

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031521\
 Data File : VW020616.D
 Acq On : 15 Mar 2021 19:51
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Mar 16 03:54:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 16 03:42:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	452635	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	452670	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	229364	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	165826	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.84%
7) Chloroethane-d5	1.571	69	135752	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.111	63	321012	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.50%
21) 2-Butanone-d5	3.892	46	262204	111.89	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.89%
24) Chloroform-d	4.352	84	312371	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	5.034	65	210389	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	5.053	84	620097	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
36) 1,2-Dichloropropane-d6	6.072	67	201426	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.68%
41) Toluene-d8	7.316	98	551916	49.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.30%
43) trans-1,3-Dichloroprop...	7.625	79	92939	49.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.40%
47) 2-Hexanone-d5	8.091	63	166066	110.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.92%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	266284	53.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.50%
64) 1,2-Dichlorobenzene-d4	11.631	152	217930	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	186429	49.89	ug/L	98
3) Chloromethane	1.243	50	226999	52.51	ug/L	99
5) Vinyl chloride	1.314	62	218524	50.42	ug/L	99
6) Bromomethane	1.526	94	124572	48.79	ug/L	98
8) Chloroethane	1.587	64	127940	48.65	ug/L	100
9) Trichlorofluoromethane	1.754	101	288214	49.90	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	152405	48.39	ug/L	96
12) 1,1-Dichloroethene	2.121	96	149126	48.80	ug/L	81
13) Acetone	2.185	43	181275	94.71	ug/L	98
14) Carbon disulfide	2.297	76	460252	49.68	ug/L	100
15) Methyl Acetate	2.436	43	200558	54.71	ug/L	96
16) Methylene chloride	2.510	84	179217	50.62	ug/L	100
17) trans-1,2-Dichloroethene	2.764	96	162815	49.88	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	508021	51.18	ug/L	98
19) 1,1-Dichloroethane	3.191	63	318123	51.08	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	175860	52.19	ug/L #	97
22) 2-Butanone	3.976	43	280077	105.79	ug/L	93
23) Bromochloromethane	4.252	128	87833	52.24	ug/L	97
25) Chloroform	4.378	83	334384	51.40	ug/L	99

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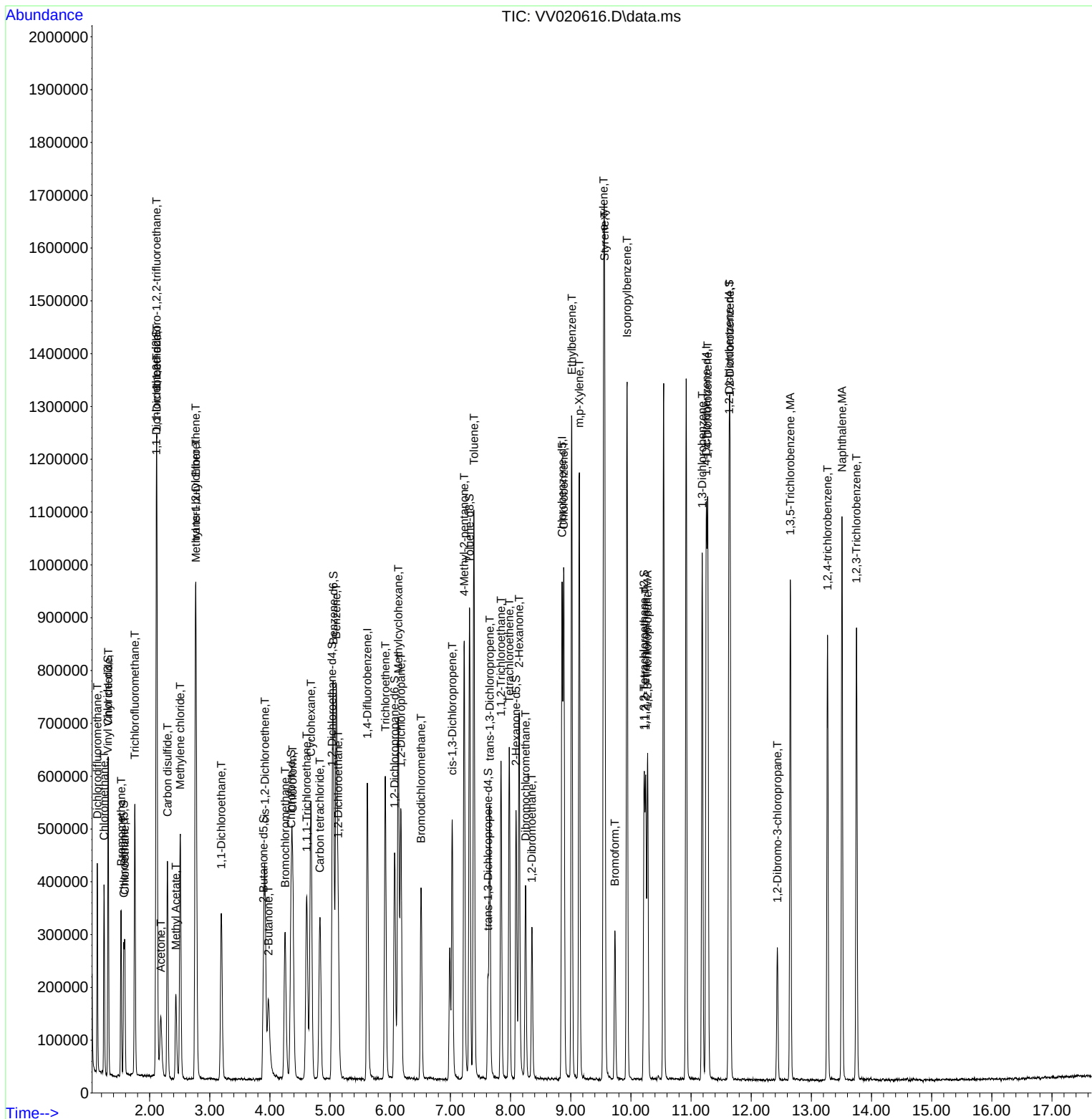
Instrument :
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 ClientSampleId :
 VSTD05077

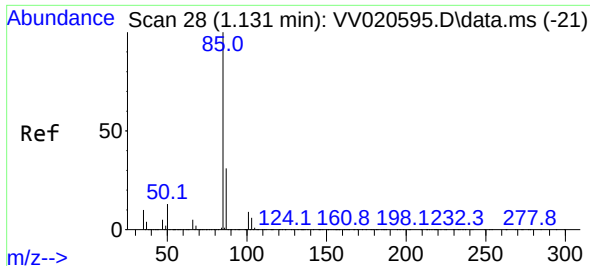
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	263917	51.36	ug/L	99
29) Cyclohexane	4.680	56	281036	50.69	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	270955	49.53	ug/L	99
31) Carbon tetrachloride	4.831	117	221497	49.83	ug/L	99
33) Benzene	5.101	78	707088	51.77	ug/L	100
34) Trichloroethene	5.918	95	190260	49.37	ug/L	98
35) Methylcyclohexane	6.133	83	261839	49.43	ug/L	97
37) 1,2-Dichloropropane	6.178	63	186576	52.32	ug/L	99
38) Bromodichloromethane	6.513	83	234609	49.96	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	257352	48.65	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	570042	106.28	ug/L	97
42) Toluene	7.390	91	741188	51.98	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	267984	51.54	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	174878	52.62	ug/L	99
46) Tetrachloroethene	7.979	164	125144	50.61	ug/L	98
48) 2-Hexanone	8.143	43	432134	103.15	ug/L	98
49) Dibromochloromethane	8.249	129	171212	49.48	ug/L	99
50) 1,2-Dibromoethane	8.355	107	178965	50.29	ug/L	99
51) Chlorobenzene	8.886	112	457009	49.55	ug/L	99
52) Ethylbenzene	9.017	91	832692	51.59	ug/L	100
53) m,p-Xylene	9.143	106	298965	50.72	ug/L	100
54) o-xylene	9.548	106	293911	51.51	ug/L	97
55) Styrene	9.564	104	523701	52.56	ug/L	97
56) Isopropylbenzene	9.937	105	800236	51.83	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	262111	53.11	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	226877	50.20	ug/L	99
61) Bromoform	9.734	173	110711	48.70	ug/L	96
62) 1,3-Dichlorobenzene	11.185	146	364286	50.01	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	378298	49.76	ug/L	96
65) 1,2-Dichlorobenzene	11.648	146	365743	50.44	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	55708	50.88	ug/L	93
67) 1,3,5-Trichlorobenzene	12.651	180	254907	49.14	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	224382	49.83	ug/L	99
69) Naphthalene	13.509	128	740082	50.54	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	222148	49.76	ug/L	99

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

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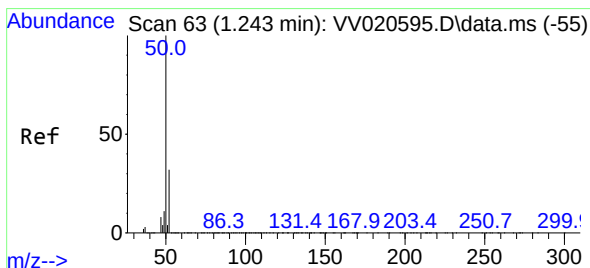
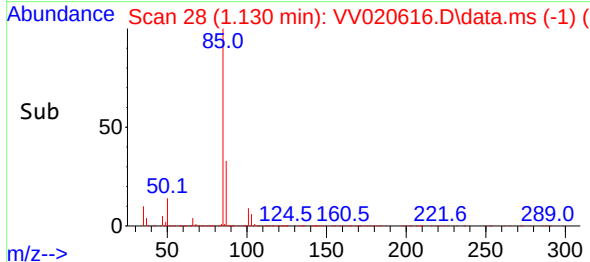
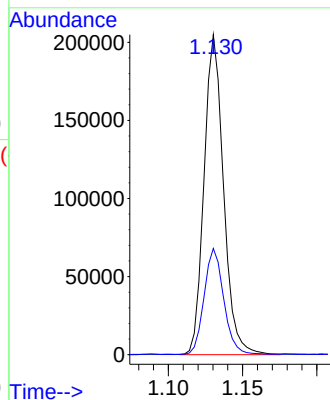
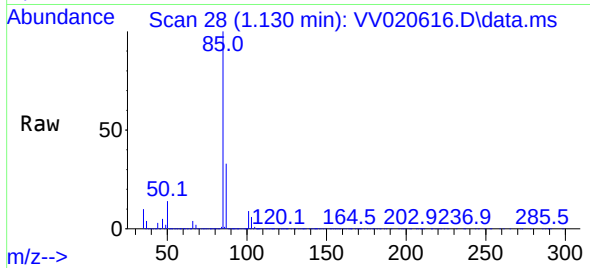




#2
Dichlorodifluoromethane
Concen: 49.89 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

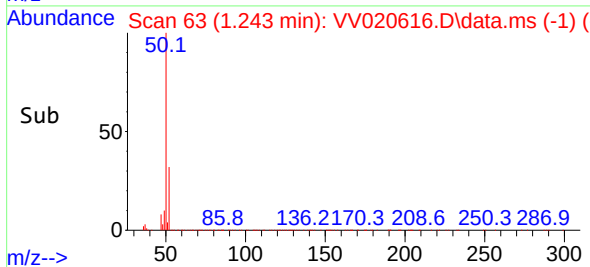
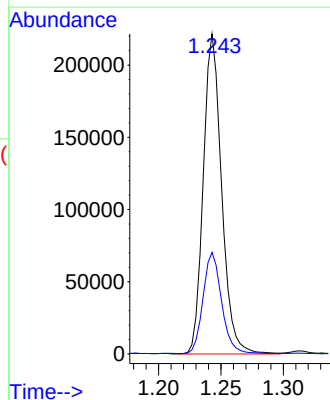
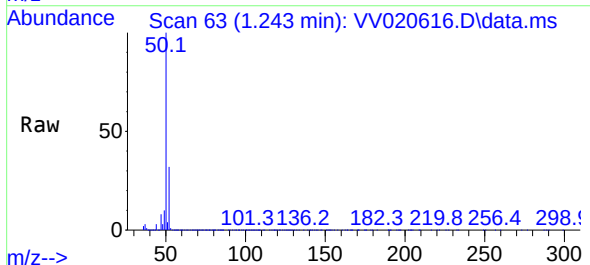
Instrument :
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ClientSampleId :
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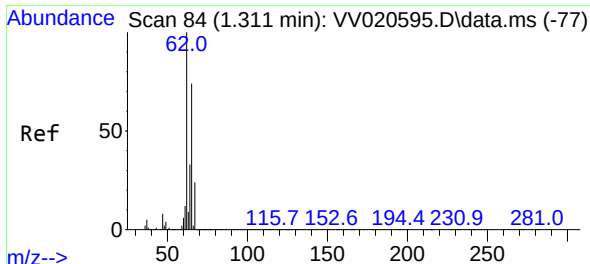
Tgt Ion: 85 Resp: 186429
Ion Ratio Lower Upper
85 100
87 33.5 25.9 38.9



#3
Chloromethane
Concen: 52.51 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 50 Resp: 226999
Ion Ratio Lower Upper
50 100
52 31.7 22.7 42.1

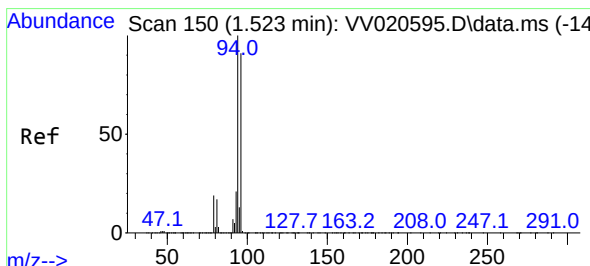
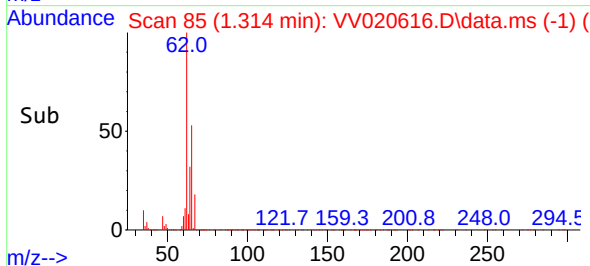
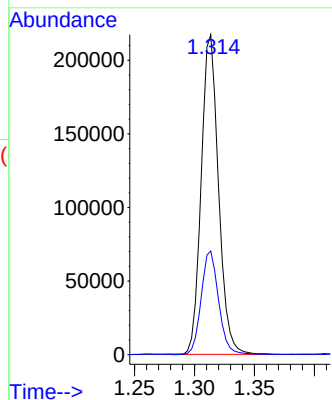
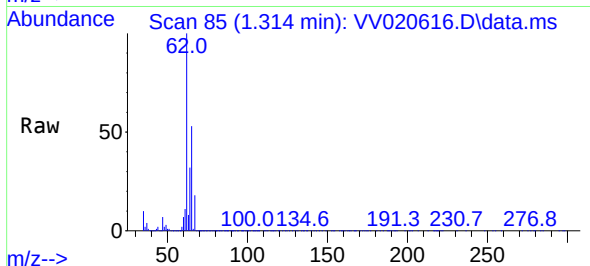




#5
 Vinyl chloride
 Concen: 50.42 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020616.D
 Acq: 15 Mar 2021 19:51

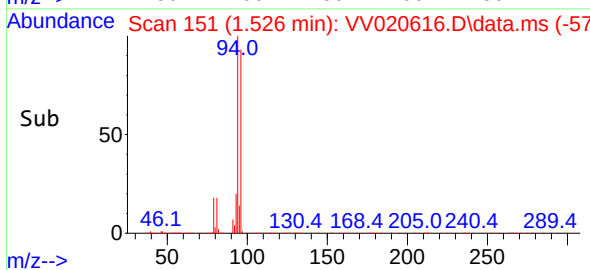
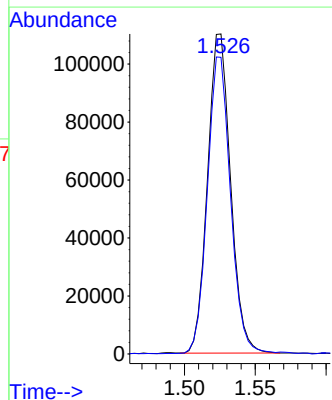
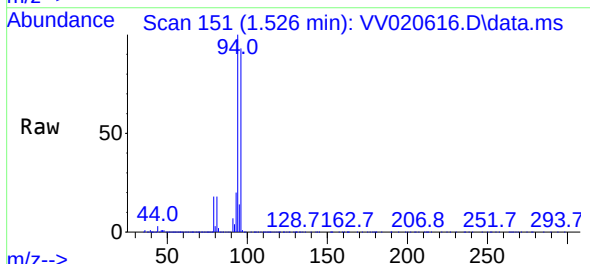
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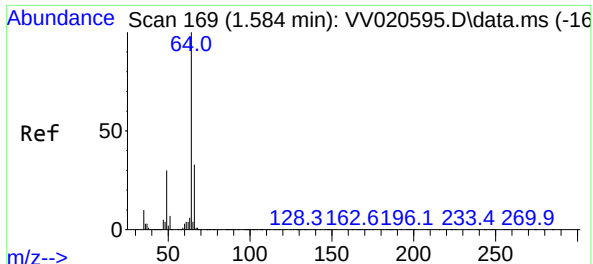
Tgt Ion: 62 Resp: 218524
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.0 42.6



#6
 Bromomethane
 Concen: 48.79 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020616.D
 Acq: 15 Mar 2021 19:51

Tgt Ion: 94 Resp: 124572
 Ion Ratio Lower Upper
 94 100
 96 92.7 63.6 118.2

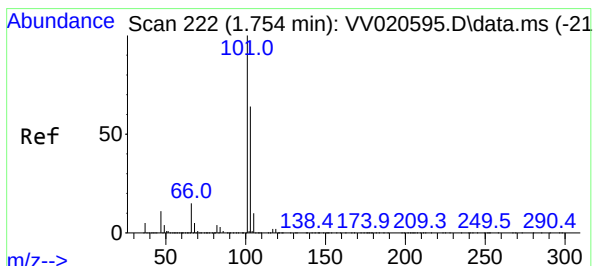
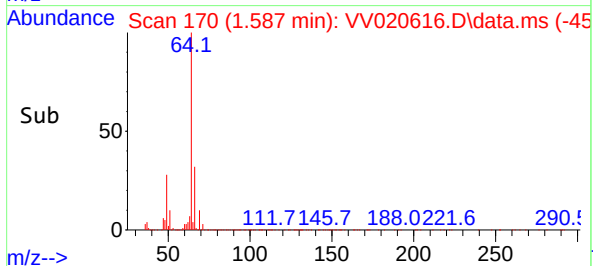
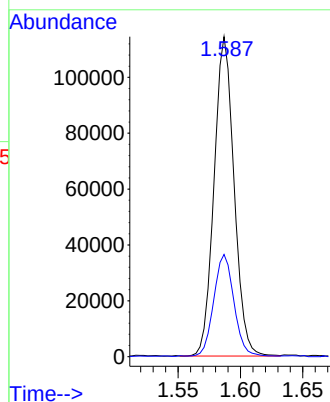
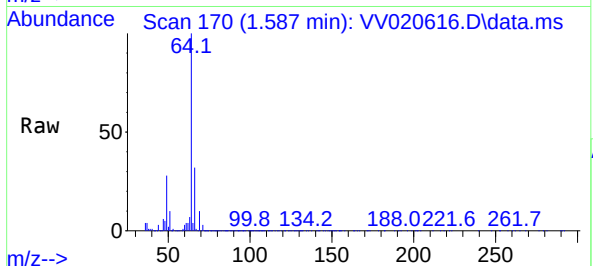




#8
Chloroethane
Concen: 48.65 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

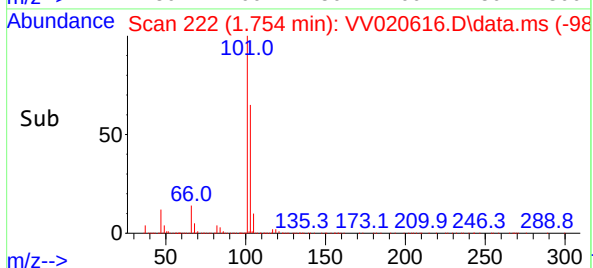
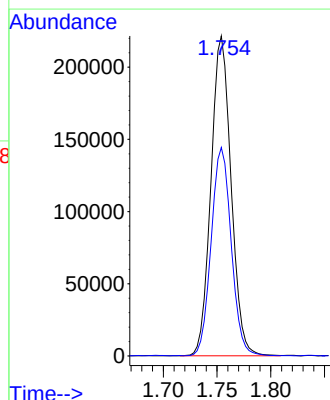
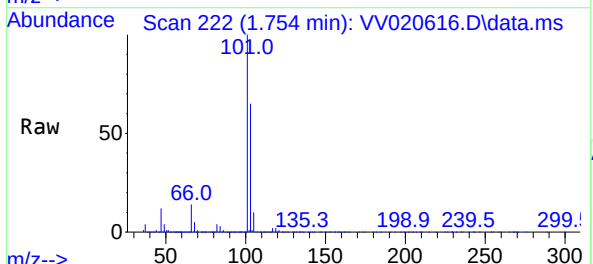
Instrument :
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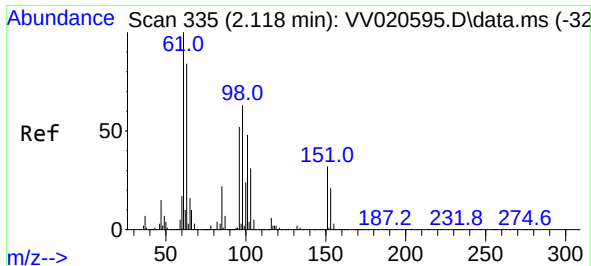
Tgt Ion: 64 Resp: 127940
Ion Ratio Lower Upper
64 100
66 31.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.90 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 101 Resp: 288214
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

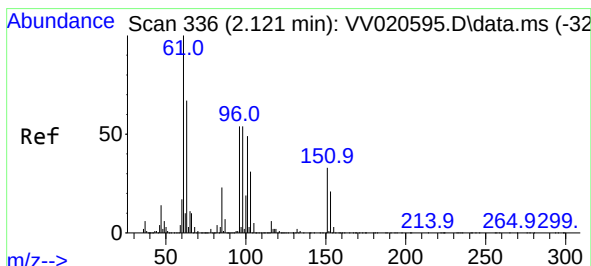
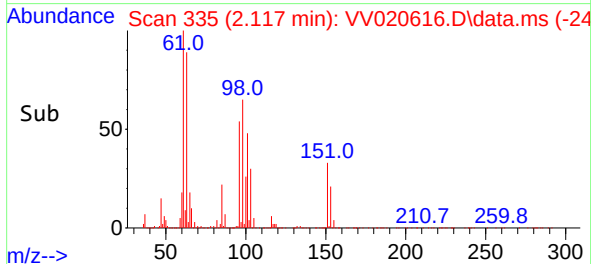
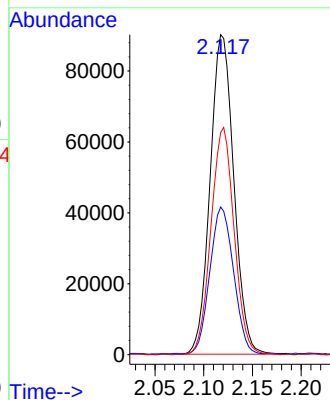
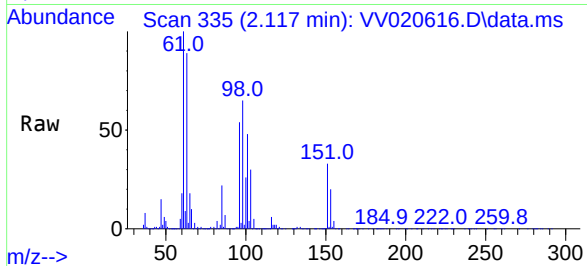




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.39 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

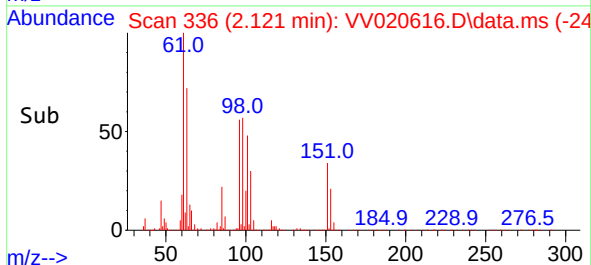
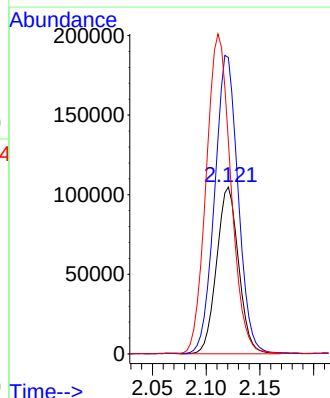
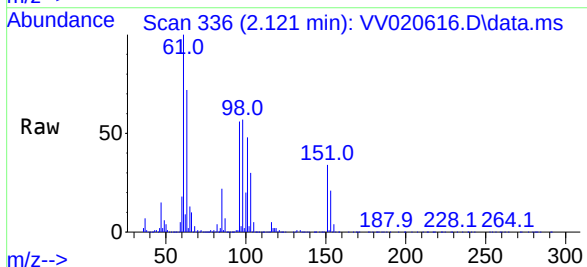
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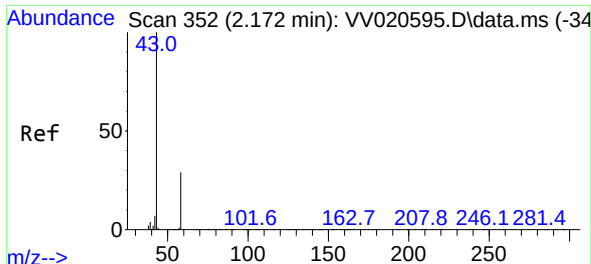
Tgt Ion:	101	Resp:	152405
Ion	Ratio	Lower	Upper
101	100		
85	46.4	35.3	52.9
151	69.8	53.6	80.4



#12
1,1-Dichloroethene
Concen: 48.80 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion:	96	Resp:	149126
Ion	Ratio	Lower	Upper
96	100		
61	177.7	134.9	250.5
63	127.7	117.6	218.4

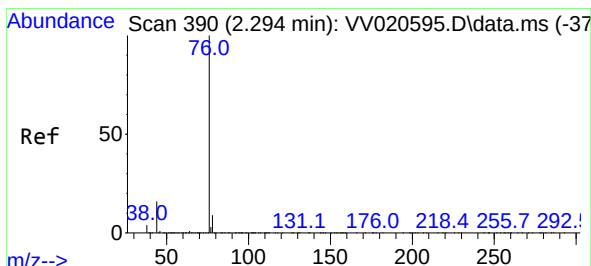
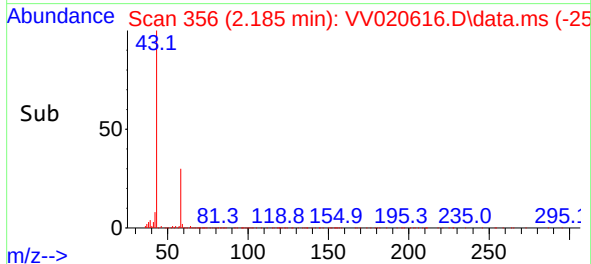
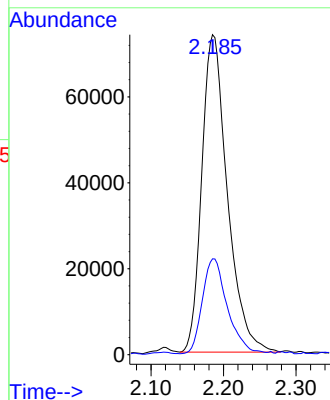
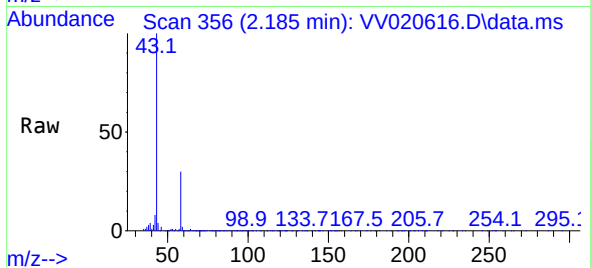




#13
Acetone
Concen: 94.71 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.013 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

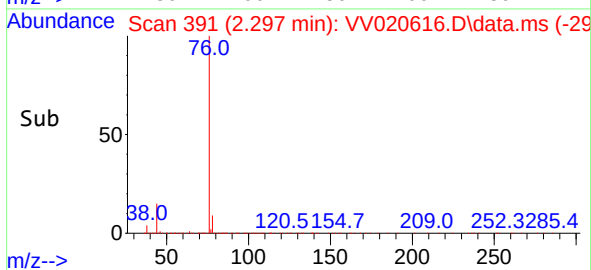
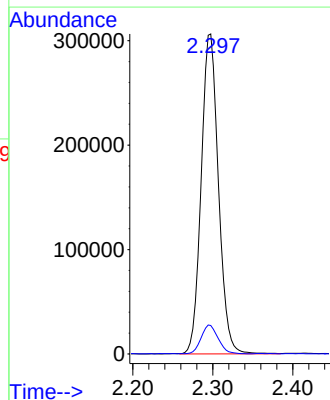
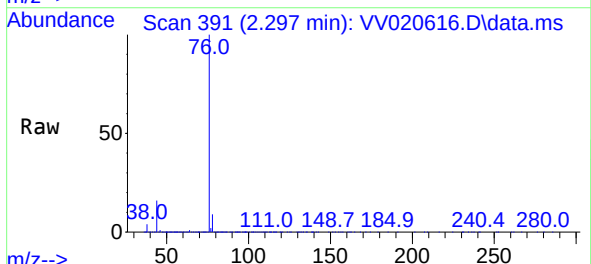
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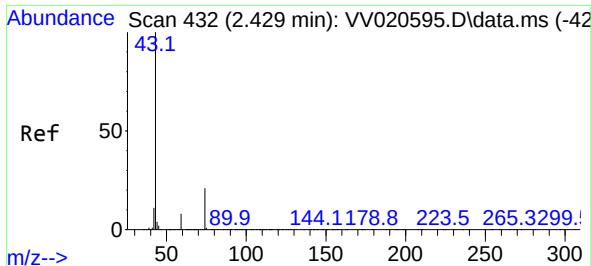
Tgt Ion: 43 Resp: 181275
Ion Ratio Lower Upper
43 100
58 29.2 0.0 60.2



#14
Carbon disulfide
Concen: 49.68 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020616.D
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Tgt Ion: 76 Resp: 460252
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

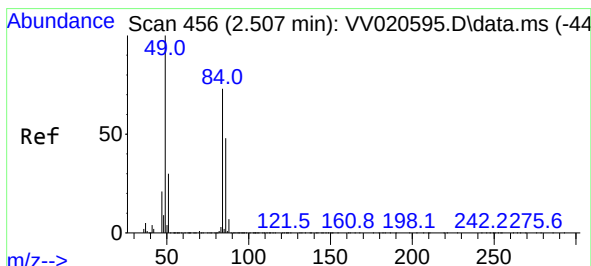
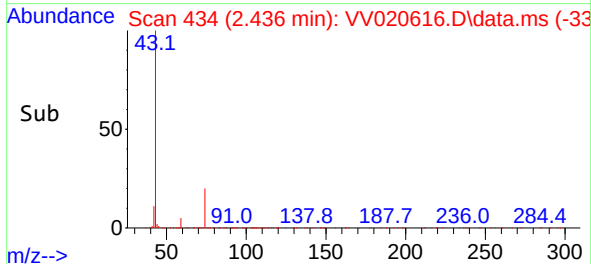
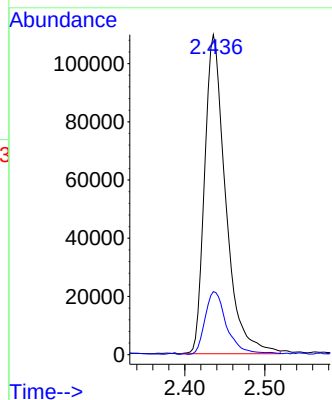
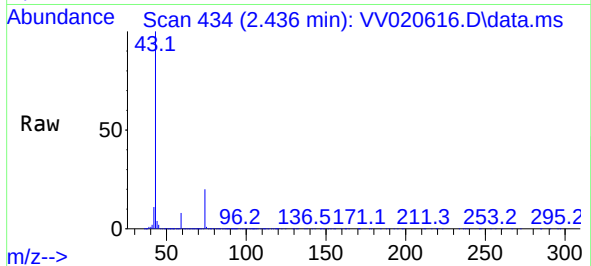




#15
Methyl Acetate
Concen: 54.71 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.006 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

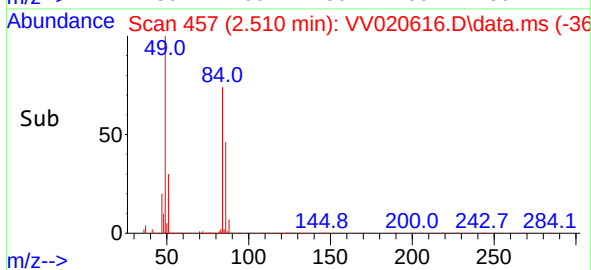
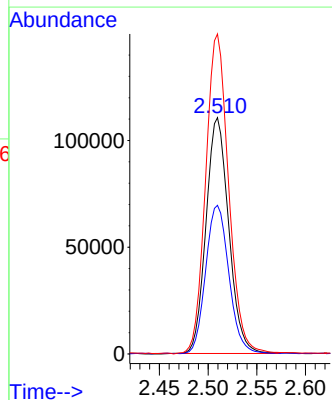
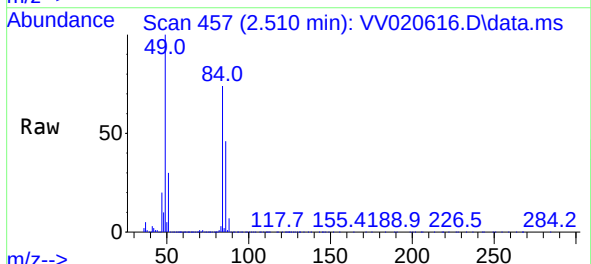
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

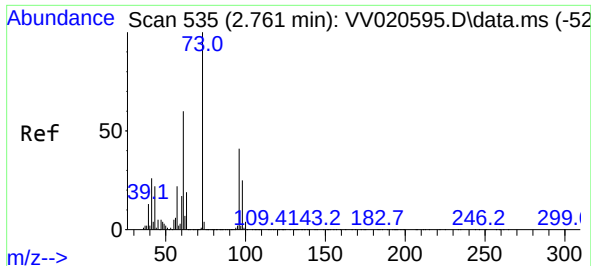
Tgt Ion: 43 Resp: 200558
Ion Ratio Lower Upper
43 100
74 20.1 17.6 26.4



#16
Methylene chloride
Concen: 50.62 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 84 Resp: 179217
Ion Ratio Lower Upper
84 100
86 62.9 44.6 82.8
49 135.4 94.6 175.8

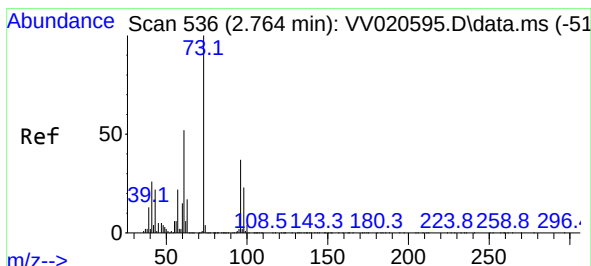
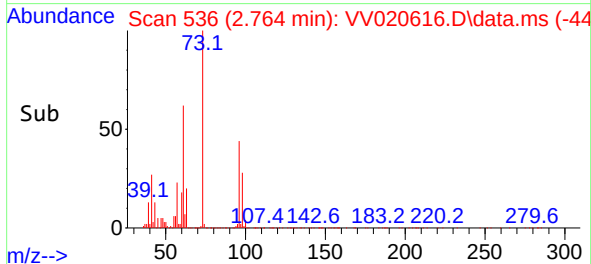
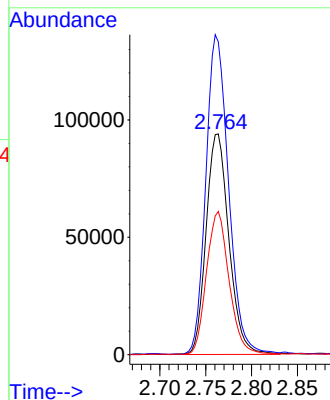
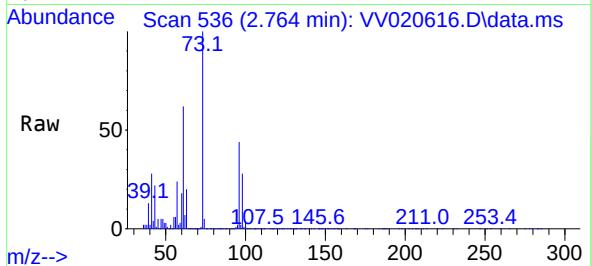




#17
trans-1,2-Dichloroethene
Concen: 49.88 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

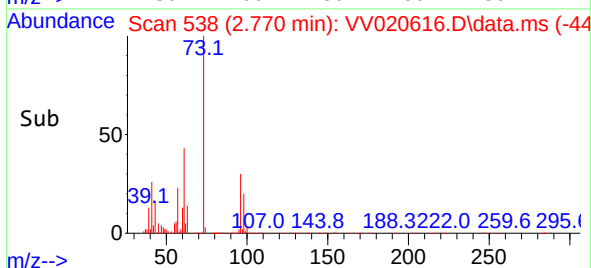
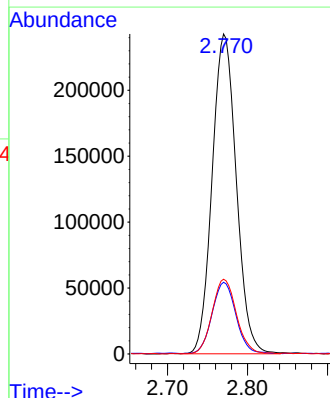
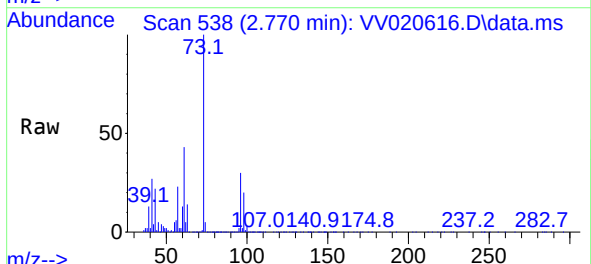
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

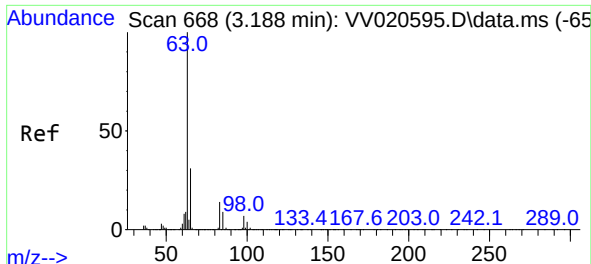
Tgt Ion: 96 Resp: 162815
Ion Ratio Lower Upper
96 100
61 141.7 103.1 191.5
98 64.8 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 51.18 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 73 Resp: 508021
Ion Ratio Lower Upper
73 100
43 22.1 17.3 25.9
57 23.4 17.9 26.9

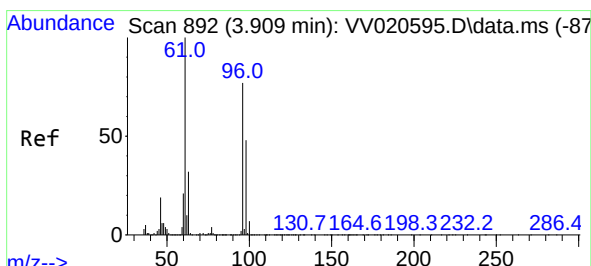
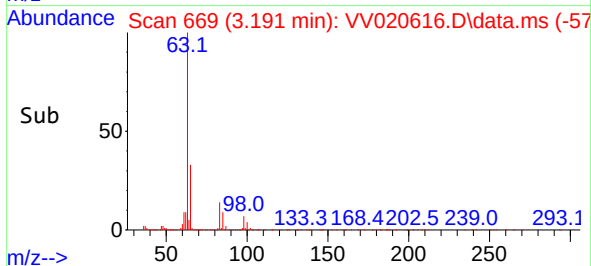
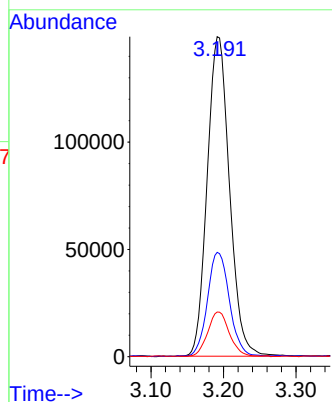
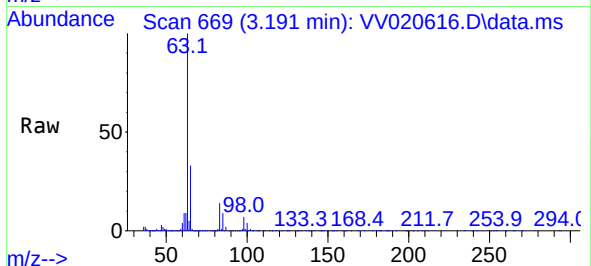




#19
1,1-Dichloroethane
Concen: 51.08 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

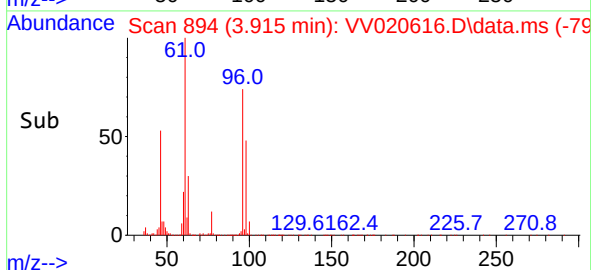
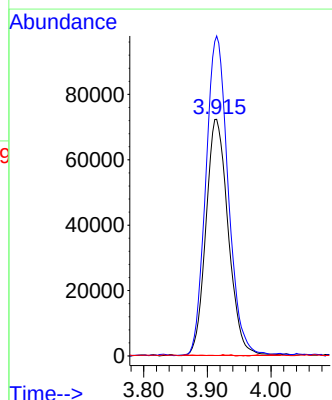
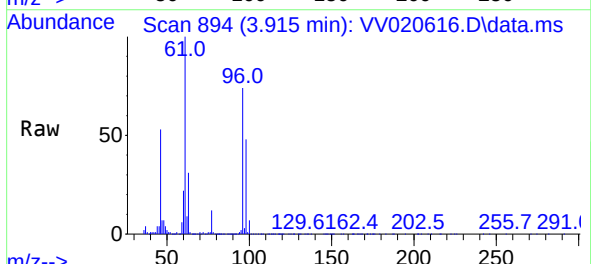
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

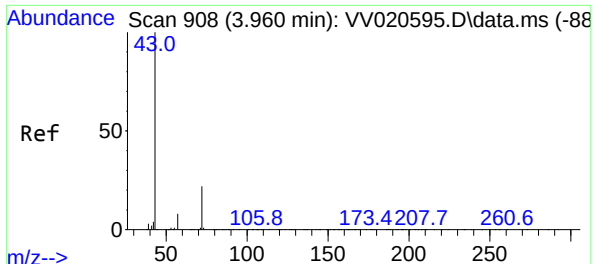
Tgt Ion: 63 Resp: 318123
Ion Ratio Lower Upper
63 100
65 32.6 21.9 40.7
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.19 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 96 Resp: 175860
Ion Ratio Lower Upper
96 100
61 135.2 96.9 179.9
68 0.2 0.0 0.0#

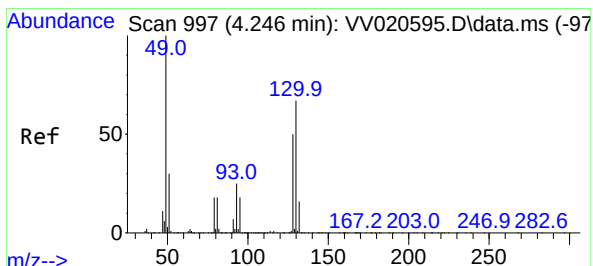
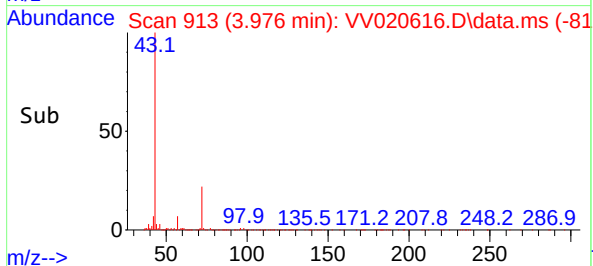
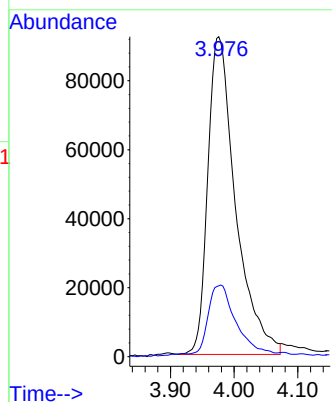
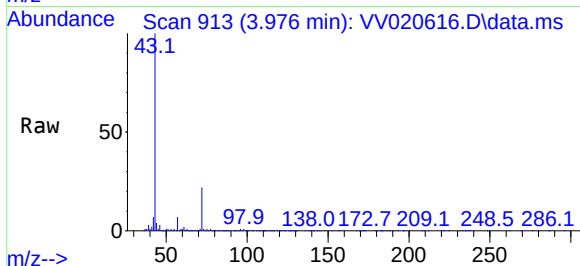




#22
2-Butanone
Concen: 105.79 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.016 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

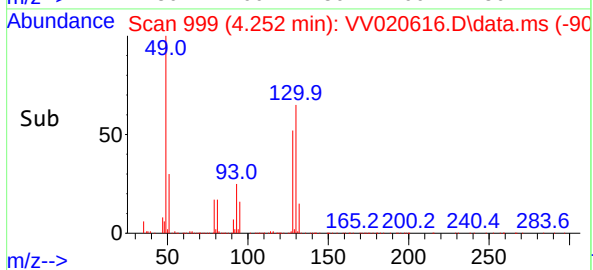
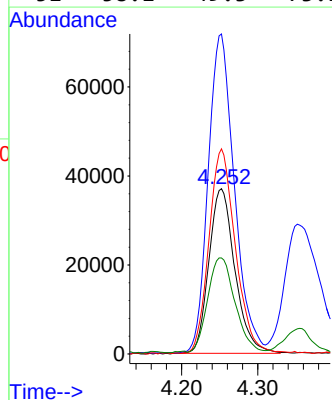
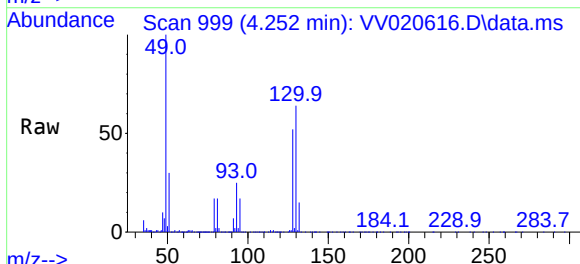
Instrument :
MSVOA_V
ClientSampled :
VSTD05077

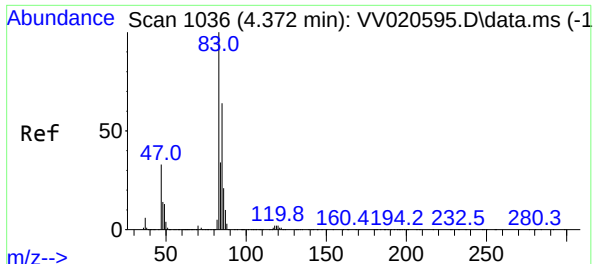
Tgt Ion: 43 Resp: 280077
Ion Ratio Lower Upper
43 100
72 21.0 12.2 36.6



#23
Bromochloromethane
Concen: 52.24 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 128 Resp: 87833
Ion Ratio Lower Upper
128 100
49 193.7 133.1 247.1
130 124.2 89.0 165.4
51 58.1 49.3 73.9



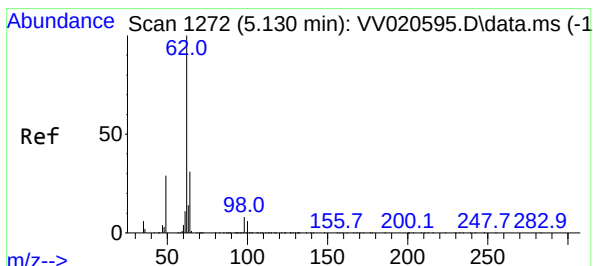
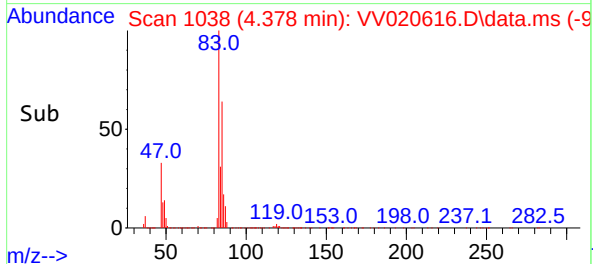
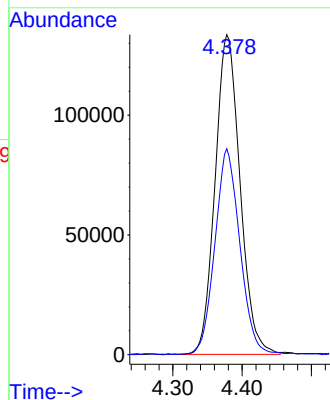
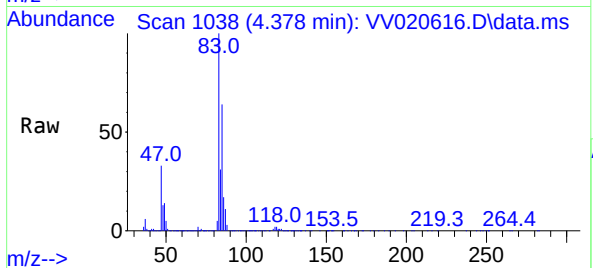


#25

Chloroform
Concen: 51.40 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

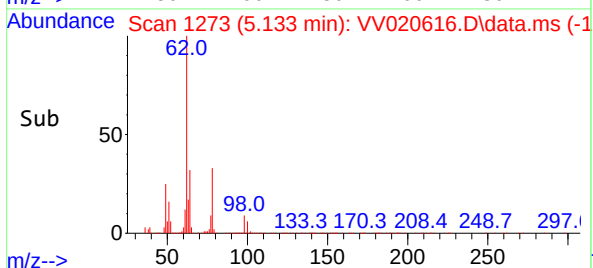
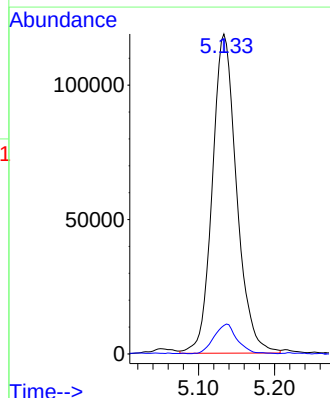
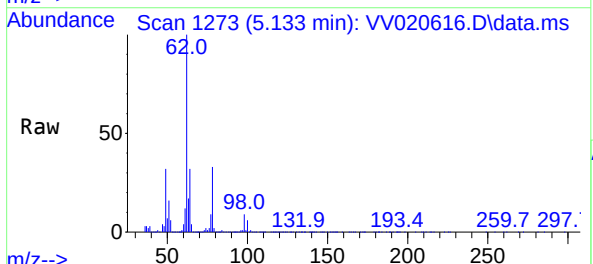
Tgt Ion: 83 Resp: 334384
Ion Ratio Lower Upper
83 100
85 64.3 44.2 82.2

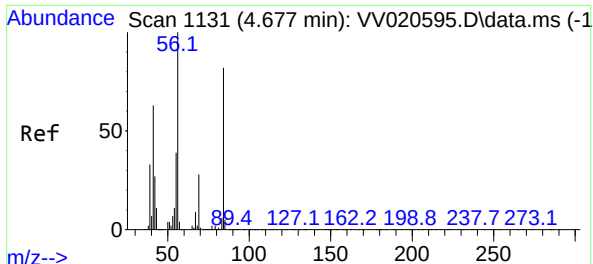


#27

1,2-Dichloroethane
Concen: 51.36 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 62 Resp: 263917
Ion Ratio Lower Upper
62 100
98 8.9 6.9 10.3

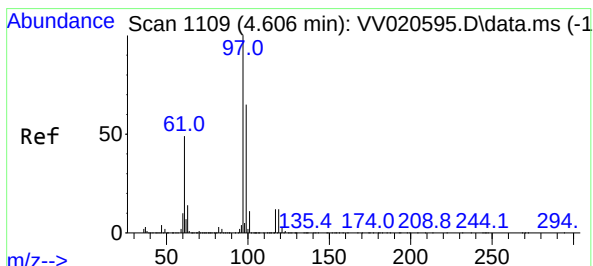
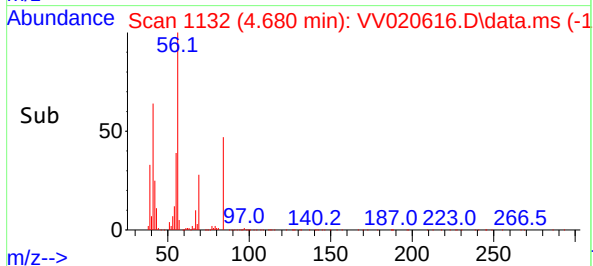
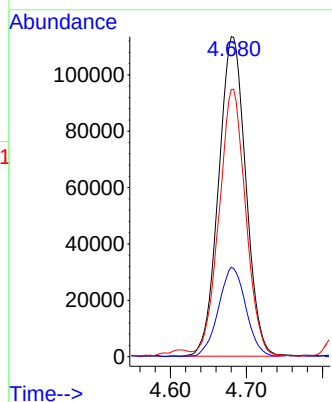
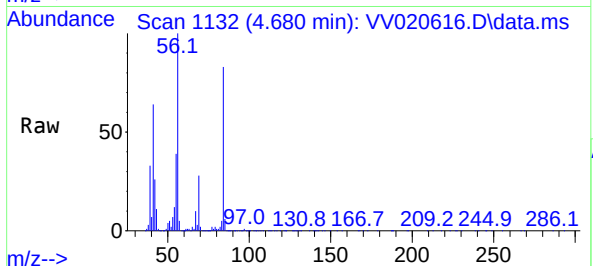




#29
Cyclohexane
Concen: 50.69 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

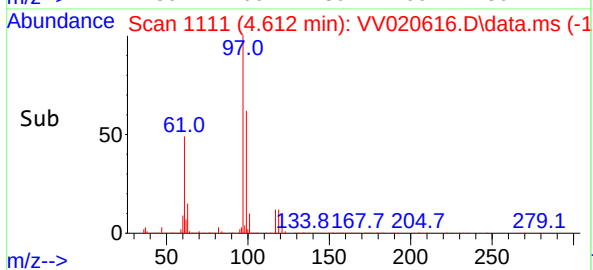
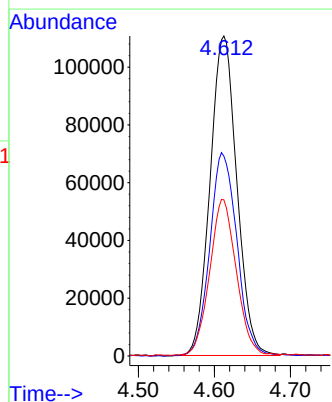
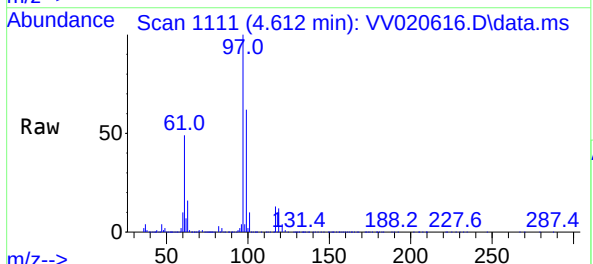
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

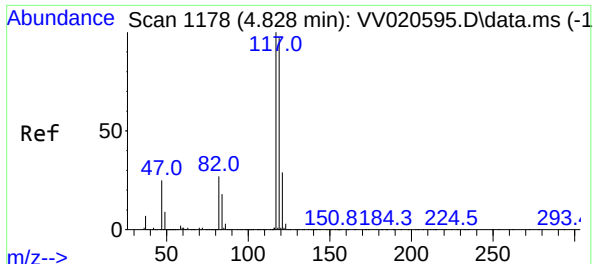
Tgt Ion: 56 Resp: 281036
Ion Ratio Lower Upper
56 100
69 27.9 24.2 36.2
84 81.9 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 49.53 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 97 Resp: 270955
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 48.2 38.5 57.7

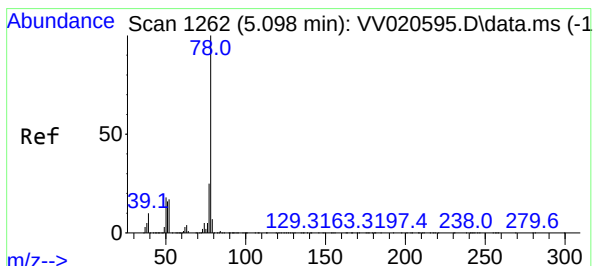
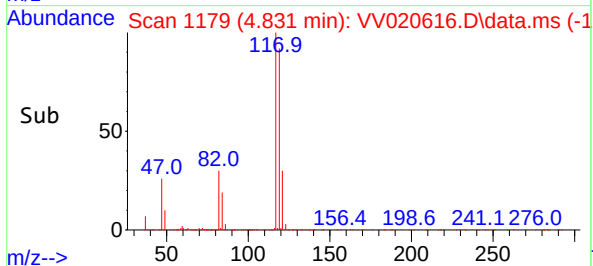
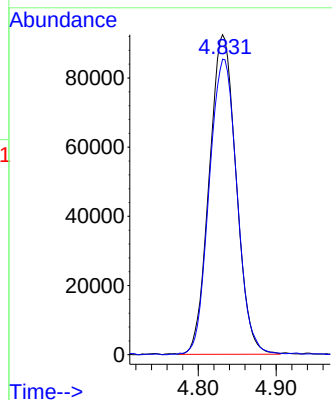
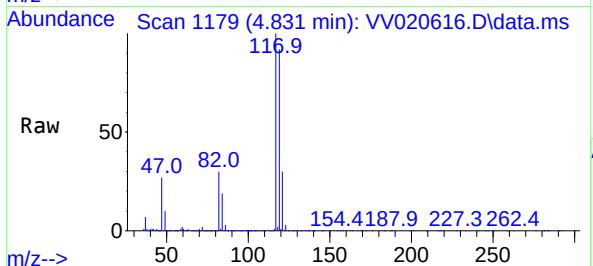




#31
Carbon tetrachloride
Concen: 49.83 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

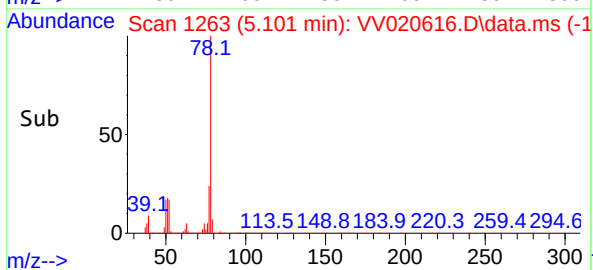
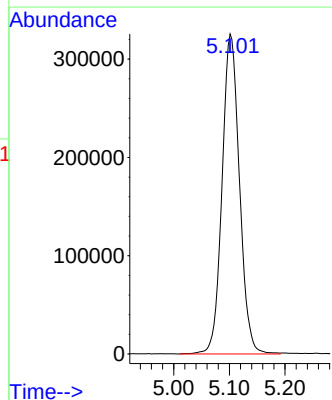
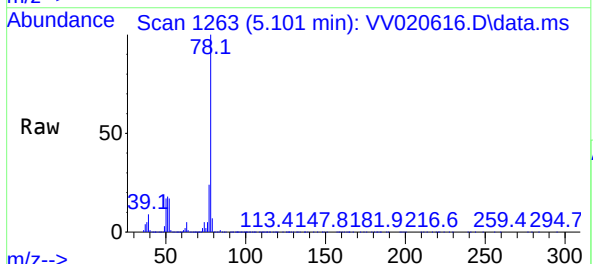
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

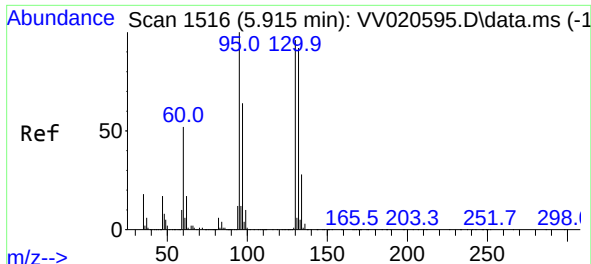
Tgt Ion:117 Resp: 221497
Ion Ratio Lower Upper
117 100
119 94.8 76.3 114.5



#33
Benzene
Concen: 51.77 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 78 Resp: 707088





#34

Trichloroethene

Concen: 49.37 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV020616.D

Acq: 15 Mar 2021 19:51

Tgt Ion: 95 Resp: 190260

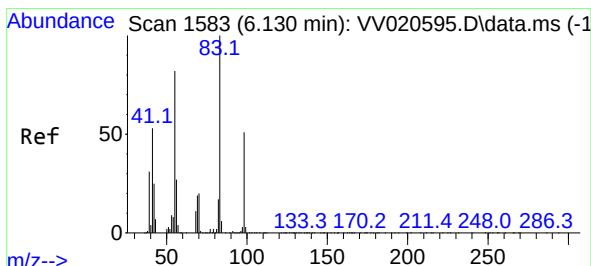
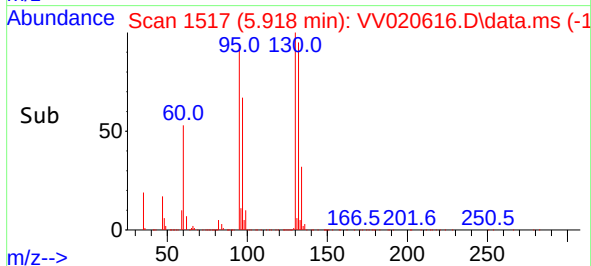
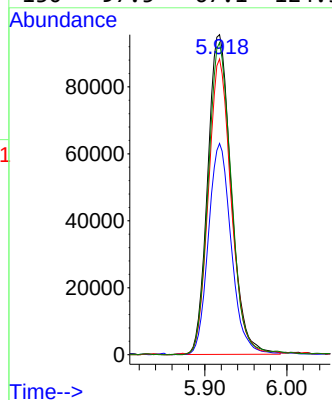
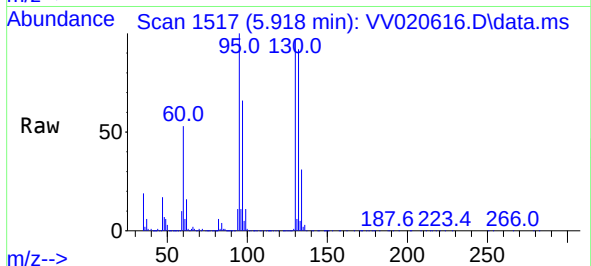
Ion Ratio Lower Upper

95 100

97 66.0 44.5 82.7

132 92.4 63.4 117.8

130 97.5 67.1 124.5



#35

Methylcyclohexane

Concen: 49.43 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV020616.D

Acq: 15 Mar 2021 19:51

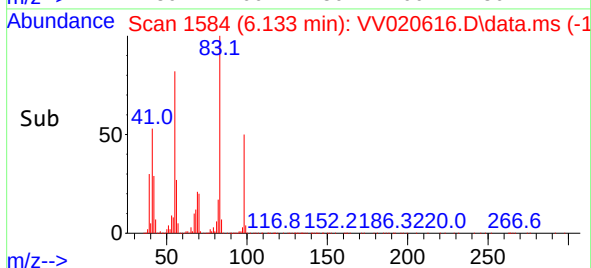
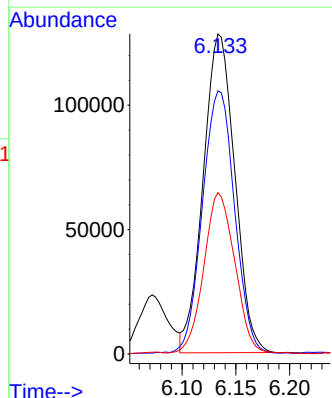
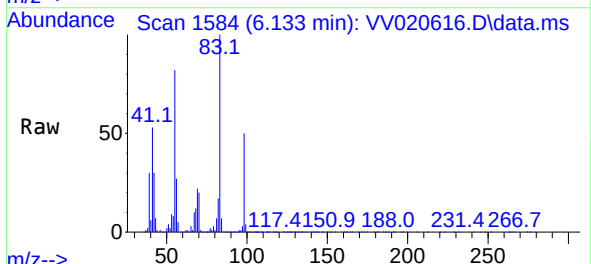
Tgt Ion: 83 Resp: 261839

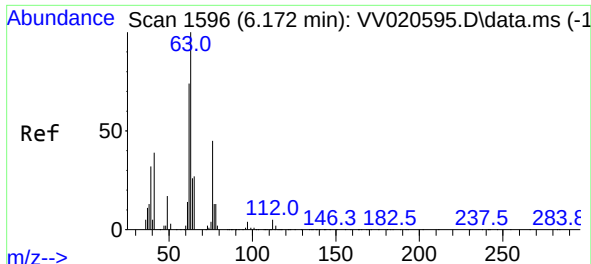
Ion Ratio Lower Upper

83 100

55 83.7 65.1 97.7

98 49.7 38.2 57.2

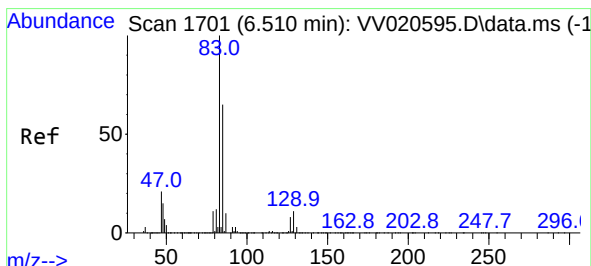
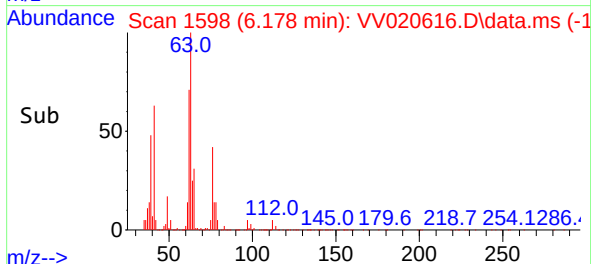
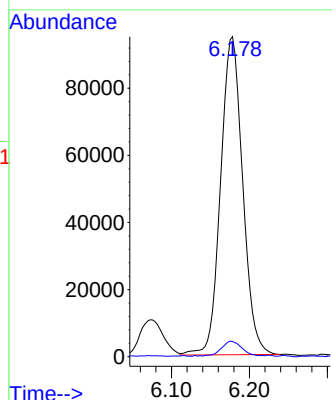
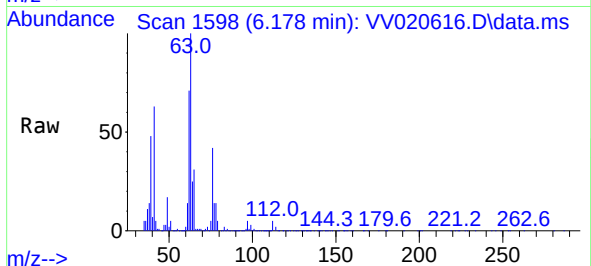




#37
1,2-Dichloropropane
Concen: 52.32 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

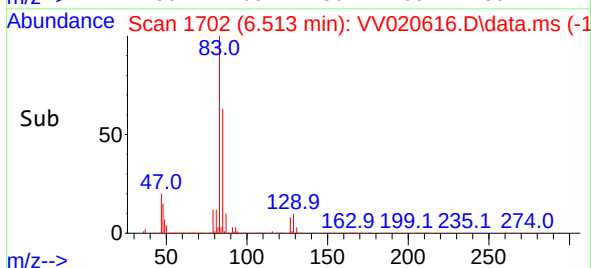
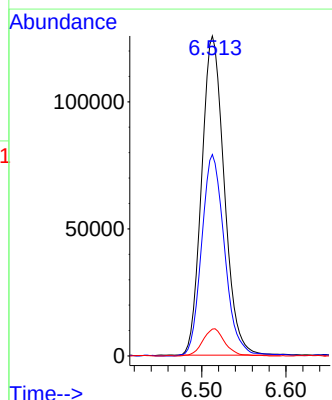
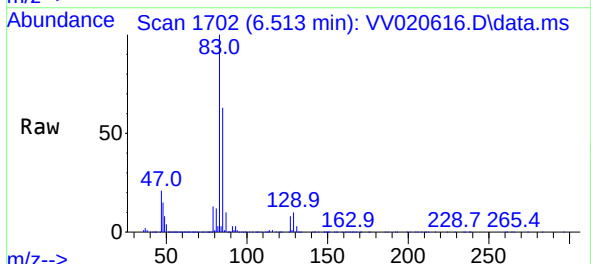
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

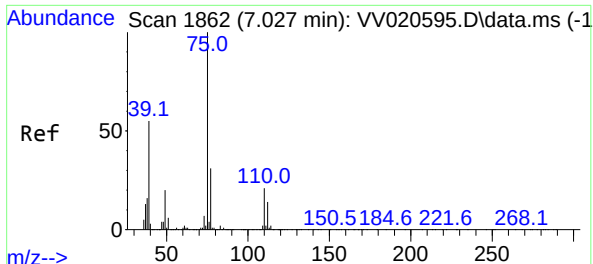
Tgt Ion: 63 Resp: 186576
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 49.96 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 83 Resp: 234609
Ion Ratio Lower Upper
83 100
85 63.0 44.5 82.7
127 8.4 6.3 9.5

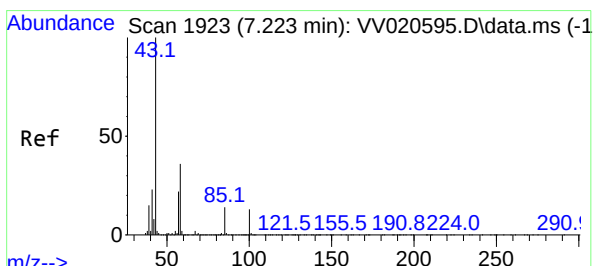
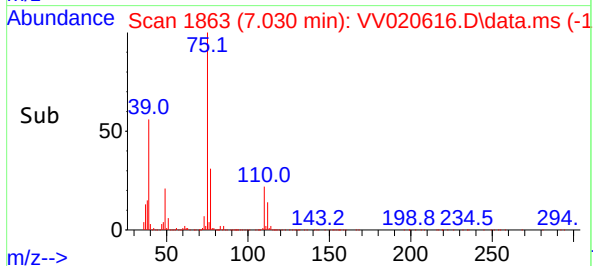
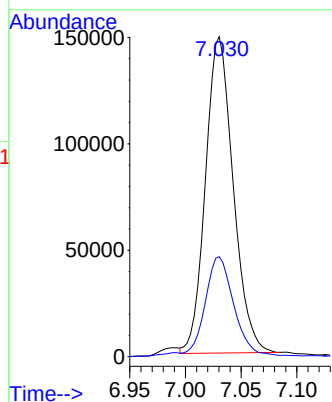
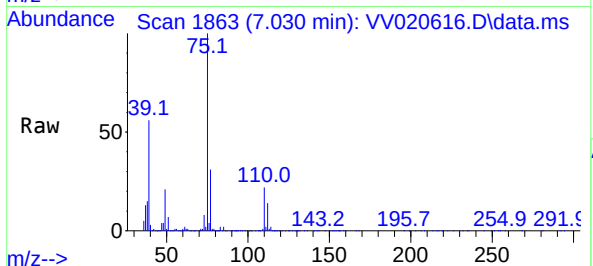




#39
cis-1,3-Dichloropropene
Concen: 48.65 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

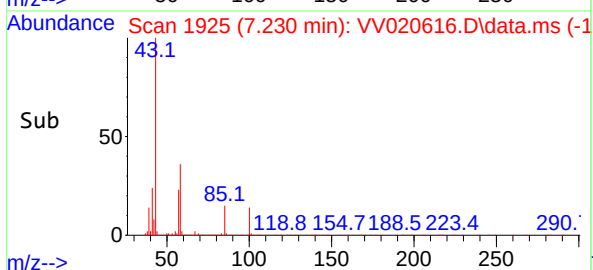
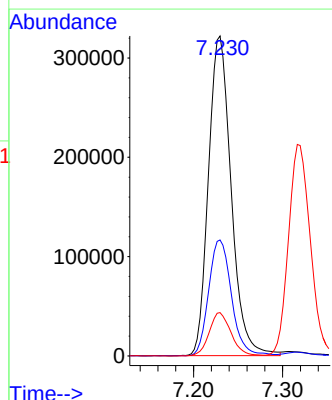
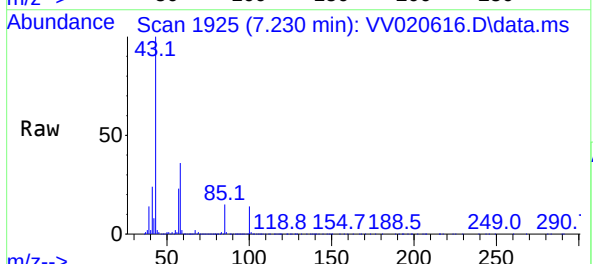
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

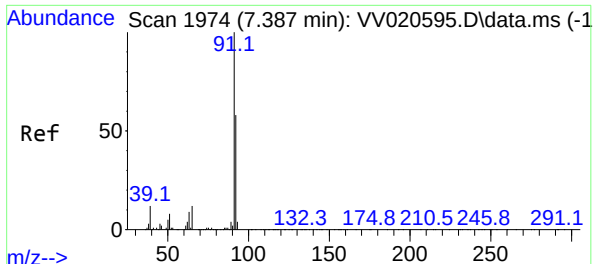
Tgt Ion: 75 Resp: 257352
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 106.28 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 43 Resp: 570042
Ion Ratio Lower Upper
43 100
58 36.3 30.7 46.1
100 13.1 11.6 17.4





#42

Toluene

Concen: 51.98 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV020616.D

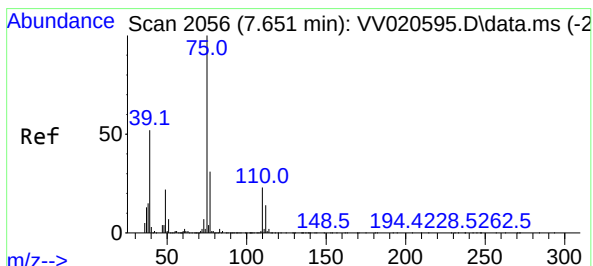
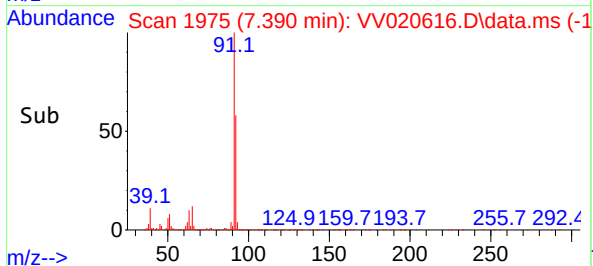
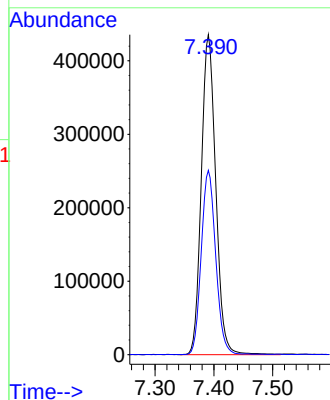
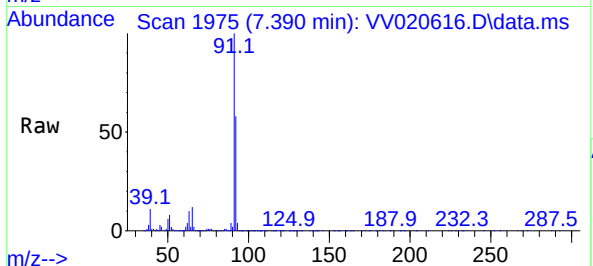
Acq: 15 Mar 2021 19:51

Tgt Ion: 91 Resp: 741188

Ion Ratio Lower Upper

91 100

92 57.6 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 51.54 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV020616.D

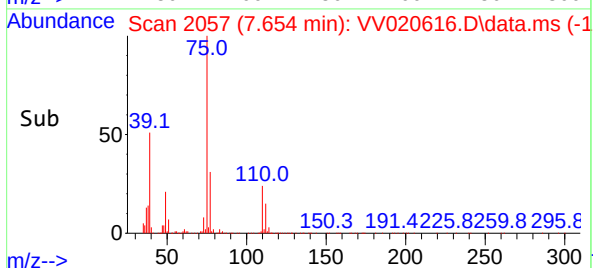
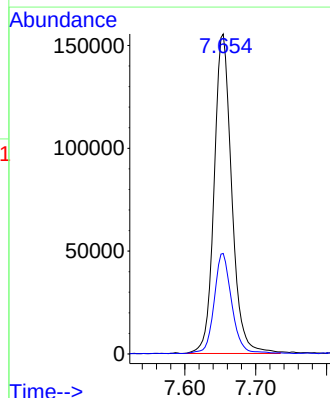
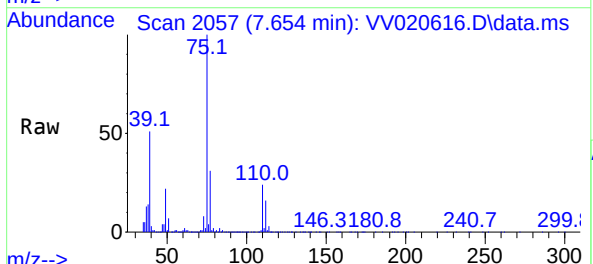
Acq: 15 Mar 2021 19:51

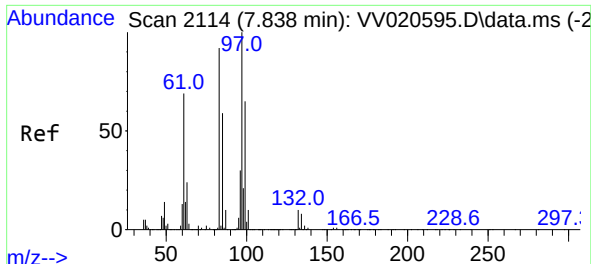
Tgt Ion: 75 Resp: 267984

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0



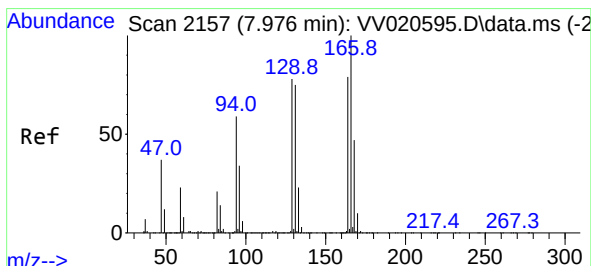
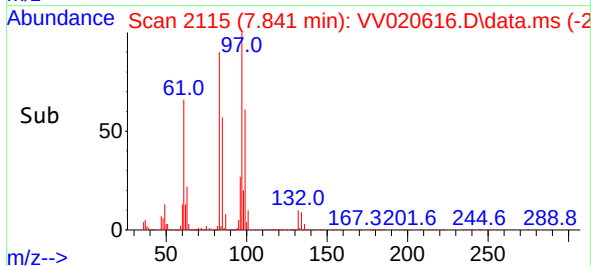
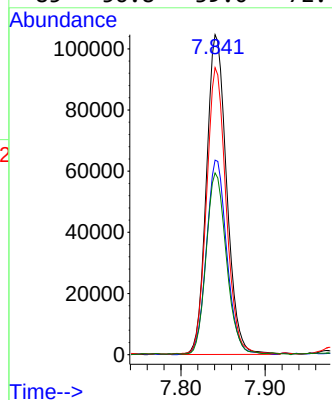
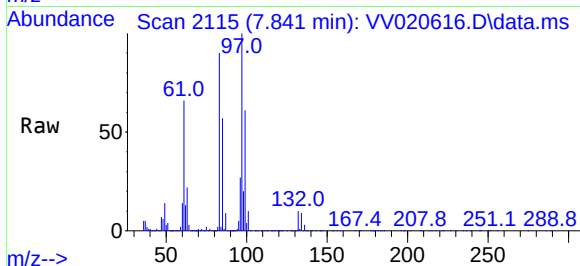


#45
1,1,2-Trichloroethane
Concen: 52.62 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Tgt Ion: 97 Resp: 174878

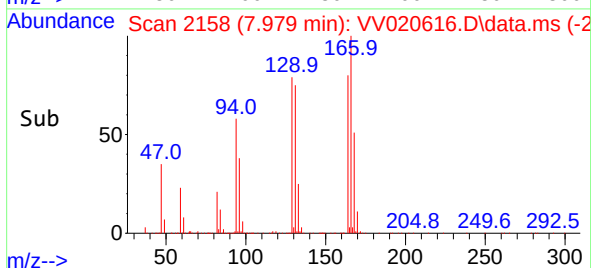
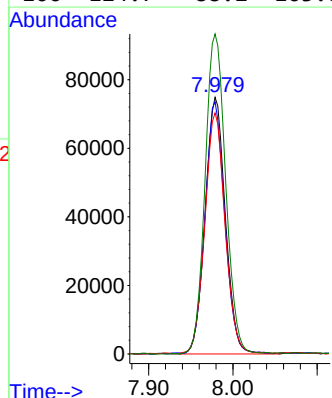
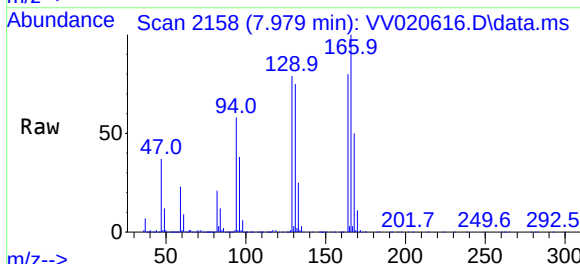
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.8	81.3
83	89.7	62.2	115.4
85	56.8	39.0	72.4

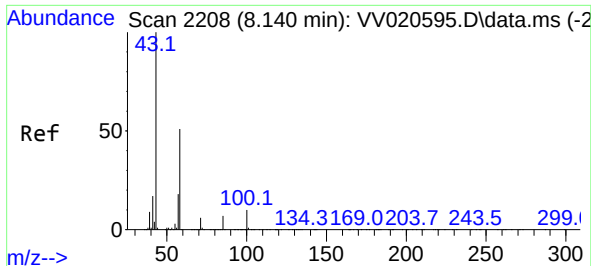


#46
Tetrachloroethene
Concen: 50.61 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 164 Resp: 125144

Ion	Ratio	Lower	Upper
164	100		
129	98.2	70.6	131.0
131	93.9	66.8	124.0
166	124.7	88.2	163.8



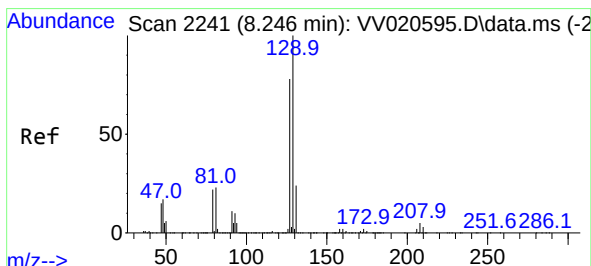
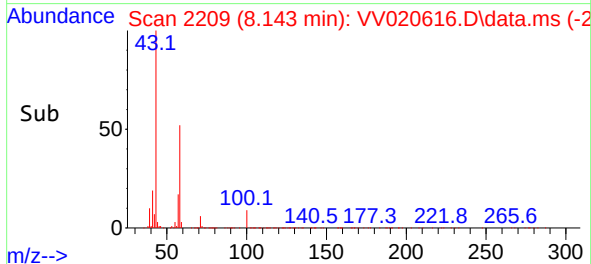
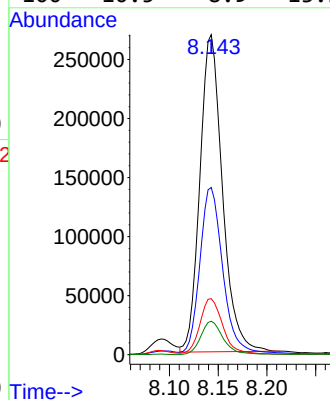
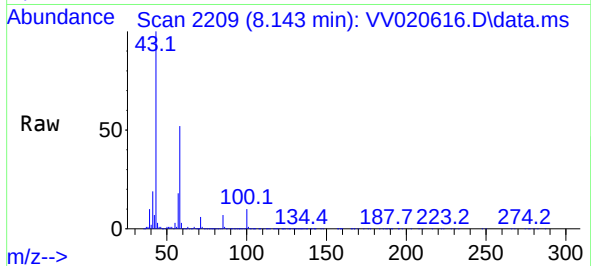


#48
2-Hexanone
Concen: 103.15 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Tgt Ion: 43 Resp: 432134

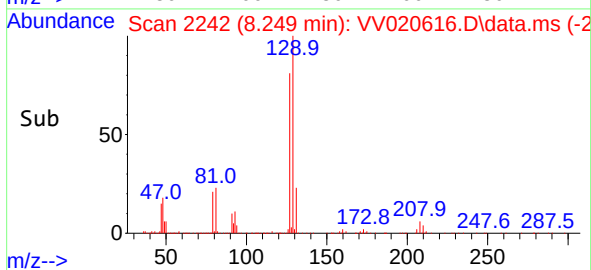
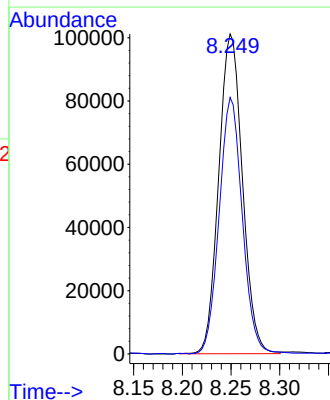
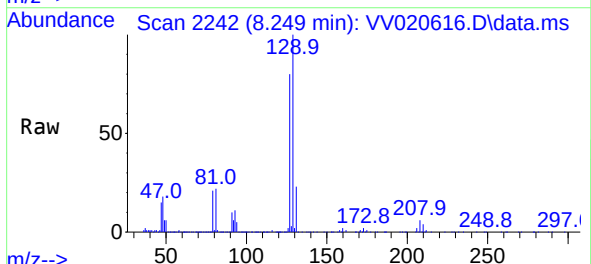
Ion	Ratio	Lower	Upper
43	100		
58	53.8	41.8	62.6
57	17.6	15.0	22.4
100	10.5	8.9	13.3

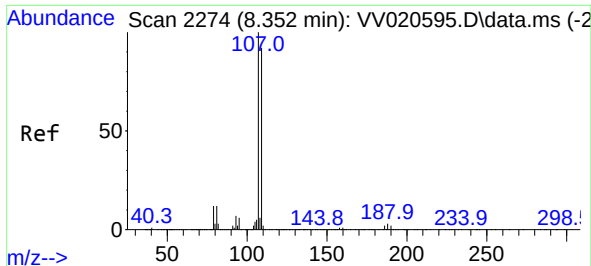


#49
Dibromochloromethane
Concen: 49.48 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 129 Resp: 171212

Ion	Ratio	Lower	Upper
129	100		
127	80.2	55.2	102.6





#50

1,2-Dibromoethane

Concen: 50.29 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV020616.D

Acq: 15 Mar 2021 19:51

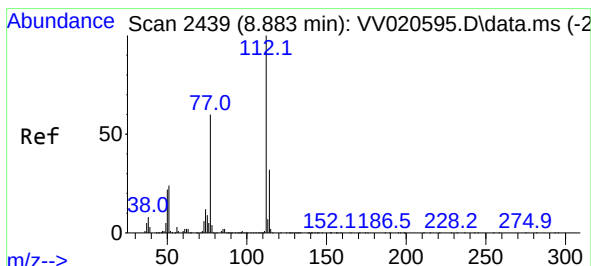
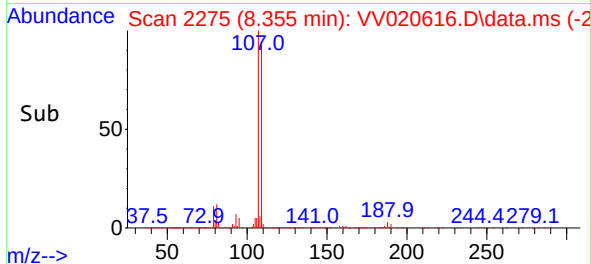
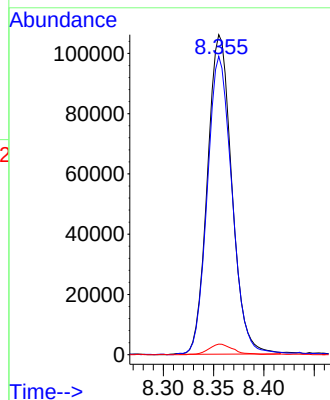
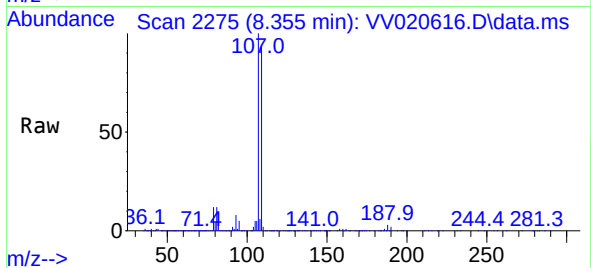
Tgt Ion:107 Resp: 178965

Ion Ratio Lower Upper

107 100

109 93.3 66.2 123.0

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 49.55 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VV020616.D

Acq: 15 Mar 2021 19:51

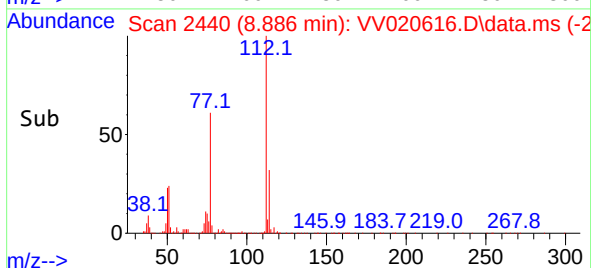
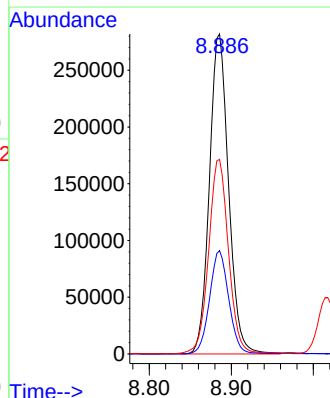
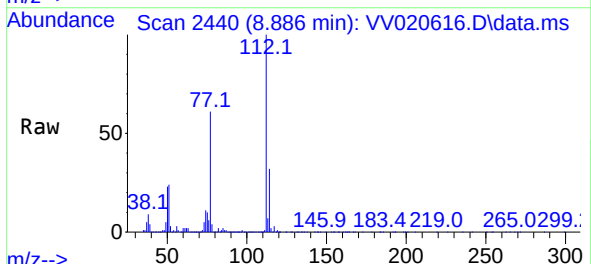
Tgt Ion:112 Resp: 457009

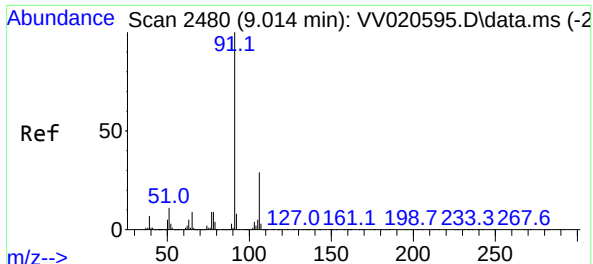
Ion Ratio Lower Upper

112 100

114 32.3 22.2 41.2

77 60.8 49.0 73.6

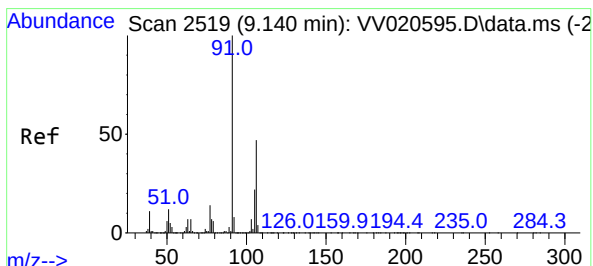
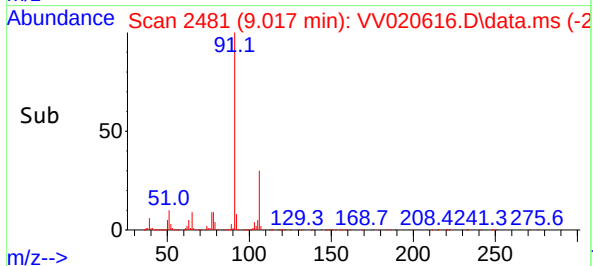
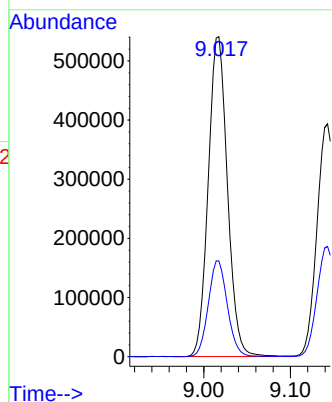
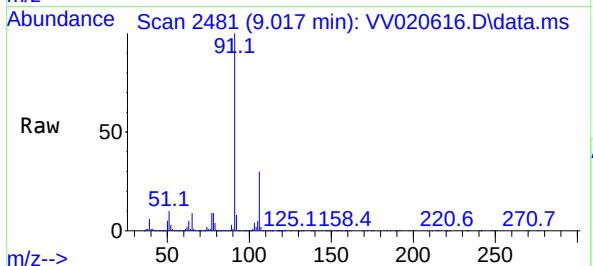




#52
Ethylbenzene
Concen: 51.59 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

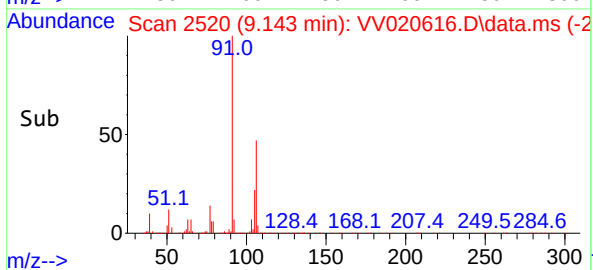
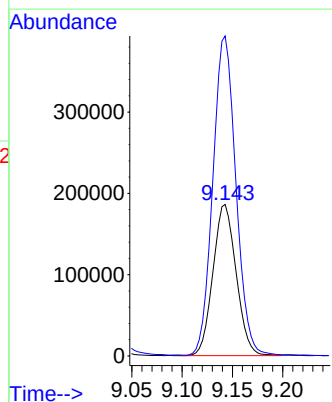
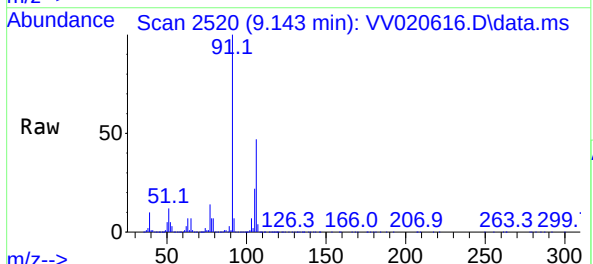
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

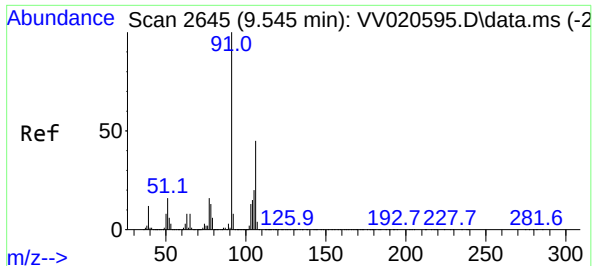
Tgt Ion: 91 Resp: 832692
Ion Ratio Lower Upper
91 100
106 29.9 21.0 39.0



#53
m,p-Xylene
Concen: 50.72 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 106 Resp: 298965
Ion Ratio Lower Upper
106 100
91 211.3 148.1 275.0





#54

o-xylene

Concen: 51.51 ug/L

RT: 9.548 min Scan# 2646

Delta R.T. 0.003 min

Lab File: VV020616.D

Acq: 15 Mar 2021 19:51

Tgt Ion:106 Resp: 293911

Ion Ratio Lower Upper

106 100

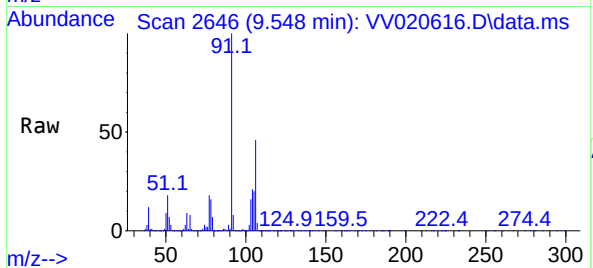
91 218.7 156.4 290.6

Instrument :

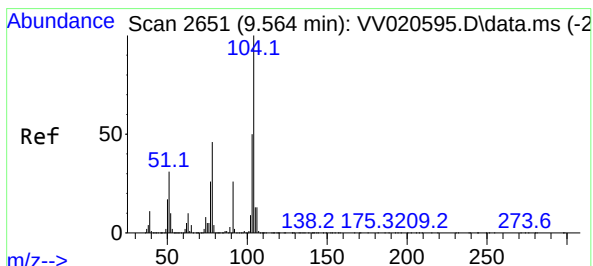
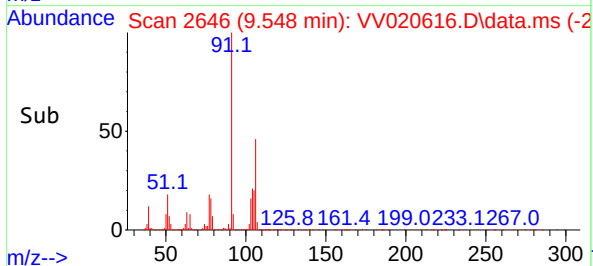
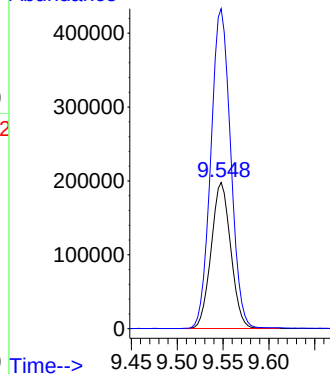
MSVOA_V

ClientSampleId :

VSTD05077



Abundance



#55

Styrene

Concen: 52.56 ug/L

RT: 9.564 min Scan# 2651

Delta R.T. -0.000 min

Lab File: VV020616.D

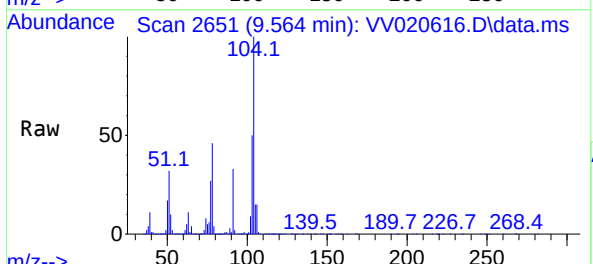
Acq: 15 Mar 2021 19:51

Tgt Ion:104 Resp: 523701

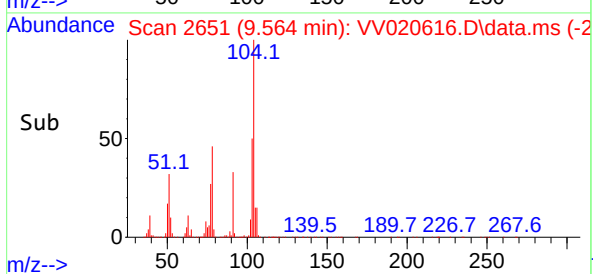
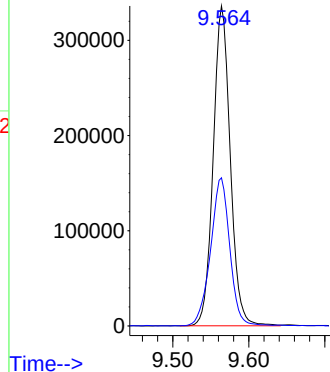
Ion Ratio Lower Upper

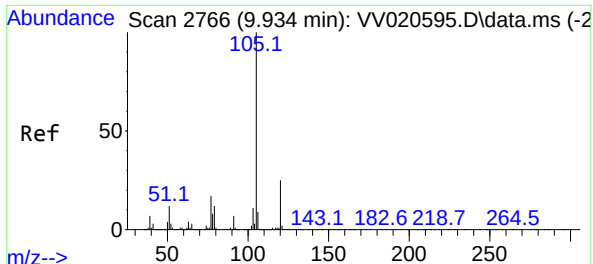
104 100

78 46.3 33.7 62.5



Abundance

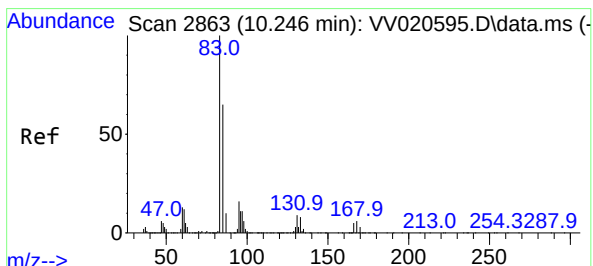
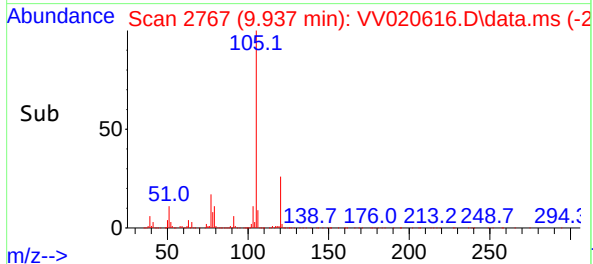
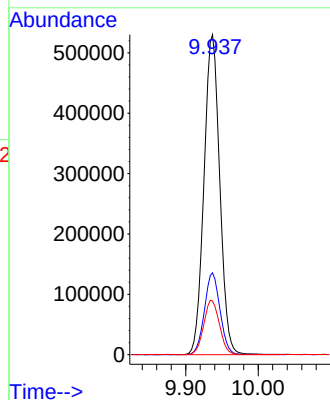
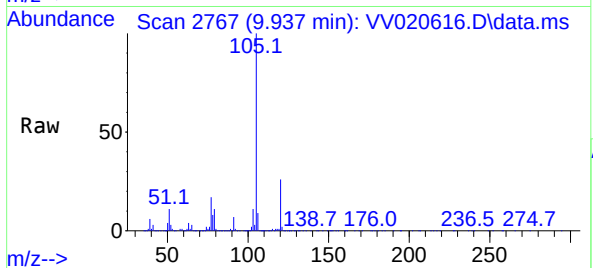




#56
Isopropylbenzene
Concen: 51.83 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

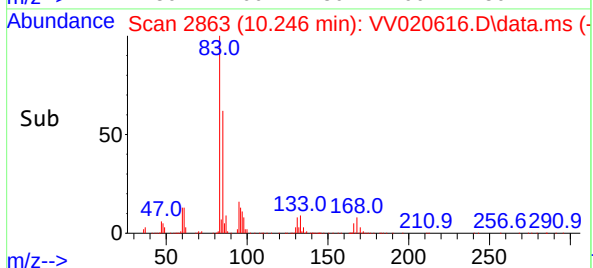
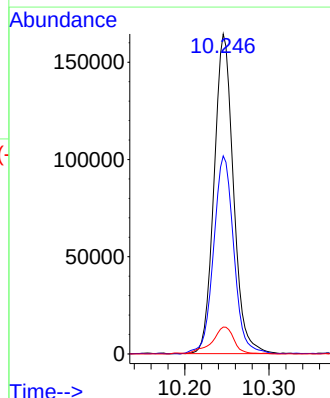
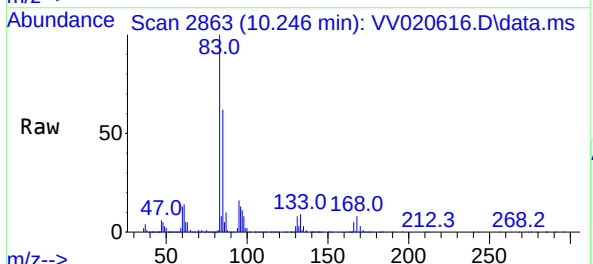
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

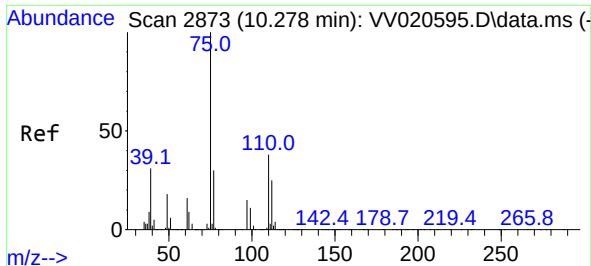
Tgt Ion:105 Resp: 800236
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 16.9 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 53.11 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 83 Resp: 262111
Ion Ratio Lower Upper
83 100
85 61.9 44.3 82.3
131 8.4 7.3 10.9

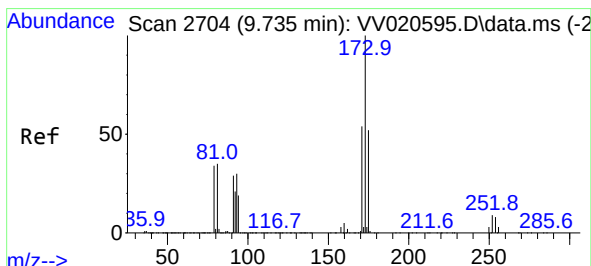
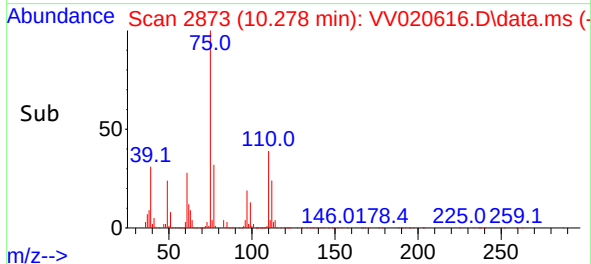
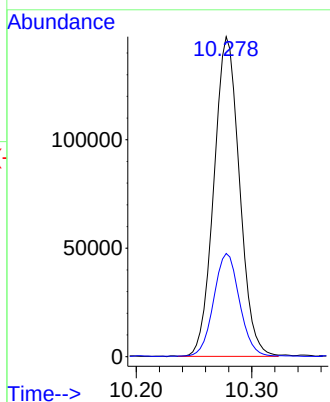
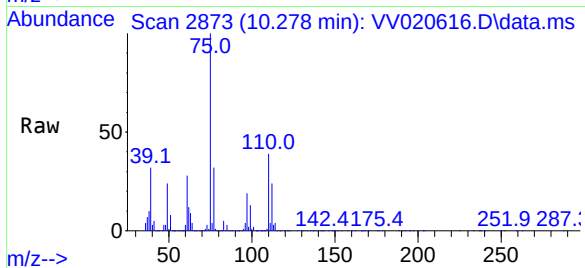




#59
1,2,3-Trichloropropane
Concen: 50.20 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

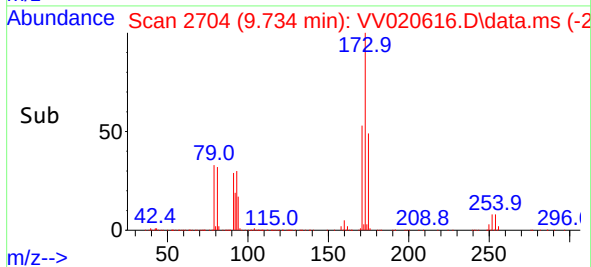
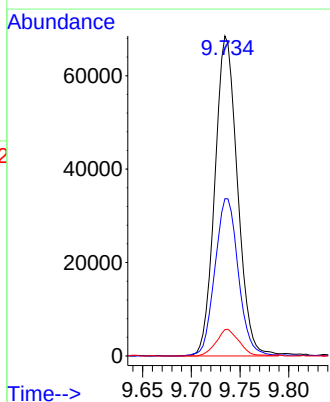
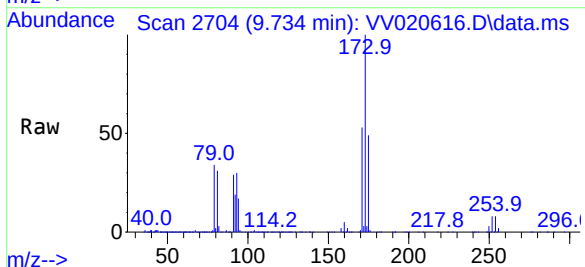
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

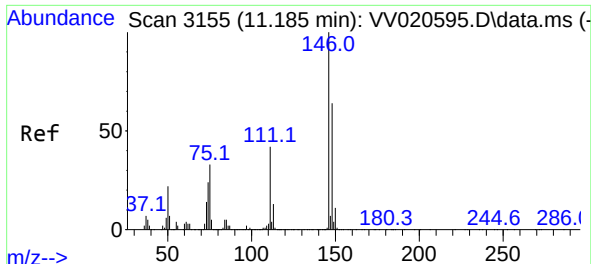
Tgt Ion: 75 Resp: 226877
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0



#61
Bromoform
Concen: 48.70 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 173 Resp: 110711
Ion Ratio Lower Upper
173 100
175 51.0 38.6 57.8
254 8.4 6.5 9.7

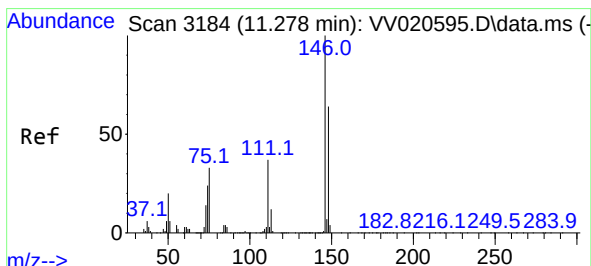
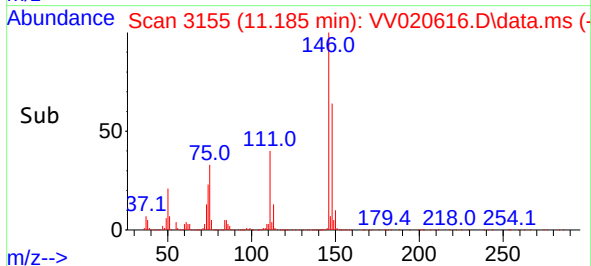
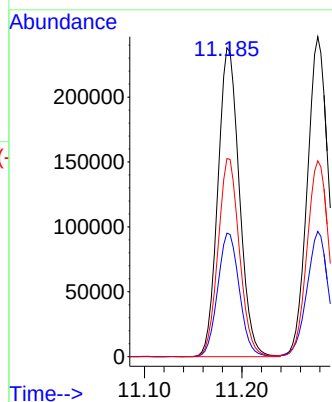
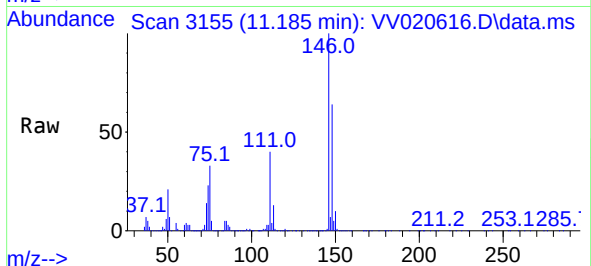




#62
1,3-Dichlorobenzene
Concen: 50.01 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

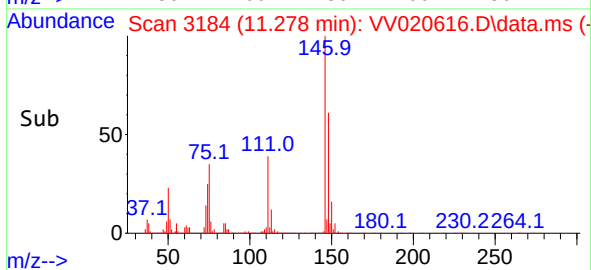
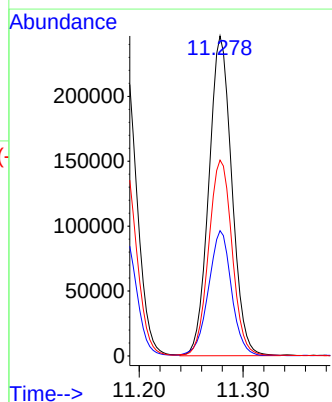
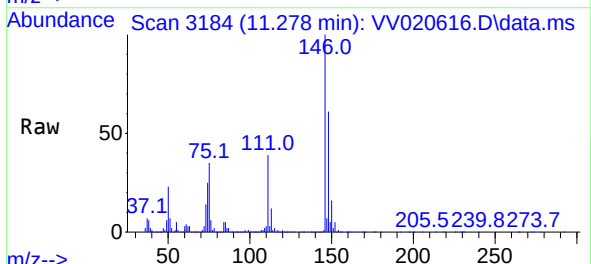
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

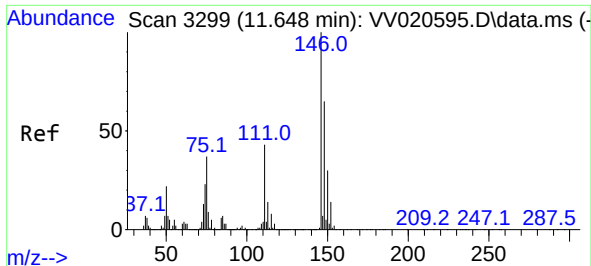
Tgt Ion:146 Resp: 364286
Ion Ratio Lower Upper
146 100
111 40.0 30.2 56.2
148 64.1 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.76 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion:146 Resp: 378298
Ion Ratio Lower Upper
146 100
111 39.1 29.4 54.6
148 61.2 44.7 83.1

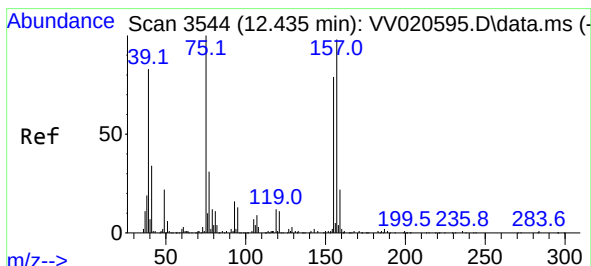
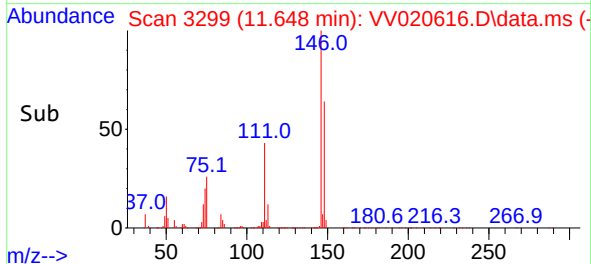
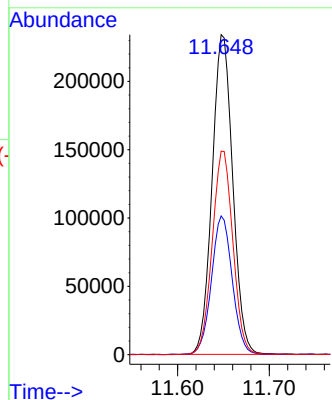
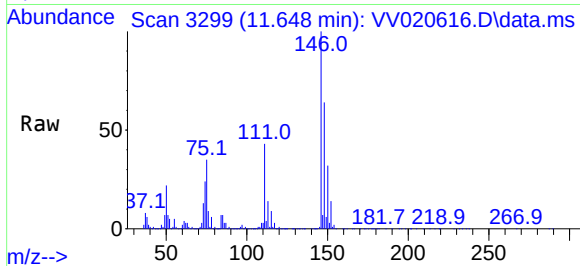




#65
1,2-Dichlorobenzene
Concen: 50.44 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

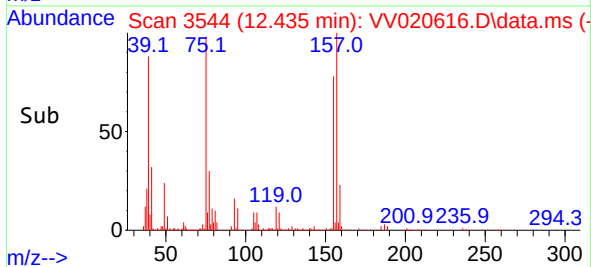
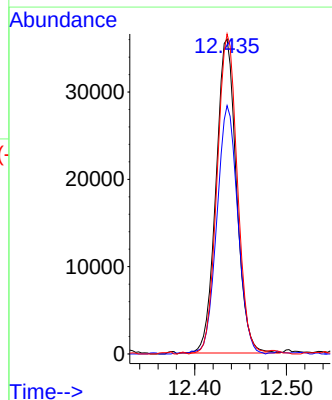
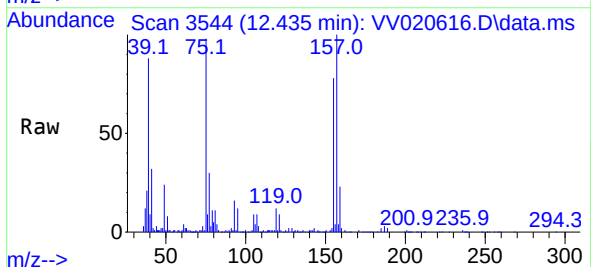
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

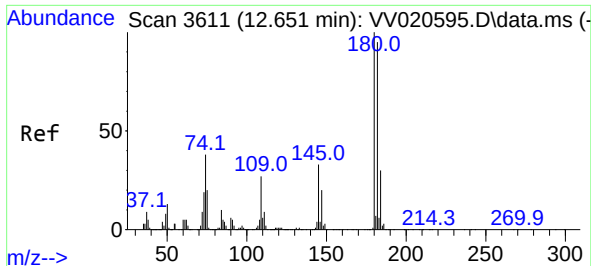
Tgt Ion:146 Resp: 365743
Ion Ratio Lower Upper
146 100
111 43.4 36.3 54.5
148 63.6 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 50.88 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion: 75 Resp: 55708
Ion Ratio Lower Upper
75 100
155 78.8 59.1 88.7
157 101.6 75.4 113.0

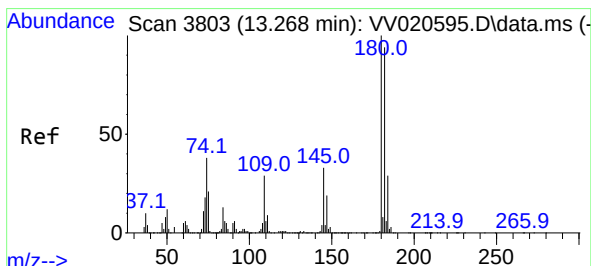
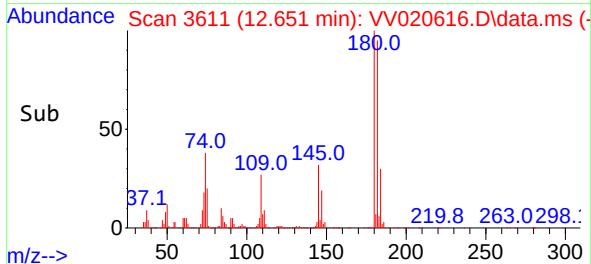
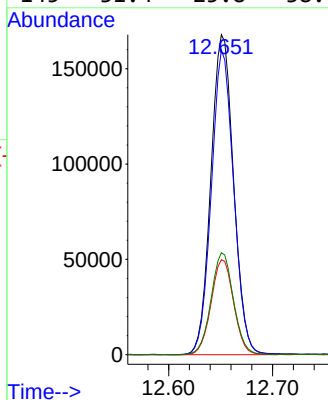
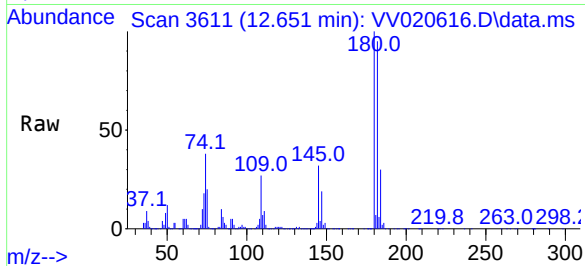




#67
1,3,5-Trichlorobenzene
Concen: 49.14 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

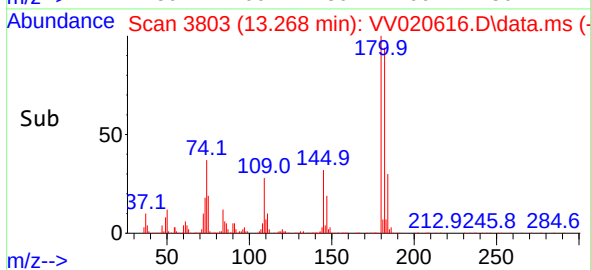
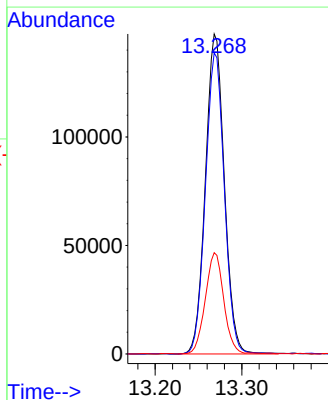
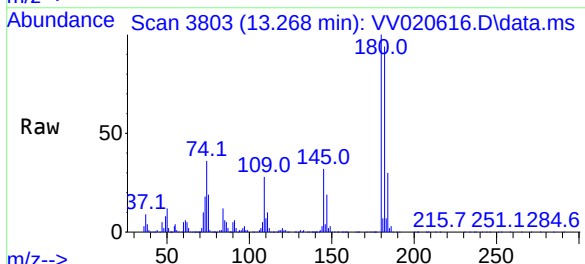
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

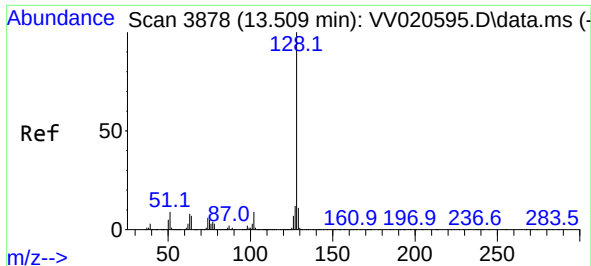
Tgt Ion:	180	Resp:	254907
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.0	112.6
184	29.4	24.0	36.0
145	31.4	25.8	38.6



#68
1,2,4-trichlorobenzene
Concen: 49.83 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion:	180	Resp:	224382
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.1	112.7
145	30.7	26.8	40.2

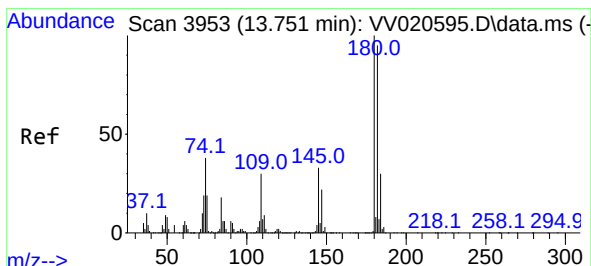
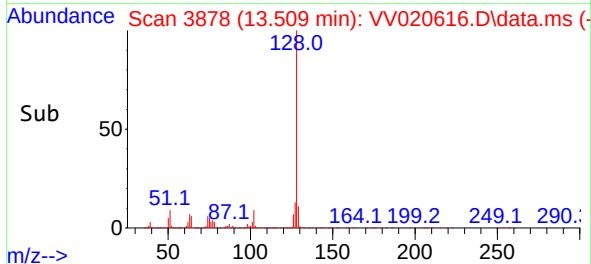
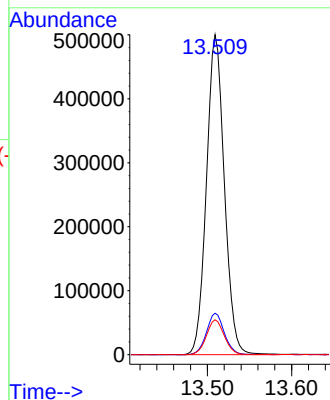
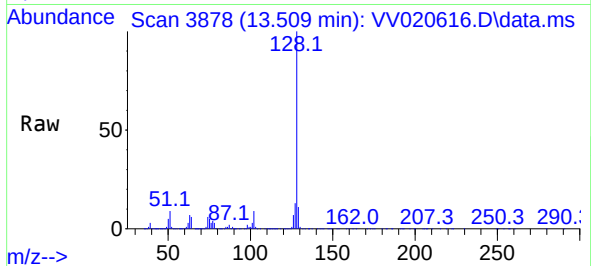




#69
Naphthalene
Concen: 50.54 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Tgt Ion:128 Resp: 740082
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 49.76 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020616.D
Acq: 15 Mar 2021 19:51

Tgt Ion:180 Resp: 222148
Ion Ratio Lower Upper
180 100
182 95.9 76.1 114.1
145 33.6 27.9 41.9

