

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020565.D
 Acq On : 12 Mar 2021 14:49
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Mar 12 15:31:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:29:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	468019	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	461355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	235046	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	188858	53.88	ug/L	0.00
7) Chloroethane-d5	1.571	69	152944	55.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	359059	59.27	ug/L	0.00
21) 2-Butanone-d5	3.899	46	263027	138.36	ug/L	0.00
24) Chloroform-d	4.352	84	335620	55.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	223840	58.97	ug/L	0.00
32) Benzene-d6	5.053	84	658694	55.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	210986	57.84	ug/L	0.00
41) Toluene-d8	7.320	98	589529	52.40	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	101931	58.89	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	168509	128.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	263472	55.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.631	152	223090	48.85	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	193755	46.10	ug/L	100
3) Chloromethane	1.243	50	231862	59.40	ug/L	99
5) Vinyl chloride	1.314	62	224651	55.57	ug/L	100
6) Bromomethane	1.526	94	132779	49.32	ug/L	96
8) Chloroethane	1.587	64	139664	60.22	ug/L	100
9) Trichlorofluoromethane	1.754	101	297962	51.75	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	164386	52.91	ug/L	98
12) 1,1-Dichloroethene	2.121	96	158468	51.81	ug/L	86
13) Acetone	2.191	43	198269	144.50	ug/L	95
14) Carbon disulfide	2.297	76	476554	54.89	ug/L	99
15) Methyl Acetate	2.439	43	210054	70.37	ug/L	95
16) Methylene chloride	2.510	84	184942	55.17	ug/L	95
17) trans-1,2-Dichloroethene	2.764	96	172358	53.89	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	526858	59.16	ug/L	99
19) 1,1-Dichloroethane	3.195	63	329444	59.69	ug/L	99
22) 2-Butanone	3.979	43	292390	145.55	ug/L	95
23) Bromochloromethane	4.252	128	90244	48.24	ug/L	98
25) Chloroform	4.378	83	341011	56.33	ug/L	96
27) 1,2-Dichloroethane	5.133	62	269869	59.85	ug/L	99
29) Cyclohexane	4.680	56	294610	66.06	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	283559	54.98	ug/L	100
31) Carbon tetrachloride	4.831	117	233331	51.68	ug/L	100
33) Benzene	5.101	78	725013	57.83	ug/L	100
34) Trichloroethene	5.918	95	202533	54.53	ug/L	99
35) Methylcyclohexane	6.137	83	280976	57.87	ug/L	100
37) 1,2-Dichloropropane	6.178	63	186573	59.15	ug/L	100
38) Bromodichloromethane	6.513	83	241514	57.03	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	279717	58.78	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	590685	150.62	ug/L	96
42) Toluene	7.391	91	765461	56.18	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	279273	59.99	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	178821	54.15	ug/L	98

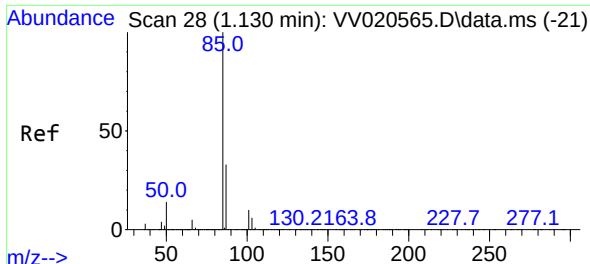
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031321\
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 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:29:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.979	164	129496	43.89	ug/L	99
48) 2-Hexanone	8.143	43	454254	148.91	ug/L	96
49) Dibromochloromethane	8.249	129	181736	51.15	ug/L	95
50) 1,2-Dibromoethane	8.355	107	182043	51.73	ug/L	100
51) Chlorobenzene	8.886	112	470989	49.97	ug/L	98
52) Ethylbenzene	9.017	91	865319	57.26	ug/L	99
53) m,p-Xylene	9.143	106	310385	53.72	ug/L	99
54) o-xylene	9.548	106	302255	54.33	ug/L	97
55) Styrene	9.564	104	540910	56.17	ug/L	97
56) Isopropylbenzene	9.937	105	829677	55.88	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	259024	56.91	ug/L	97
59) 1,2,3-Trichloropropane	10.278	75	236579	56.58	ug/L	99
61) Bromoform	9.734	173	118636	50.30	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	376402	52.53	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	382128	51.15	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	366916	50.91	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	56633	62.23	ug/L	91
67) 1,3,5-Trichlorobenzene	12.651	180	263568	48.17	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	233700	49.51	ug/L	98
69) Naphthalene	13.509	128	779554	59.91	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	233846	49.11	ug/L	99

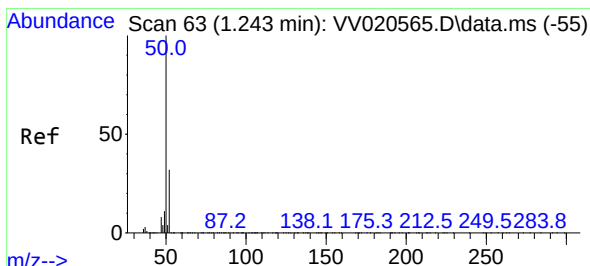
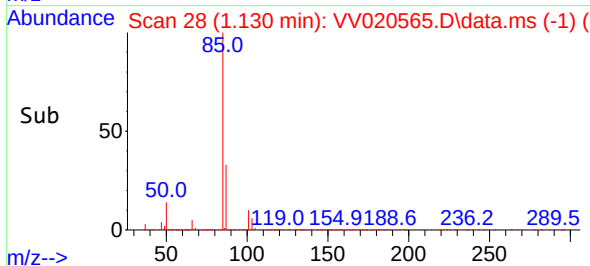
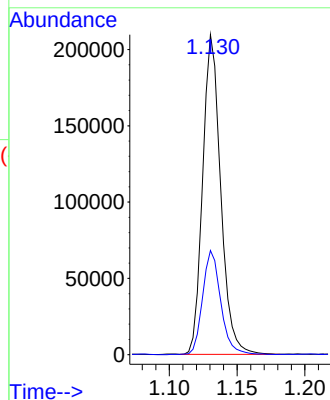
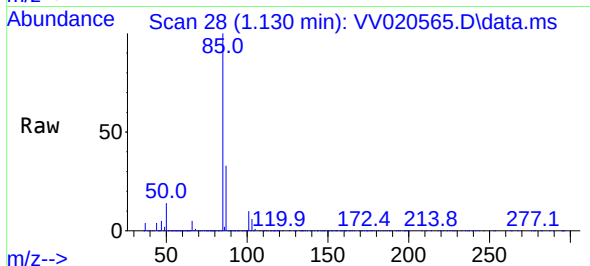
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 46.10 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

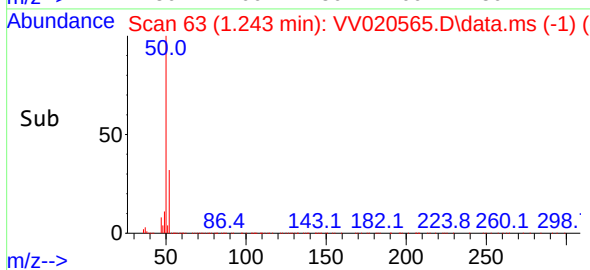
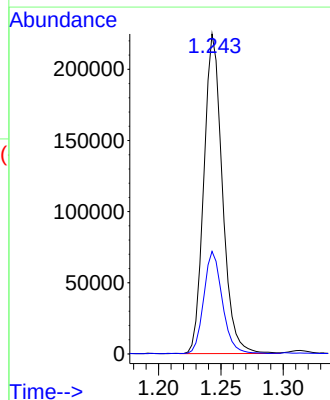
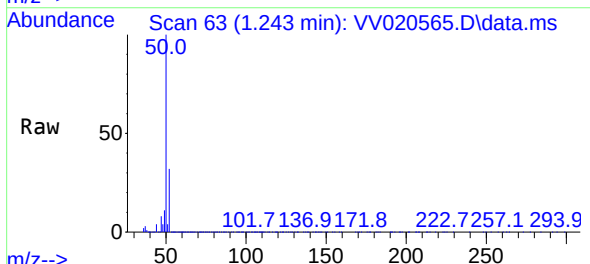
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

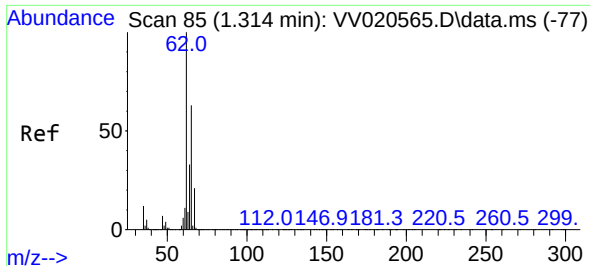
Tgt Ion: 85 Resp: 193755
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 59.40 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 50 Resp: 231862
Ion Ratio Lower Upper
50 100
52 32.1 22.7 42.1



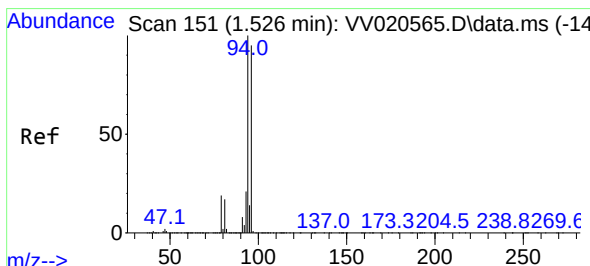
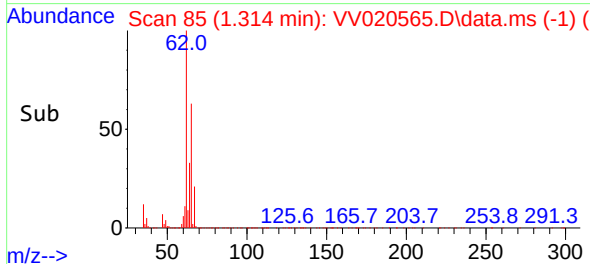
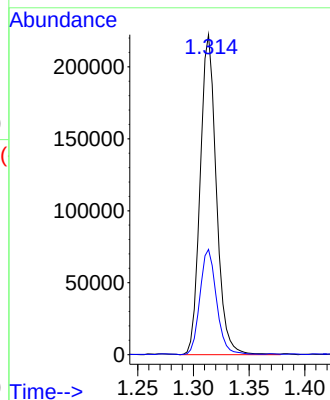
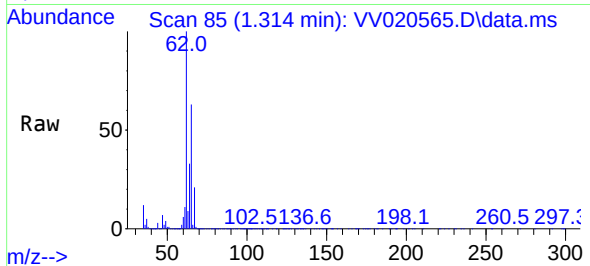


#5
 Vinyl chloride
 Concen: 55.57 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020565.D
 Acq: 12 Mar 2021 14:49

Instrument :
 MSVOA_V
 ClientSampleID :
 VSTD05065

Tgt Ion: 62 Resp: 224651

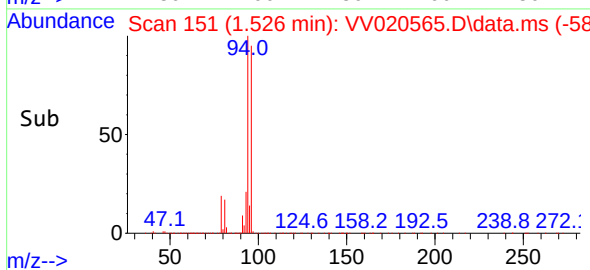
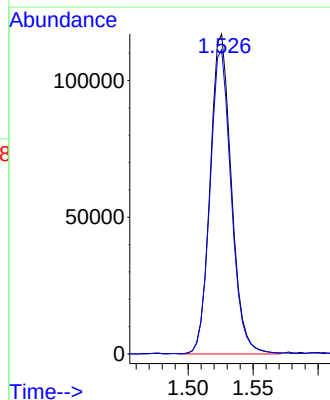
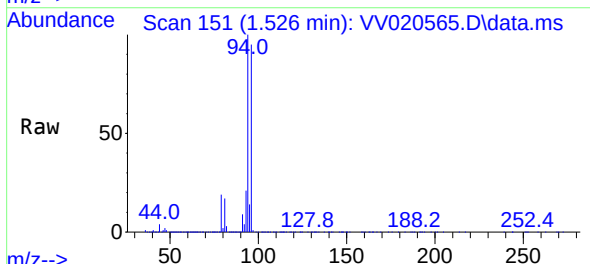
Ion	Ratio	Lower	Upper
62	100		
64	32.9	23.0	42.6

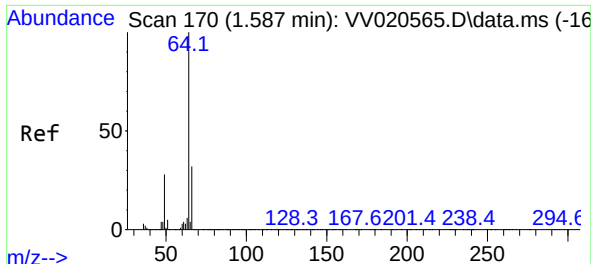


#6
 Bromomethane
 Concen: 49.32 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV020565.D
 Acq: 12 Mar 2021 14:49

Tgt Ion: 94 Resp: 132779

Ion	Ratio	Lower	Upper
94	100		
96	95.1	63.6	118.2

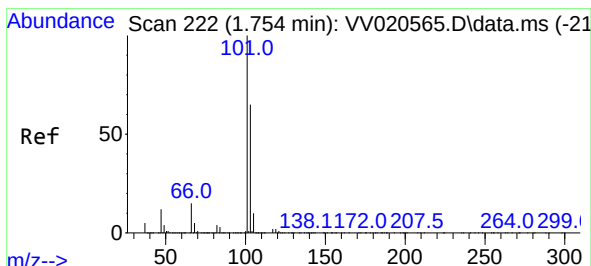
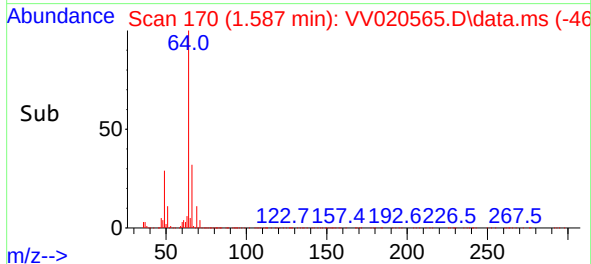
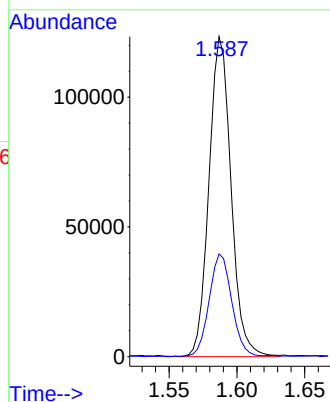
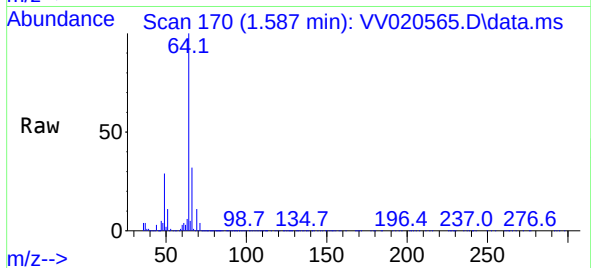




#8
Chloroethane
Concen: 60.22 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

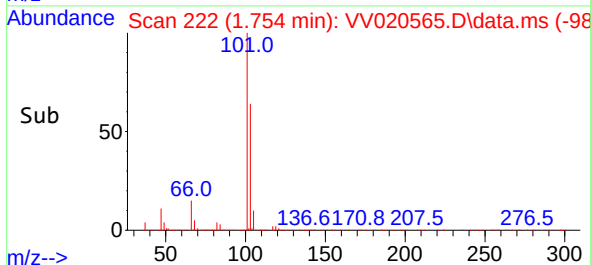
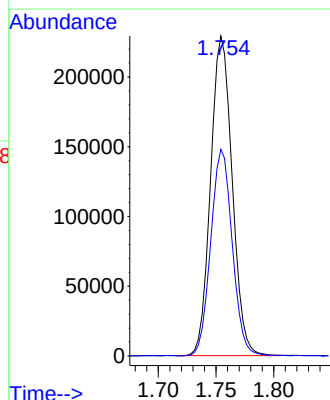
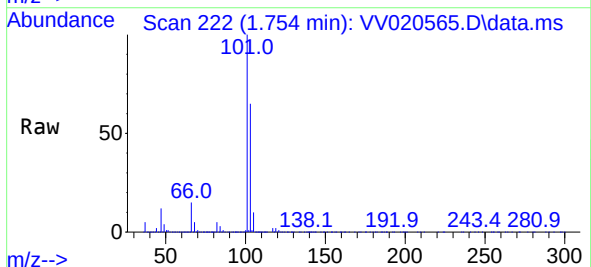
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

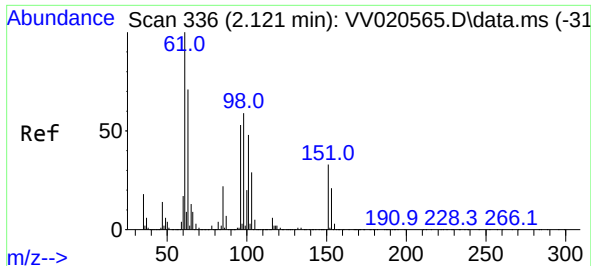
Tgt Ion: 64 Resp: 139664
Ion Ratio Lower Upper
64 100
66 32.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 51.75 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 101 Resp: 297962
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5



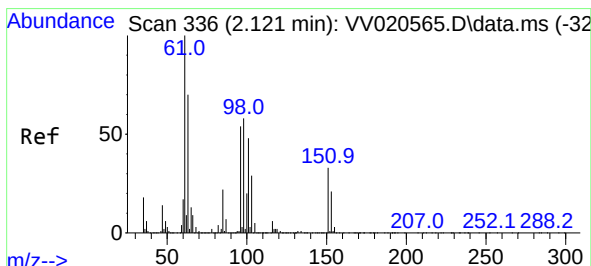
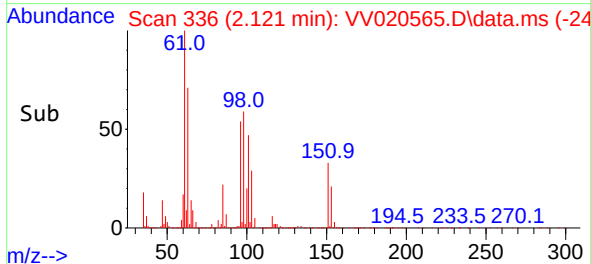
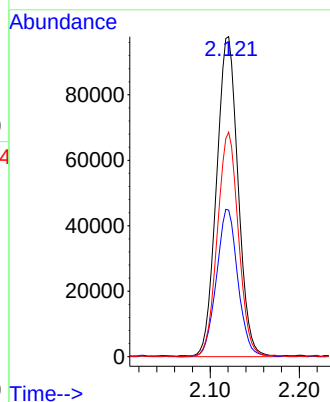
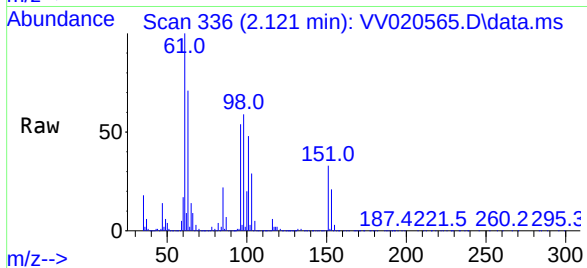


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.91 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020565.D
 Acq: 12 Mar 2021 14:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Tgt Ion:101 Resp: 164386

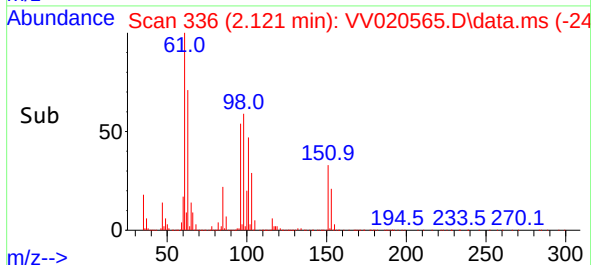
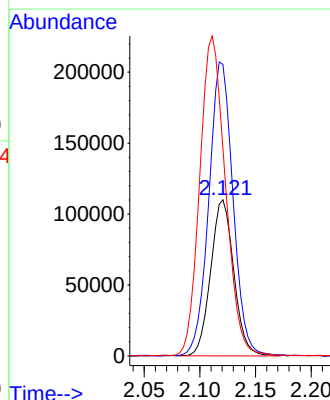
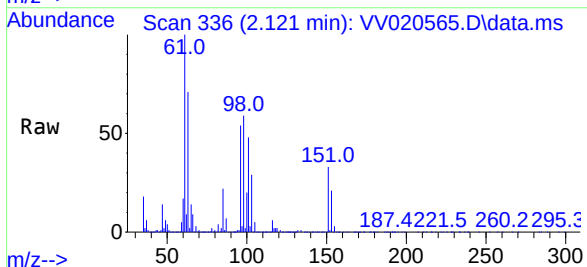
Ion	Ratio	Lower	Upper
101	100		
85	45.4	35.3	52.9
151	68.8	53.6	80.4

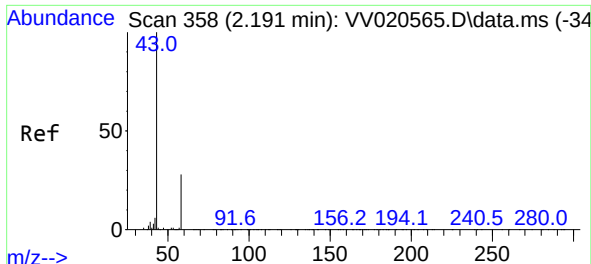


#12
 1,1-Dichloroethene
 Concen: 51.81 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020565.D
 Acq: 12 Mar 2021 14:49

Tgt Ion: 96 Resp: 158468

Ion	Ratio	Lower	Upper
96	100		
61	186.7	134.9	250.5
63	133.0	117.6	218.4

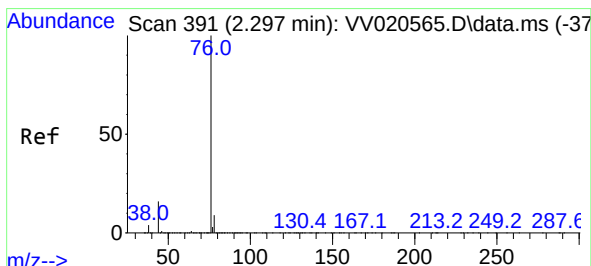
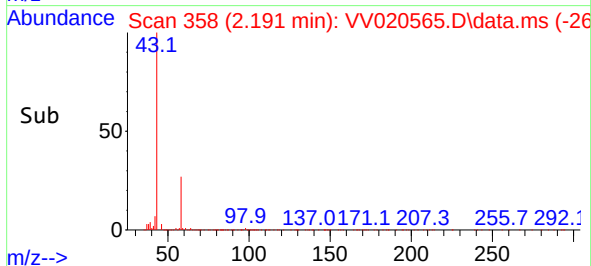
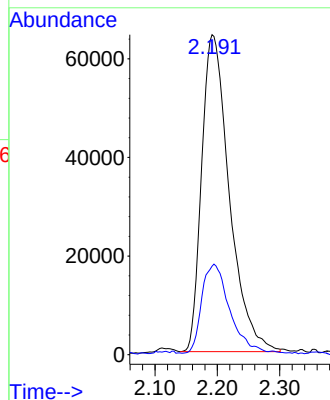
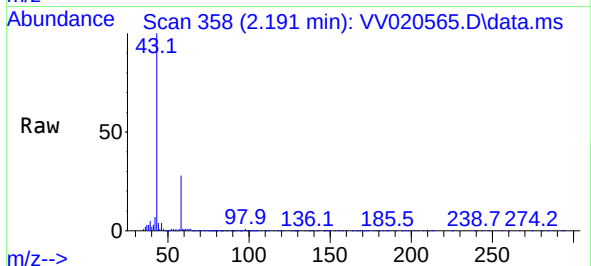




#13
Acetone
Concen: 144.50 ug/L
RT: 2.191 min Scan# 358
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

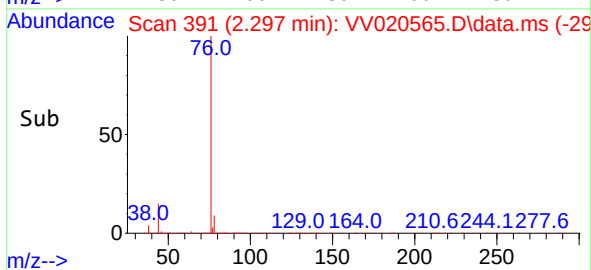
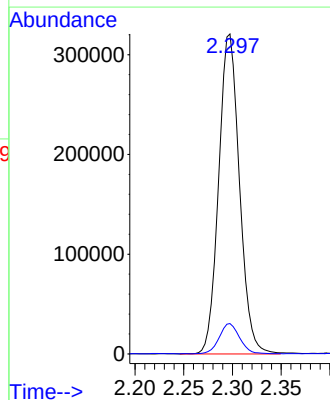
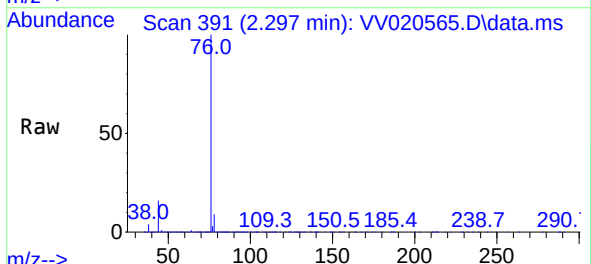
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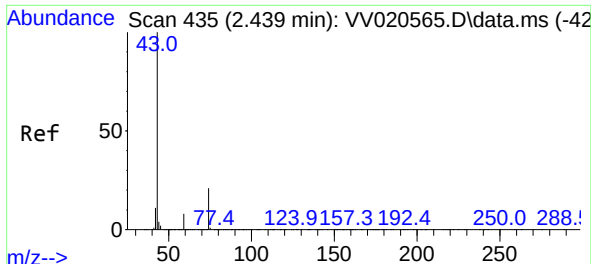
Tgt Ion: 43 Resp: 198269
Ion Ratio Lower Upper
43 100
58 27.5 0.0 60.2



#14
Carbon disulfide
Concen: 54.89 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 76 Resp: 476554
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

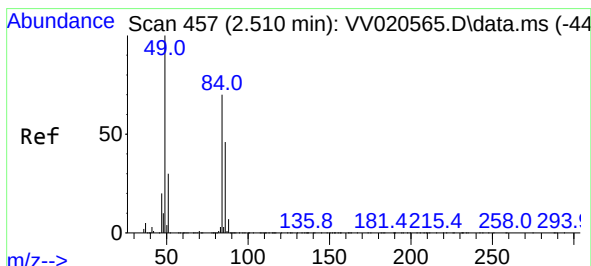
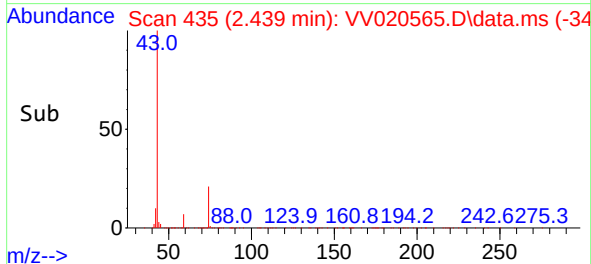
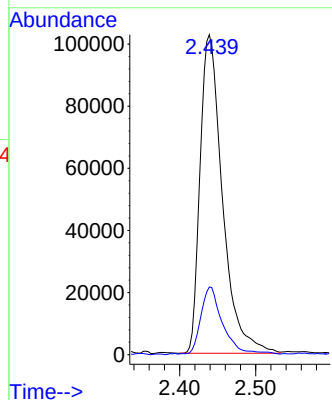
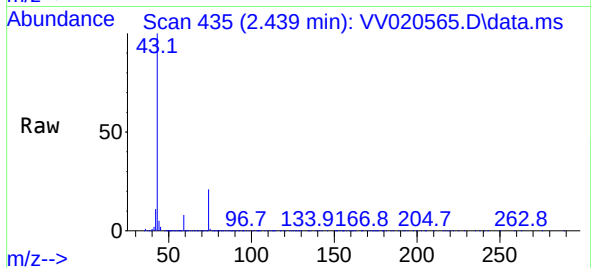




#15
Methyl Acetate
Concen: 70.37 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

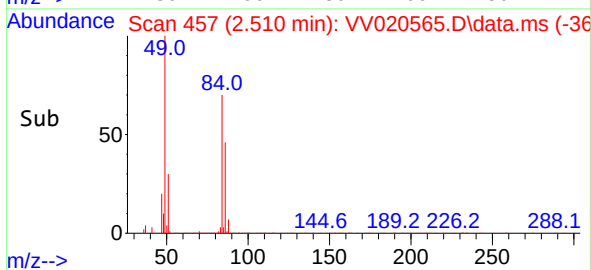
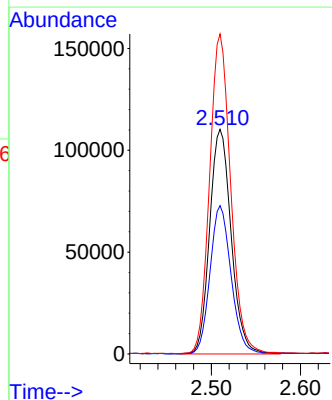
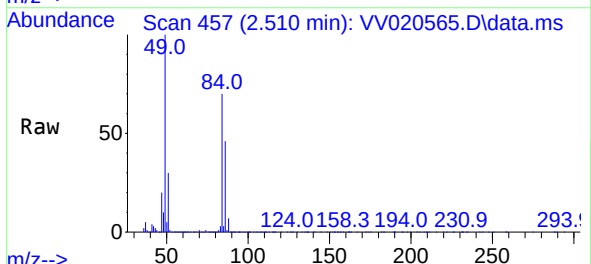
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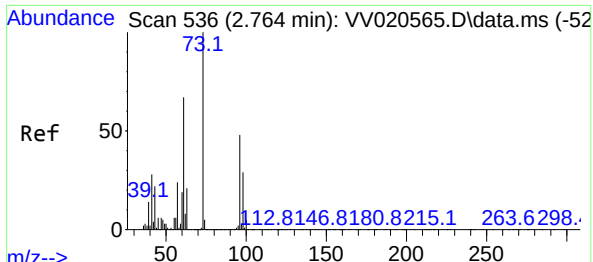
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Ion Ratio Lower Upper
43 100
74 19.7 17.6 26.4



#16
Methylene chloride
Concen: 55.17 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 84 Resp: 184942
Ion Ratio Lower Upper
84 100
86 66.0 44.6 82.8
49 142.5 94.6 175.8

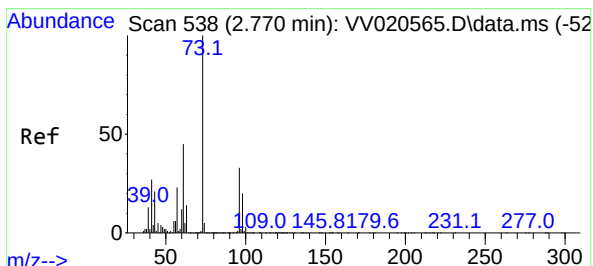
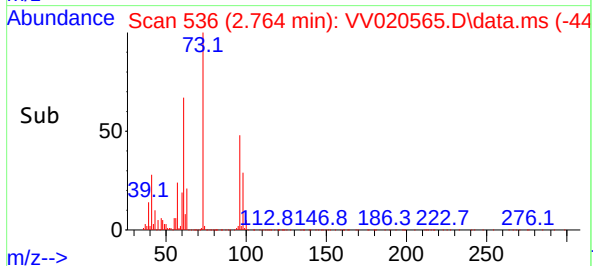
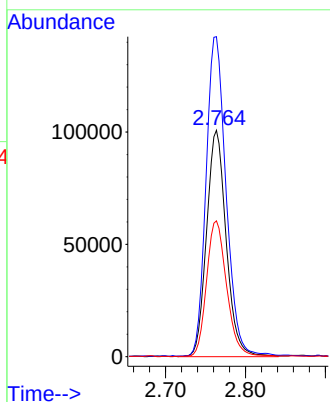
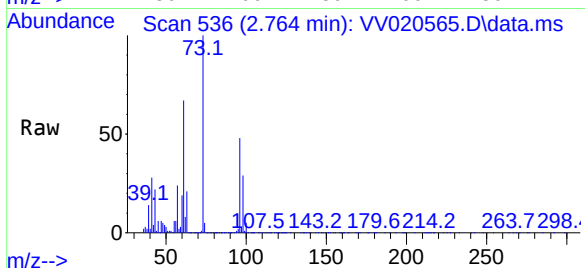




#17
trans-1,2-Dichloroethene
Concen: 53.89 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

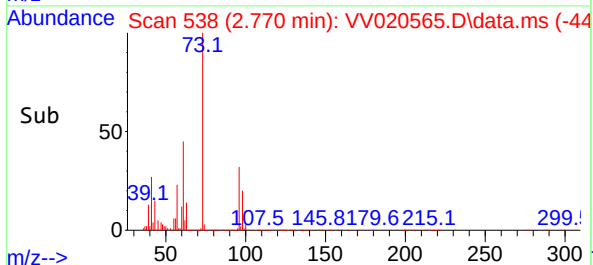
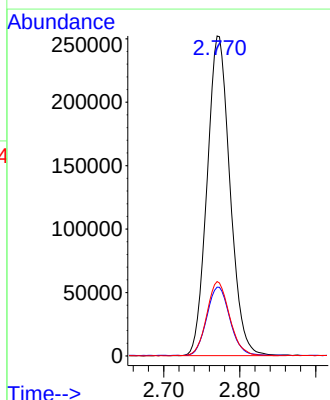
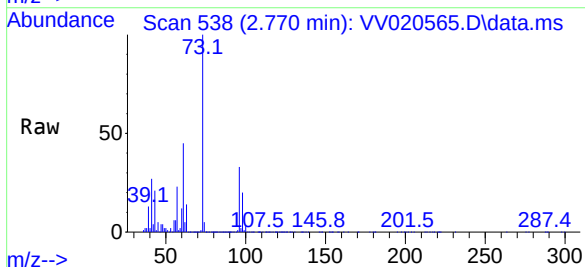
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

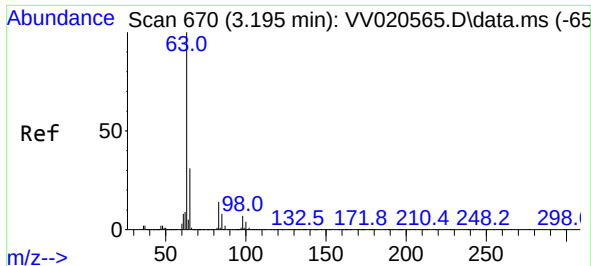
Tgt Ion: 96 Resp: 172358
Ion Ratio Lower Upper
96 100
61 141.4 103.1 191.5
98 60.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 59.16 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 73 Resp: 526858
Ion Ratio Lower Upper
73 100
43 21.6 17.3 25.9
57 23.2 17.9 26.9



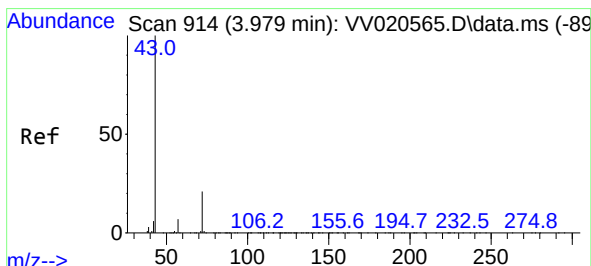
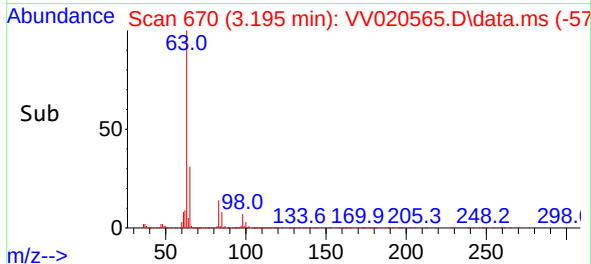
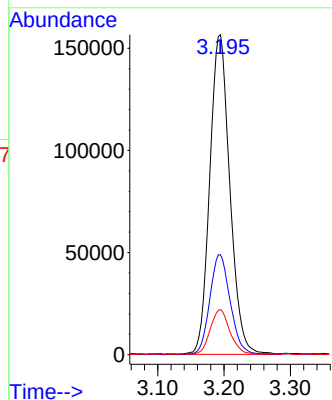
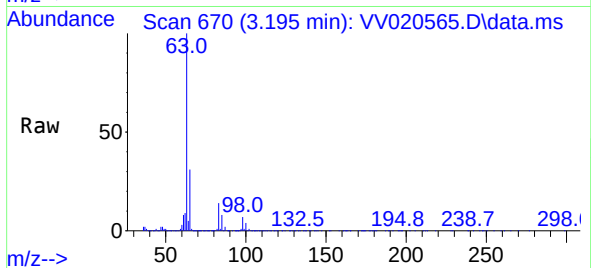


#19
1,1-Dichloroethane
Concen: 59.69 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

Tgt Ion: 63 Resp: 329444

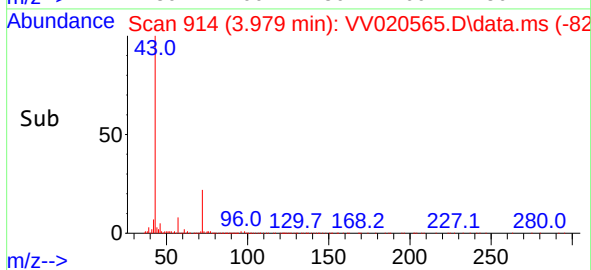
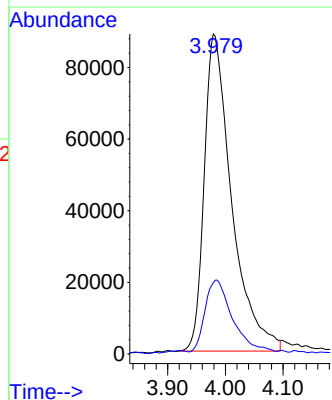
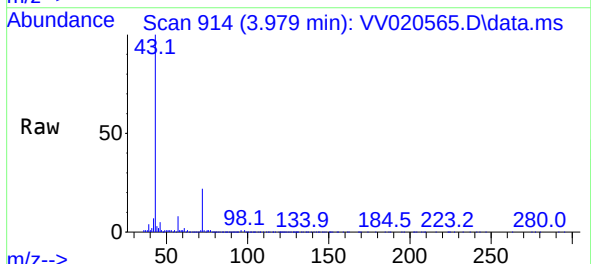
Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.9	40.7
83	14.1	9.5	17.7

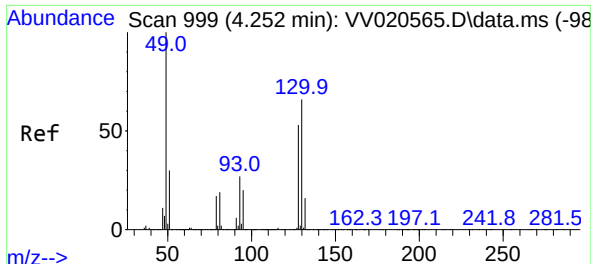


#22
2-Butanone
Concen: 145.55 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 43 Resp: 292390

Ion	Ratio	Lower	Upper
43	100		
72	22.0	12.2	36.6



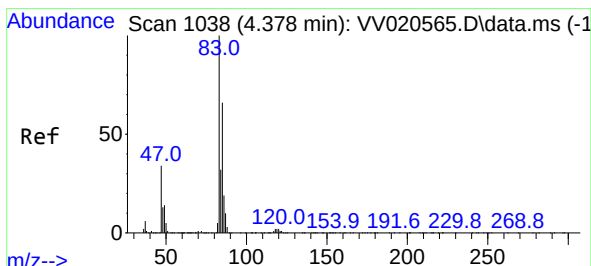
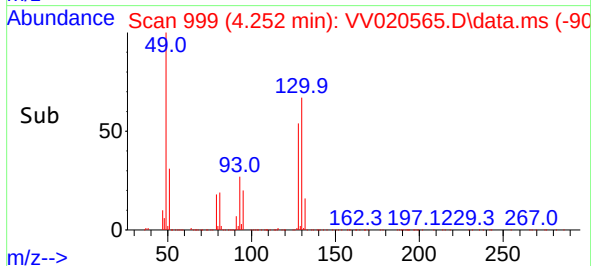
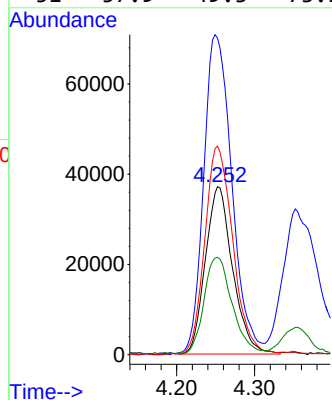
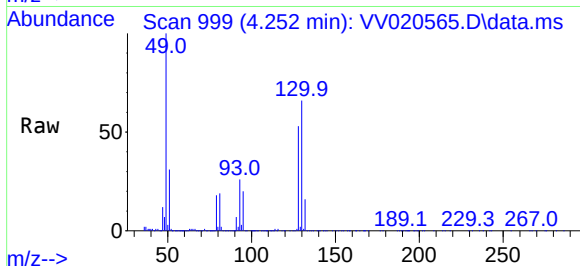


#23
Bromochloromethane
Concen: 48.24 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

Tgt Ion:128 Resp: 90244

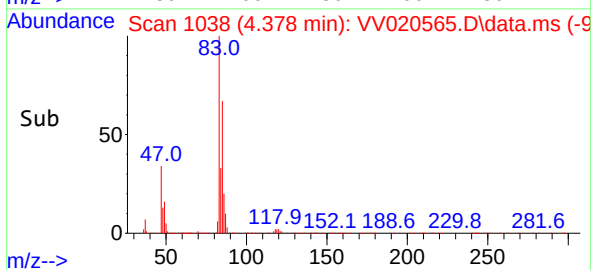
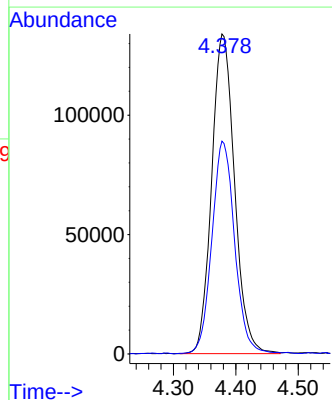
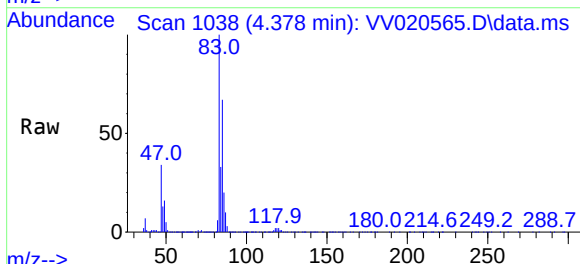
Ion	Ratio	Lower	Upper
128	100		
49	188.4	133.1	247.1
130	124.1	89.0	165.4
51	57.9	49.3	73.9

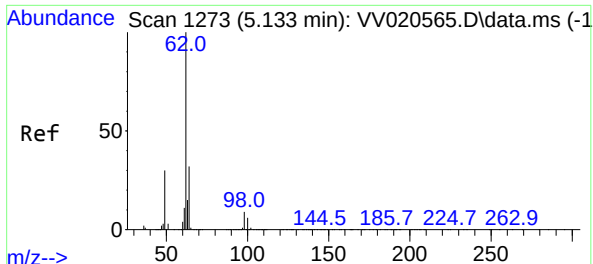


#25
Chloroform
Concen: 56.33 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 83 Resp: 341011

Ion	Ratio	Lower	Upper
83	100		
85	66.5	44.2	82.2

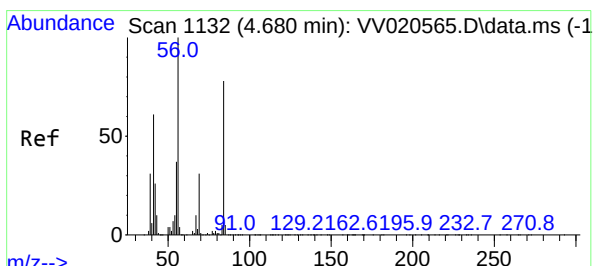
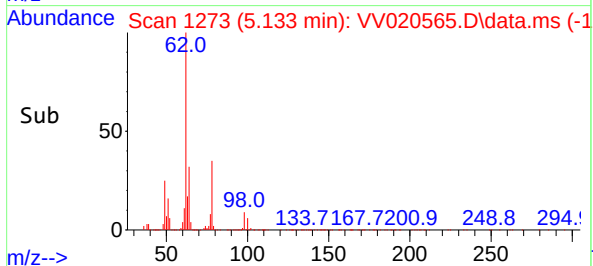
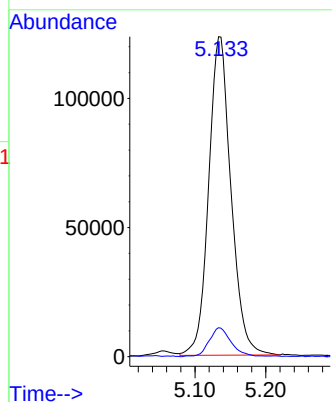
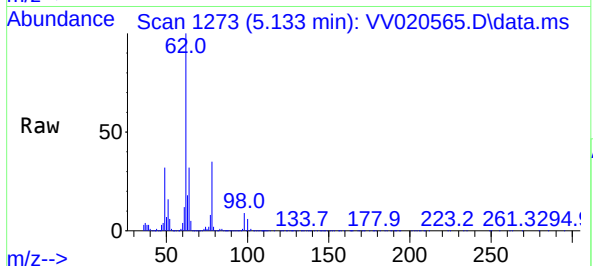




#27
1,2-Dichloroethane
Concen: 59.85 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

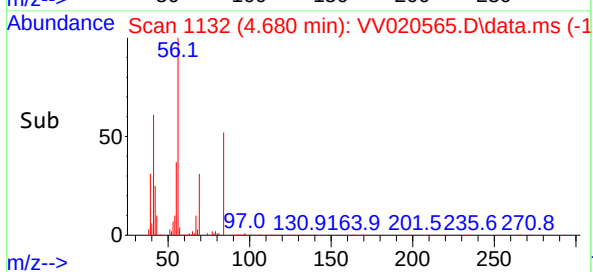
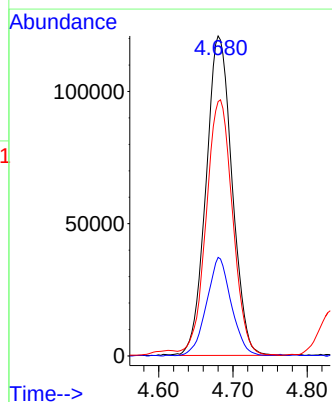
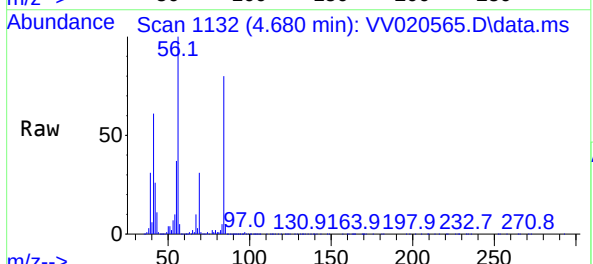
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

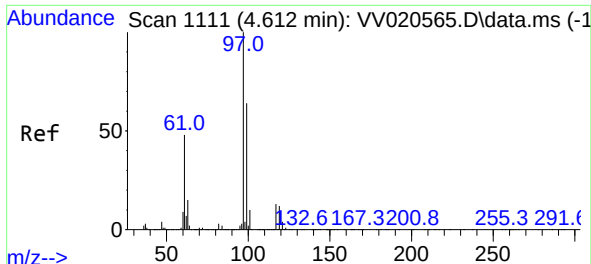
Tgt Ion: 62 Resp: 269869
Ion Ratio Lower Upper
62 100
98 9.1 6.9 10.3



#29
Cyclohexane
Concen: 66.06 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 56 Resp: 294610
Ion Ratio Lower Upper
56 100
69 29.3 24.2 36.2
84 80.7 66.3 99.5

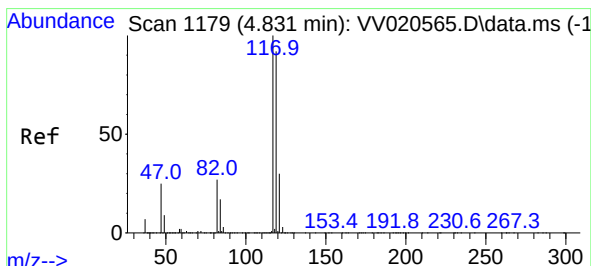
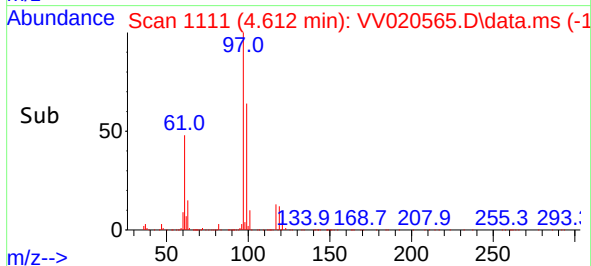
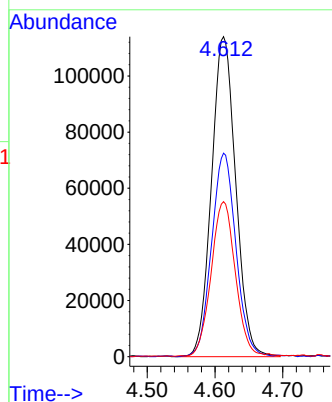
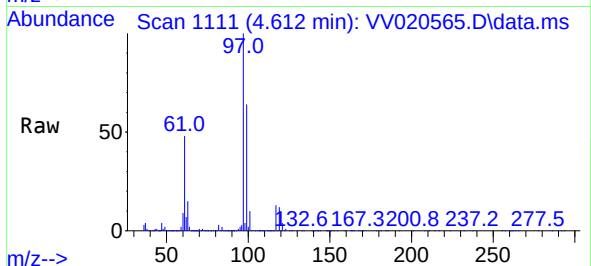




#30
1,1,1-Trichloroethane
Concen: 54.98 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

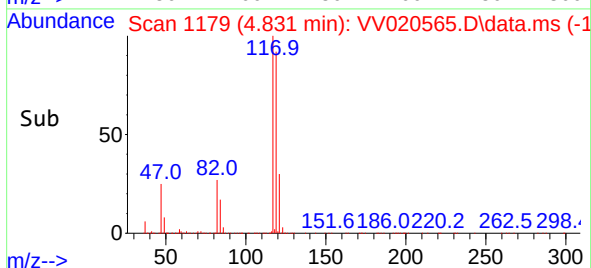
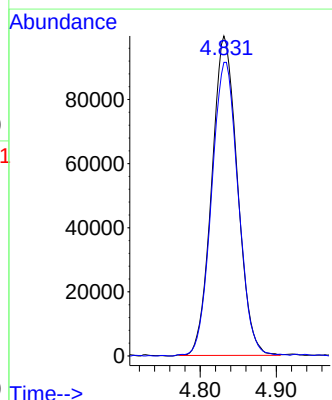
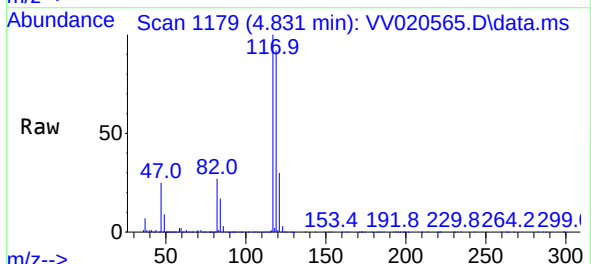
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

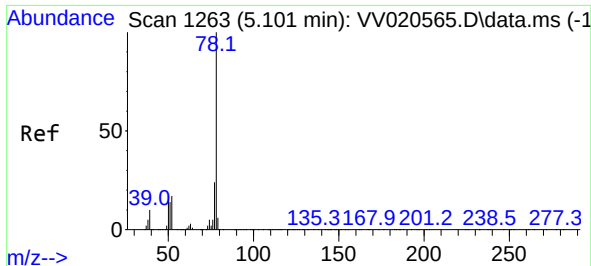
Tgt Ion: 97 Resp: 283559
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 47.9 38.5 57.7



#31
Carbon tetrachloride
Concen: 51.68 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

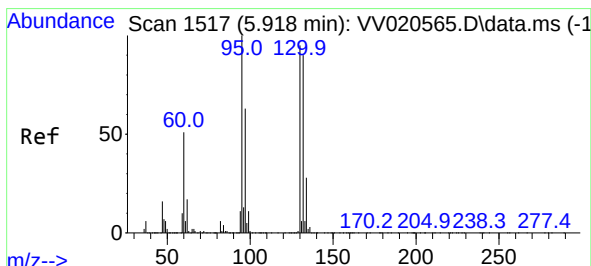
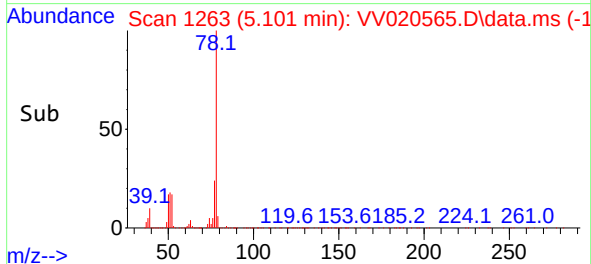
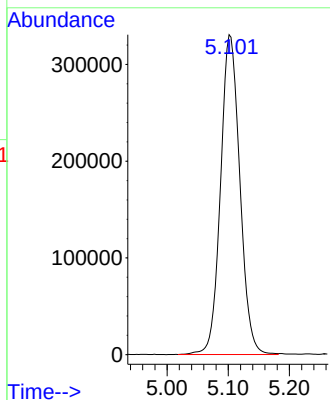
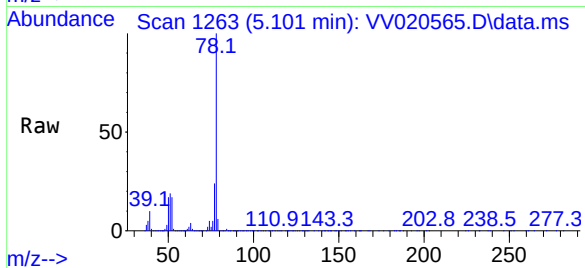
Tgt Ion: 117 Resp: 233331
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5



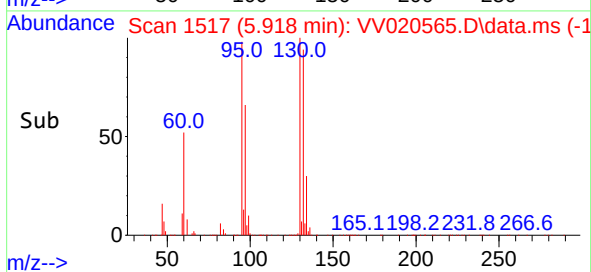
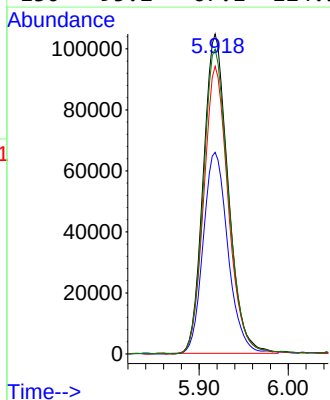
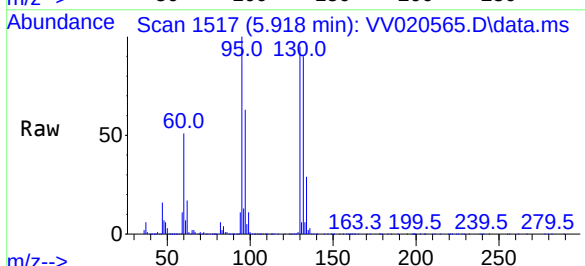


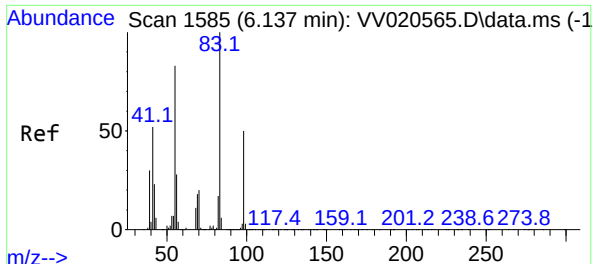
#33
Benzene
Concen: 57.83 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49
Tgt Ion: 78 Resp: 725013

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065



#34
Trichloroethene
Concen: 54.53 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49
Tgt Ion: 95 Resp: 202533

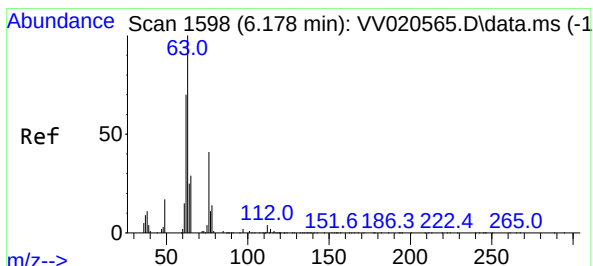
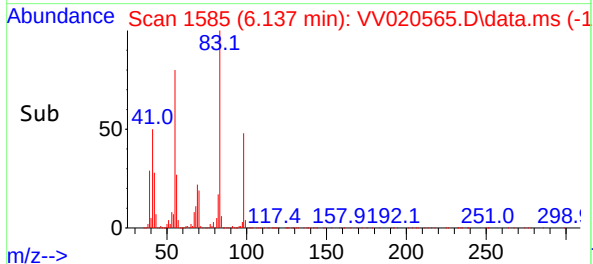
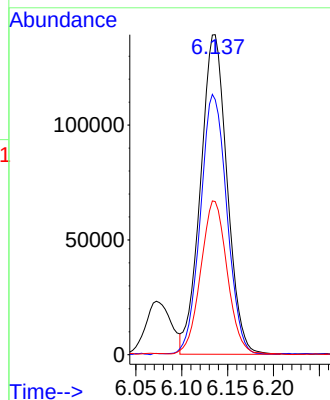
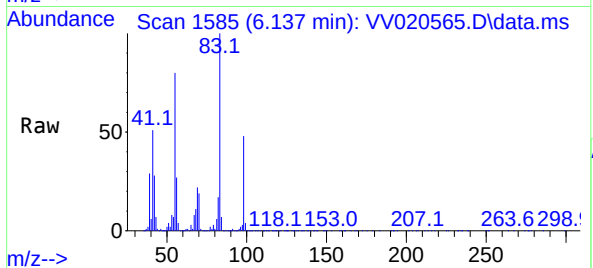




#35
Methylcyclohexane
Concen: 57.87 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

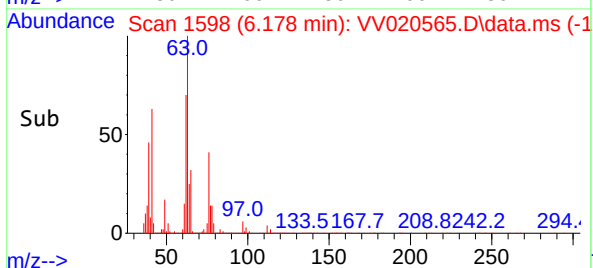
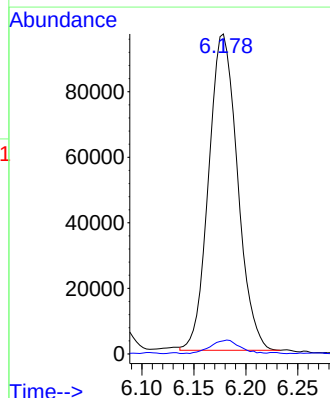
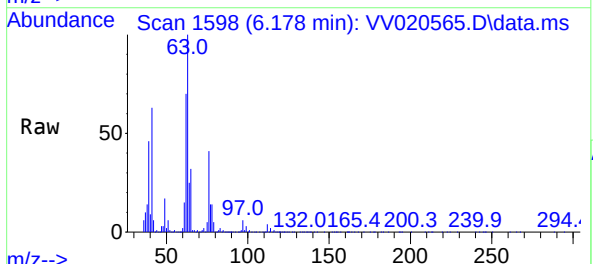
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

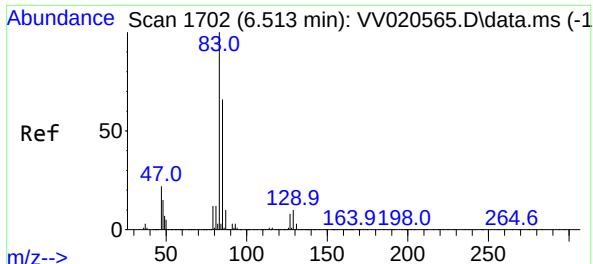
Tgt Ion:	83	Resp:	280976
Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.1	97.7
98	47.9	38.2	57.2



#37
1,2-Dichloropropane
Concen: 59.15 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion:	63	Resp:	186573
Ion	Ratio	Lower	Upper
63	100		
112	4.1	3.3	4.9

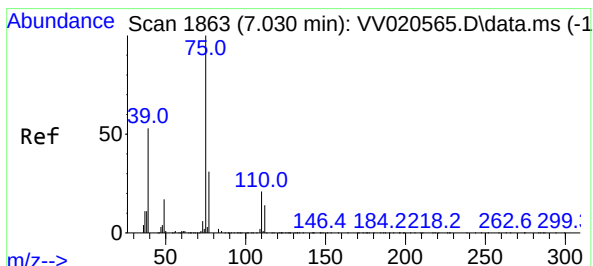
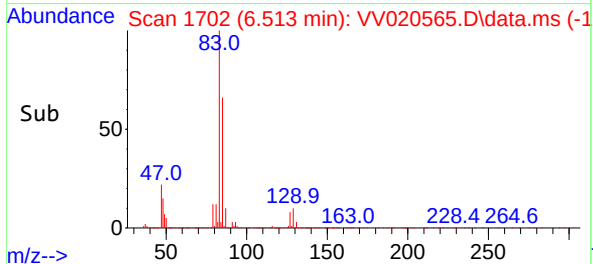
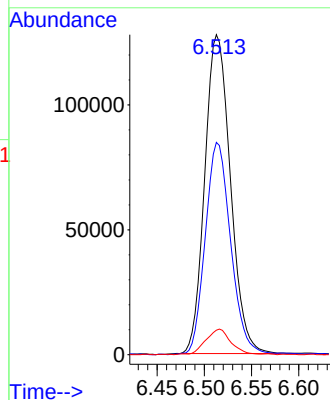
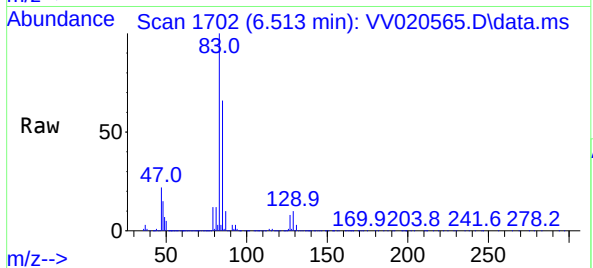




#38
Bromodichloromethane
Concen: 57.03 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

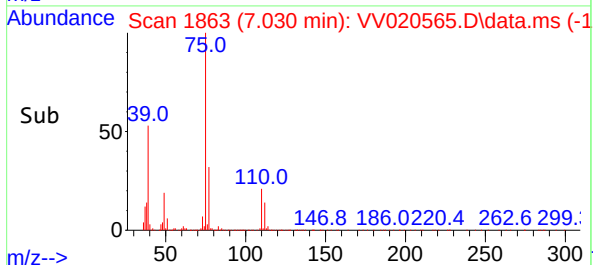
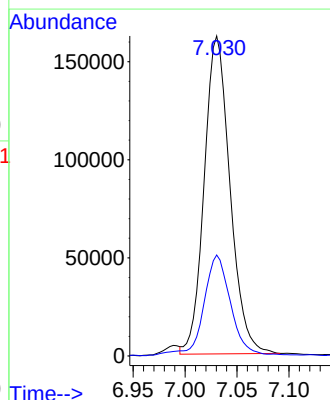
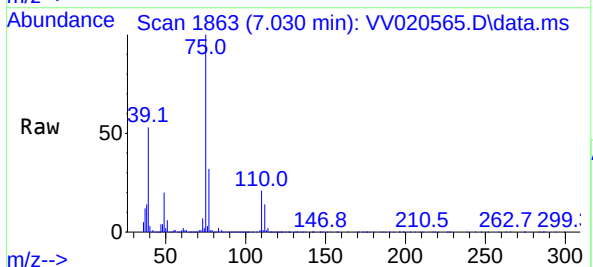
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

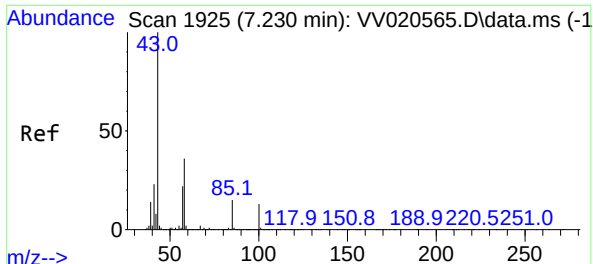
Tgt Ion: 83 Resp: 241514
Ion Ratio Lower Upper
83 100
85 66.4 44.5 82.7
127 7.7 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 58.78 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 75 Resp: 279717
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.6



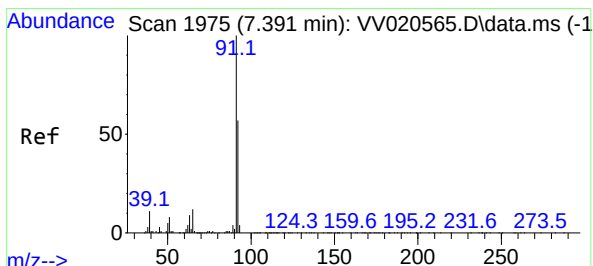
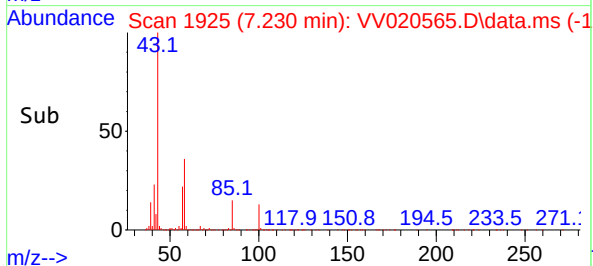
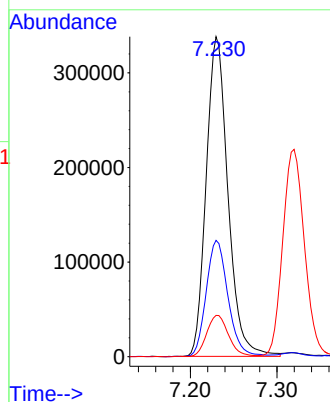
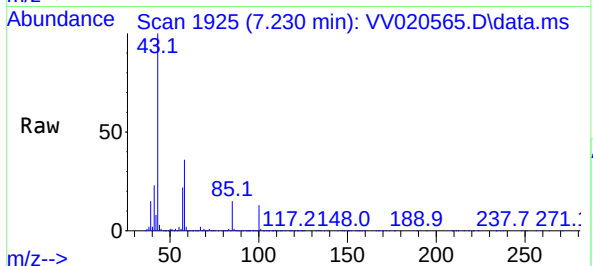


#40
4-Methyl-2-pentanone
Concen: 150.62 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

Tgt Ion: 43 Resp: 590685

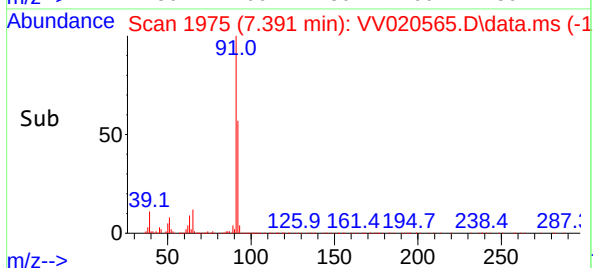
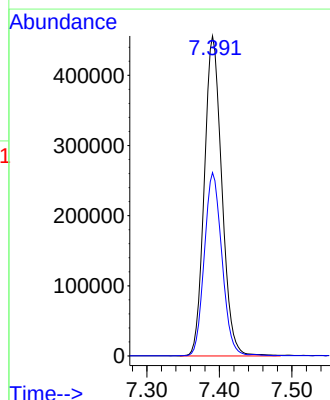
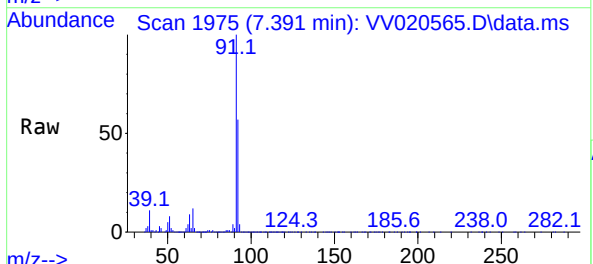
Ion	Ratio	Lower	Upper
43	100		
58	36.3	30.7	46.1
100	12.9	11.6	17.4

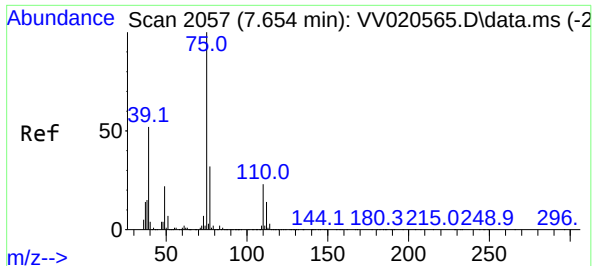


#42
Toluene
Concen: 56.18 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 91 Resp: 765461

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.7	75.7

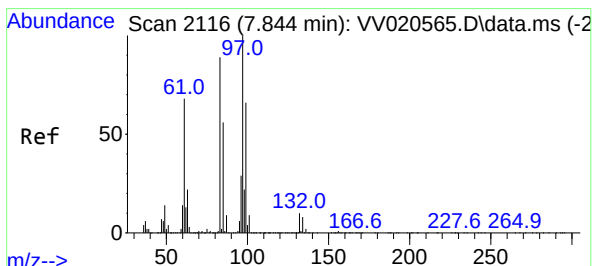
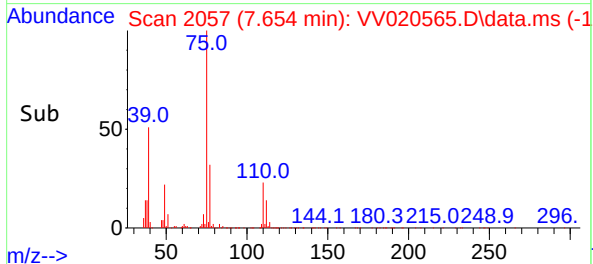
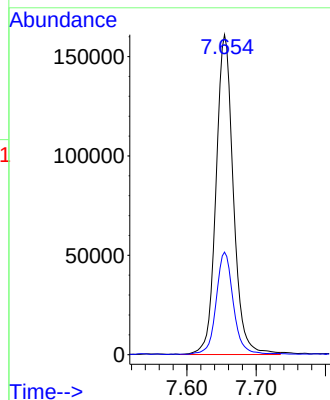
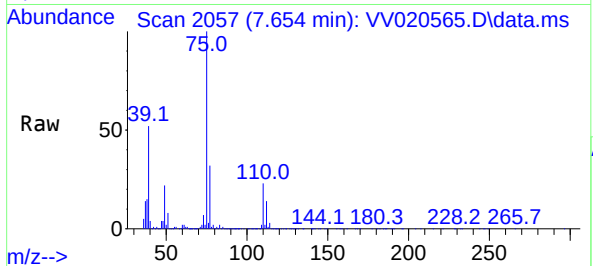




#44
trans-1,3-Dichloropropene
Concen: 59.99 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

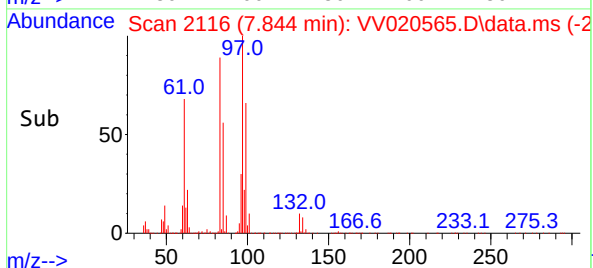
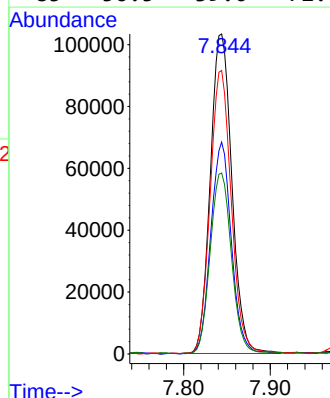
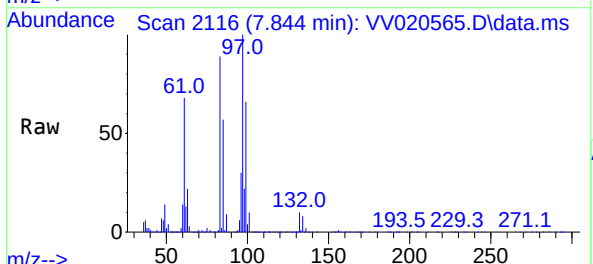
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

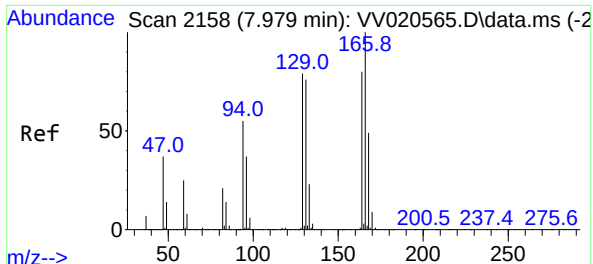
Tgt Ion: 75 Resp: 279273
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 54.15 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 97 Resp: 178821
Ion Ratio Lower Upper
97 100
99 66.2 43.8 81.3
83 88.6 62.2 115.4
85 56.5 39.0 72.4

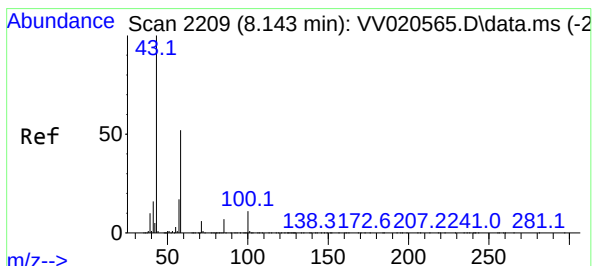
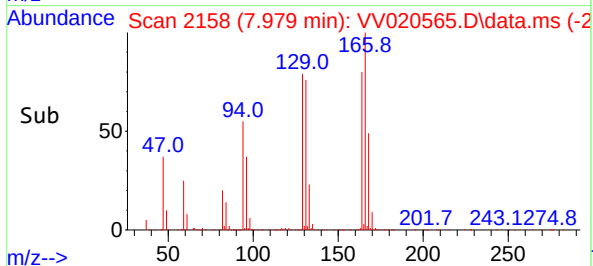
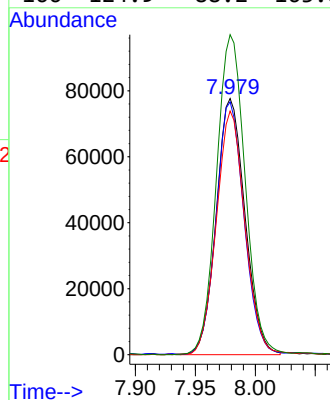
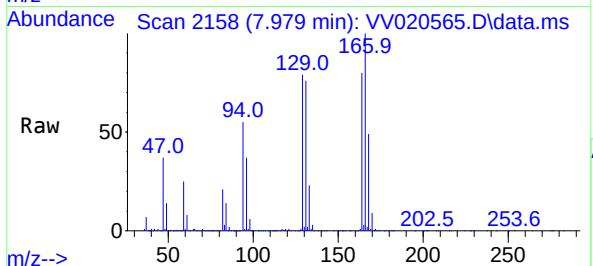




#46
Tetrachloroethene
Concen: 43.89 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

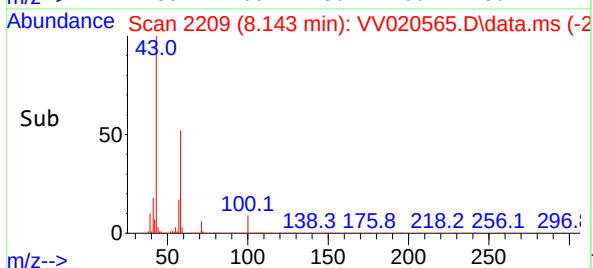
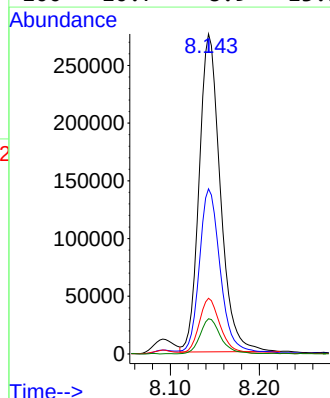
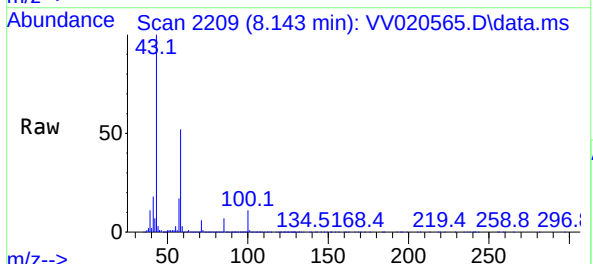
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

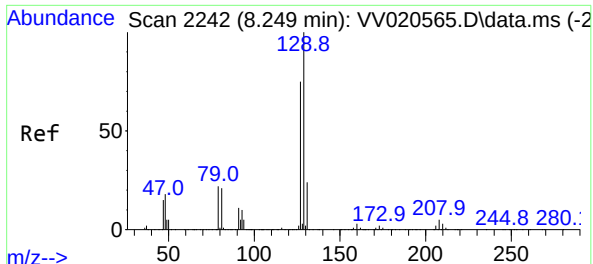
Tgt Ion:164 Resp: 129496
Ion Ratio Lower Upper
164 100
129 98.7 70.6 131.0
131 95.1 66.8 124.0
166 124.9 88.2 163.8



#48
2-Hexanone
Concen: 148.91 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 43 Resp: 454254
Ion Ratio Lower Upper
43 100
58 49.5 41.8 62.6
57 16.9 15.0 22.4
100 10.7 8.9 13.3





#49

Dibromochloromethane

Concen: 51.15 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VV020565.D

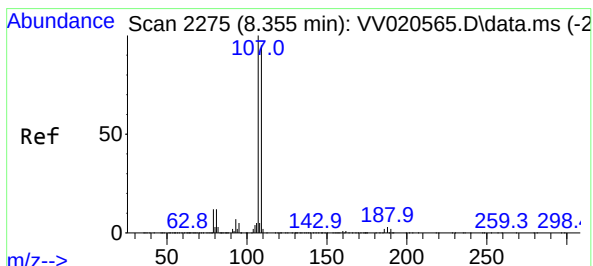
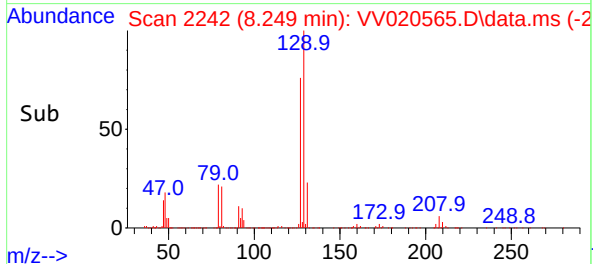
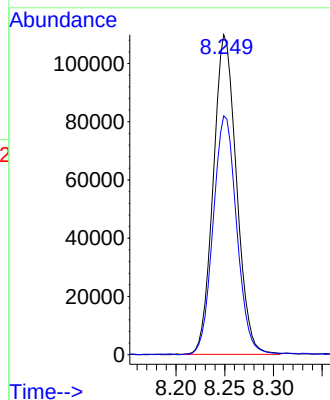
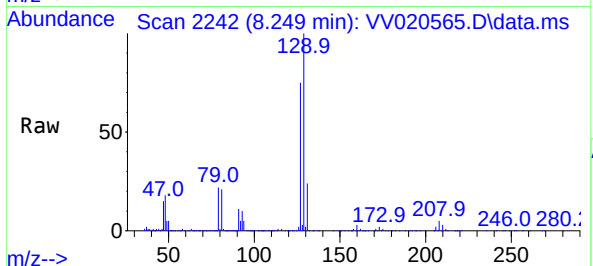
Acq: 12 Mar 2021 14:49

Tgt Ion:129 Resp: 181736

Ion Ratio Lower Upper

129 100

127 74.7 55.2 102.6



#50

1,2-Dibromoethane

Concen: 51.73 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VV020565.D

Acq: 12 Mar 2021 14:49

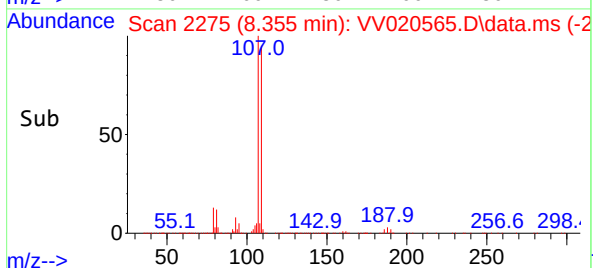
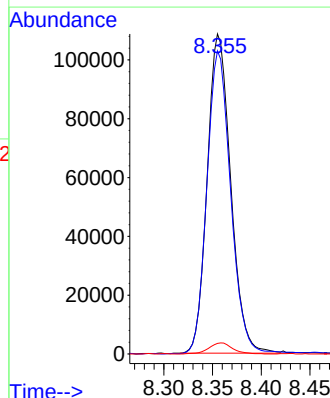
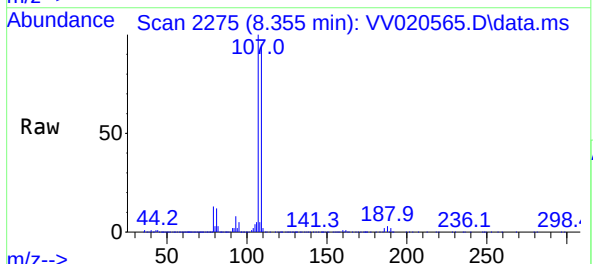
Tgt Ion:107 Resp: 182043

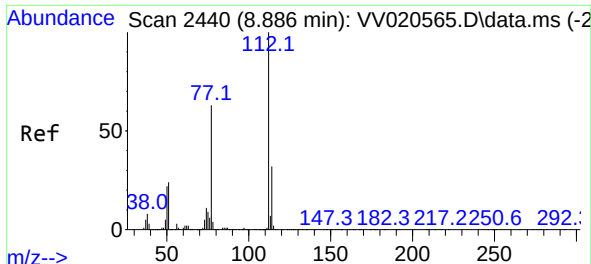
Ion Ratio Lower Upper

107 100

109 94.7 66.2 123.0

188 3.3 2.6 3.8

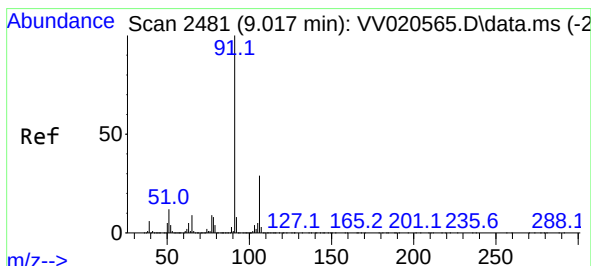
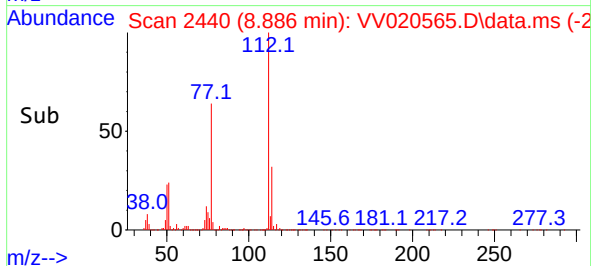
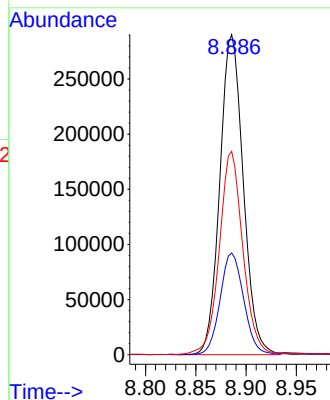
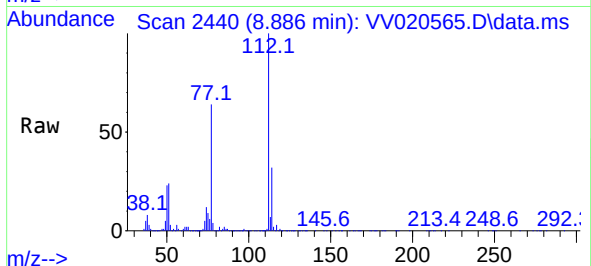




#51
Chlorobenzene
Concen: 49.97 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

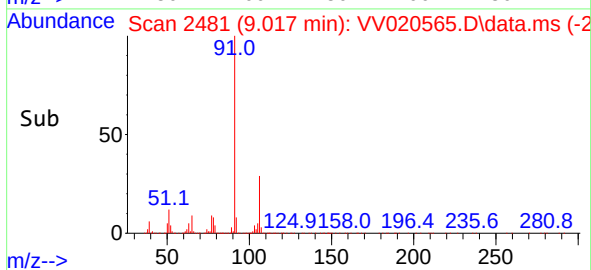
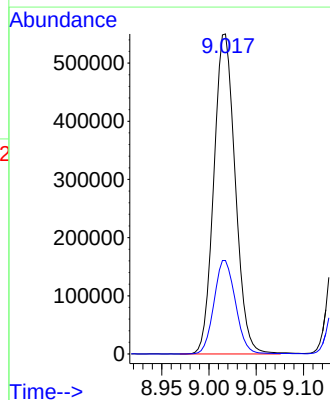
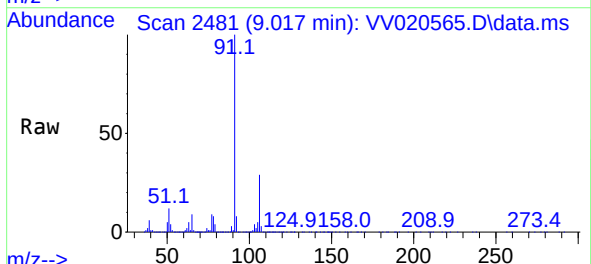
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

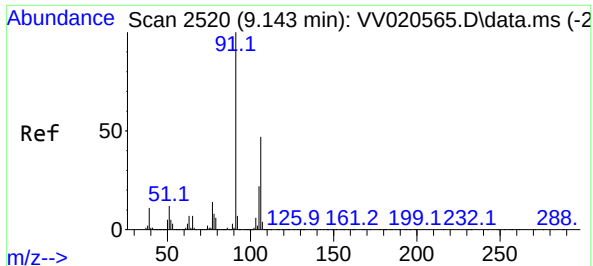
Tgt Ion:112 Resp: 470989
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 63.5 49.0 73.6



#52
Ethylbenzene
Concen: 57.26 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 91 Resp: 865319
Ion Ratio Lower Upper
91 100
106 29.2 21.0 39.0

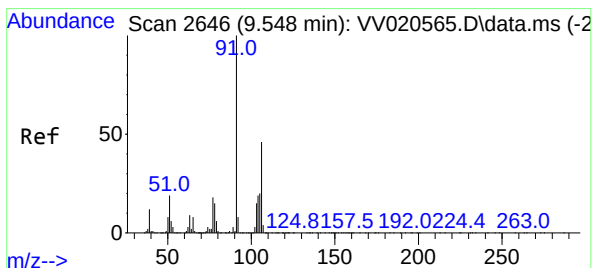
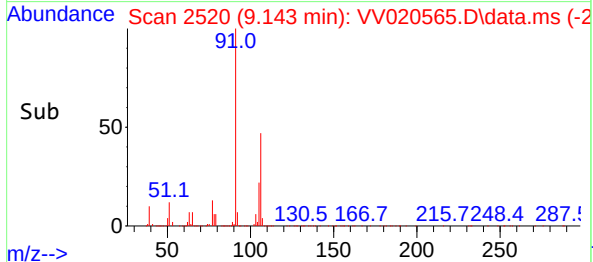
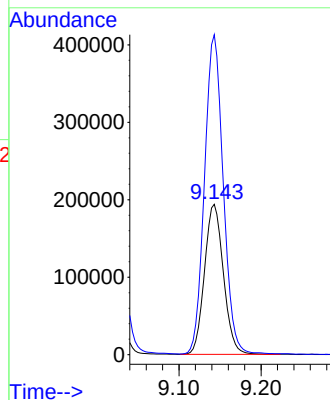
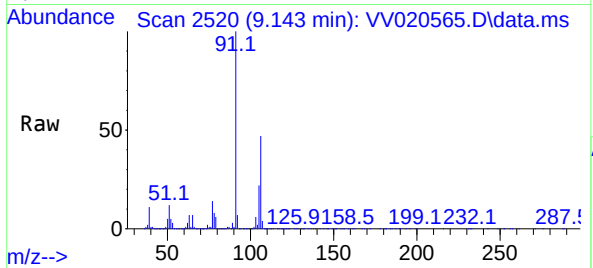




#53
m,p-Xylene
Concen: 53.72 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

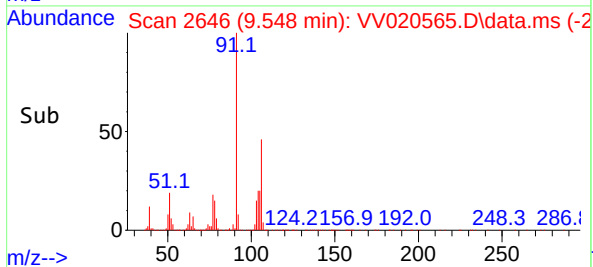
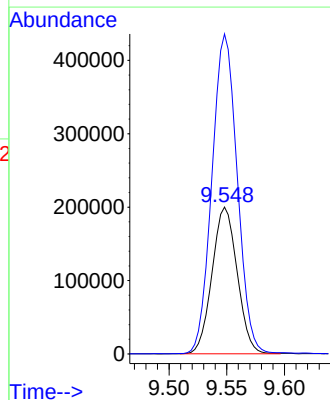
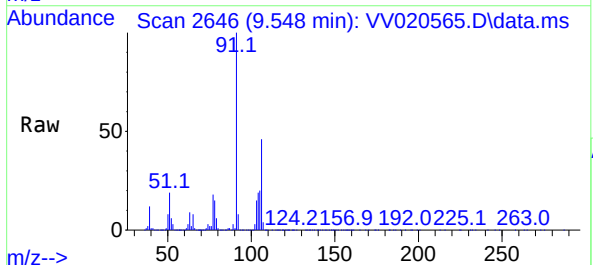
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

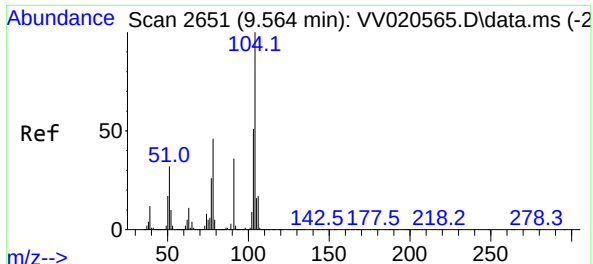
Tgt Ion:106 Resp: 310385
Ion Ratio Lower Upper
106 100
91 212.8 148.1 275.0



#54
o-xylene
Concen: 54.33 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion:106 Resp: 302255
Ion Ratio Lower Upper
106 100
91 217.8 156.4 290.6

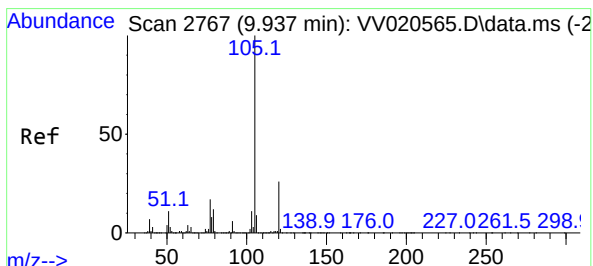
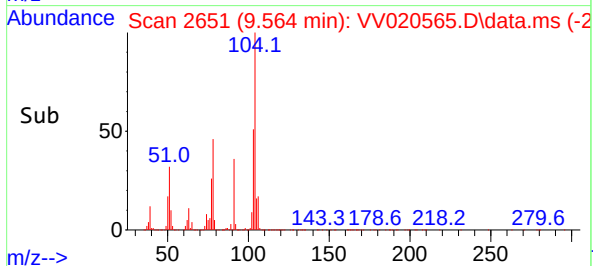
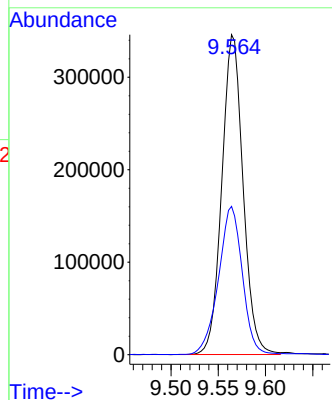
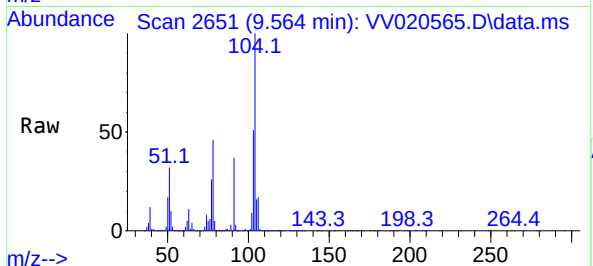




#55
Styrene
Concen: 56.17 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

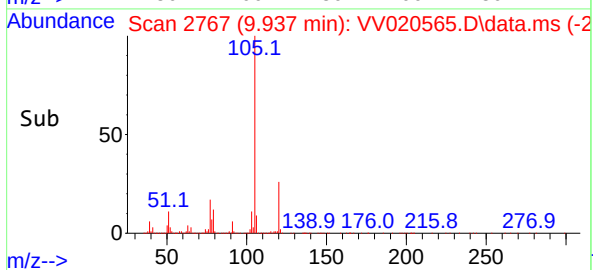
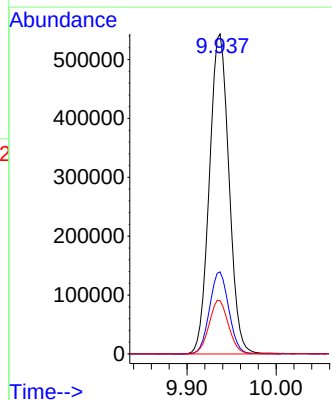
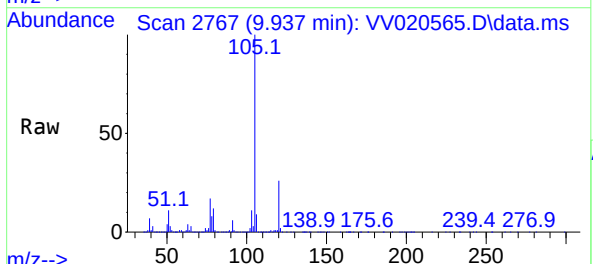
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

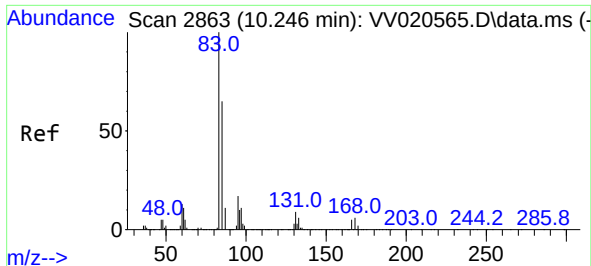
Tgt Ion:104 Resp: 540910
Ion Ratio Lower Upper
104 100
78 46.4 33.7 62.5



#56
Isopropylbenzene
Concen: 55.88 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion:105 Resp: 829677
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 16.6 13.6 20.4



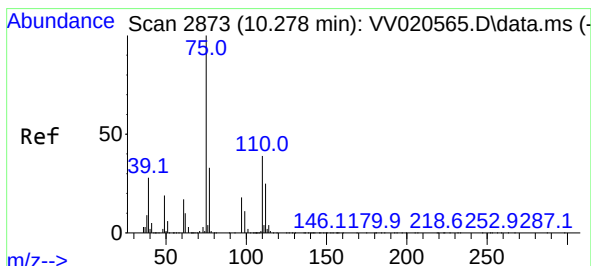
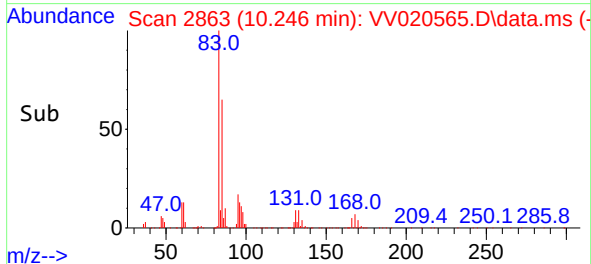
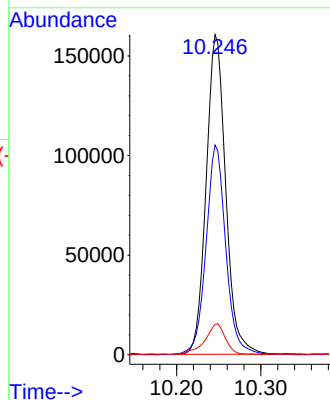
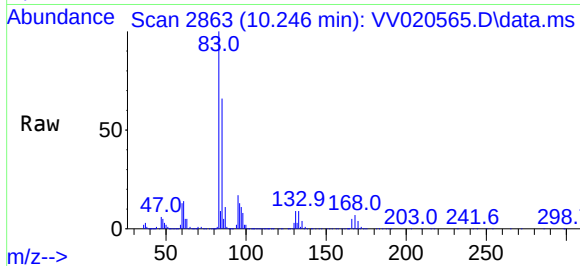


#58
1,1,2,2-Tetrachloroethane
Concen: 56.91 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

Tgt Ion: 83 Resp: 259024

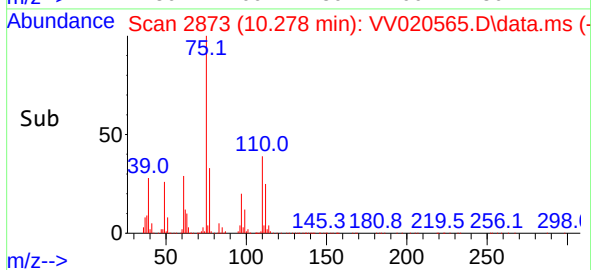
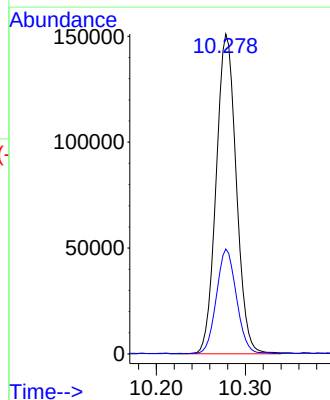
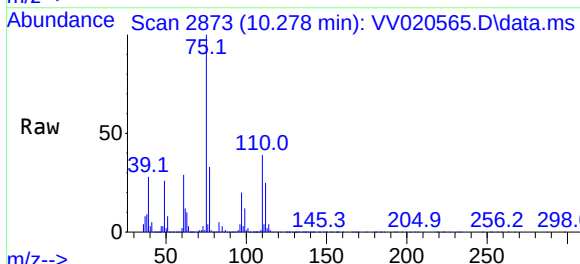
Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.3	82.3
131	9.5	7.3	10.9

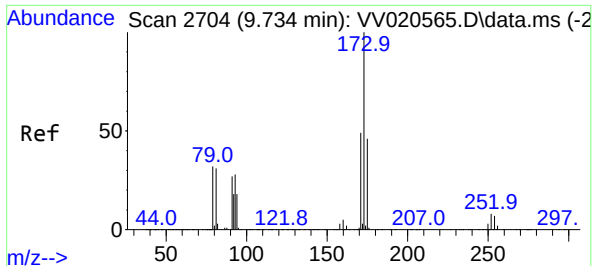


#59
1,2,3-Trichloropropane
Concen: 56.58 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion: 75 Resp: 236579

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.0

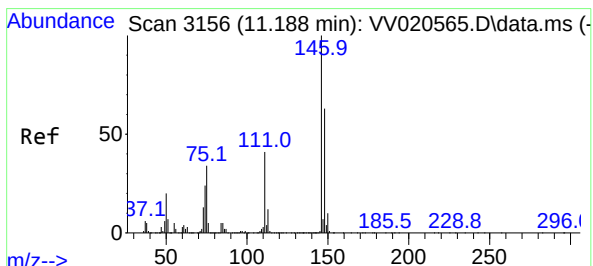
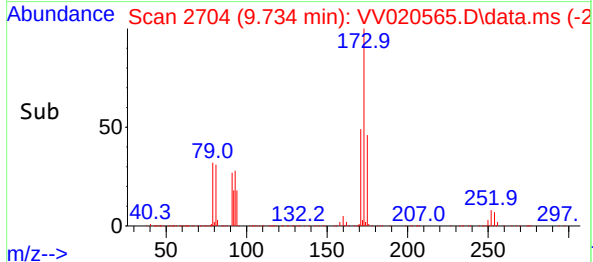
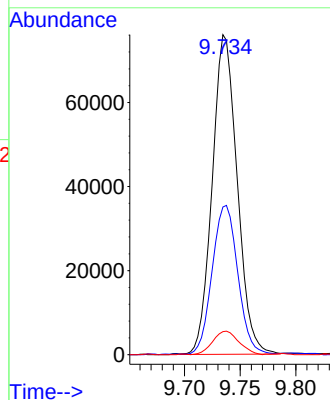
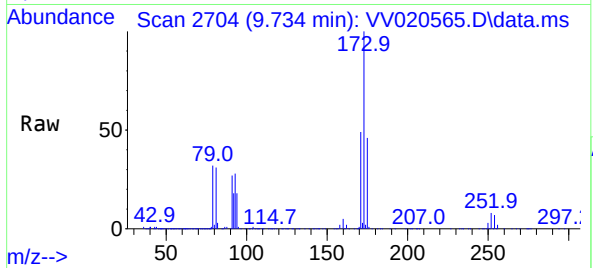




#61
Bromoform
Concen: 50.30 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

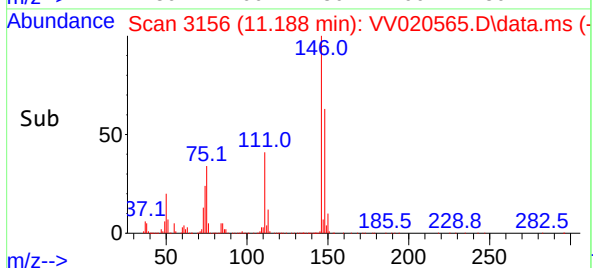
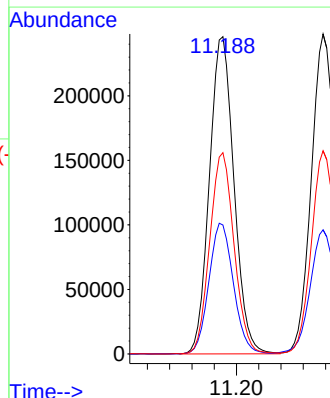
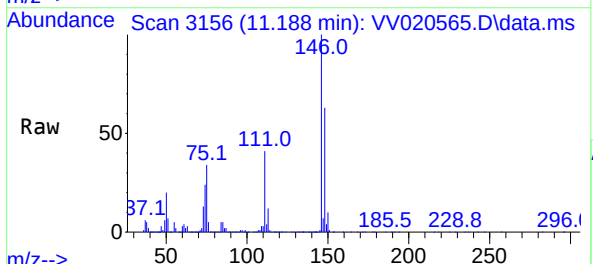
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

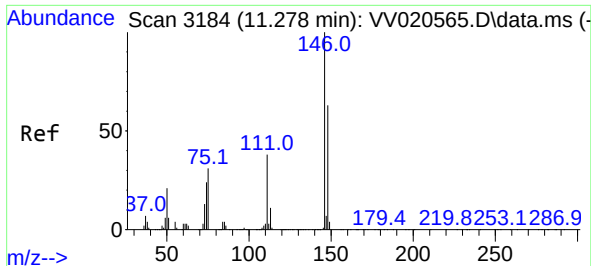
Tgt Ion:173 Resp: 118636
Ion Ratio Lower Upper
173 100
175 47.7 38.6 57.8
254 7.7 6.5 9.7



#62
1,3-Dichlorobenzene
Concen: 52.53 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion:146 Resp: 376402
Ion Ratio Lower Upper
146 100
111 40.6 30.2 56.2
148 63.4 45.0 83.6

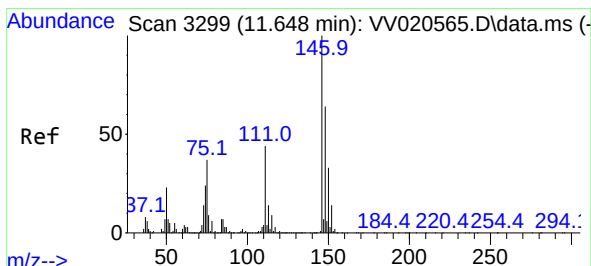
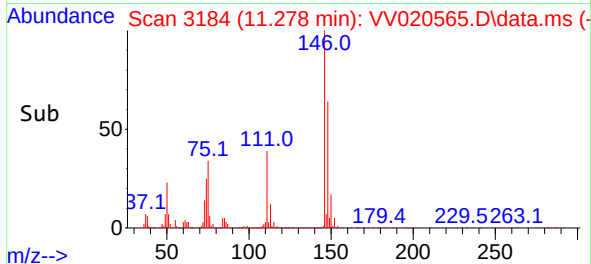
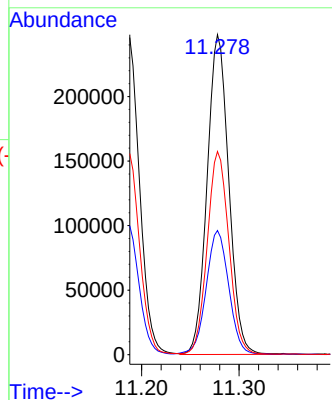
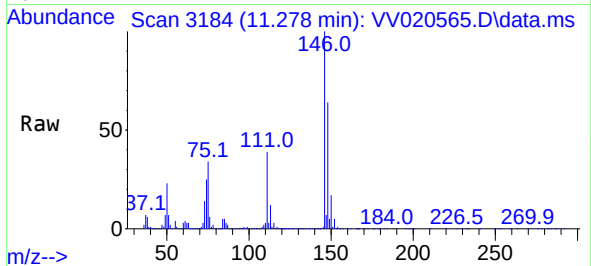




#63
1,4-Dichlorobenzene
Concen: 51.15 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

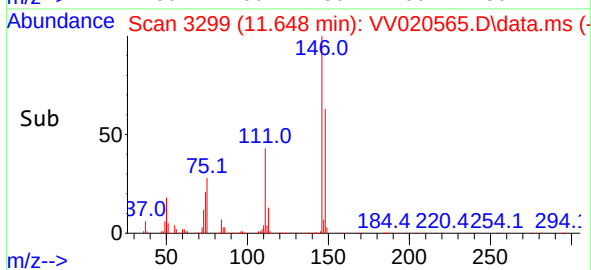
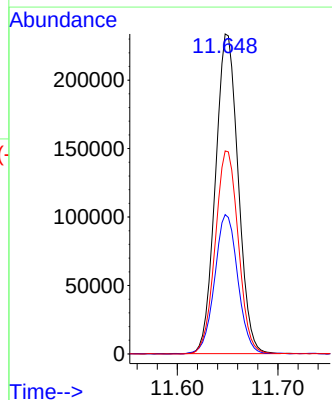
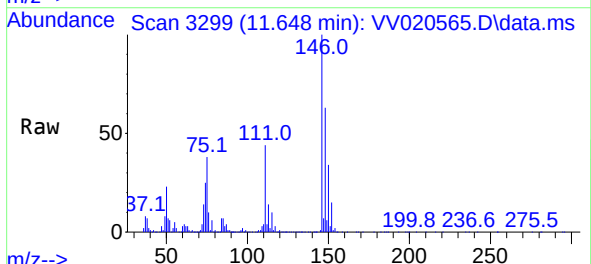
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

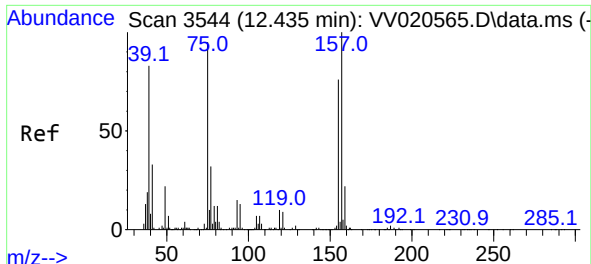
Tgt Ion:146 Resp: 382128
Ion Ratio Lower Upper
146 100
111 38.8 29.4 54.6
148 63.5 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 50.91 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion:146 Resp: 366916
Ion Ratio Lower Upper
146 100
111 43.5 36.3 54.5
148 63.5 51.7 77.5

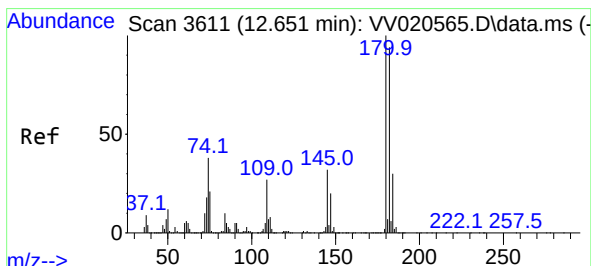
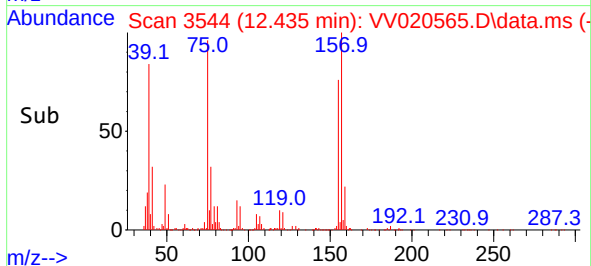
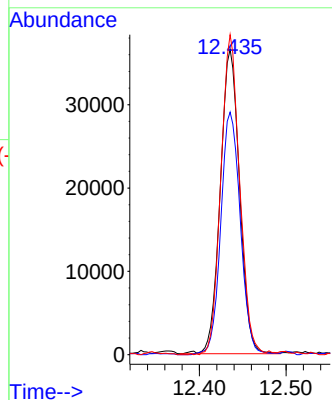
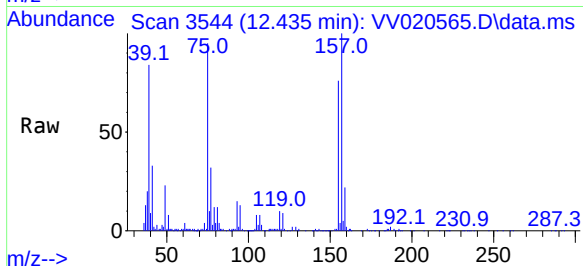




#66
1,2-Dibromo-3-chloropropane
Concen: 62.23 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

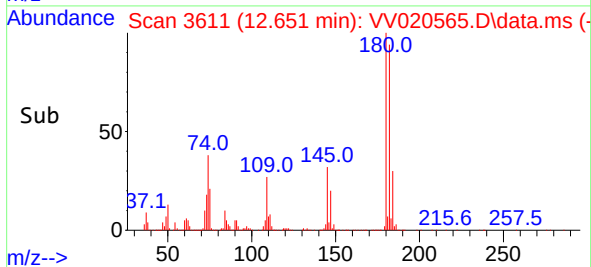
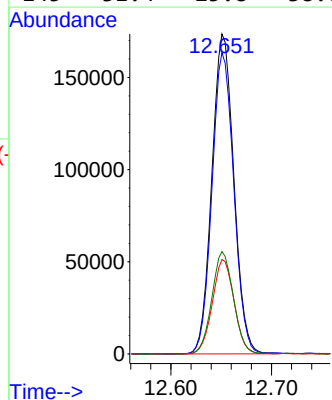
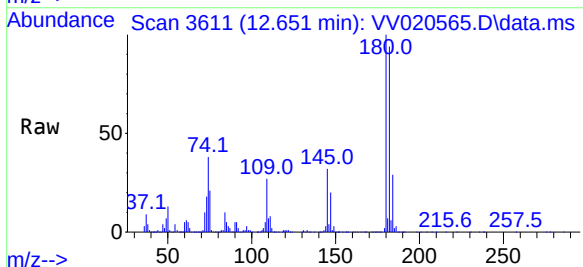
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

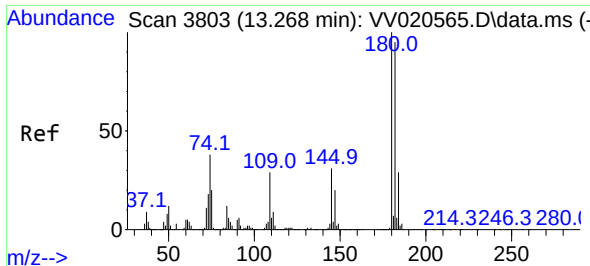
Tgt Ion: 75 Resp: 56633
Ion Ratio Lower Upper
75 100
155 79.4 59.1 88.7
157 104.8 75.4 113.0



#67
1,3,5-Trichlorobenzene
Concen: 48.17 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion:180 Resp: 263568
Ion Ratio Lower Upper
180 100
182 93.5 75.0 112.6
184 29.3 24.0 36.0
145 31.4 25.8 38.6

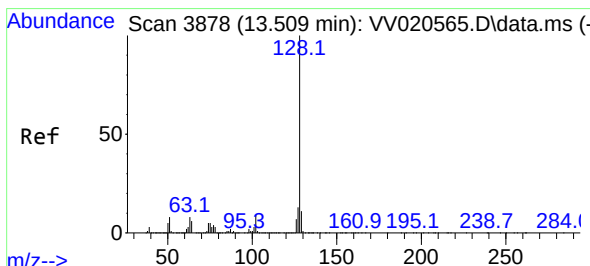
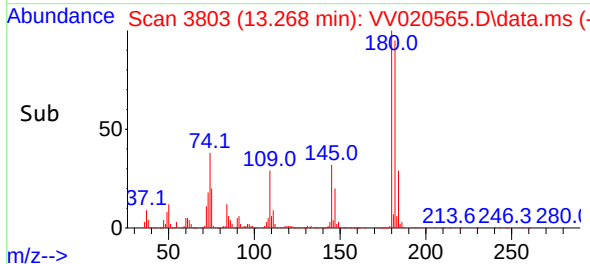
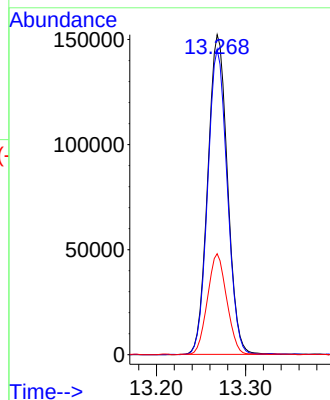
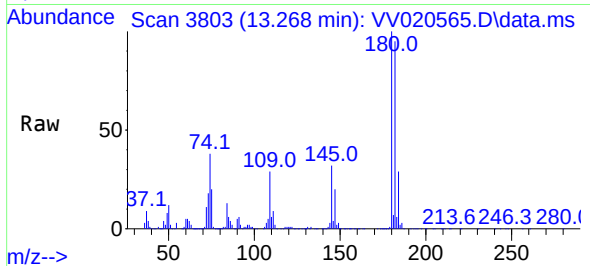




#68
1,2,4-trichlorobenzene
Concen: 49.51 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

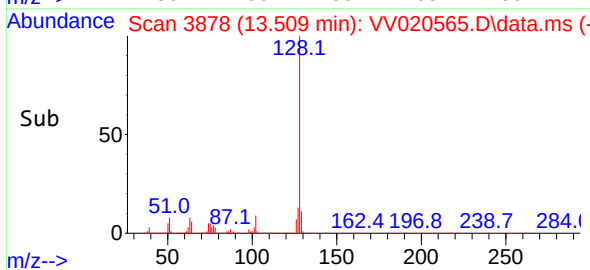
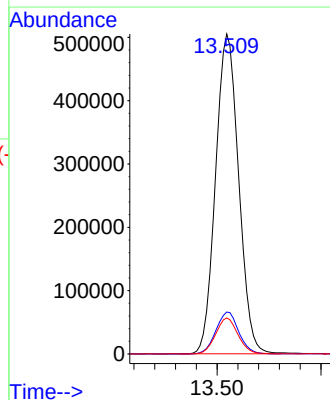
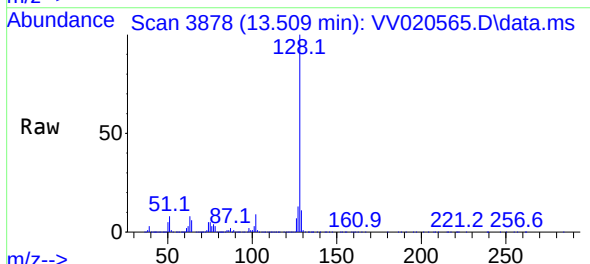
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ClientSampleId :
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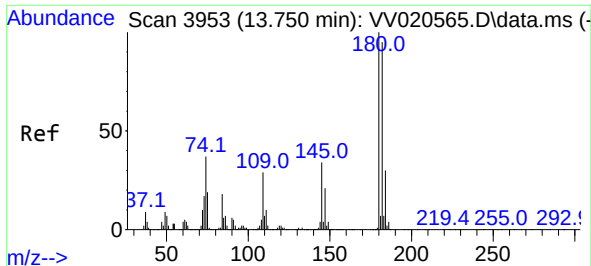
Tgt Ion:180 Resp: 233700
Ion Ratio Lower Upper
180 100
182 94.5 75.1 112.7
145 31.0 26.8 40.2



#69
Naphthalene
Concen: 59.91 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020565.D
Acq: 12 Mar 2021 14:49

Tgt Ion:128 Resp: 779554
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: 49.11 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. 0.000 min
 Lab File: VV020565.D
 Acq: 12 Mar 2021 14:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Tgt Ion:180 Resp: 233846

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.1	114.1
145	32.6	27.9	41.9

