

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031821\
 Data File : VW020665.D
 Acq On : 18 Mar 2021 10:08
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05082

Quant Time: Mar 19 03:55:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 01:14:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	419957	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	419322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	217680	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	140572	41.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.00%		
7) Chloroethane-d5	1.571	69	113542	41.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.78%		
11) 1,1-Dichloroethene-d2	2.111	63	273794	42.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.04%		
21) 2-Butanone-d5	3.892	46	234067	107.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.66%		
24) Chloroform-d	4.349	84	284476	48.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.62%		
26) 1,2-Dichloroethane-d4	5.034	65	189771	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.70%		
32) Benzene-d6	5.050	84	544552	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.00%		
36) 1,2-Dichloropropane-d6	6.072	67	180229	48.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.24%		
41) Toluene-d8	7.317	98	492106	47.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.58%		
43) trans-1,3-Dichloroprop...	7.622	79	86743	50.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.14%		
47) 2-Hexanone-d5	8.091	63	150727	108.68	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.68%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	242175	52.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.56%		
64) 1,2-Dichlorobenzene-d4	11.628	152	200615	47.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	172323	49.70	ug/L	99
3) Chloromethane	1.243	50	203862	50.83	ug/L	98
5) Vinyl chloride	1.314	62	193709	48.17	ug/L	100
6) Bromomethane	1.523	94	111558	47.09	ug/L	93
8) Chloroethane	1.587	64	113832	46.65	ug/L	97
9) Trichlorofluoromethane	1.754	101	267392	49.90	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	144122	49.32	ug/L	97
12) 1,1-Dichloroethene	2.121	96	133545	47.11	ug/L	81
13) Acetone	2.188	43	230945	130.05	ug/L	100
14) Carbon disulfide	2.294	76	423270	49.24	ug/L	99
15) Methyl Acetate	2.436	43	178339	52.43	ug/L	99
16) Methylene chloride	2.506	84	163780	49.86	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	149664	49.42	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	463984	50.38	ug/L	99
19) 1,1-Dichloroethane	3.191	63	291820	50.50	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	164141	52.50	ug/L	96
22) 2-Butanone	3.976	43	287505	117.05	ug/L	94
23) Bromochloromethane	4.249	128	82389	52.81	ug/L	98
25) Chloroform	4.375	83	306198	50.73	ug/L	96
27) 1,2-Dichloroethane	5.130	62	240226	50.39	ug/L	97

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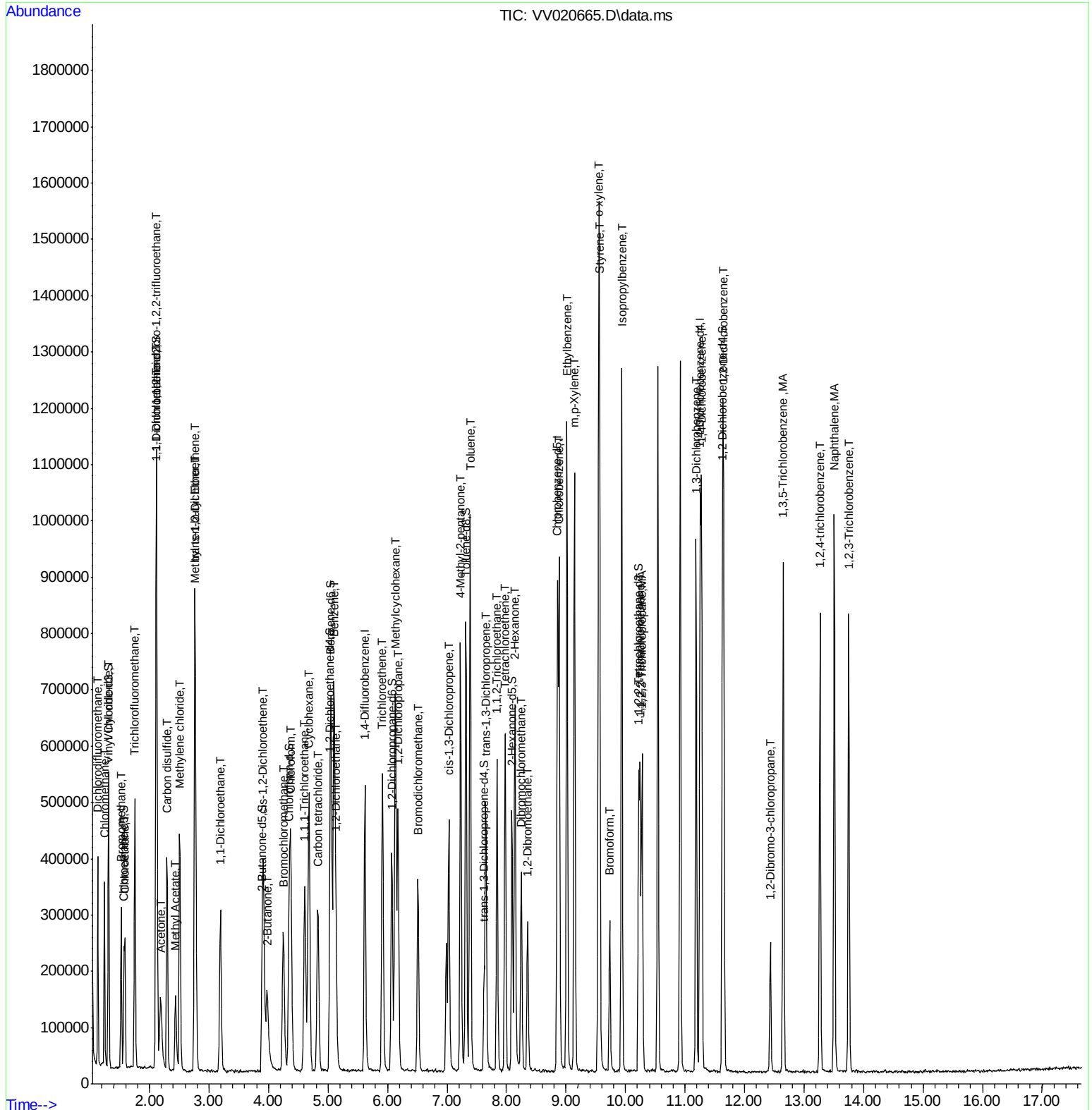
Instrument :
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 ClientSampleId :
 VSTD05082

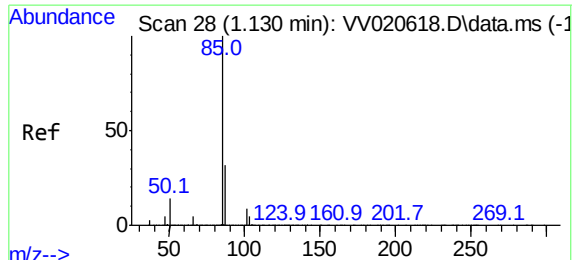
Quant Time: Mar 19 03:55:20 2021
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 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 01:14:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	260800	50.78	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	254366	50.19	ug/L	99
31) Carbon tetrachloride	4.831	117	213780	51.92	ug/L	97
33) Benzene	5.101	78	646834	51.12	ug/L	100
34) Trichloroethene	5.915	95	177119	49.62	ug/L	99
35) Methylcyclohexane	6.133	83	260044	53.00	ug/L	99
37) 1,2-Dichloropropane	6.175	63	171297	51.85	ug/L #	93
38) Bromodichloromethane	6.513	83	218922	50.33	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	243477	49.69	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	513877	103.43	ug/L	97
42) Toluene	7.391	91	688019	52.09	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	249095	51.71	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	161223	52.37	ug/L	98
46) Tetrachloroethene	7.979	164	119750	52.28	ug/L	96
48) 2-Hexanone	8.140	43	419777	108.17	ug/L	99
49) Dibromochloromethane	8.249	129	164992	51.48	ug/L	97
50) 1,2-Dibromoethane	8.355	107	166804	50.60	ug/L	99
51) Chlorobenzene	8.886	112	437157	51.17	ug/L	99
52) Ethylbenzene	9.014	91	774771	51.82	ug/L	100
53) m,p-Xylene	9.143	106	284837	52.16	ug/L	99
54) o-xylene	9.548	106	281373	53.23	ug/L	97
55) Styrene	9.564	104	490712	53.16	ug/L	97
56) Isopropylbenzene	9.937	105	754852	52.78	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	241479	52.82	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	211384	50.49	ug/L	99
61) Bromoform	9.734	173	109471	50.74	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	350271	50.67	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	355882	49.32	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	349864	50.84	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.432	75	51665	49.72	ug/L	97
67) 1,3,5-Trichlorobenzene	12.651	180	248610	50.50	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	216579	50.67	ug/L	97
69) Naphthalene	13.509	128	696201	50.10	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	217234	51.27	ug/L	99

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

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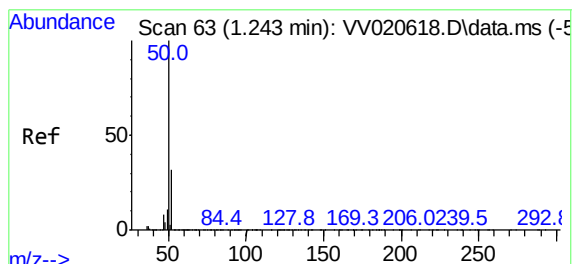
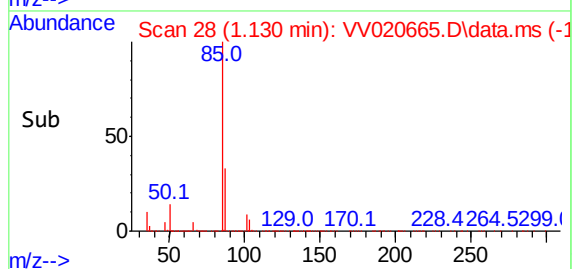
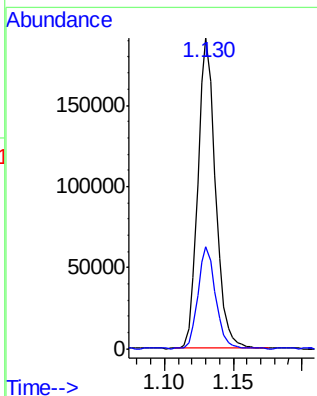
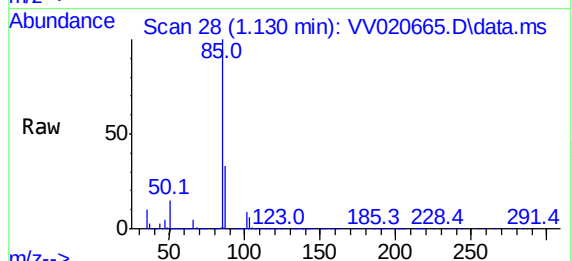




#2
 Dichlorodifluoromethane
 Concen: 49.70 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020665.D
 Acq: 18 Mar 2021 10:08

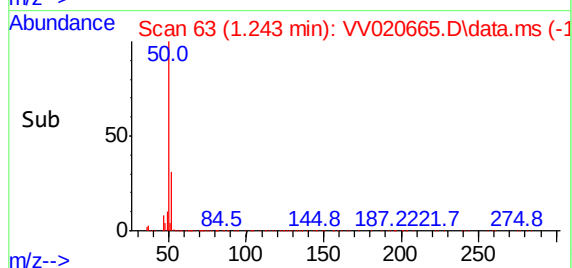
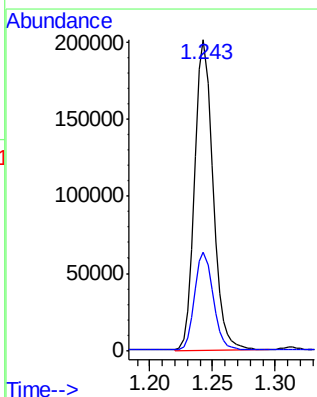
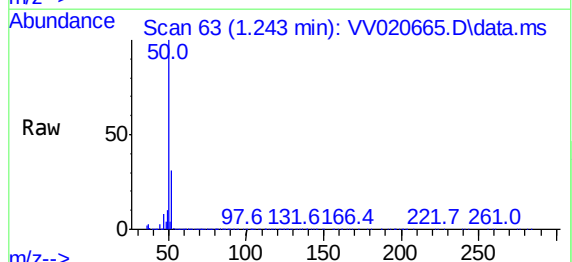
Instrument :
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 ClientSampleId :
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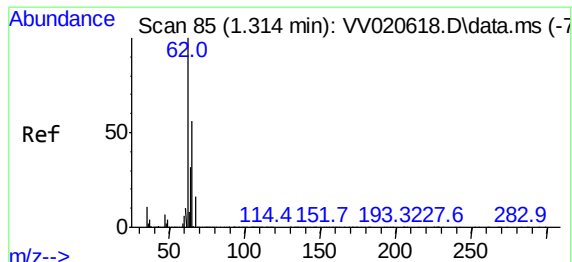
Tgt Ion: 85 Resp: 172323
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 50.83 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020665.D
 Acq: 18 Mar 2021 10:08

Tgt Ion: 50 Resp: 203862
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.7 42.1

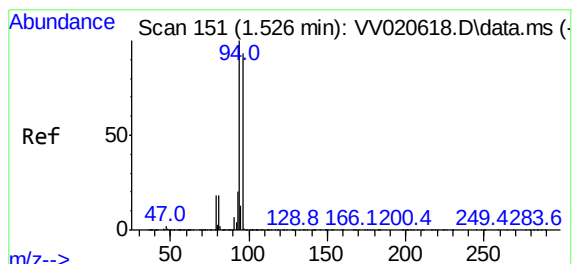
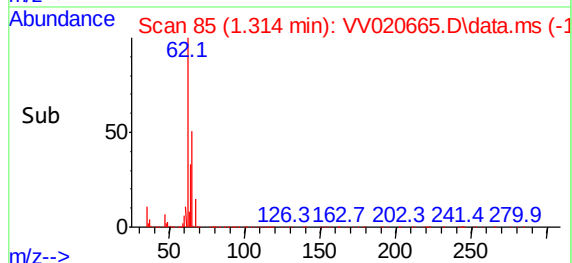
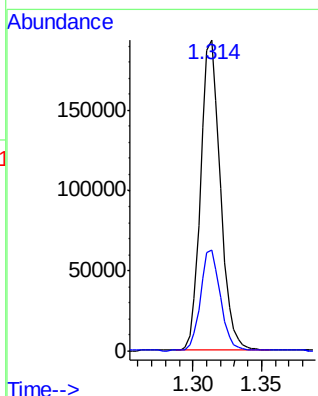
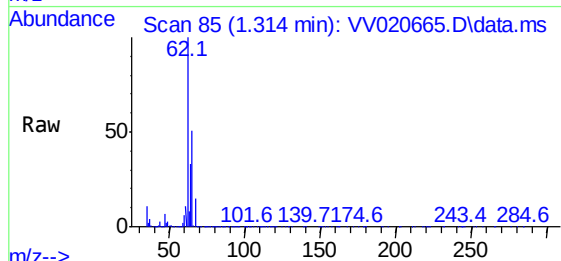




#5
Vinyl chloride
Concen: 48.17 ug/L
RT: 1.314 min Scan# 85
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

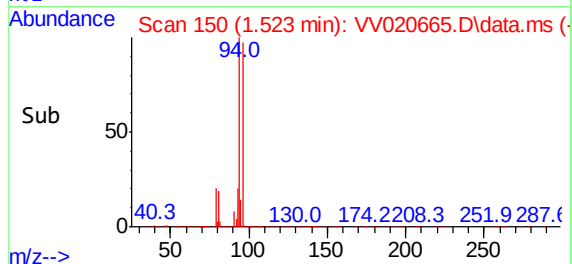
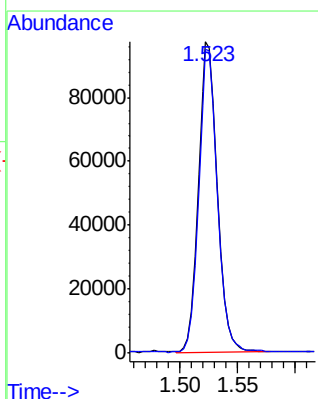
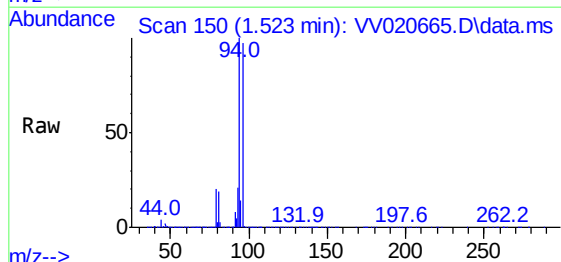
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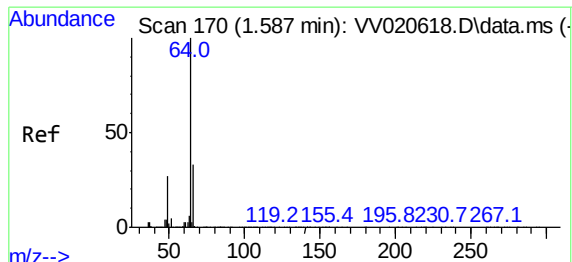
Tgt Ion: 62 Resp: 193709
Ion Ratio Lower Upper
62 100
64 32.6 23.0 42.6



#6
Bromomethane
Concen: 47.09 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 94 Resp: 111558
Ion Ratio Lower Upper
94 100
96 97.4 63.6 118.2

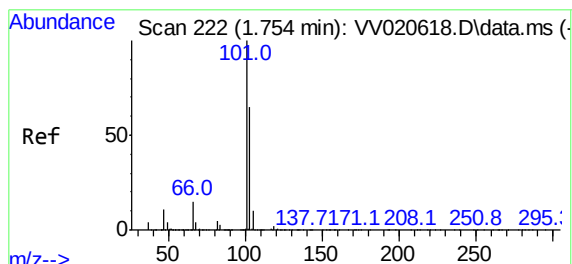
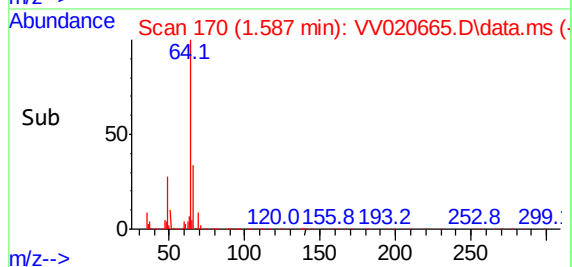
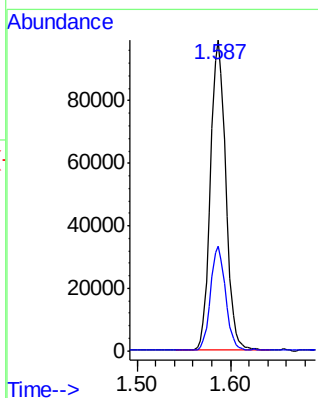
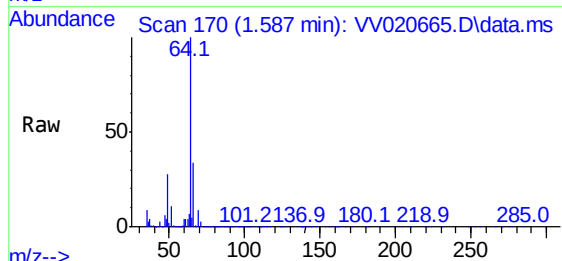




#8
Chloroethane
Concen: 46.65 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

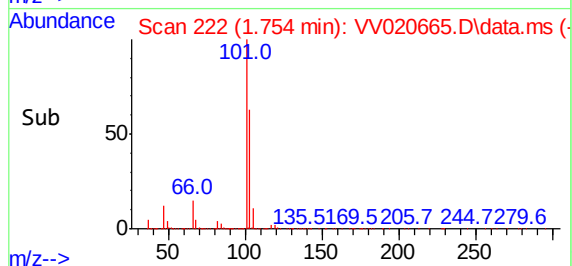
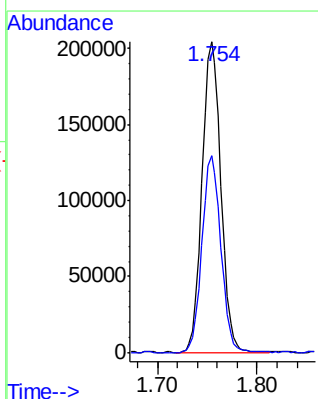
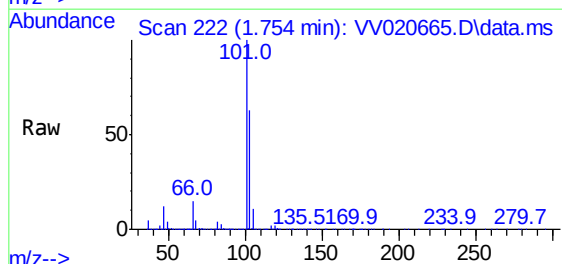
Instrument :
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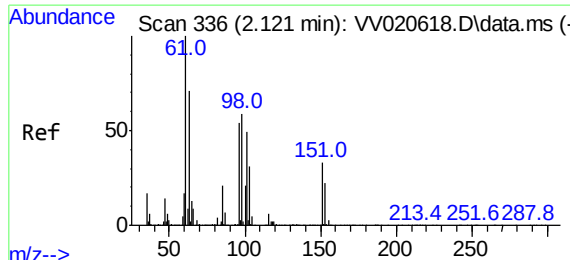
Tgt Ion: 64 Resp: 113832
Ion Ratio Lower Upper
64 100
66 33.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.90 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 101 Resp: 267392
Ion Ratio Lower Upper
101 100
103 63.7 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.32 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV020665.D

Acq: 18 Mar 2021 10:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD05082

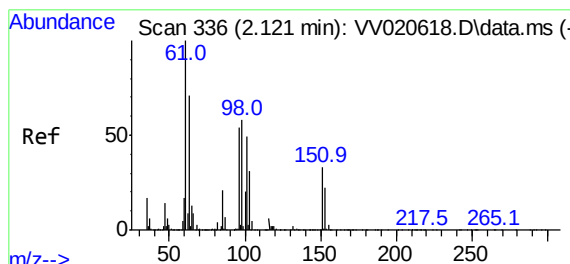
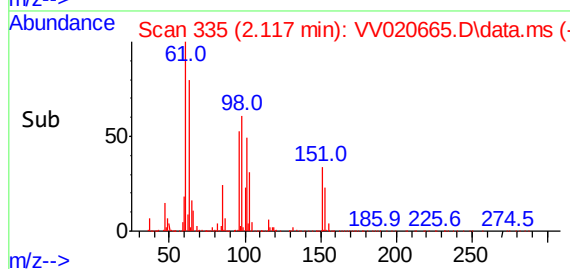
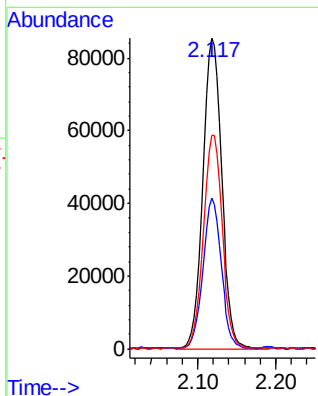
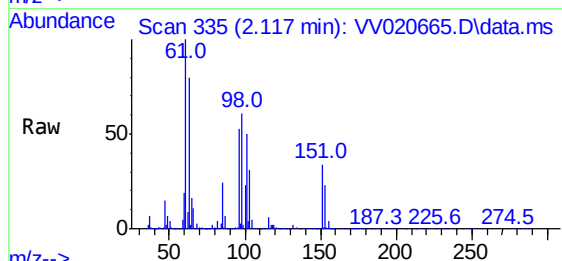
Tgt Ion:101 Resp: 144122

Ion Ratio Lower Upper

101 100

85 46.8 35.3 52.9

151 68.7 53.6 80.4



#12

1,1-Dichloroethene

Concen: 47.11 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV020665.D

Acq: 18 Mar 2021 10:08

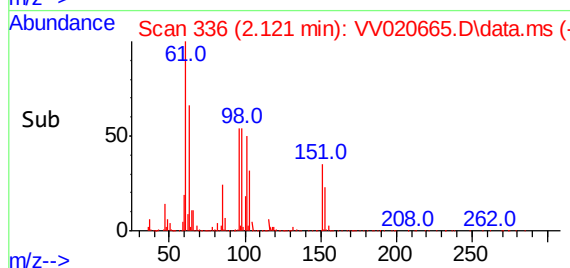
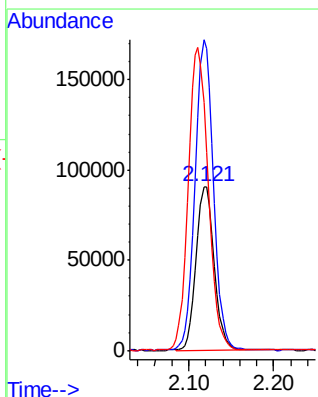
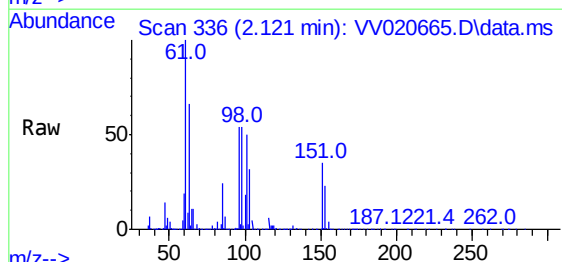
Tgt Ion: 96 Resp: 133545

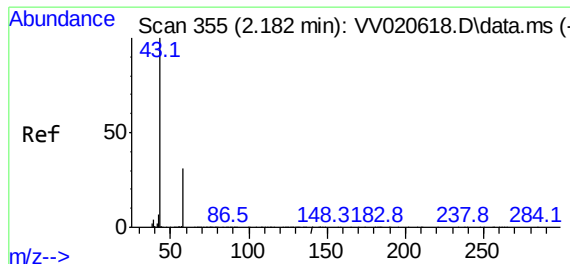
Ion Ratio Lower Upper

96 100

61 184.0 134.9 250.5

63 121.0 117.6 218.4

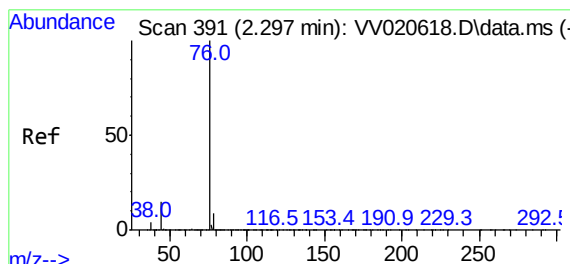
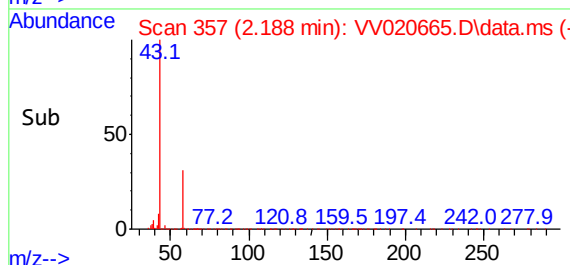
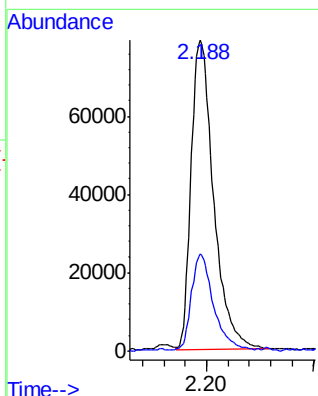
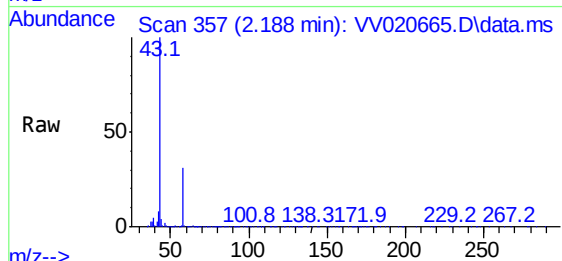




#13
Acetone
Concen: 130.05 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.006 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

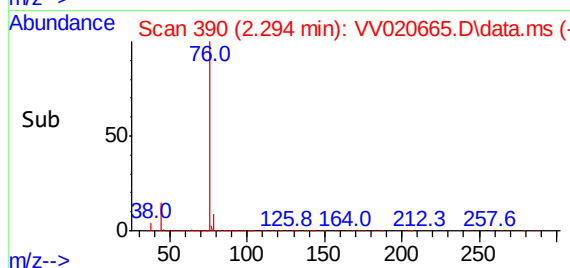
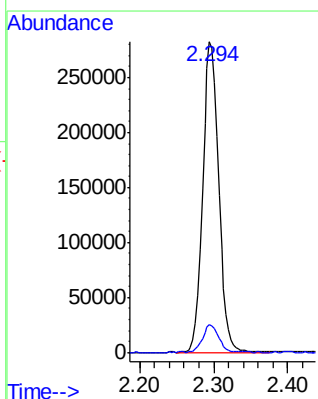
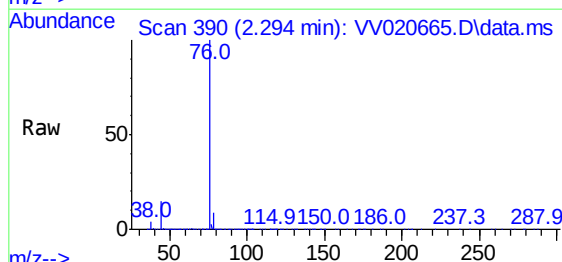
Instrument :
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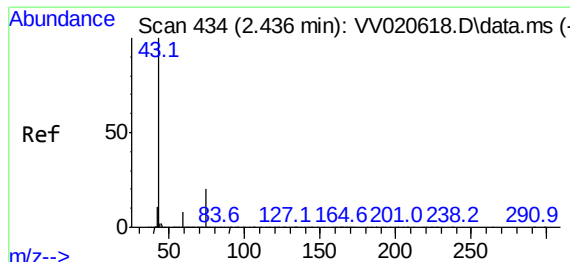
Tgt Ion: 43 Resp: 230945
Ion Ratio Lower Upper
43 100
58 30.1 0.0 60.2



#14
Carbon disulfide
Concen: 49.24 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 76 Resp: 423270
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

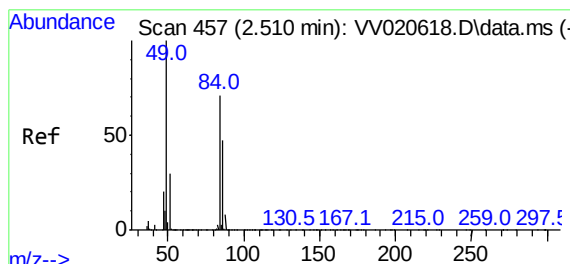
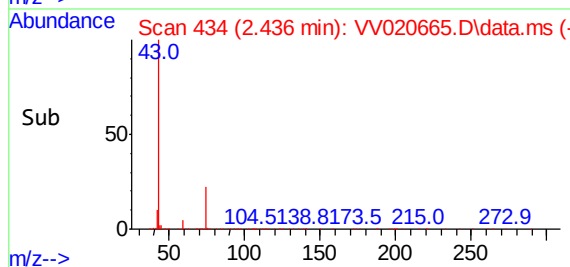
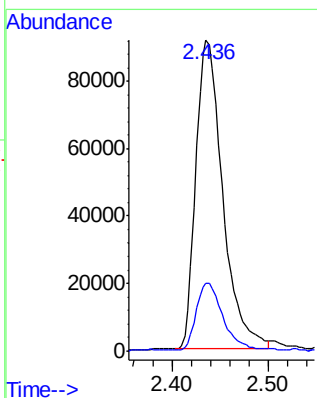
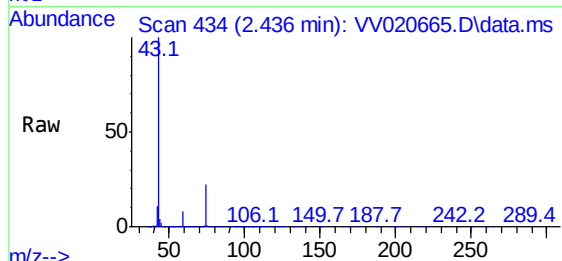




#15
Methyl Acetate
Concen: 52.43 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

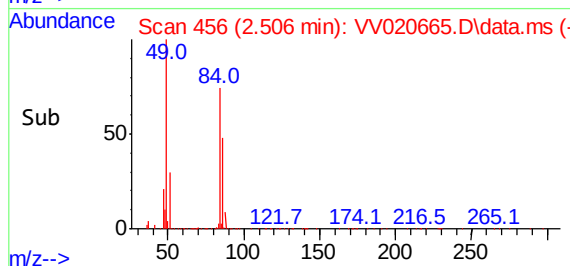
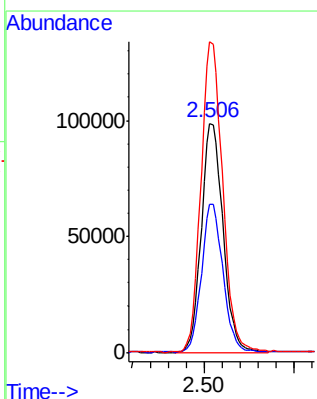
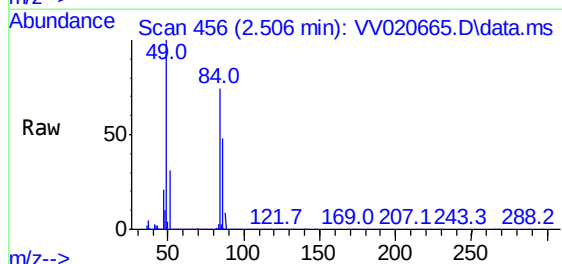
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

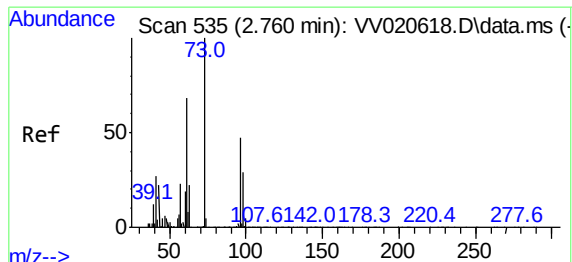
Tgt Ion: 43 Resp: 178339
Ion Ratio Lower Upper
43 100
74 21.7 17.6 26.4



#16
Methylene chloride
Concen: 49.86 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 84 Resp: 163780
Ion Ratio Lower Upper
84 100
86 64.9 44.6 82.8
49 135.8 94.6 175.8

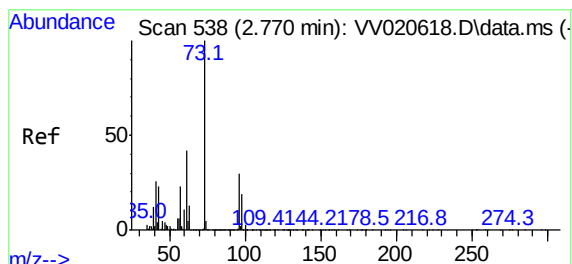
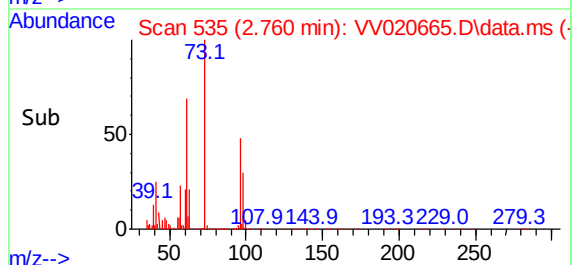
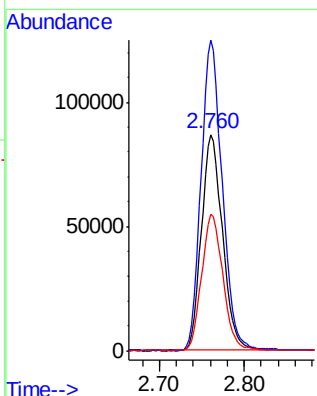
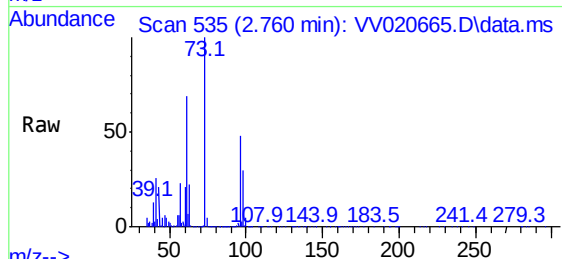




#17
trans-1,2-Dichloroethene
Concen: 49.42 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

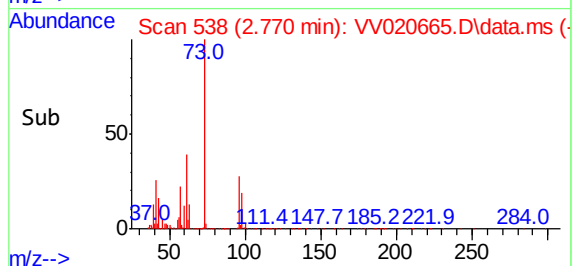
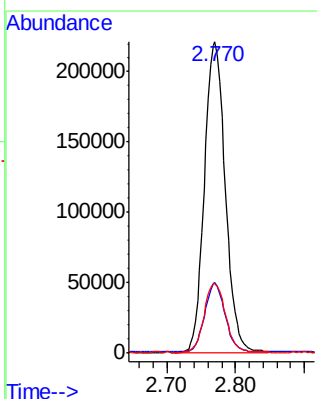
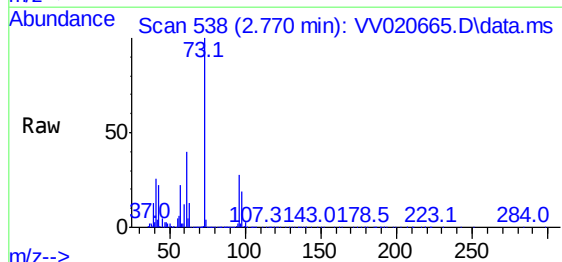
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

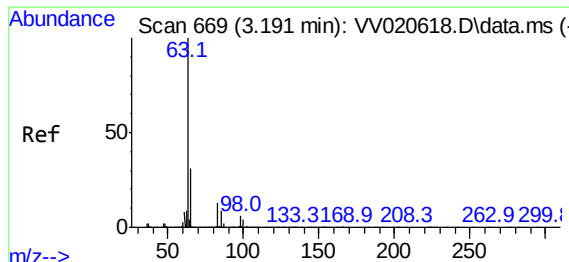
Tgt Ion: 96 Resp: 149664
Ion Ratio Lower Upper
96 100
61 143.8 103.1 191.5
98 63.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 50.38 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 73 Resp: 463984
Ion Ratio Lower Upper
73 100
43 21.4 17.3 25.9
57 22.9 17.9 26.9

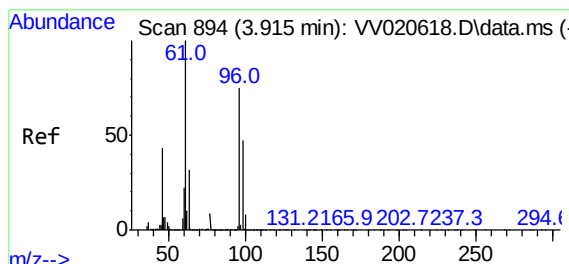
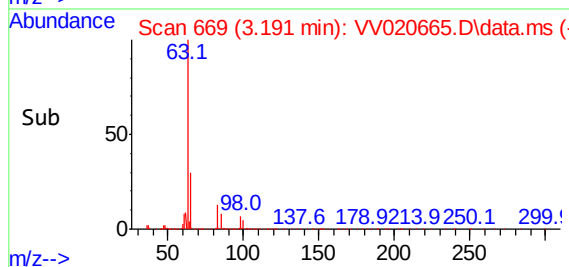
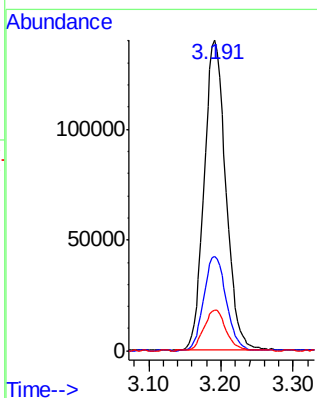
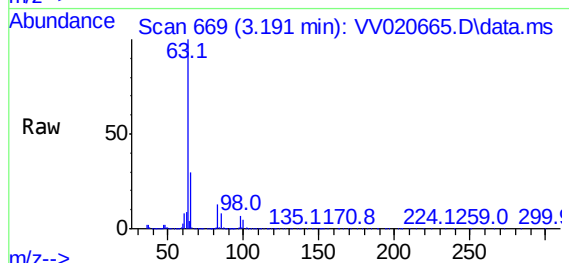




#19
1,1-Dichloroethane
Concen: 50.50 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

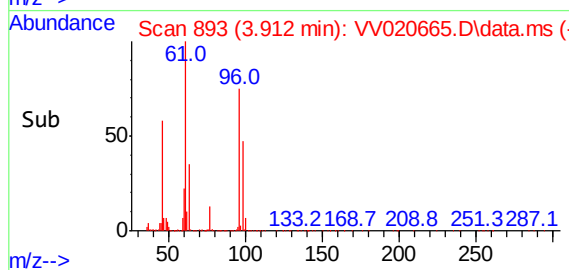
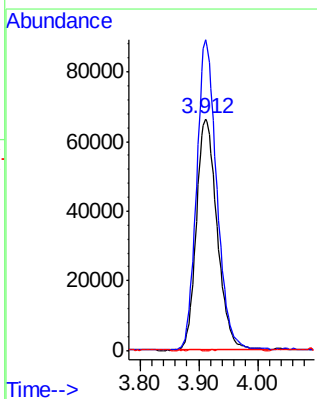
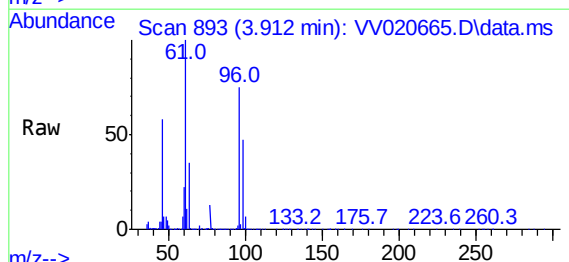
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

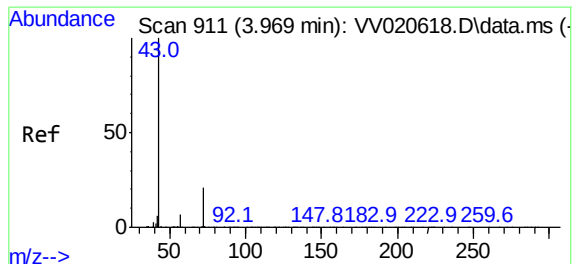
Tgt Ion: 63 Resp: 291820
Ion Ratio Lower Upper
63 100
65 30.2 21.9 40.7
83 13.2 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.50 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 96 Resp: 164141
Ion Ratio Lower Upper
96 100
61 133.9 96.9 179.9
68 0.0 0.0 0.0

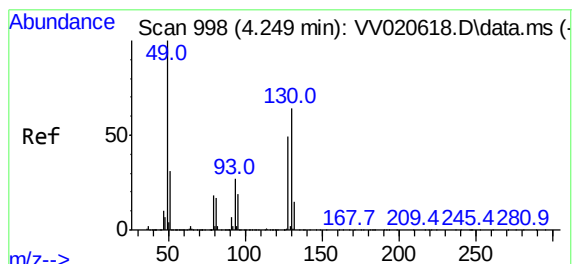
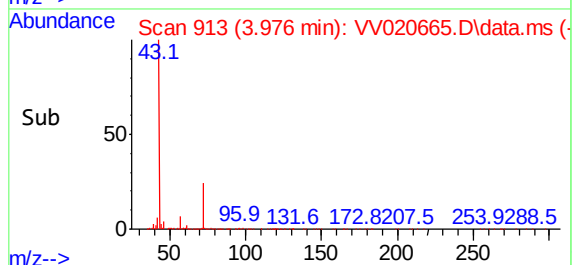
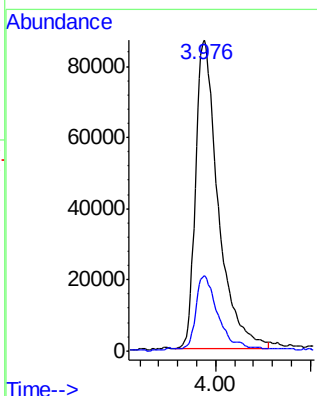
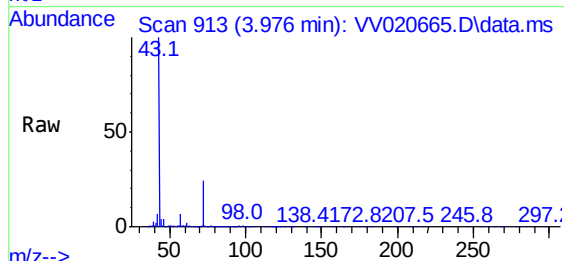




#22
2-Butanone
Concen: 117.05 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.006 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

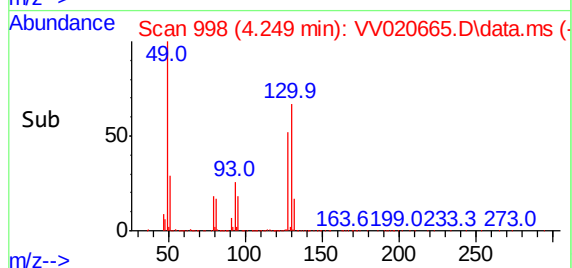
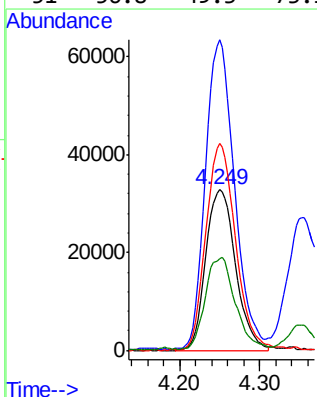
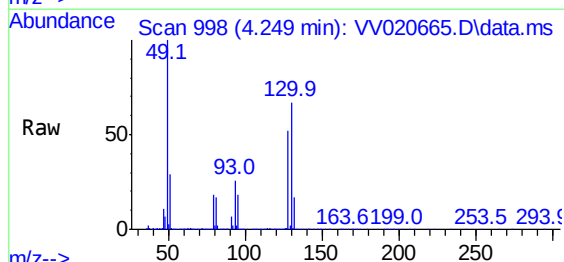
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

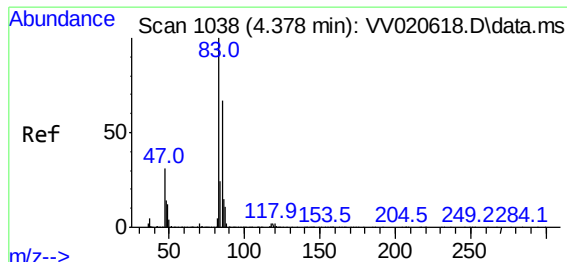
Tgt Ion: 43 Resp: 287505
Ion Ratio Lower Upper
43 100
72 21.4 12.2 36.6



#23
Bromochloromethane
Concen: 52.81 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 128 Resp: 82389
Ion Ratio Lower Upper
128 100
49 193.1 133.1 247.1
130 128.6 89.0 165.4
51 56.8 49.3 73.9

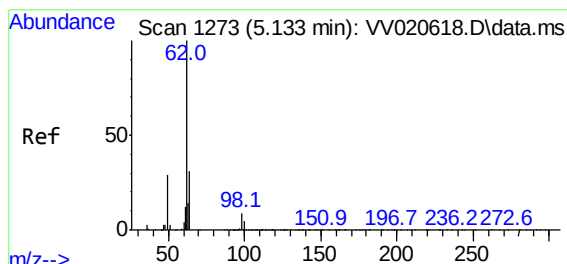
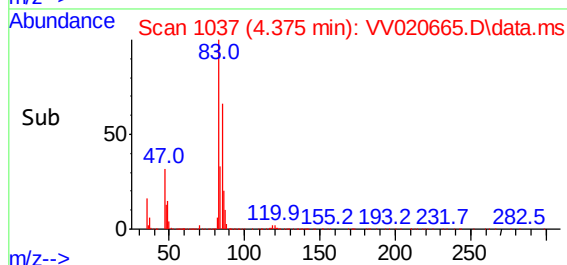
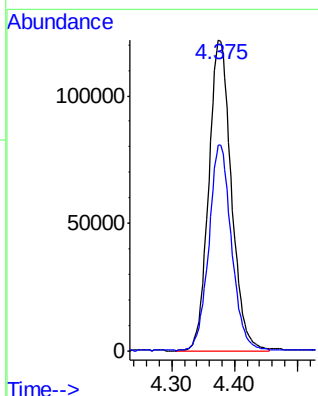
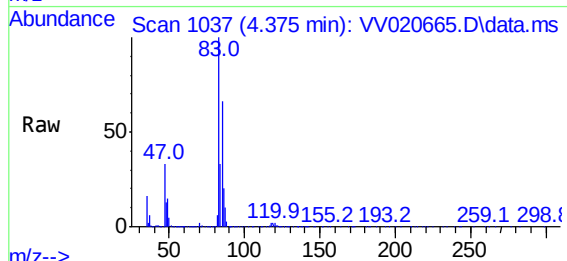




#25
Chloroform
Concen: 50.73 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

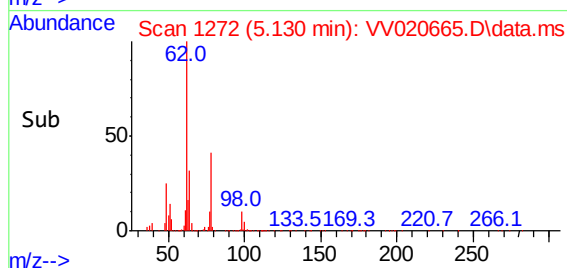
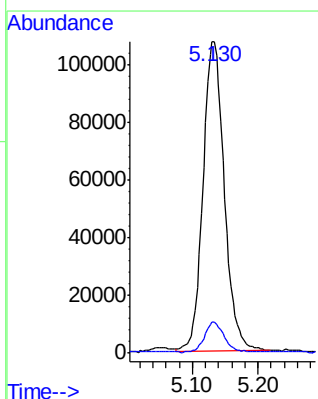
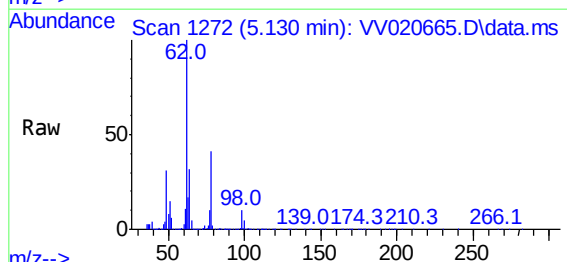
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

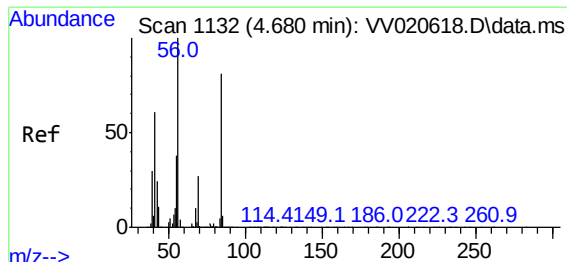
Tgt Ion: 83 Resp: 306198
Ion Ratio Lower Upper
83 100
85 66.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 50.39 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 62 Resp: 240226
Ion Ratio Lower Upper
62 100
98 9.8 6.9 10.3



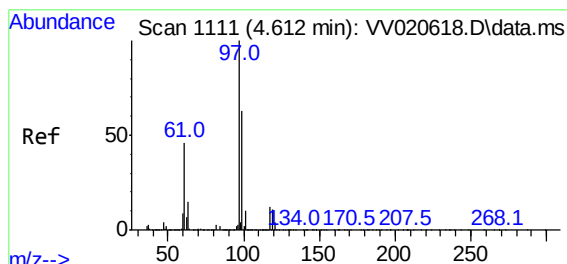
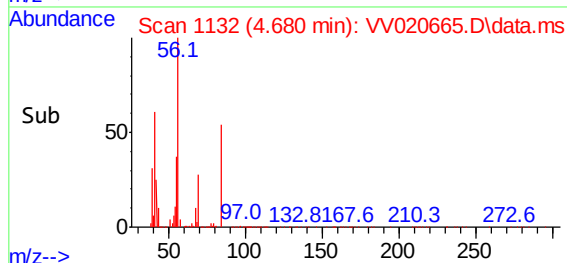
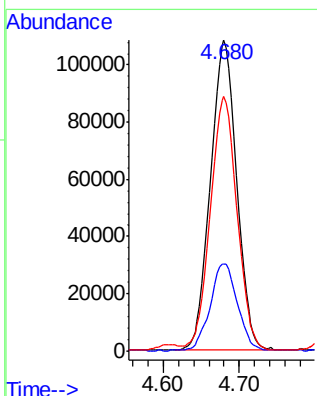
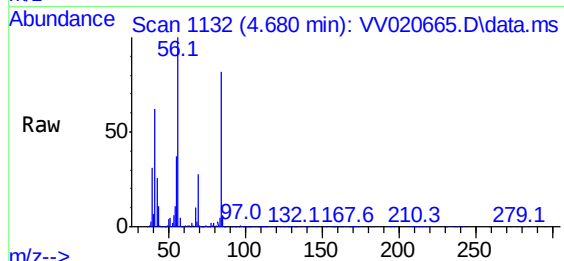


#29
Cyclohexane
Concen: 50.78 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

Tgt Ion: 56 Resp: 260800

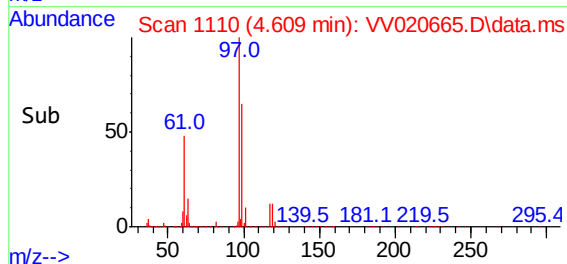
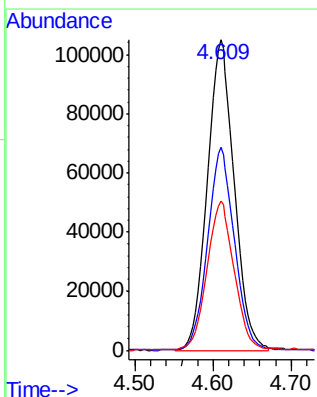
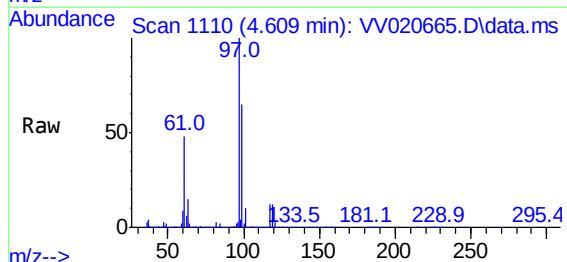
Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.2	36.2
84	82.7	66.3	99.5

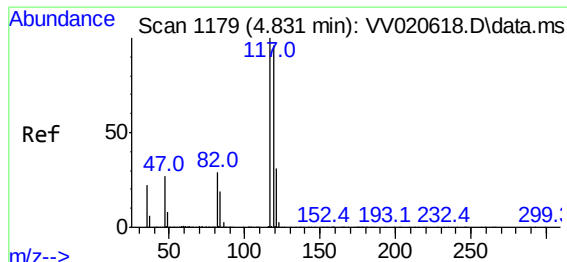


#30
1,1,1-Trichloroethane
Concen: 50.19 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 97 Resp: 254366

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.2	76.8
61	48.4	38.5	57.7

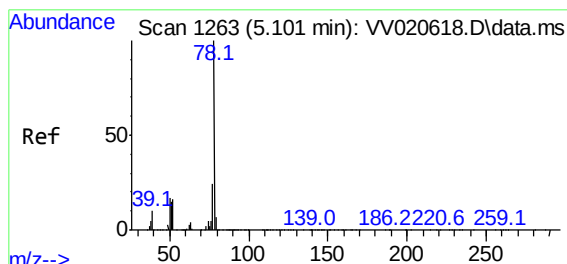
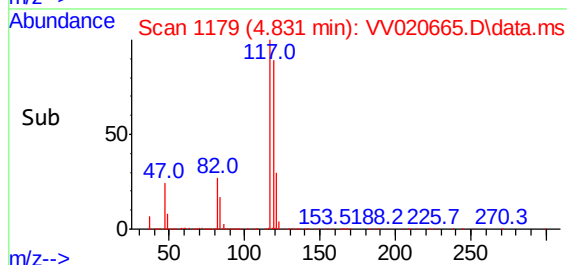
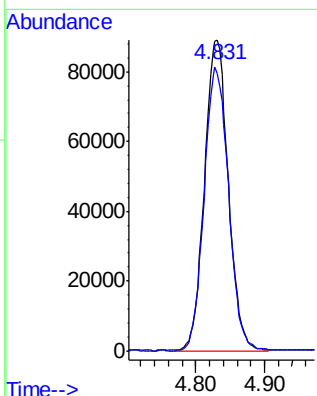
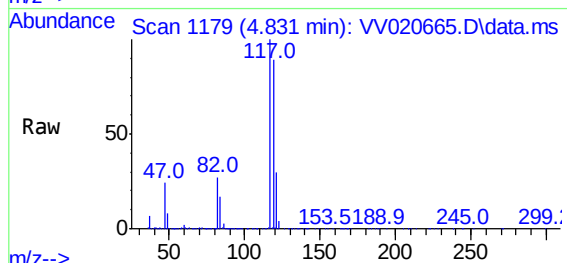




#31
Carbon tetrachloride
Concen: 51.92 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

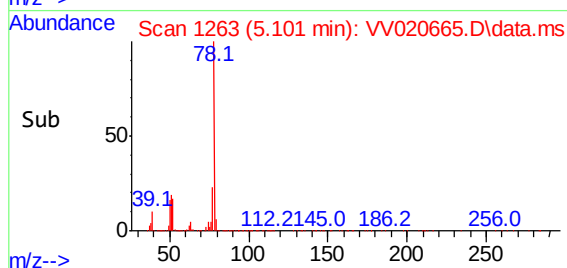
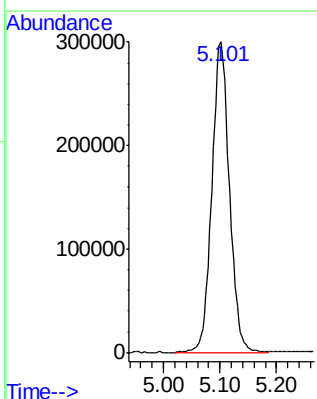
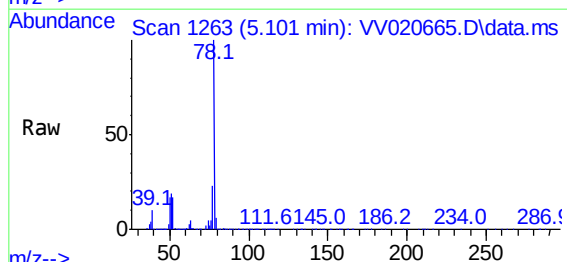
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

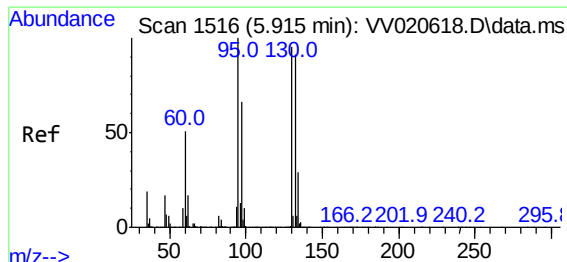
Tgt Ion:117 Resp: 213780
Ion Ratio Lower Upper
117 100
119 92.9 76.3 114.5



#33
Benzene
Concen: 51.12 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 78 Resp: 646834



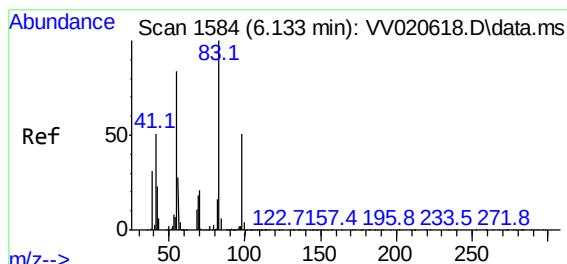
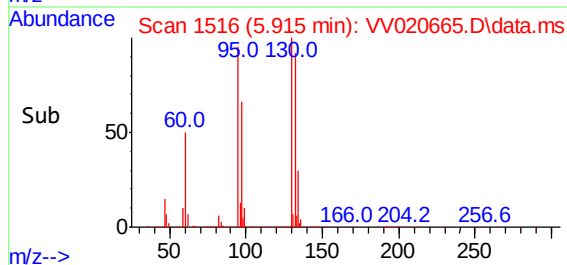
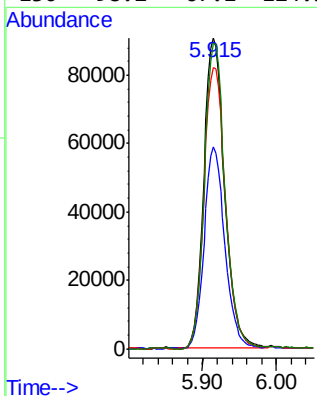
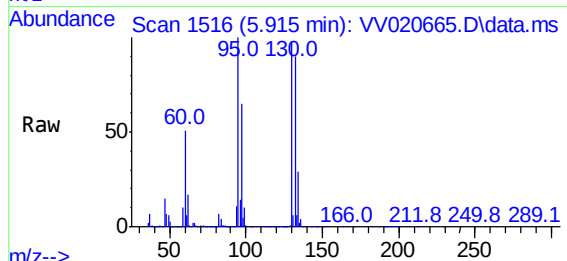


#34
Trichloroethene
Concen: 49.62 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

Tgt Ion: 95 Resp: 177119

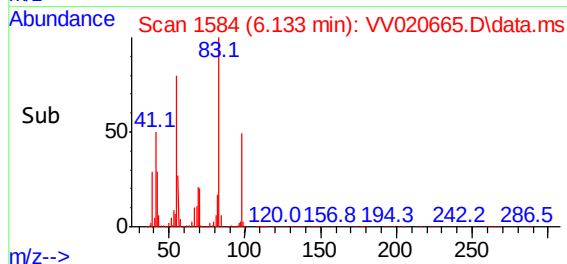
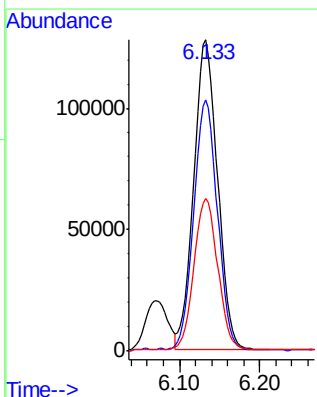
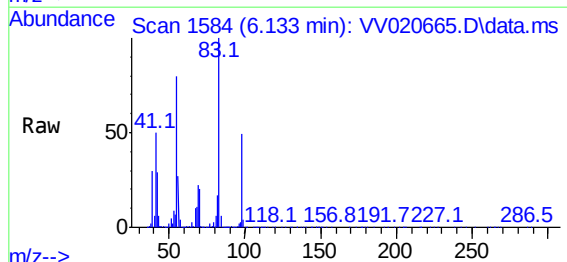
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.5	82.7
132	90.4	63.4	117.8
130	98.2	67.1	124.5

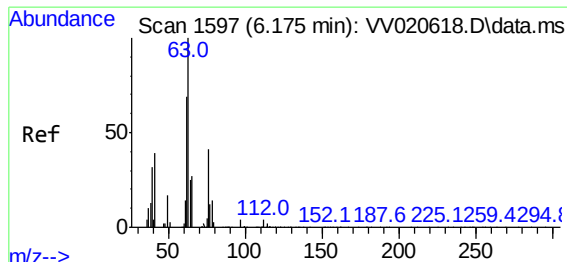


#35
Methylcyclohexane
Concen: 53.00 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 83 Resp: 260044

Ion	Ratio	Lower	Upper
83	100		
55	80.3	65.1	97.7
98	48.5	38.2	57.2

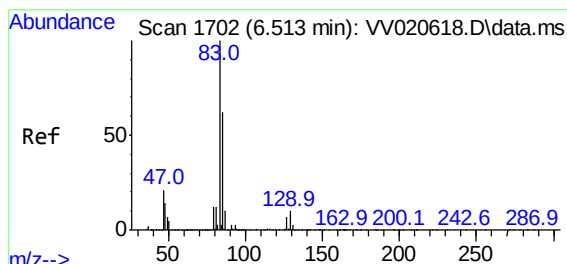
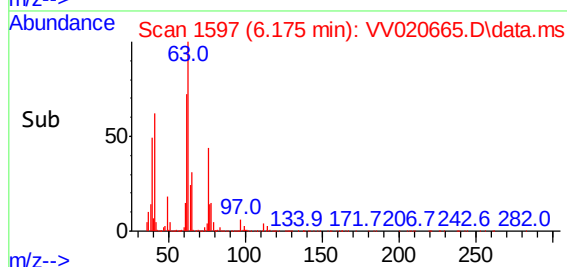
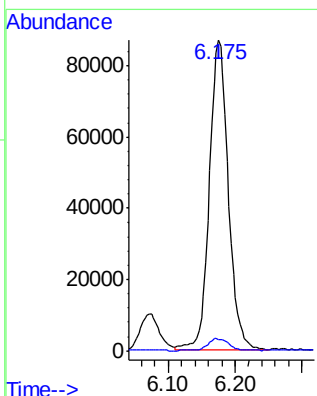
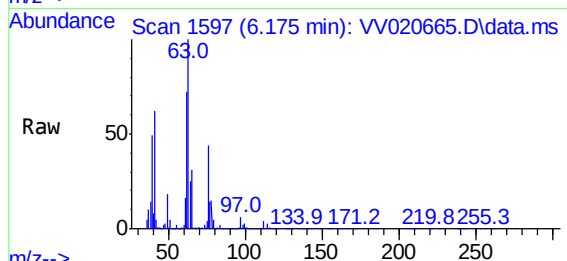




#37
1,2-Dichloropropane
Concen: 51.85 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

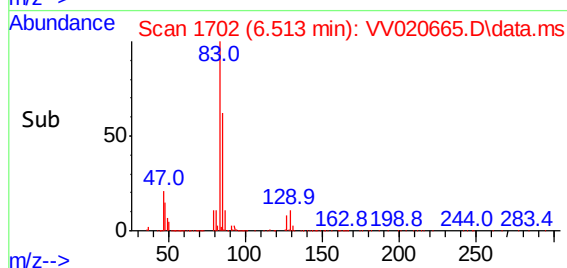
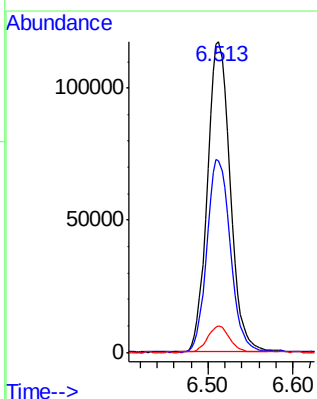
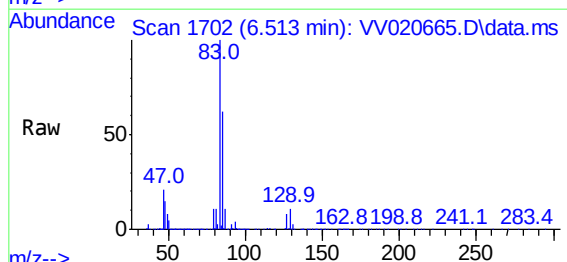
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

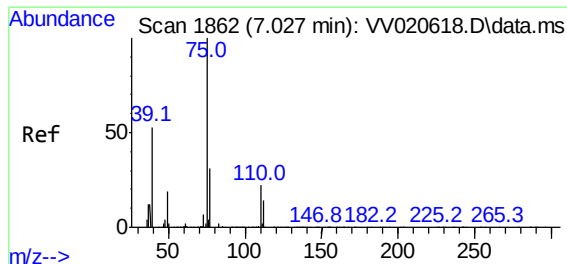
Tgt Ion: 63 Resp: 171297
Ion Ratio Lower Upper
63 100
112 1.9 3.3 4.9#



#38
Bromodichloromethane
Concen: 50.33 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 83 Resp: 218922
Ion Ratio Lower Upper
83 100
85 61.6 44.5 82.7
127 8.4 6.3 9.5

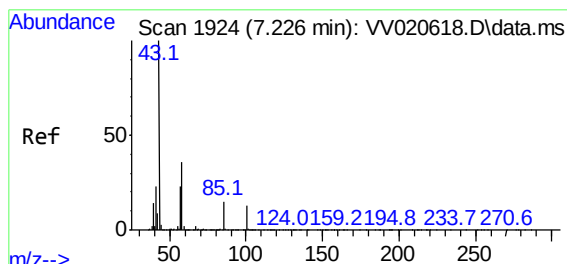
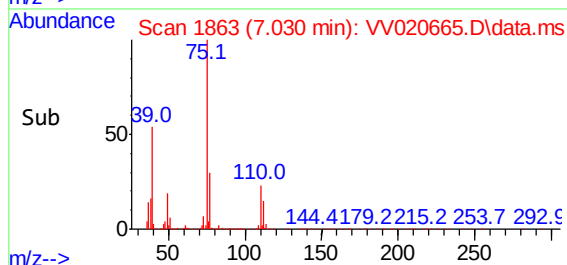
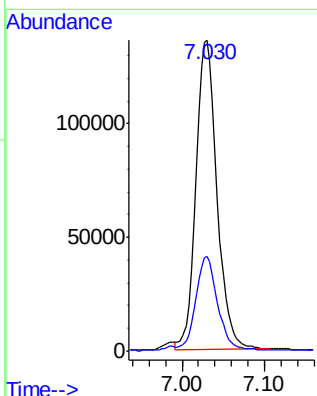
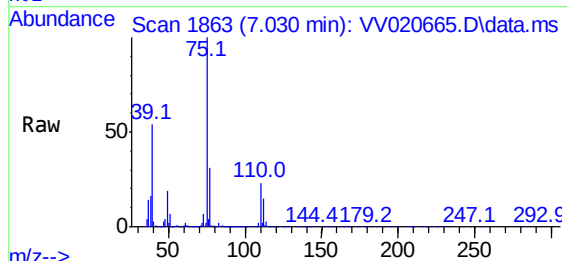




#39
cis-1,3-Dichloropropene
Concen: 49.69 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

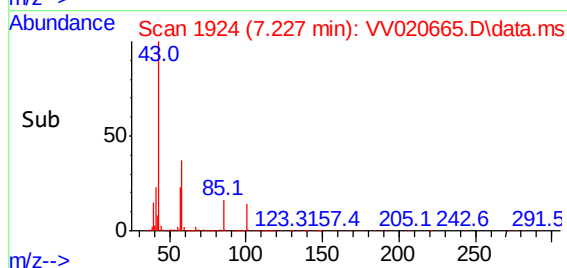
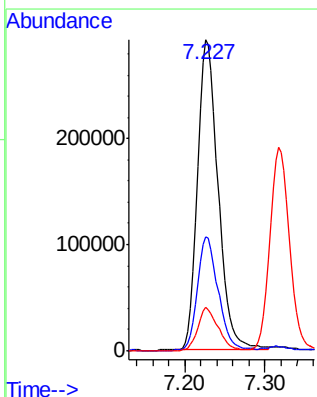
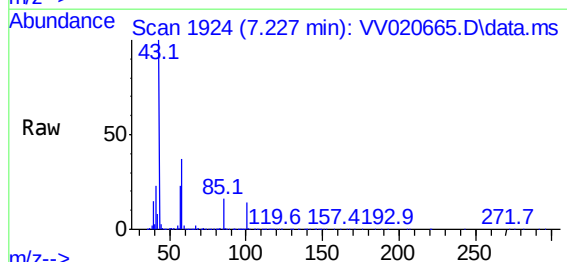
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

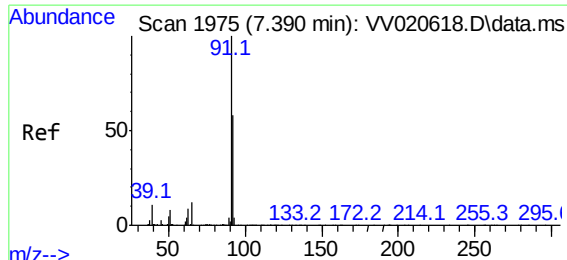
Tgt Ion: 75 Resp: 243477
Ion Ratio Lower Upper
75 100
77 30.5 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 103.43 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 43 Resp: 513877
Ion Ratio Lower Upper
43 100
58 36.3 30.7 46.1
100 13.4 11.6 17.4





#42

Toluene

Concen: 52.09 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV020665.D

Acq: 18 Mar 2021 10:08

Tgt Ion: 91 Resp: 688019

Ion Ratio Lower Upper

91 100

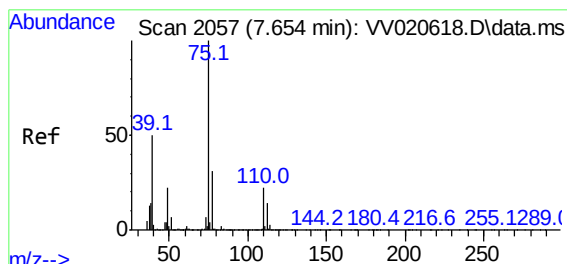
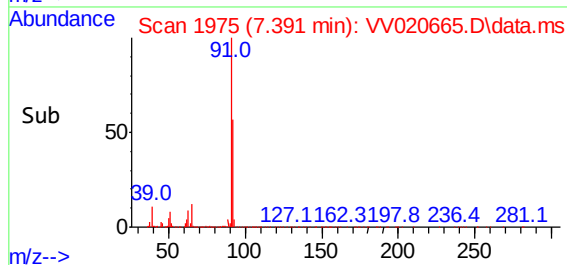
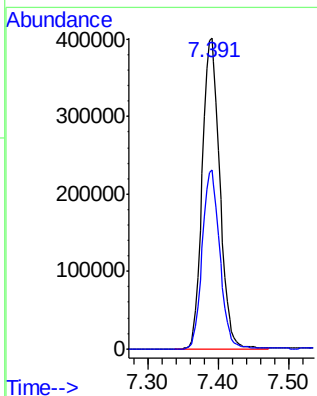
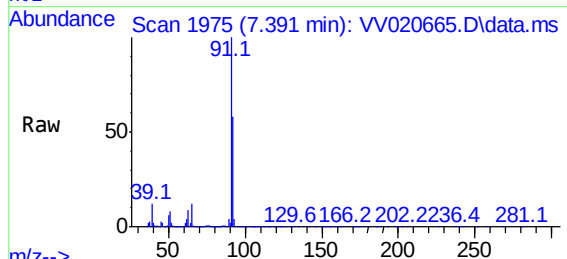
92 57.5 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05082



#44

trans-1,3-Dichloropropene

Concen: 51.71 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV020665.D

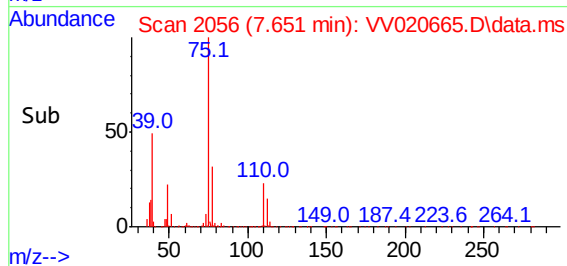
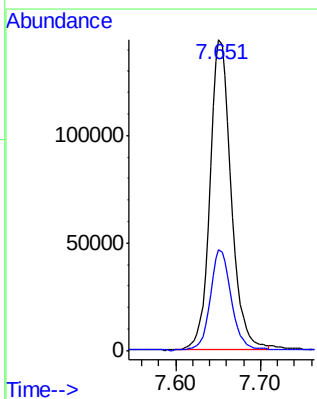
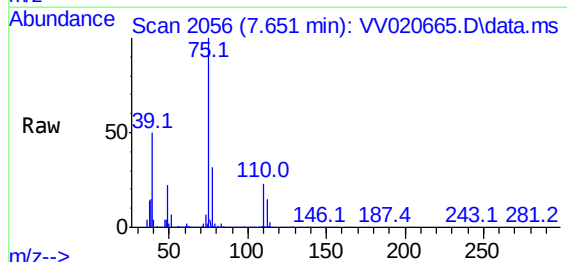
Acq: 18 Mar 2021 10:08

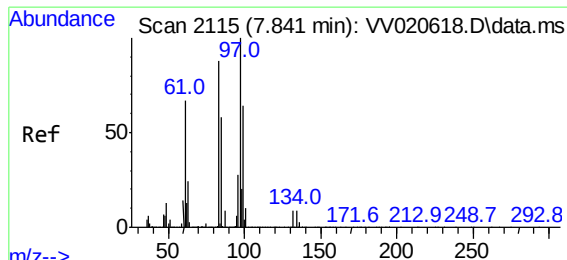
Tgt Ion: 75 Resp: 249095

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0



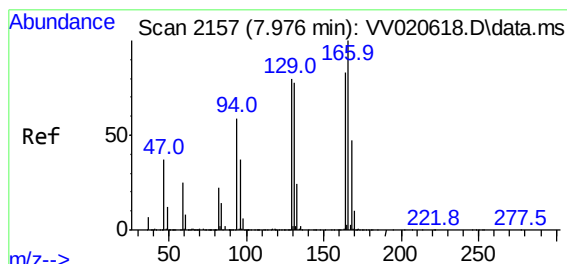
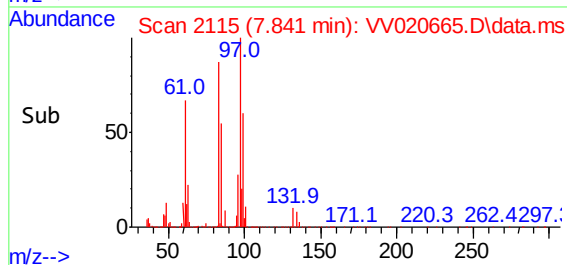
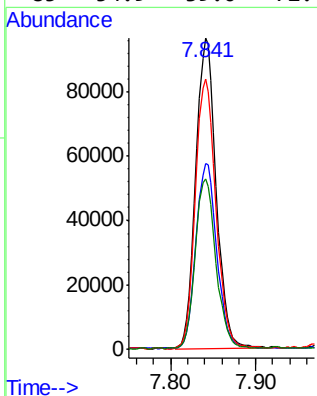
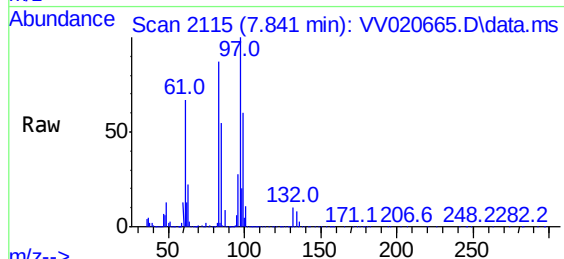


#45
1,1,2-Trichloroethane
Concen: 52.37 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

Tgt Ion: 97 Resp: 161223

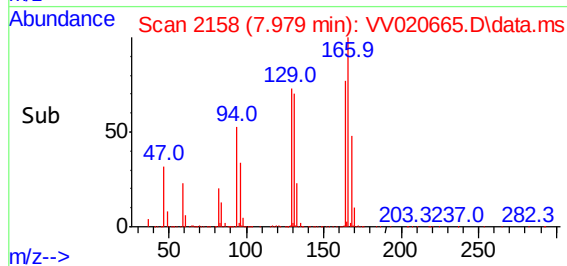
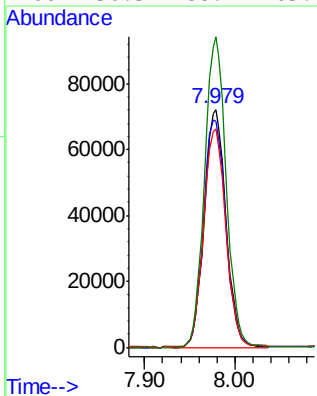
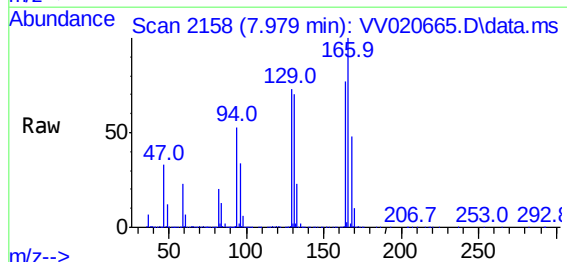
Ion	Ratio	Lower	Upper
97	100		
99	59.8	43.8	81.3
83	86.9	62.2	115.4
85	54.9	39.0	72.4

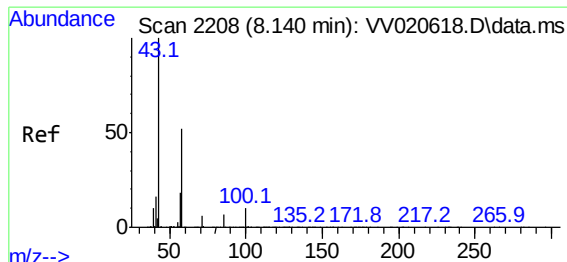


#46
Tetrachloroethene
Concen: 52.28 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 164 Resp: 119750

Ion	Ratio	Lower	Upper
164	100		
129	95.1	70.6	131.0
131	91.6	66.8	124.0
166	130.3	88.2	163.8



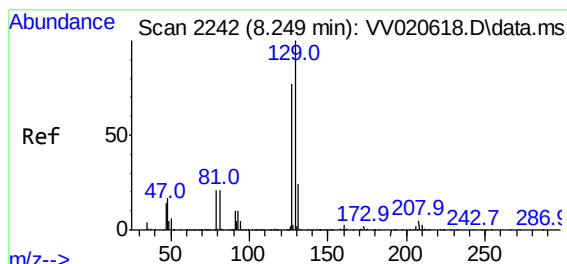
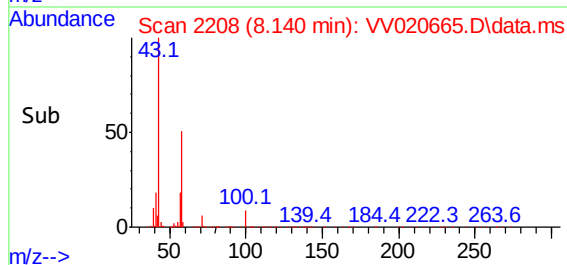
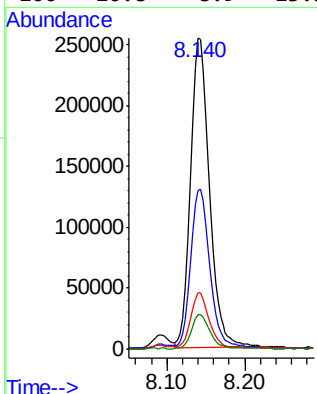
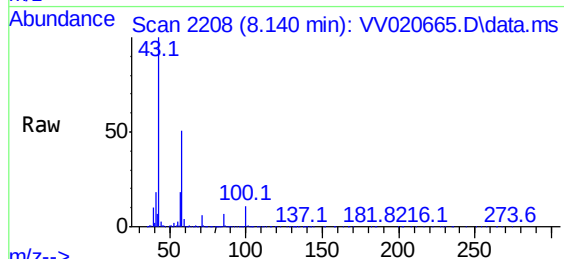


#48
2-Hexanone
Concen: 108.17 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

Tgt Ion: 43 Resp: 419777

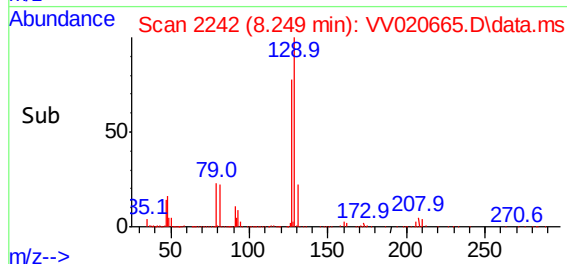
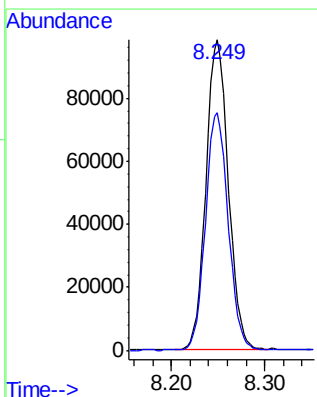
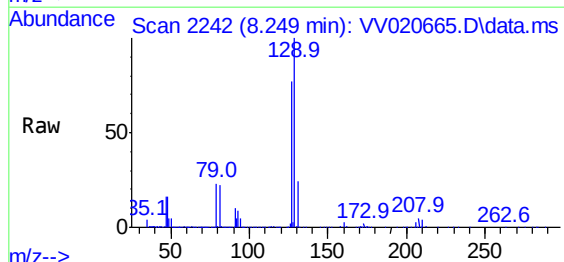
Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.8	62.6
57	17.0	15.0	22.4
100	10.8	8.9	13.3

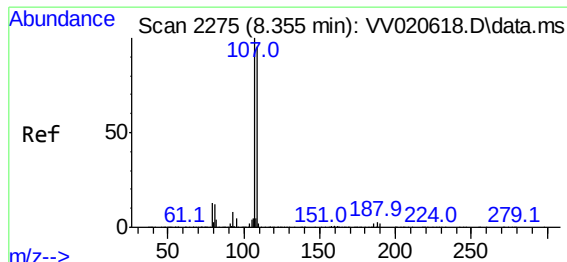


#49
Dibromochloromethane
Concen: 51.48 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 129 Resp: 164992

Ion	Ratio	Lower	Upper
129	100		
127	76.7	55.2	102.6

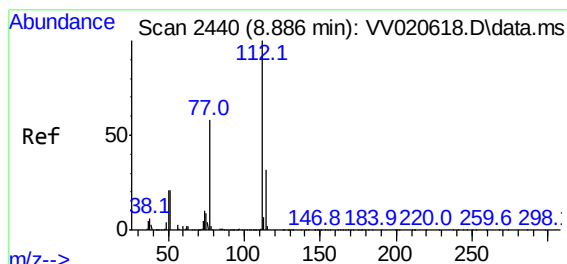
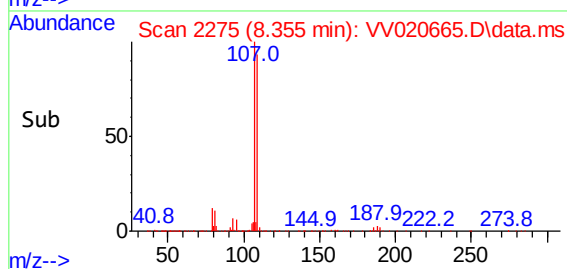
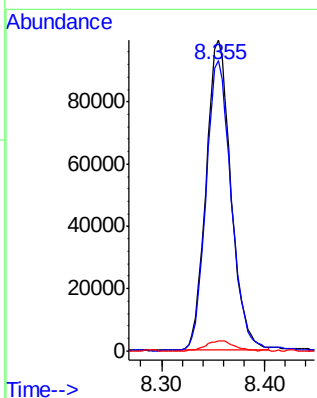
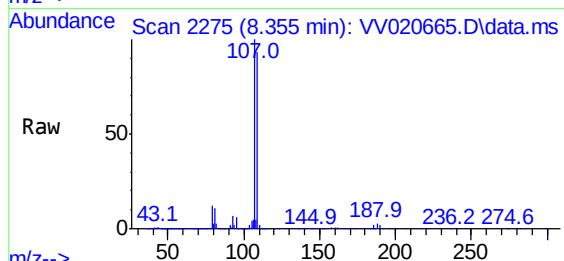




#50
1,2-Dibromoethane
Concen: 50.60 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

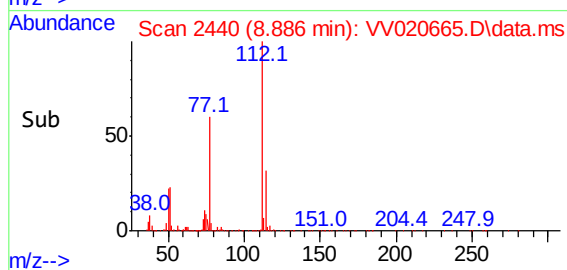
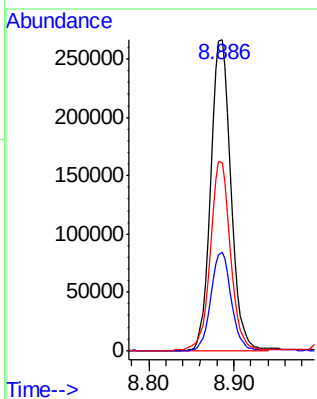
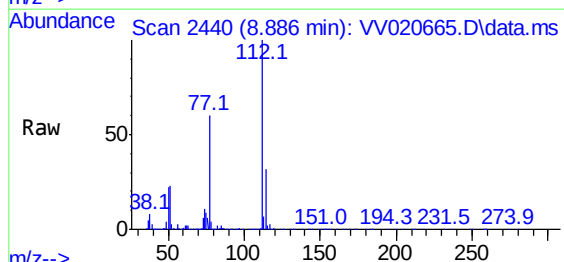
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

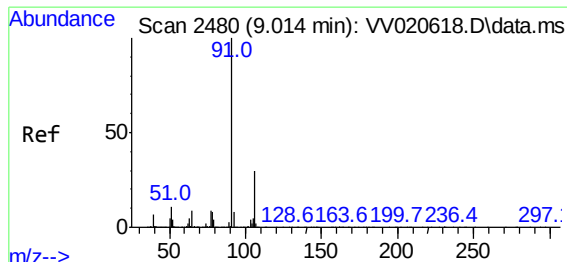
Tgt Ion:107 Resp: 166804
Ion Ratio Lower Upper
107 100
109 93.3 66.2 123.0
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 51.17 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion:112 Resp: 437157
Ion Ratio Lower Upper
112 100
114 31.8 22.2 41.2
77 60.4 49.0 73.6

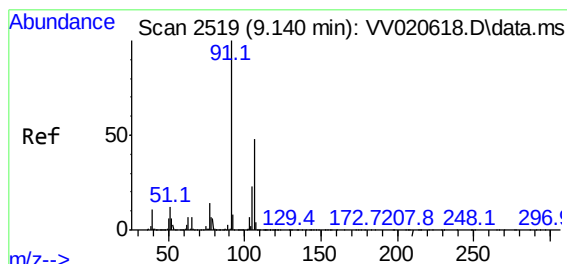
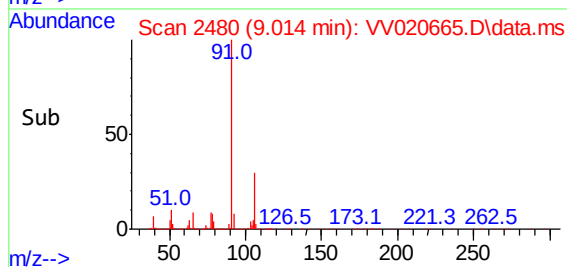
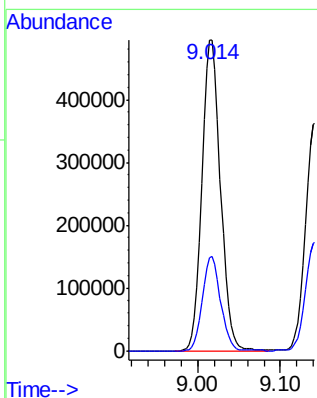
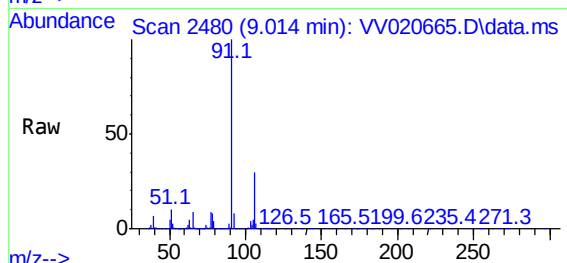




#52
Ethylbenzene
Concen: 51.82 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

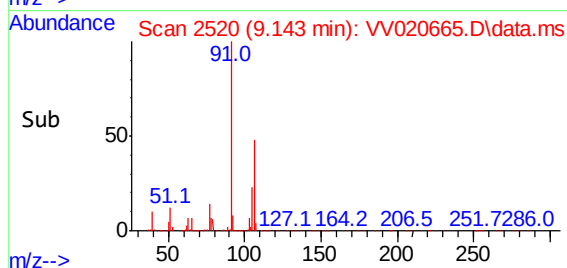
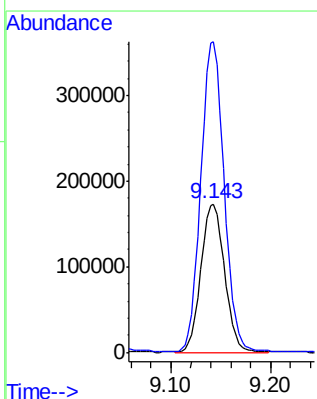
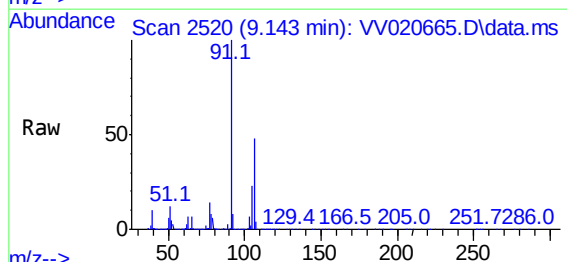
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

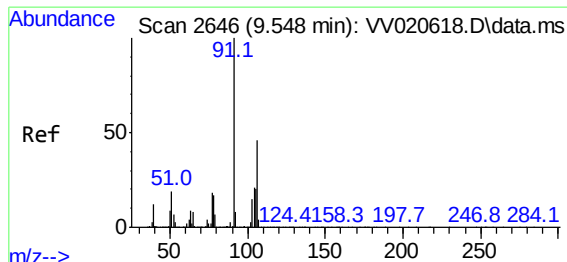
Tgt Ion: 91 Resp: 774771
Ion Ratio Lower Upper
91 100
106 30.0 21.0 39.0



#53
m,p-Xylene
Concen: 52.16 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 106 Resp: 284837
Ion Ratio Lower Upper
106 100
91 209.7 148.1 275.0

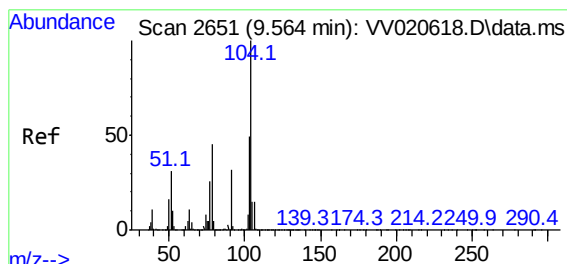
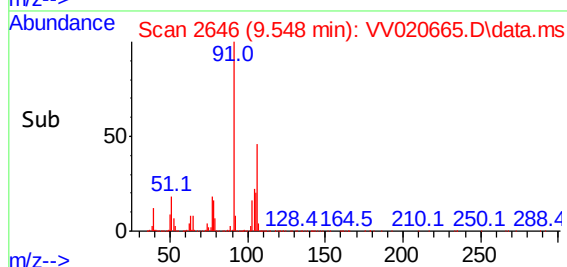
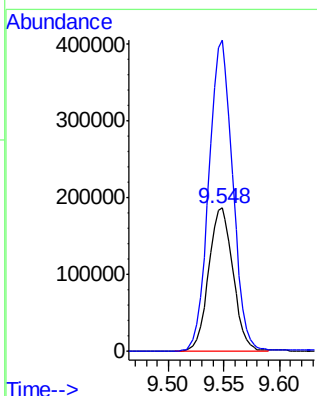
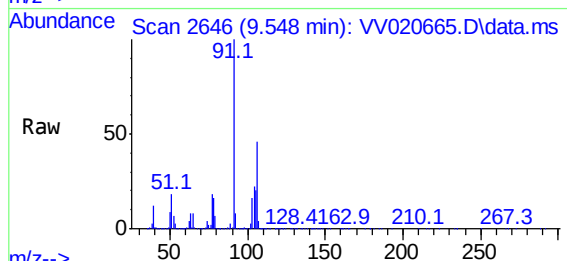




#54
o-xylene
Concen: 53.23 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

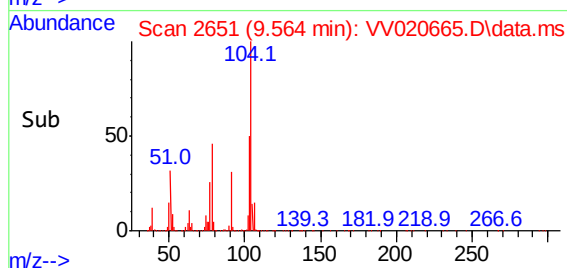
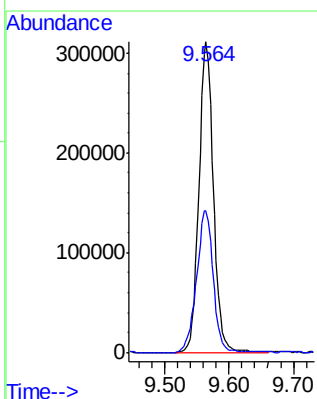
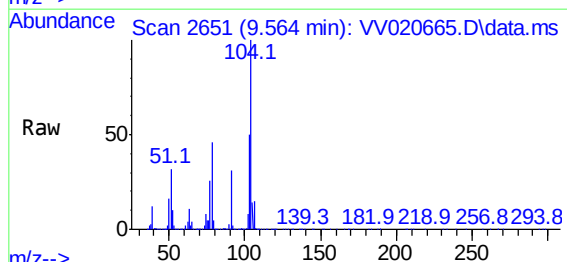
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

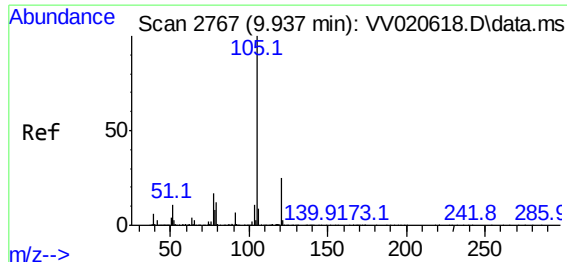
Tgt Ion:106 Resp: 281373
Ion Ratio Lower Upper
106 100
91 218.0 156.4 290.6



#55
Styrene
Concen: 53.16 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion:104 Resp: 490712
Ion Ratio Lower Upper
104 100
78 45.8 33.7 62.5

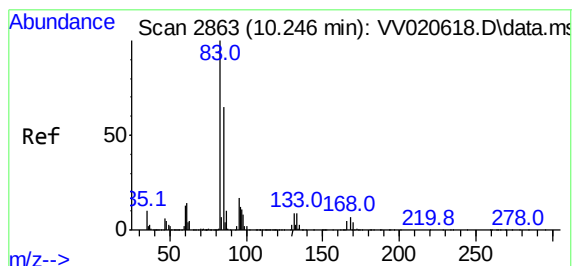
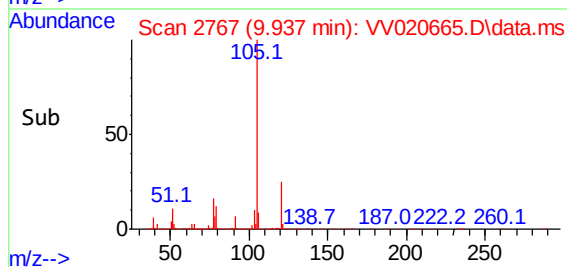
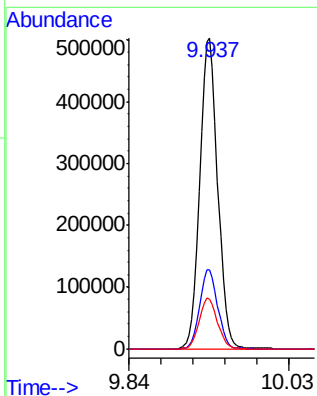
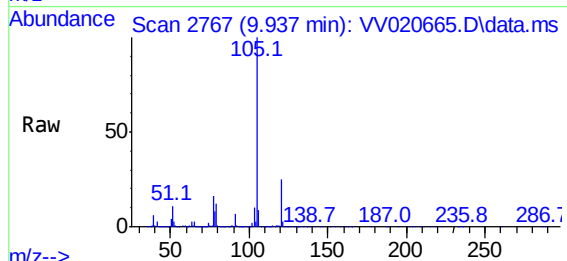




#56
Isopropylbenzene
Concen: 52.78 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

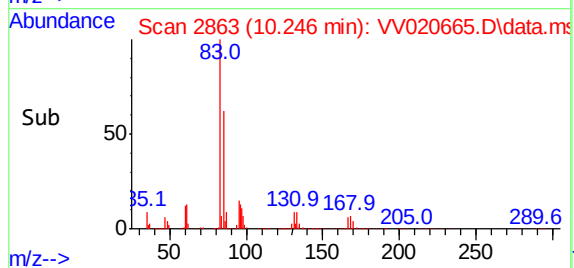
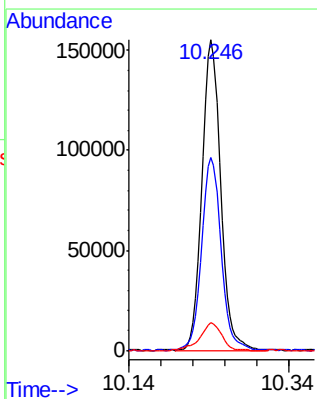
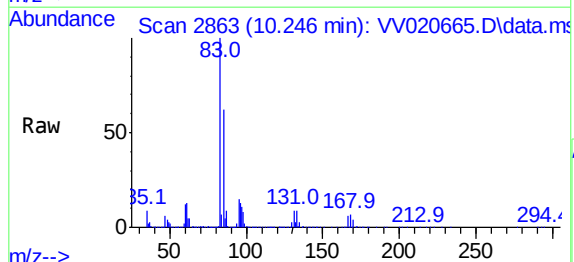
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

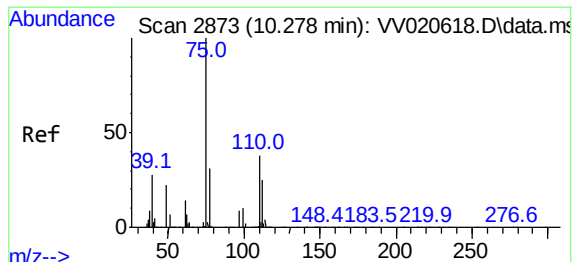
Tgt Ion:105 Resp: 754852
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.6 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 52.82 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 83 Resp: 241479
Ion Ratio Lower Upper
83 100
85 62.3 44.3 82.3
131 8.8 7.3 10.9

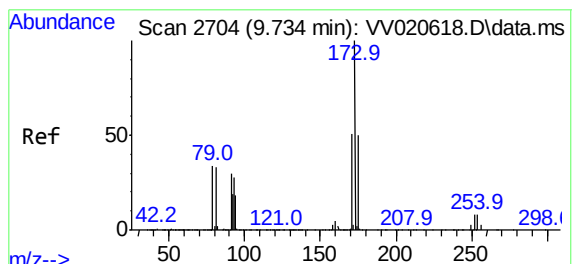
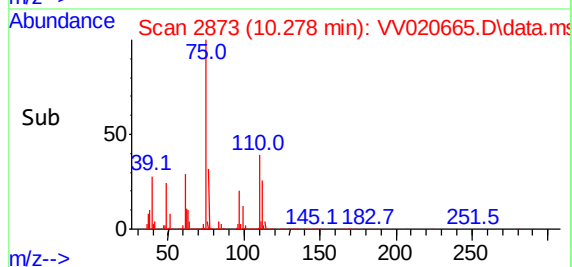
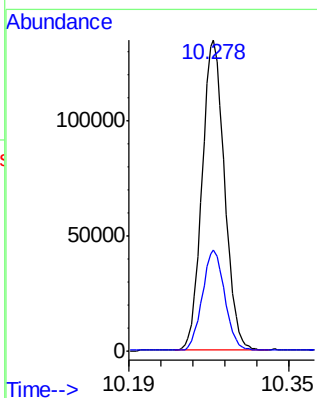
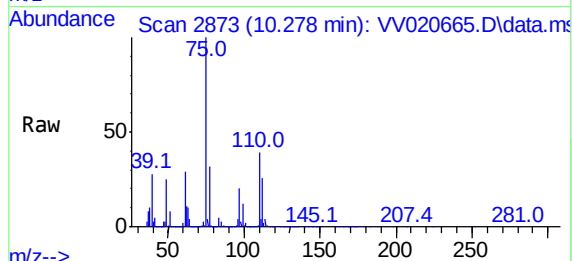




#59
1,2,3-Trichloropropane
Concen: 50.49 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

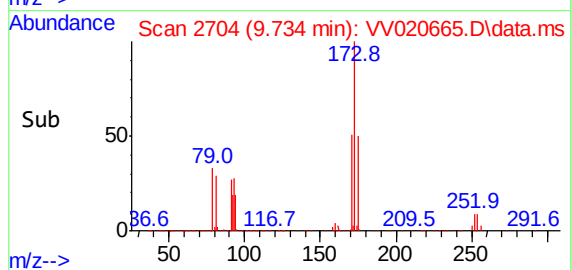
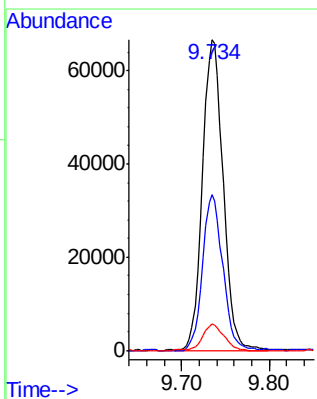
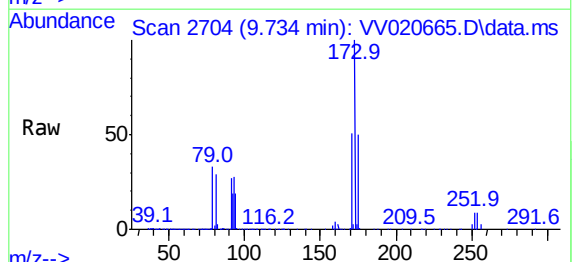
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

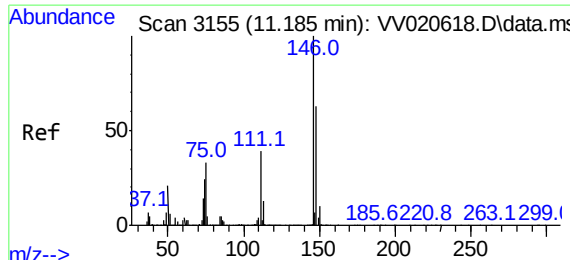
Tgt Ion: 75 Resp: 211384
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0



#61
Bromoform
Concen: 50.74 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion:173 Resp: 109471
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 8.5 6.5 9.7

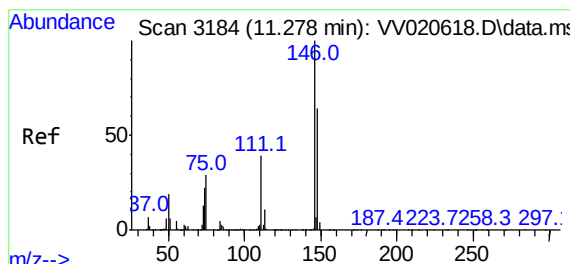
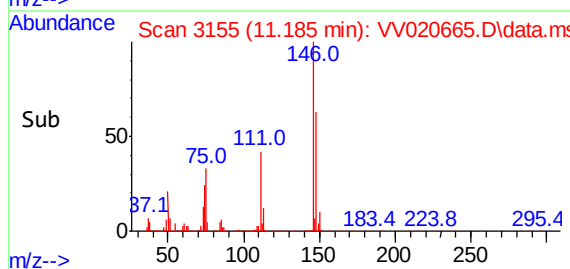
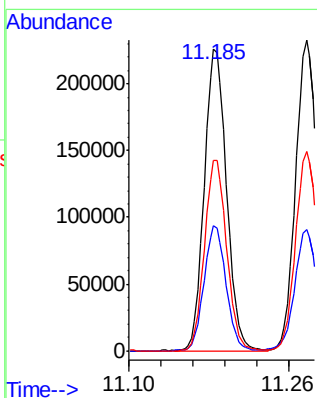
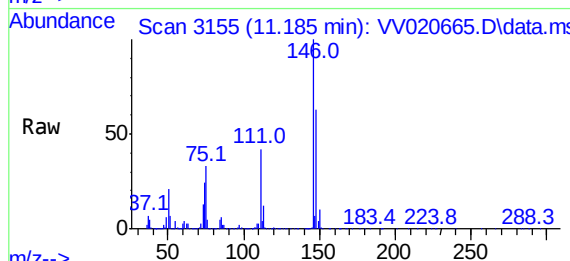




#62
1,3-Dichlorobenzene
Concen: 50.67 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

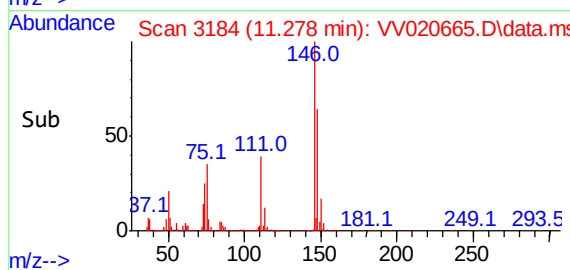
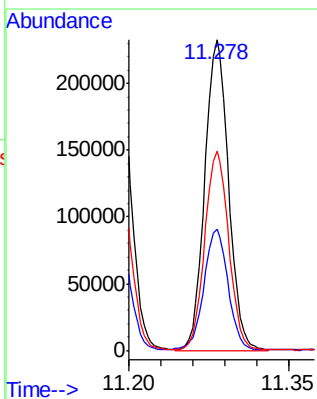
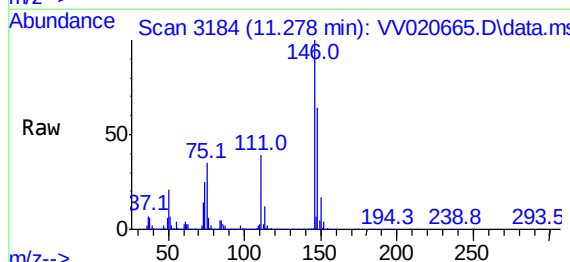
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

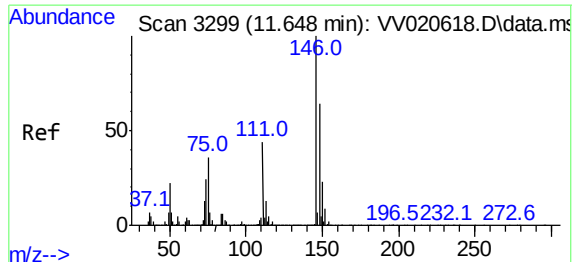
Tgt Ion:146 Resp: 350271
Ion Ratio Lower Upper
146 100
111 41.5 30.2 56.2
148 63.3 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.32 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion:146 Resp: 355882
Ion Ratio Lower Upper
146 100
111 39.0 29.4 54.6
148 64.1 44.7 83.1

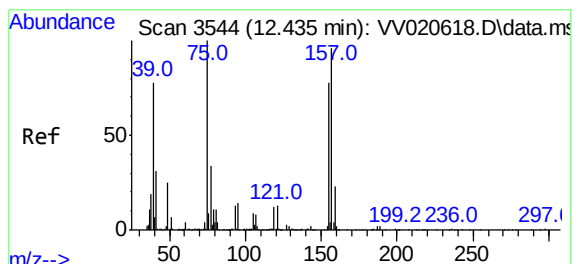
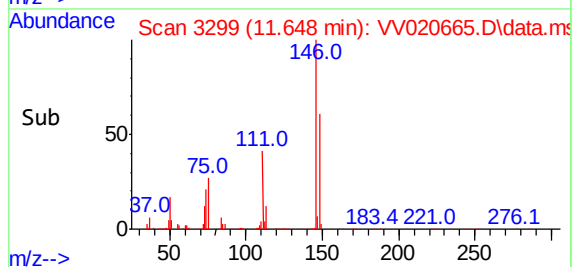
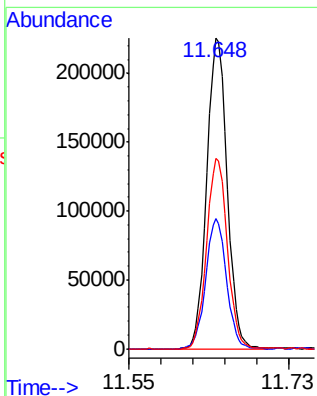
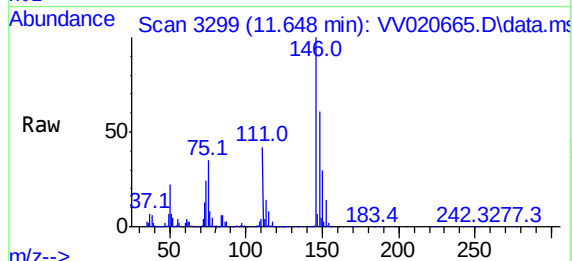




#65
1,2-Dichlorobenzene
Concen: 50.84 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

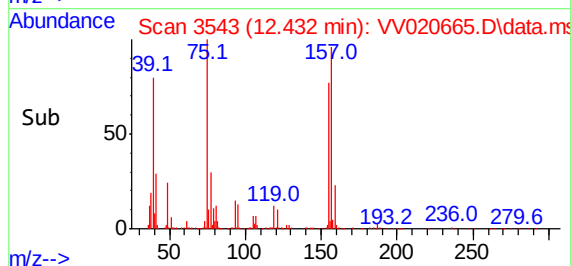
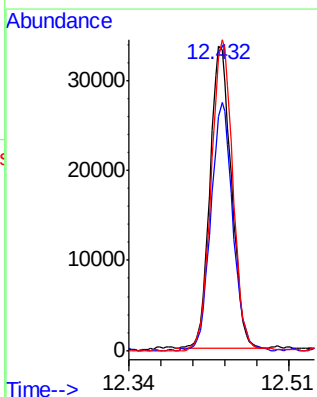
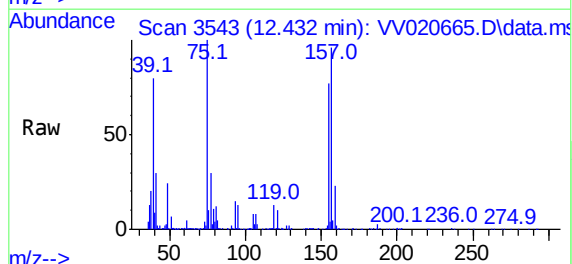
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

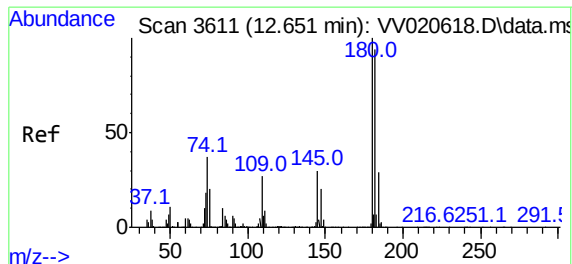
Tgt Ion:146 Resp: 349864
Ion Ratio Lower Upper
146 100
111 42.1 36.3 54.5
148 61.4 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 49.72 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion: 75 Resp: 51665
Ion Ratio Lower Upper
75 100
155 77.0 59.1 88.7
157 96.3 75.4 113.0

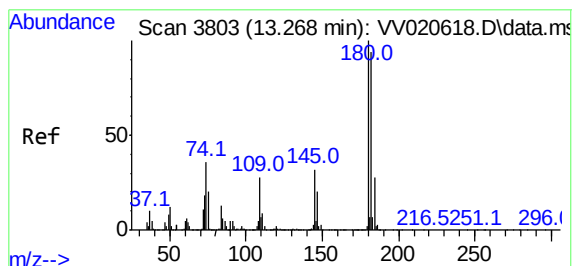
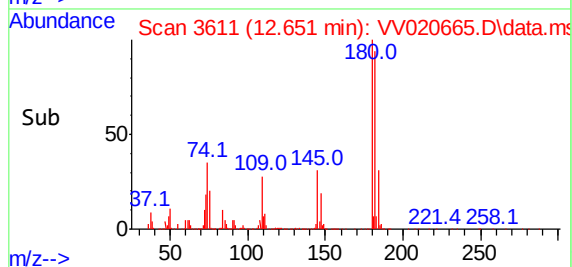
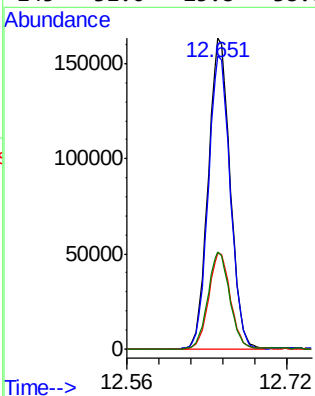
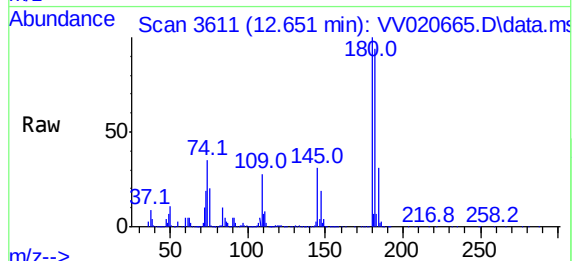




#67
1,3,5-Trichlorobenzene
Concen: 50.50 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

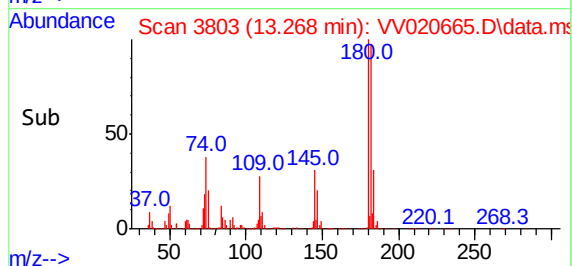
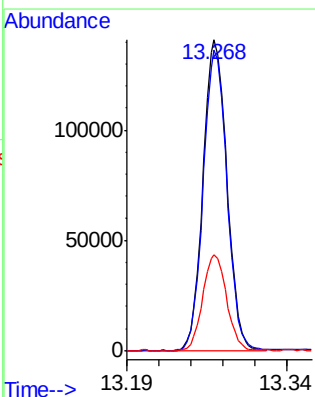
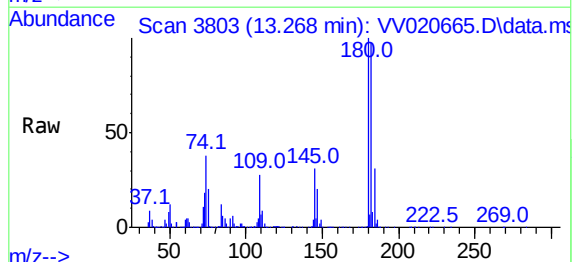
Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

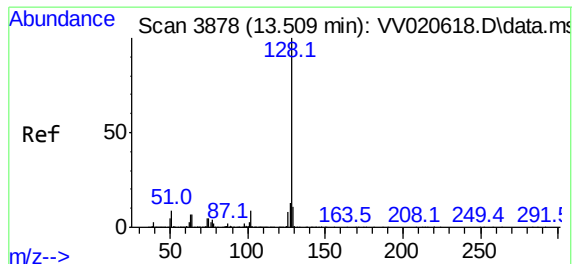
Tgt Ion:180 Resp: 248610
Ion Ratio Lower Upper
180 100
182 94.5 75.0 112.6
184 30.6 24.0 36.0
145 31.0 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 50.67 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion:180 Resp: 216579
Ion Ratio Lower Upper
180 100
182 96.0 75.1 112.7
145 30.7 26.8 40.2

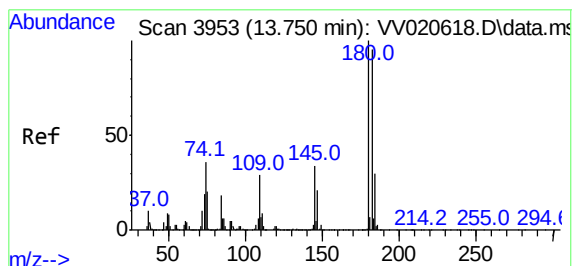
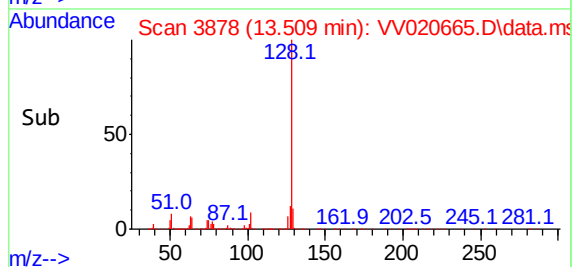
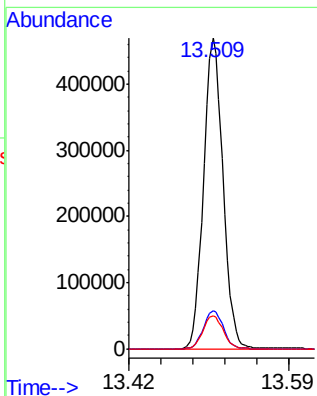
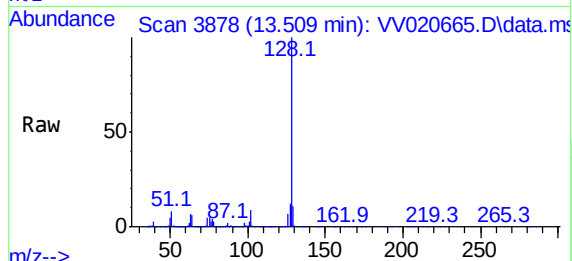




#69
Naphthalene
Concen: 50.10 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD05082

Tgt Ion:128 Resp: 696201
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.1 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 51.27 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.003 min
Lab File: VV020665.D
Acq: 18 Mar 2021 10:08

Tgt Ion:180 Resp: 217234
Ion Ratio Lower Upper
180 100
182 95.8 76.1 114.1
145 33.3 27.9 41.9

