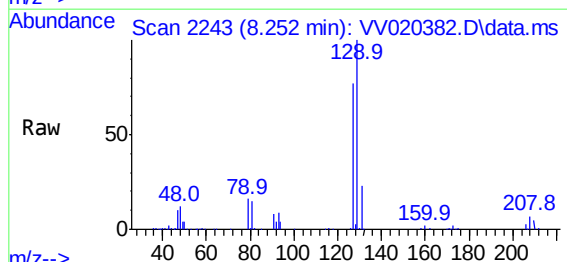
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

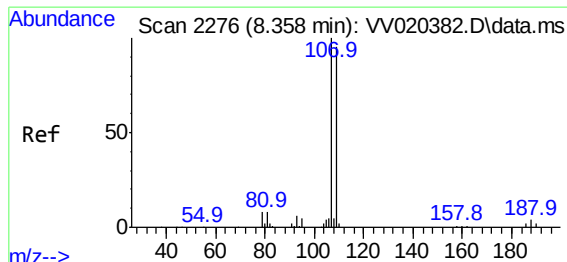
Tgt Ion: 43 Resp: 430744
Ion Ratio Lower Upper
43 100
58 59.8 47.8 71.8
57 20.7 16.6 24.8
100 14.4 11.5 17.3



#49
Dibromochloromethane
Concen: 5.72 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 129 Resp: 103788
Ion Ratio Lower Upper
129 100
127 76.6 53.6 99.6

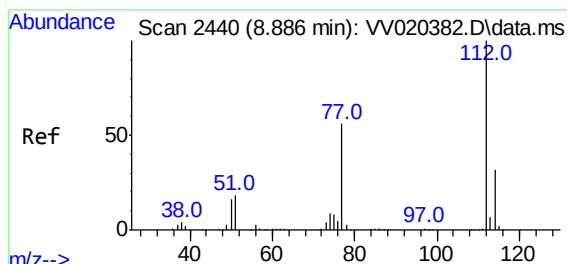
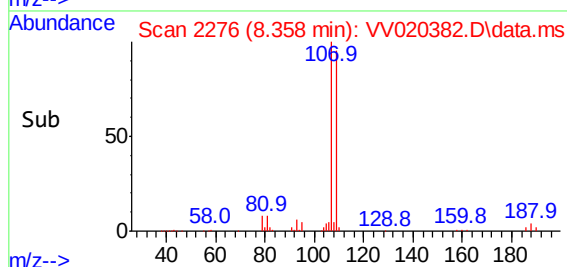
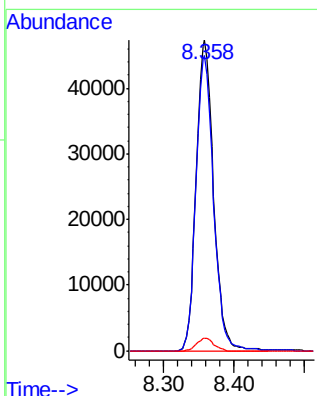
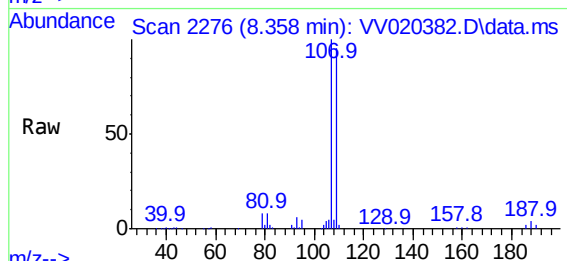




#50
1,2-Dibromoethane
Concen: 5.62 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

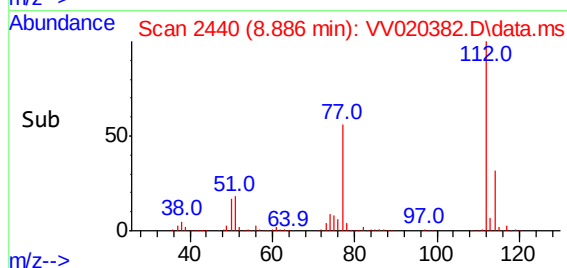
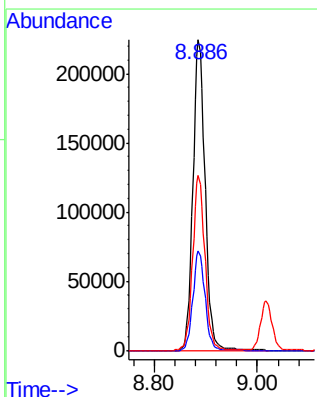
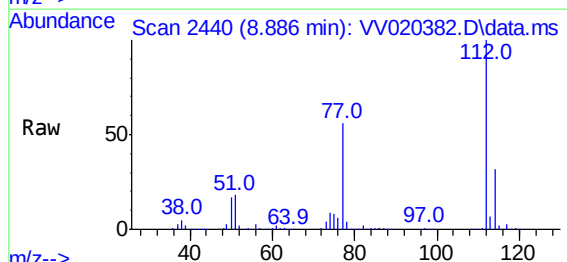
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

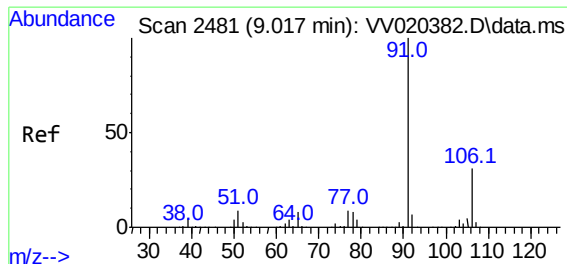
Tgt Ion:107 Resp: 81156
Ion Ratio Lower Upper
107 100
109 95.2 66.6 123.8
188 4.1 3.3 4.9



#51
Chlorobenzene
Concen: 5.82 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion:112 Resp: 369194
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 56.2 45.0 67.4

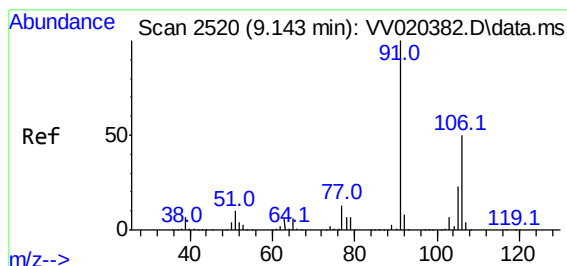
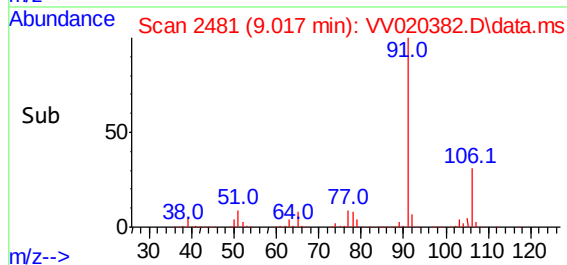
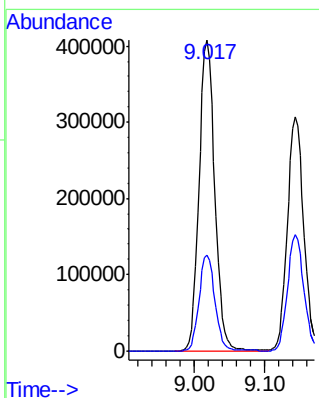
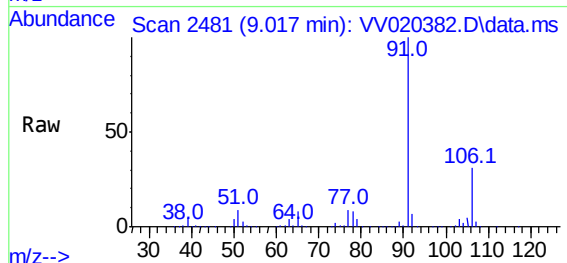




#52
Ethylbenzene
Concen: 5.83 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

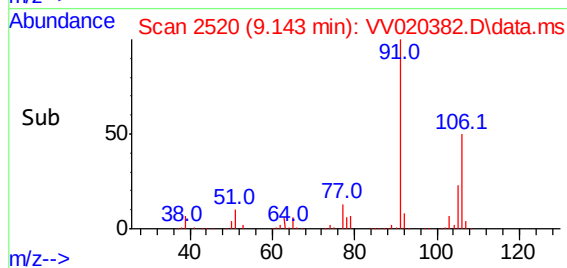
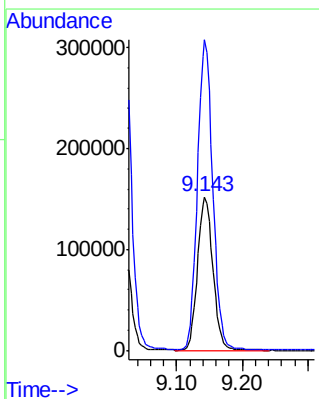
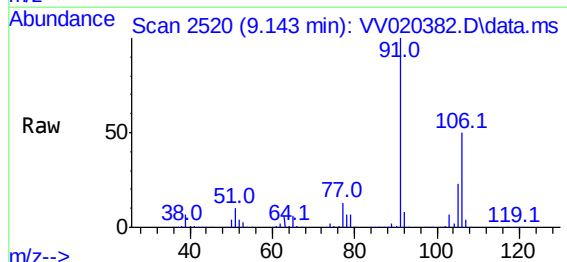
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

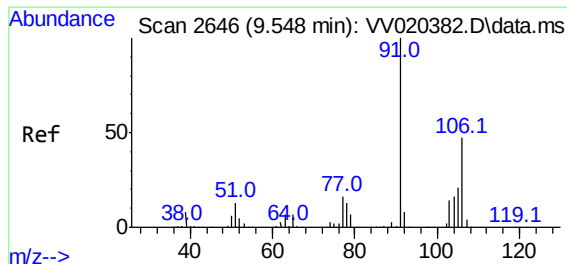
Tgt Ion: 91 Resp: 625701
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.2



#53
m,p-xylene
Concen: 6.05 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 106 Resp: 243776
Ion Ratio Lower Upper
106 100
91 201.8 141.3 262.3

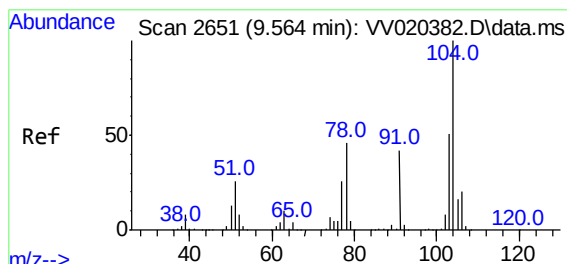
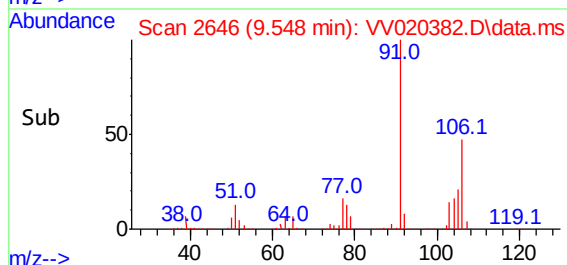
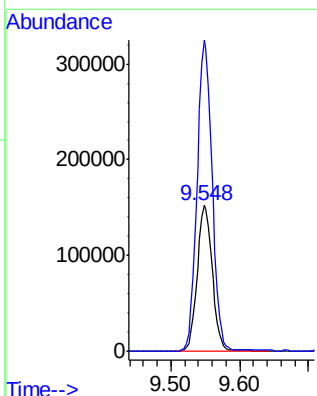
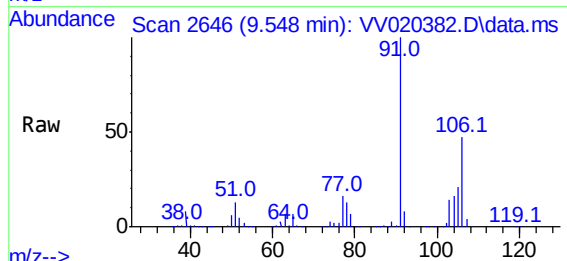




#54
o-xylene
Concen: 5.95 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

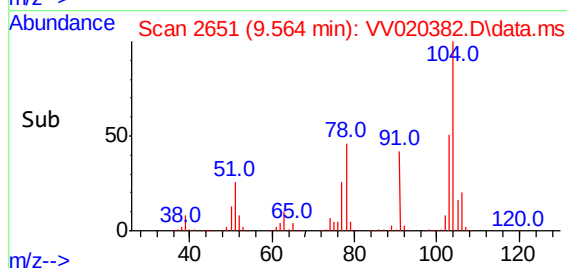
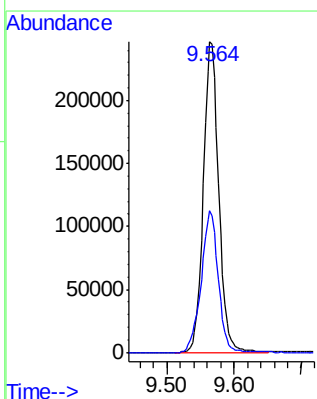
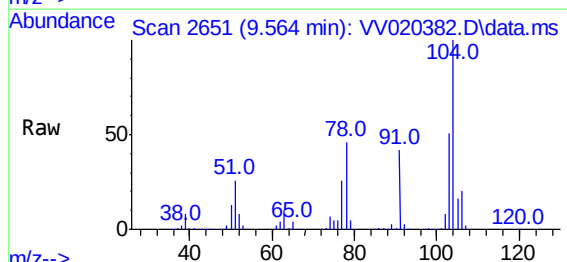
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

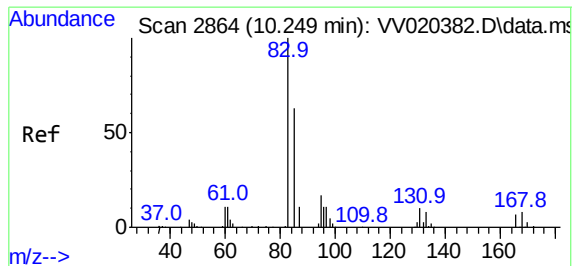
Tgt Ion:106 Resp: 230821
Ion Ratio Lower Upper
106 100
91 213.6 149.5 277.7



#55
Styrene
Concen: 6.00 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion:104 Resp: 394726
Ion Ratio Lower Upper
104 100
78 45.5 31.9 59.2

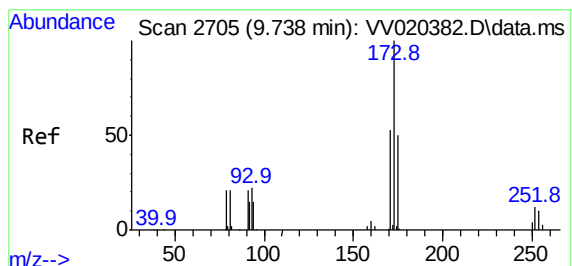
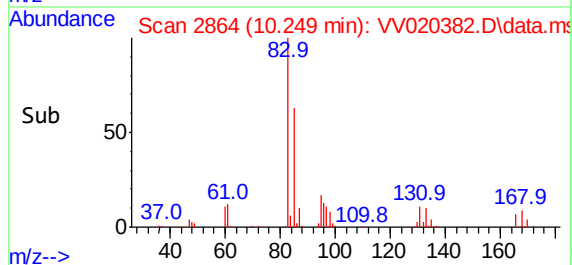
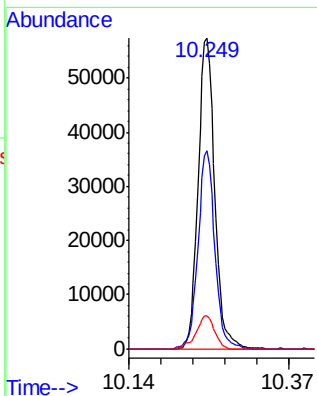
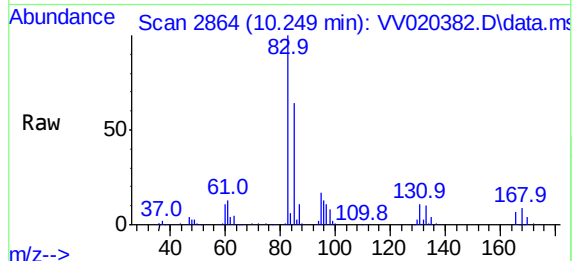




#57
1,1,2,2-Tetrachloroethane
Concen: 5.82 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

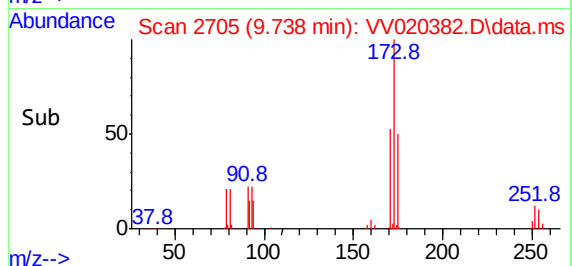
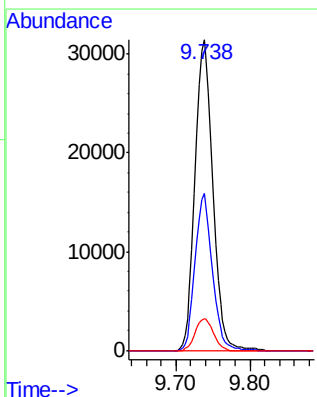
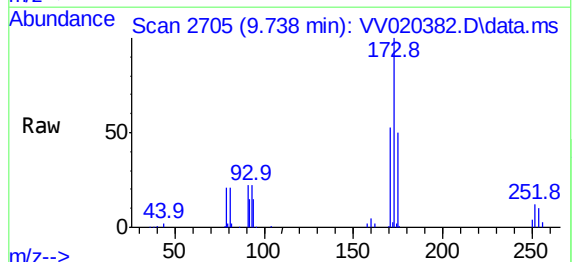
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

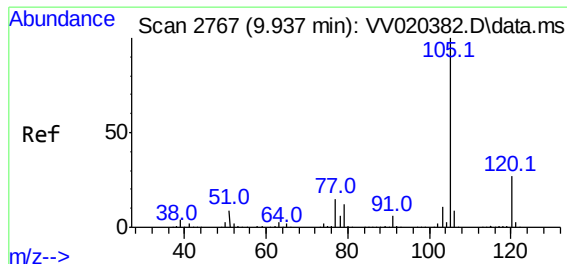
Tgt Ion: 83 Resp: 93038
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
131 10.5 8.4 12.6



#59
Bromoform
Concen: 5.48 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 173 Resp: 52860
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
254 10.4 8.3 12.5



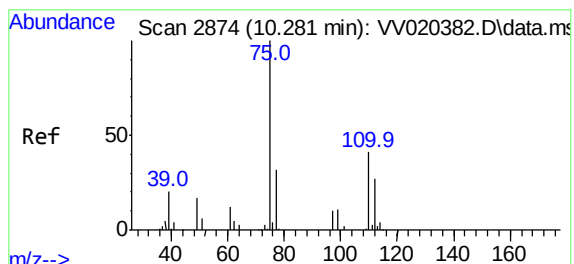
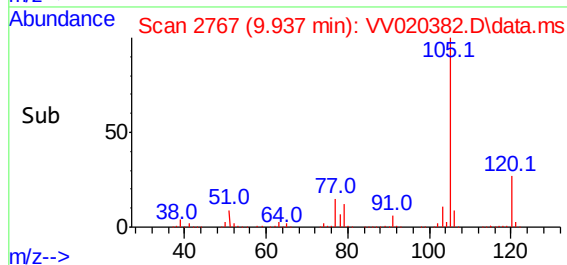
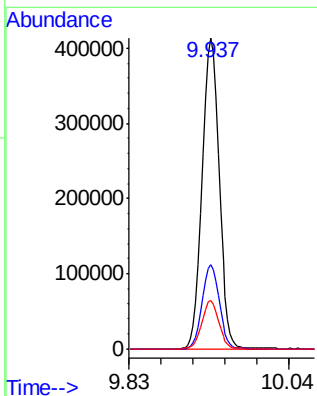
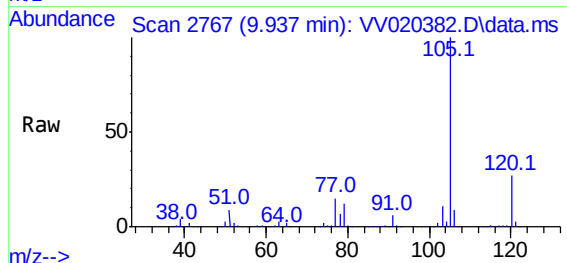


#60
Isopropylbenzene
Concen: 6.19 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

Tgt Ion:105 Resp: 628408

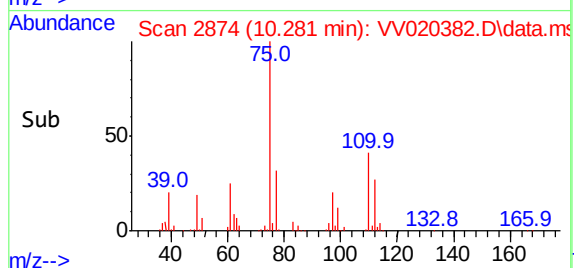
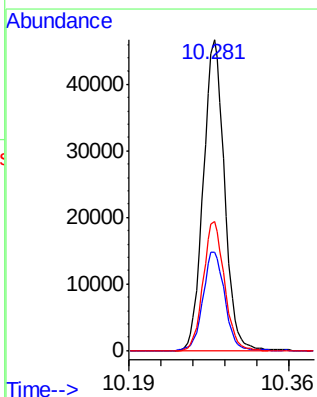
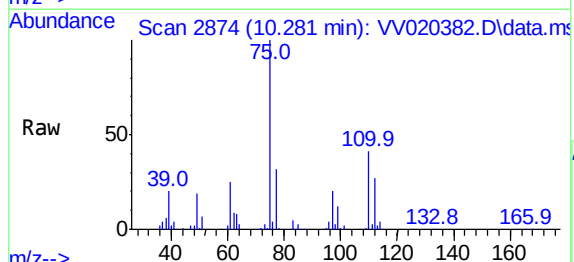
Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.7	32.5
77	15.4	12.3	18.5

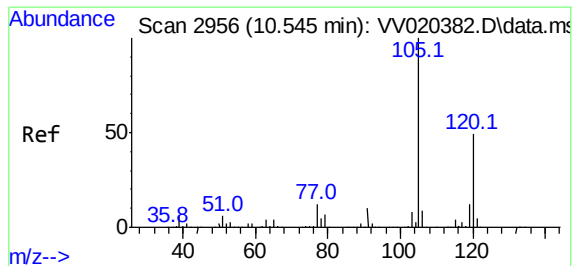


#61
1,2,3-Trichloropropane
Concen: 6.22 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 75 Resp: 73570

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.1	39.1
110	41.5	33.2	49.8

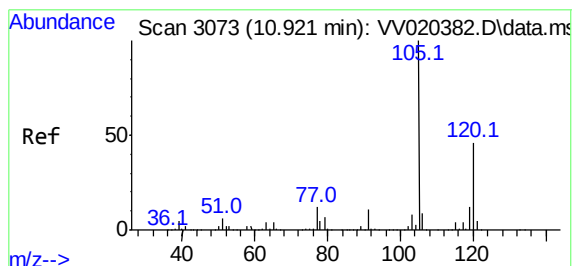
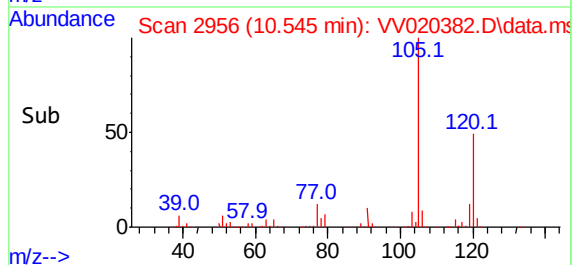
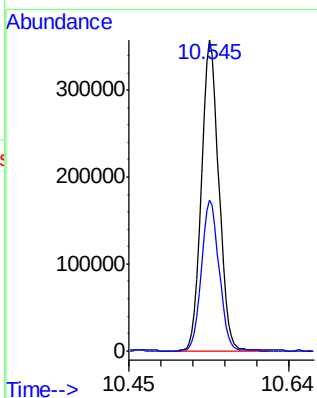
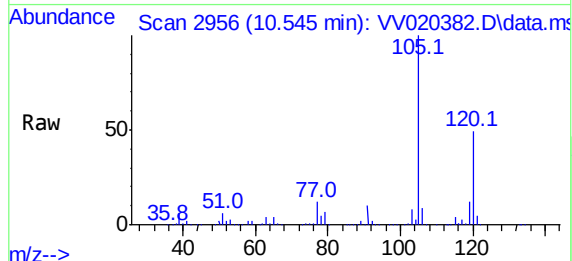




#62
1,3,5-Trimethylbenzene
Concen: 6.21 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

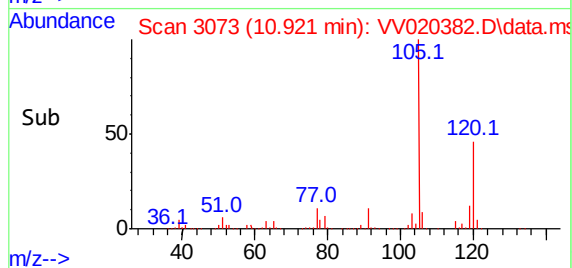
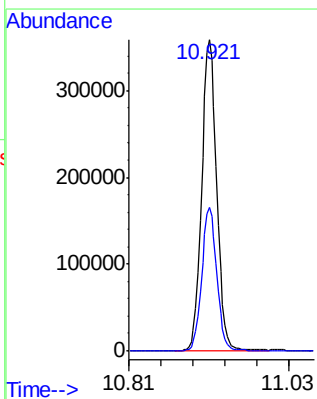
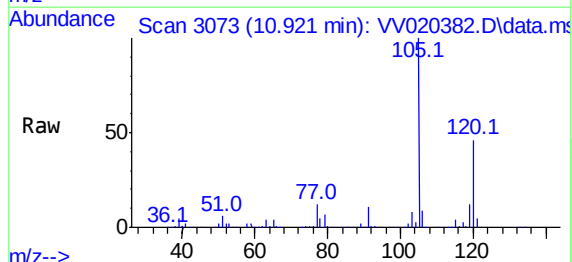
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

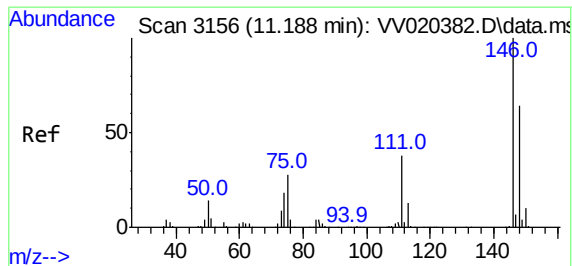
Tgt Ion:105 Resp: 521613
Ion Ratio Lower Upper
105 100
120 49.2 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 6.16 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion:105 Resp: 529756
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1

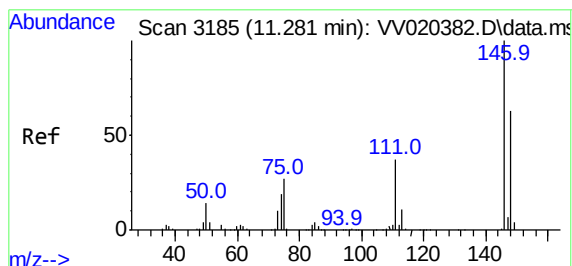
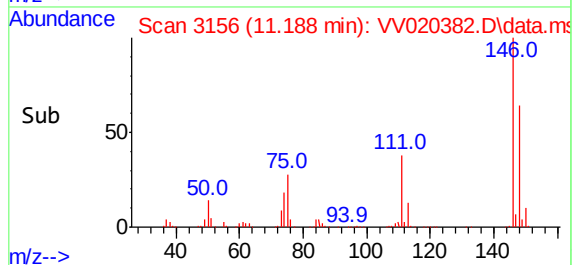
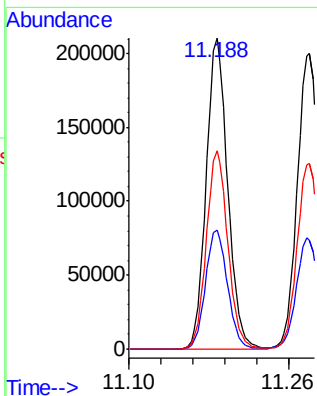
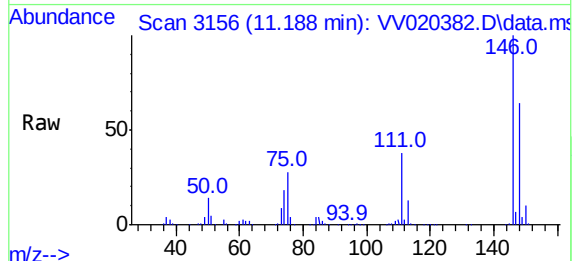




#64
1,3-Dichlorobenzene
Concen: 5.95 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

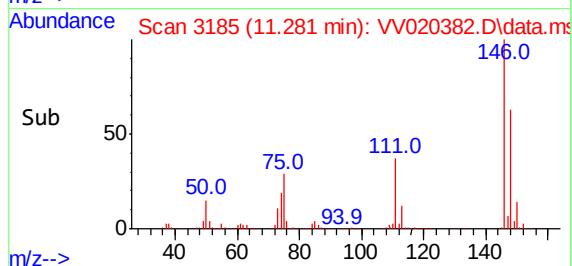
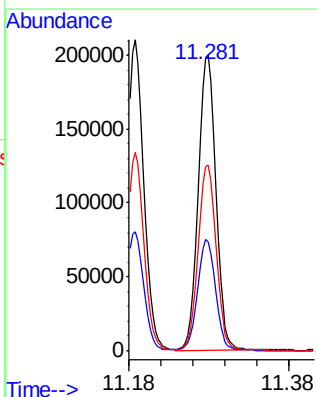
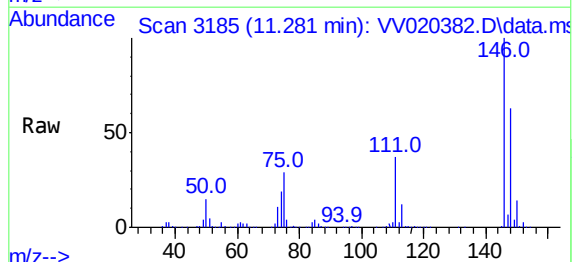
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

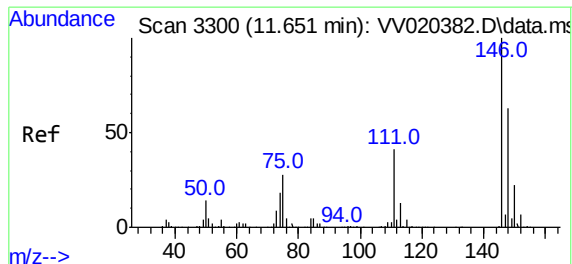
Tgt Ion:146 Resp: 314528
Ion Ratio Lower Upper
146 100
111 38.3 26.8 49.8
148 63.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.83 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion:146 Resp: 310321
Ion Ratio Lower Upper
146 100
111 36.8 25.8 47.8
148 62.7 43.9 81.5

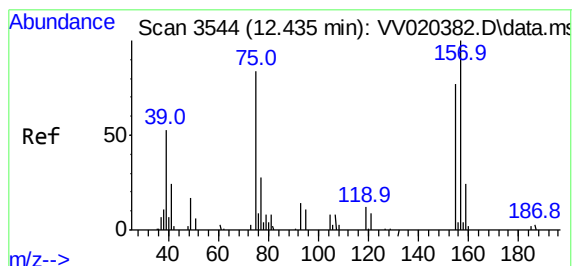
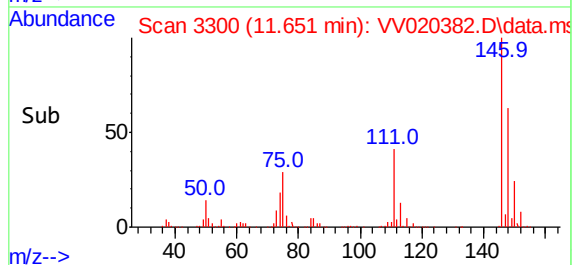
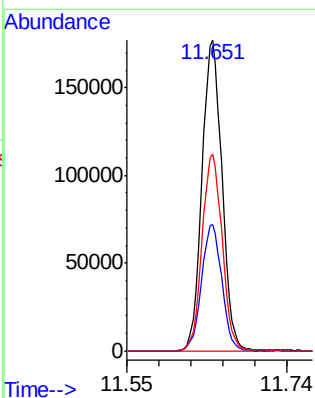
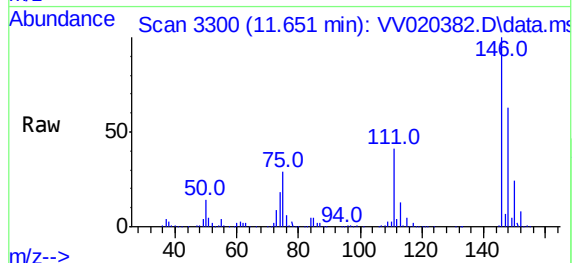




#67
1,2-Dichlorobenzene
Concen: 5.91 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

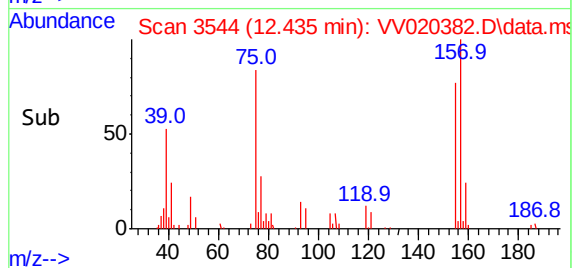
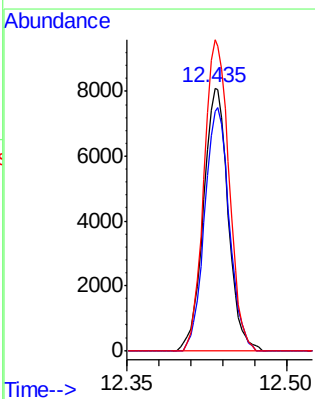
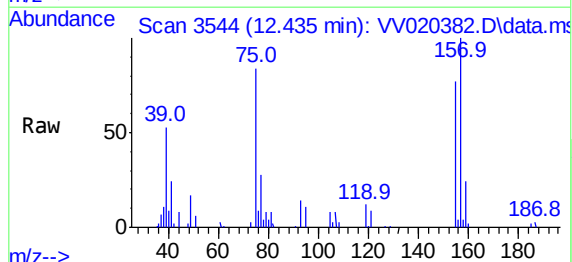
Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

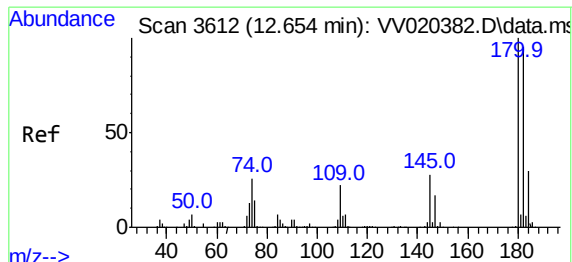
Tgt Ion:146 Resp: 280491
Ion Ratio Lower Upper
146 100
111 40.8 32.6 49.0
148 63.5 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.78 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion: 75 Resp: 12845
Ion Ratio Lower Upper
75 100
155 91.0 72.8 109.2
157 118.4 94.7 142.1

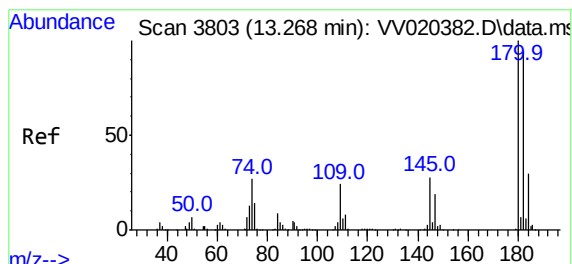
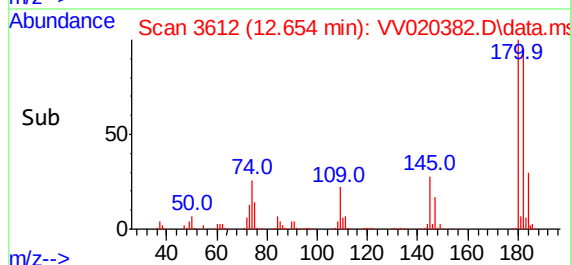
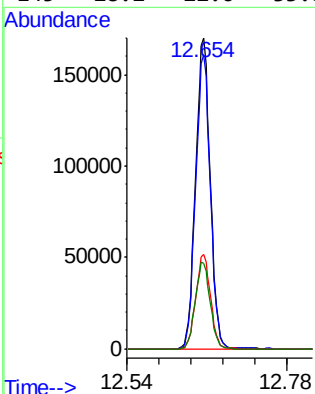
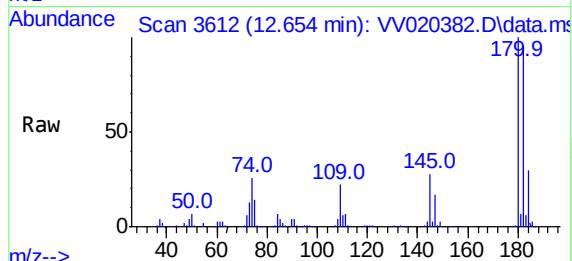




#69
 1,3,5-Trichlorobenzene
 Concen: 5.68 ug/L
 RT: 12.654 min Scan# 3612
 Delta R.T. 0.000 min
 Lab File: VV020382.D
 Acq: 23 Feb 2021 14:58

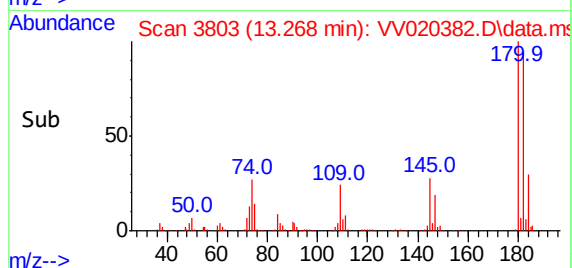
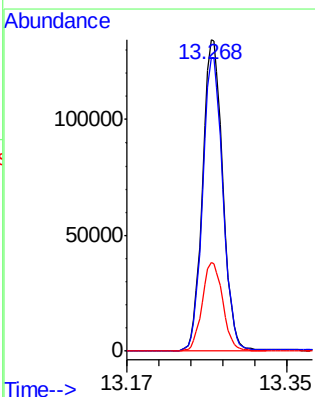
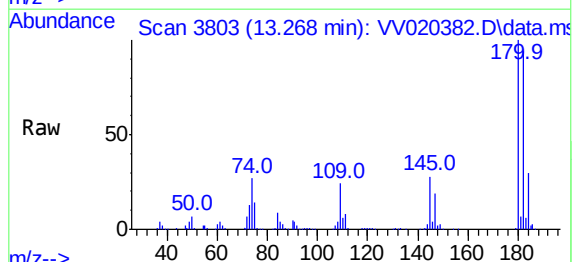
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005705

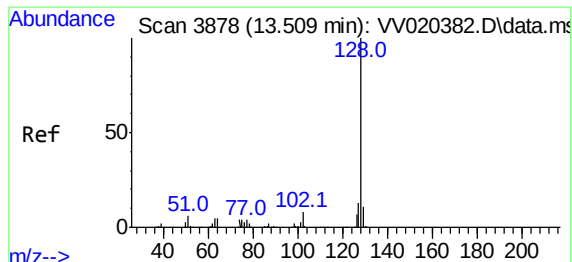
Tgt Ion:180 Resp: 256019
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 184 30.5 24.4 36.6
 145 28.2 22.6 33.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.68 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.000 min
 Lab File: VV020382.D
 Acq: 23 Feb 2021 14:58

Tgt Ion:180 Resp: 206361
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.7 113.5
 145 28.7 23.0 34.4

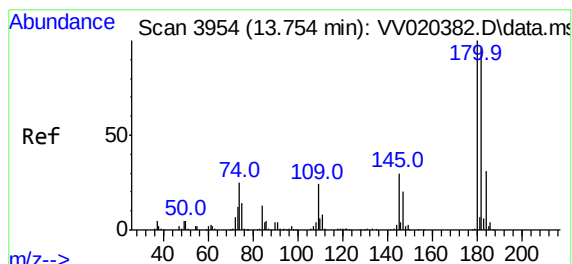
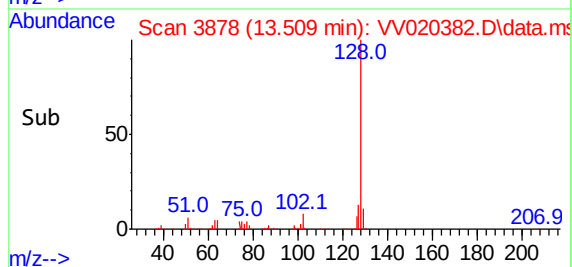
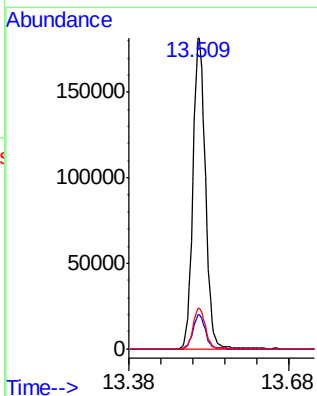
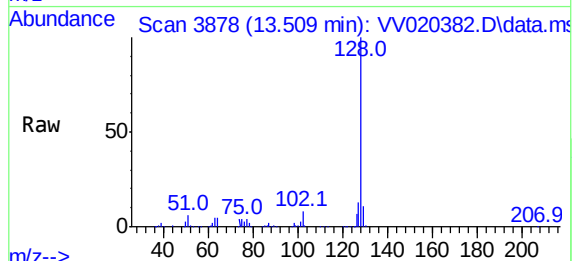




#71
Naphthalene
Concen: 5.80 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD005705

Tgt Ion:128 Resp: 286900
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.67 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.000 min
Lab File: VV020382.D
Acq: 23 Feb 2021 14:58

Tgt Ion:180 Resp: 182308
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 30.8 24.6 37.0

