

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031621\
 Data File : VW020644.D
 Acq On : 16 Mar 2021 20:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Mar 17 01:55:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 17 01:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	441072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	442831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	229121	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	155324	43.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.32%		
7) Chloroethane-d5	1.571	69	121815	42.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.60%		
11) 1,1-Dichloroethene-d2	2.111	63	297063	43.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.84%		
21) 2-Butanone-d5	3.889	46	262054	114.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.76%		
24) Chloroform-d	4.352	84	295937	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.70%		
26) 1,2-Dichloroethane-d4	5.034	65	198355	48.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.22%		
32) Benzene-d6	5.053	84	571077	46.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.34%		
36) 1,2-Dichloropropane-d6	6.072	67	189263	48.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.70%		
41) Toluene-d8	7.317	98	518643	47.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.40%		
43) trans-1,3-Dichloroprop...	7.622	79	88756	48.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.02%		
47) 2-Hexanone-d5	8.091	63	170602	116.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.49%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	260209	53.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.38%		
64) 1,2-Dichlorobenzene-d4	11.628	152	206484	46.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.02%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	166586	45.75	ug/L	98
3) Chloromethane	1.243	50	214351	50.88	ug/L	100
5) Vinyl chloride	1.314	62	208389	49.34	ug/L	99
6) Bromomethane	1.526	94	118045	47.44	ug/L	98
8) Chloroethane	1.587	64	120262	46.93	ug/L	97
9) Trichlorofluoromethane	1.754	101	273863	48.66	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	139560	45.48	ug/L	98
12) 1,1-Dichloroethene	2.121	96	138689	46.58	ug/L	87
13) Acetone	2.182	43	183591	98.43	ug/L	99
14) Carbon disulfide	2.298	76	431642	47.81	ug/L	100
15) Methyl Acetate	2.436	43	206481	57.80	ug/L	95
16) Methylene chloride	2.510	84	174489	50.58	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	152549	47.96	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	488132	50.46	ug/L	99
19) 1,1-Dichloroethane	3.195	63	306508	50.50	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	169757	51.70	ug/L #	98
22) 2-Butanone	3.973	43	291848	113.13	ug/L	93
23) Bromochloromethane	4.252	128	84309	51.46	ug/L	95
25) Chloroform	4.378	83	321693	50.75	ug/L	99
27) 1,2-Dichloroethane	5.133	62	248401	49.61	ug/L	99

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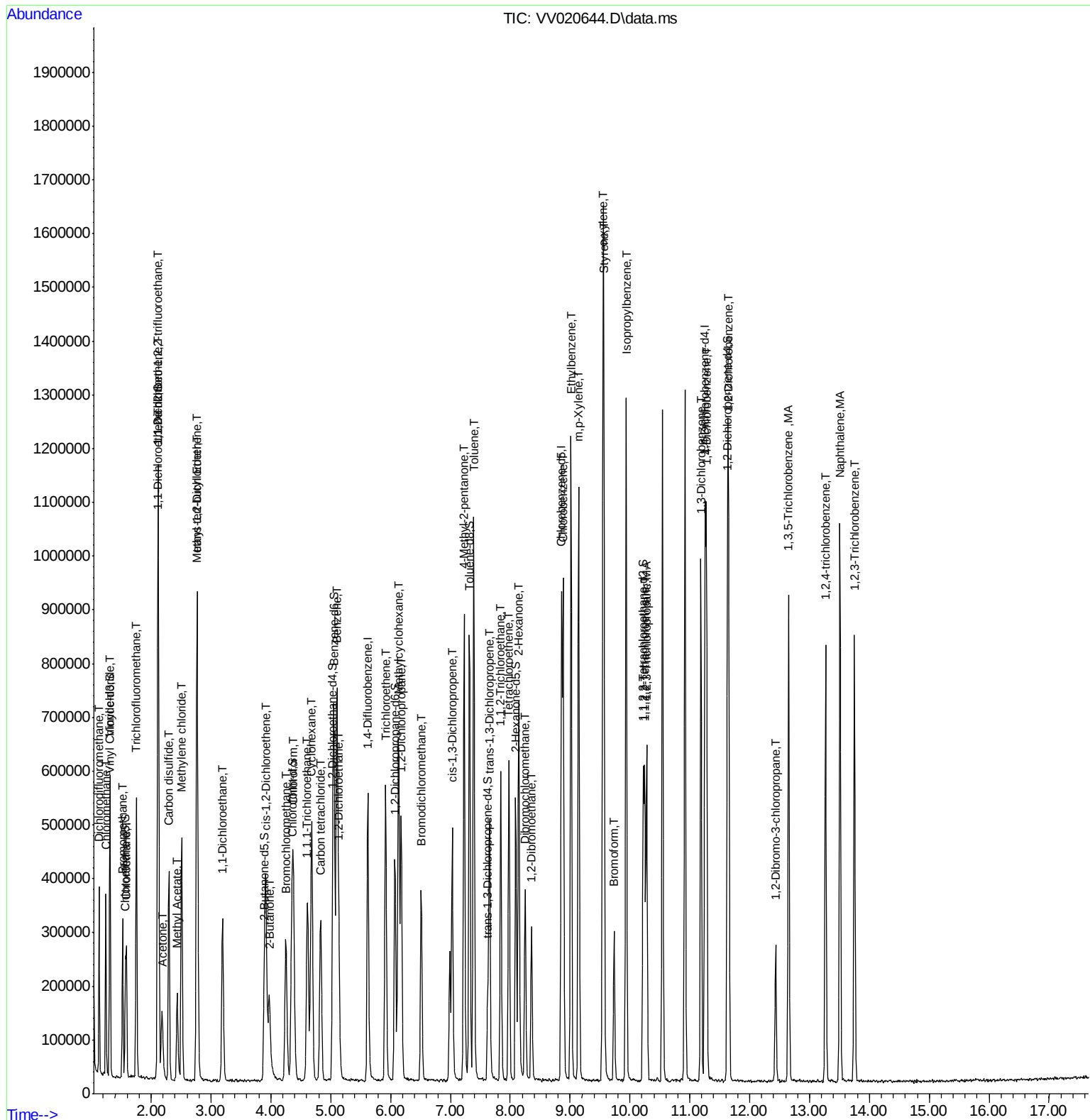
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.683	56	260547	48.04	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	265626	49.63	ug/L	99
31) Carbon tetrachloride	4.831	117	218013	50.14	ug/L	97
33) Benzene	5.104	78	683532	51.16	ug/L	100
34) Trichloroethene	5.918	95	183002	48.54	ug/L	98
35) Methylcyclohexane	6.133	83	243858	47.06	ug/L	98
37) 1,2-Dichloropropane	6.178	63	178613	51.20	ug/L	100
38) Bromodichloromethane	6.513	83	224602	48.89	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	257725	49.80	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	586619	111.80	ug/L	96
42) Toluene	7.391	91	714759	51.24	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	252657	49.67	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	168861	51.94	ug/L	98
46) Tetrachloroethene	7.979	164	120419	49.78	ug/L	98
48) 2-Hexanone	8.143	43	456809	111.46	ug/L	98
49) Dibromochloromethane	8.249	129	168314	49.73	ug/L	97
50) 1,2-Dibromoethane	8.355	107	178802	51.36	ug/L	98
51) Chlorobenzene	8.886	112	455877	50.53	ug/L	99
52) Ethylbenzene	9.018	91	791116	50.10	ug/L	98
53) m,p-Xylene	9.143	106	294860	51.13	ug/L	96
54) o-xylene	9.548	106	285632	51.17	ug/L	97
55) Styrene	9.564	104	514892	52.82	ug/L	94
56) Isopropylbenzene	9.937	105	772197	51.12	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	259143	53.67	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	232228	52.53	ug/L	100
61) Bromoform	9.735	173	112249	49.43	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	354582	48.73	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	358147	47.16	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	357205	49.32	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	57633	52.70	ug/L	96
67) 1,3,5-Trichlorobenzene	12.651	180	247722	47.81	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	215578	47.92	ug/L	97
69) Naphthalene	13.509	128	734048	50.18	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	221703	49.72	ug/L	98

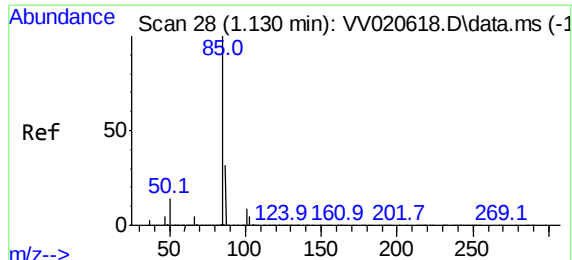
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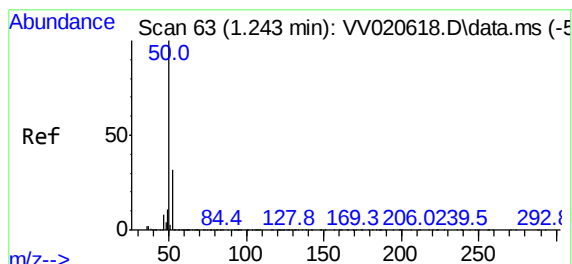
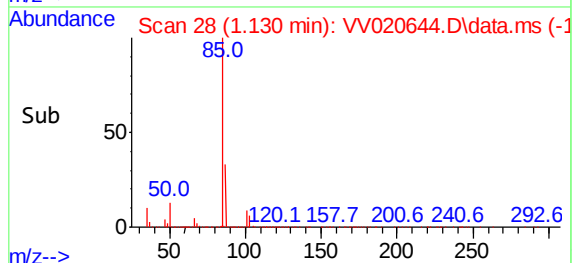
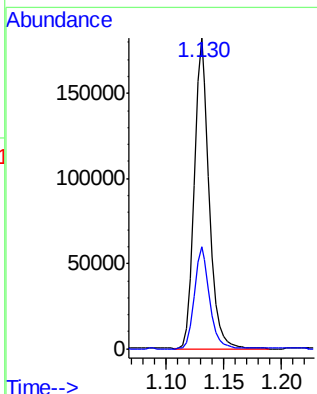
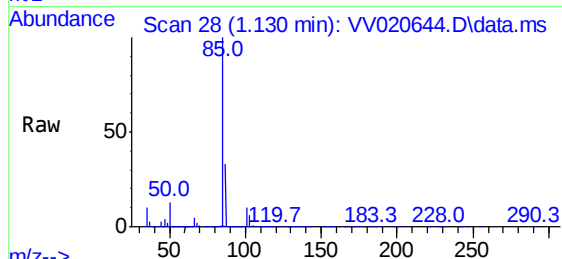


#2

Dichlorodifluoromethane
Concen: 45.75 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

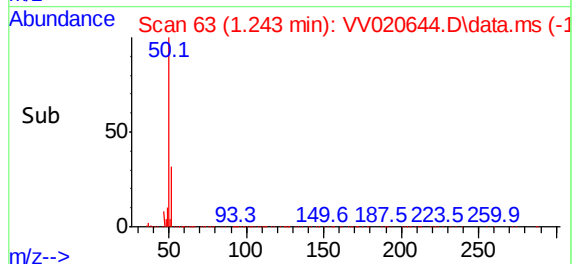
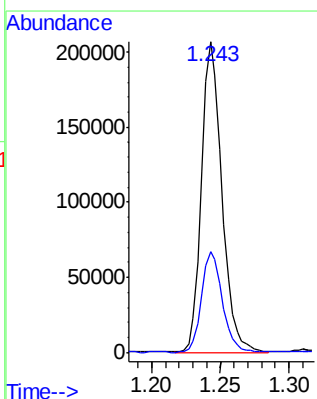
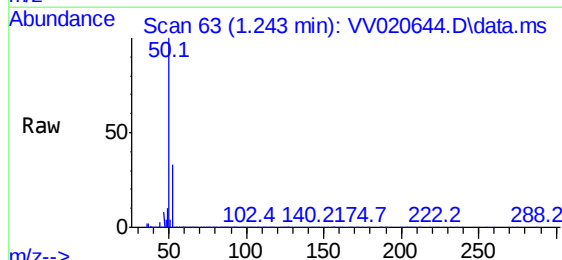
Tgt Ion: 85 Resp: 166586
Ion Ratio Lower Upper
85 100
87 33.4 25.9 38.9

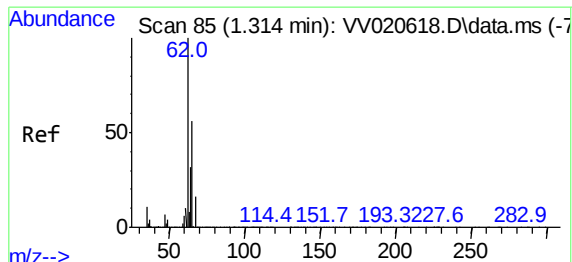


#3

Chloromethane
Concen: 50.88 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 50 Resp: 214351
Ion Ratio Lower Upper
50 100
52 32.6 22.7 42.1

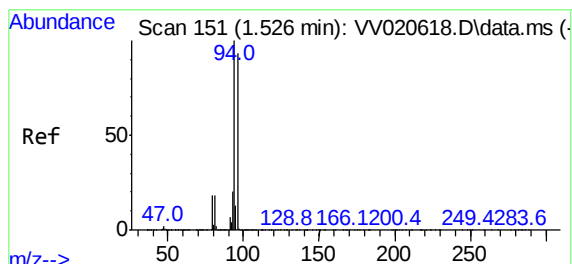
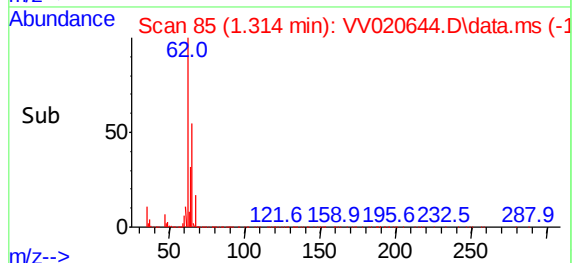
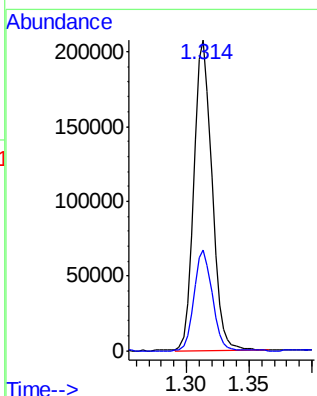
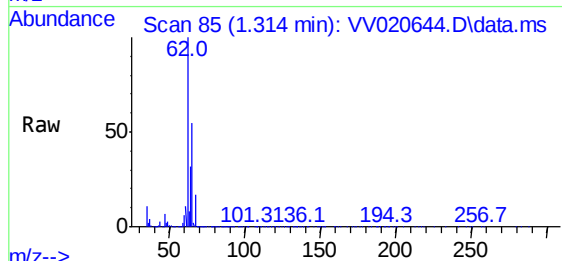




#5
 Vinyl chloride
 Concen: 49.34 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020644.D
 Acq: 16 Mar 2021 20:33

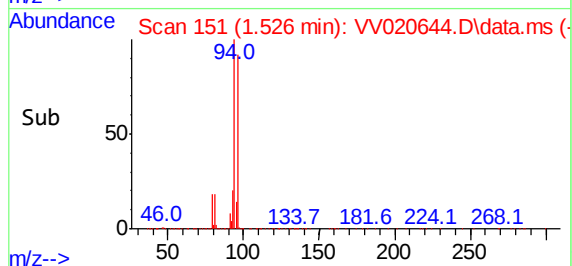
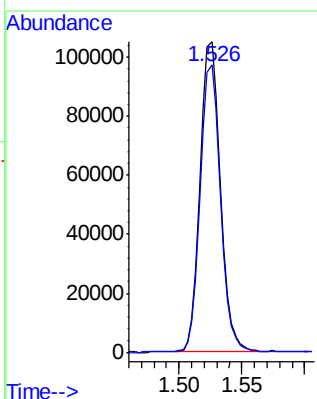
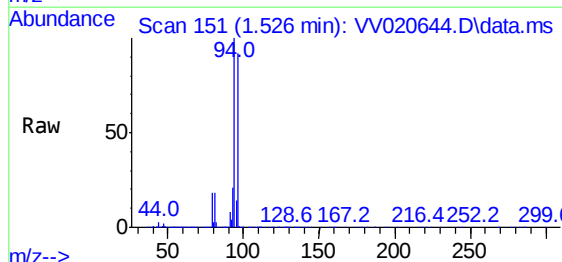
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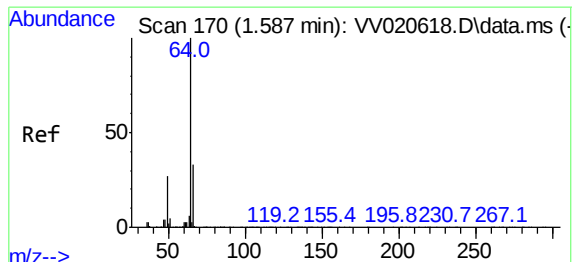
Tgt Ion: 62 Resp: 208389
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.0 42.6



#6
 Bromomethane
 Concen: 47.44 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV020644.D
 Acq: 16 Mar 2021 20:33

Tgt Ion: 94 Resp: 118045
 Ion Ratio Lower Upper
 94 100
 96 92.4 63.6 118.2

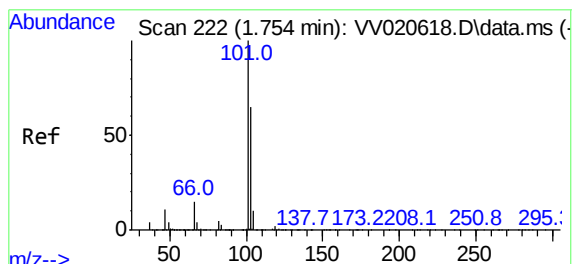
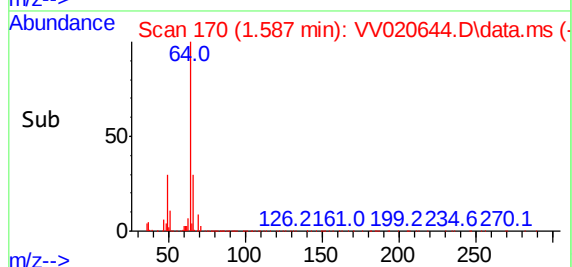
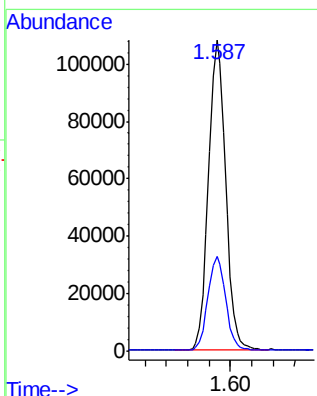
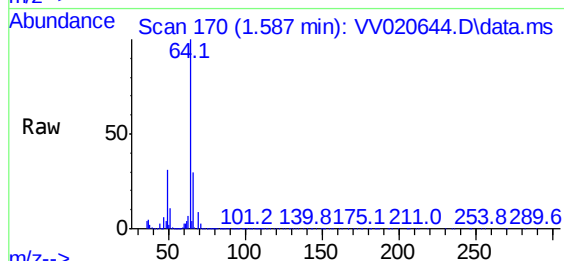




#8
Chloroethane
Concen: 46.93 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

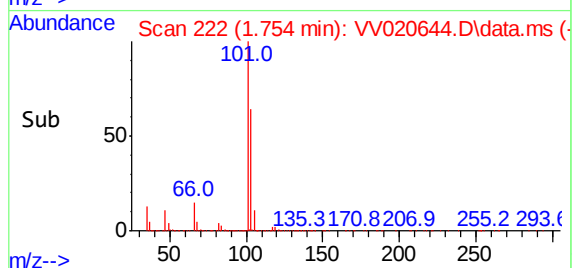
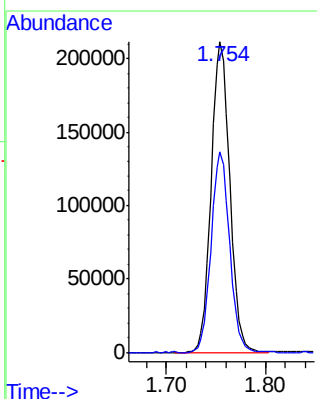
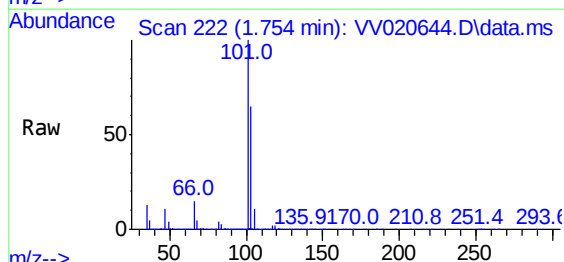
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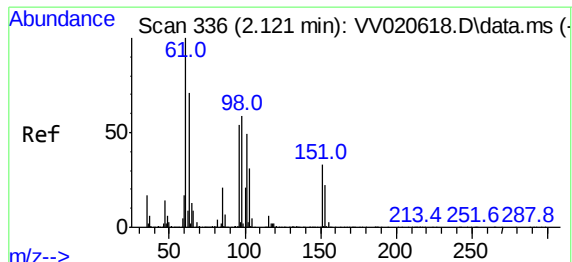
Tgt Ion: 64 Resp: 120262
Ion Ratio Lower Upper
64 100
66 30.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 48.66 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 101 Resp: 273863
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5



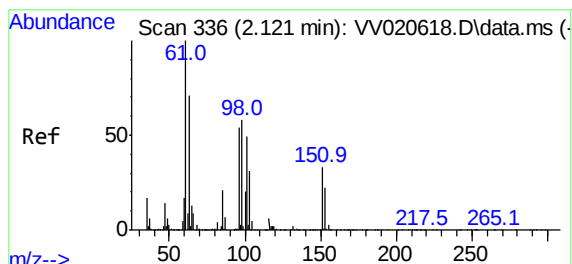
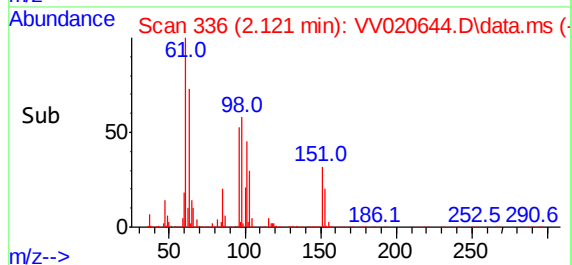
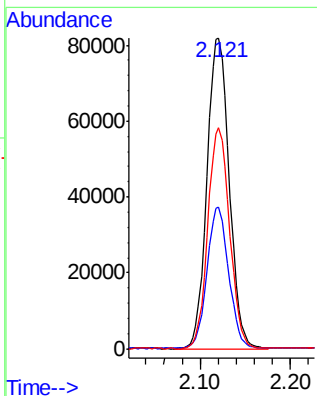
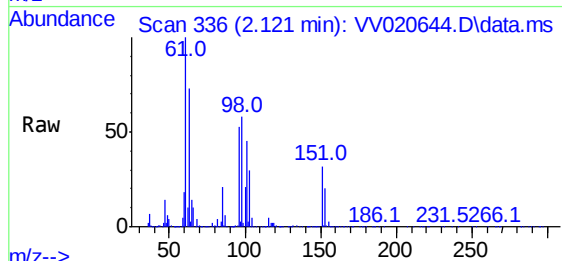


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.48 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020644.D
 Acq: 16 Mar 2021 20:33

Instrument :
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Tgt Ion:101 Resp: 139560

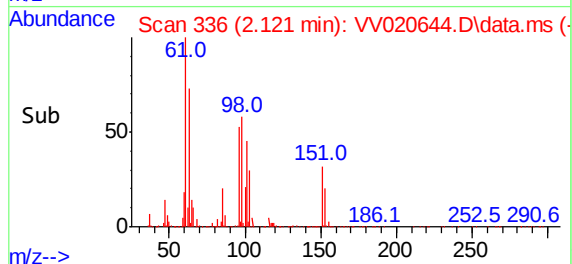
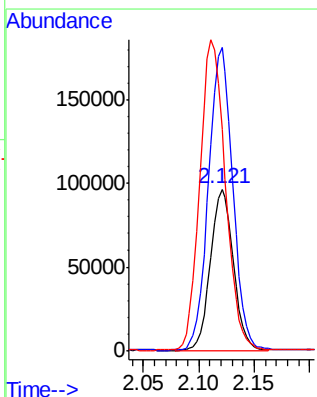
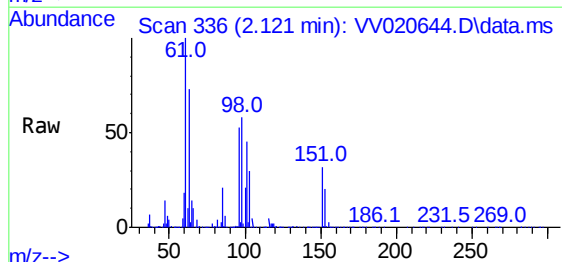
Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.3	52.9
151	69.7	53.6	80.4

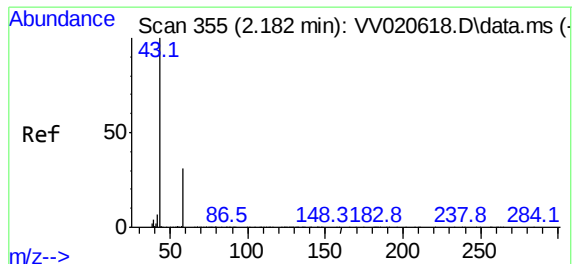


#12
 1,1-Dichloroethene
 Concen: 46.58 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020644.D
 Acq: 16 Mar 2021 20:33

Tgt Ion: 96 Resp: 138689

Ion	Ratio	Lower	Upper
96	100		
61	187.6	134.9	250.5
63	136.7	117.6	218.4

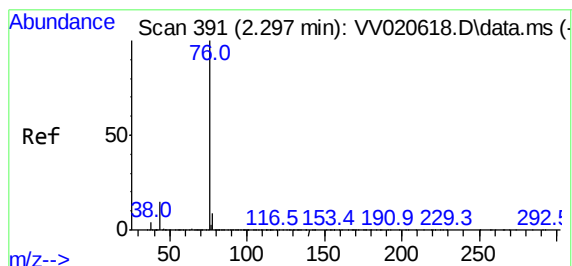
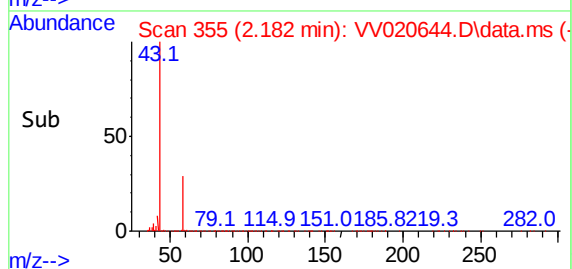
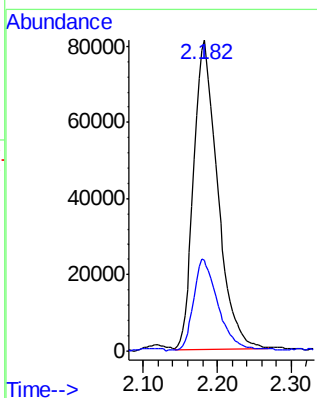
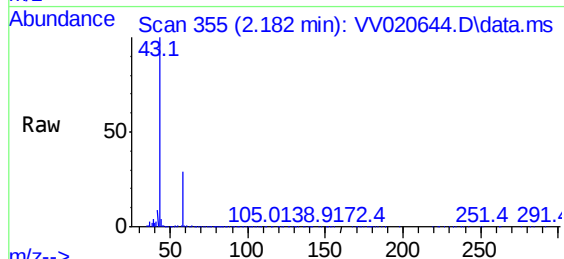




#13
Acetone
Concen: 98.43 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

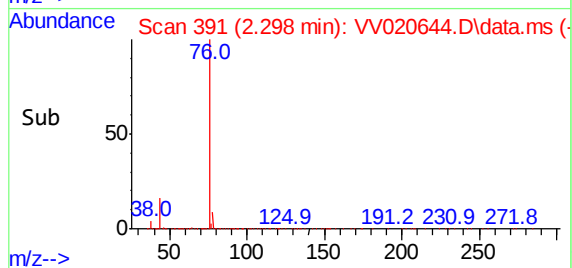
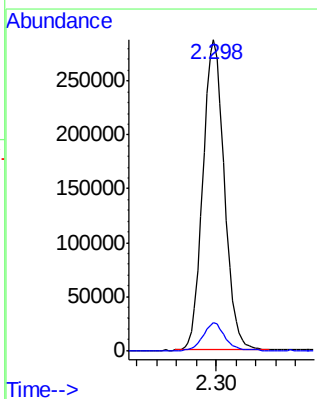
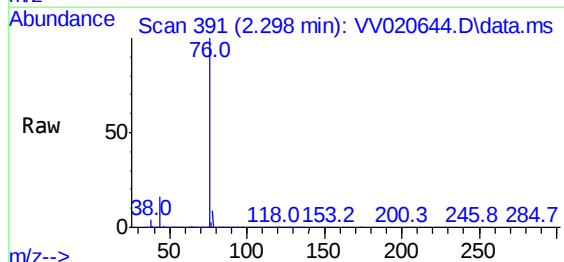
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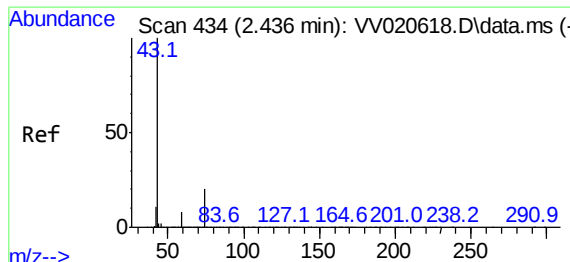
Tgt Ion: 43 Resp: 183591
Ion Ratio Lower Upper
43 100
58 29.4 0.0 60.2



#14
Carbon disulfide
Concen: 47.81 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 76 Resp: 431642
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

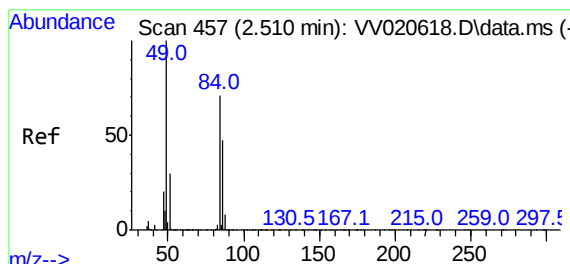
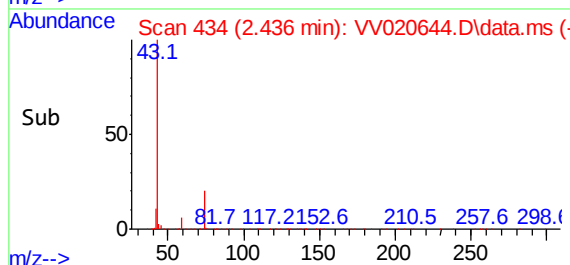
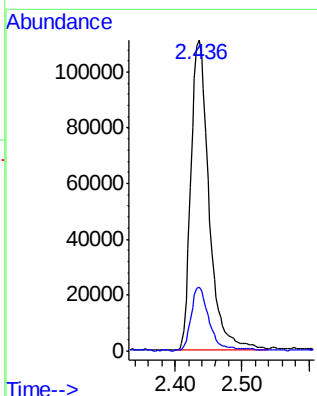
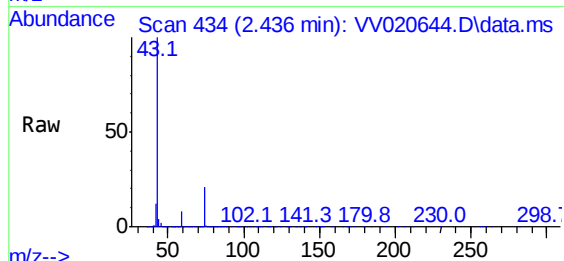




#15
Methyl Acetate
Concen: 57.80 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

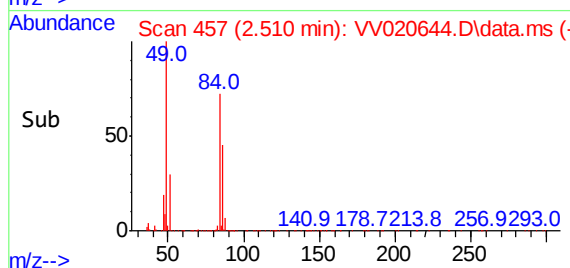
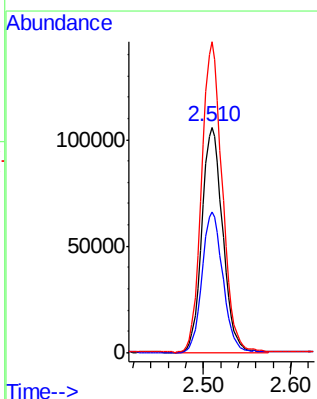
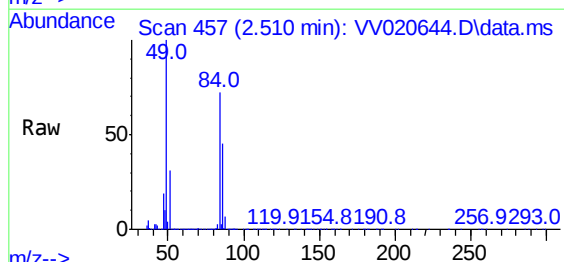
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

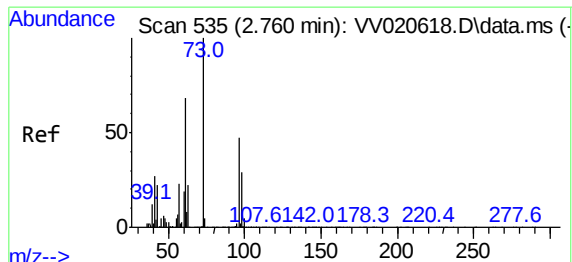
Tgt Ion: 43 Resp: 206481
Ion Ratio Lower Upper
43 100
74 19.6 17.6 26.4



#16
Methylene chloride
Concen: 50.58 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 84 Resp: 174489
Ion Ratio Lower Upper
84 100
86 62.6 44.6 82.8
49 138.0 94.6 175.8

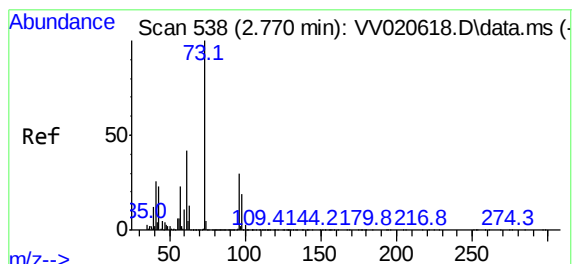
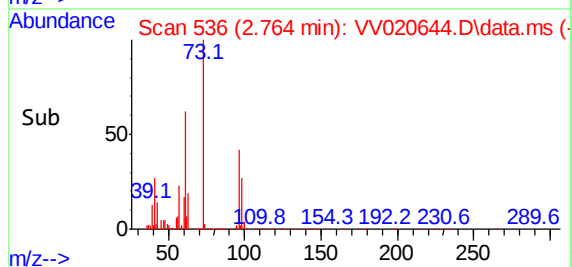
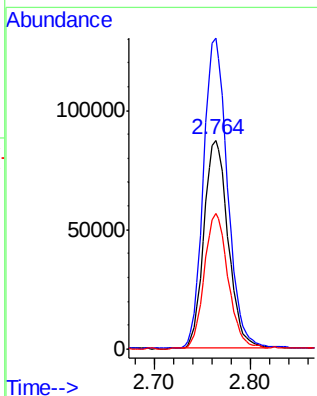
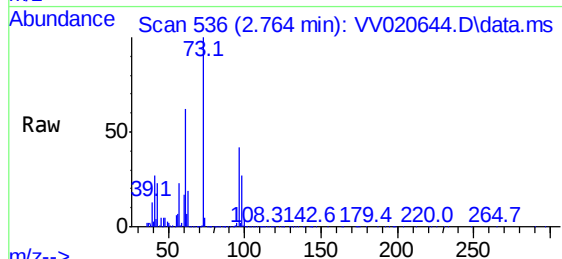




#17
trans-1,2-Dichloroethene
Concen: 47.96 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

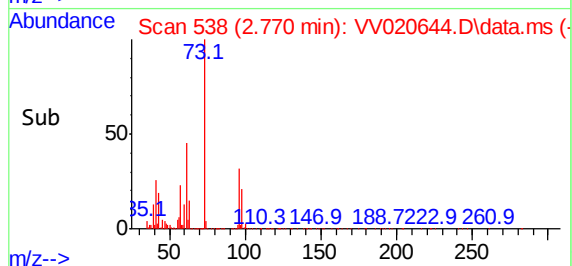
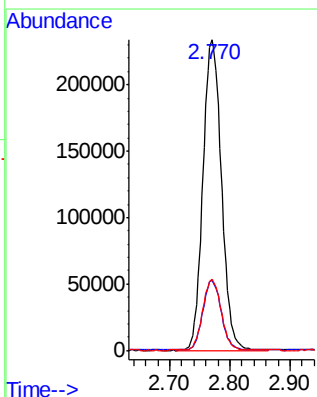
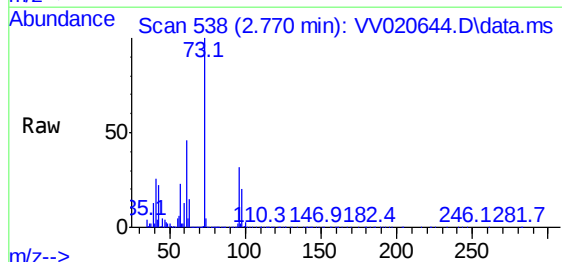
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

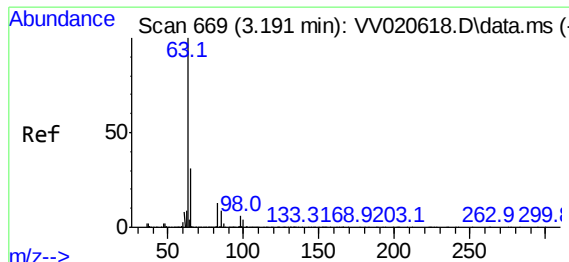
Tgt Ion: 96 Resp: 152549
Ion Ratio Lower Upper
96 100
61 148.8 103.1 191.5
98 64.8 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 50.46 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 73 Resp: 488132
Ion Ratio Lower Upper
73 100
43 22.2 17.3 25.9
57 22.9 17.9 26.9

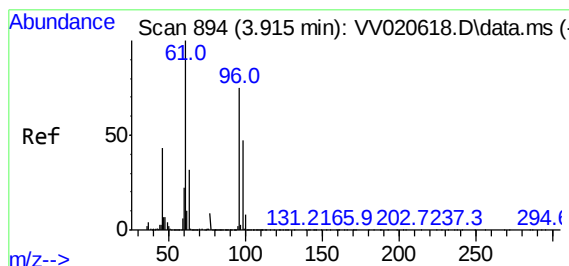
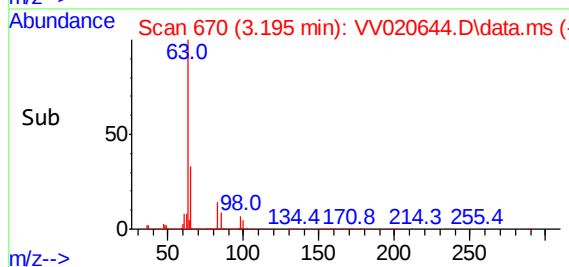
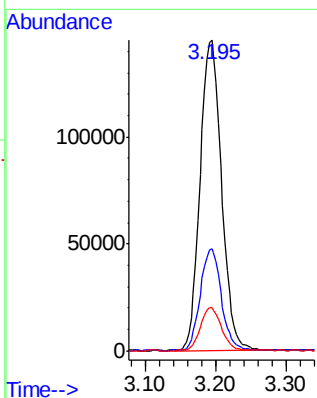
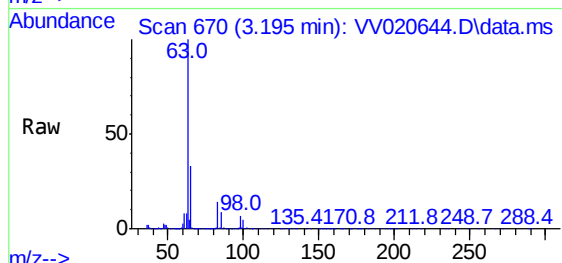




#19
1,1-Dichloroethane
Concen: 50.50 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

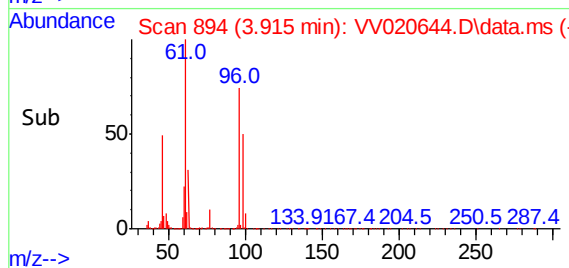
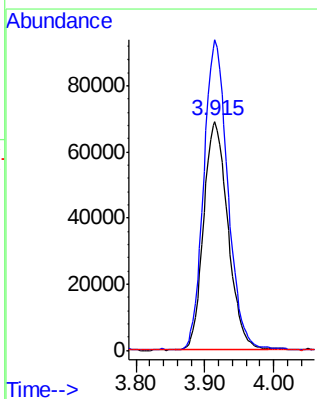
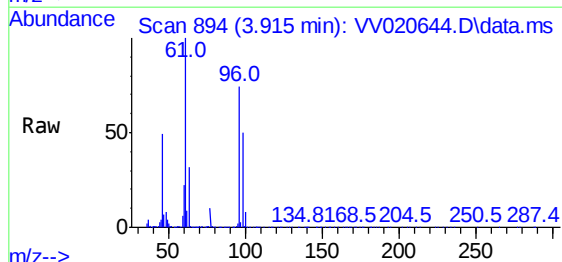
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

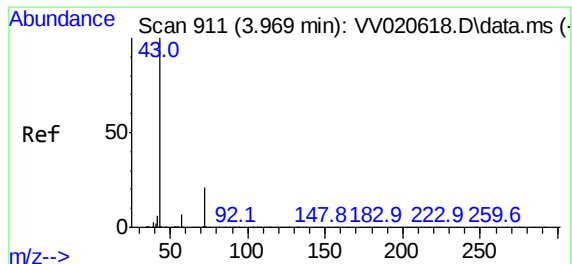
Tgt Ion: 63 Resp: 306508
Ion Ratio Lower Upper
63 100
65 33.0 21.9 40.7
83 14.0 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 51.70 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 96 Resp: 169757
Ion Ratio Lower Upper
96 100
61 135.8 96.9 179.9
68 0.5 0.0 0.0#

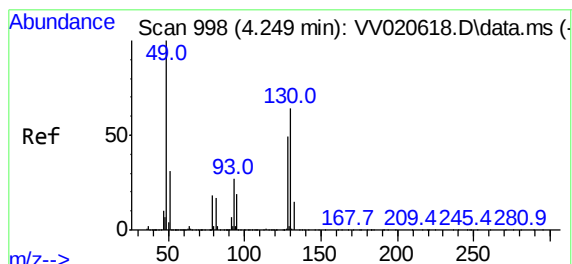
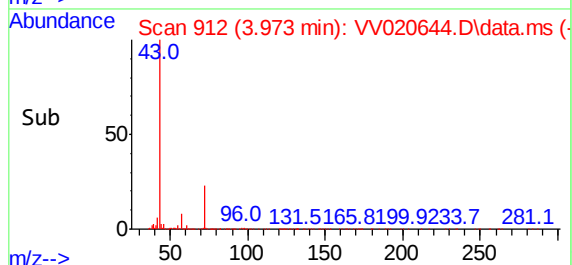
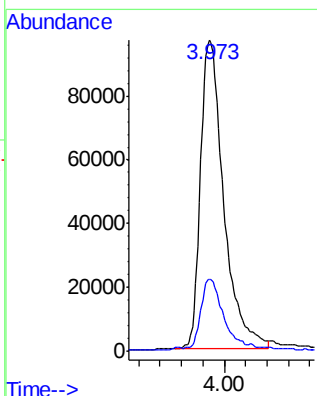
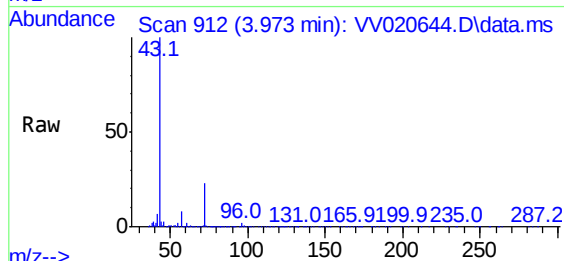




#22
2-Butanone
Concen: 113.13 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

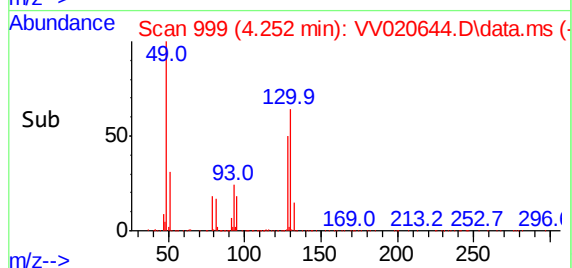
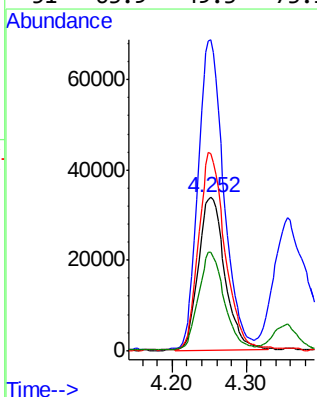
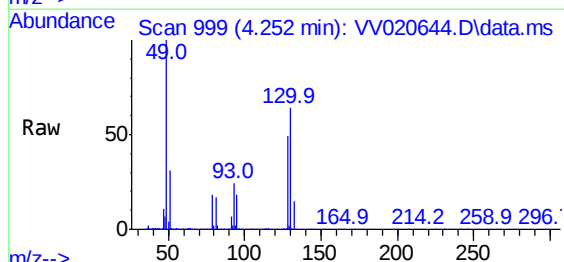
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

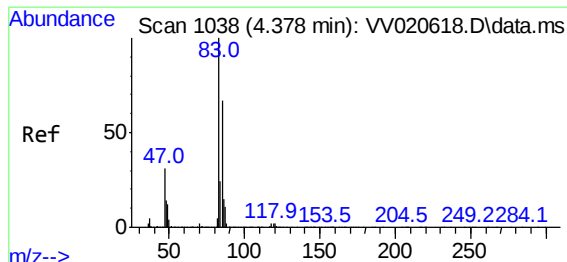
Tgt Ion: 43 Resp: 291848
Ion Ratio Lower Upper
43 100
72 20.8 12.2 36.6



#23
Bromochloromethane
Concen: 51.46 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 128 Resp: 84309
Ion Ratio Lower Upper
128 100
49 203.1 133.1 247.1
130 129.1 89.0 165.4
51 63.9 49.3 73.9

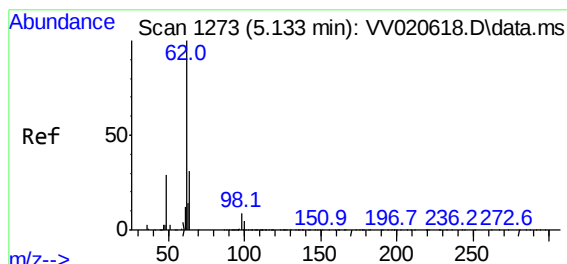
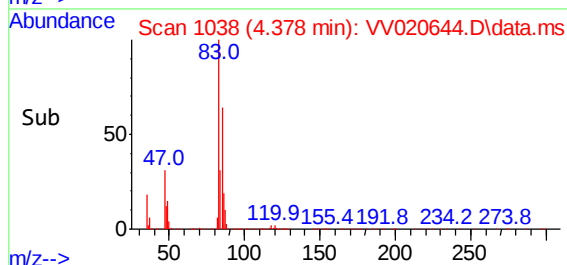
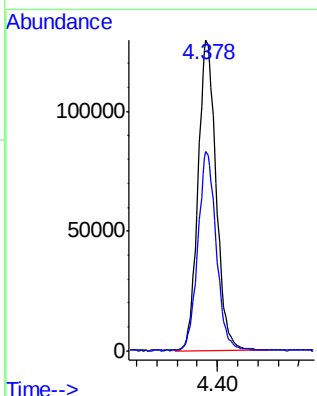
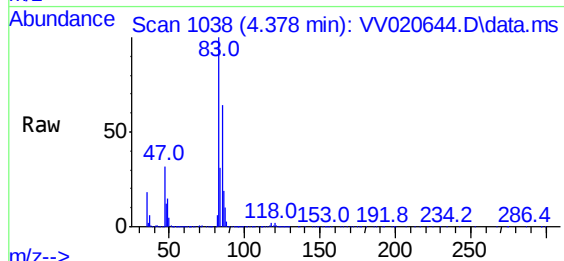




#25
Chloroform
Concen: 50.75 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

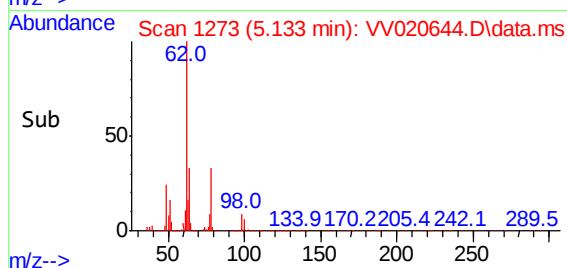
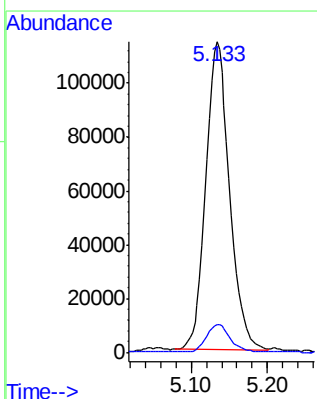
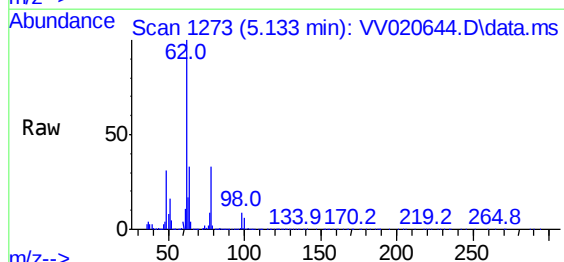
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

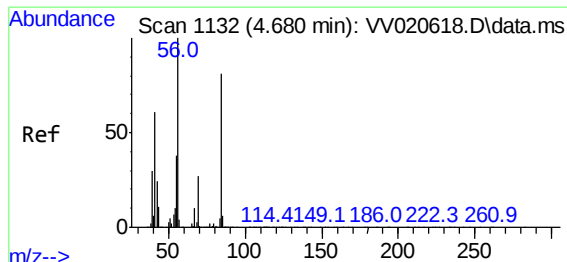
Tgt Ion: 83 Resp: 321693
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 49.61 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 62 Resp: 248401
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3





#29

Cyclohexane

Concen: 48.04 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV020644.D

Acq: 16 Mar 2021 20:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

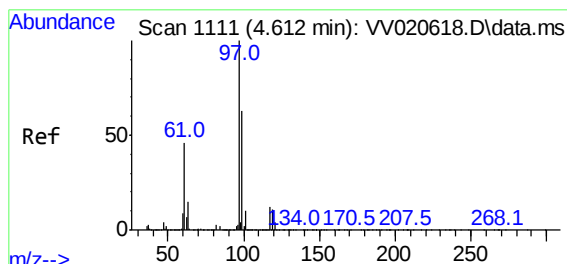
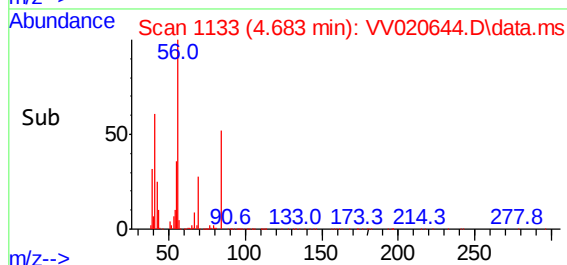
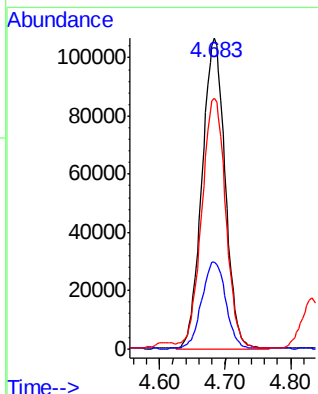
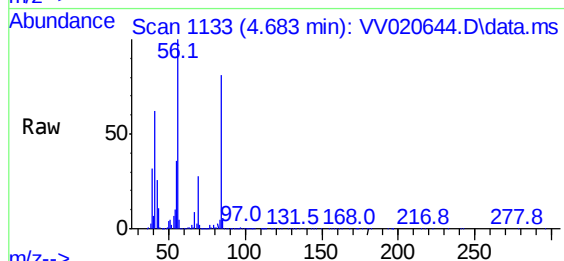
Tgt Ion: 56 Resp: 260547

Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.2

84 83.3 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 49.63 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV020644.D

Acq: 16 Mar 2021 20:33

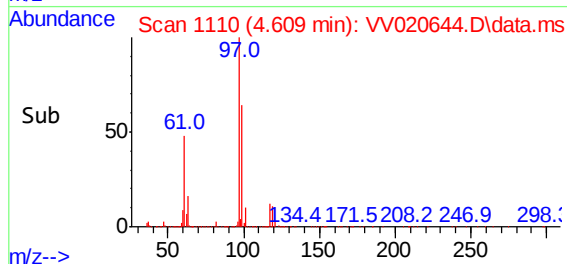
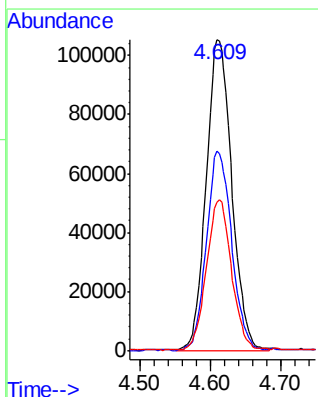
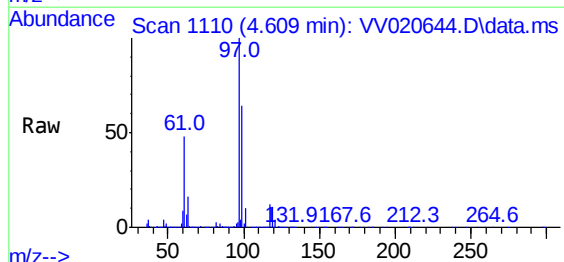
Tgt Ion: 97 Resp: 265626

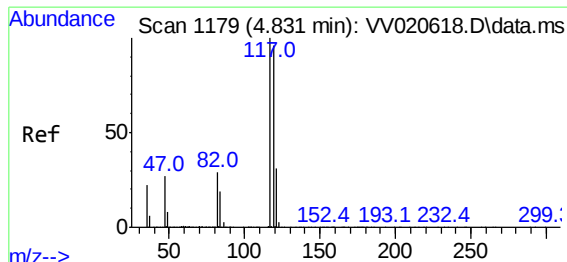
Ion Ratio Lower Upper

97 100

99 63.4 51.2 76.8

61 47.3 38.5 57.7

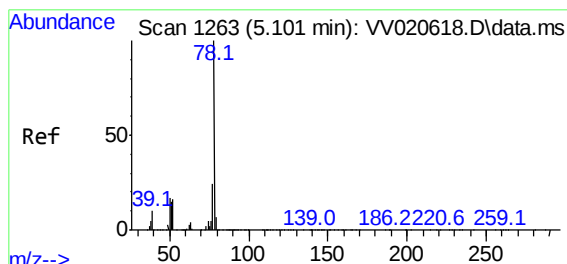
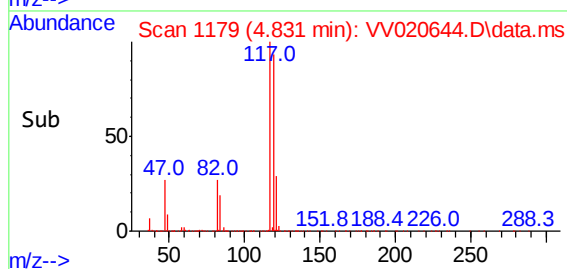
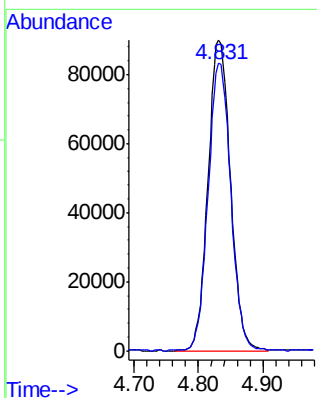
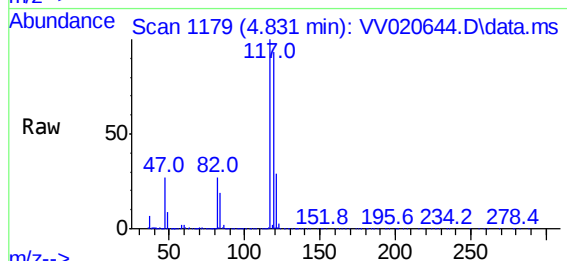




#31
Carbon tetrachloride
Concen: 50.14 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

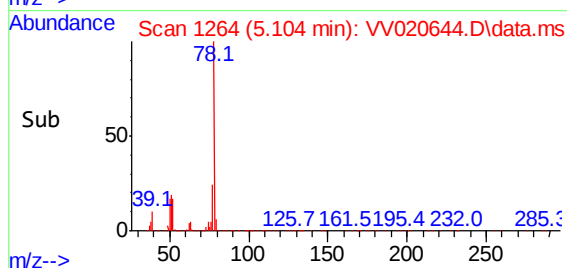
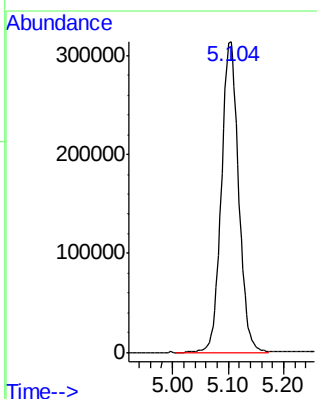
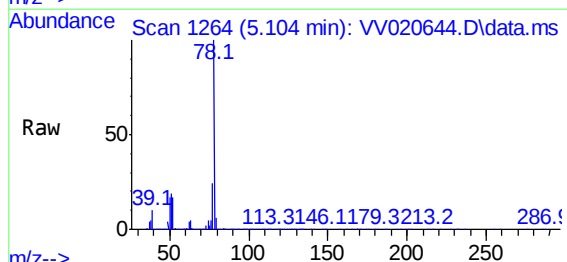
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

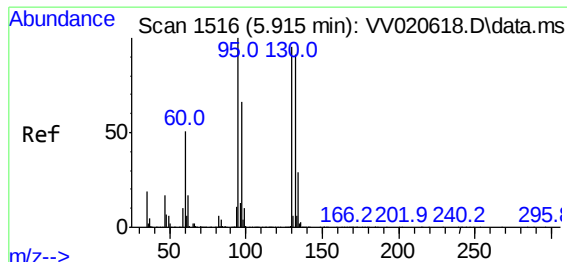
Tgt Ion:117 Resp: 218013
Ion Ratio Lower Upper
117 100
119 92.6 76.3 114.5



#33
Benzene
Concen: 51.16 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 78 Resp: 683532





#34

Trichloroethene

Concen: 48.54 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV020644.D

Acq: 16 Mar 2021 20:33

Tgt Ion: 95 Resp: 183002

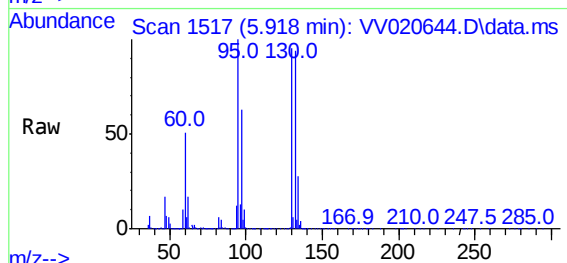
Ion Ratio Lower Upper

95 100

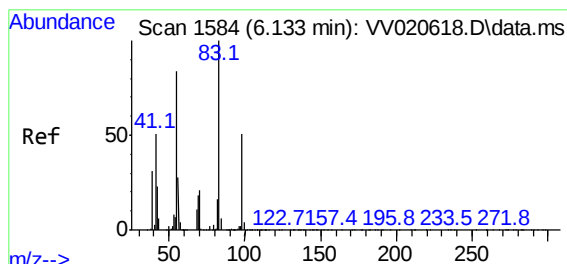
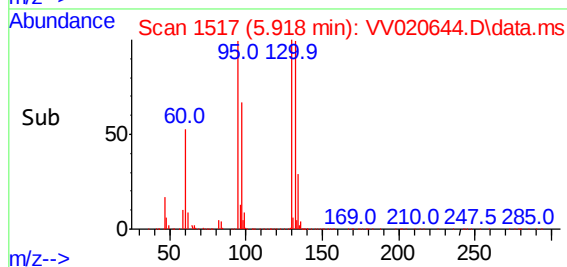
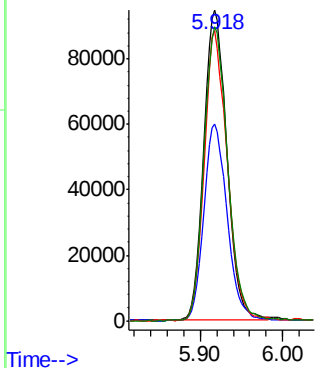
97 63.5 44.5 82.7

132 93.5 63.4 117.8

130 94.8 67.1 124.5



Abundance



#35

Methylcyclohexane

Concen: 47.06 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV020644.D

Acq: 16 Mar 2021 20:33

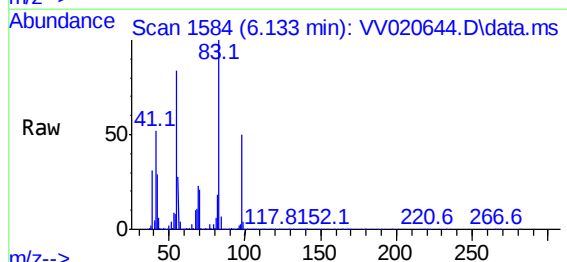
Tgt Ion: 83 Resp: 243858

Ion Ratio Lower Upper

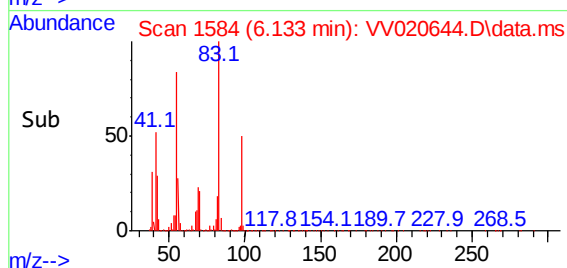
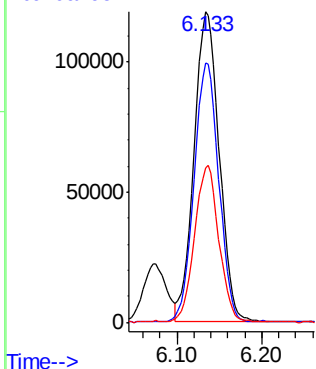
83 100

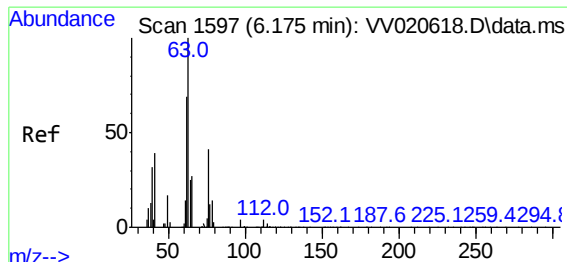
55 82.7 65.1 97.7

98 49.0 38.2 57.2



Abundance

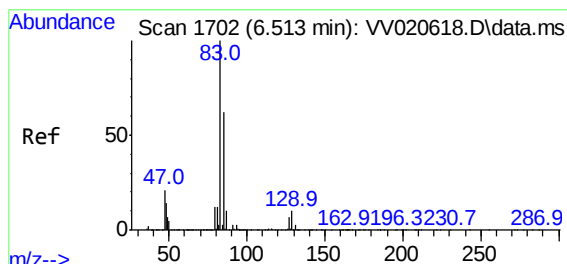
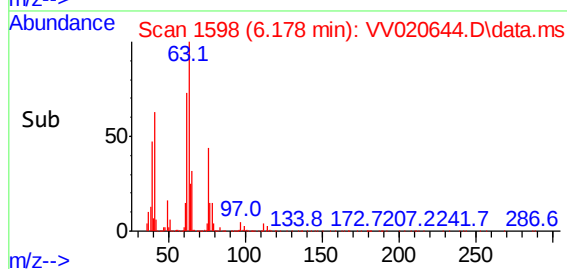
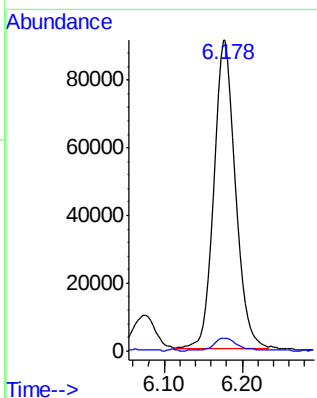
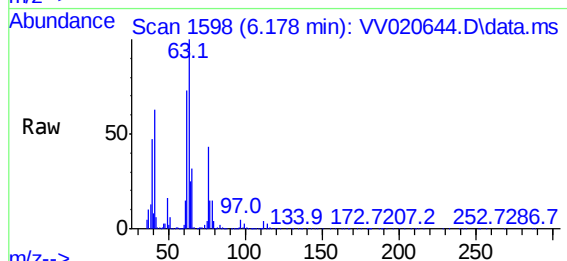




#37
1,2-Dichloropropane
Concen: 51.20 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

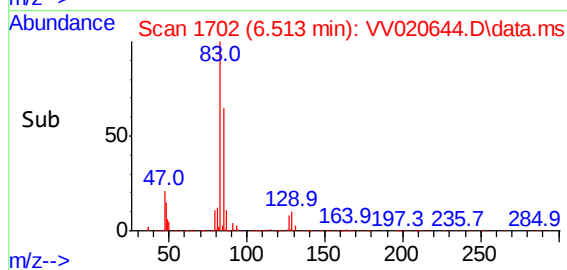
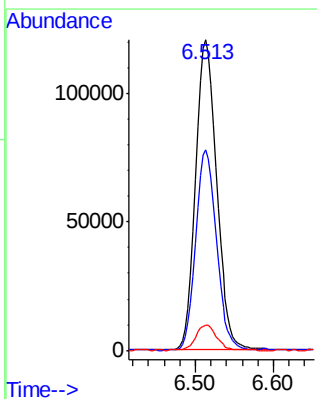
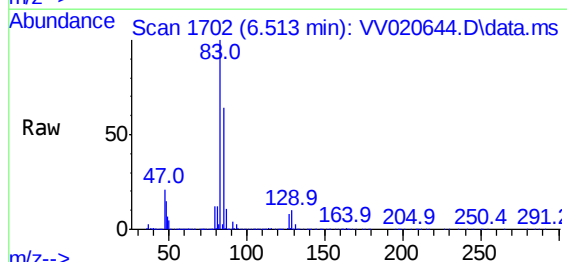
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

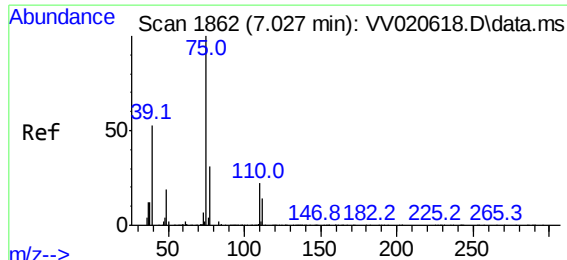
Tgt Ion: 63 Resp: 178613
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 48.89 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 83 Resp: 224602
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
127 8.0 6.3 9.5

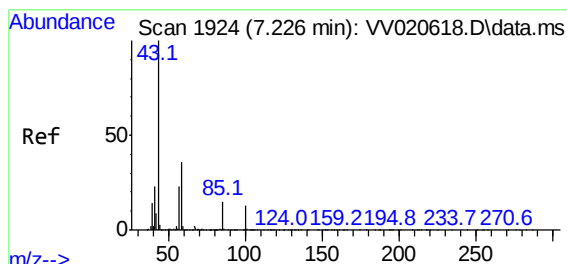
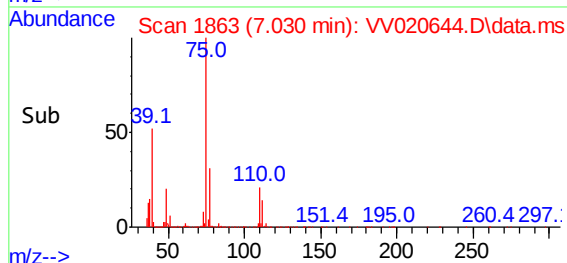
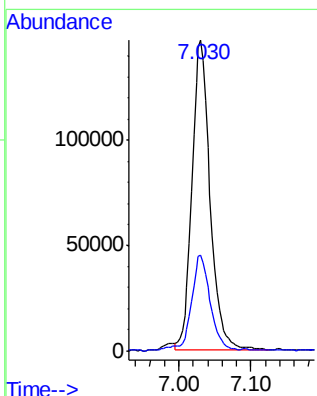
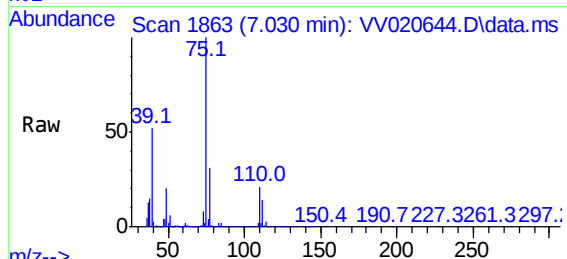




#39
cis-1,3-Dichloropropene
Concen: 49.80 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

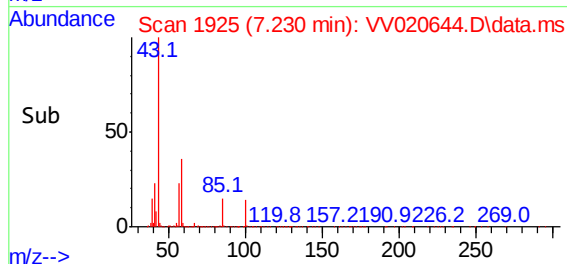
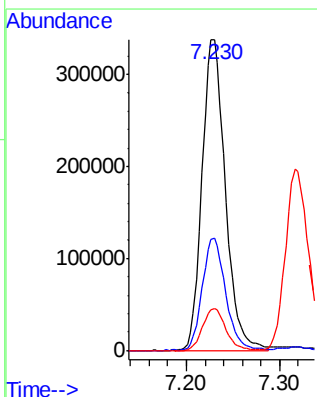
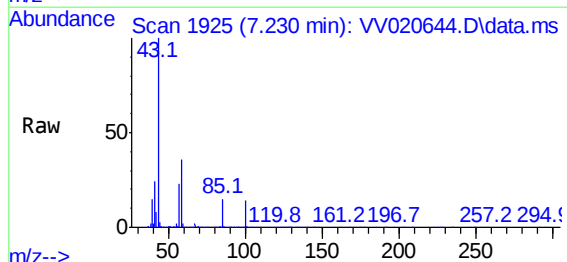
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

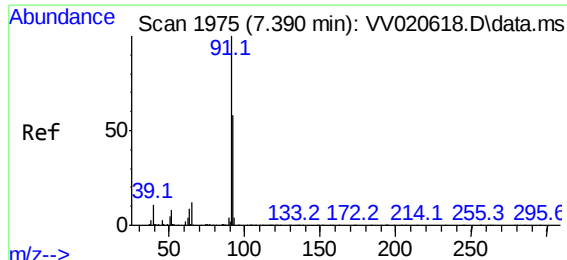
Tgt Ion: 75 Resp: 257725
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 111.80 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 43 Resp: 586619
Ion Ratio Lower Upper
43 100
58 36.2 30.7 46.1
100 13.3 11.6 17.4





#42

Toluene

Concen: 51.24 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV020644.D

Acq: 16 Mar 2021 20:33

Tgt Ion: 91 Resp: 714759

Ion Ratio Lower Upper

91 100

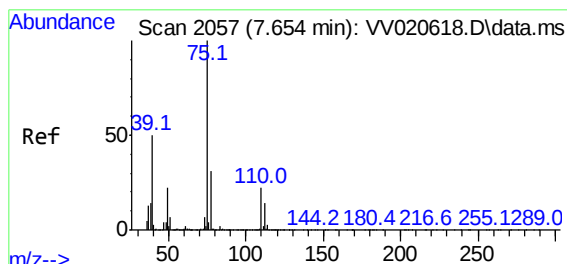
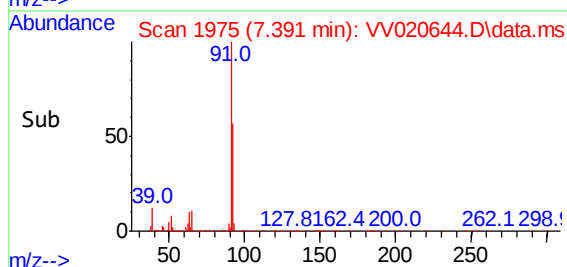
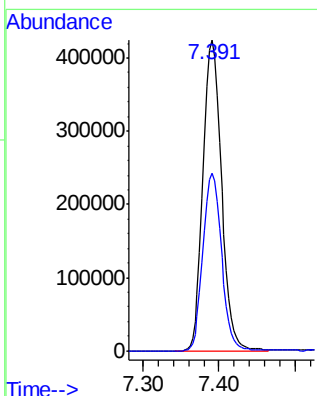
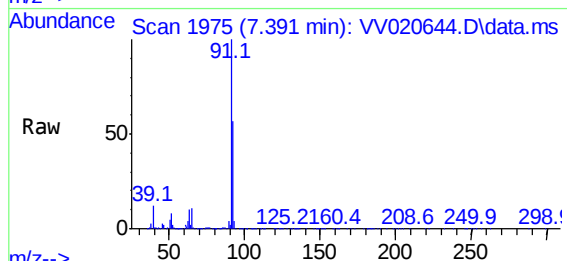
92 57.2 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079



#44

trans-1,3-Dichloropropene

Concen: 49.67 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV020644.D

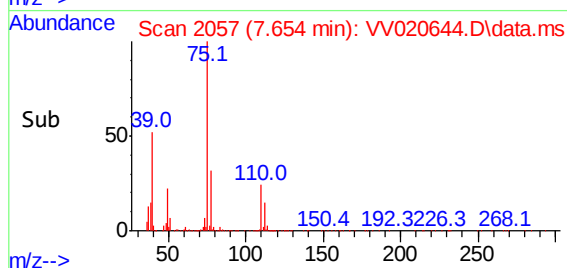
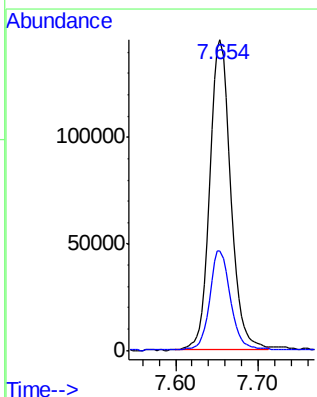
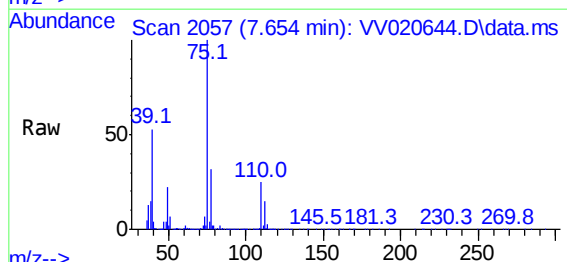
Acq: 16 Mar 2021 20:33

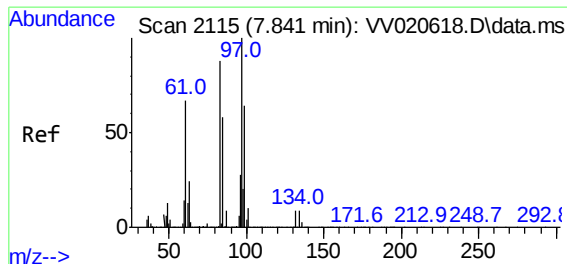
Tgt Ion: 75 Resp: 252657

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



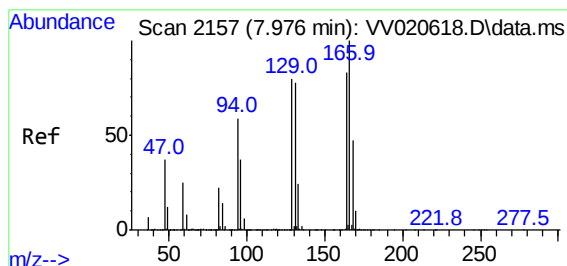
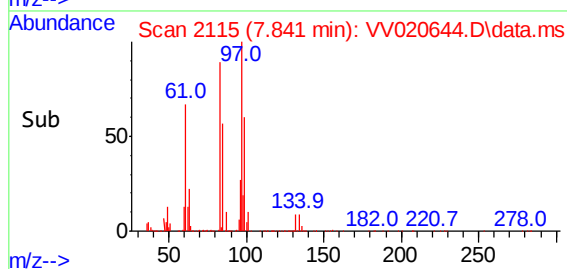
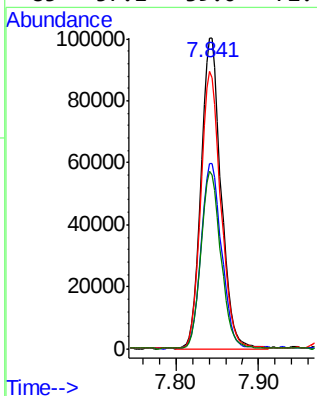
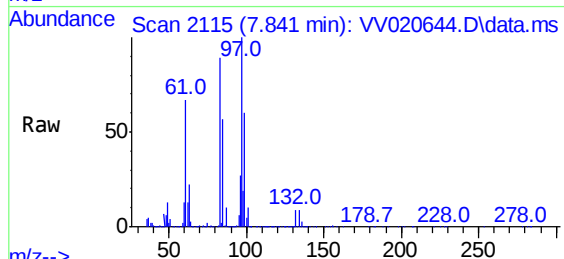


#45
1,1,2-Trichloroethane
Concen: 51.94 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

Tgt Ion: 97 Resp: 168861

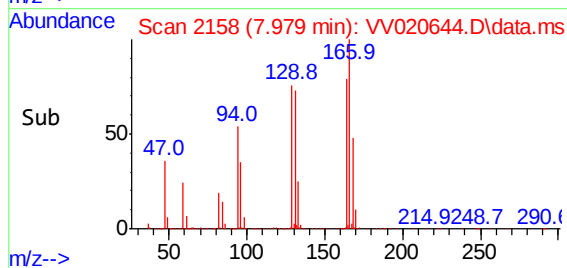
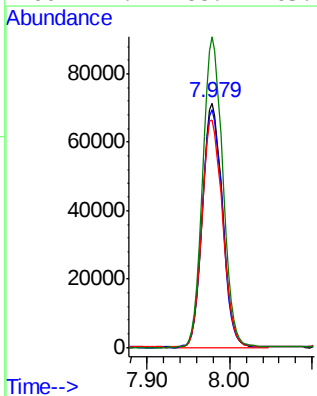
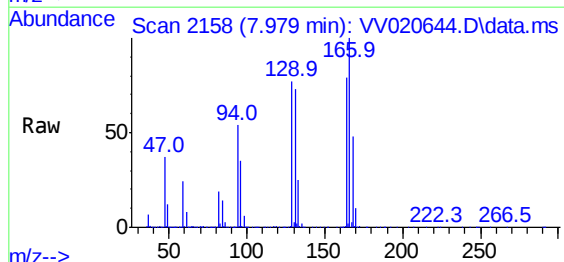
Ion	Ratio	Lower	Upper
97	100		
99	59.7	43.8	81.3
83	89.3	62.2	115.4
85	57.1	39.0	72.4

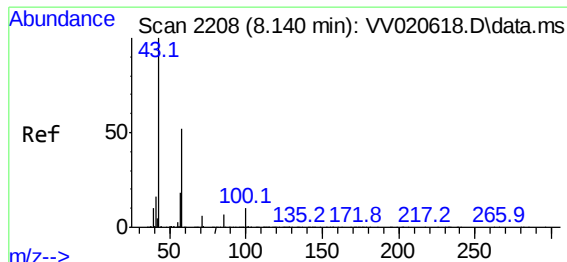


#46
Tetrachloroethene
Concen: 49.78 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 164 Resp: 120419

Ion	Ratio	Lower	Upper
164	100		
129	97.3	70.6	131.0
131	92.8	66.8	124.0
166	127.1	88.2	163.8



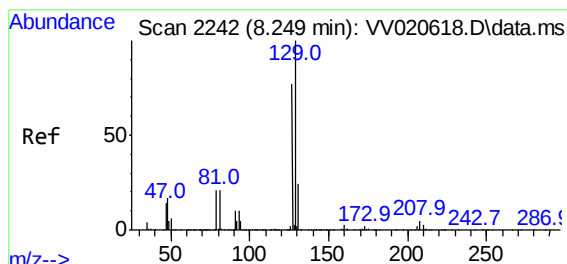
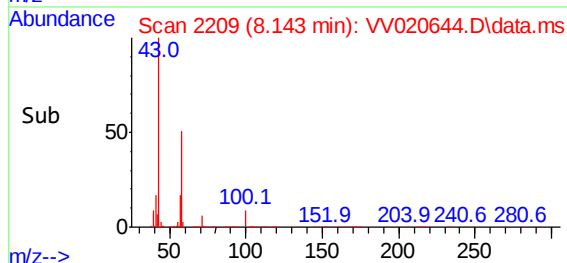
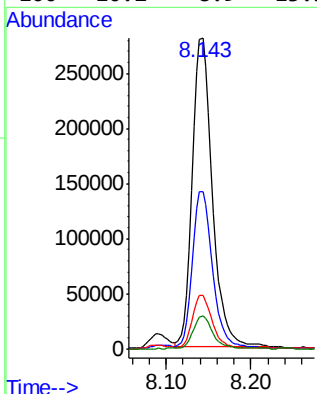
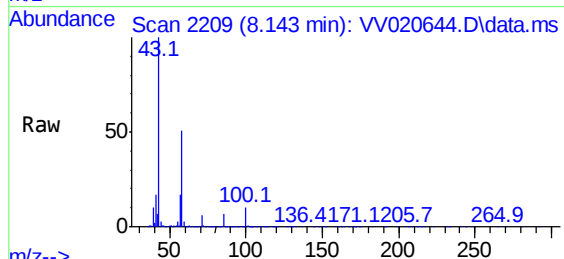


#48
2-Hexanone
Concen: 111.46 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

Tgt Ion: 43 Resp: 456809

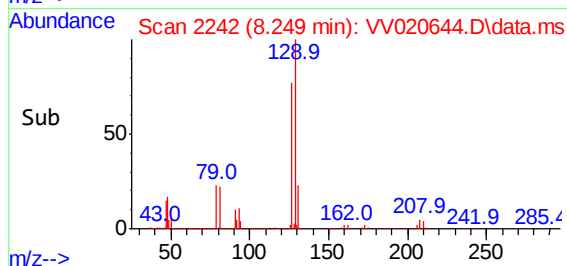
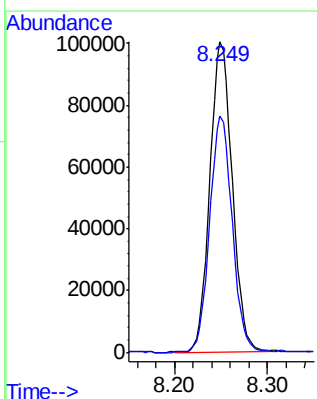
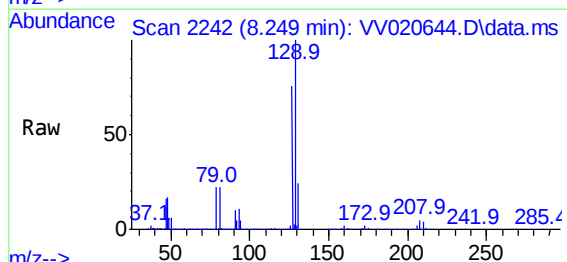
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.8	62.6
57	17.2	15.0	22.4
100	10.2	8.9	13.3

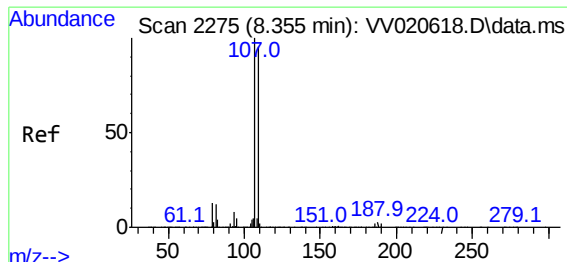


#49
Dibromochloromethane
Concen: 49.73 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 129 Resp: 168314

Ion	Ratio	Lower	Upper
129	100		
127	76.1	55.2	102.6

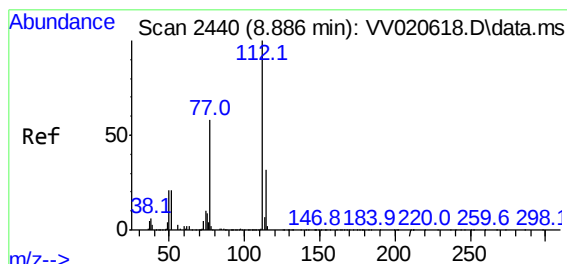
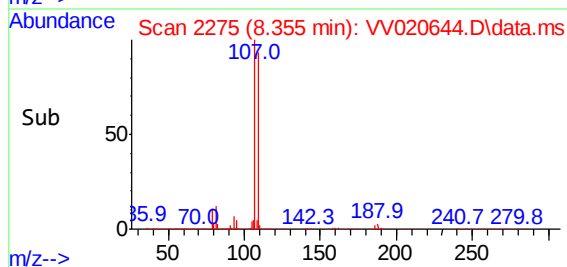
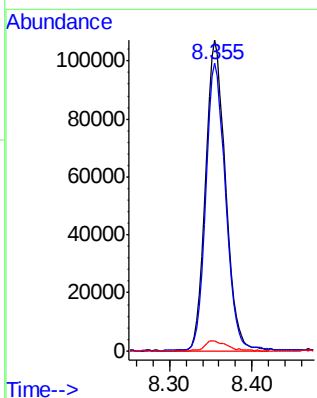
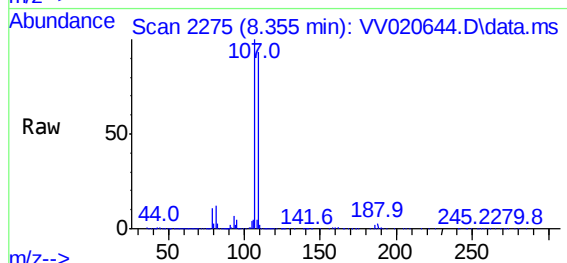




#50
1,2-Dibromoethane
Concen: 51.36 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

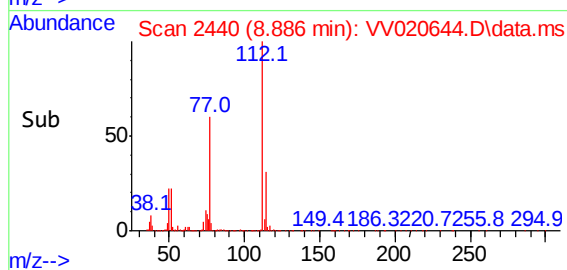
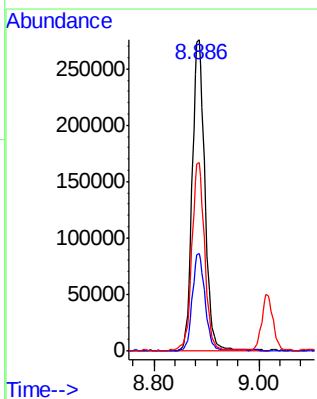
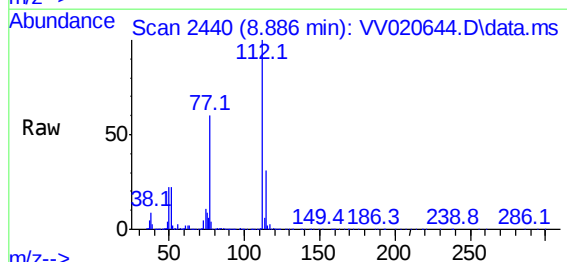
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

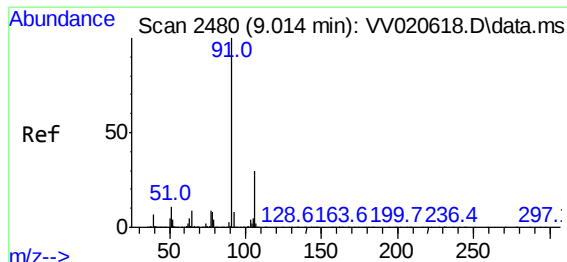
Tgt Ion:107 Resp: 178802
Ion Ratio Lower Upper
107 100
109 92.6 66.2 123.0
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 50.53 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion:112 Resp: 455877
Ion Ratio Lower Upper
112 100
114 31.1 22.2 41.2
77 60.3 49.0 73.6

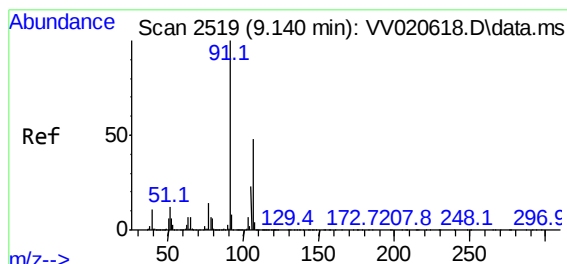
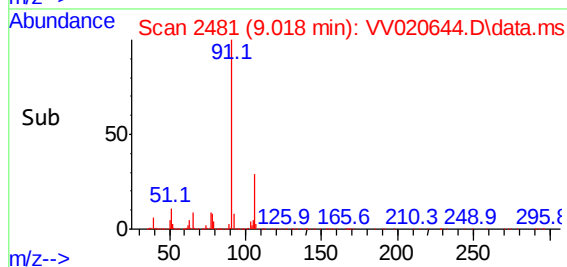
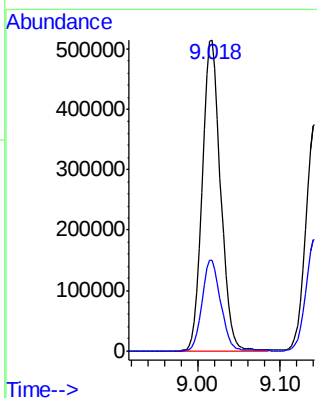
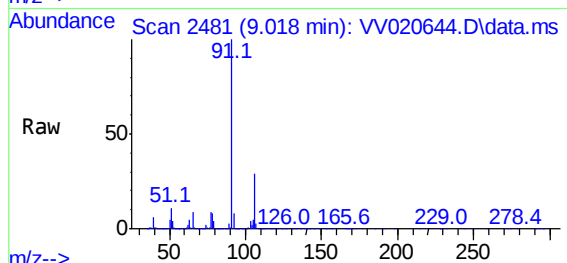




#52
Ethylbenzene
Concen: 50.10 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

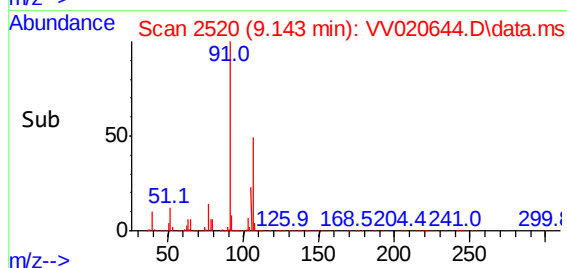
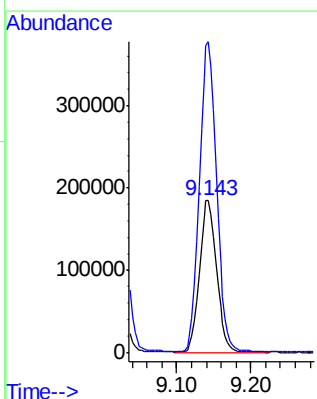
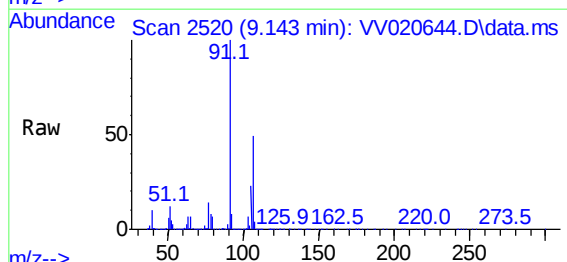
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

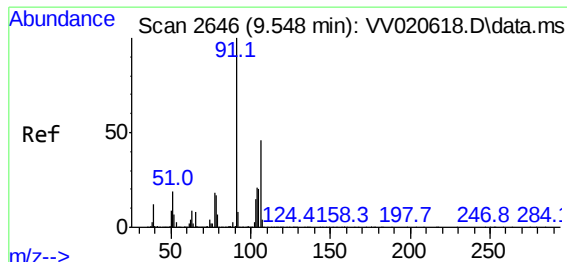
Tgt Ion: 91 Resp: 791116
Ion Ratio Lower Upper
91 100
106 29.0 21.0 39.0



#53
m,p-Xylene
Concen: 51.13 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 106 Resp: 294860
Ion Ratio Lower Upper
106 100
91 204.9 148.1 275.0

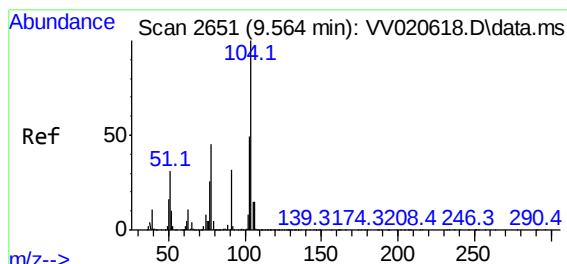
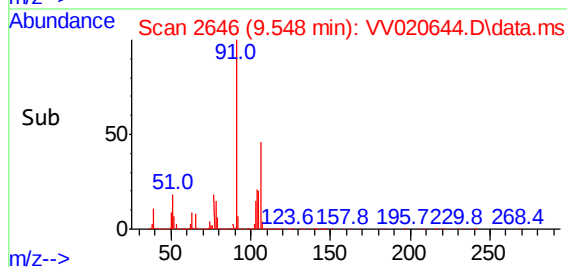
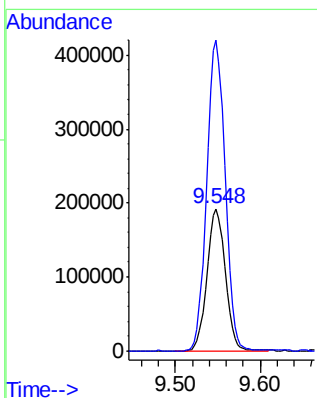
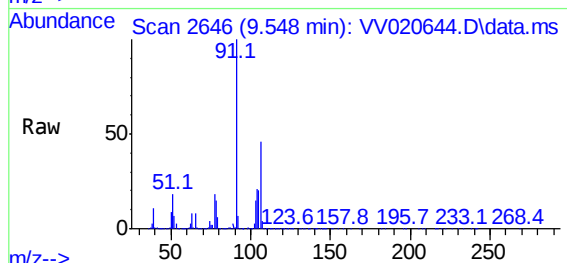




#54
o-xylene
Concen: 51.17 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

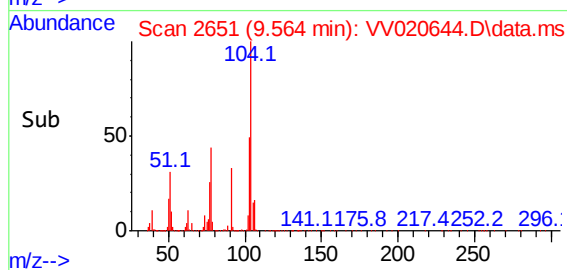
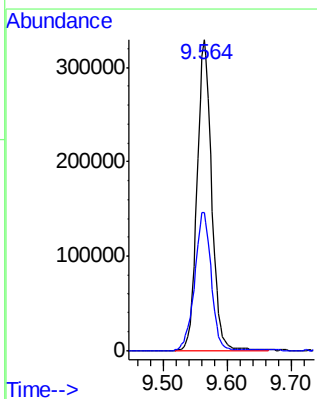
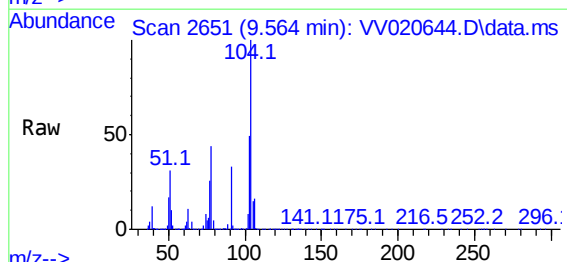
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

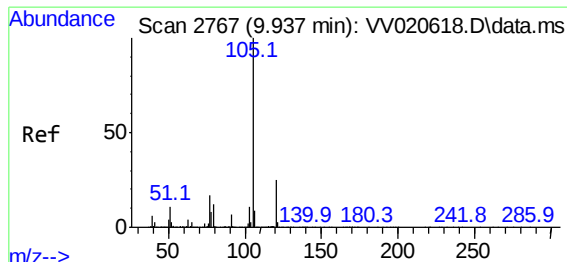
Tgt Ion:106 Resp: 285632
Ion Ratio Lower Upper
106 100
91 218.9 156.4 290.6



#55
Styrene
Concen: 52.82 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion:104 Resp: 514892
Ion Ratio Lower Upper
104 100
78 44.3 33.7 62.5

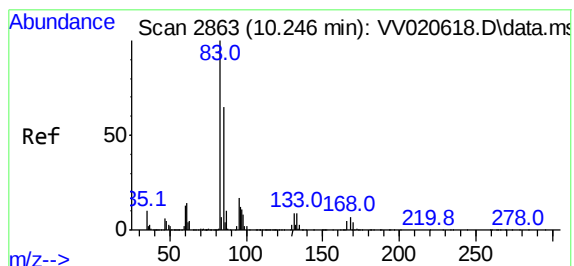
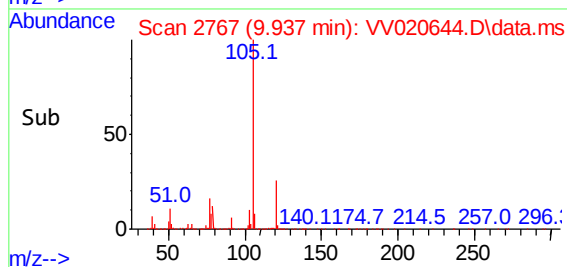
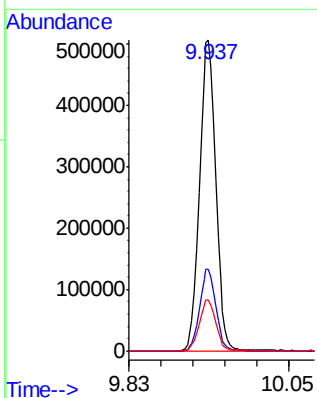
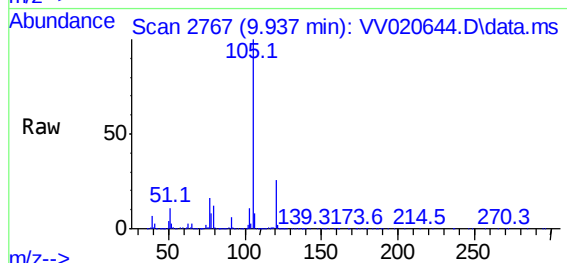




#56
Isopropylbenzene
Concen: 51.12 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

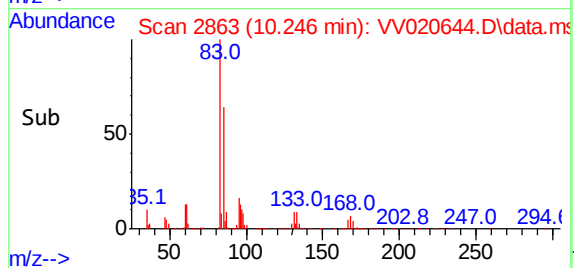
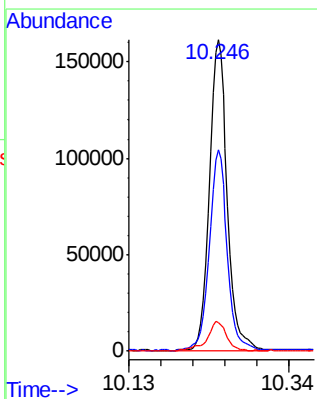
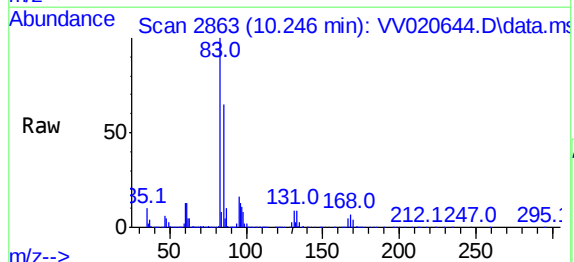
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

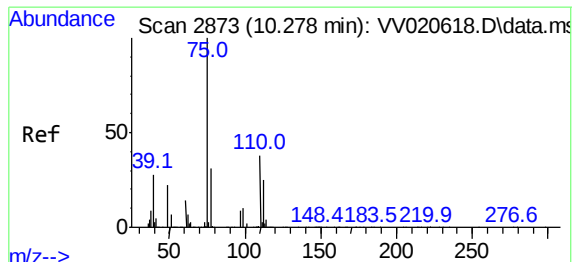
Tgt Ion:105 Resp: 772197
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.5 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 53.67 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 83 Resp: 259143
Ion Ratio Lower Upper
83 100
85 64.6 44.3 82.3
131 8.9 7.3 10.9

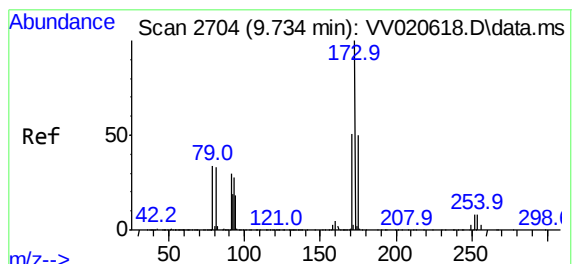
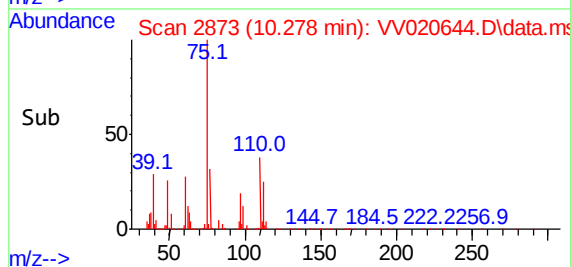
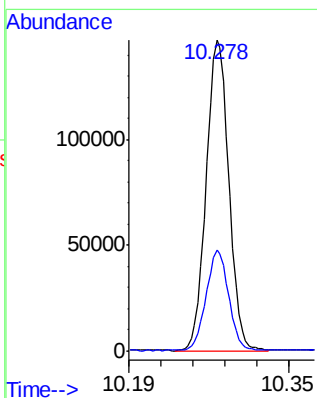
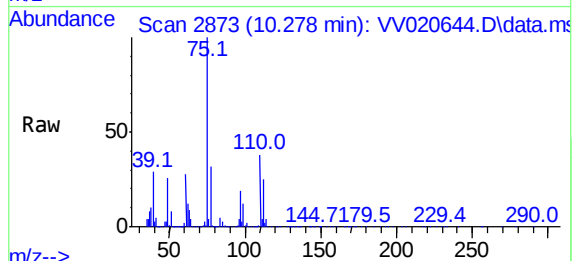




#59
1,2,3-Trichloropropane
Concen: 52.53 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

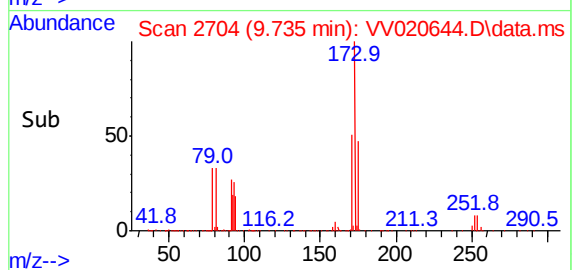
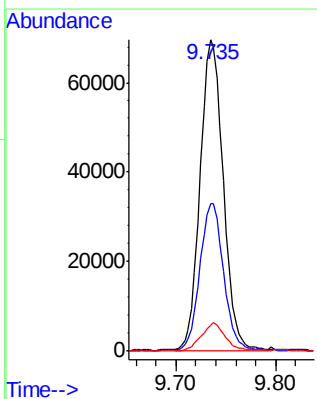
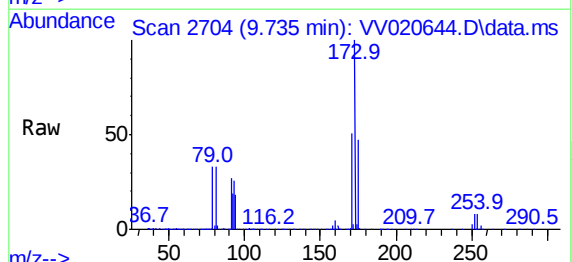
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

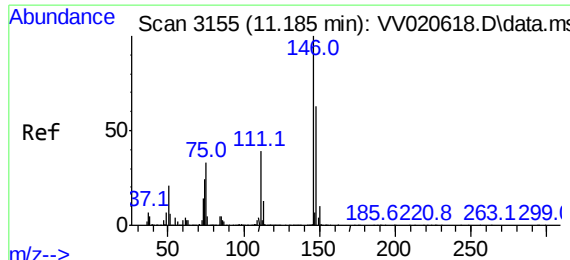
Tgt Ion: 75 Resp: 232228
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#61
Bromoform
Concen: 49.43 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion:173 Resp: 112249
Ion Ratio Lower Upper
173 100
175 47.8 38.6 57.8
254 8.8 6.5 9.7

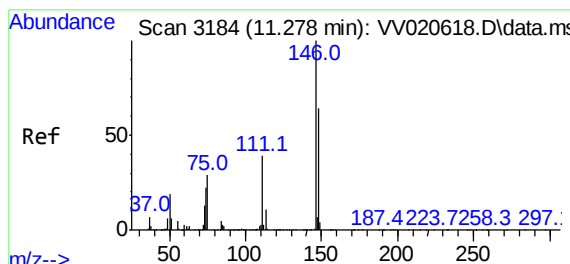
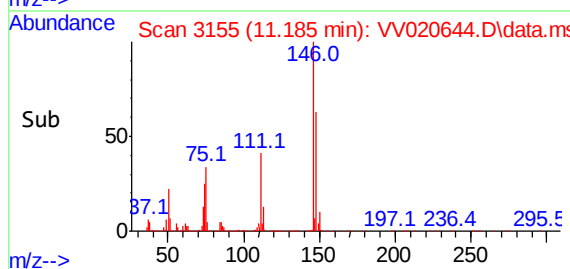
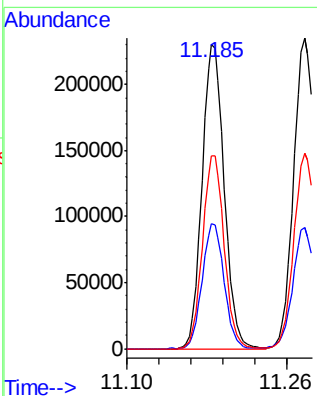
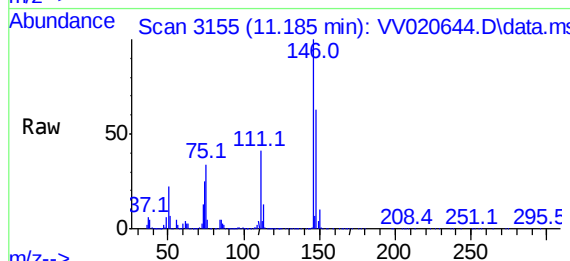




#62
1,3-Dichlorobenzene
Concen: 48.73 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

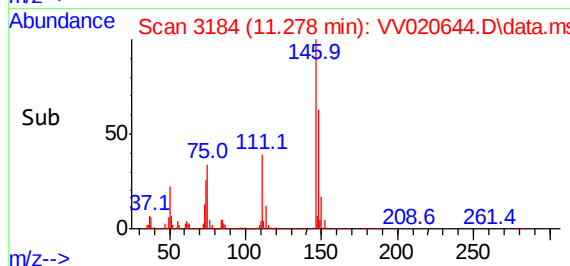
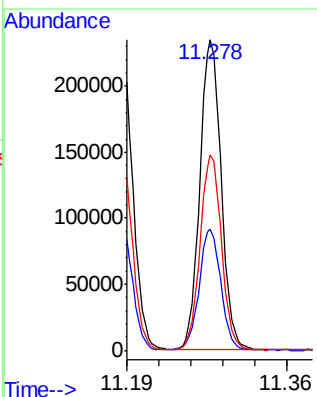
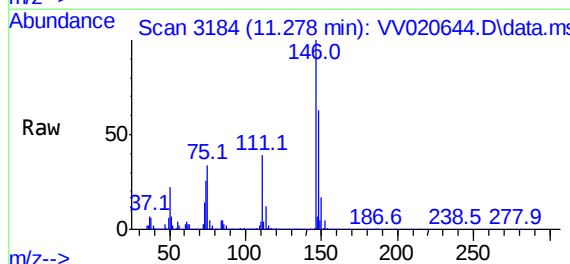
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

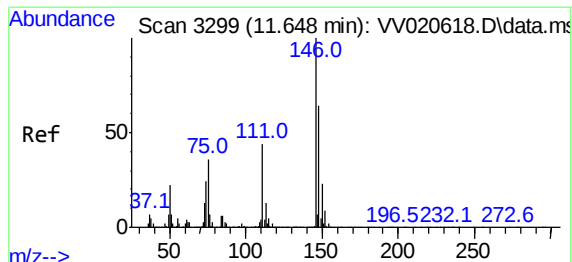
Tgt Ion:146 Resp: 354582
Ion Ratio Lower Upper
146 100
111 40.9 30.2 56.2
148 63.4 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 47.16 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion:146 Resp: 358147
Ion Ratio Lower Upper
146 100
111 39.2 29.4 54.6
148 63.1 44.7 83.1

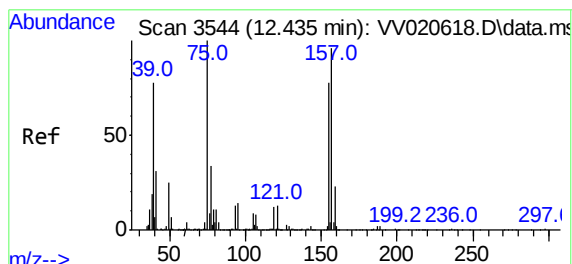
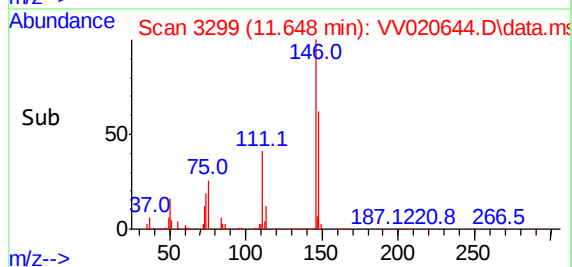
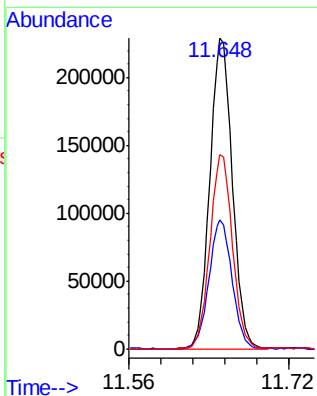
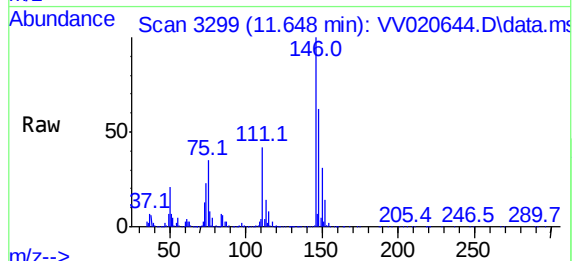




#65
1,2-Dichlorobenzene
Concen: 49.32 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

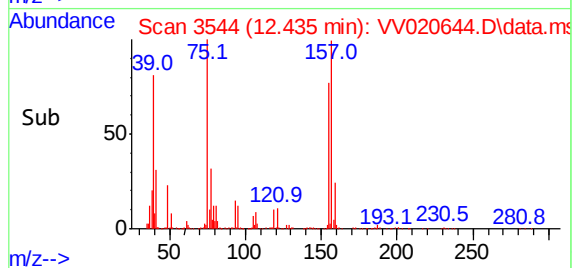
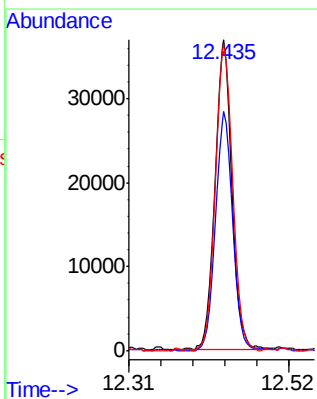
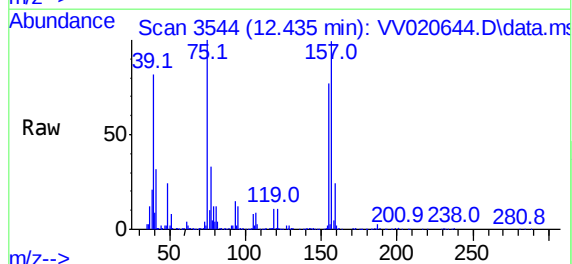
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

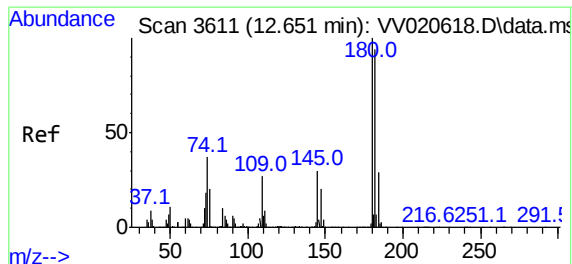
Tgt Ion:146 Resp: 357205
Ion Ratio Lower Upper
146 100
111 41.6 36.3 54.5
148 62.3 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 52.70 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion: 75 Resp: 57633
Ion Ratio Lower Upper
75 100
155 77.0 59.1 88.7
157 98.6 75.4 113.0



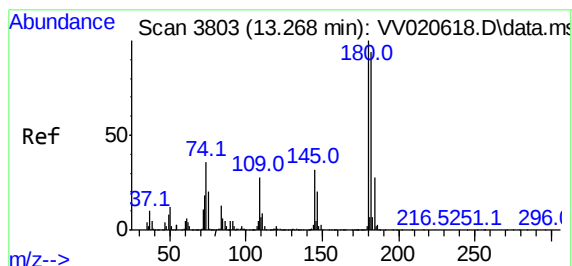
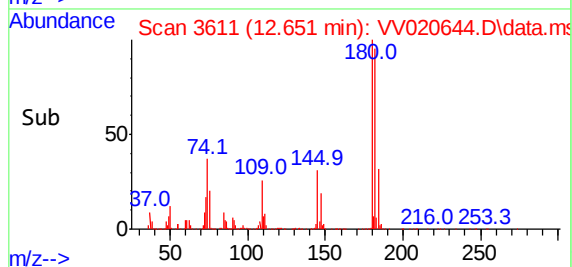
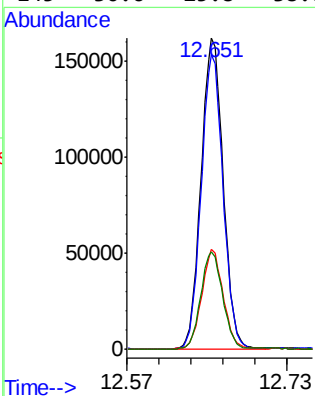
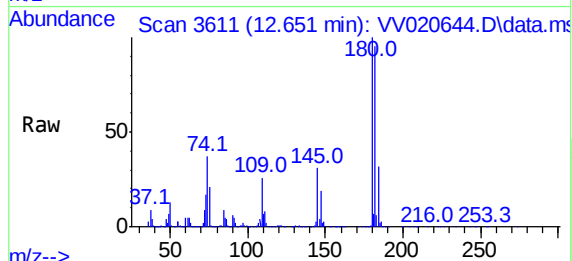


#67
 1,3,5-Trichlorobenzene
 Concen: 47.81 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.000 min
 Lab File: VV020644.D
 Acq: 16 Mar 2021 20:33

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Tgt Ion:180 Resp: 247722

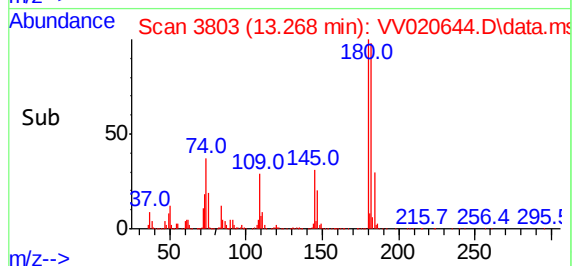
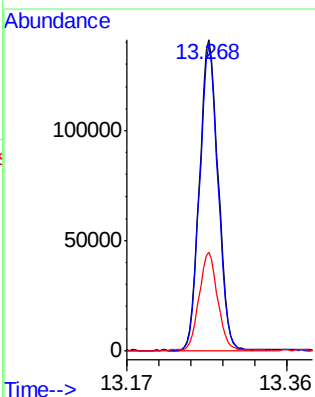
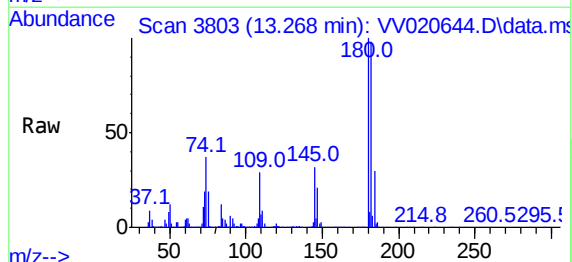
Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
184	31.2	24.0	36.0
145	30.6	25.8	38.6

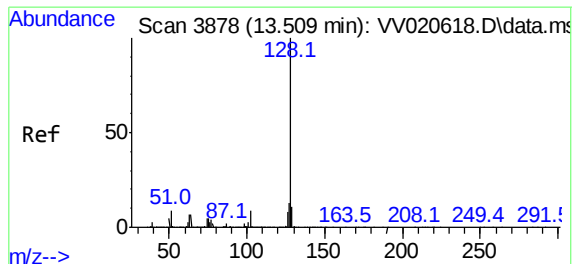


#68
 1,2,4-trichlorobenzene
 Concen: 47.92 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.000 min
 Lab File: VV020644.D
 Acq: 16 Mar 2021 20:33

Tgt Ion:180 Resp: 215578

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.1	112.7
145	31.1	26.8	40.2

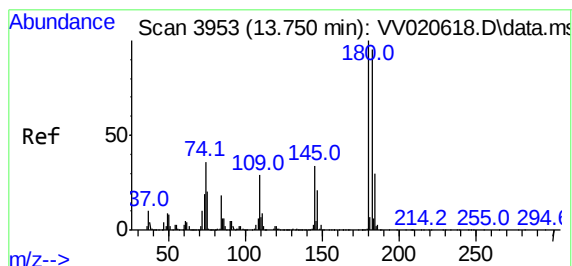
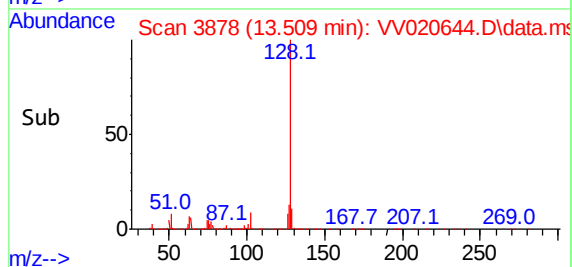
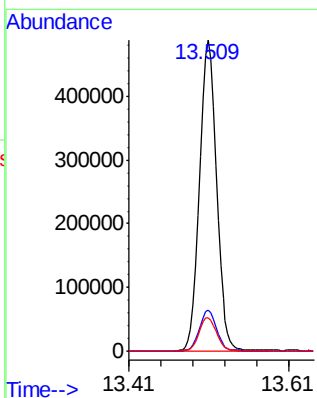
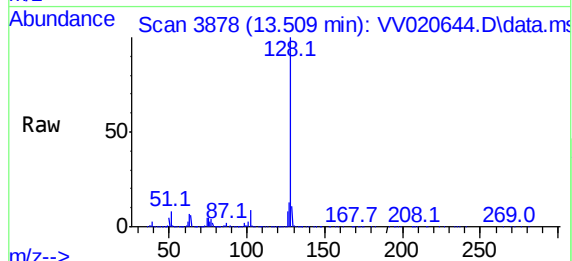




#69
Naphthalene
Concen: 50.18 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

Tgt Ion:128 Resp: 734048
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 49.72 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020644.D
Acq: 16 Mar 2021 20:33

Tgt Ion:180 Resp: 221703
Ion Ratio Lower Upper
180 100
182 94.1 76.1 114.1
145 32.5 27.9 41.9

