

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022421\
 Data File : VW020388.D
 Acq On : 23 Feb 2021 18:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005708

Quant Time: Feb 24 03:14:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 03:03:54 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.622	114	307912	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	296991	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.256	152	166124	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	92821	4.75 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 95.00%
7) Chloroethane-d5	1.568	69	75542	4.83 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 96.60%
11) 1,1-Dichloroethene-d2	2.111	63	186018	4.81 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 96.20%
20) 2-Butanone-d5	3.909	46	203916	57.00 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 114.00%
24) Chloroform-d	4.355	84	179183	4.88 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 97.60%
26) 1,2-Dichloroethane-d4	5.040	65	88827	5.12 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.40%
32) Benzene-d6	5.053	84	345769	5.01 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 100.20%
36) 1,2-Dichloropropane-d6	6.076	67	102491	5.00 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 100.00%
41) Toluene-d8	7.320	98	340721	5.11 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.20%
43) trans-1,3-Dichloroprop...	7.625	79	41436	5.39 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.80%
46) 2-Hexanone-d5	8.095	63	163436	60.01 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 120.02%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	79838	5.46 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 109.20%
66) 1,2-Dichlorobenzene-d4	11.632	152	138358	4.93 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 98.60%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.131	85	188797	4.96 ug/L	99
3) Chloromethane	1.240	50	154063	4.75 ug/L	99
5) Vinyl chloride	1.311	62	171706	4.95 ug/L	100
6) Bromomethane	1.523	94	107711	4.85 ug/L	100
8) Chloroethane	1.584	64	99538	4.84 ug/L	99
9) Trichlorofluoromethane	1.754	101	246154	4.93 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	133127	4.97 ug/L	99
12) 1,1-Dichloroethene	2.118	96	125781	4.91 ug/L	97
13) Acetone	2.211	43	170298	53.53 ug/L	99
14) Carbon disulfide	2.294	76	371673	4.87 ug/L	99
15) Methyl Acetate	2.446	43	40875	5.39 ug/L	94
16) Methylene chloride	2.510	84	128580	4.30 ug/L	96
17) Methyl tert-butyl Ether	2.774	73	265690	5.29 ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	130165	4.97 ug/L	98
19) 1,1-Dichloroethane	3.192	63	226214	4.88 ug/L	100
21) 2-Butanone	3.989	43	276347	58.76 ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	135486	4.94 ug/L	100
23) Bromochloromethane	4.253	128	62744	5.08 ug/L	98
25) Chloroform	4.381	83	242193	4.88 ug/L	100
27) 1,2-Dichloroethane	5.137	62	141212	5.16 ug/L	100

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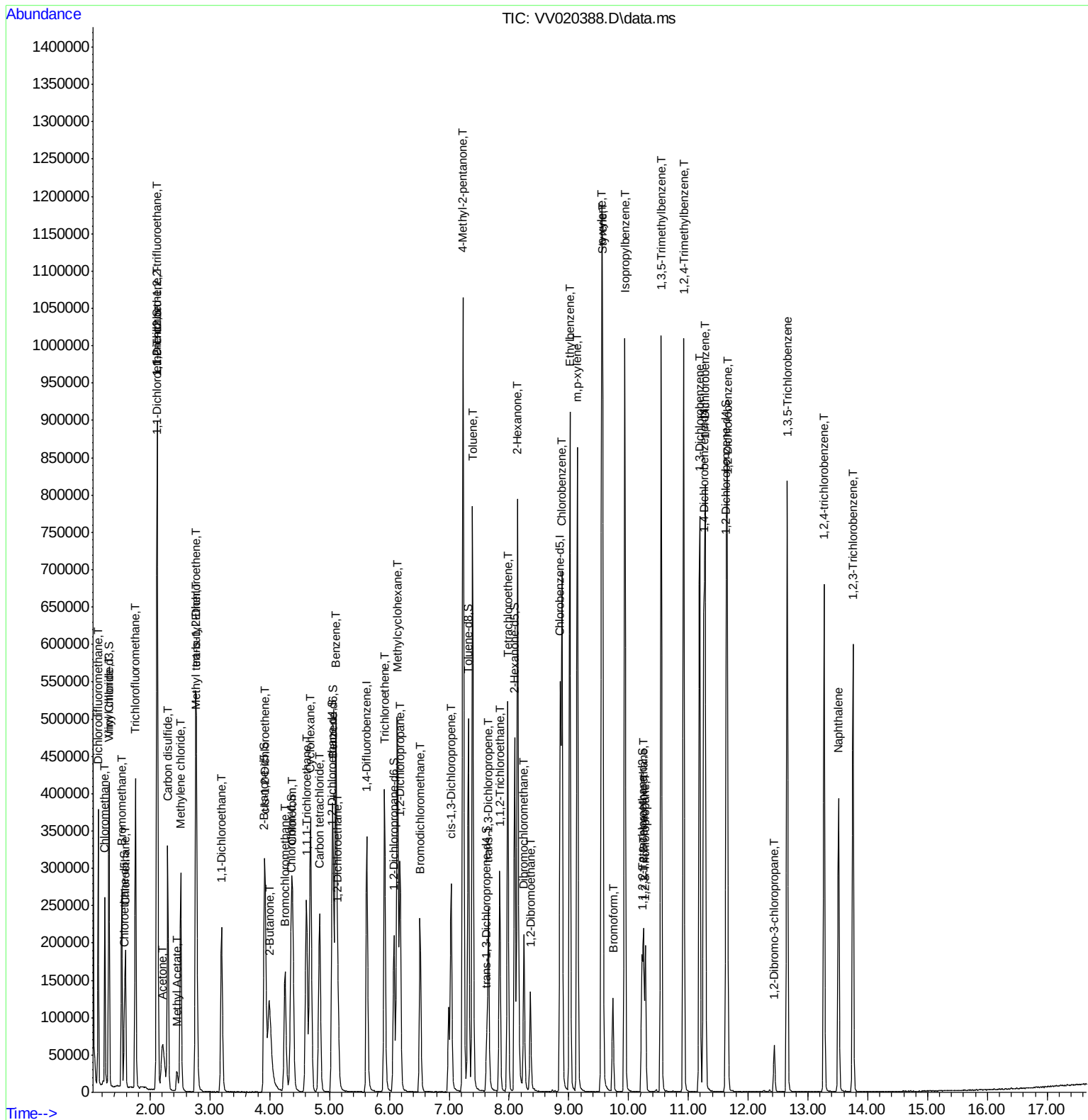
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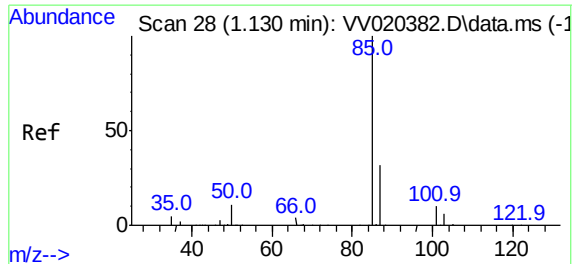
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.613	97	212234	5.01	ug/L	99
30) Cyclohexane	4.680	56	196460	5.10	ug/L	98
31) Carbon tetrachloride	4.831	117	187253	5.08	ug/L	99
33) Benzene	5.105	78	518508	5.05	ug/L	100
34) Trichloroethene	5.918	95	144581	5.01	ug/L	99
35) Methylcyclohexane	6.134	83	216251	5.10	ug/L	99
37) 1,2-Dichloropropane	6.179	63	122737	5.03	ug/L	99
38) Bromodichloromethane	6.513	83	159375	5.10	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	171611	5.11	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	678873	58.31	ug/L	99
42) Toluene	7.391	91	573714	5.10	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	144229	5.32	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	93270	5.33	ug/L	98
47) Tetrachloroethene	7.979	164	121815	4.97	ug/L	99
48) 2-Hexanone	8.143	43	489884	59.48	ug/L	100
49) Dibromochloromethane	8.249	129	107567	5.31	ug/L	98
50) 1,2-Dibromoethane	8.358	107	87433	5.33	ug/L	96
51) Chlorobenzene	8.886	112	375111	5.04	ug/L	99
52) Ethylbenzene	9.018	91	631292	5.09	ug/L	99
53) m,p-xylene	9.143	106	243027	5.09	ug/L	98
54) o-xylene	9.548	106	232155	5.17	ug/L	98
55) Styrene	9.564	104	400192	5.33	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	101480	5.53	ug/L	100
59) Bromoform	9.738	173	56809	5.28	ug/L	100
60) Isopropylbenzene	9.937	105	635476	5.05	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	79869	5.26	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	527033	5.11	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	541187	5.20	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	317626	4.94	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	315182	4.89	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	292683	5.05	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.436	75	15226	5.70	ug/L	98
69) 1,3,5-Trichlorobenzene	12.651	180	257103	4.93	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	213311	5.08	ug/L	100
71) Naphthalene	13.509	128	309825	5.47	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	188431	5.20	ug/L	98

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

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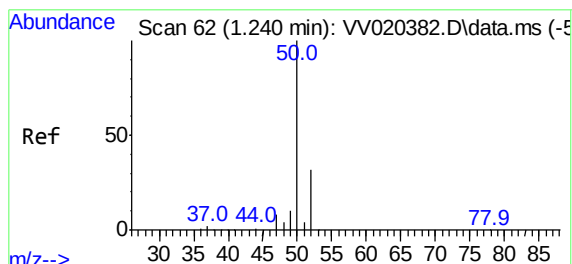
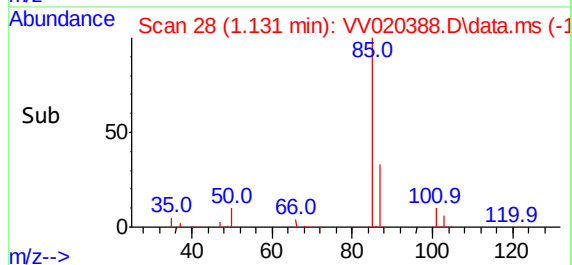
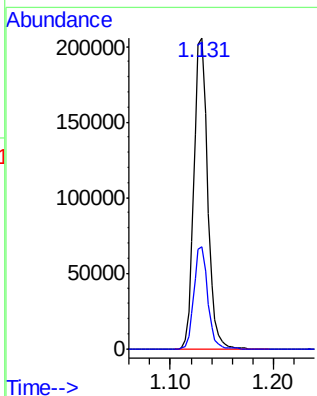
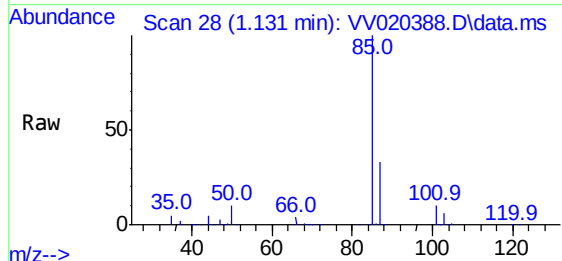


#2

Dichlorodifluoromethane
 Concen: 4.96 ug/L
 RT: 1.131 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020388.D
 Acq: 23 Feb 2021 18:52

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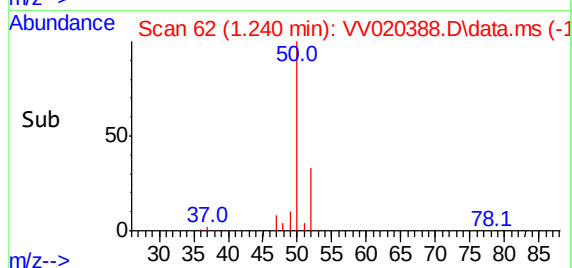
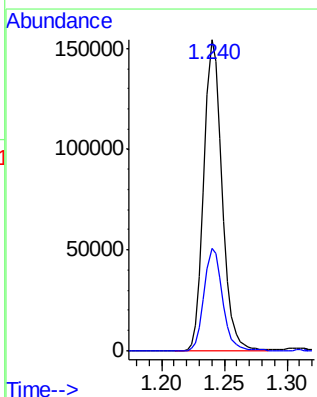
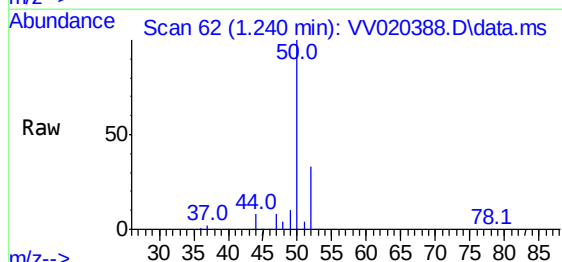
Tgt Ion: 85 Resp: 188797
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.7 38.5

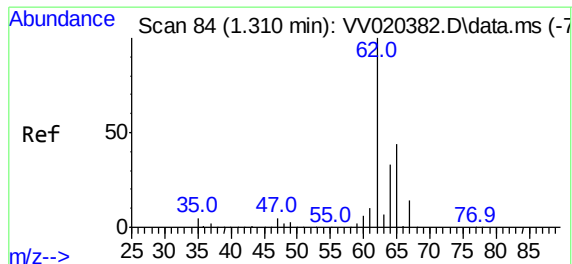


#3

Chloromethane
 Concen: 4.75 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV020388.D
 Acq: 23 Feb 2021 18:52

Tgt Ion: 50 Resp: 154063
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.9

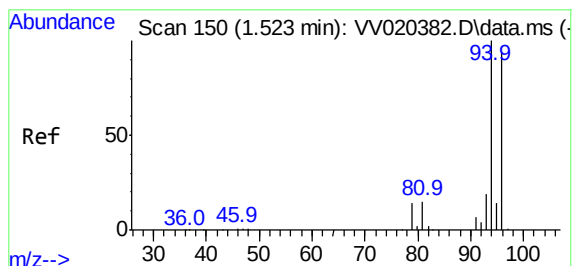
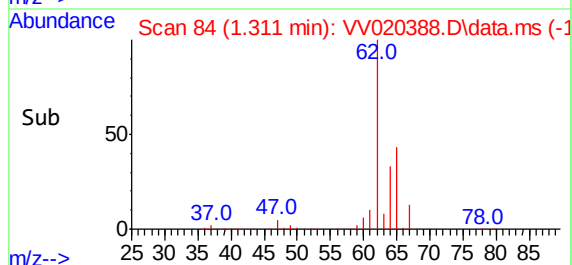
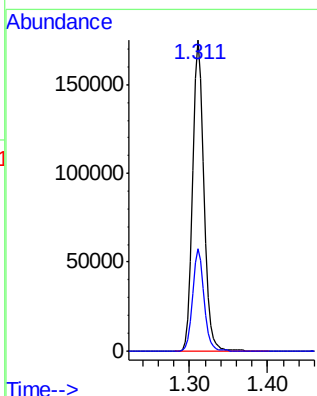
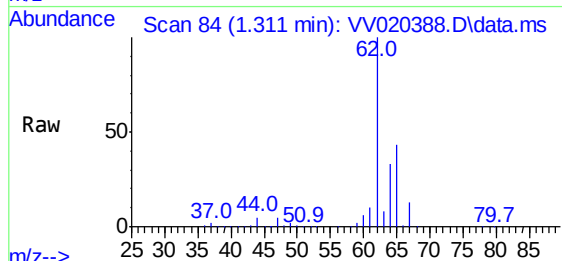




#5
 Vinyl chloride
 Concen: 4.95 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020388.D
 Acq: 23 Feb 2021 18:52

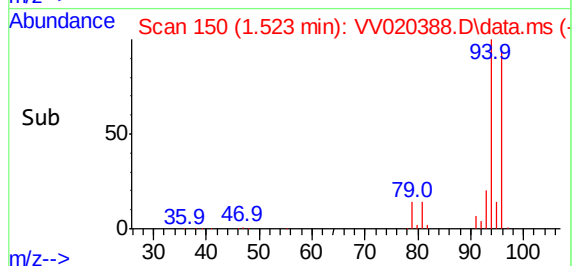
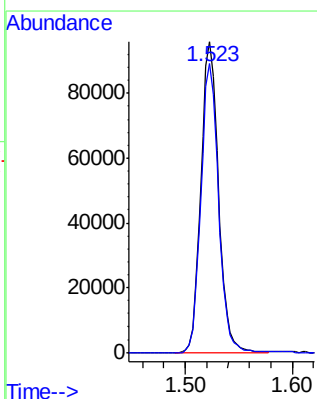
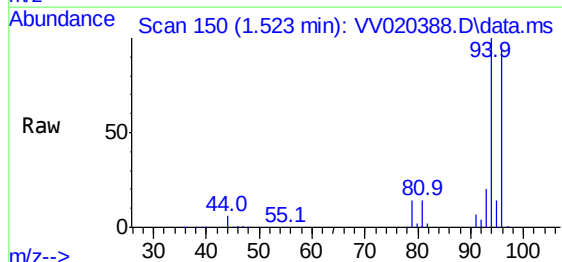
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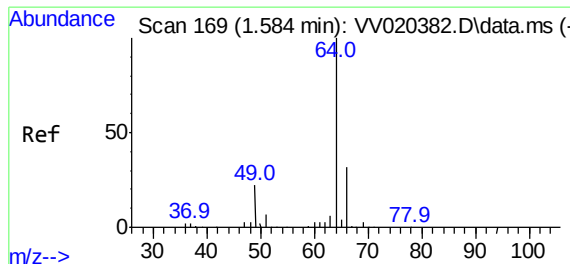
Tgt Ion: 62 Resp: 171706
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.8 42.4



#6
 Bromomethane
 Concen: 4.85 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020388.D
 Acq: 23 Feb 2021 18:52

Tgt Ion: 94 Resp: 107711
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.0 120.6

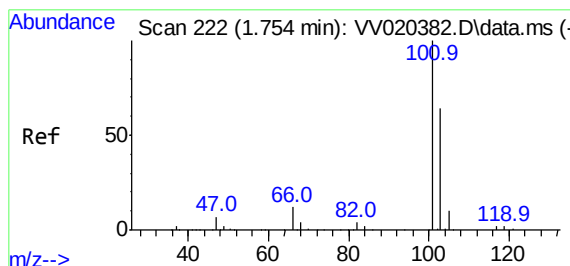
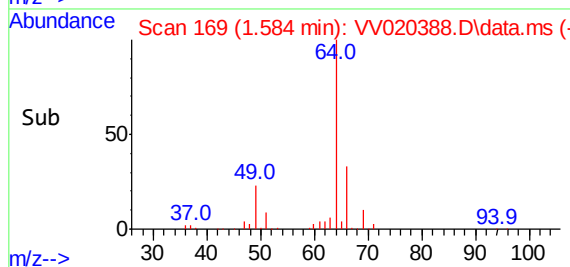
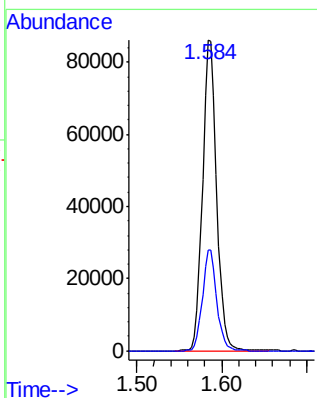
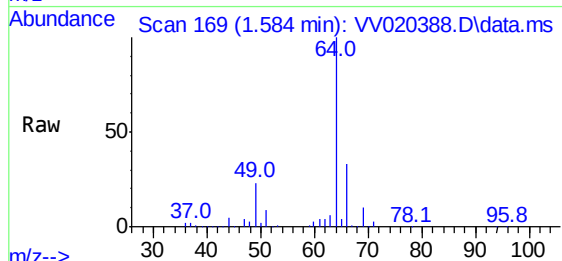




#8
Chloroethane
Concen: 4.84 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

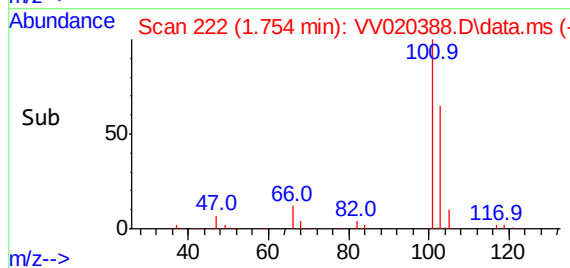
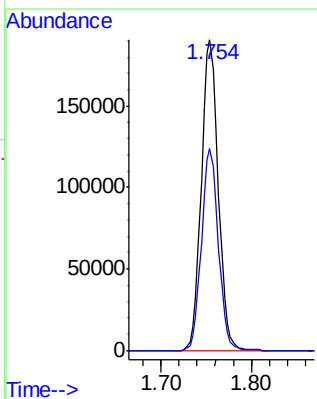
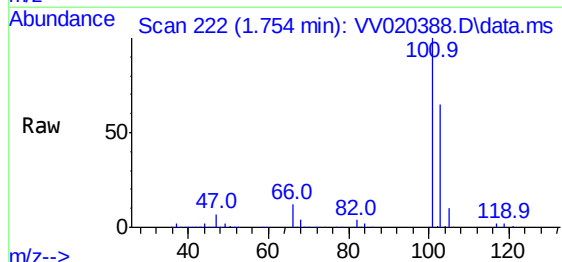
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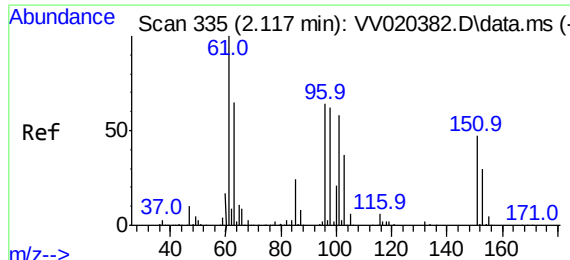
Tgt Ion: 64 Resp: 99538
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.93 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion:101 Resp: 246154
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9

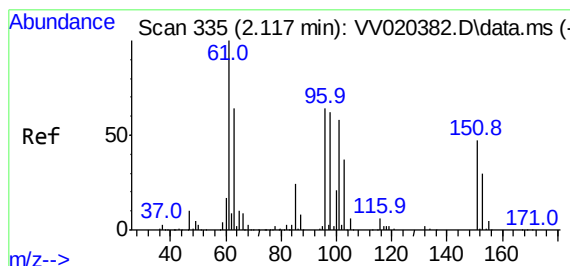
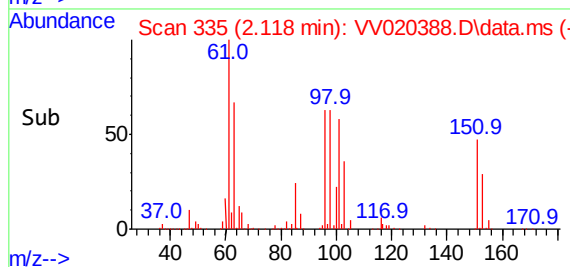
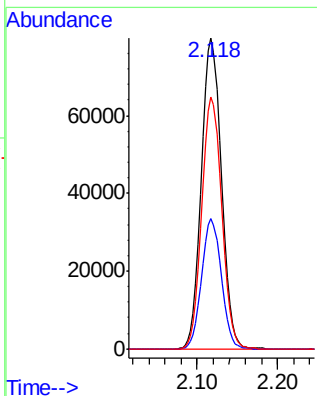
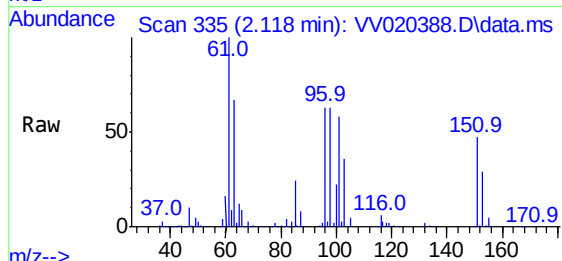




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.97 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020388.D
 Acq: 23 Feb 2021 18:52

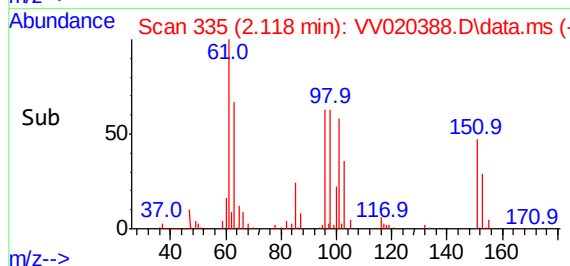
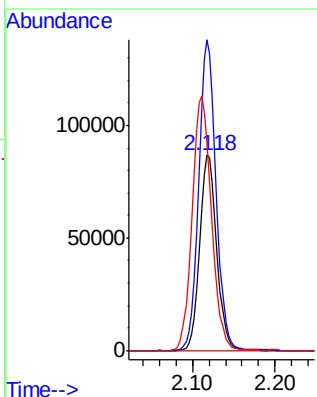
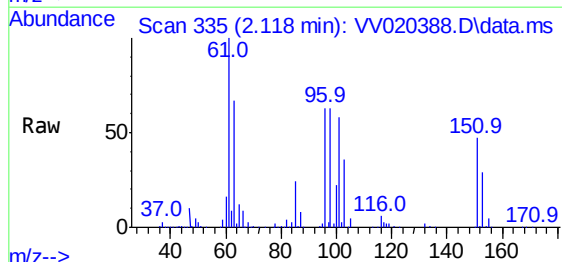
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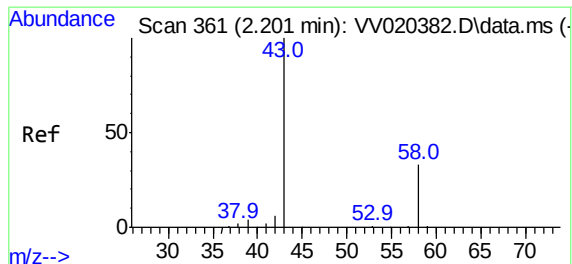
Tgt Ion:101 Resp: 133127
 Ion Ratio Lower Upper
 101 100
 85 41.2 33.0 49.6
 151 80.9 64.2 96.2



#12
 1,1-Dichloroethene
 Concen: 4.91 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020388.D
 Acq: 23 Feb 2021 18:52

Tgt Ion: 96 Resp: 125781
 Ion Ratio Lower Upper
 96 100
 61 159.0 109.8 204.0
 63 106.3 71.3 132.3

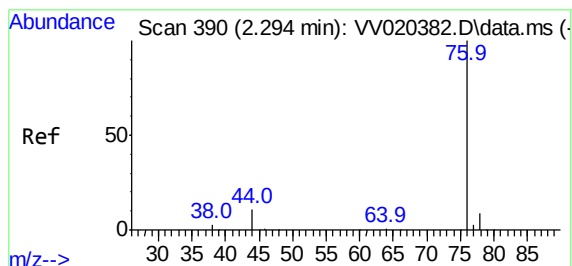
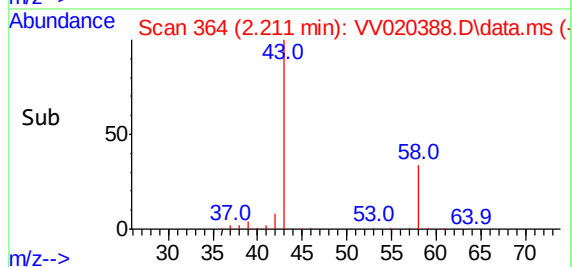
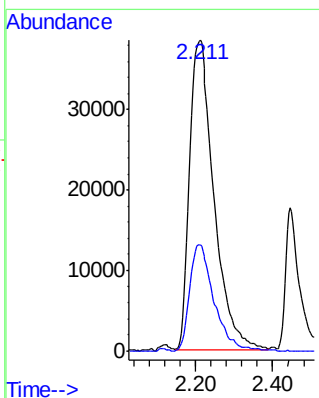
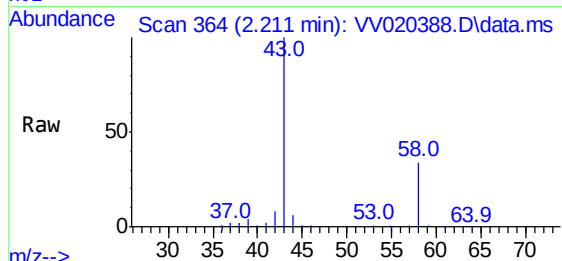




#13
Acetone
Concen: 53.53 ug/L
RT: 2.211 min Scan# 364
Delta R.T. 0.010 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

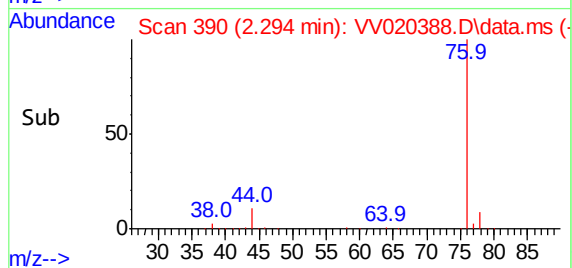
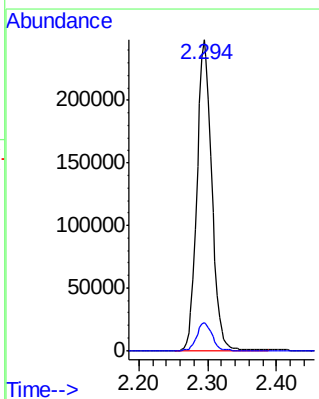
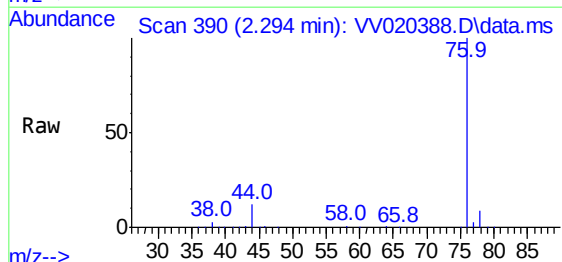
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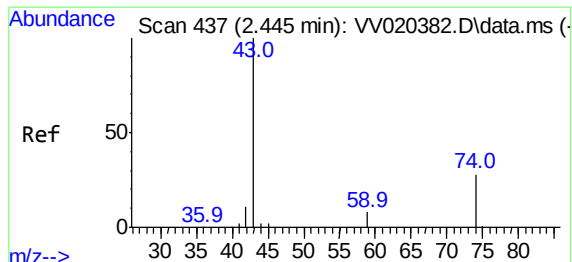
Tgt Ion: 43 Resp: 170298
Ion Ratio Lower Upper
43 100
58 33.4 0.0 67.4



#14
Carbon disulfide
Concen: 4.87 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 371673
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

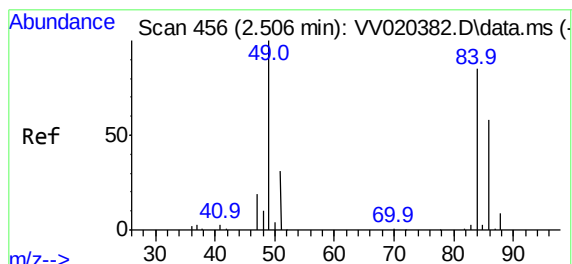
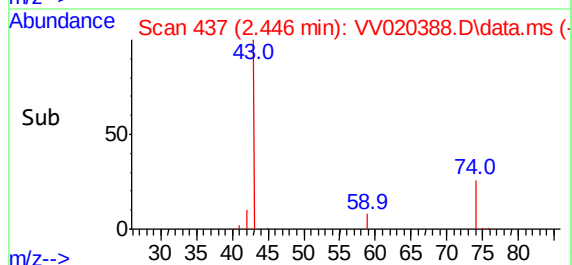
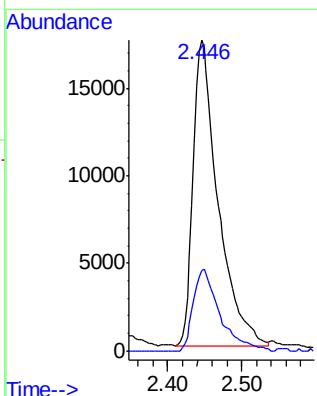
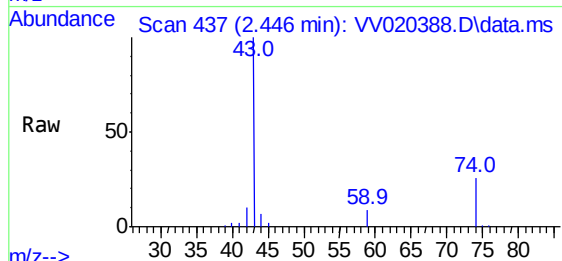




#15
Methyl Acetate
Concen: 5.39 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

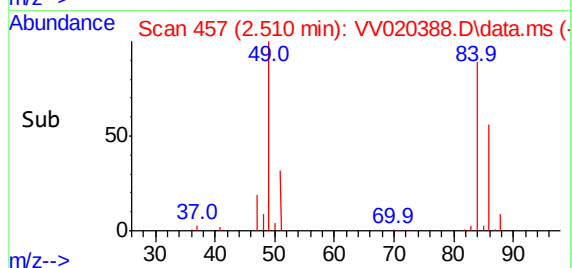
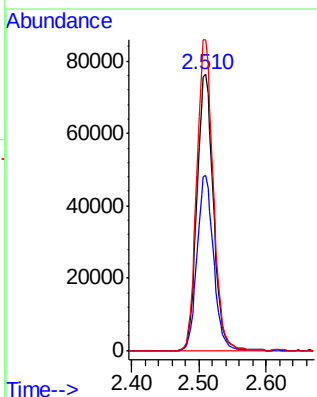
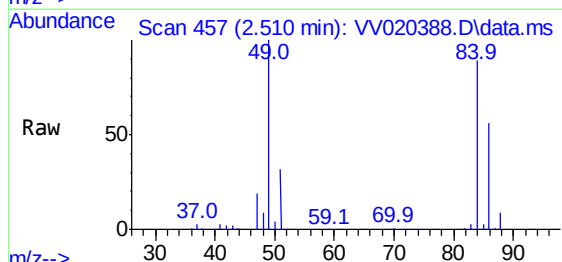
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

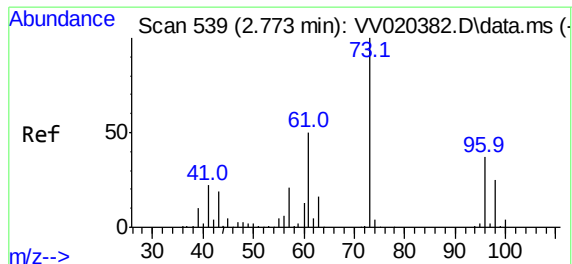
Tgt Ion: 43 Resp: 40875
Ion Ratio Lower Upper
43 100
74 28.2 20.1 30.1



#16
Methylene chloride
Concen: 4.30 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 84 Resp: 128580
Ion Ratio Lower Upper
84 100
86 63.4 47.2 87.6
49 112.6 81.9 152.1

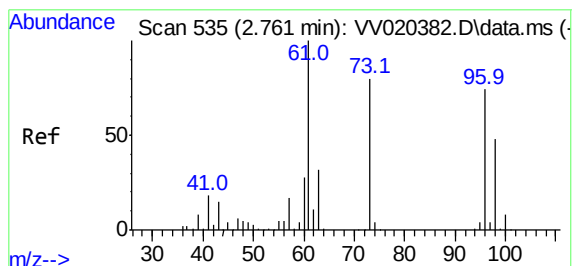
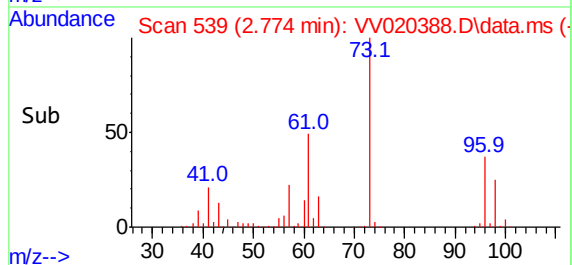
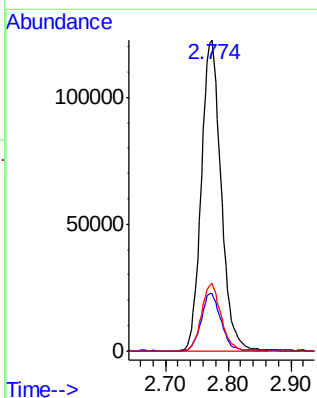
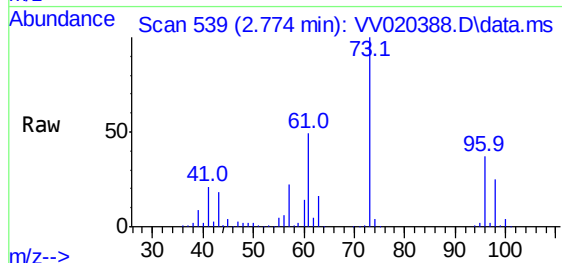




#17
Methyl tert-butyl Ether
Concen: 5.29 ug/L
RT: 2.774 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

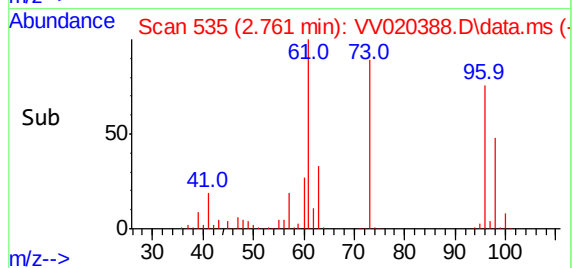
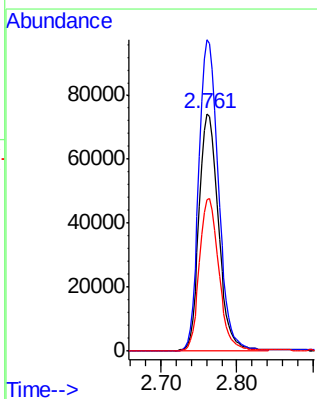
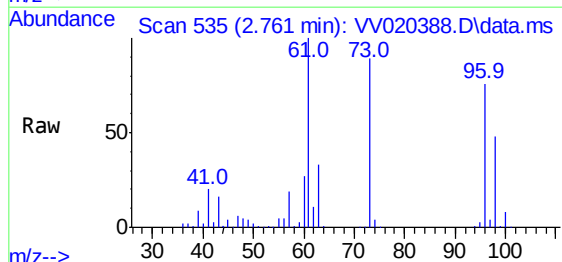
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

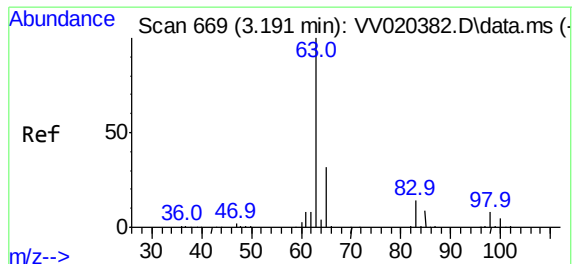
Tgt Ion: 73 Resp: 265690
Ion Ratio Lower Upper
73 100
43 18.5 15.3 22.9
57 21.3 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.97 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 96 Resp: 130165
Ion Ratio Lower Upper
96 100
61 131.3 94.1 174.8
98 63.7 45.0 83.6

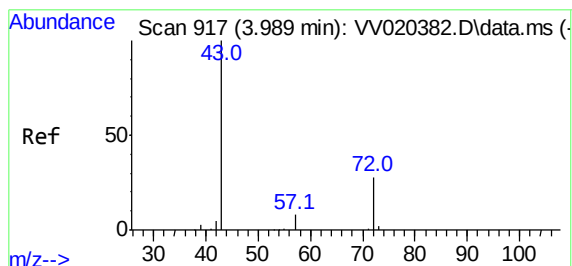
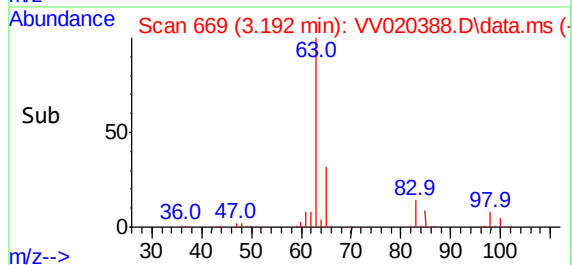
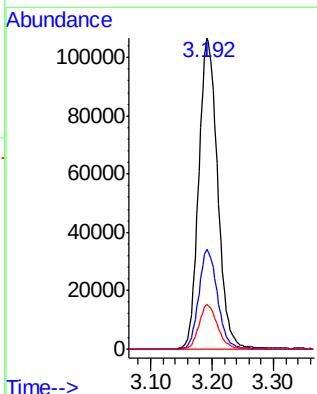
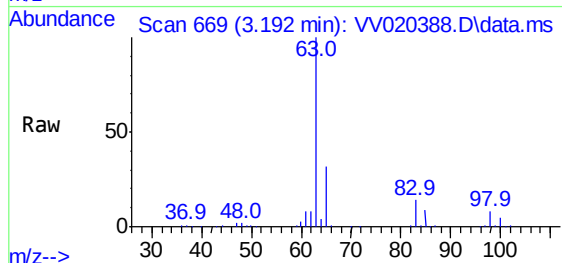




#19
1,1-Dichloroethane
Concen: 4.88 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

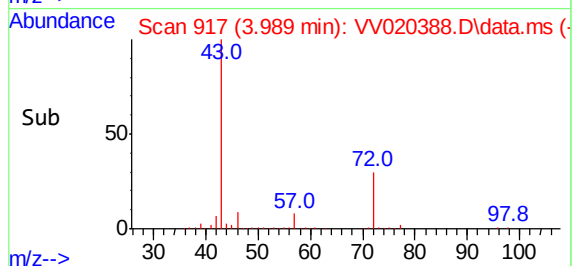
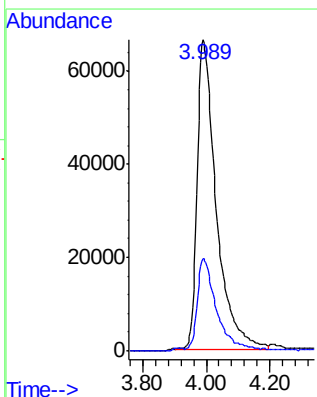
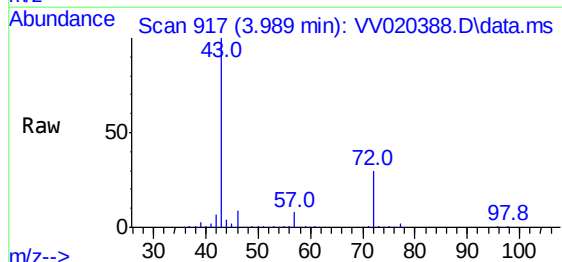
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

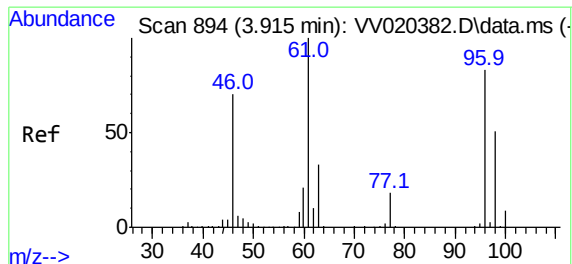
Tgt Ion: 63 Resp: 226214
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.5
83 14.3 9.7 17.9



#21
2-Butanone
Concen: 58.76 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 43 Resp: 276347
Ion Ratio Lower Upper
43 100
72 28.4 14.5 43.5

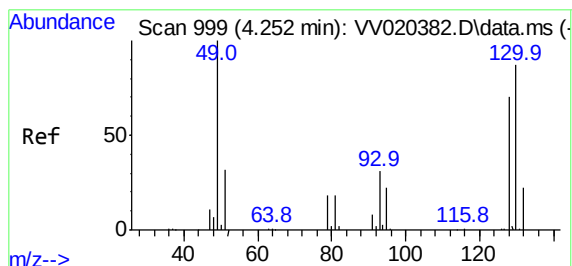
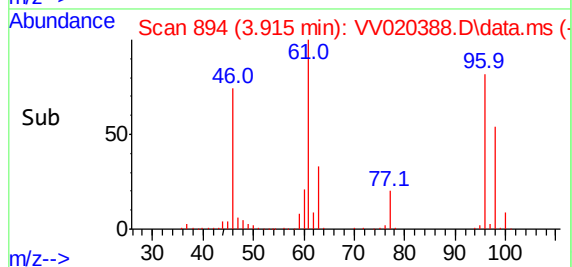
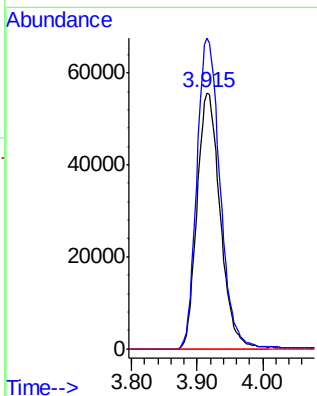
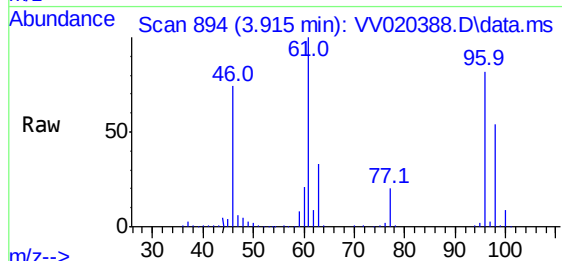




#22
cis-1,2-Dichloroethene
Concen: 4.94 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

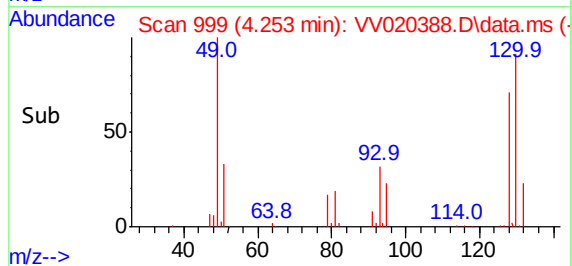
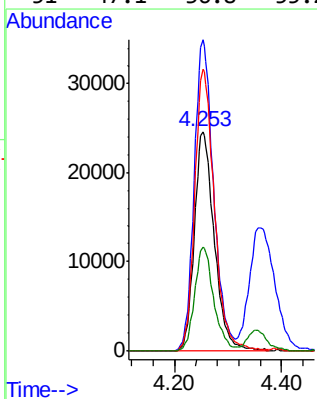
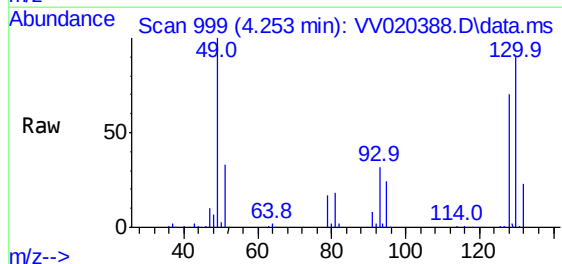
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

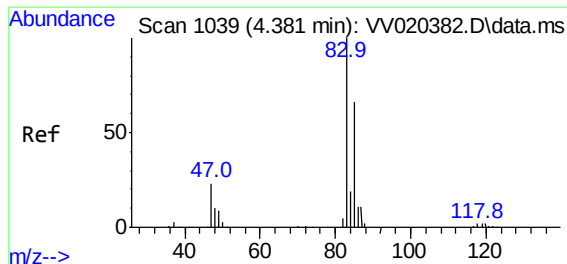
Tgt Ion: 96 Resp: 135486
Ion Ratio Lower Upper
96 100
61 121.2 84.6 157.2
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.08 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 128 Resp: 62744
Ion Ratio Lower Upper
128 100
49 141.9 100.0 185.8
130 128.4 87.4 162.2
51 47.1 36.8 55.2

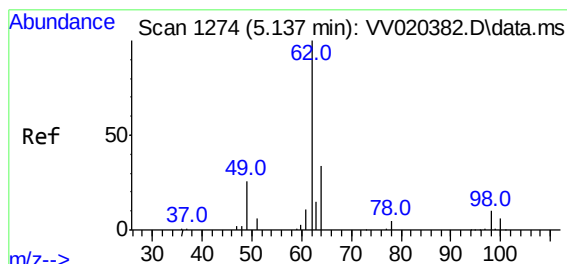
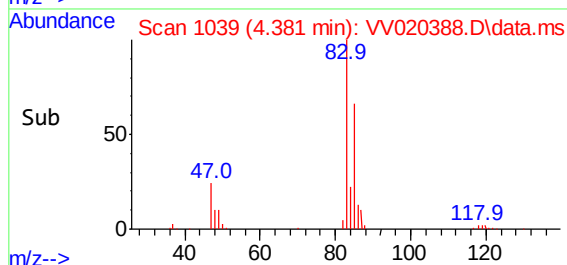
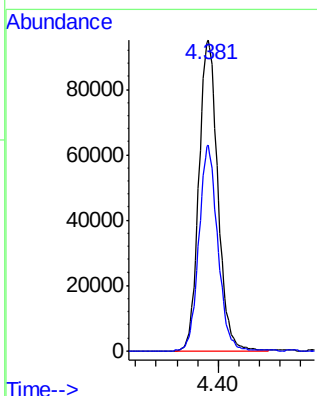
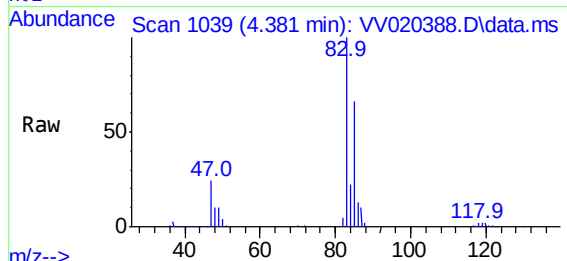




#25
Chloroform
Concen: 4.88 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

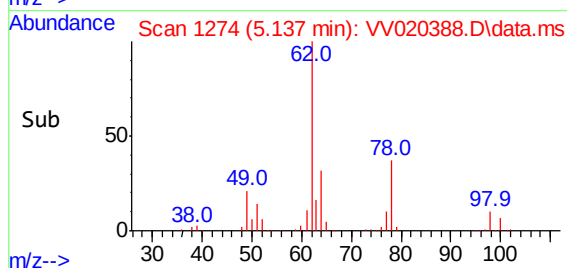
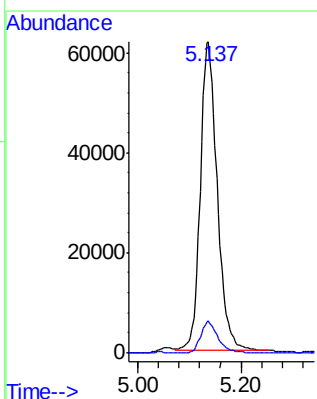
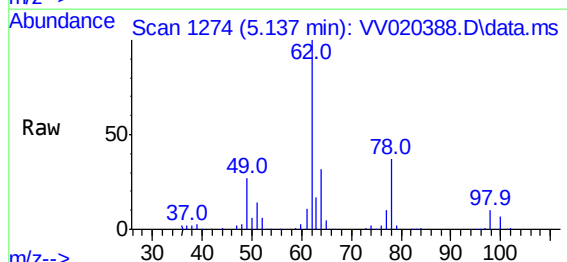
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

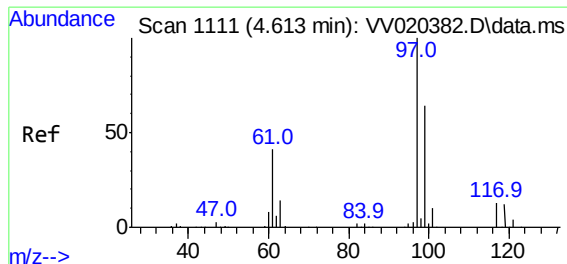
Tgt Ion: 83 Resp: 242193
Ion Ratio Lower Upper
83 100
85 66.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.16 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 62 Resp: 141212
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0

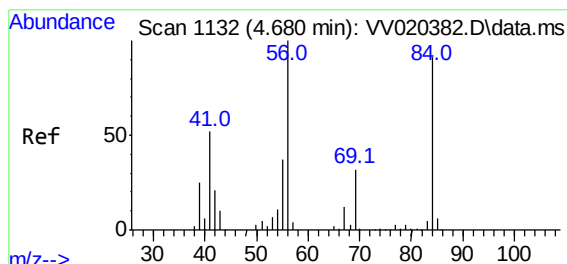
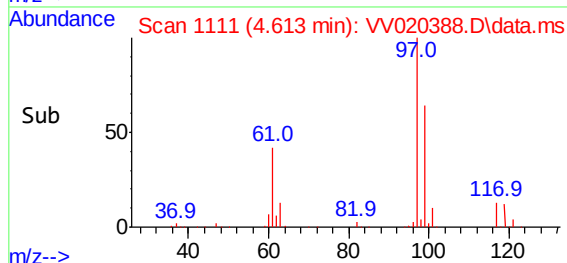
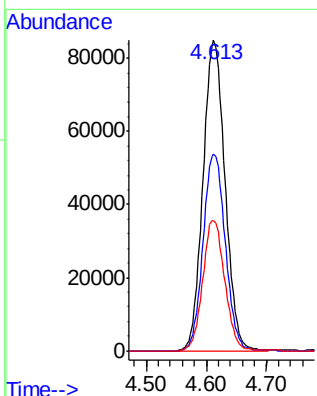
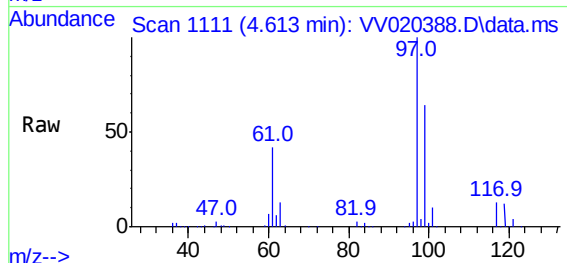




#29
1,1,1-Trichloroethane
Concen: 5.01 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

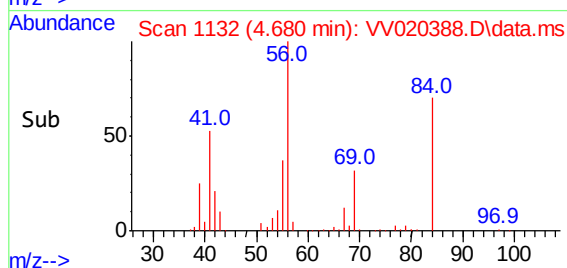
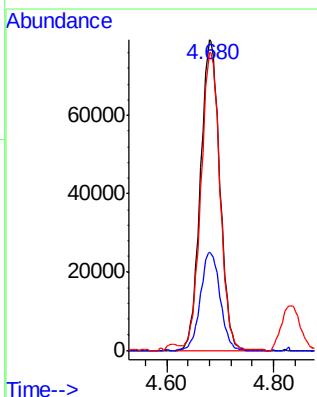
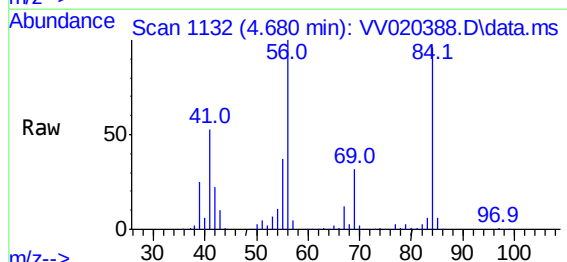
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

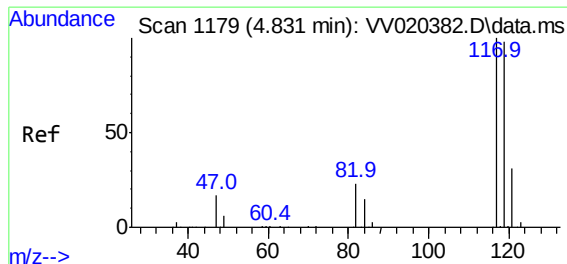
Tgt Ion: 97 Resp: 212234
Ion Ratio Lower Upper
97 100
99 63.9 50.6 75.8
61 41.8 33.2 49.8



#30
Cyclohexane
Concen: 5.10 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 56 Resp: 196460
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.0
84 94.2 73.5 110.3

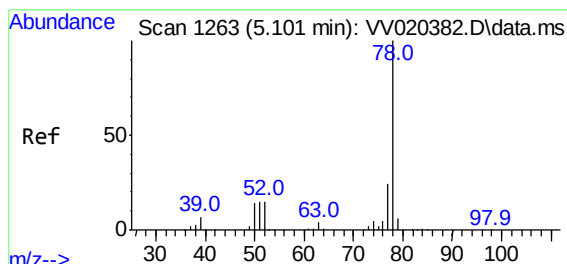
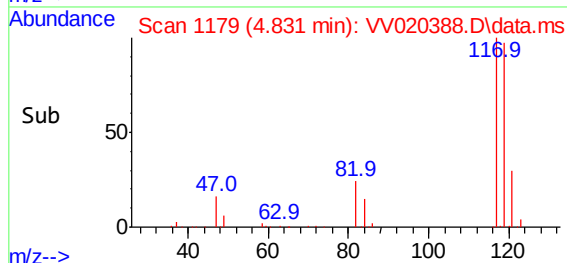
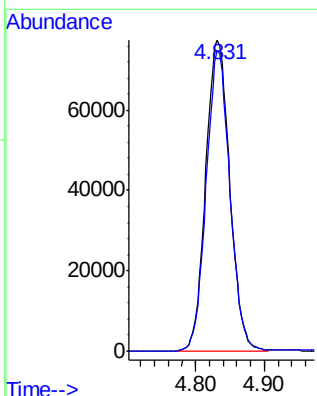
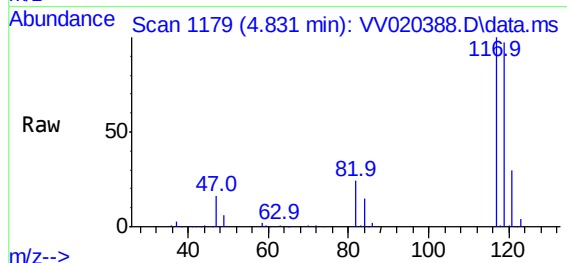




#31
Carbon tetrachloride
Concen: 5.08 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

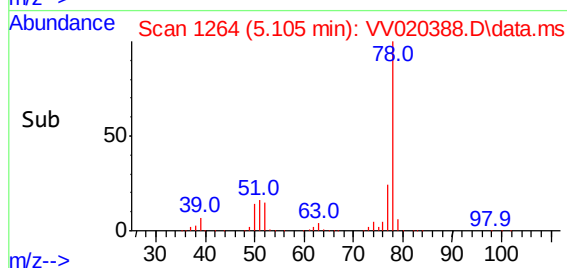
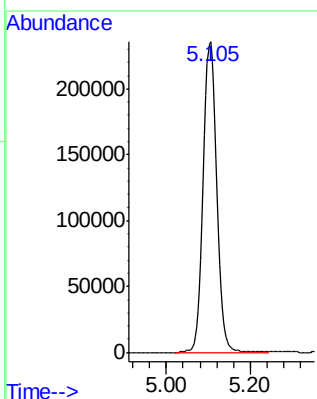
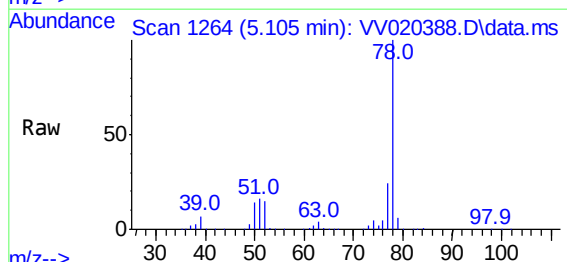
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

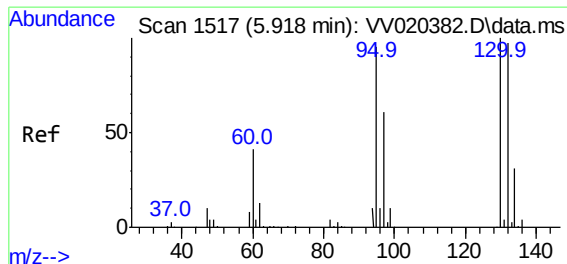
Tgt Ion:117 Resp: 187253
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.2



#33
Benzene
Concen: 5.05 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 78 Resp: 518508

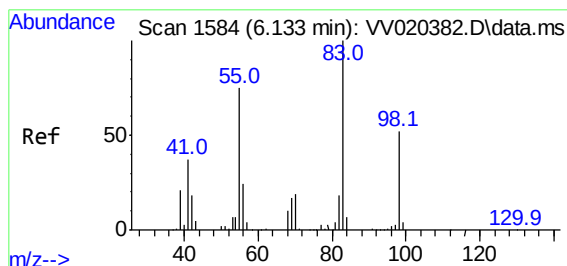
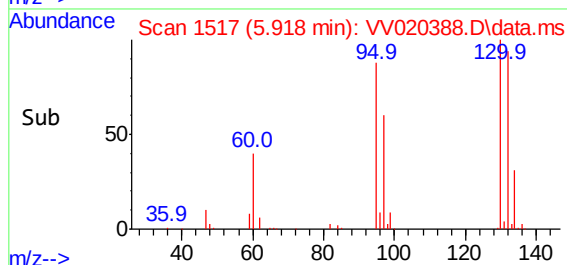
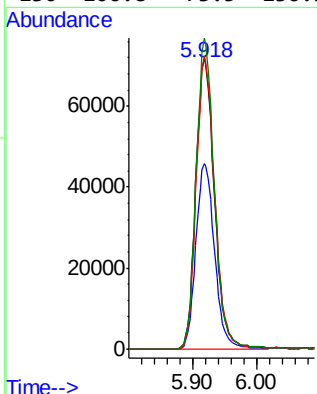
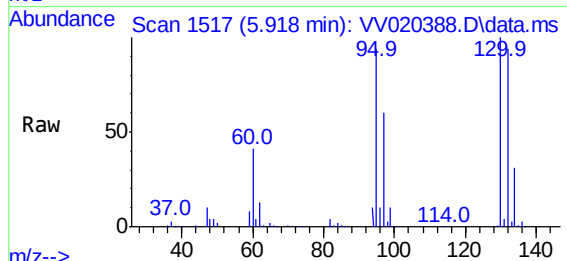




#34
Trichloroethene
Concen: 5.01 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

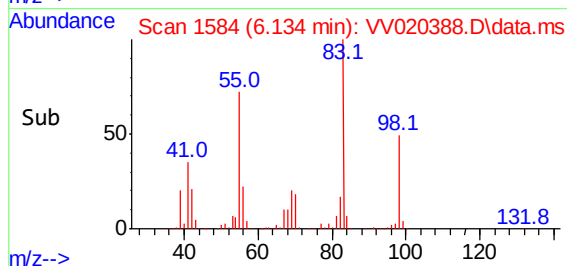
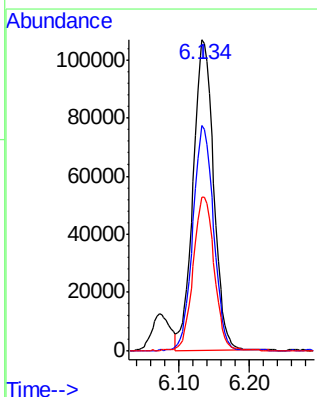
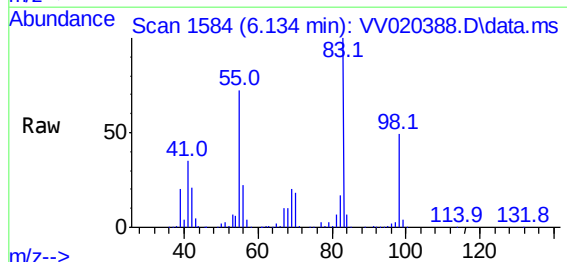
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

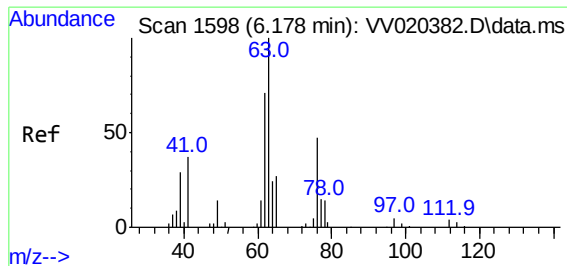
Tgt Ion: 95 Resp: 144581
Ion Ratio Lower Upper
95 100
97 63.9 45.1 83.9
132 100.7 71.5 132.9
130 106.8 73.5 136.5



#35
Methylcyclohexane
Concen: 5.10 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 83 Resp: 216251
Ion Ratio Lower Upper
83 100
55 72.5 59.1 88.7
98 49.7 40.1 60.1

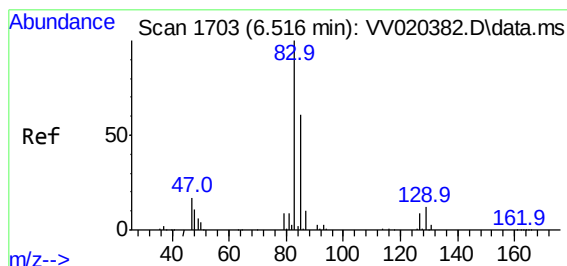
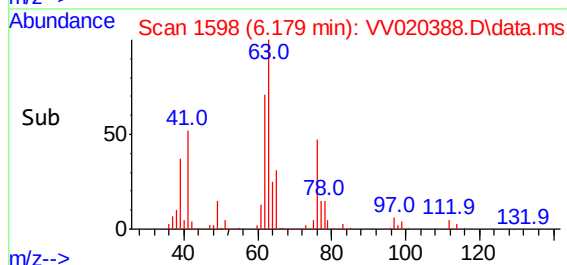
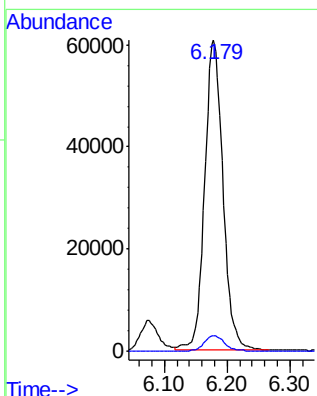
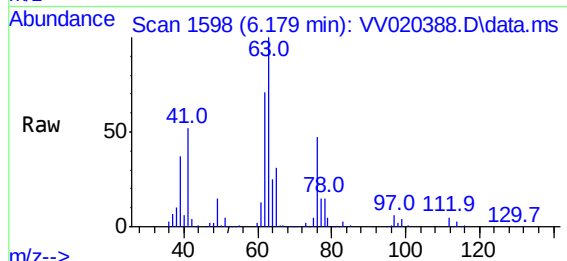




#37
1,2-Dichloropropane
Concen: 5.03 ug/L
RT: 6.179 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

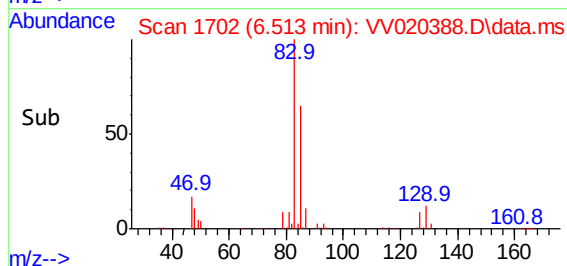
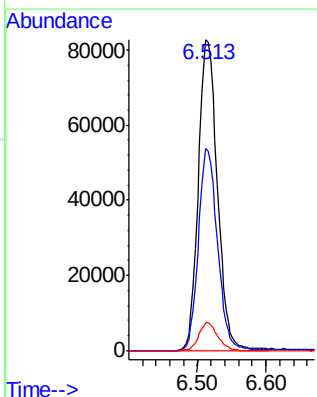
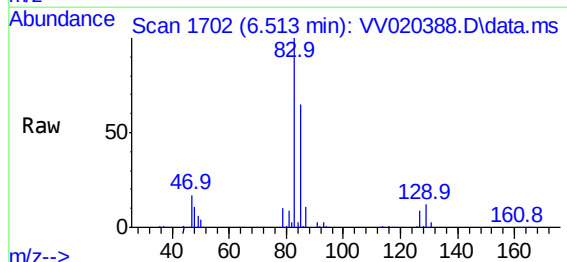
Instrument :
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ClientSampled :
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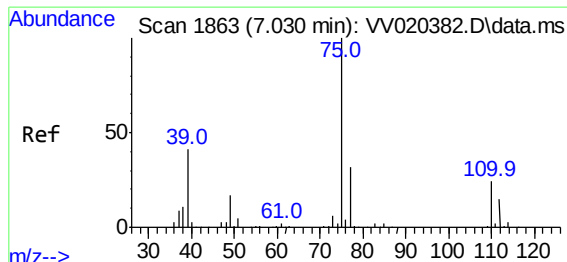
Tgt Ion: 63 Resp: 122737
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 5.10 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.003 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 83 Resp: 159375
Ion Ratio Lower Upper
83 100
85 65.1 43.0 79.8
127 8.8 7.0 10.6

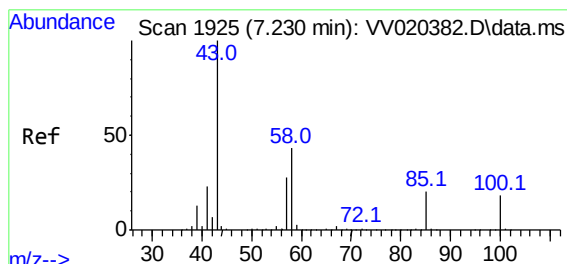
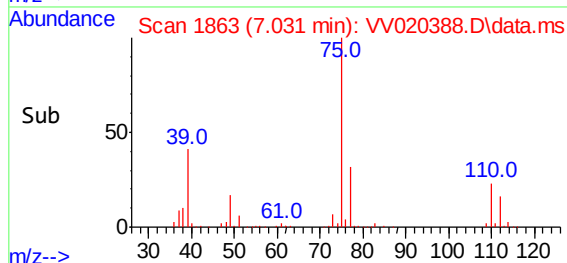
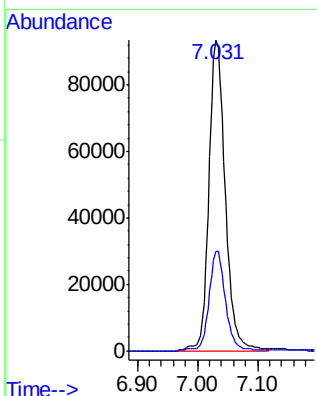
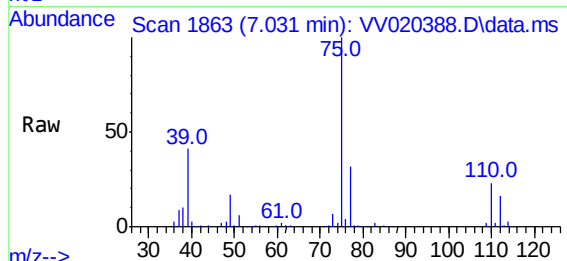




#39
cis-1,3-Dichloropropene
Concen: 5.11 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

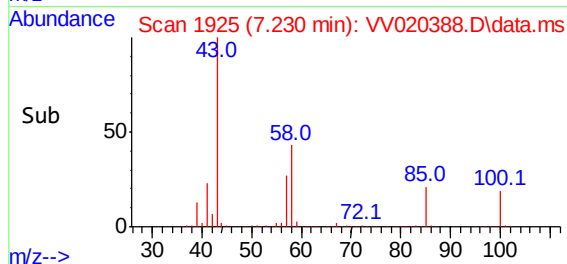
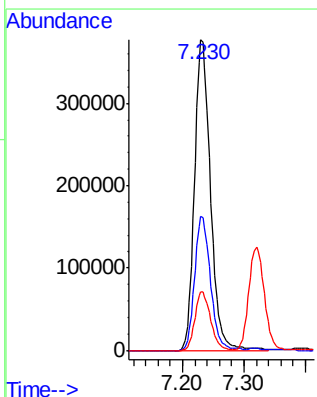
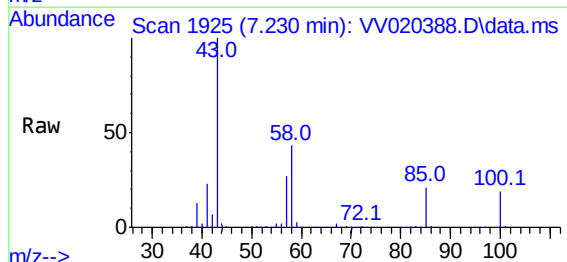
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

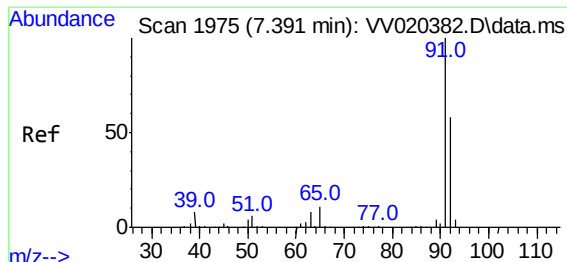
Tgt Ion: 75 Resp: 171611
Ion Ratio Lower Upper
75 100
77 32.1 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 58.31 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 43 Resp: 678873
Ion Ratio Lower Upper
43 100
58 43.0 34.1 51.1
100 18.6 14.6 21.8

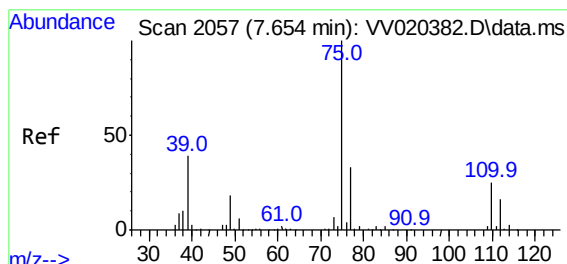
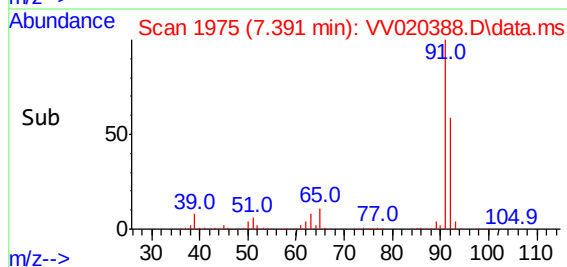
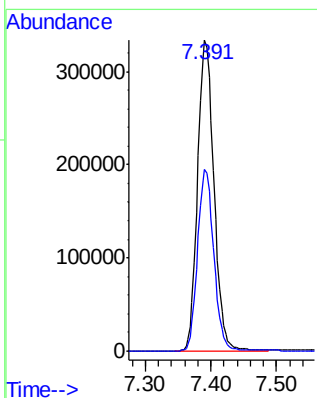
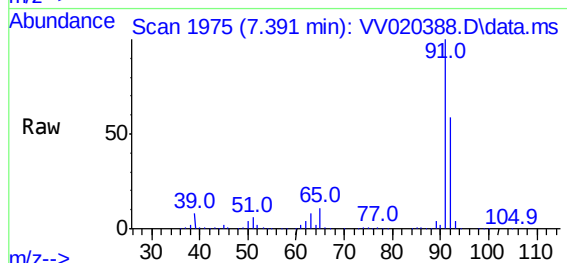




#42
Toluene
Concen: 5.10 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

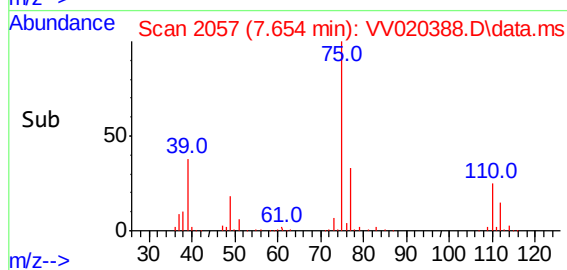
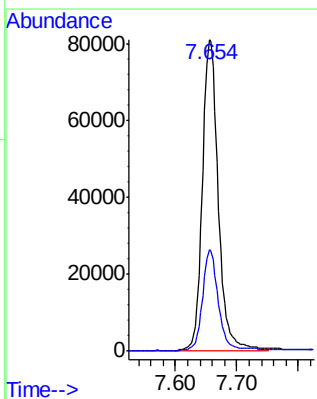
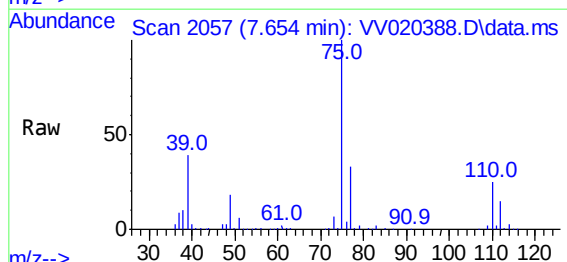
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

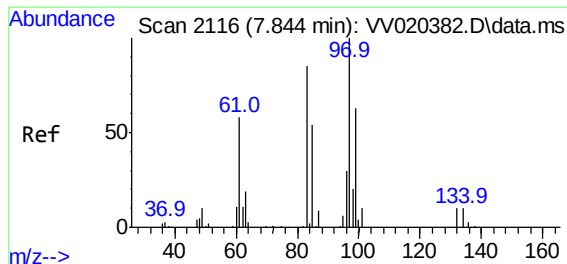
Tgt Ion: 91 Resp: 573714
Ion Ratio Lower Upper
91 100
92 58.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 5.32 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 75 Resp: 144229
Ion Ratio Lower Upper
75 100
77 32.6 22.9 42.5



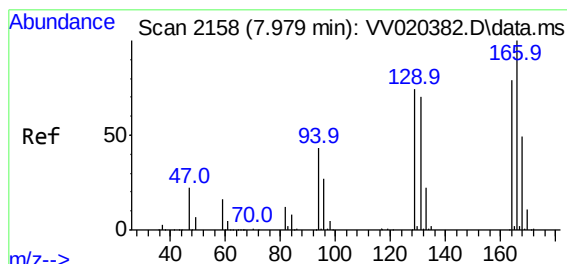
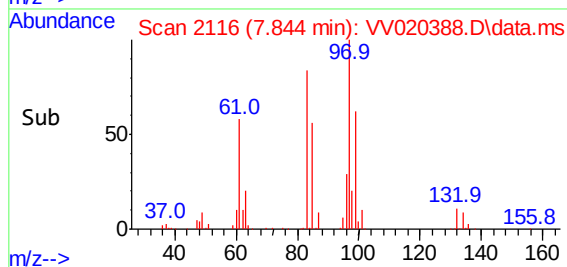
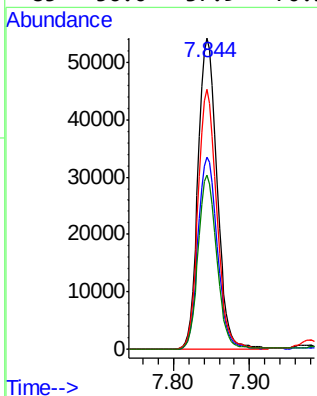
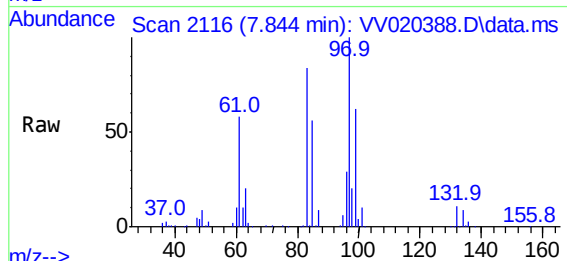


#45
1,1,2-Trichloroethane
Concen: 5.33 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

Tgt Ion: 97 Resp: 93270

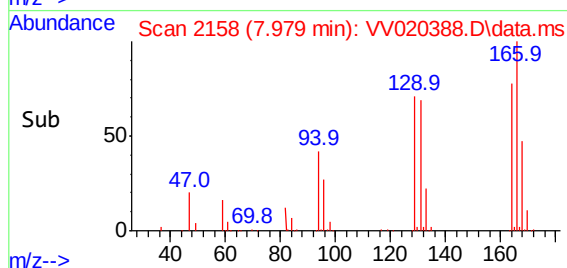
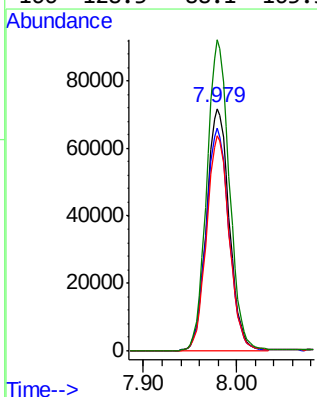
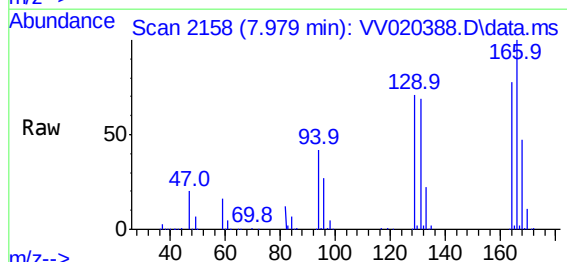
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.1	81.9
83	83.7	59.4	110.4
85	56.0	37.9	70.5

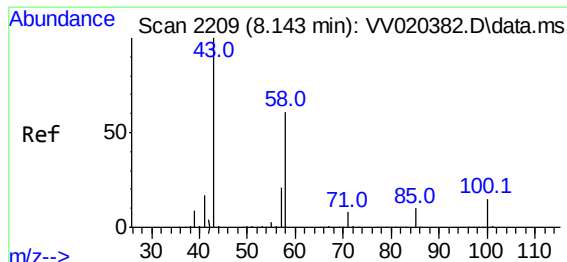


#47
Tetrachloroethene
Concen: 4.97 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 164 Resp: 121815

Ion	Ratio	Lower	Upper
164	100		
129	91.7	65.0	120.6
131	88.7	61.8	114.8
166	128.3	88.1	163.5

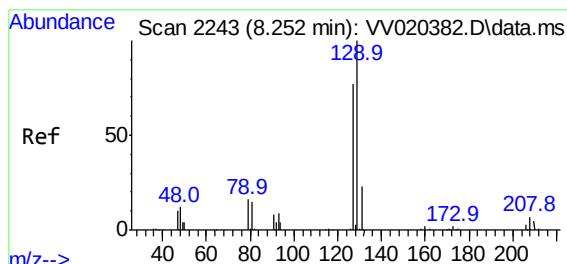
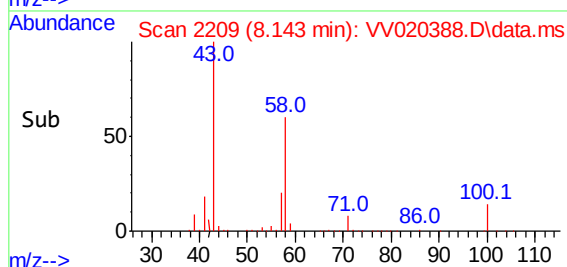
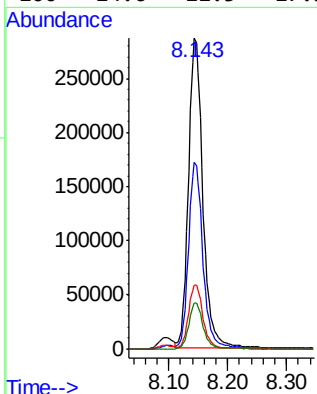
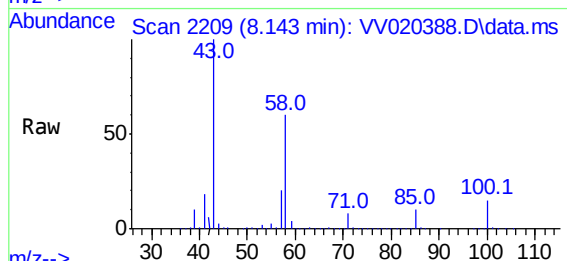




#48
2-Hexanone
Concen: 59.48 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

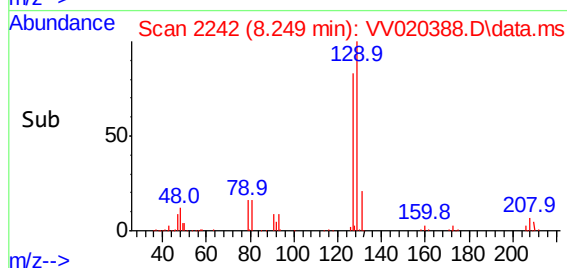
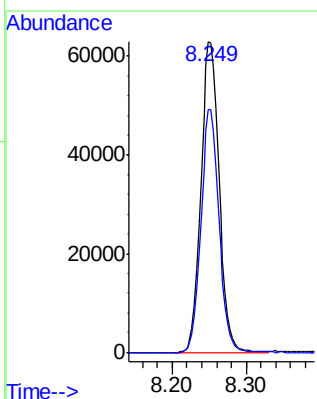
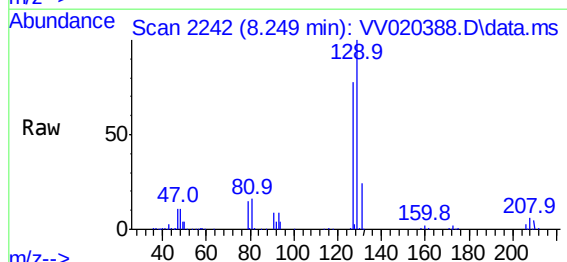
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

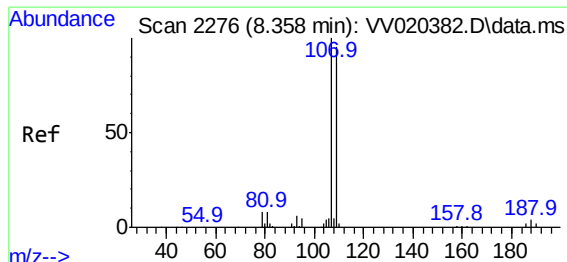
Tgt Ion: 43 Resp: 489884
Ion Ratio Lower Upper
43 100
58 59.6 47.8 71.8
57 20.6 16.6 24.8
100 14.6 11.5 17.3



#49
Dibromochloromethane
Concen: 5.31 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 129 Resp: 107567
Ion Ratio Lower Upper
129 100
127 78.3 53.6 99.6

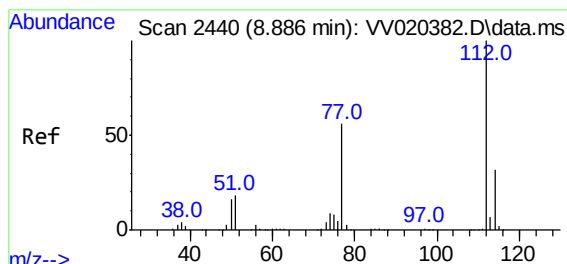
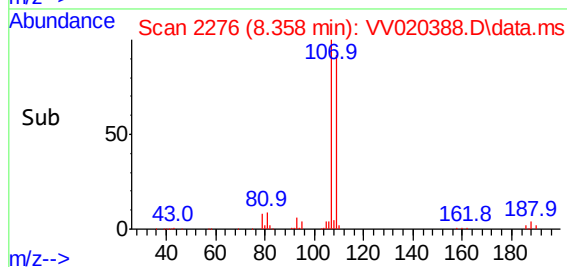
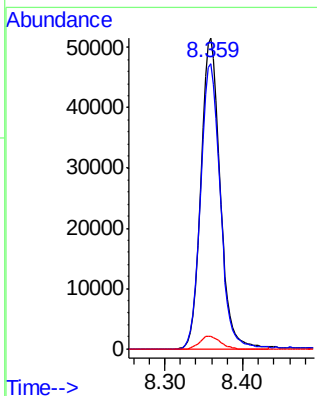
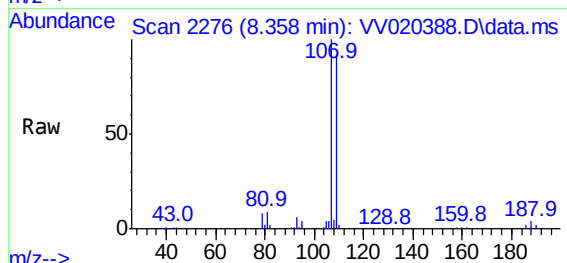




#50
1,2-Dibromoethane
Concen: 5.33 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

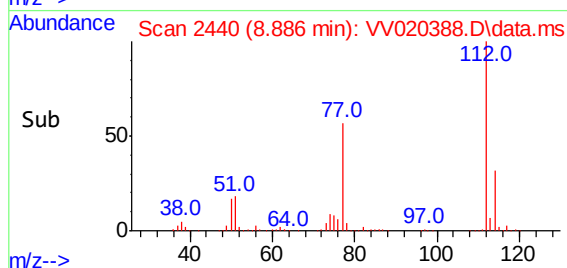
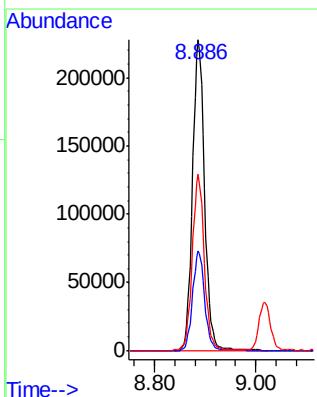
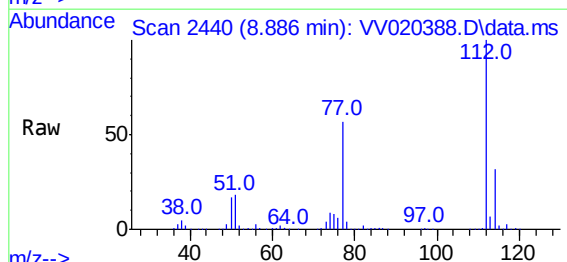
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

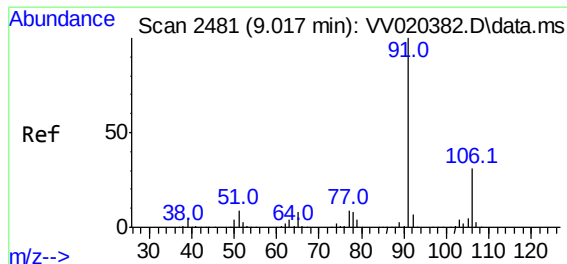
Tgt Ion:107 Resp: 87433
Ion Ratio Lower Upper
107 100
109 91.6 66.6 123.8
188 4.0 3.3 4.9



#51
Chlorobenzene
Concen: 5.04 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion:112 Resp: 375111
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 56.7 45.0 67.4

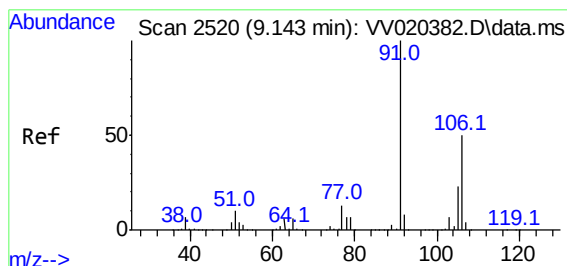
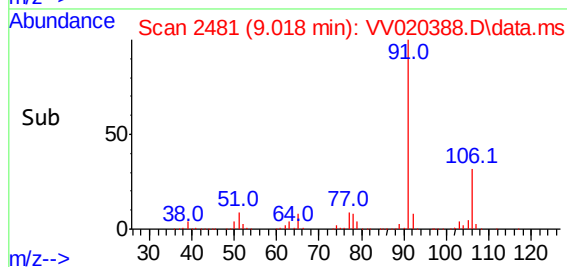
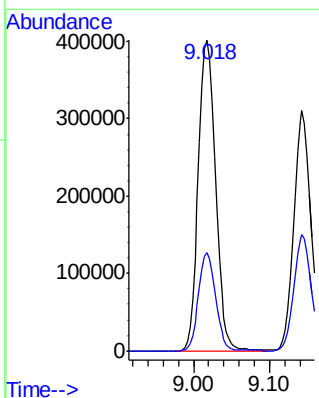
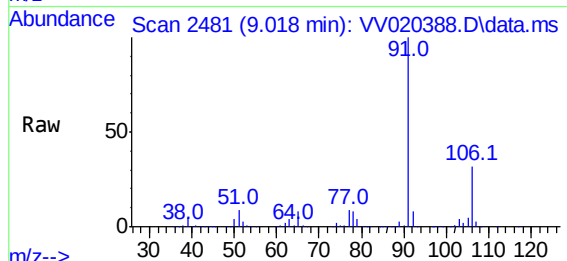




#52
Ethylbenzene
Concen: 5.09 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

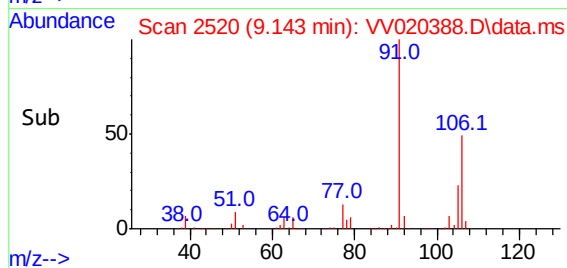
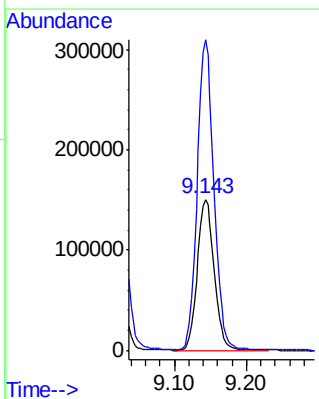
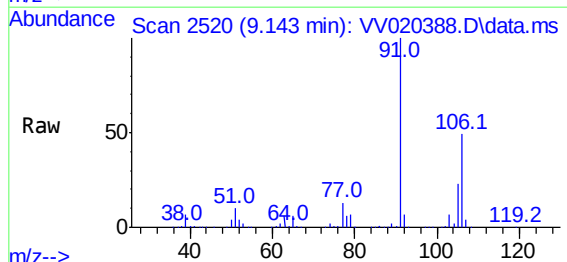
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

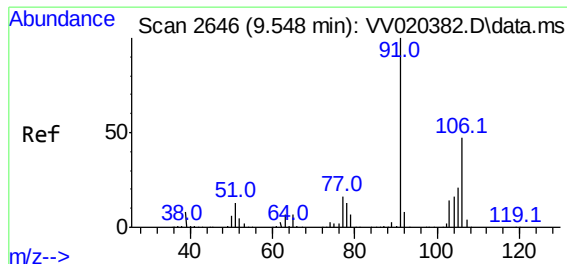
Tgt Ion: 91 Resp: 631292
Ion Ratio Lower Upper
91 100
106 31.5 21.6 40.2



#53
m,p-xylene
Concen: 5.09 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 106 Resp: 243027
Ion Ratio Lower Upper
106 100
91 205.6 141.3 262.3

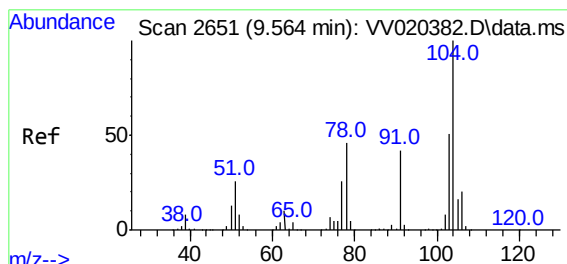
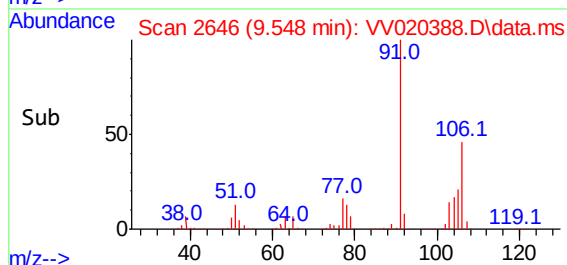
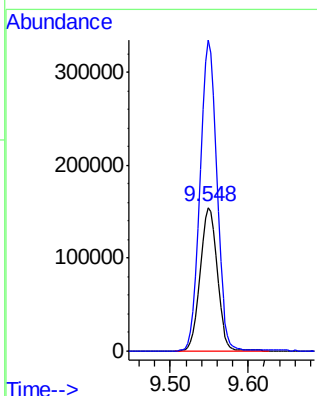
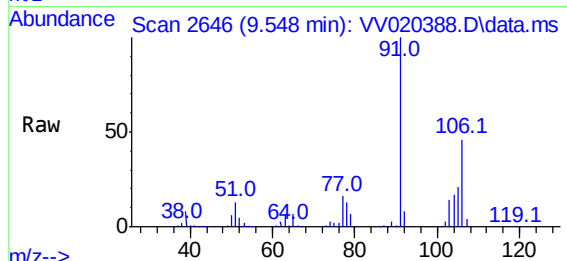




#54
o-xylene
Concen: 5.17 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

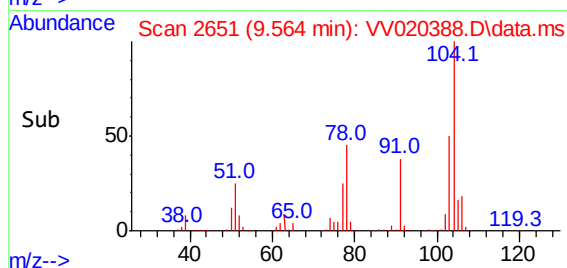
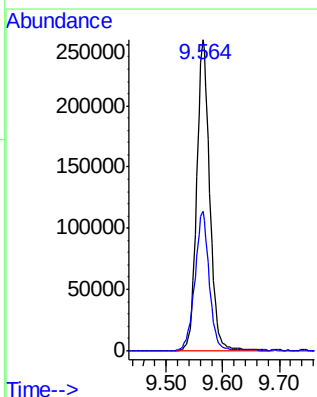
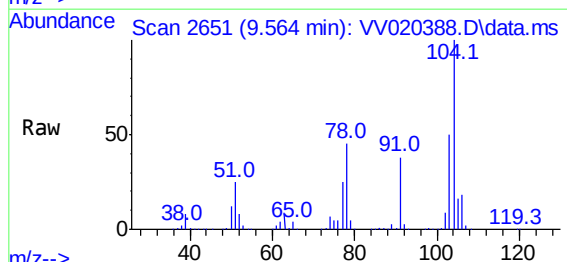
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

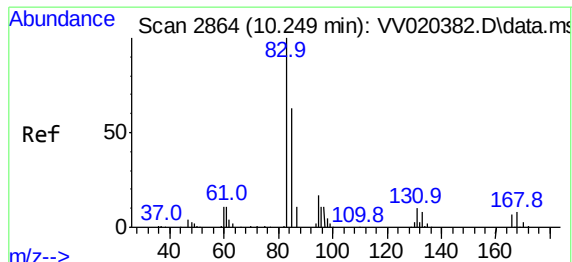
Tgt Ion:106 Resp: 232155
Ion Ratio Lower Upper
106 100
91 217.0 149.5 277.7



#55
Styrene
Concen: 5.33 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion:104 Resp: 400192
Ion Ratio Lower Upper
104 100
78 44.8 31.9 59.2

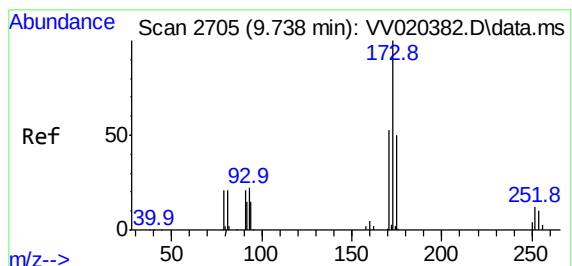
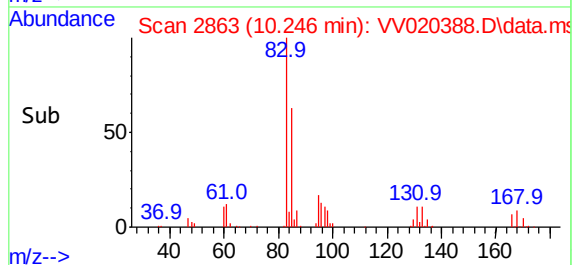
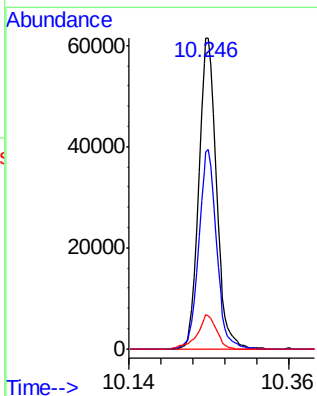
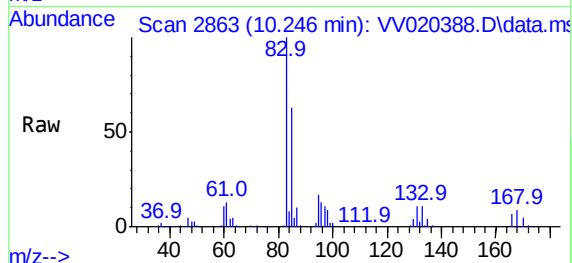




#57
1,1,2,2-Tetrachloroethane
Concen: 5.53 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.003 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

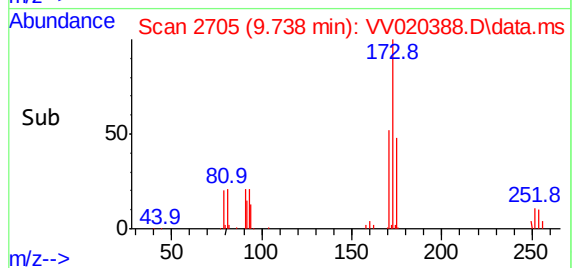
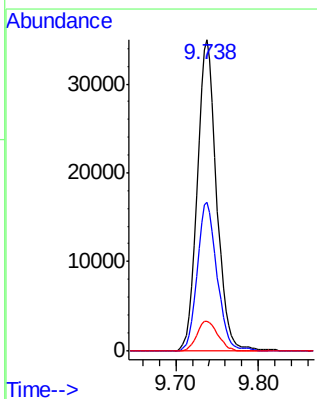
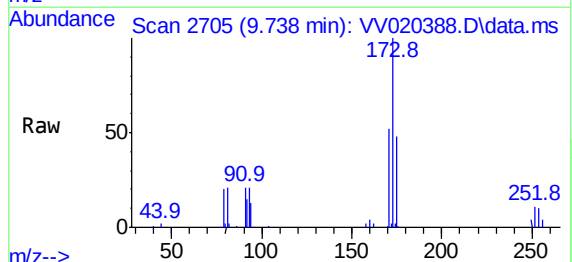
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

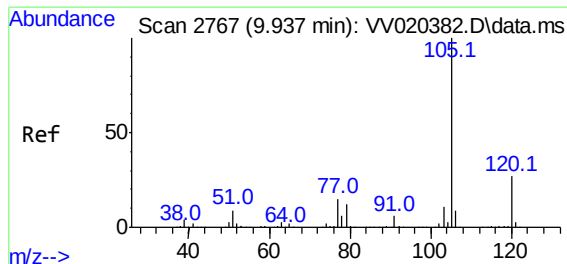
Tgt Ion: 83 Resp: 101480
Ion Ratio Lower Upper
83 100
85 63.5 44.6 82.8
131 10.9 8.4 12.6



#59
Bromoform
Concen: 5.28 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion:173 Resp: 56809
Ion Ratio Lower Upper
173 100
175 48.5 38.9 58.3
254 10.1 8.3 12.5



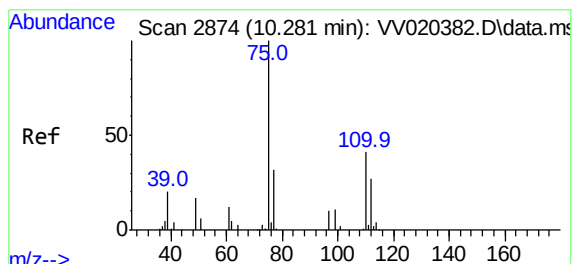
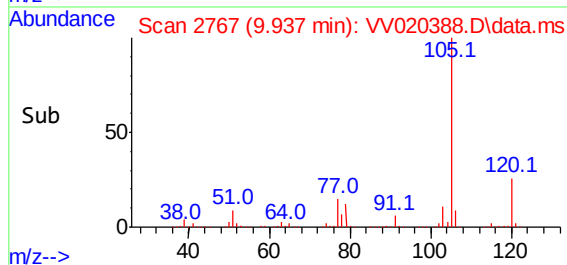
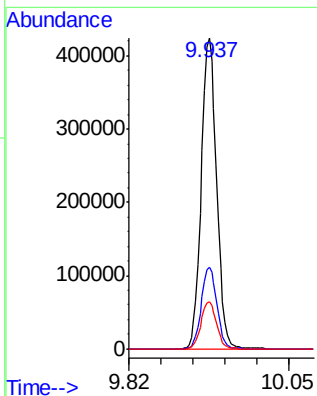
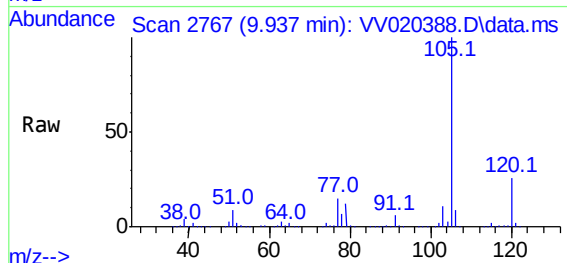


#60
Isopropylbenzene
Concen: 5.05 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

Tgt Ion:105 Resp: 635476

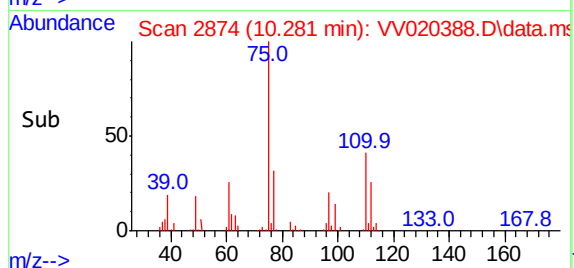
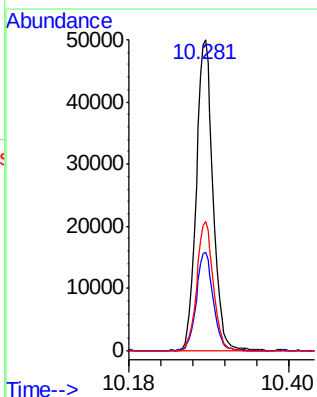
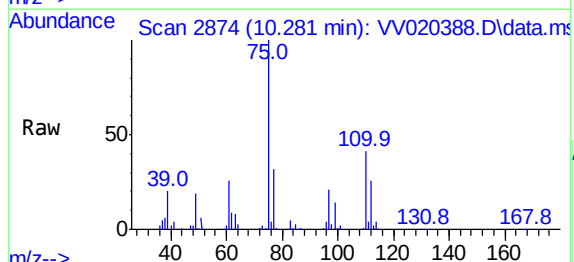
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.7	32.5
77	15.3	12.3	18.5

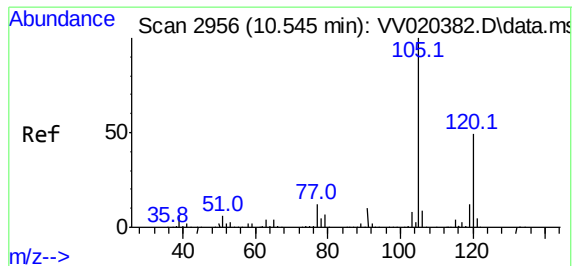


#61
1,2,3-Trichloropropane
Concen: 5.26 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 75 Resp: 79869

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.1	39.1
110	40.8	33.2	49.8

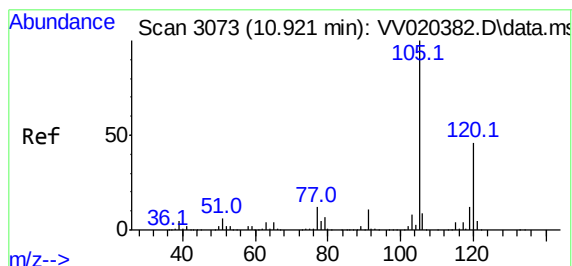
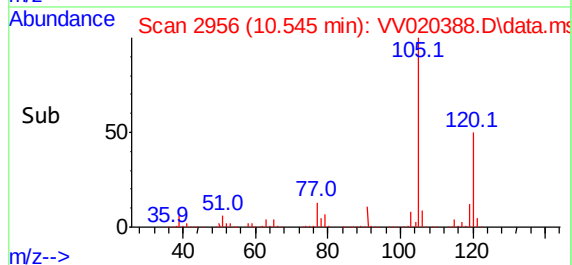
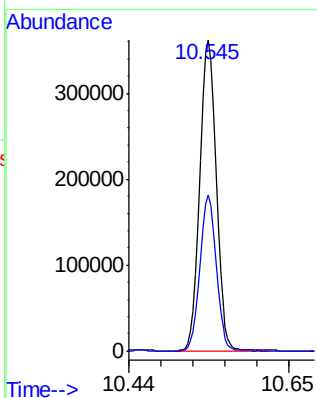
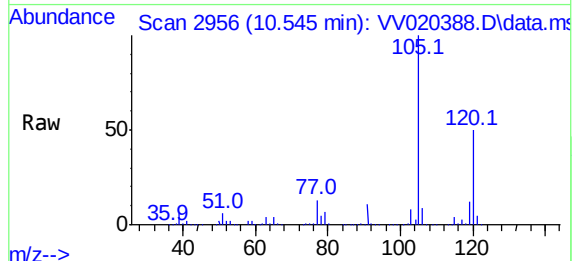




#62
1,3,5-Trimethylbenzene
Concen: 5.11 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

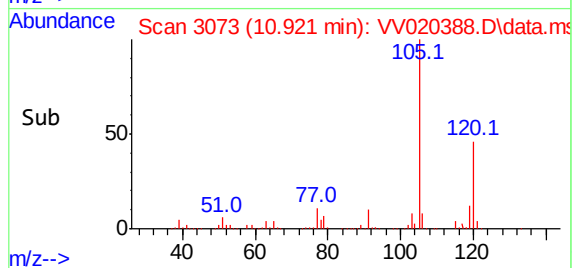
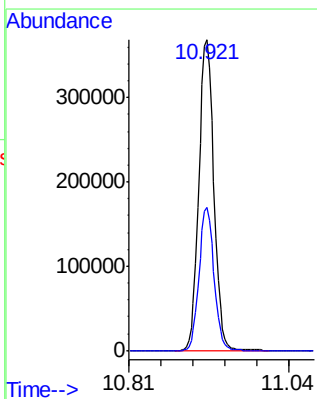
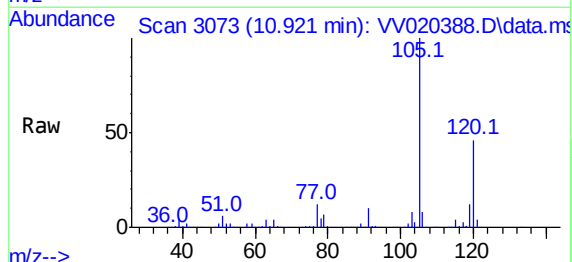
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

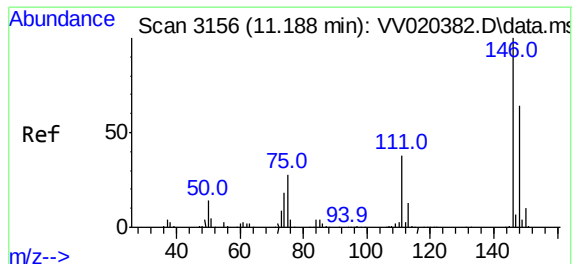
Tgt Ion:105 Resp: 527033
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 5.20 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion:105 Resp: 541187
Ion Ratio Lower Upper
105 100
120 45.6 36.7 55.1

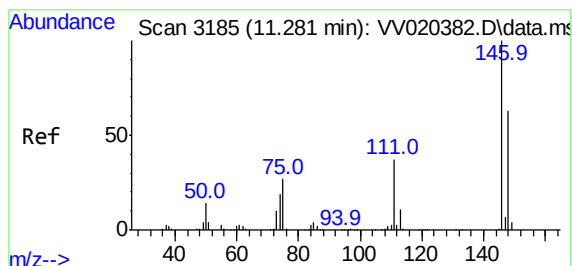
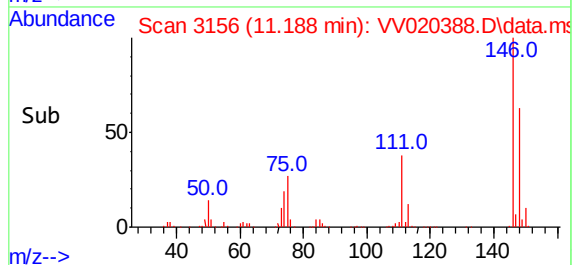
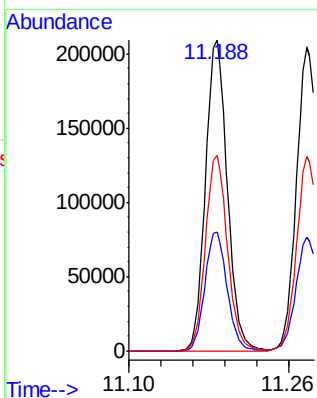
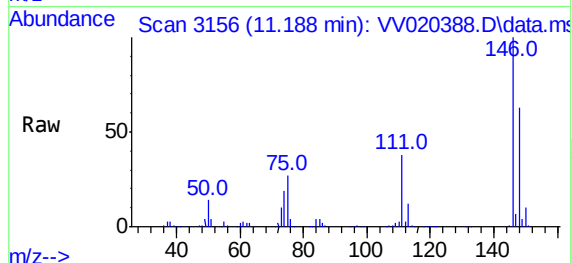




#64
1,3-Dichlorobenzene
Concen: 4.94 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

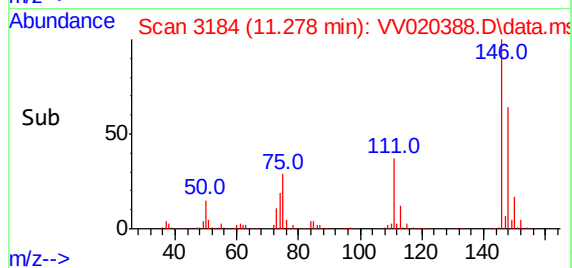
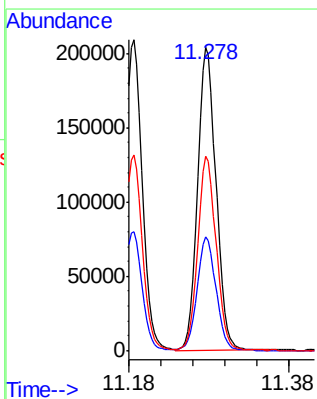
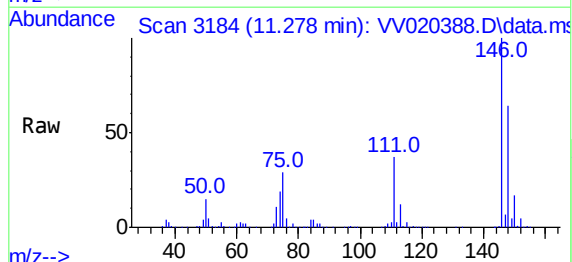
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

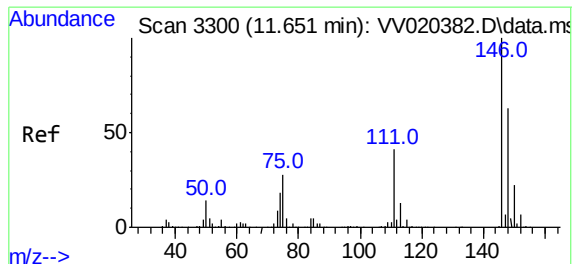
Tgt Ion:146 Resp: 317626
Ion Ratio Lower Upper
146 100
111 38.1 26.8 49.8
148 62.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.89 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.003 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion:146 Resp: 315182
Ion Ratio Lower Upper
146 100
111 37.4 25.8 47.8
148 64.0 43.9 81.5

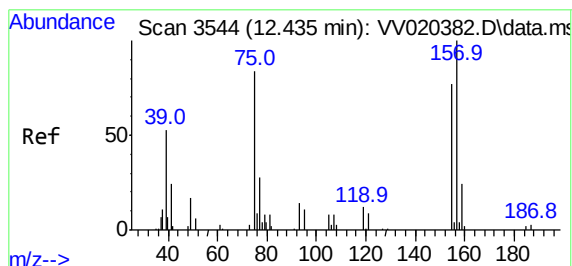
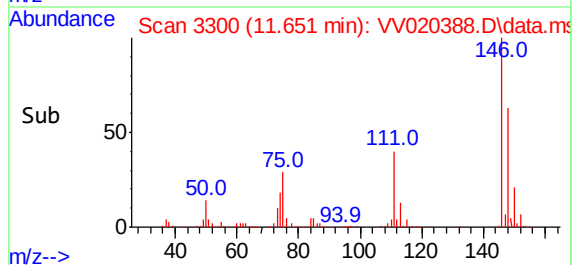
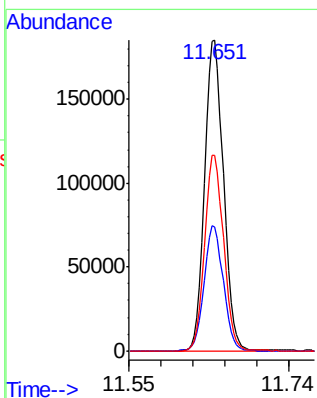
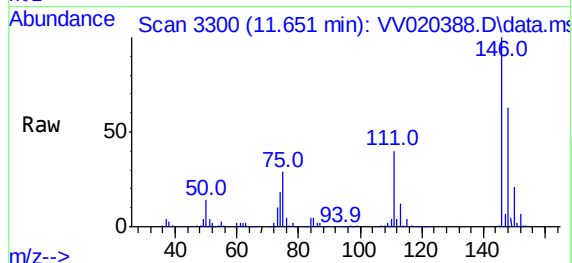




#67
1,2-Dichlorobenzene
Concen: 5.05 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

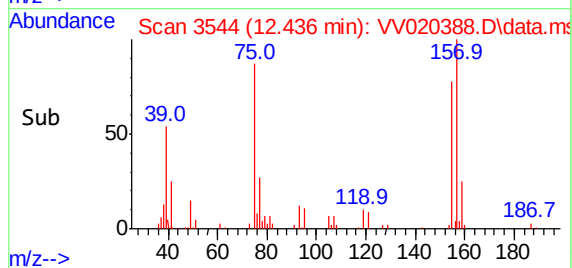
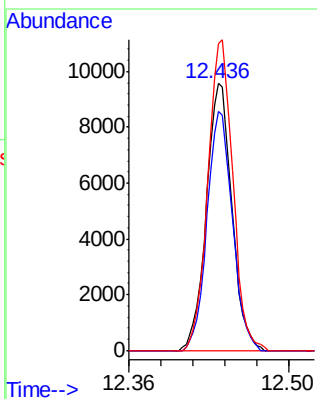
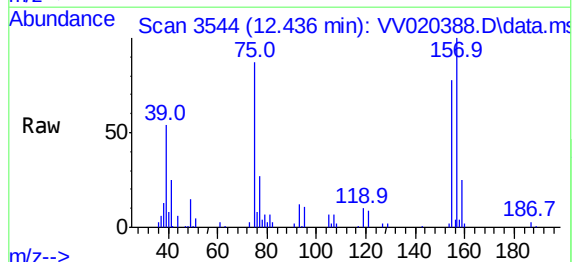
Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

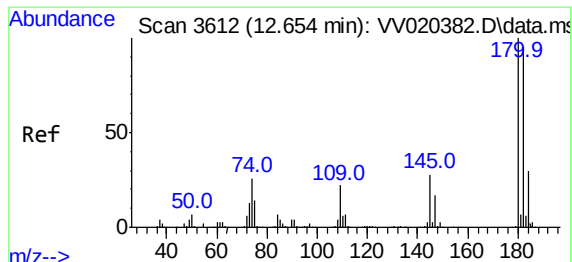
Tgt Ion:146 Resp: 292683
Ion Ratio Lower Upper
146 100
111 40.0 32.6 49.0
148 63.1 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.70 ug/L
RT: 12.436 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion: 75 Resp: 15226
Ion Ratio Lower Upper
75 100
155 89.5 72.8 109.2
157 115.2 94.7 142.1



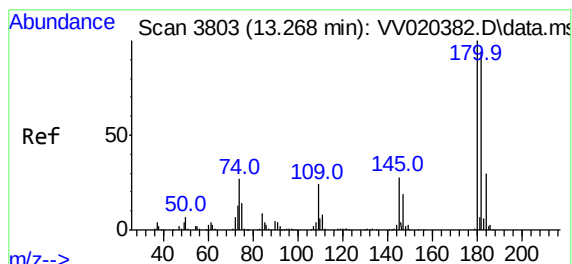
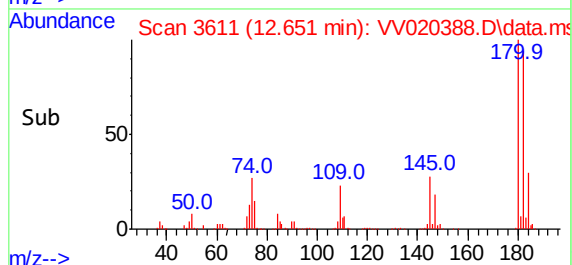
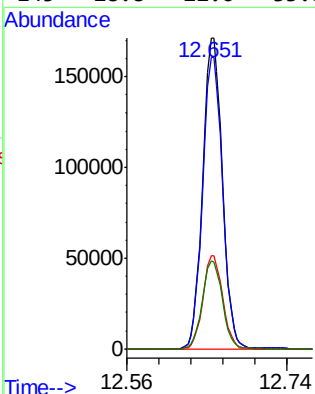
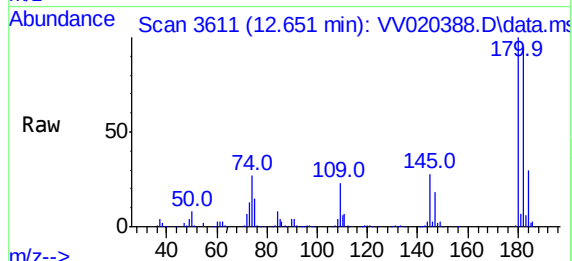


#69
 1,3,5-Trichlorobenzene
 Concen: 4.93 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. -0.003 min
 Lab File: VV020388.D
 Acq: 23 Feb 2021 18:52

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005708

Tgt Ion:180 Resp: 257103

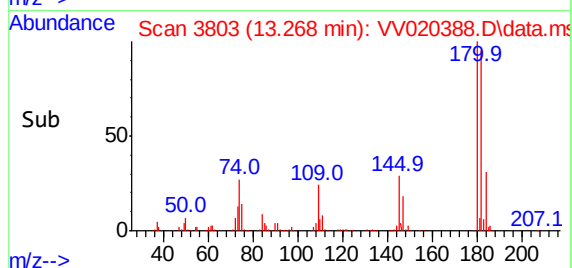
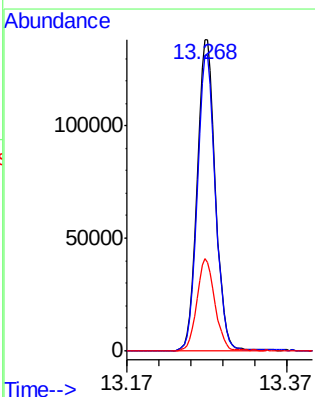
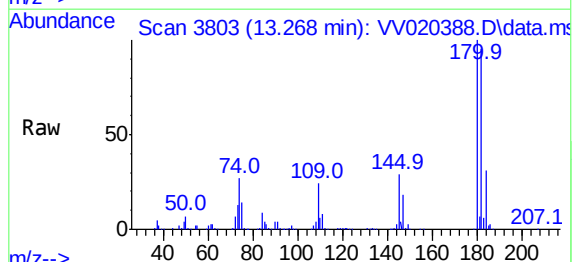
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.6	113.4
184	30.0	24.4	36.6
145	28.8	22.6	33.8

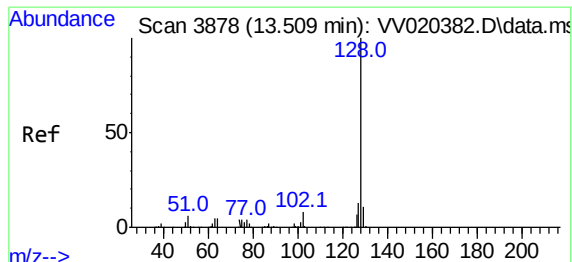


#70
 1,2,4-trichlorobenzene
 Concen: 5.08 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.000 min
 Lab File: VV020388.D
 Acq: 23 Feb 2021 18:52

Tgt Ion:180 Resp: 213311

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.7	113.5
145	29.0	23.0	34.4

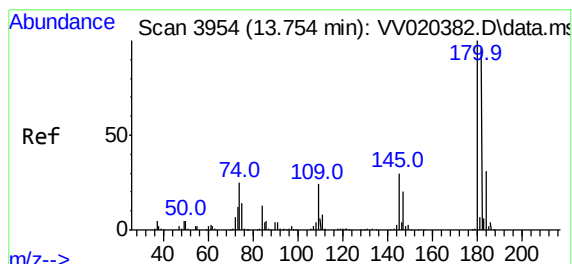
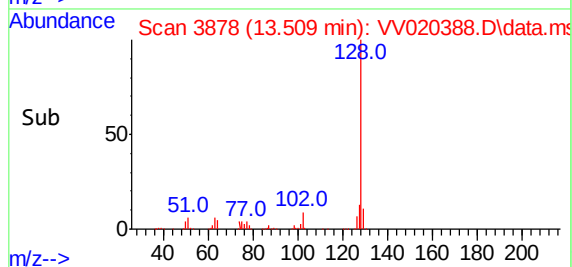
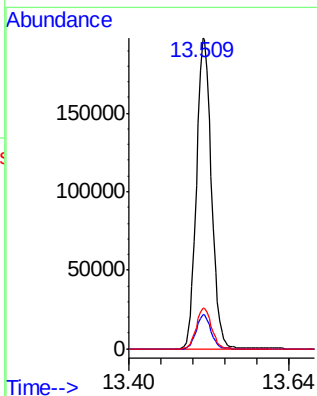
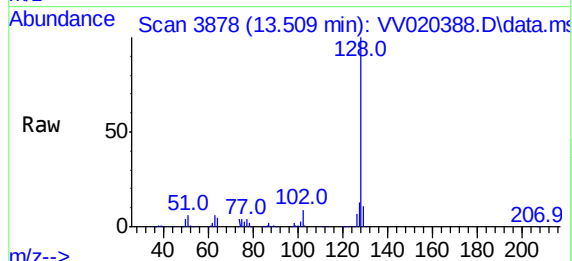




#71
Naphthalene
Concen: 5.47 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005708

Tgt Ion:128 Resp: 309825
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.20 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. -0.003 min
Lab File: VV020388.D
Acq: 23 Feb 2021 18:52

Tgt Ion:180 Resp: 188431
Ion Ratio Lower Upper
180 100
182 96.6 75.9 113.9
145 31.6 24.6 37.0

