

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031821\
 Data File : VW020683.D
 Acq On : 18 Mar 2021 19:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Mar 19 04:04:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 19 03:58:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	415458	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	418481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	221006	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	127515	38.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.10%		
7) Chloroethane-d5	1.571	69	100899	37.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.26%		
11) 1,1-Dichloroethene-d2	2.111	63	251932	39.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.10%		
21) 2-Butanone-d5	3.899	46	243734	113.32	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.32%		
24) Chloroform-d	4.352	84	277416	47.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.26%		
26) 1,2-Dichloroethane-d4	5.037	65	190275	49.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.02%		
32) Benzene-d6	5.053	84	520474	45.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.02%		
36) 1,2-Dichloropropane-d6	6.072	67	172010	46.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.00%		
41) Toluene-d8	7.320	98	486805	47.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.74%		
43) trans-1,3-Dichloroprop...	7.625	79	84767	49.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.06%		
47) 2-Hexanone-d5	8.091	63	162317	117.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	117.28%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	243877	52.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.52%		
64) 1,2-Dichlorobenzene-d4	11.631	152	204688	47.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	198833	57.97	ug/L	100
3) Chloromethane	1.243	50	206198	51.96	ug/L	100
5) Vinyl chloride	1.314	62	194224	48.82	ug/L	100
6) Bromomethane	1.526	94	110133	46.99	ug/L	99
8) Chloroethane	1.587	64	111104	46.02	ug/L	95
9) Trichlorofluoromethane	1.754	101	268415	50.63	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	136246	47.13	ug/L	96
12) 1,1-Dichloroethene	2.121	96	124925	44.54	ug/L	85
13) Acetone	2.188	43	165409	94.15	ug/L	97
14) Carbon disulfide	2.297	76	395538	46.51	ug/L	100
15) Methyl Acetate	2.439	43	182167	54.14	ug/L	98
16) Methylene chloride	2.510	84	158512	48.78	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	146053	48.75	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	467838	51.34	ug/L	98
19) 1,1-Dichloroethane	3.191	63	283230	49.54	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	163766	52.95	ug/L #	94
22) 2-Butanone	3.979	43	253607	104.36	ug/L	98
23) Bromochloromethane	4.252	128	81667	52.92	ug/L	93
25) Chloroform	4.378	83	304475	50.99	ug/L	98
27) 1,2-Dichloroethane	5.133	62	237843	50.43	ug/L	98

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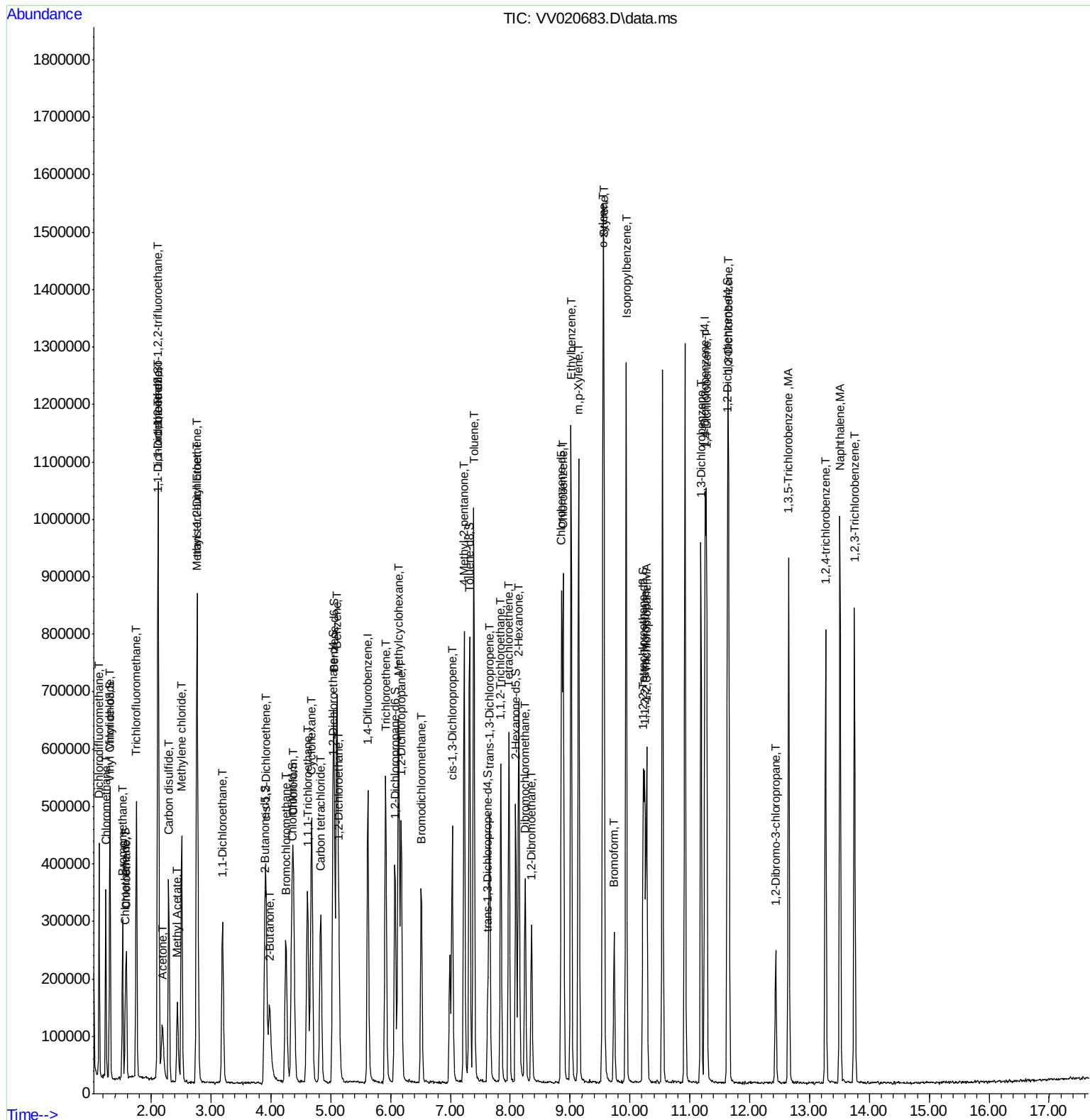
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.683	56	251777	49.13	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	256924	50.80	ug/L	99
31) Carbon tetrachloride	4.834	117	213515	51.96	ug/L	99
33) Benzene	5.104	78	640491	50.72	ug/L	100
34) Trichloroethene	5.918	95	174340	48.94	ug/L	96
35) Methylcyclohexane	6.136	83	244839	50.00	ug/L	99
37) 1,2-Dichloropropane	6.178	63	172059	52.19	ug/L	100
38) Bromodichloromethane	6.516	83	214100	49.32	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	243189	49.73	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	531353	107.16	ug/L	97
42) Toluene	7.390	91	694581	52.69	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	245150	51.00	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	161882	52.69	ug/L	100
46) Tetrachloroethene	7.979	164	122549	53.61	ug/L	97
48) 2-Hexanone	8.143	43	414001	106.90	ug/L	99
49) Dibromochloromethane	8.249	129	167258	52.29	ug/L	100
50) 1,2-Dibromoethane	8.355	107	170866	51.93	ug/L	96
51) Chlorobenzene	8.886	112	435437	51.07	ug/L	99
52) Ethylbenzene	9.017	91	769751	51.58	ug/L	97
53) m,p-Xylene	9.143	106	283680	52.06	ug/L	98
54) o-xylene	9.548	106	280407	53.15	ug/L	94
55) Styrene	9.564	104	500045	54.28	ug/L	96
56) Isopropylbenzene	9.937	105	750551	52.58	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	244907	53.68	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	217534	52.07	ug/L	100
61) Bromoform	9.734	173	110250	50.33	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	356067	50.73	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	362329	49.46	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	353662	50.62	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	53390	50.61	ug/L	93
67) 1,3,5-Trichlorobenzene	12.651	180	251075	50.23	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	216849	49.97	ug/L	97
69) Naphthalene	13.509	128	710207	50.34	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	224510	52.19	ug/L	99

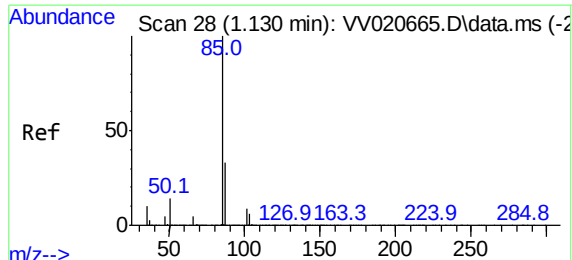
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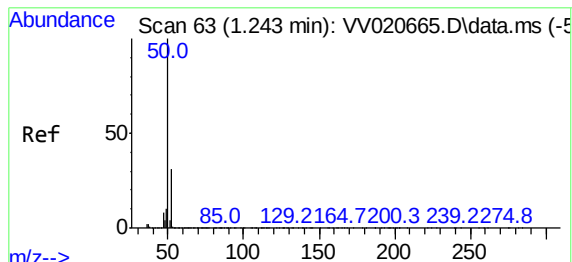
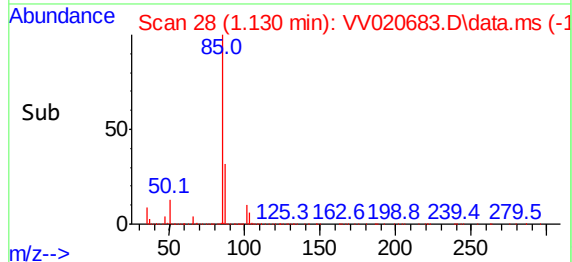
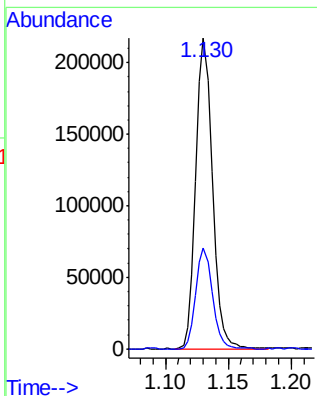
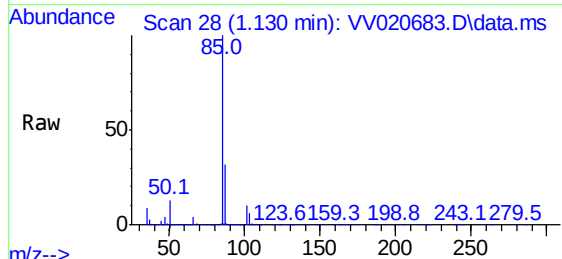


#2

Dichlorodifluoromethane
 Concen: 57.97 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020683.D
 Acq: 18 Mar 2021 19:10

Instrument :
 MSVOA_V
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 VSTD05083

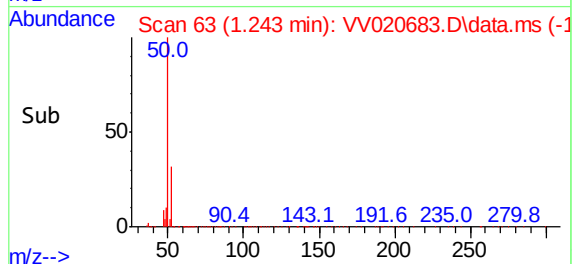
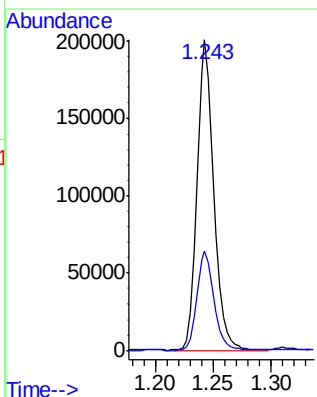
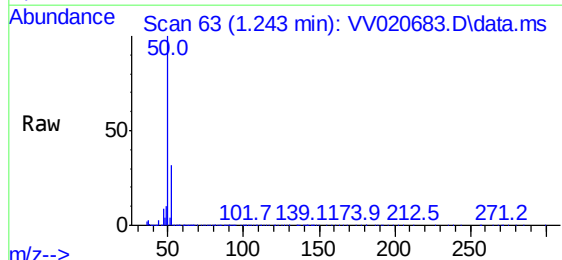
Tgt Ion: 85 Resp: 198833
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9

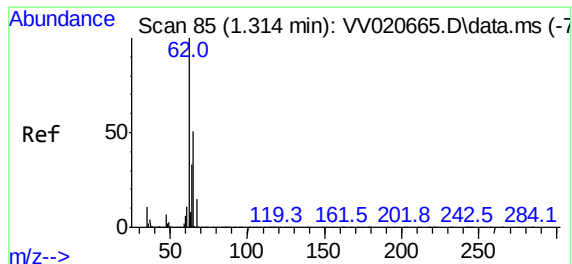


#3

Chloromethane
 Concen: 51.96 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020683.D
 Acq: 18 Mar 2021 19:10

Tgt Ion: 50 Resp: 206198
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.7 42.1

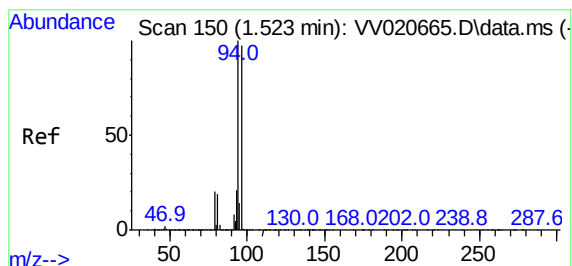
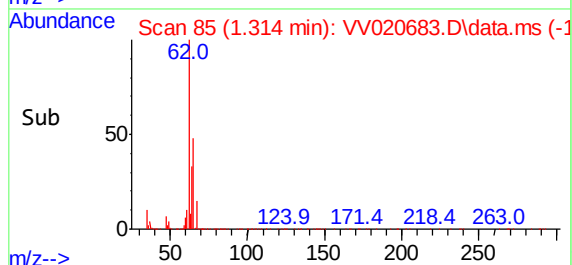
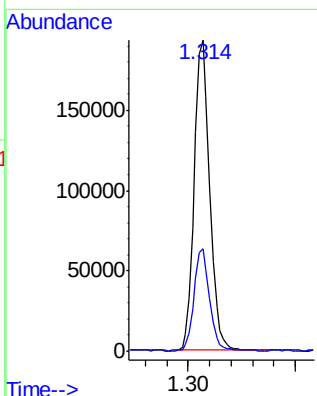
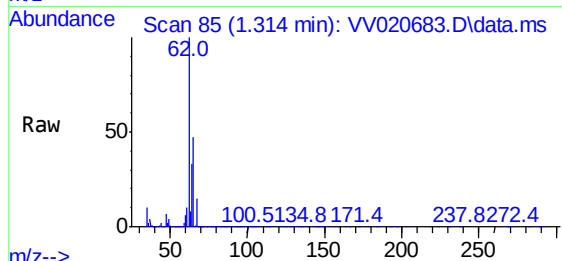




#5
 Vinyl chloride
 Concen: 48.82 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020683.D
 Acq: 18 Mar 2021 19:10

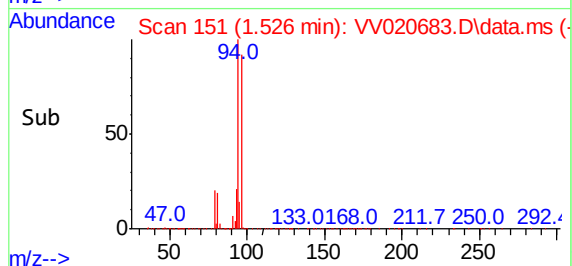
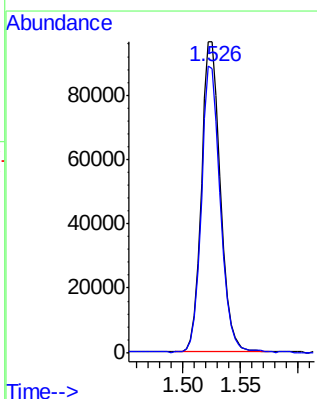
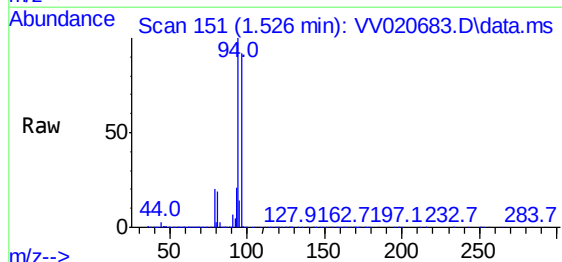
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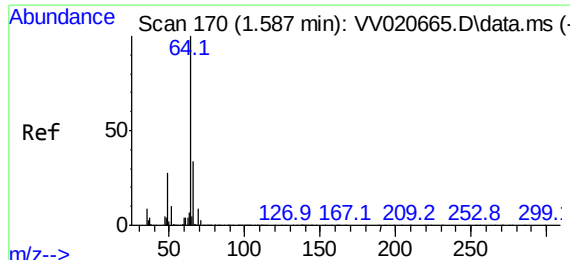
Tgt Ion: 62 Resp: 194224
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 46.99 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020683.D
 Acq: 18 Mar 2021 19:10

Tgt Ion: 94 Resp: 110133
 Ion Ratio Lower Upper
 94 100
 96 91.6 63.6 118.2

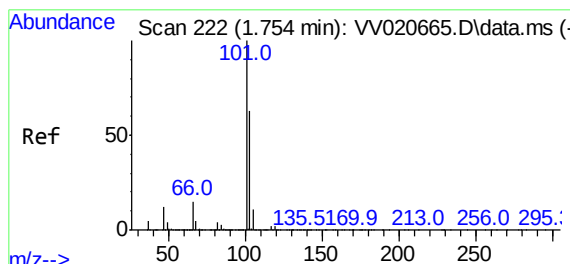
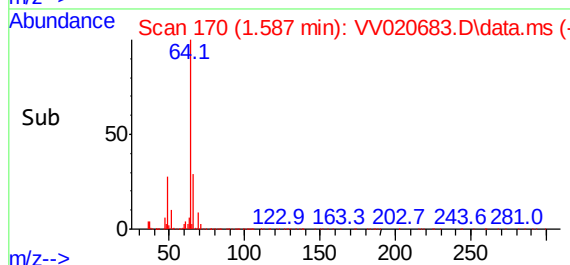
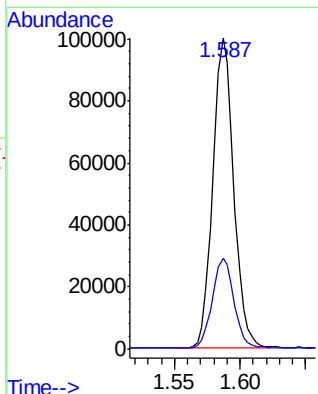
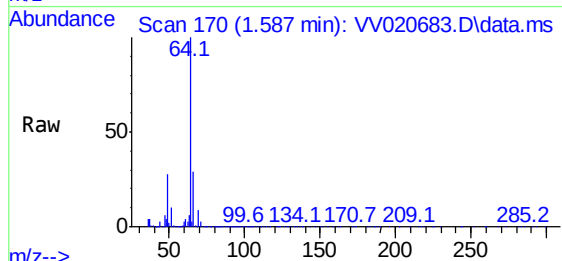




#8
Chloroethane
Concen: 46.02 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

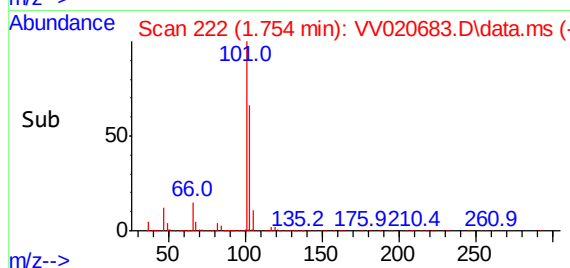
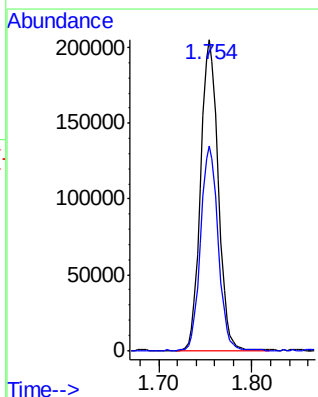
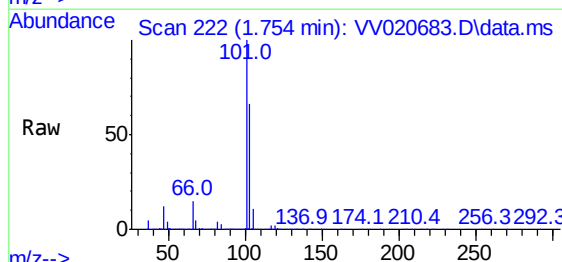
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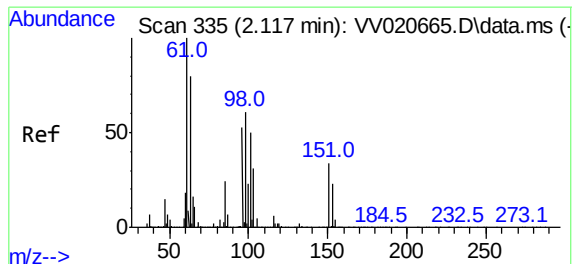
Tgt Ion: 64 Resp: 111104
Ion Ratio Lower Upper
64 100
66 29.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.63 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 101 Resp: 268415
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5

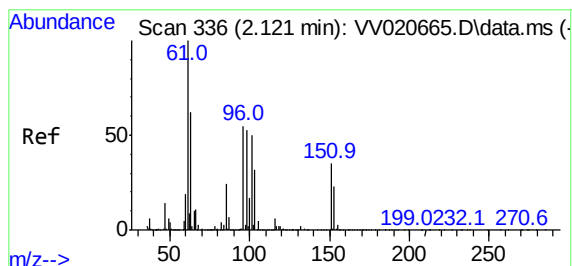
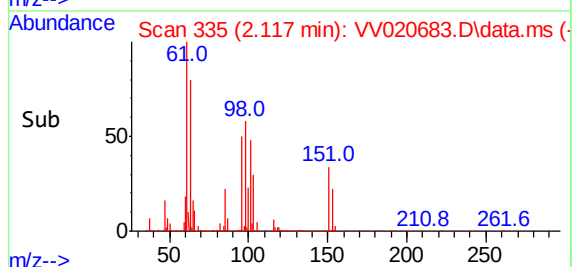
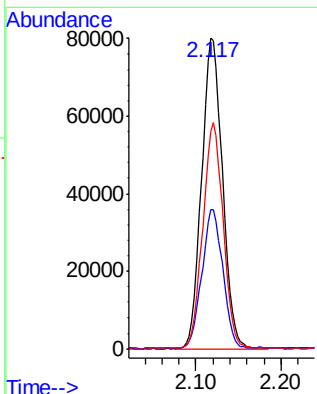
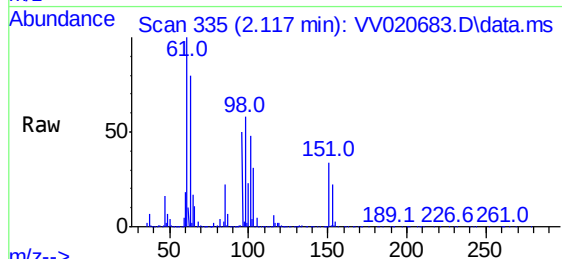




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.13 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020683.D
 Acq: 18 Mar 2021 19:10

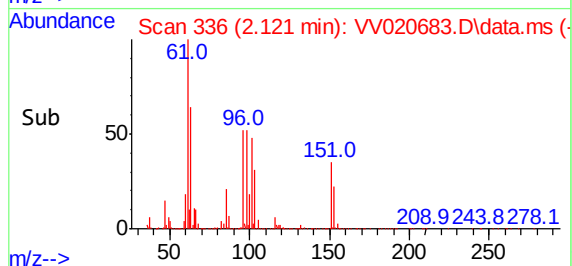
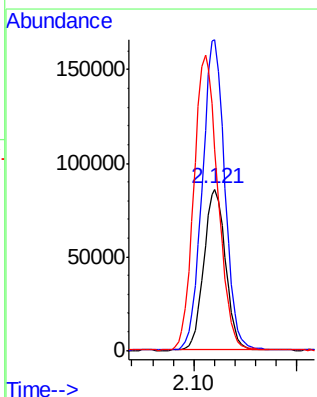
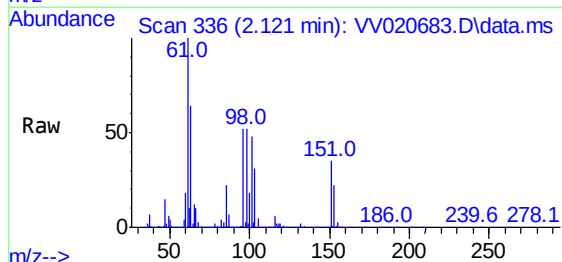
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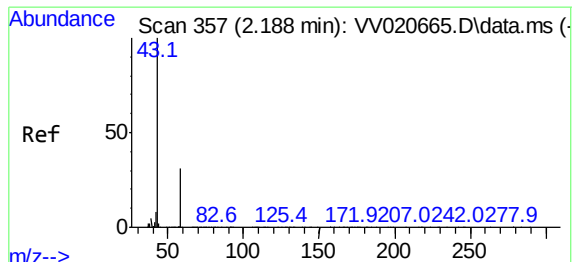
Tgt Ion:101 Resp: 136246
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.3 52.9
 151 70.9 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 44.54 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV020683.D
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Tgt Ion: 96 Resp: 124925
 Ion Ratio Lower Upper
 96 100
 61 193.0 134.9 250.5
 63 124.4 117.6 218.4

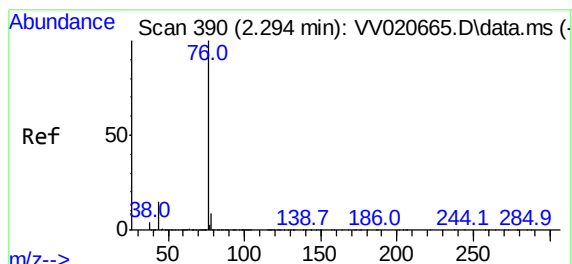
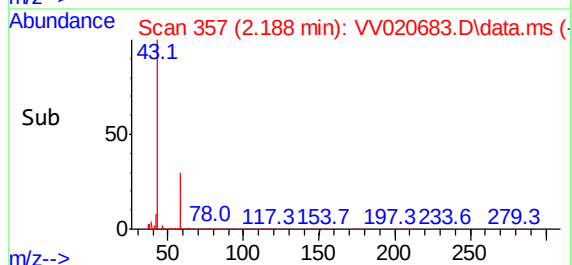
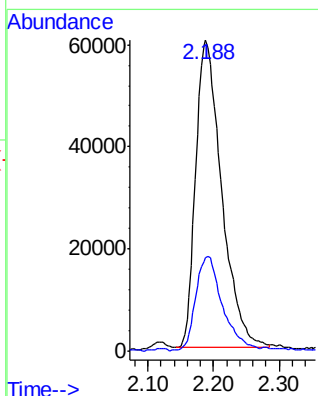
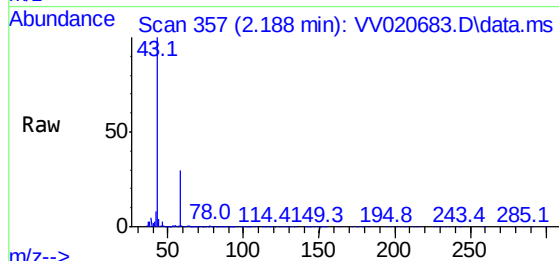




#13
Acetone
Concen: 94.15 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

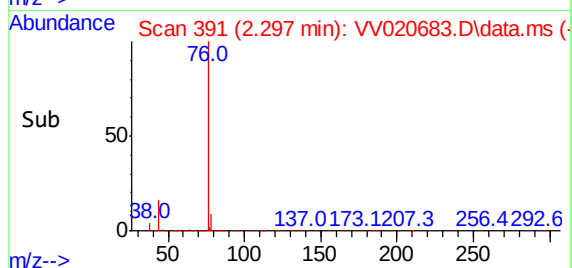
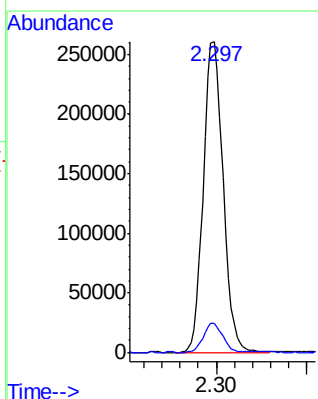
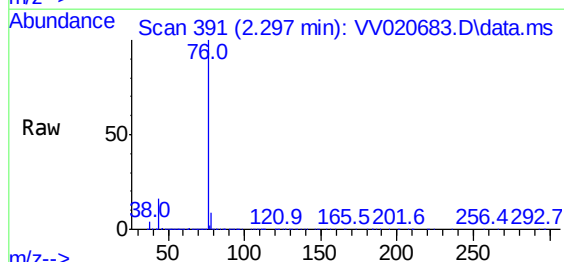
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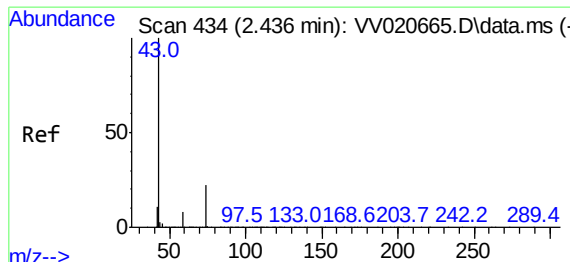
Tgt Ion: 43 Resp: 165409
Ion Ratio Lower Upper
43 100
58 31.6 0.0 60.2



#14
Carbon disulfide
Concen: 46.51 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 395538
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

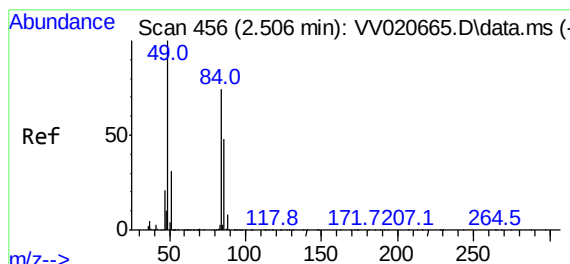
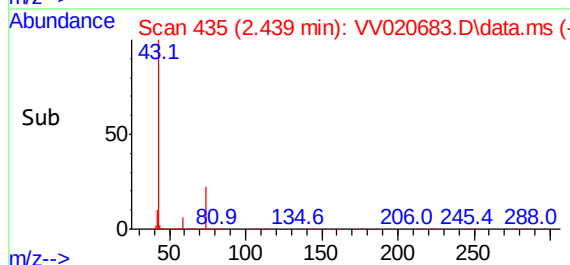
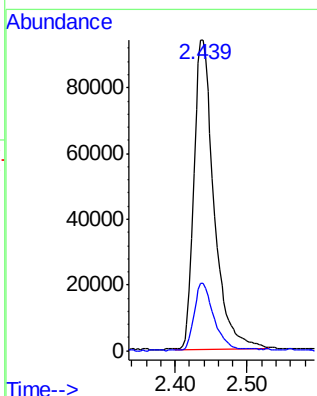
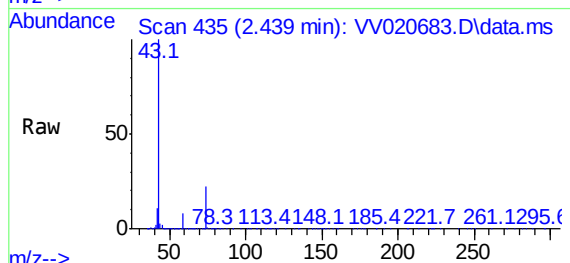




#15
Methyl Acetate
Concen: 54.14 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

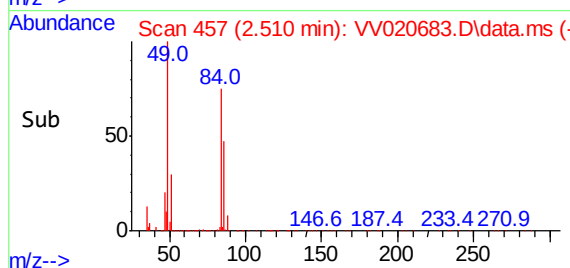
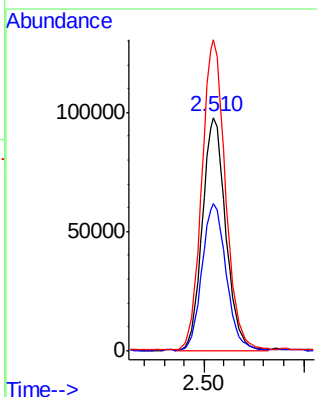
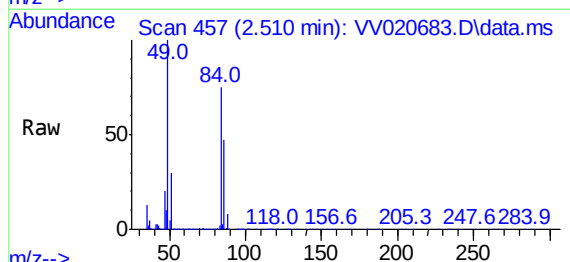
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

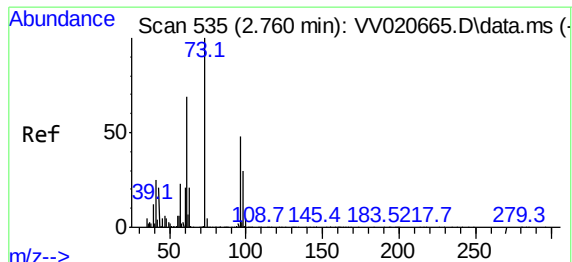
Tgt Ion: 43 Resp: 182167
Ion Ratio Lower Upper
43 100
74 21.1 17.6 26.4



#16
Methylene chloride
Concen: 48.78 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 84 Resp: 158512
Ion Ratio Lower Upper
84 100
86 63.0 44.6 82.8
49 133.5 94.6 175.8



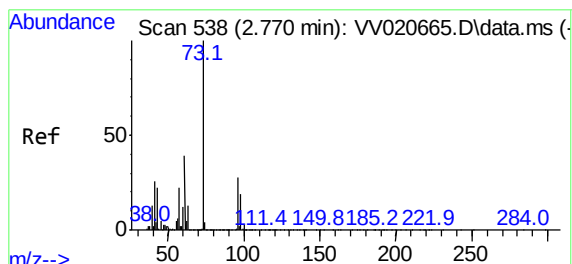
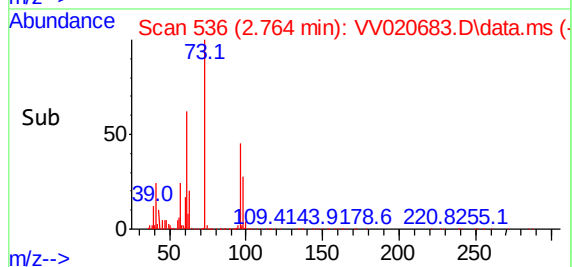
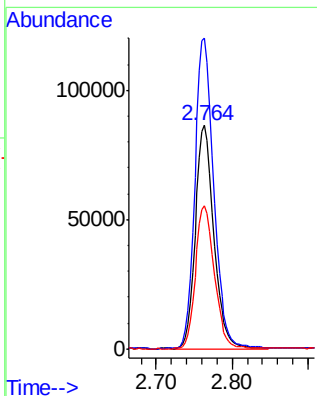
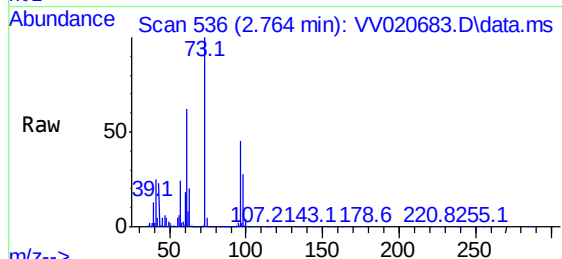


#17
trans-1,2-Dichloroethene
Concen: 48.75 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Tgt Ion: 96 Resp: 146053

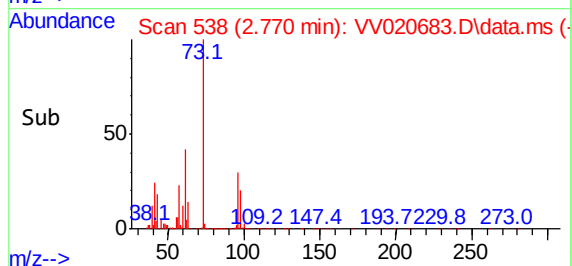
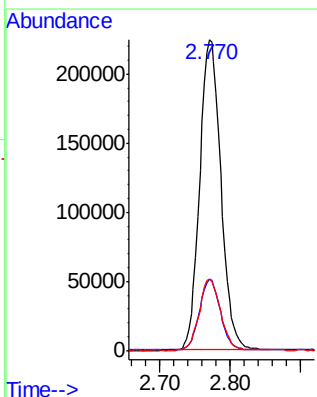
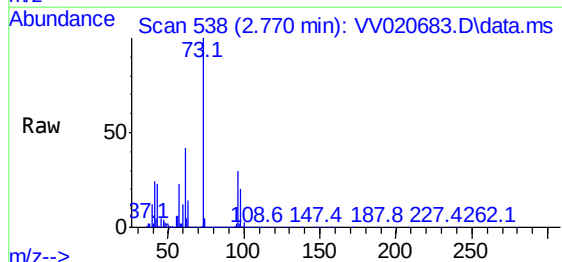
Ion	Ratio	Lower	Upper
96	100		
61	139.0	103.1	191.5
98	63.8	43.1	80.1

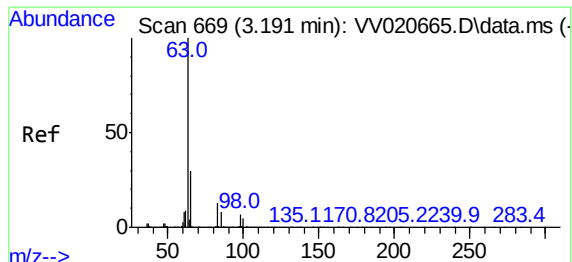


#18
Methyl tert-butyl Ether
Concen: 51.34 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 73 Resp: 467838

Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.3	25.9
57	23.1	17.9	26.9

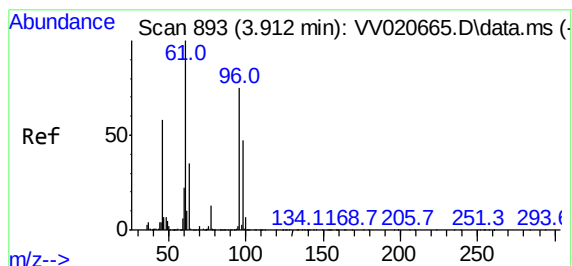
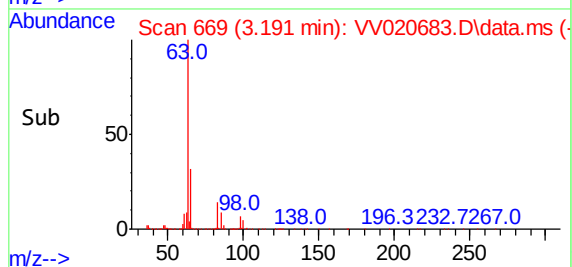
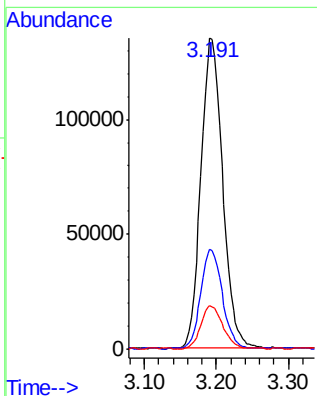
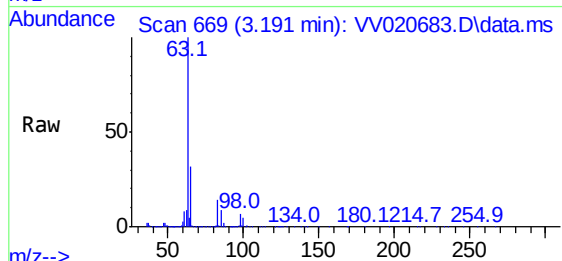




#19
1,1-Dichloroethane
Concen: 49.54 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

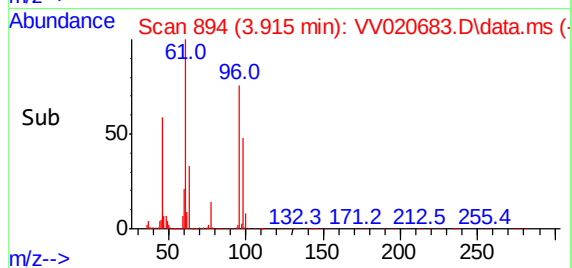
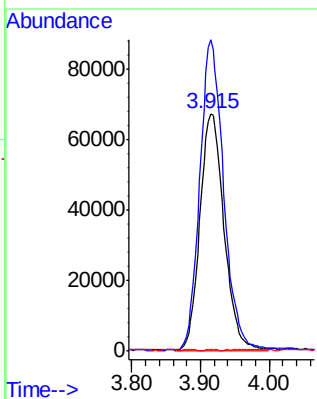
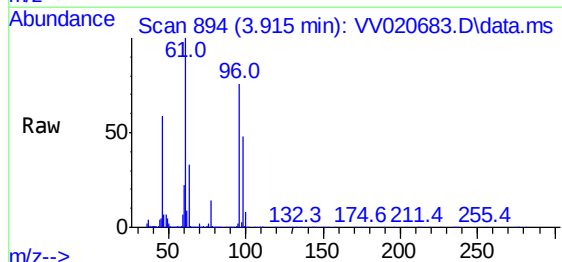
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

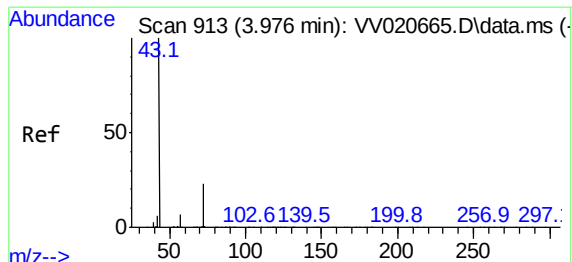
Tgt Ion: 63 Resp: 283230
Ion Ratio Lower Upper
63 100
65 32.1 21.9 40.7
83 13.8 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.95 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 96 Resp: 163766
Ion Ratio Lower Upper
96 100
61 131.3 96.9 179.9
68 0.3 0.0 0.0#

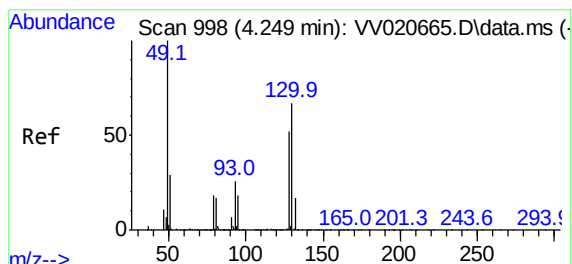
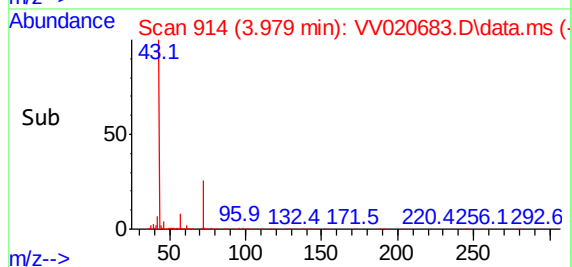
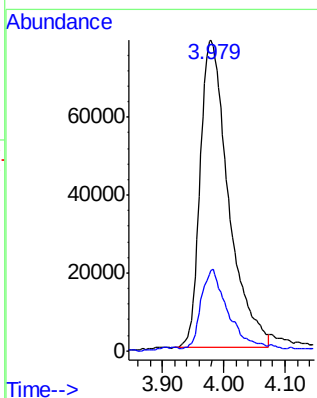
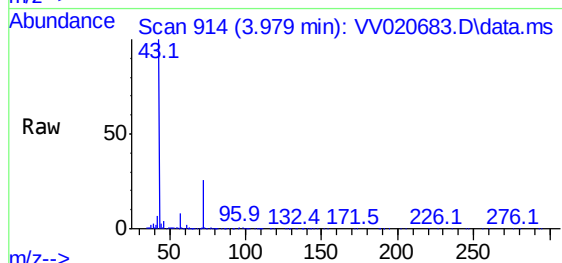




#22
2-Butanone
Concen: 104.36 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

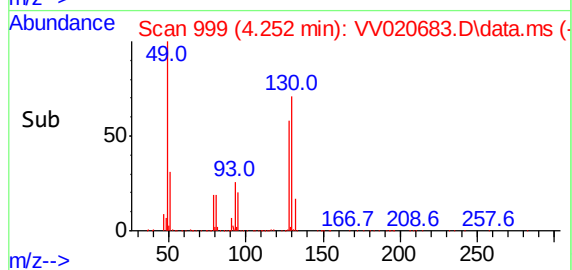
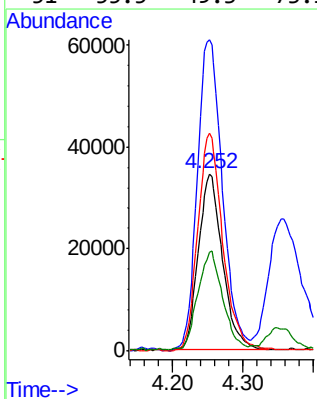
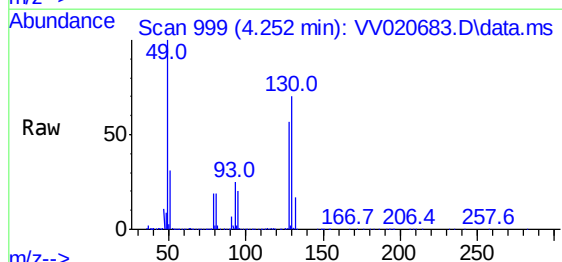
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

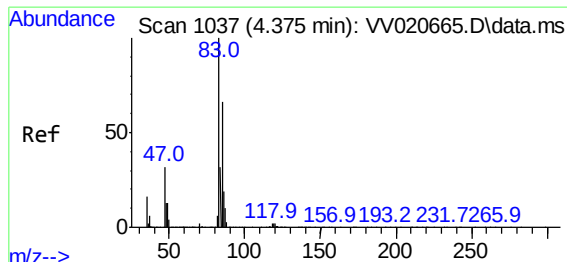
Tgt Ion: 43 Resp: 253607
Ion Ratio Lower Upper
43 100
72 23.6 12.2 36.6



#23
Bromochloromethane
Concen: 52.92 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 128 Resp: 81667
Ion Ratio Lower Upper
128 100
49 176.2 133.1 247.1
130 123.4 89.0 165.4
51 55.5 49.3 73.9

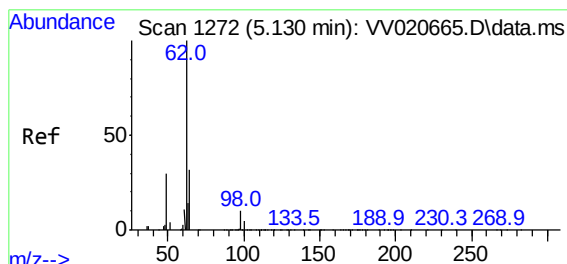
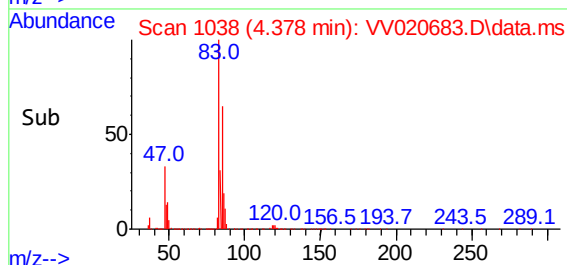
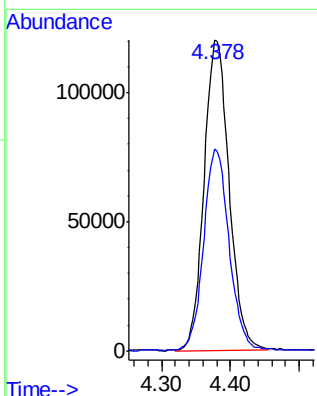
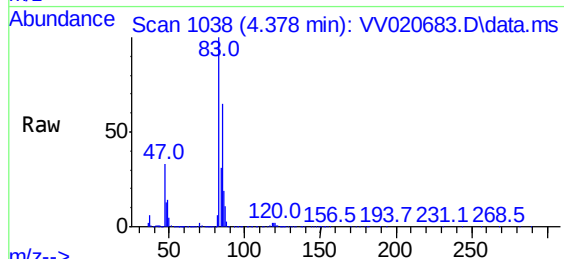




#25
Chloroform
Concen: 50.99 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

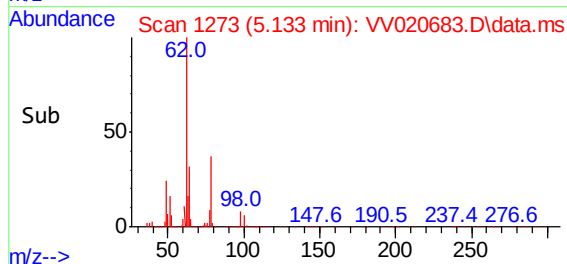
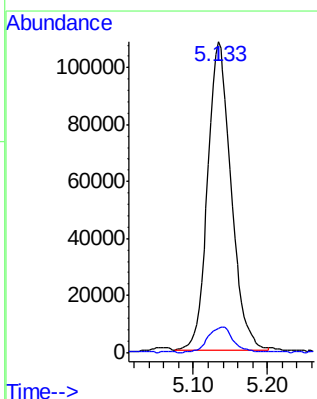
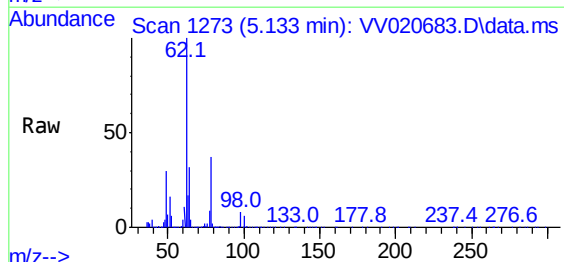
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

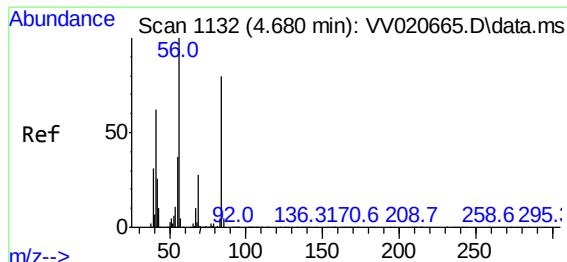
Tgt Ion: 83 Resp: 304475
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.2



#27
1,2-Dichloroethane
Concen: 50.43 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 62 Resp: 237843
Ion Ratio Lower Upper
62 100
98 7.8 6.9 10.3





#29

Cyclohexane

Concen: 49.13 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV020683.D

Acq: 18 Mar 2021 19:10

Tgt Ion: 56 Resp: 251777

Ion Ratio Lower Upper

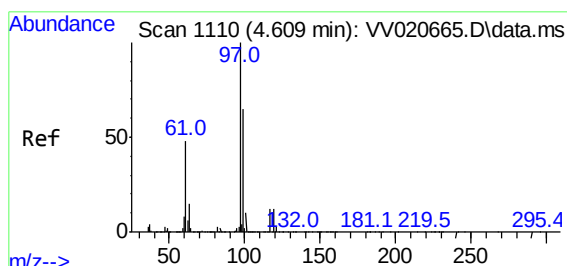
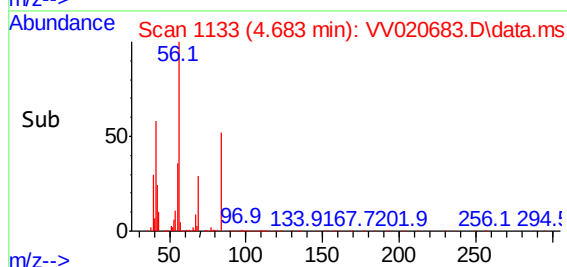
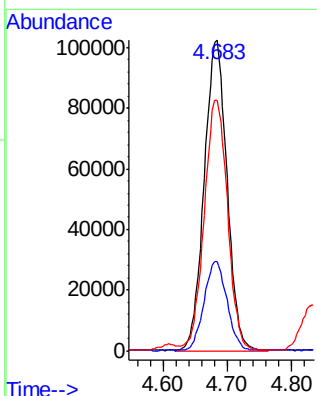
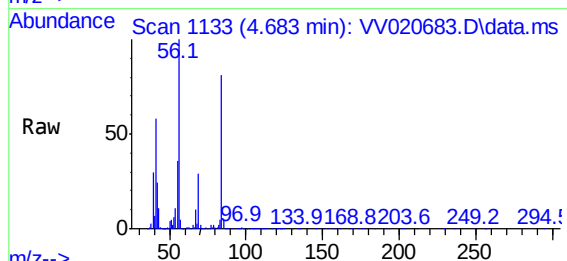
56	100		
69	29.2	24.2	36.2
84	82.1	66.3	99.5

Instrument :

MSVOA_V

ClientSampleId :

VSTD05083



#30

1,1,1-Trichloroethane

Concen: 50.80 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

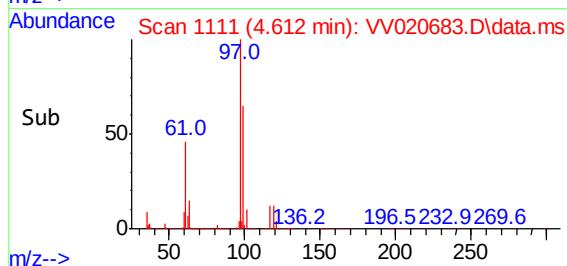
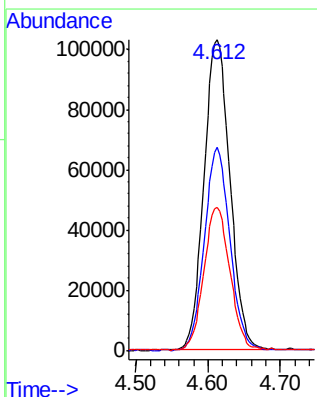
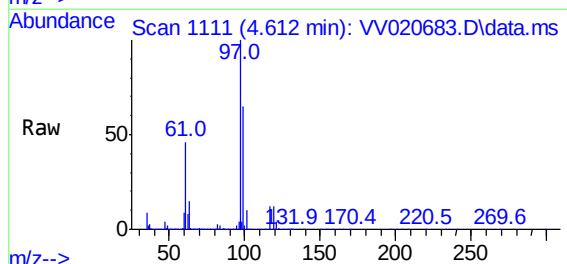
Lab File: VV020683.D

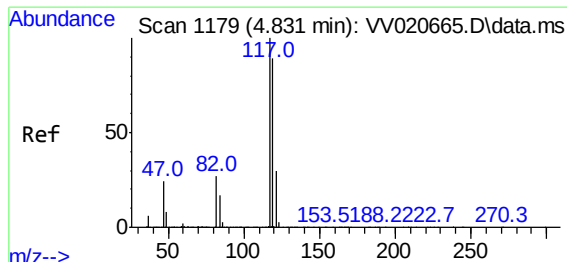
Acq: 18 Mar 2021 19:10

Tgt Ion: 97 Resp: 256924

Ion Ratio Lower Upper

97	100		
99	64.6	51.2	76.8
61	46.7	38.5	57.7

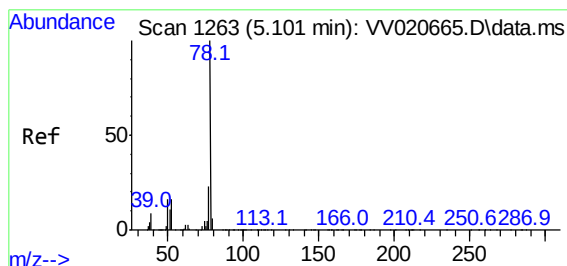
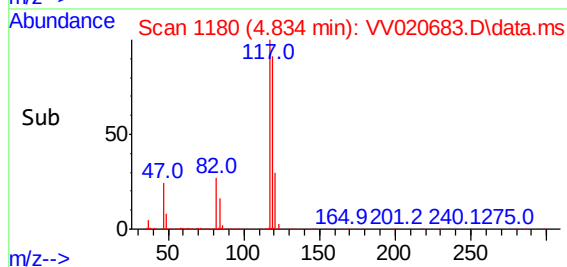
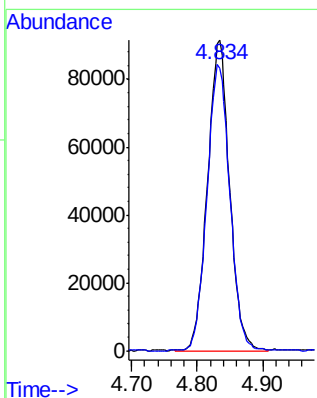
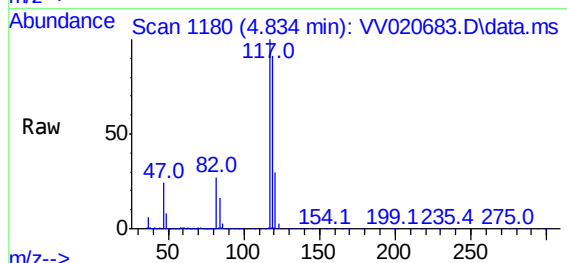




#31
Carbon tetrachloride
Concen: 51.96 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

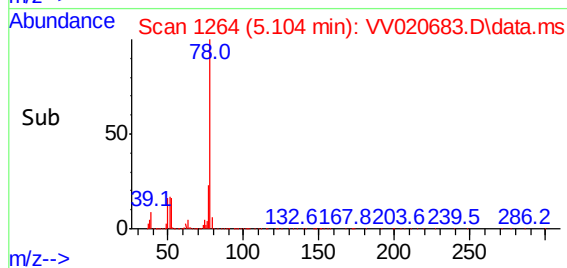
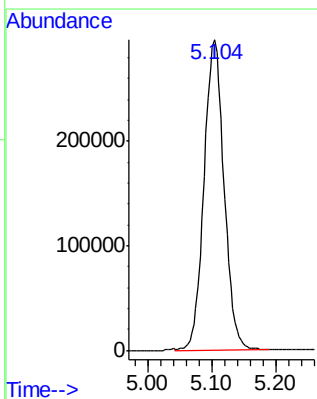
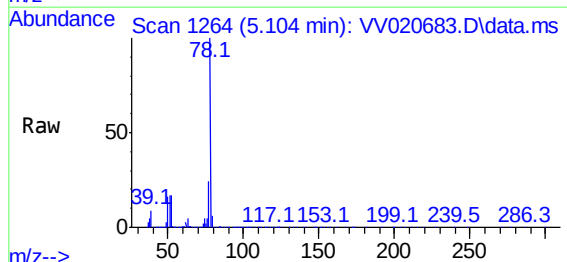
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

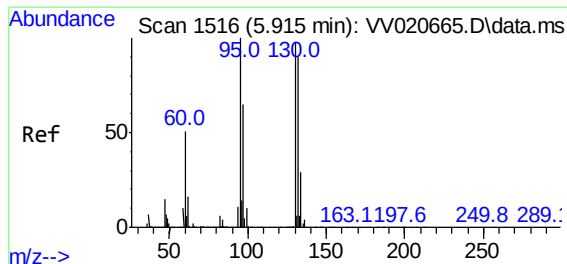
Tgt Ion:117 Resp: 213515
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5



#33
Benzene
Concen: 50.72 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 78 Resp: 640491

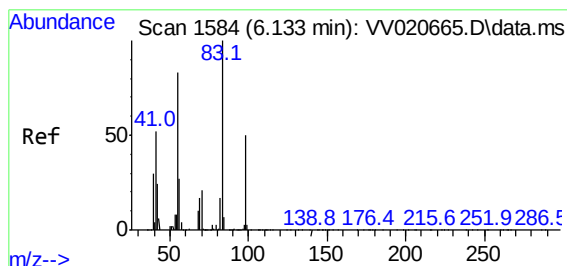
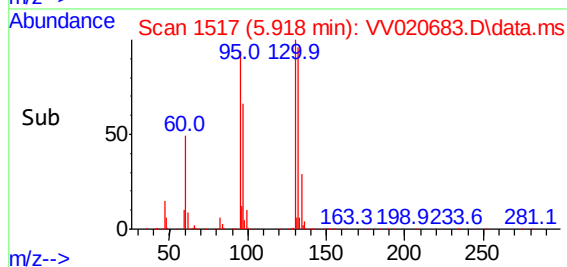
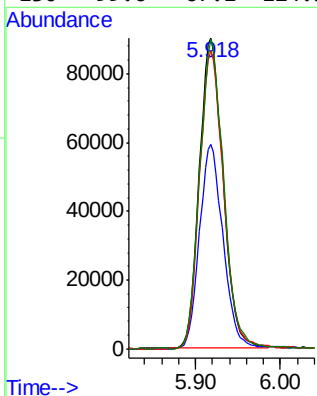
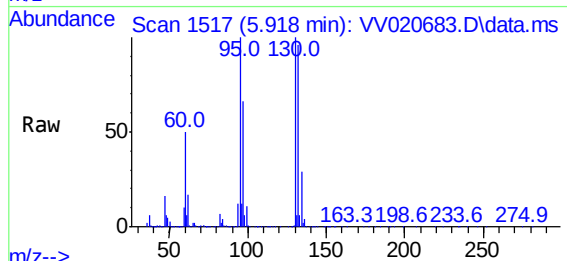




#34
Trichloroethene
Concen: 48.94 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

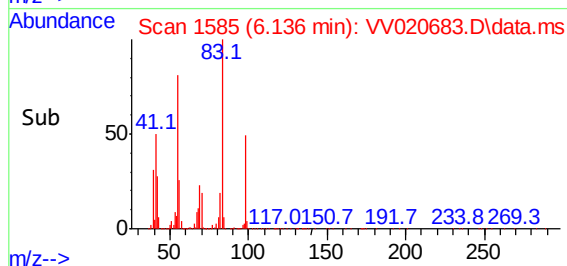
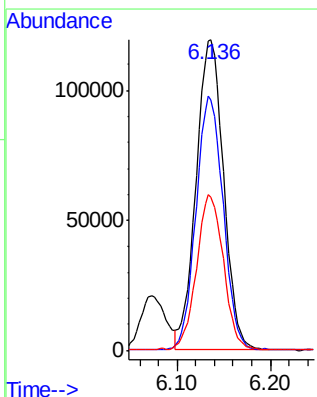
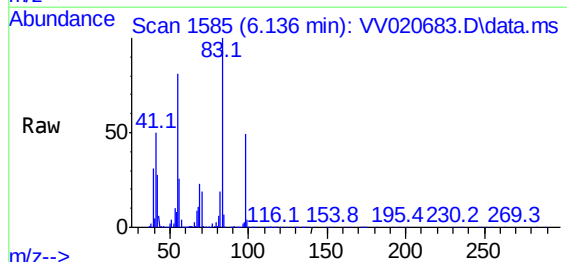
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

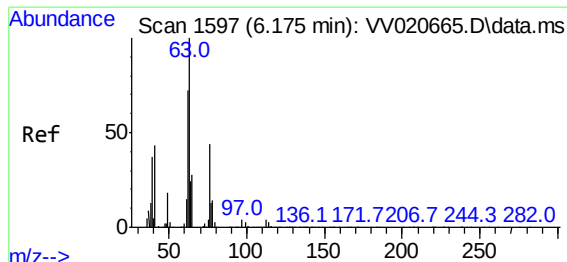
Tgt Ion: 95 Resp: 174340
Ion Ratio Lower Upper
95 100
97 65.8 44.5 82.7
132 95.8 63.4 117.8
130 99.6 67.1 124.5



#35
Methylcyclohexane
Concen: 50.00 ug/L
RT: 6.136 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 83 Resp: 244839
Ion Ratio Lower Upper
83 100
55 81.2 65.1 97.7
98 49.2 38.2 57.2

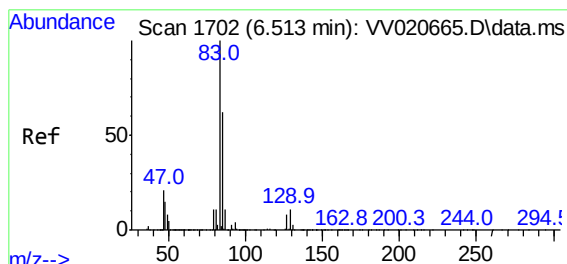
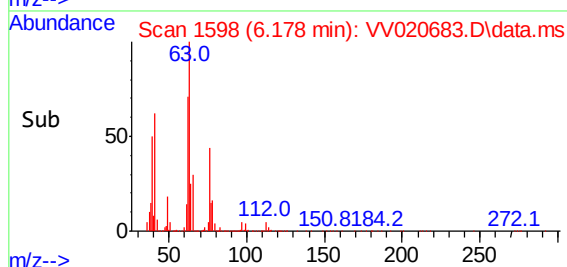
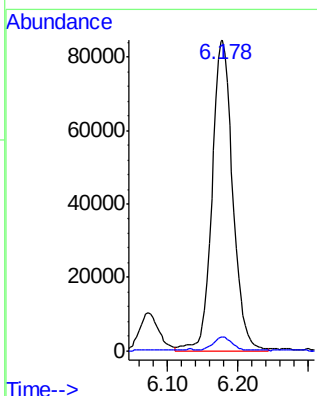
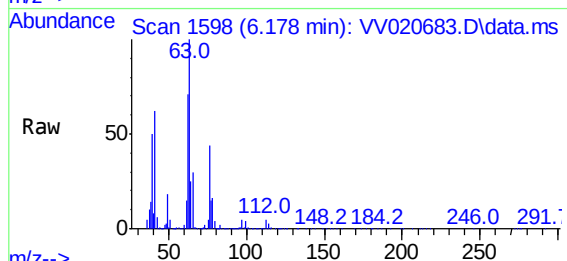




#37
1,2-Dichloropropane
Concen: 52.19 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

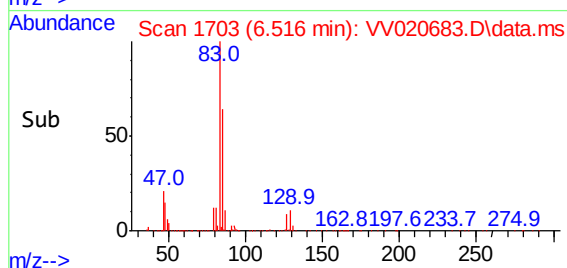
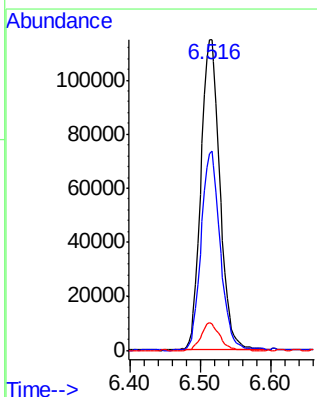
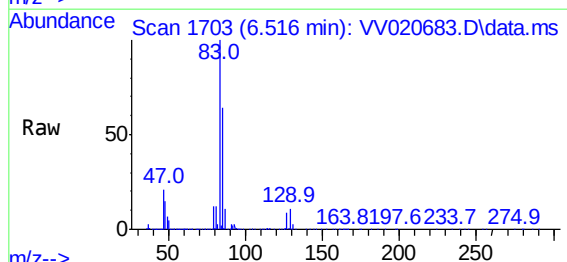
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

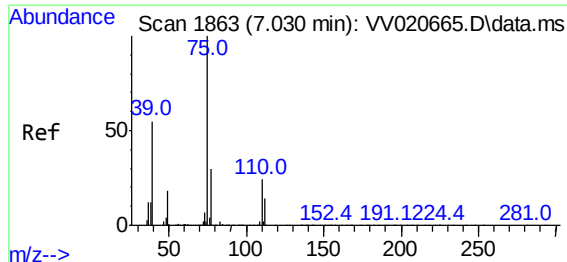
Tgt Ion: 63 Resp: 172059
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 49.32 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 83 Resp: 214100
Ion Ratio Lower Upper
83 100
85 64.0 44.5 82.7
127 8.7 6.3 9.5

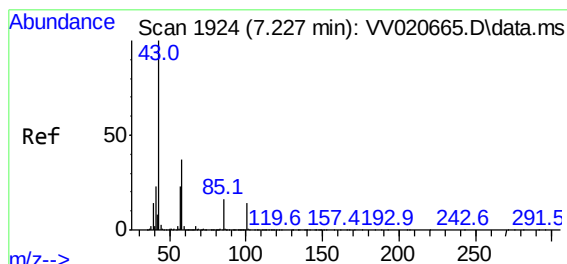
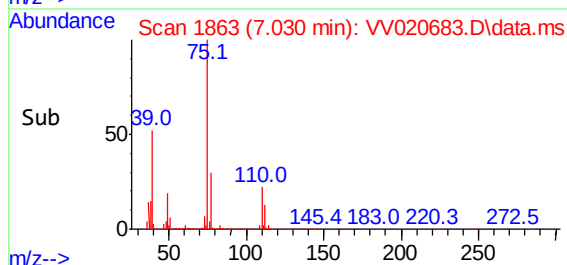
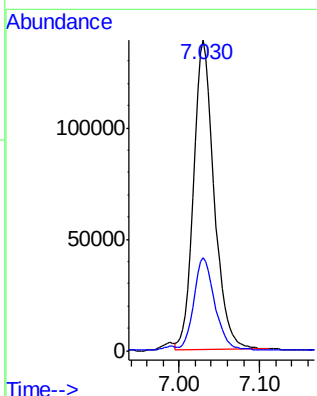
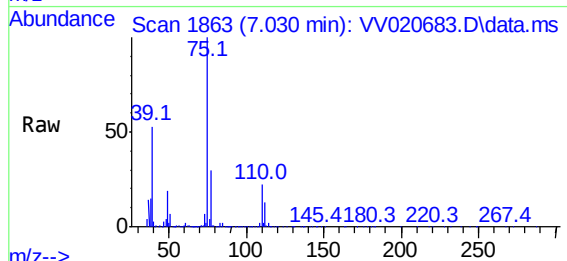




#39
 cis-1,3-Dichloropropene
 Concen: 49.73 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VV020683.D
 Acq: 18 Mar 2021 19:10

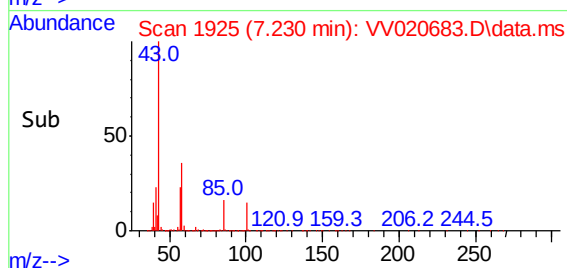
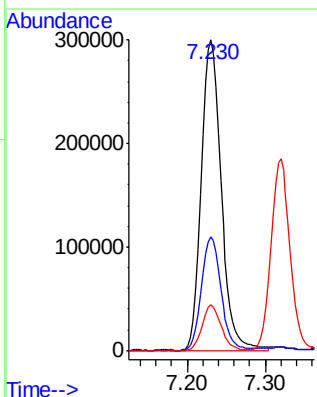
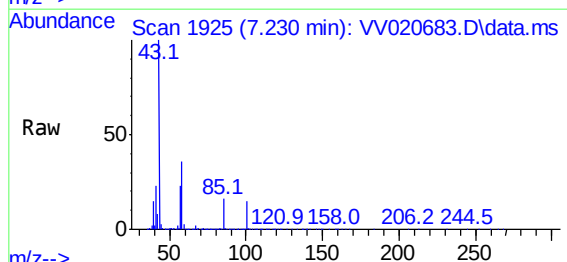
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

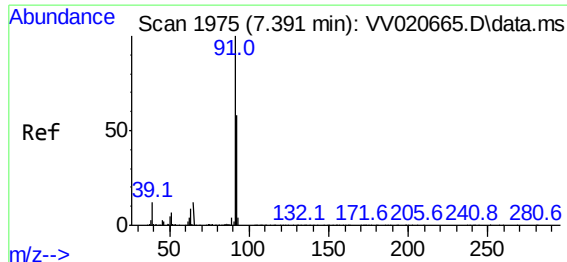
Tgt Ion: 75 Resp: 243189
 Ion Ratio Lower Upper
 75 100
 77 30.0 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 107.16 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV020683.D
 Acq: 18 Mar 2021 19:10

Tgt Ion: 43 Resp: 531353
 Ion Ratio Lower Upper
 43 100
 58 35.8 30.7 46.1
 100 14.0 11.6 17.4





#42

Toluene

Concen: 52.69 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV020683.D

Acq: 18 Mar 2021 19:10

Tgt Ion: 91 Resp: 694581

Ion Ratio Lower Upper

91 100

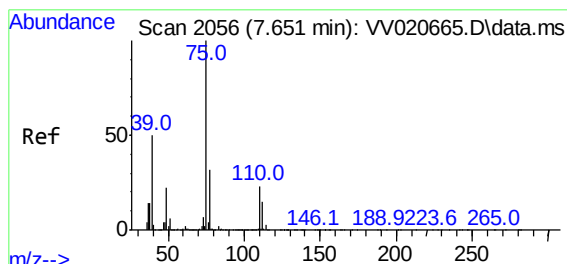
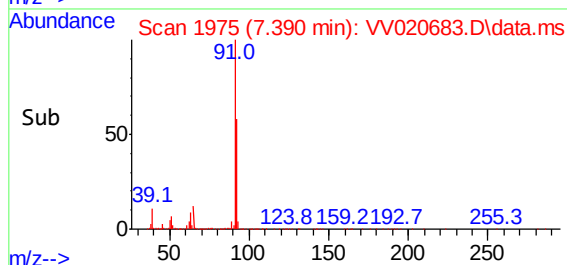
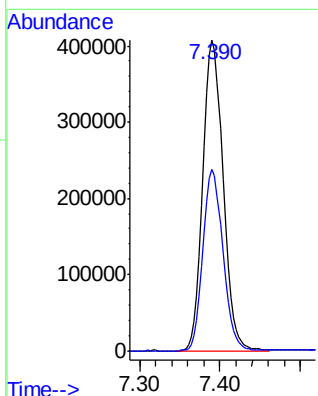
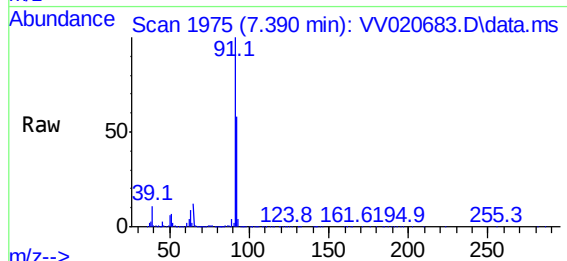
92 58.5 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05083



#44

trans-1,3-Dichloropropene

Concen: 51.00 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV020683.D

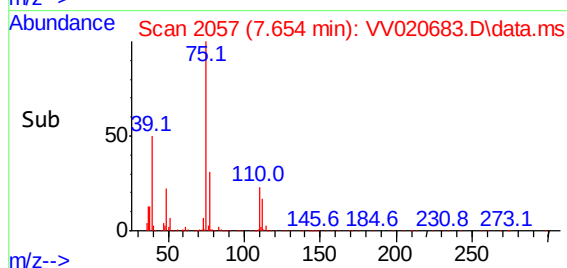
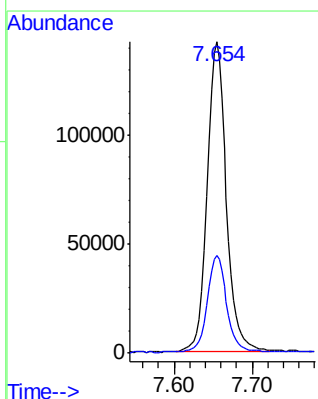
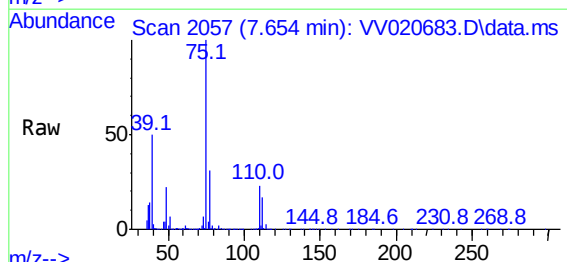
Acq: 18 Mar 2021 19:10

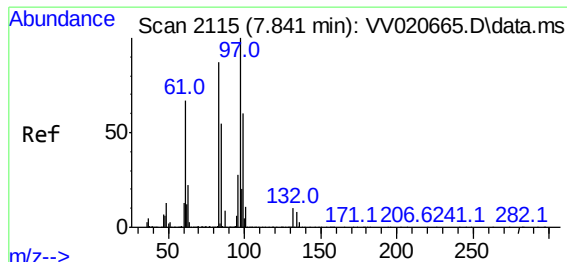
Tgt Ion: 75 Resp: 245150

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0



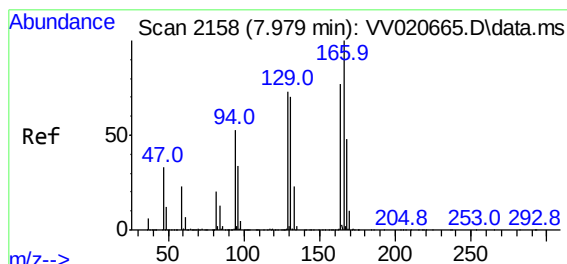
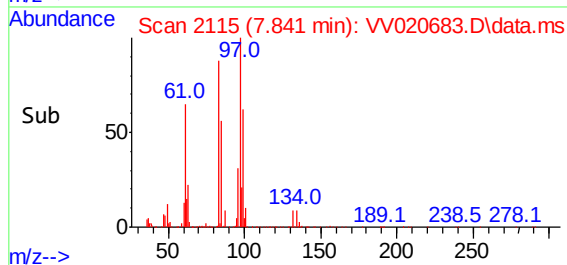
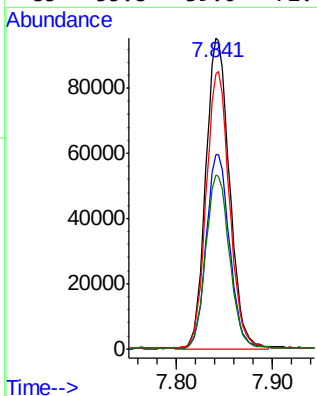
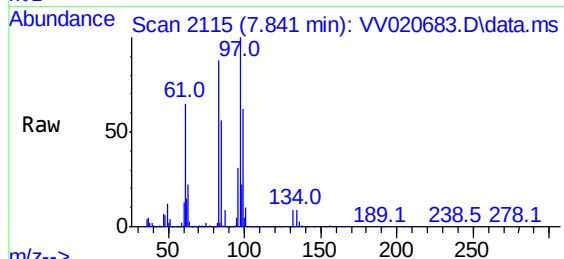


#45
1,1,2-Trichloroethane
Concen: 52.69 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Tgt Ion: 97 Resp: 161882

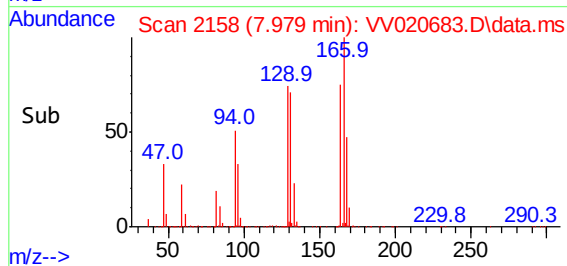
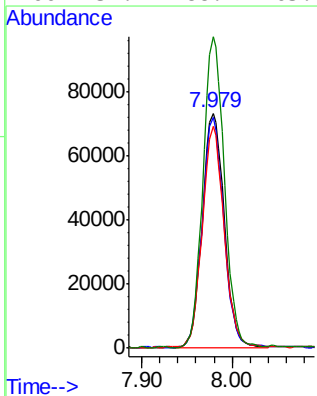
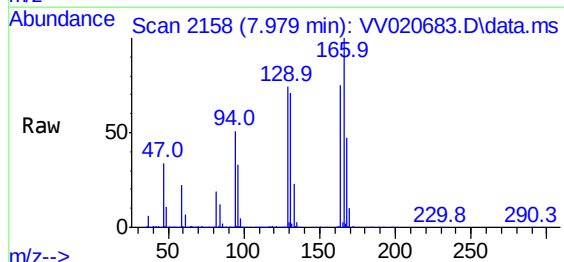
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.8	81.3
83	88.5	62.2	115.4
85	55.8	39.0	72.4

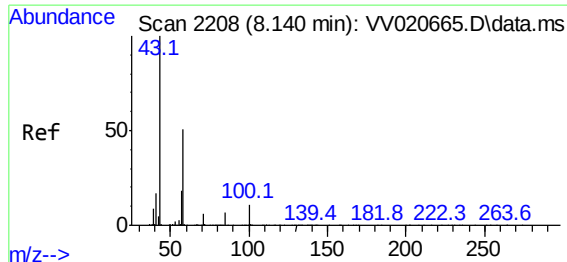


#46
Tetrachloroethene
Concen: 53.61 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 164 Resp: 122549

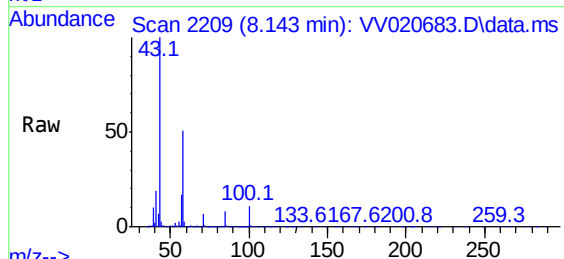
Ion	Ratio	Lower	Upper
164	100		
129	98.3	70.6	131.0
131	94.4	66.8	124.0
166	132.7	88.2	163.8





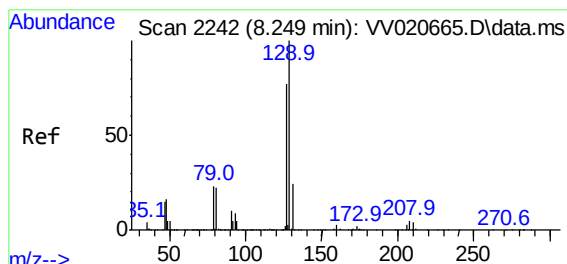
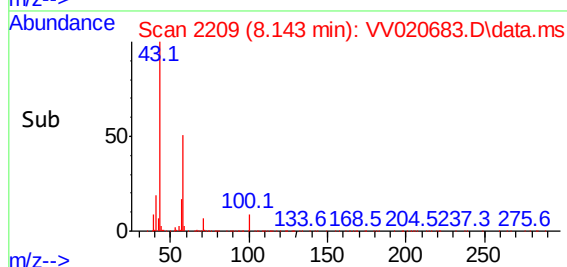
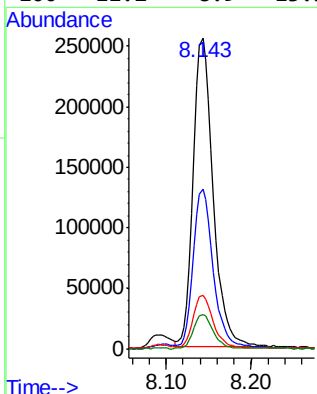
#48
2-Hexanone
Concen: 106.90 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083



Tgt Ion: 43 Resp: 414001

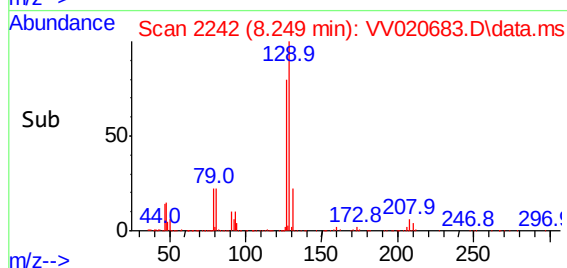
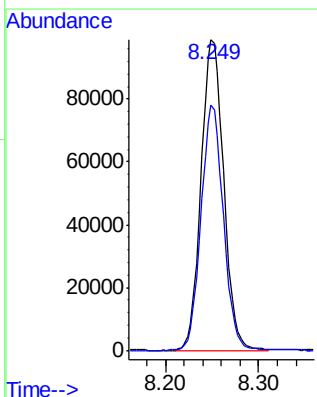
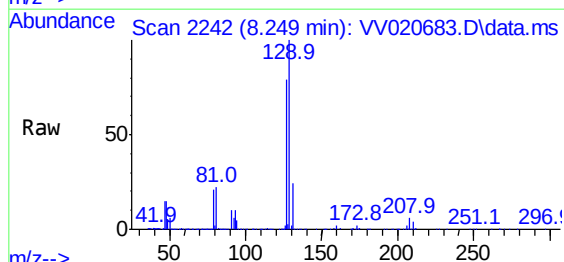
Ion	Ratio	Lower	Upper
43	100		
58	52.5	41.8	62.6
57	17.1	15.0	22.4
100	11.2	8.9	13.3

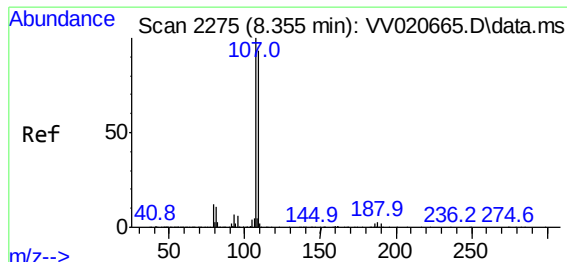


#49
Dibromochloromethane
Concen: 52.29 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 129 Resp: 167258

Ion	Ratio	Lower	Upper
129	100		
127	79.0	55.2	102.6

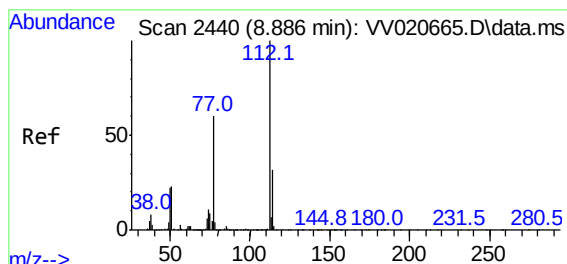
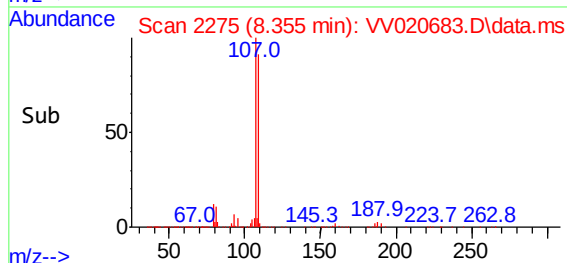
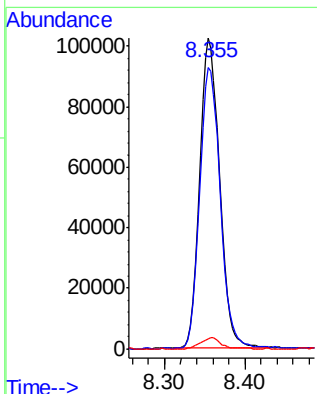
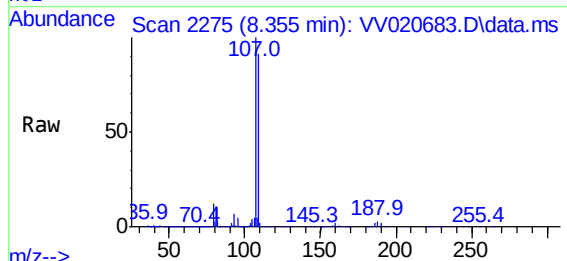




#50
1,2-Dibromoethane
Concen: 51.93 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

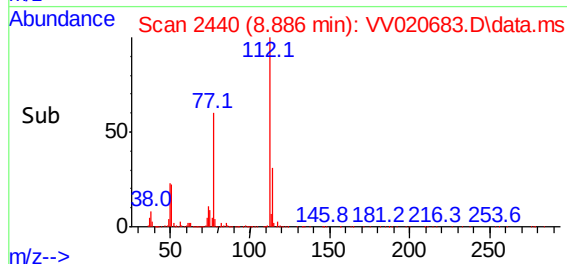
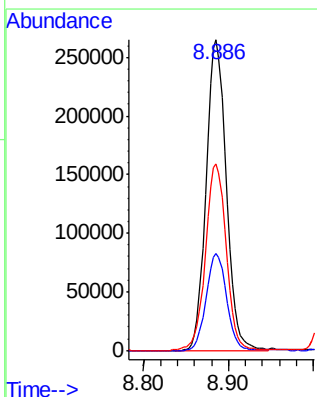
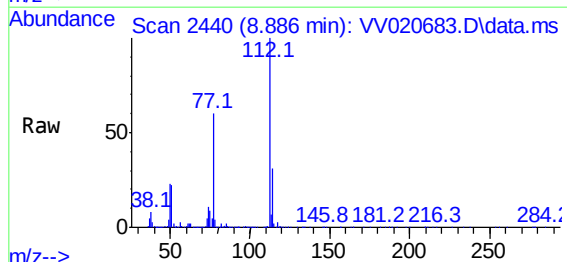
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

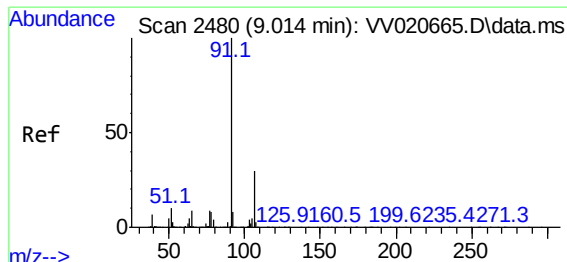
Tgt Ion:107 Resp: 170866
Ion Ratio Lower Upper
107 100
109 90.6 66.2 123.0
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 51.07 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion:112 Resp: 435437
Ion Ratio Lower Upper
112 100
114 31.2 22.2 41.2
77 60.3 49.0 73.6

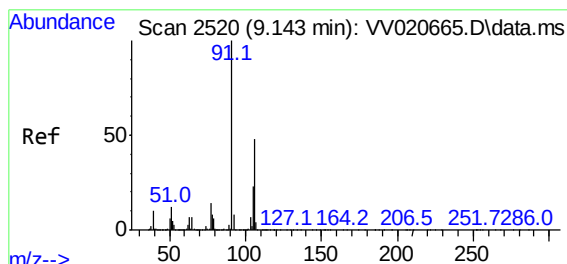
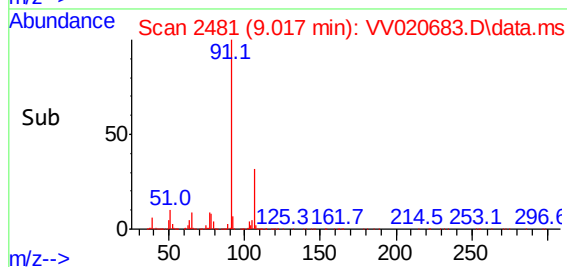
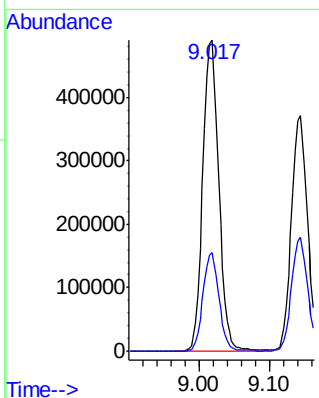
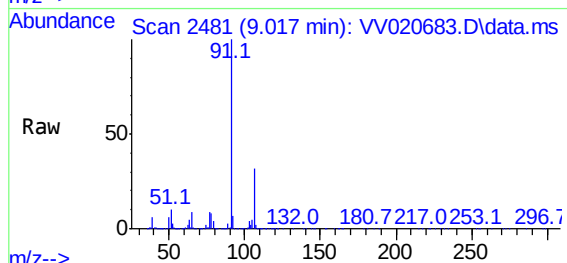




#52
Ethylbenzene
Concen: 51.58 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

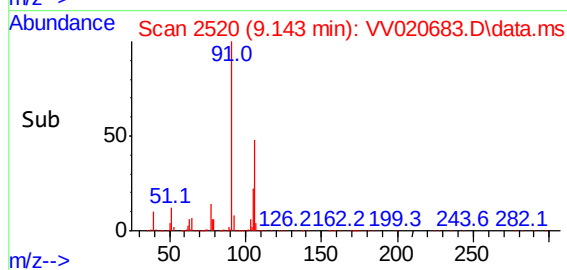
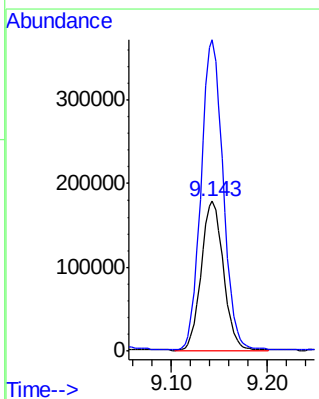
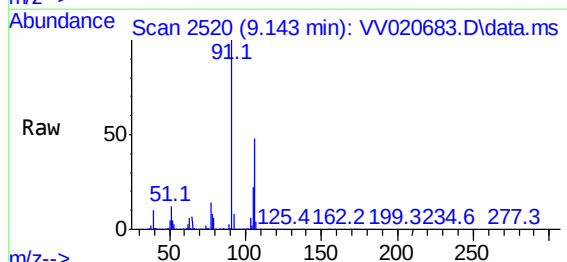
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

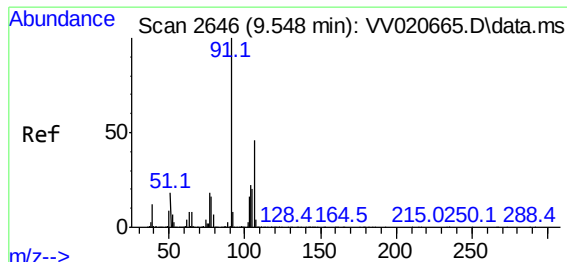
Tgt Ion: 91 Resp: 769751
Ion Ratio Lower Upper
91 100
106 31.6 21.0 39.0



#53
m,p-Xylene
Concen: 52.06 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 106 Resp: 283680
Ion Ratio Lower Upper
106 100
91 208.4 148.1 275.0

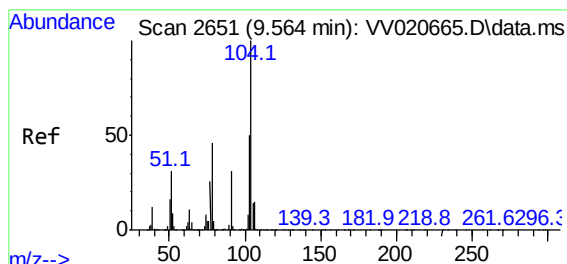
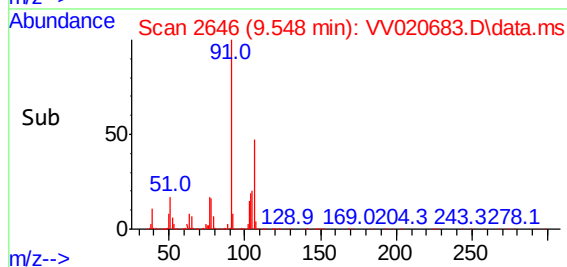
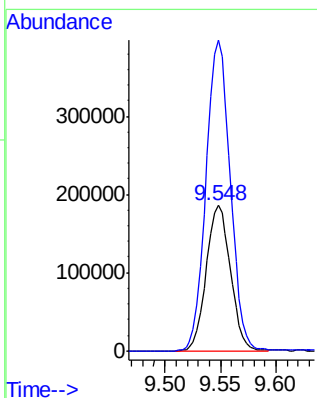
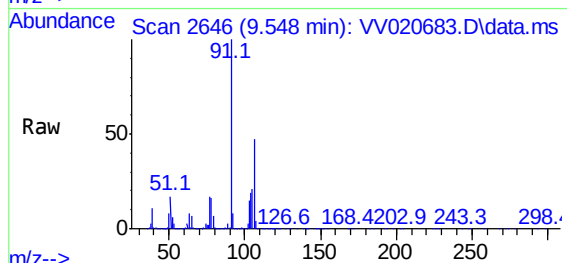




#54
o-xylene
Concen: 53.15 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

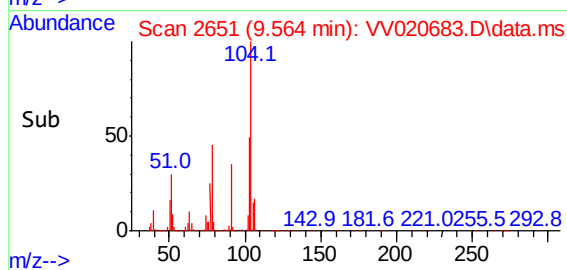
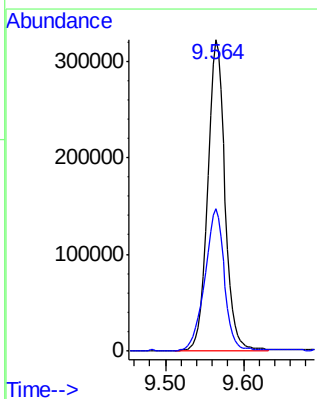
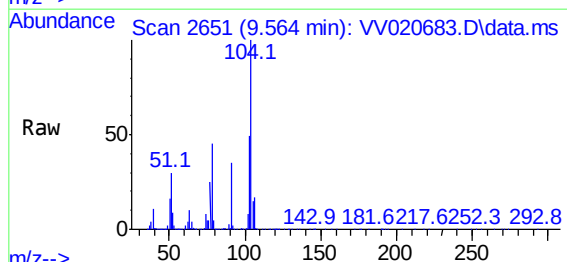
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

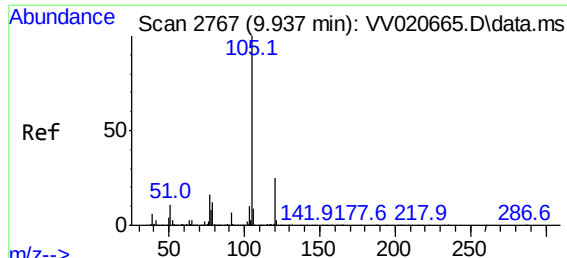
Tgt Ion:106 Resp: 280407
Ion Ratio Lower Upper
106 100
91 213.7 156.4 290.6



#55
Styrene
Concen: 54.28 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion:104 Resp: 500045
Ion Ratio Lower Upper
104 100
78 45.5 33.7 62.5



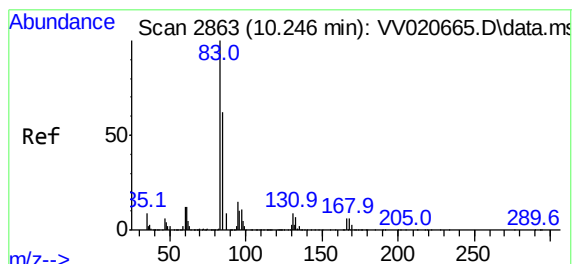
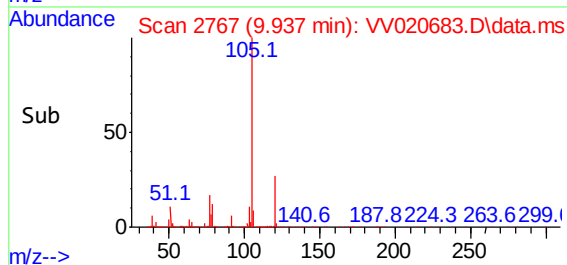
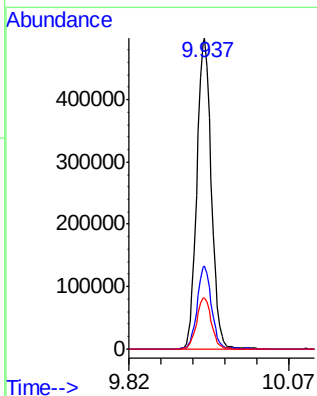
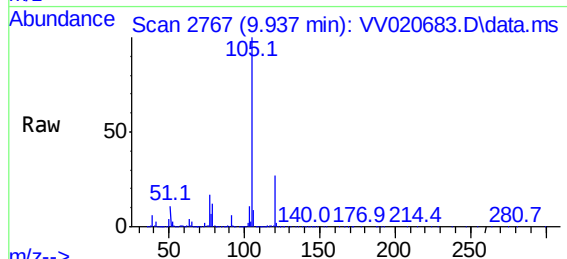


#56
Isopropylbenzene
Concen: 52.58 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Tgt Ion:105 Resp: 750551

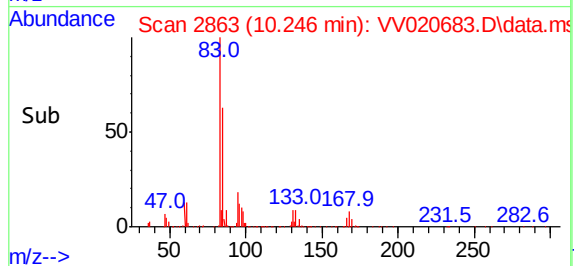
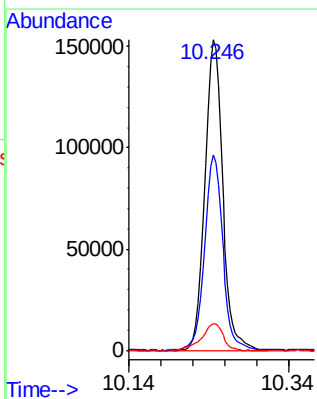
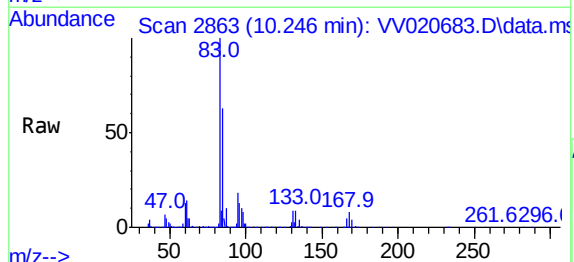
Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.5	30.7
77	16.6	13.6	20.4

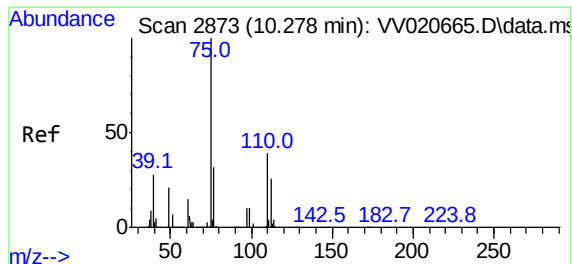


#58
1,1,2,2-Tetrachloroethane
Concen: 53.68 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 83 Resp: 244907

Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.3	82.3
131	8.7	7.3	10.9

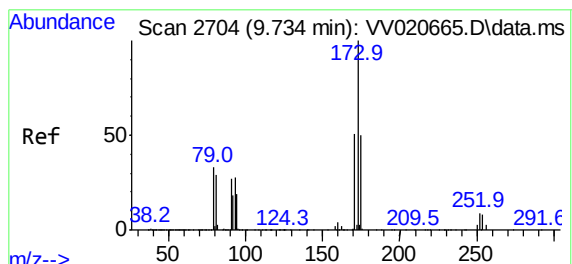
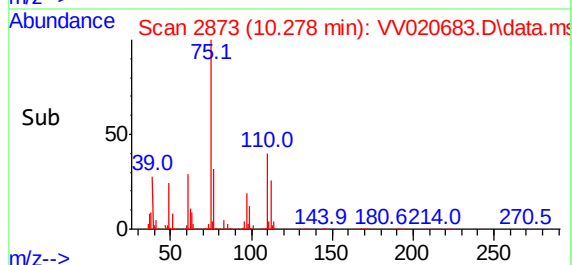
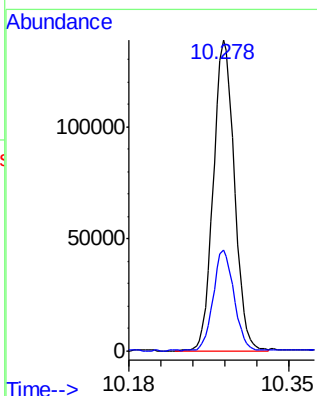
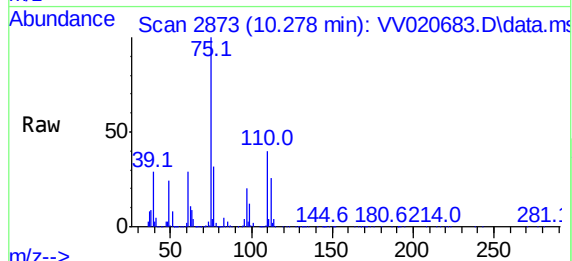




#59
1,2,3-Trichloropropane
Concen: 52.07 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

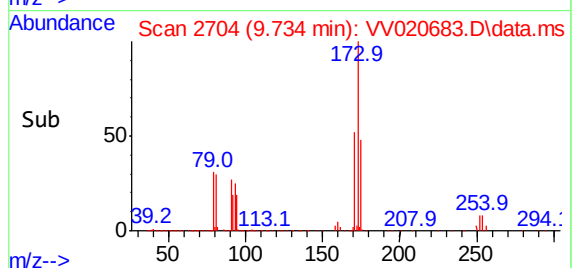
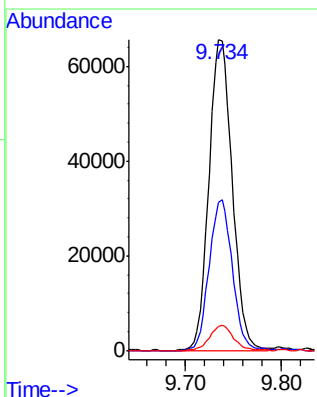
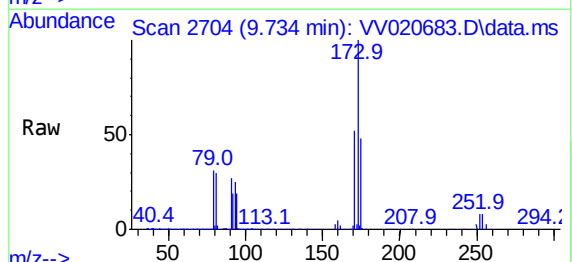
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

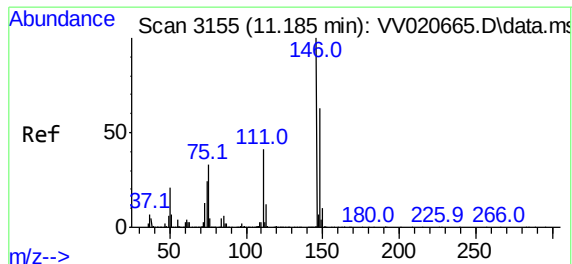
Tgt Ion: 75 Resp: 217534
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0



#61
Bromoform
Concen: 50.33 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion:173 Resp: 110250
Ion Ratio Lower Upper
173 100
175 47.8 38.6 57.8
254 8.2 6.5 9.7

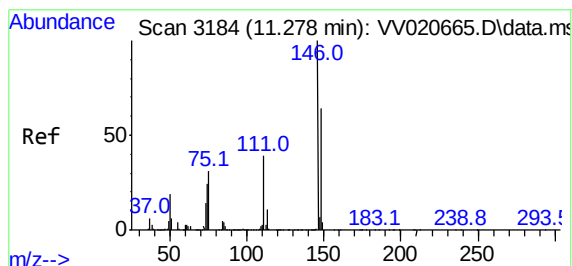
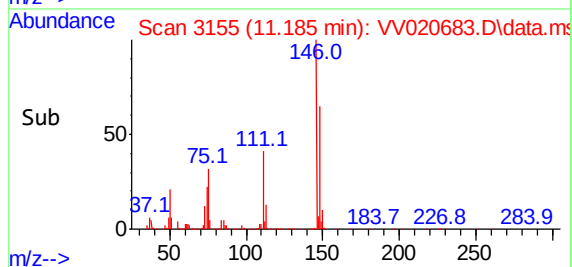
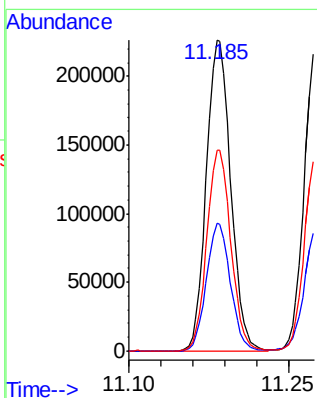
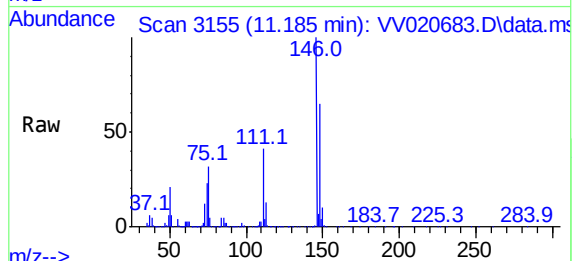




#62
1,3-Dichlorobenzene
Concen: 50.73 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

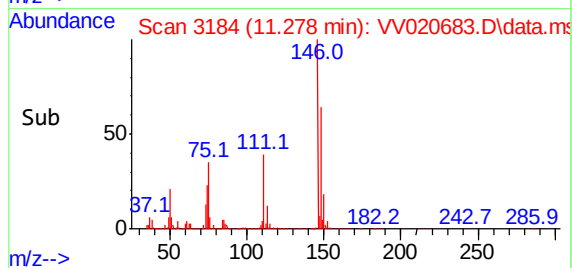
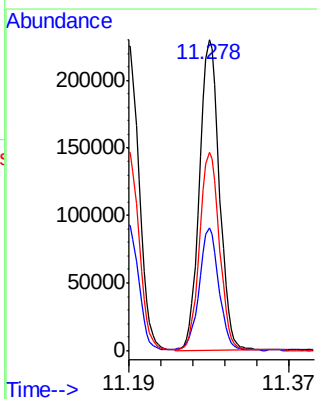
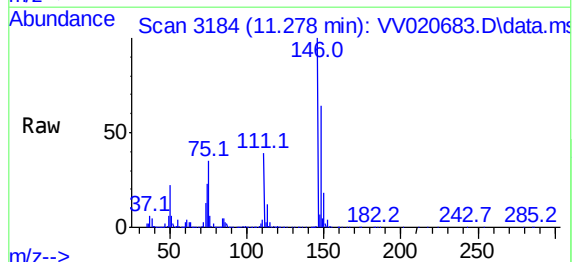
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

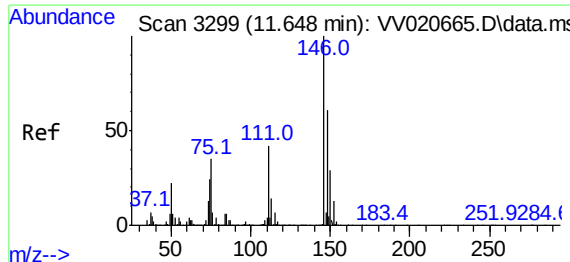
Tgt Ion:146 Resp: 356067
Ion Ratio Lower Upper
146 100
111 41.0 30.2 56.2
148 64.7 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.46 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion:146 Resp: 362329
Ion Ratio Lower Upper
146 100
111 39.4 29.4 54.6
148 63.6 44.7 83.1

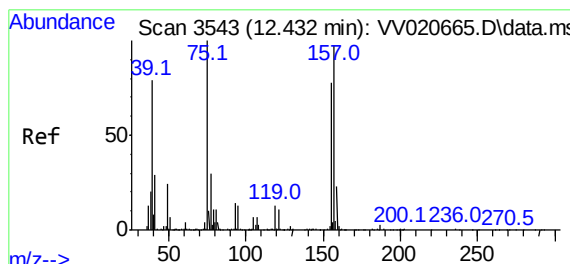
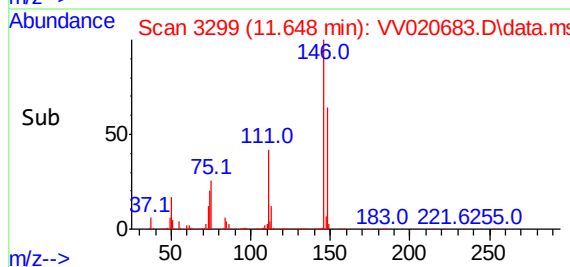
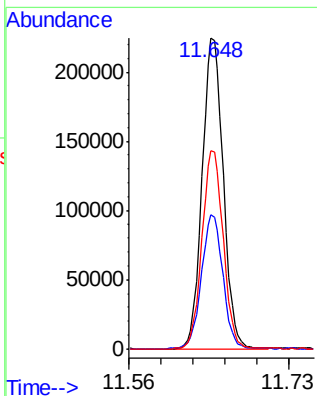
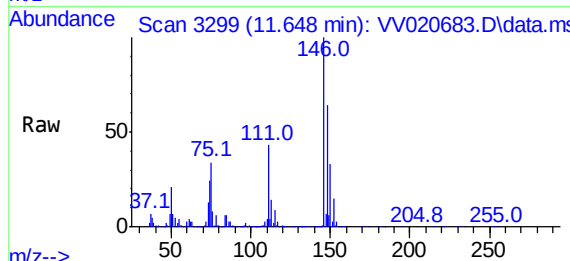




#65
1,2-Dichlorobenzene
Concen: 50.62 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

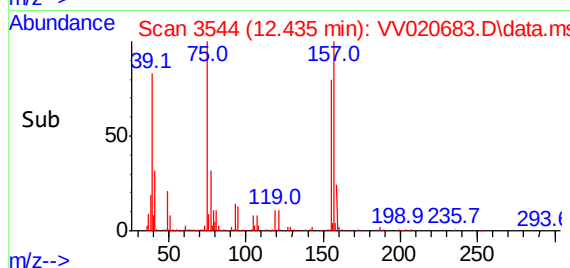
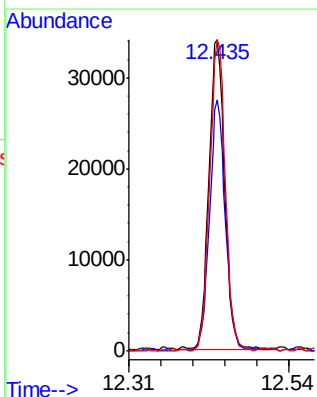
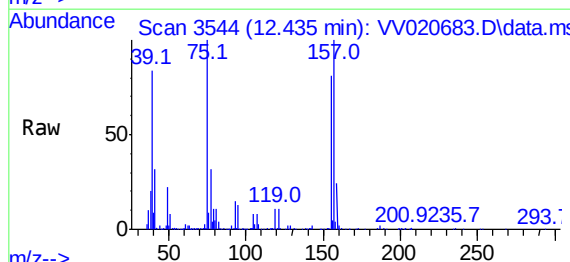
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

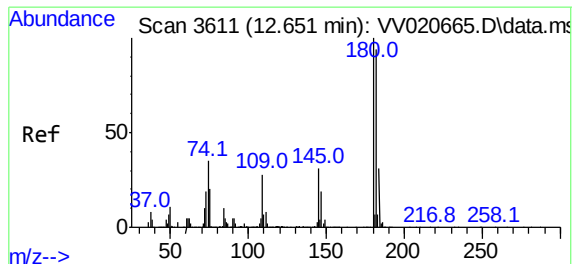
Tgt Ion:146 Resp: 353662
Ion Ratio Lower Upper
146 100
111 43.0 36.3 54.5
148 63.9 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 50.61 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.003 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion: 75 Resp: 53390
Ion Ratio Lower Upper
75 100
155 80.7 59.1 88.7
157 100.1 75.4 113.0

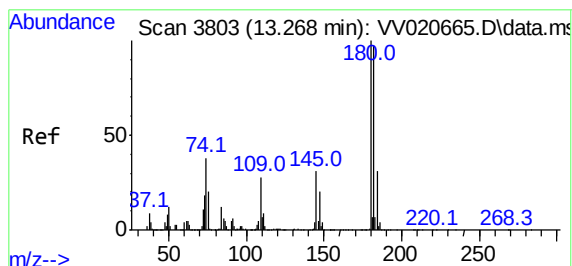
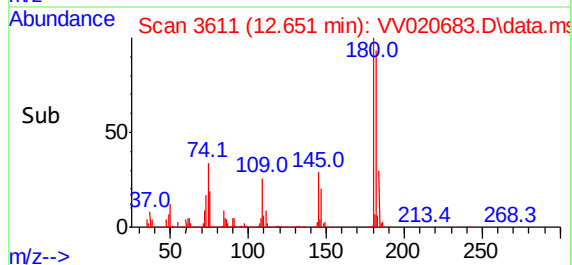
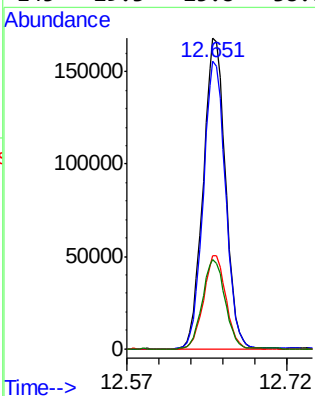
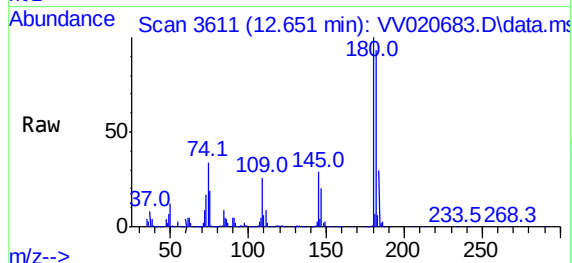




#67
1,3,5-Trichlorobenzene
Concen: 50.23 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

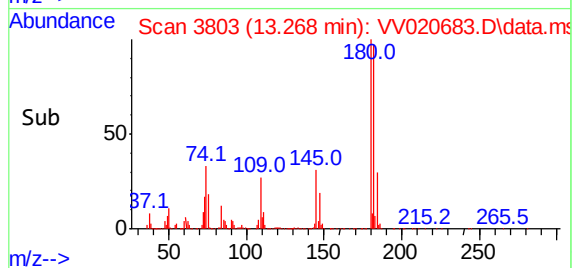
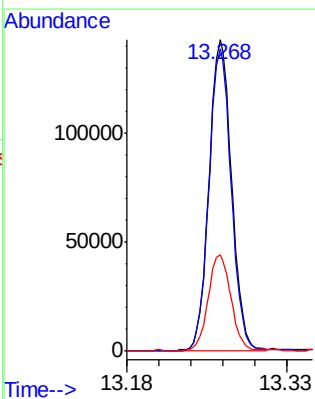
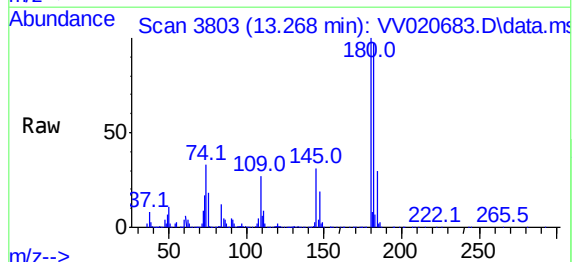
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

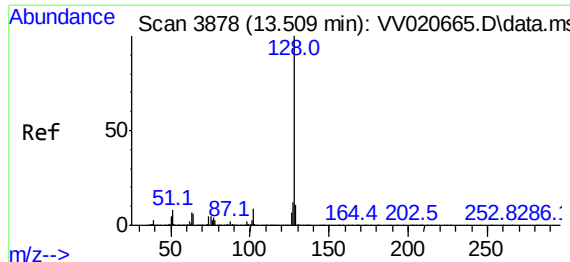
Tgt Ion:180 Resp: 251075
Ion Ratio Lower Upper
180 100
182 92.8 75.0 112.6
184 30.1 24.0 36.0
145 29.3 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 49.97 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion:180 Resp: 216849
Ion Ratio Lower Upper
180 100
182 96.0 75.1 112.7
145 31.1 26.8 40.2

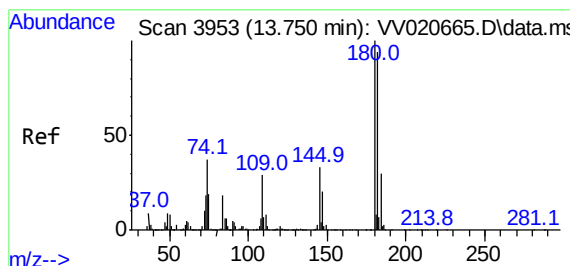
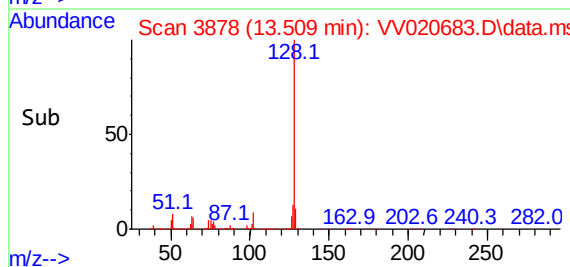
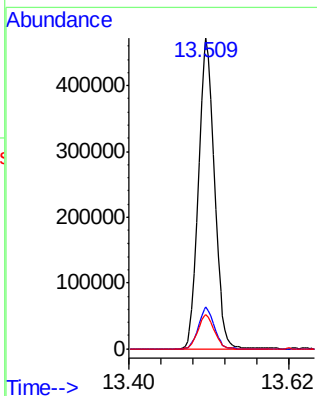
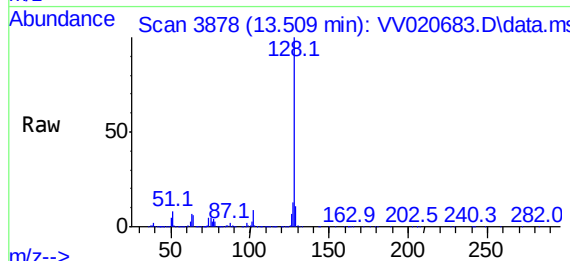




#69
Naphthalene
Concen: 50.34 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Tgt Ion:128 Resp: 710207
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 52.19 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020683.D
Acq: 18 Mar 2021 19:10

Tgt Ion:180 Resp: 224510
Ion Ratio Lower Upper
180 100
182 94.7 76.1 114.1
145 33.2 27.9 41.9

