

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021021\
 Data File : VW020287.D
 Acq On : 10 Feb 2021 09:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 10 17:42:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 01:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	583508	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	574052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	318875	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	193089	45.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.78%		
7) Chloroethane-d5	1.568	69	167960	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.24%		
11) 1,1-Dichloroethene-d2	2.111	63	397365	49.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.82%		
21) 2-Butanone-d5	3.886	46	239749	100.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.87%		
24) Chloroform-d	4.349	84	377259	49.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.66%		
26) 1,2-Dichloroethane-d4	5.031	65	238583	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.42%		
32) Benzene-d6	5.050	84	715546	48.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.22%		
36) 1,2-Dichloropropane-d6	6.069	67	216761	48.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.64%		
41) Toluene-d8	7.317	98	682642	48.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.68%		
43) trans-1,3-Dichloroprop...	7.622	79	110057	48.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.26%		
47) 2-Hexanone-d5	8.091	63	179856	97.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.37%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	309252	48.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.00%		
64) 1,2-Dichlorobenzene-d4	11.632	152	291482	48.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.62%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	264828	51.04	ug/L	100
3) Chloromethane	1.243	50	224776	48.74	ug/L	99
5) Vinyl chloride	1.310	62	251374	50.62	ug/L	99
6) Bromomethane	1.523	94	162005	52.20	ug/L	95
8) Chloroethane	1.587	64	161616	52.03	ug/L	99
9) Trichlorofluoromethane	1.754	101	372411	52.77	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	206344	54.94	ug/L	93
12) 1,1-Dichloroethene	2.117	96	192286	53.12	ug/L	85
13) Acetone	2.179	43	186037	110.88	ug/L	95
14) Carbon disulfide	2.294	76	548111	51.38	ug/L	100
15) Methyl Acetate	2.433	43	180494	50.56	ug/L #	89
16) Methylene chloride	2.507	84	208130	52.49	ug/L	89
17) trans-1,2-Dichloroethene	2.761	96	196115	52.26	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	580159	50.91	ug/L	96
19) 1,1-Dichloroethane	3.188	63	355040	52.08	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	209668	51.95	ug/L	91
22) 2-Butanone	3.969	43	262221	109.90	ug/L	95
23) Bromochloromethane	4.246	128	112568	51.58	ug/L #	82
25) Chloroform	4.375	83	374856	52.51	ug/L	98

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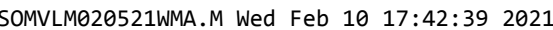
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 ClientSampleId :

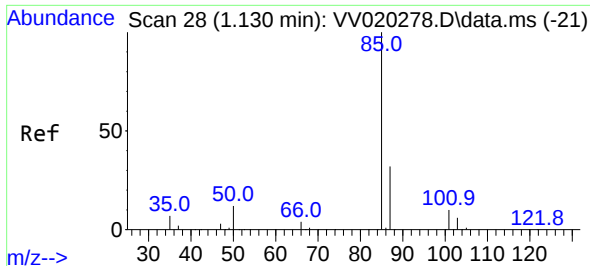
Quant Time: Feb 10 17:42:22 2021
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 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 01:47:10 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	292228	51.71	ug/L	97
29) Cyclohexane	4.677	56	298707	51.32	ug/L	90
30) 1,1,1-Trichloroethane	4.609	97	326474	51.22	ug/L	98
31) Carbon tetrachloride	4.828	117	284786	51.37	ug/L	98
33) Benzene	5.098	78	800917	52.18	ug/L	100
34) Trichloroethene	5.915	95	220000	52.16	ug/L	95
35) Methylcyclohexane	6.133	83	337795	52.89	ug/L	93
37) 1,2-Dichloropropane	6.175	63	202605	52.11	ug/L	98
38) Bromodichloromethane	6.510	83	275680	51.59	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	324702	52.74	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	499932	101.98	ug/L #	93
42) Toluene	7.387	91	882658	52.28	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	315531	52.70	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	202471	50.60	ug/L	98
46) Tetrachloroethene	7.979	164	177122	51.39	ug/L	95
48) 2-Hexanone	8.140	43	391265	104.32	ug/L #	91
49) Dibromochloromethane	8.249	129	227197	51.46	ug/L	99
50) 1,2-Dibromoethane	8.355	107	218261	50.92	ug/L	99
51) Chlorobenzene	8.886	112	582289	51.41	ug/L	96
52) Ethylbenzene	9.014	91	987998	52.98	ug/L	98
53) m,p-Xylene	9.143	106	371183	52.28	ug/L	95
54) o-xylene	9.548	106	360496	52.15	ug/L	95
55) Styrene	9.564	104	640401	53.84	ug/L	95
56) Isopropylbenzene	9.937	105	979562	52.81	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	317617	50.38	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	265372	50.91	ug/L	99
61) Bromoform	9.735	173	161925	49.91	ug/L #	99
62) 1,3-Dichlorobenzene	11.188	146	485585	51.48	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	493698	51.04	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	480421	51.01	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	71908	49.77	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.654	180	381321	51.77	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	338355	51.77	ug/L	96
69) Naphthalene	13.509	128	1004468	53.67	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	343195	52.74	ug/L	98

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

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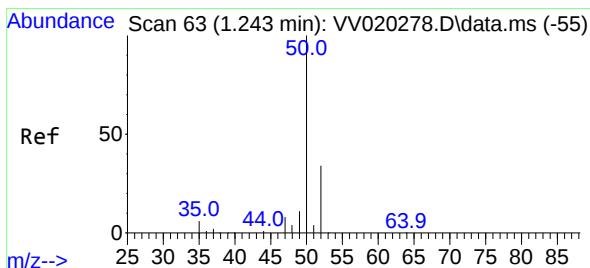
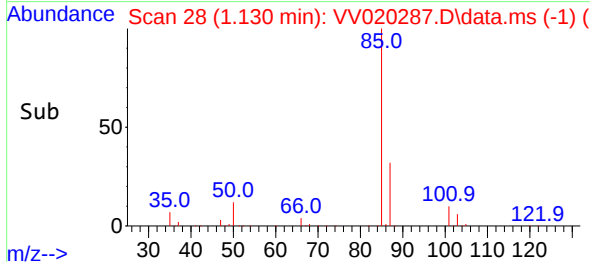
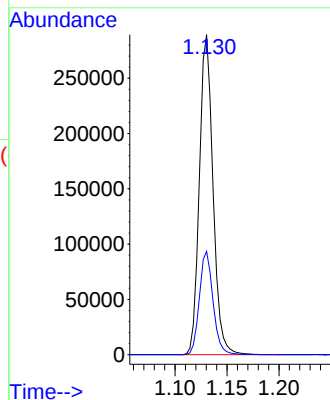
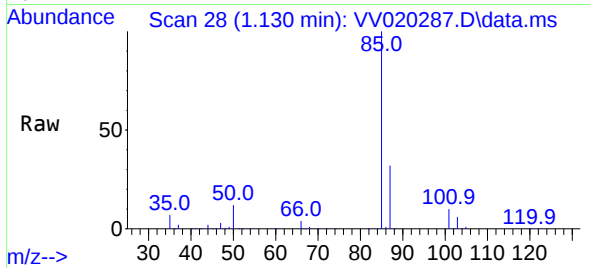




#2
 Dichlorodifluoromethane
 Concen: 51.04 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020287.D
 Acq: 10 Feb 2021 09:53

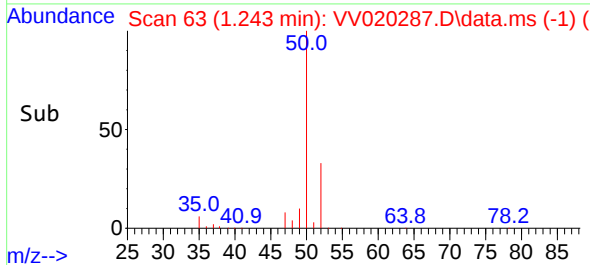
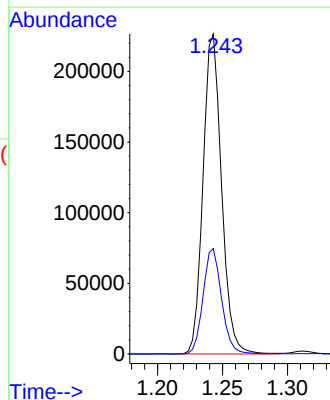
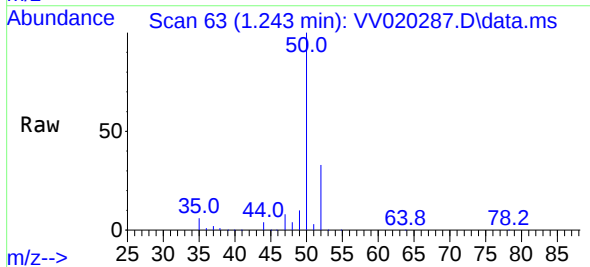
Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion: 85 Resp: 264828
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9

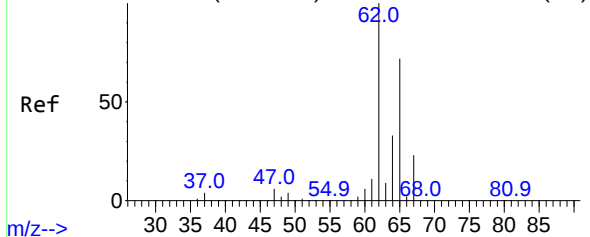


#3
 Chloromethane
 Concen: 48.74 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020287.D
 Acq: 10 Feb 2021 09:53

Tgt Ion: 50 Resp: 224776
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1

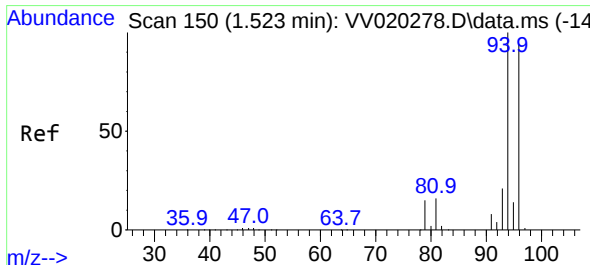
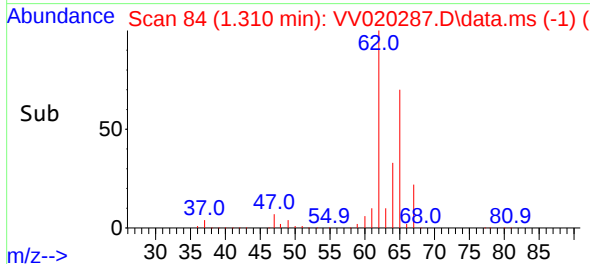
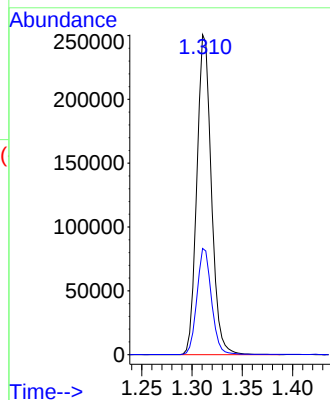
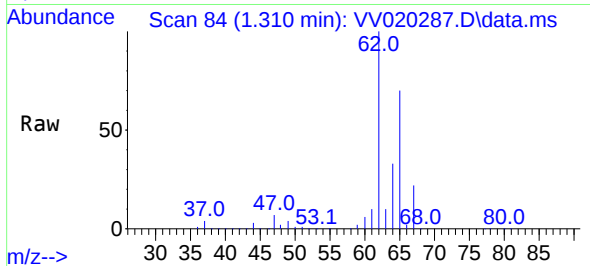


Abundance Scan 84 (1.311 min): VV020278.D\data.ms (-76)



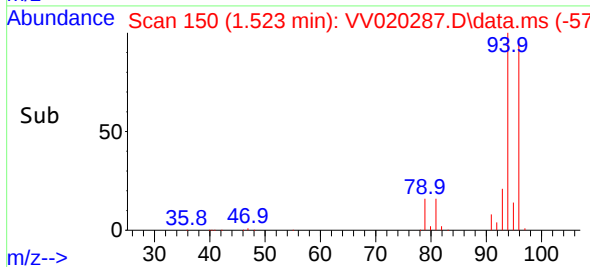
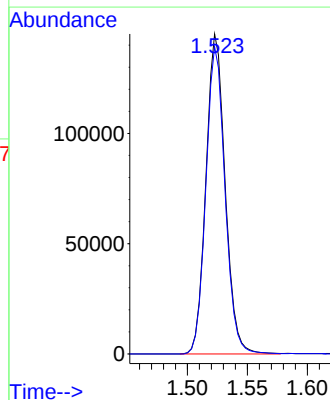
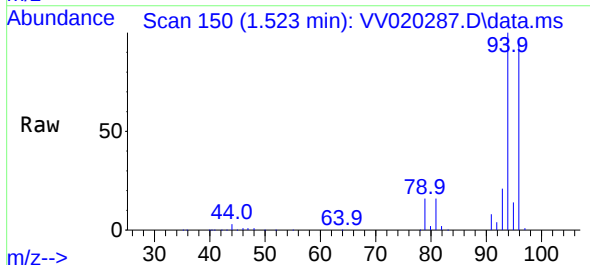
#5
Vinyl chloride
Concen: 50.62 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

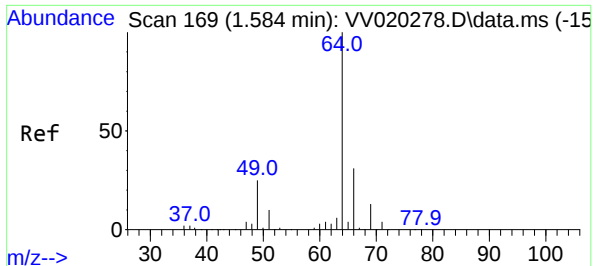
Tgt Ion: 62 Resp: 251374
Ion Ratio Lower Upper
62 100
64 33.2 23.0 42.6



#6
Bromomethane
Concen: 52.20 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 94 Resp: 162005
Ion Ratio Lower Upper
94 100
96 96.1 63.6 118.2

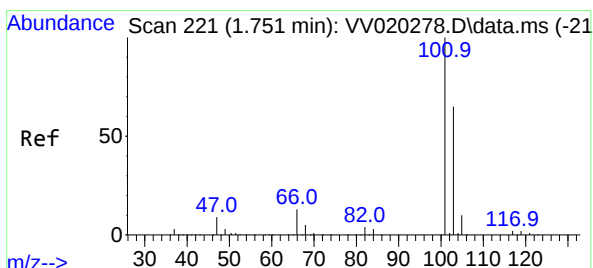
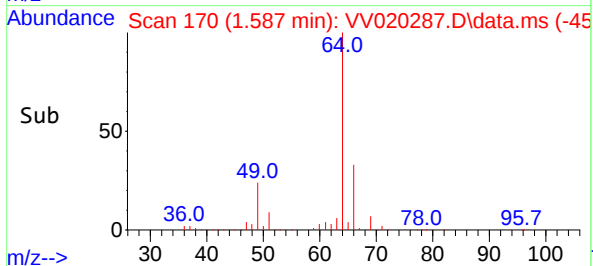
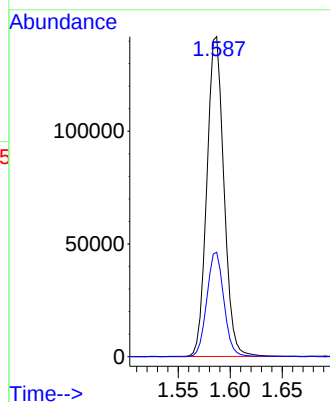
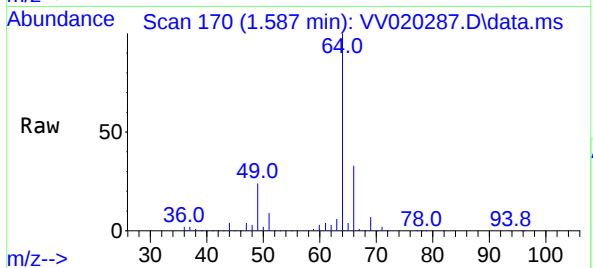




#8
Chloroethane
Concen: 52.03 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

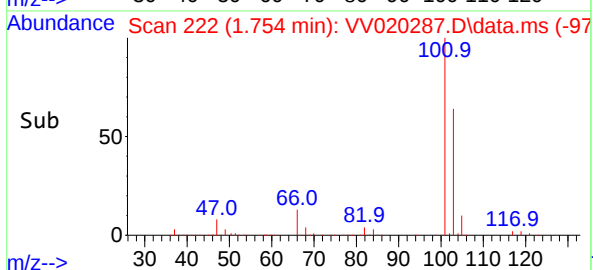
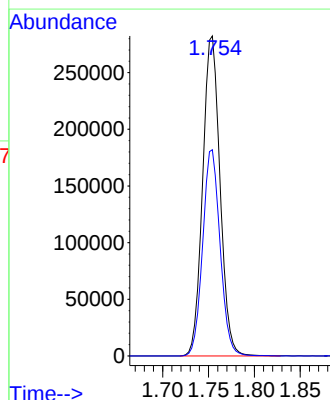
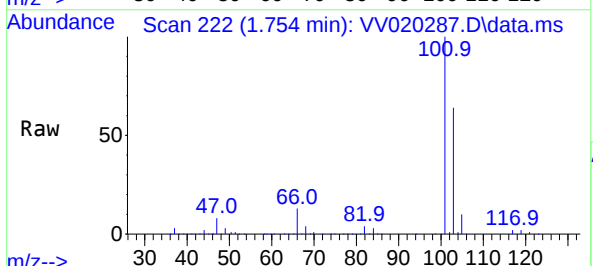
Instrument :
MSVOA_V
ClientSampled :

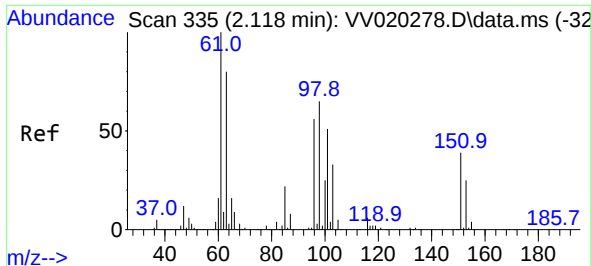
Tgt Ion: 64 Resp: 161616
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 52.77 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion:101 Resp: 372411
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

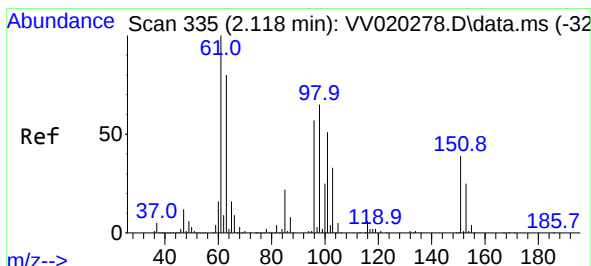
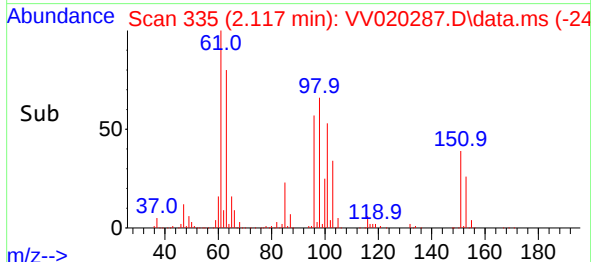
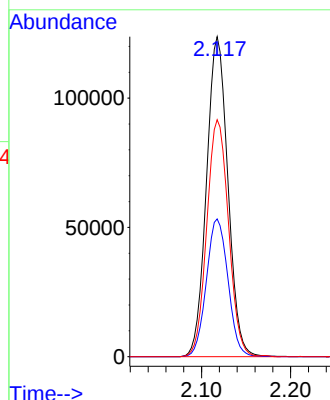
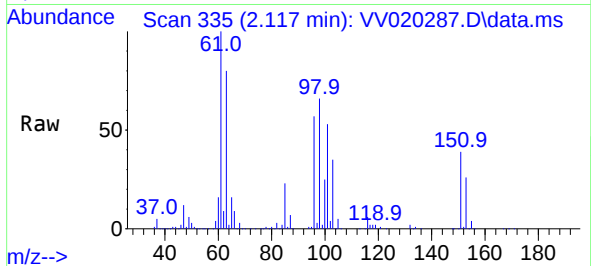




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.94 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

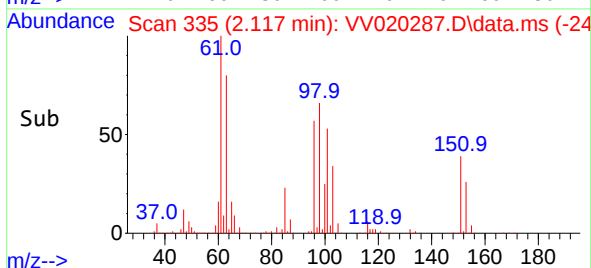
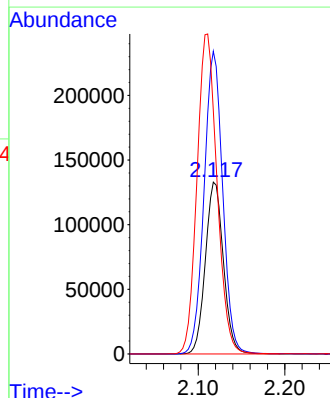
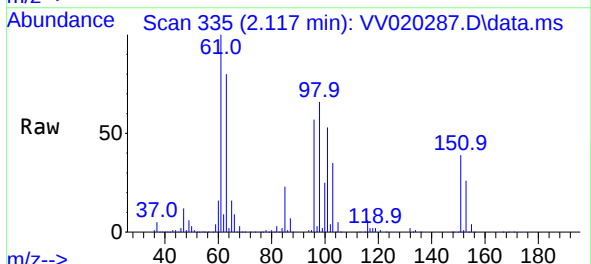
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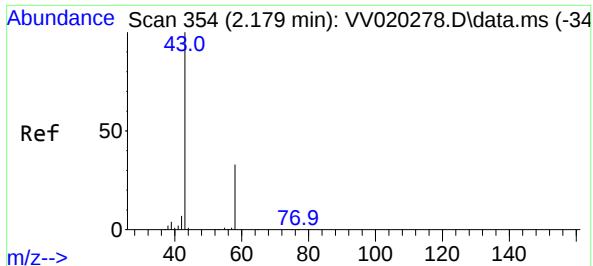
Tgt Ion:101 Resp: 206344
Ion Ratio Lower Upper
101 100
85 43.6 35.3 52.9
151 75.2 53.6 80.4



#12
1,1-Dichloroethene
Concen: 53.12 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 96 Resp: 192286
Ion Ratio Lower Upper
96 100
61 176.2 134.9 250.5
63 141.6 117.6 218.4

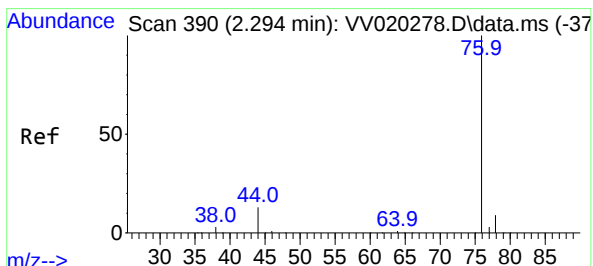
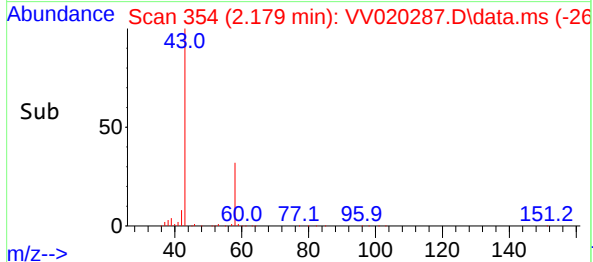
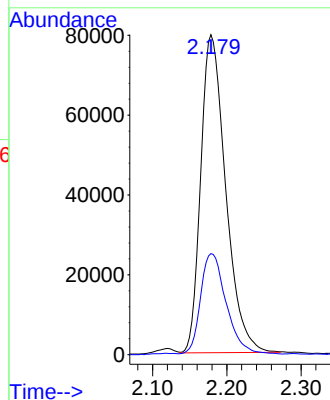
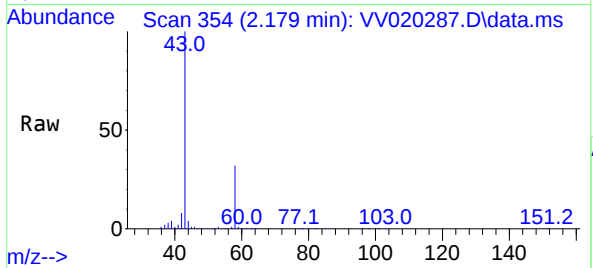




#13
Acetone
Concen: 110.88 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

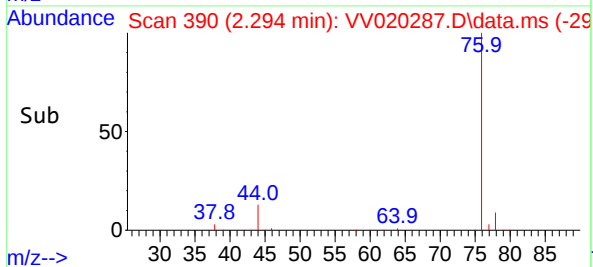
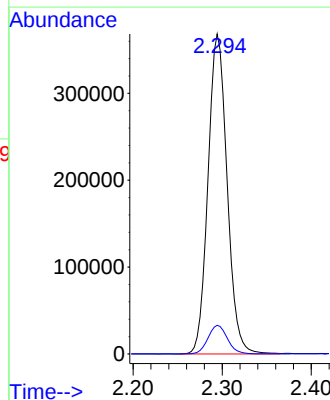
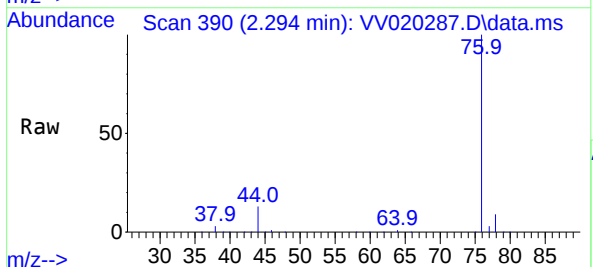
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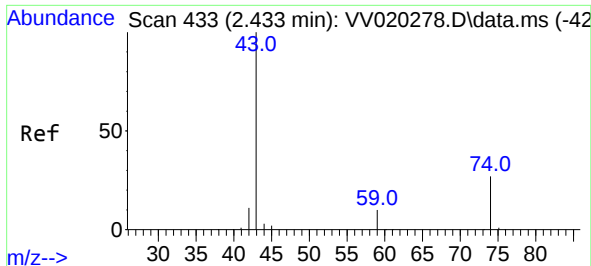
Tgt Ion: 43 Resp: 186037
Ion Ratio Lower Upper
43 100
58 33.0 0.0 60.2



#14
Carbon disulfide
Concen: 51.38 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 76 Resp: 548111
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

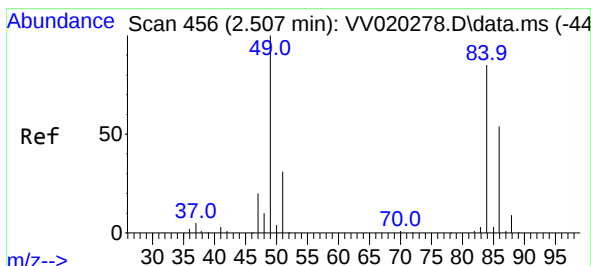
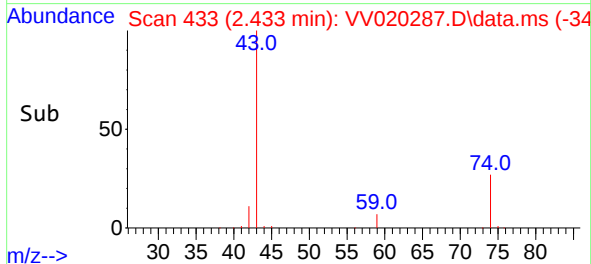
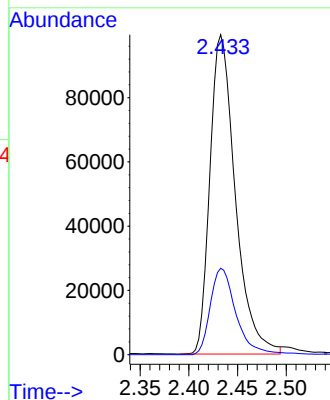
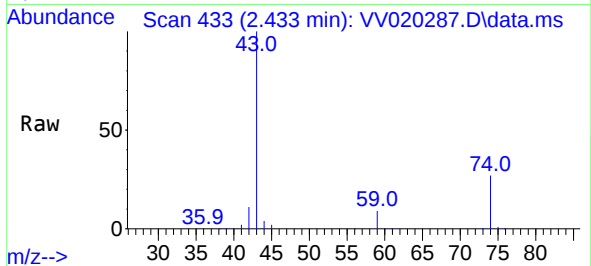




#15
Methyl Acetate
Concen: 50.56 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

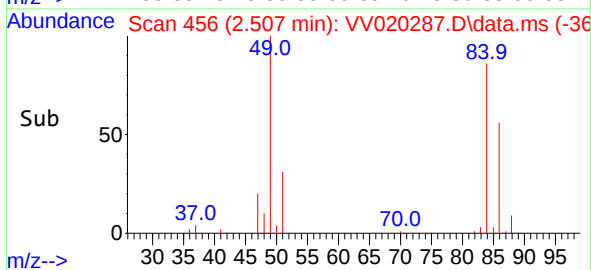
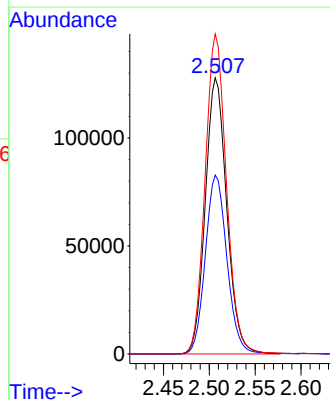
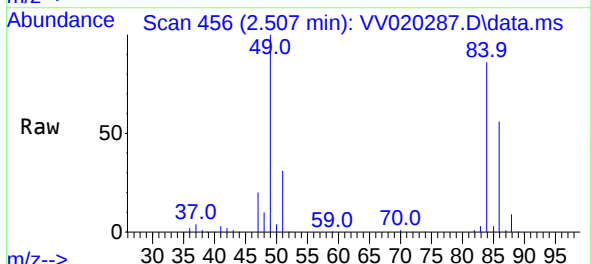
Instrument :
MSVOA_V
ClientSampled :

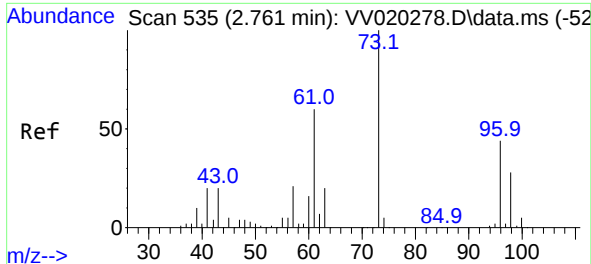
Tgt Ion: 43 Resp: 180494
Ion Ratio Lower Upper
43 100
74 27.2 17.6 26.4#



#16
Methylene chloride
Concen: 52.49 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 84 Resp: 208130
Ion Ratio Lower Upper
84 100
86 64.8 44.6 82.8
49 115.9 94.6 175.8

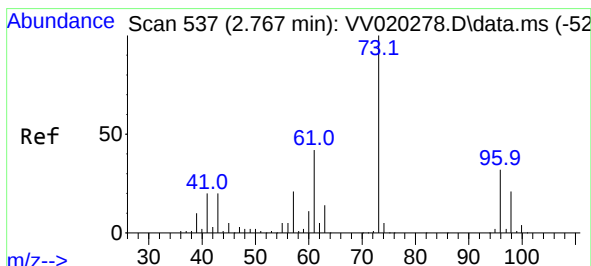
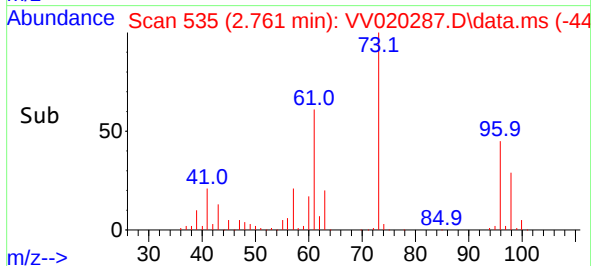
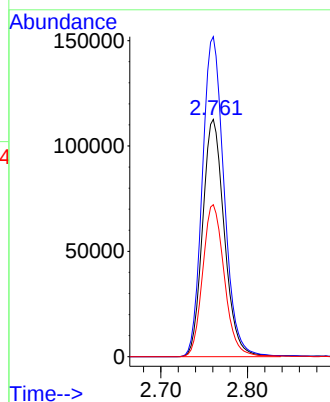
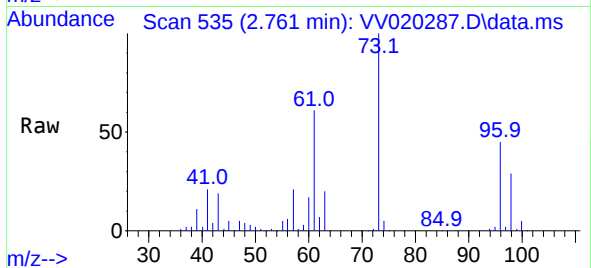




#17
trans-1,2-Dichloroethene
Concen: 52.26 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

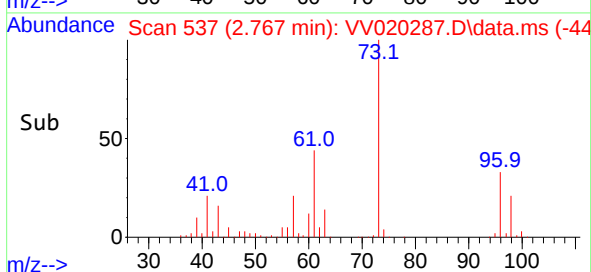
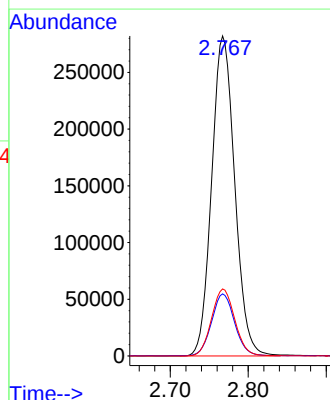
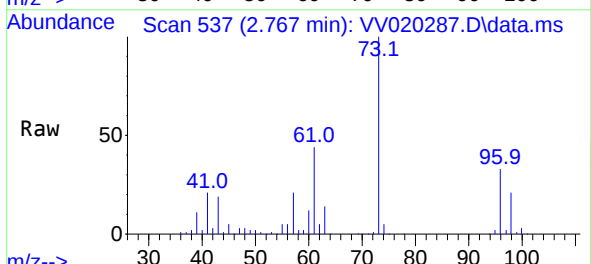
Instrument :
MSVOA_V
ClientSampleId :

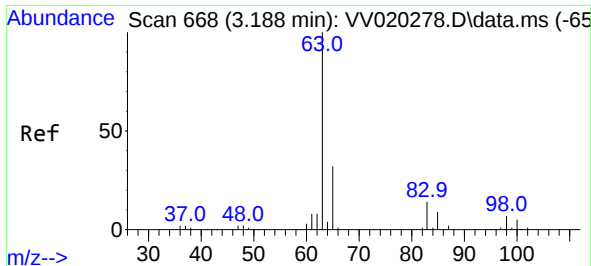
Tgt Ion: 96 Resp: 196115
Ion Ratio Lower Upper
96 100
61 134.9 103.1 191.5
98 64.1 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 50.91 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 73 Resp: 580159
Ion Ratio Lower Upper
73 100
43 19.2 17.3 25.9
57 21.2 17.9 26.9



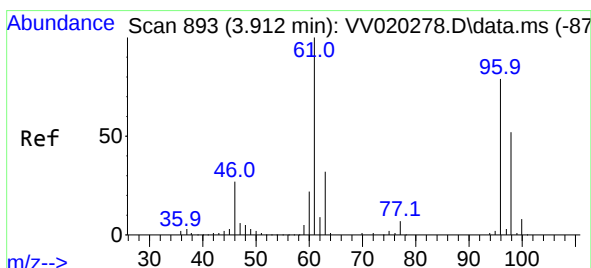
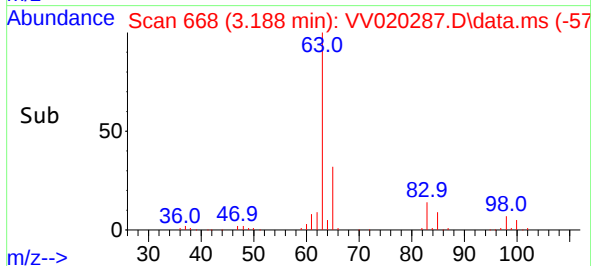
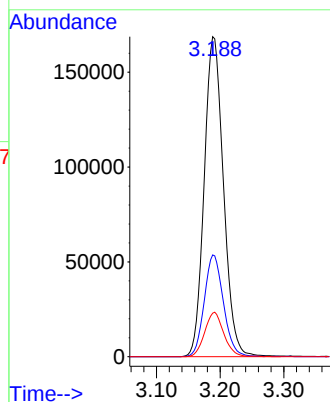
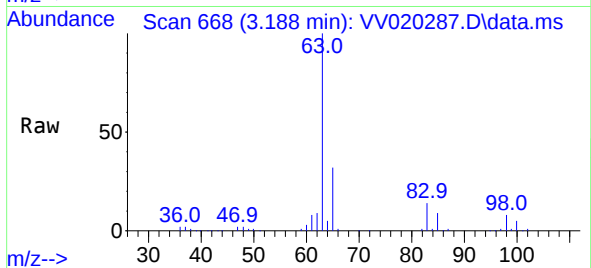


#19
1,1-Dichloroethane
Concen: 52.08 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 355040

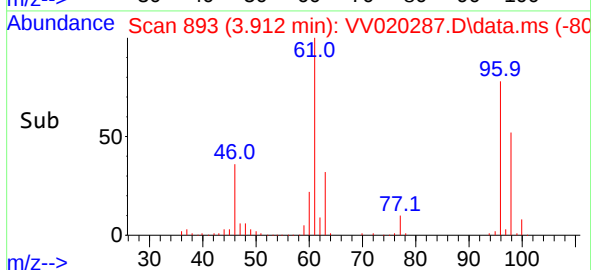
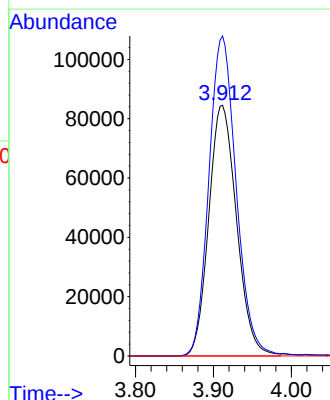
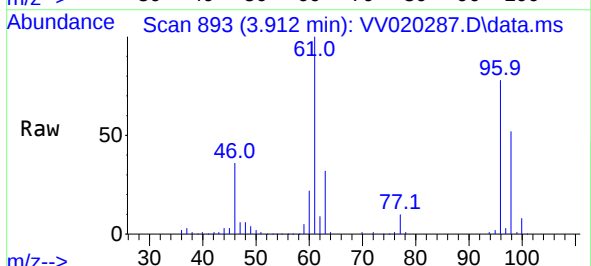
Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.9	40.7
83	13.6	9.5	17.7

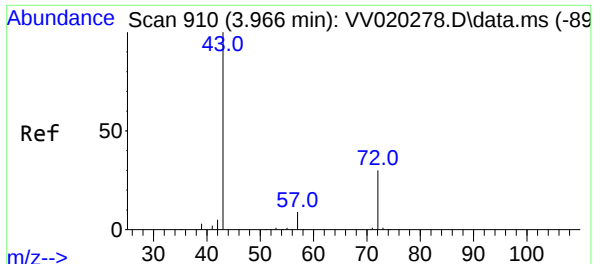


#20
cis-1,2-Dichloroethene
Concen: 51.95 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 96 Resp: 209668

Ion	Ratio	Lower	Upper
96	100		
61	127.6	96.9	179.9
68	0.0	0.0	0.0

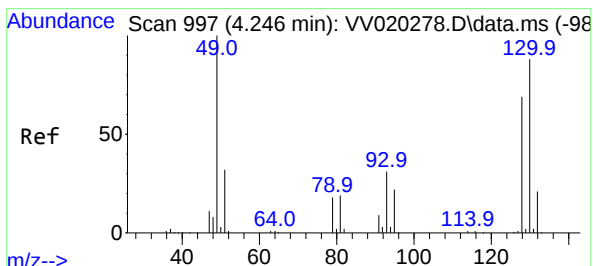
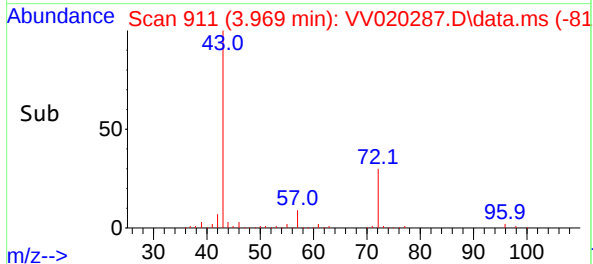
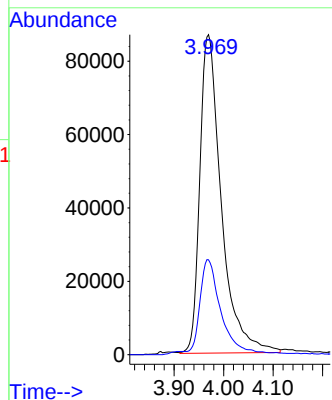
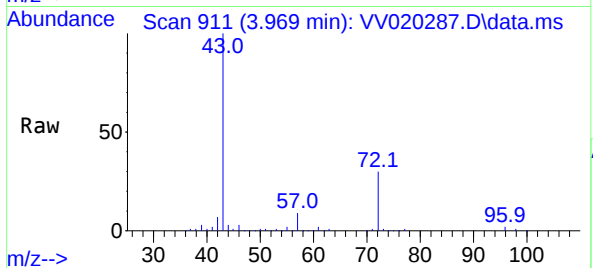




#22
2-Butanone
Concen: 109.90 ug/L
RT: 3.969 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

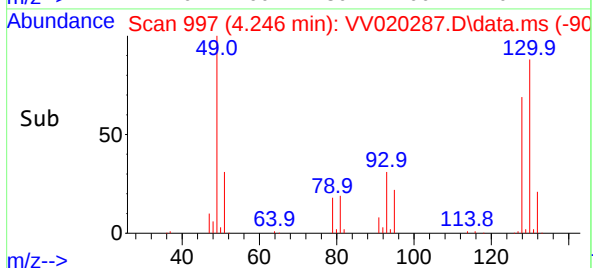
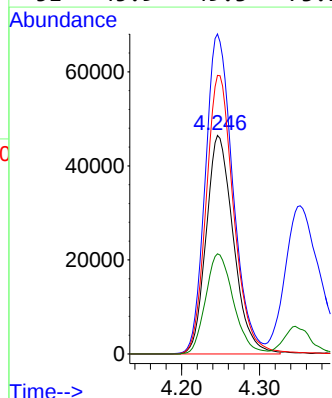
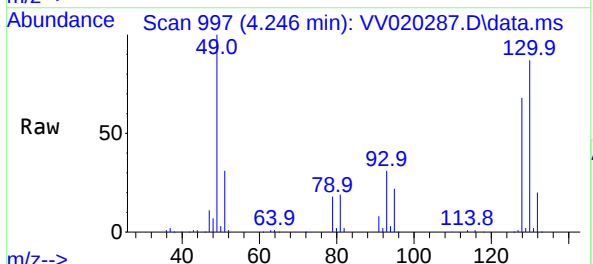
Instrument :
MSVOA_V
ClientSampled :

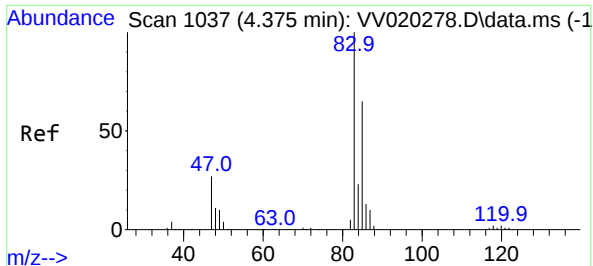
Tgt Ion: 43 Resp: 262221
Ion Ratio Lower Upper
43 100
72 26.7 12.2 36.6



#23
Bromochloromethane
Concen: 51.58 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion:128 Resp: 112568
Ion Ratio Lower Upper
128 100
49 146.4 133.1 247.1
130 127.4 89.0 165.4
51 45.9 49.3 73.9#



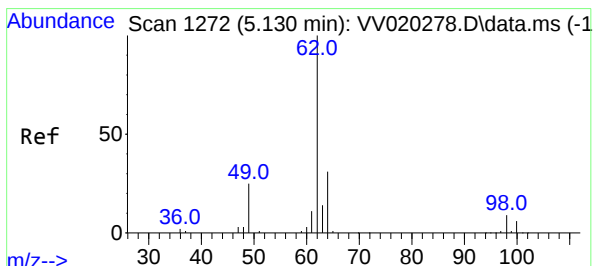
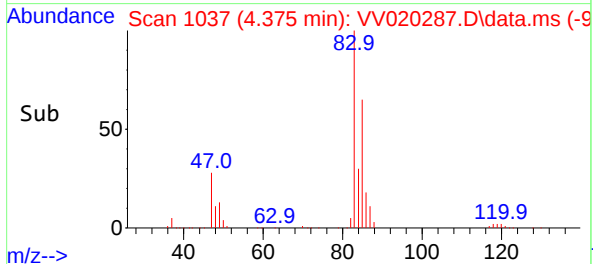
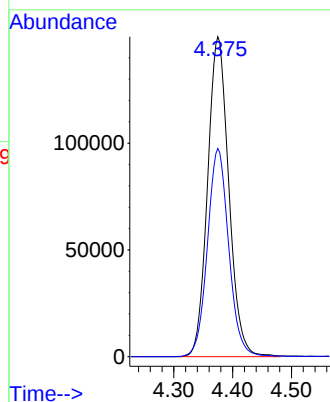
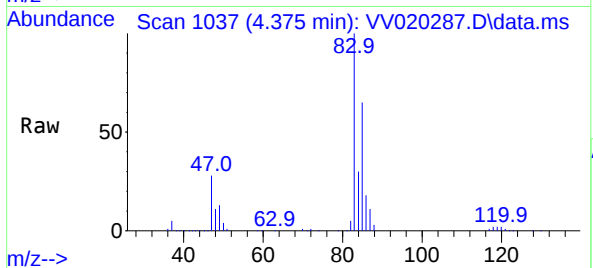


#25

Chloroform
Concen: 52.51 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Instrument :
MSVOA_V
ClientSampled :

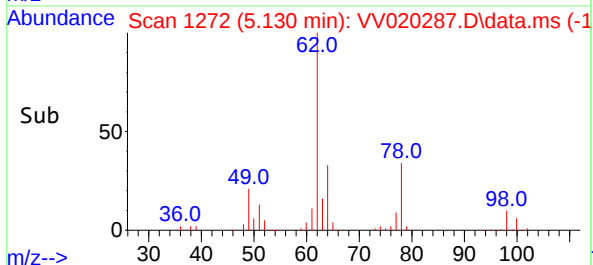
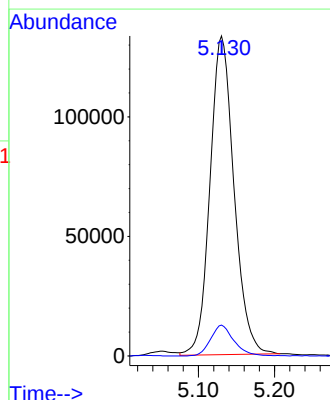
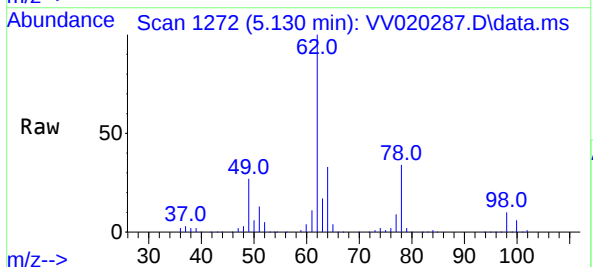
Tgt Ion: 83 Resp: 374856
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.2

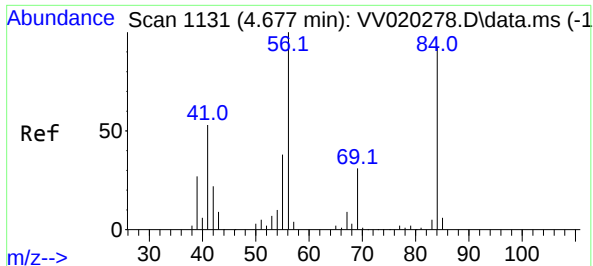


#27

1,2-Dichloroethane
Concen: 51.71 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 62 Resp: 292228
Ion Ratio Lower Upper
62 100
98 9.6 6.9 10.3





#29

Cyclohexane

Concen: 51.32 ug/L

RT: 4.677 min Scan# 1131

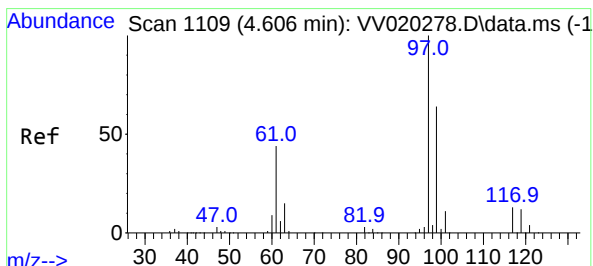
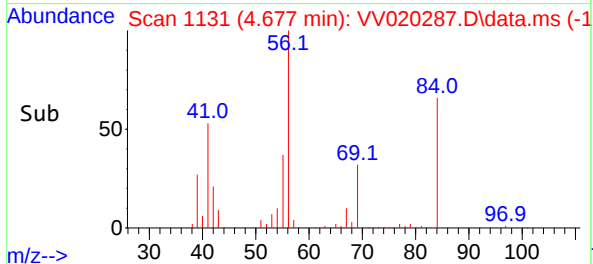
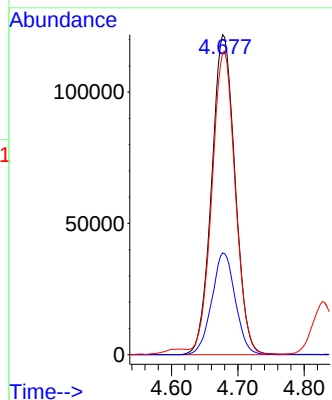
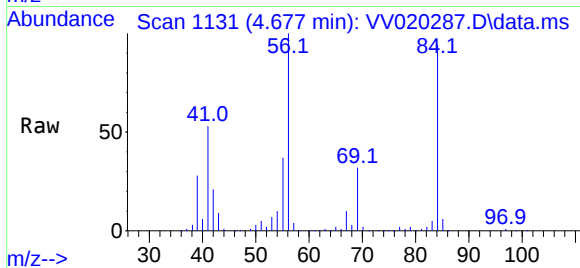
Delta R.T. -0.000 min

Lab File: VV020287.D

Acq: 10 Feb 2021 09:53

Tgt Ion: 56 Resp: 298707

Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.2	36.2
84	94.5	66.3	99.5



#30

1,1,1-Trichloroethane

Concen: 51.22 ug/L

RT: 4.609 min Scan# 1110

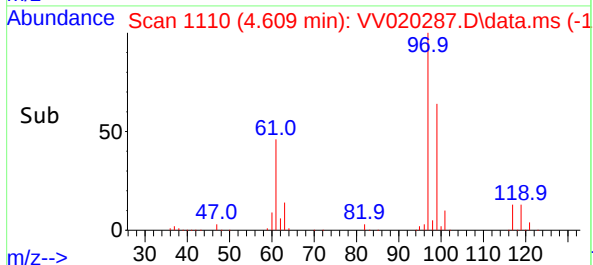
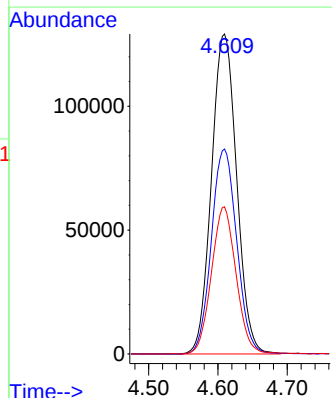
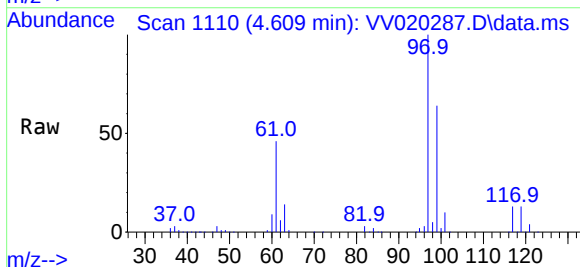
Delta R.T. 0.003 min

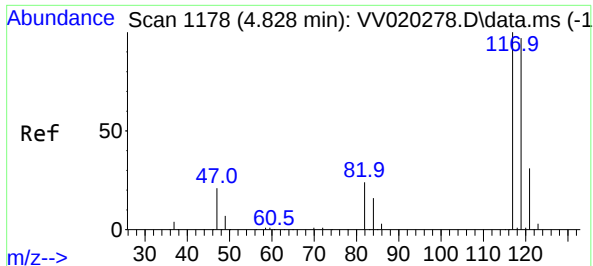
Lab File: VV020287.D

Acq: 10 Feb 2021 09:53

Tgt Ion: 97 Resp: 326474

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	45.1	38.5	57.7

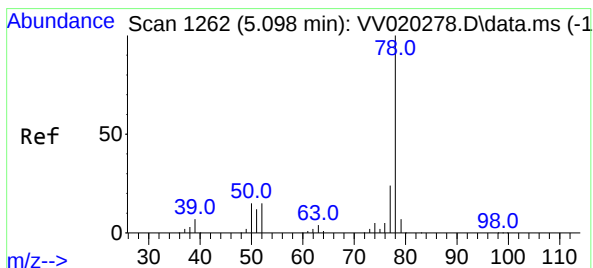
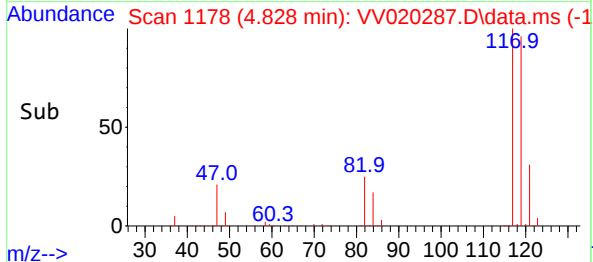
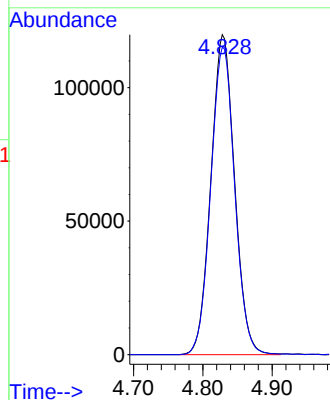
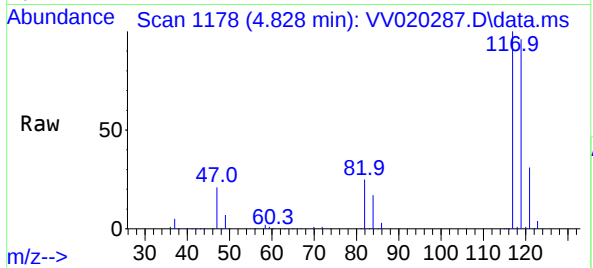




#31
Carbon tetrachloride
Concen: 51.37 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

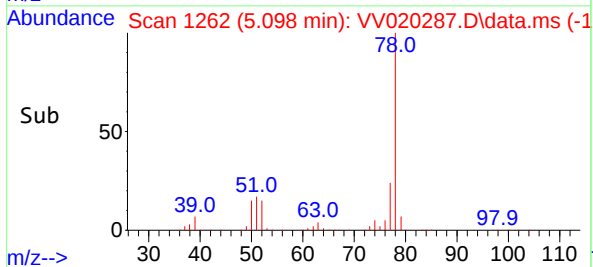
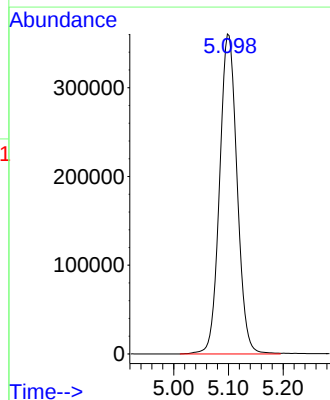
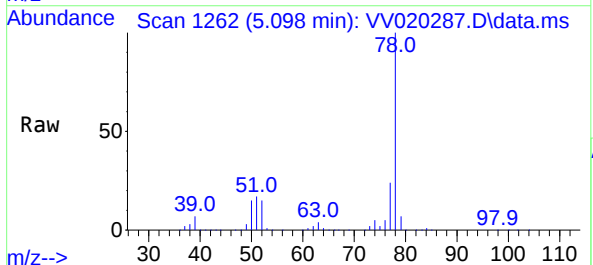
Instrument :
MSVOA_V
ClientSampled :

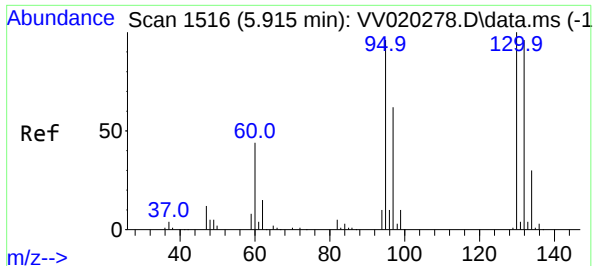
Tgt Ion:117 Resp: 284786
Ion Ratio Lower Upper
117 100
119 97.1 76.3 114.5



#33
Benzene
Concen: 52.18 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 78 Resp: 800917

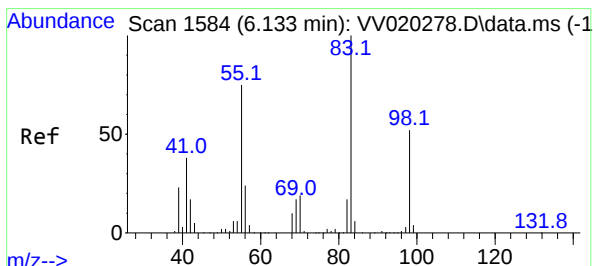
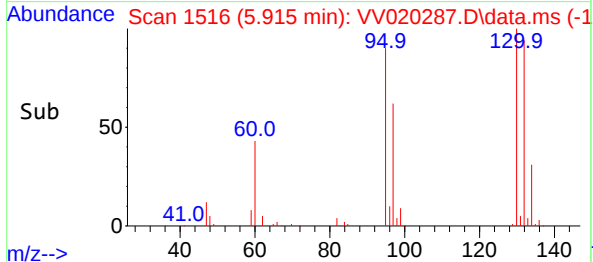
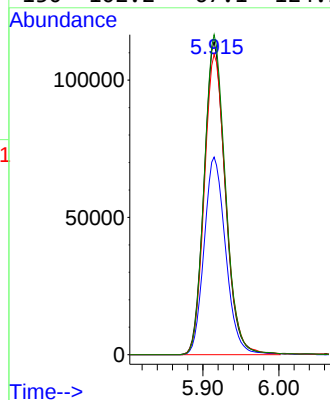
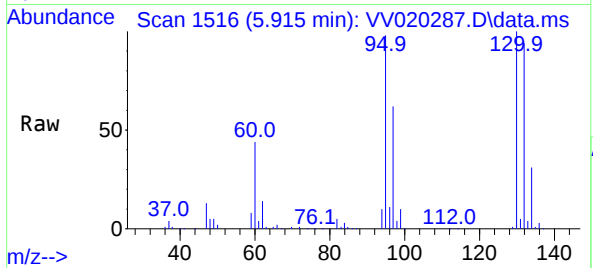




#34
Trichloroethene
Concen: 52.16 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

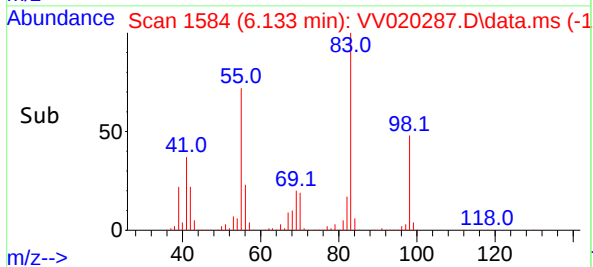
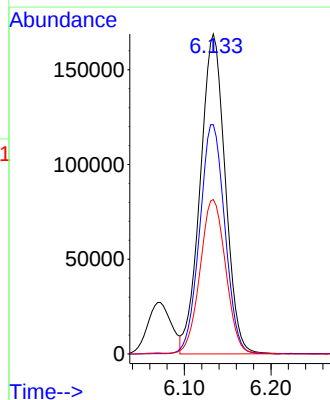
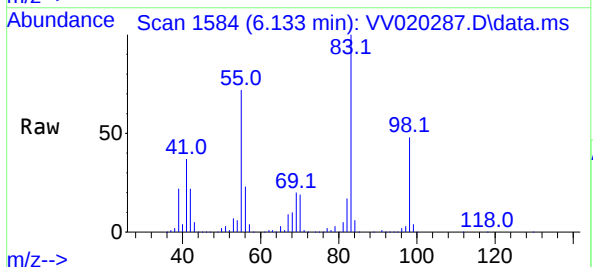
Instrument :
MSVOA_V
ClientSampleId :

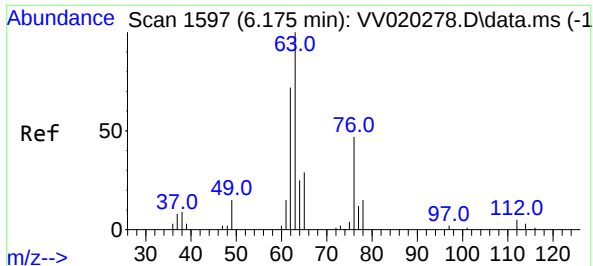
Tgt Ion: 95 Resp: 220000
Ion Ratio Lower Upper
95 100
97 63.1 44.5 82.7
132 95.9 63.4 117.8
130 102.2 67.1 124.5



#35
Methylcyclohexane
Concen: 52.89 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 83 Resp: 337795
Ion Ratio Lower Upper
83 100
55 72.6 65.1 97.7
98 49.3 38.2 57.2



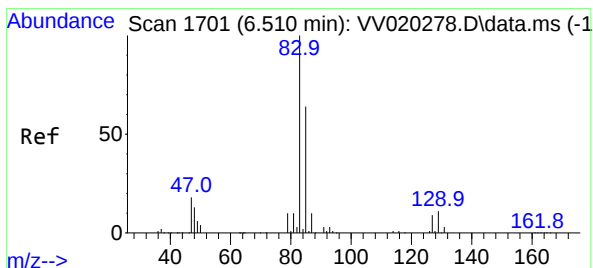
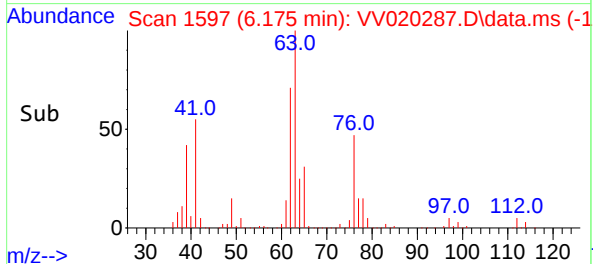
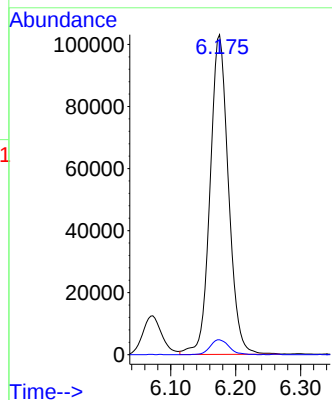
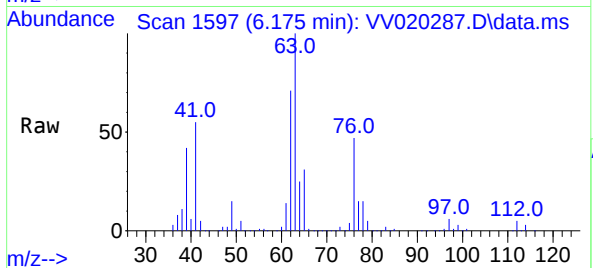


#37

1,2-Dichloropropane
Concen: 52.11 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Instrument :
MSVOA_V
ClientSampled :

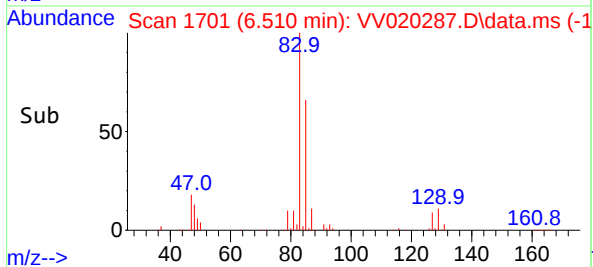
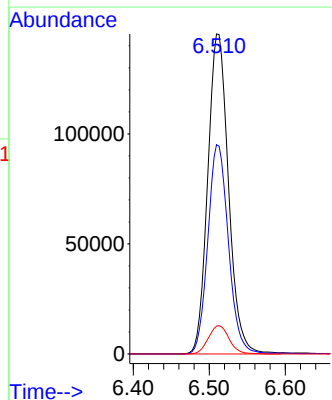
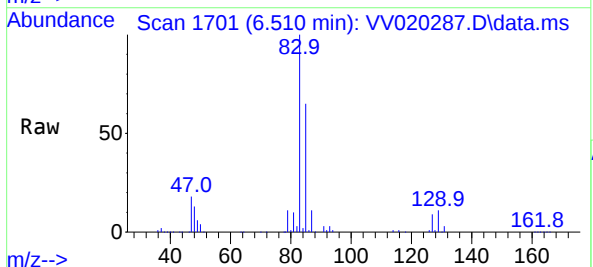
Tgt Ion: 63 Resp: 202605
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9

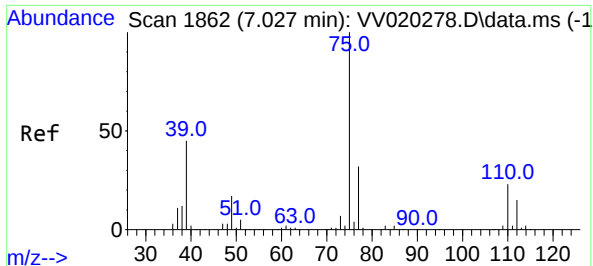


#38

Bromodichloromethane
Concen: 51.59 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 83 Resp: 275680
Ion Ratio Lower Upper
83 100
85 65.4 44.5 82.7
127 8.7 6.3 9.5

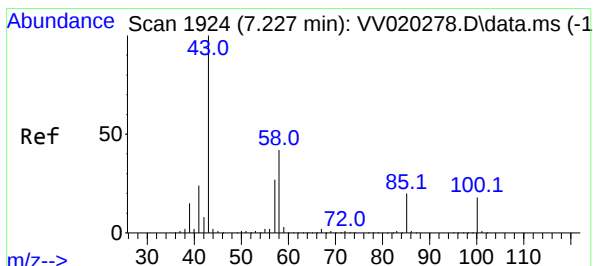
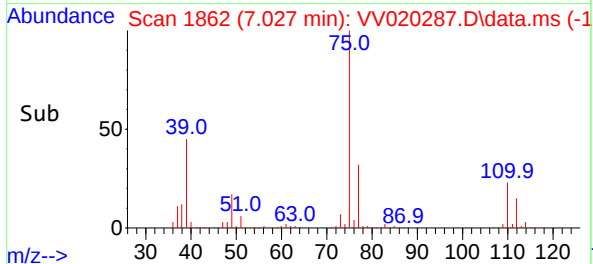
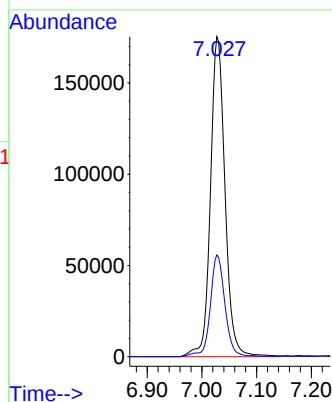
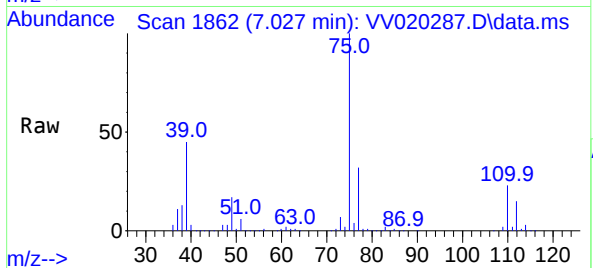




#39
cis-1,3-Dichloropropene
Concen: 52.74 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

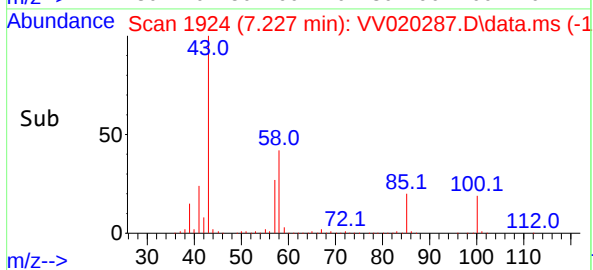
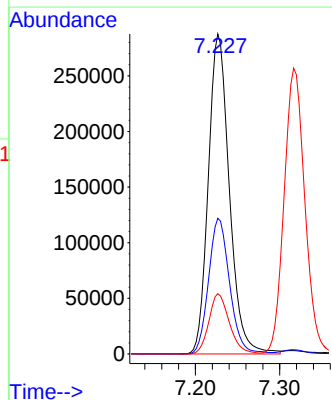
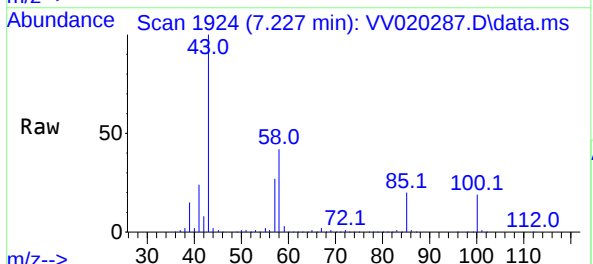
Instrument :
MSVOA_V
ClientSampled :

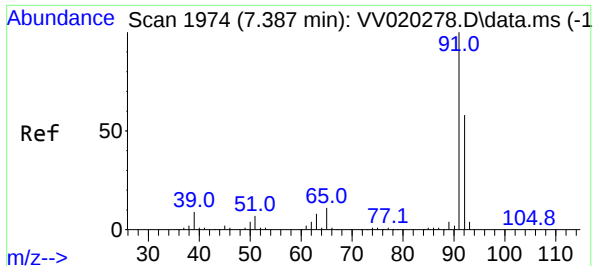
Tgt Ion: 75 Resp: 324702
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 101.98 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 43 Resp: 499932
Ion Ratio Lower Upper
43 100
58 42.4 30.7 46.1
100 18.3 11.6 17.4#

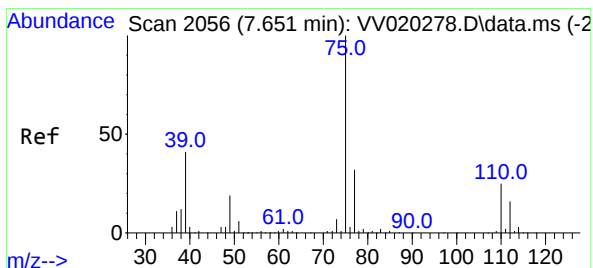
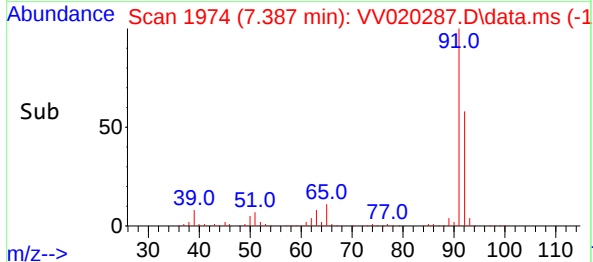
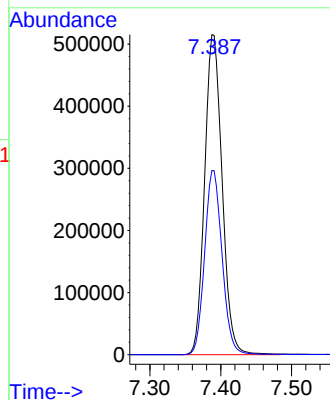
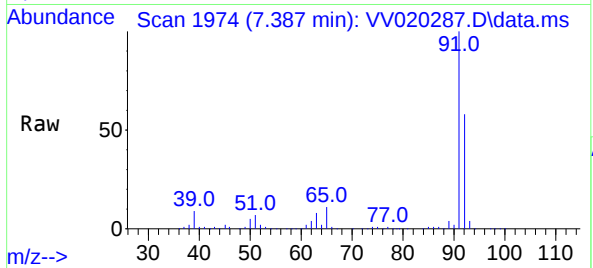




#42
Toluene
Concen: 52.28 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

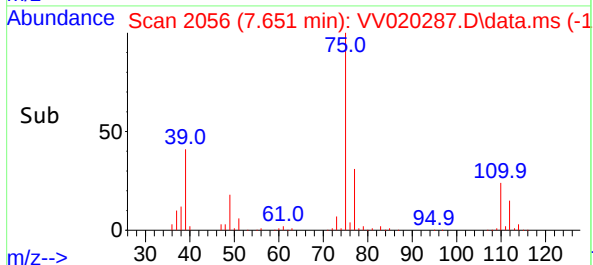
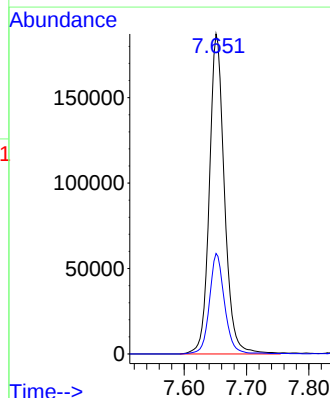
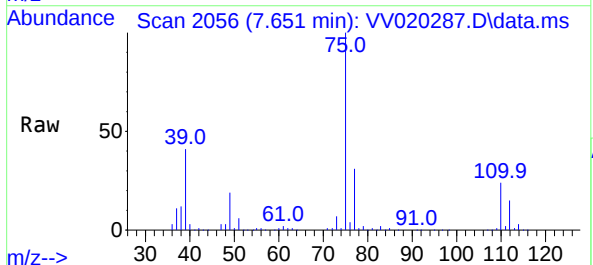
Instrument :
MSVOA_V
ClientSampled :

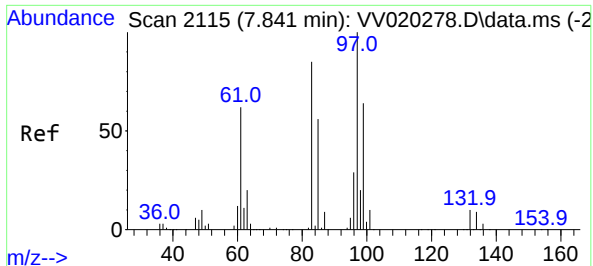
Tgt Ion: 91 Resp: 882658
Ion Ratio Lower Upper
91 100
92 57.6 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 52.70 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 75 Resp: 315531
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0



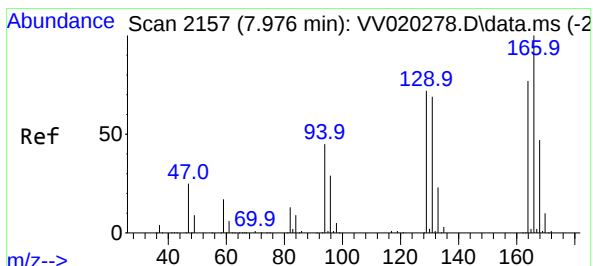
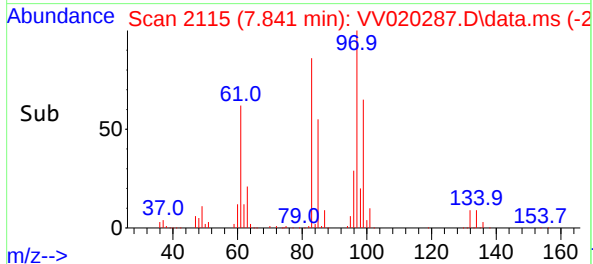
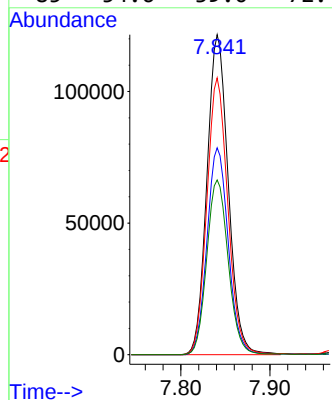
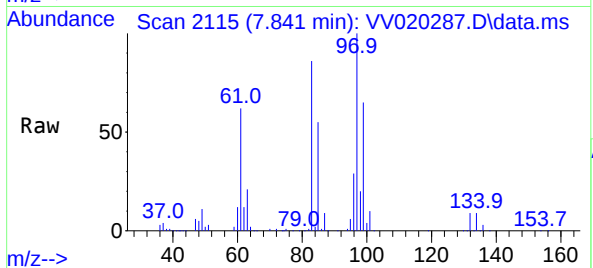


#45
1,1,2-Trichloroethane
Concen: 50.60 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 202471

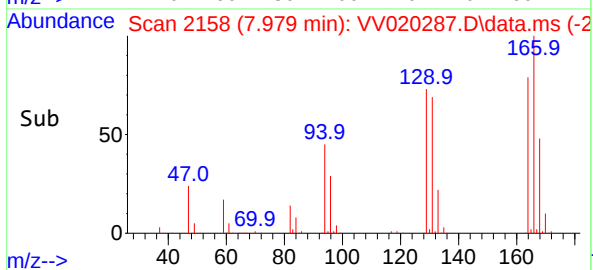
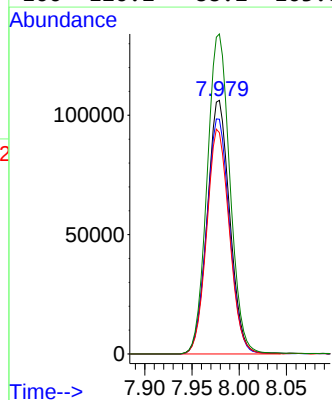
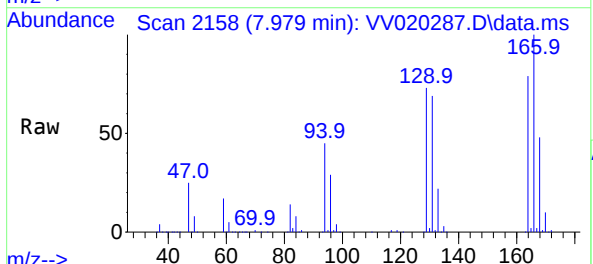
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.8	81.3
83	86.5	62.2	115.4
85	54.6	39.0	72.4

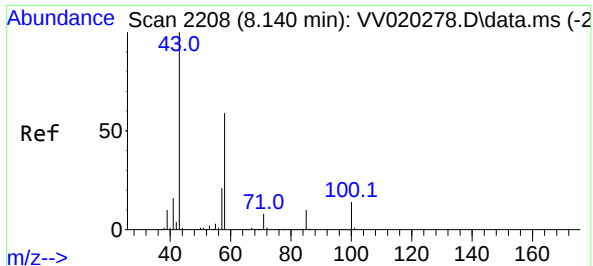


#46
Tetrachloroethene
Concen: 51.39 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 164 Resp: 177122

Ion	Ratio	Lower	Upper
164	100		
129	92.6	70.6	131.0
131	87.3	66.8	124.0
166	126.2	88.2	163.8

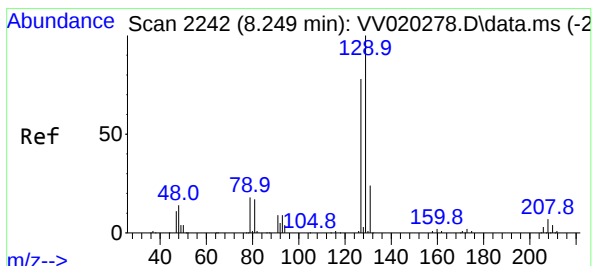
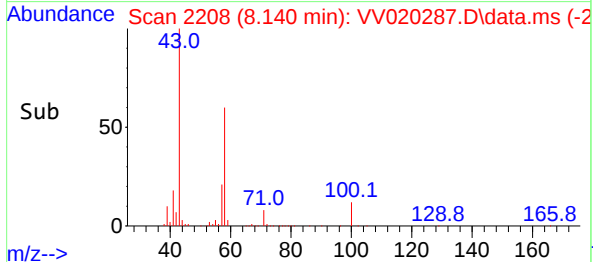
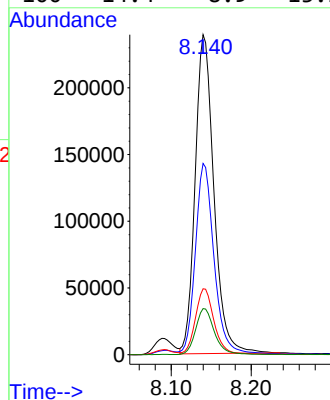
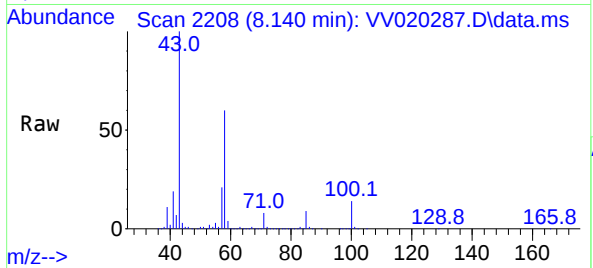




#48
2-Hexanone
Concen: 104.32 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

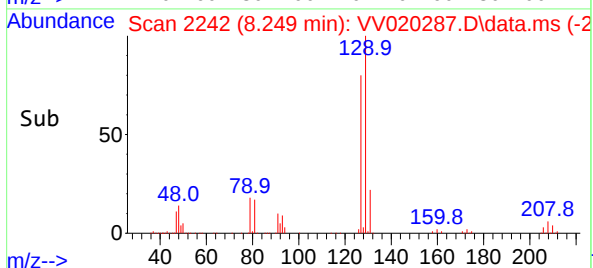
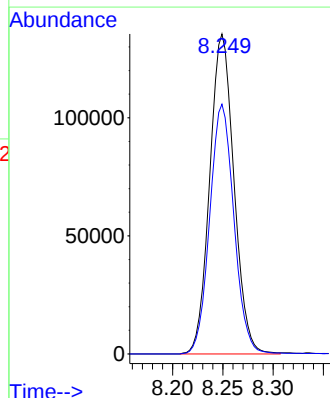
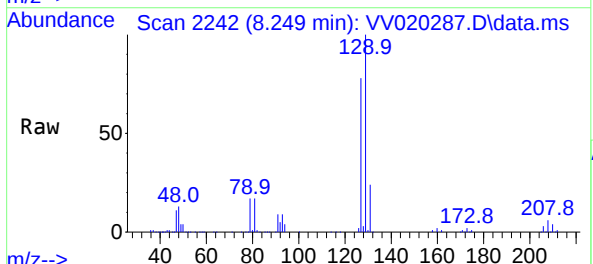
Instrument :
MSVOA_V
ClientSampleId :

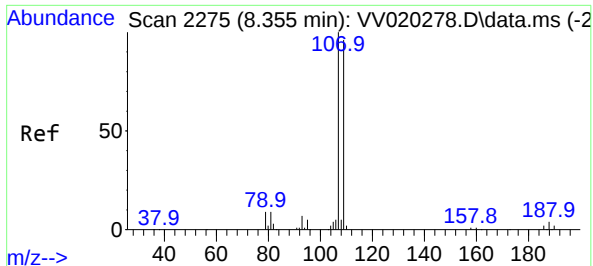
Tgt Ion: 43 Resp: 391265
Ion Ratio Lower Upper
43 100
58 59.2 41.8 62.6
57 20.6 15.0 22.4
100 14.4 8.9 13.3#



#49
Dibromochloromethane
Concen: 51.46 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 129 Resp: 227197
Ion Ratio Lower Upper
129 100
127 78.0 55.2 102.6

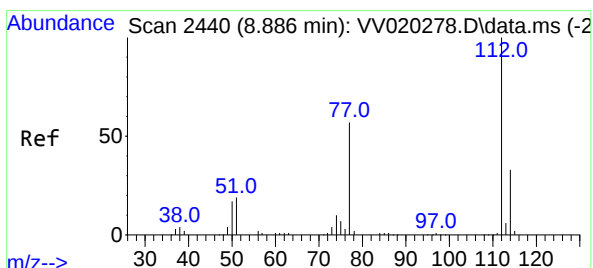
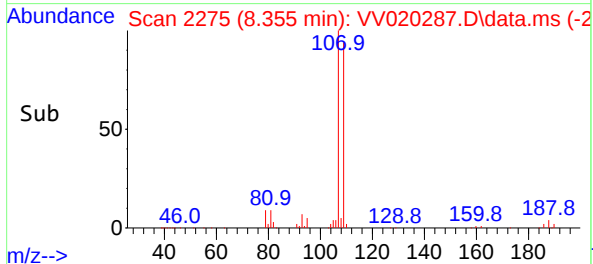
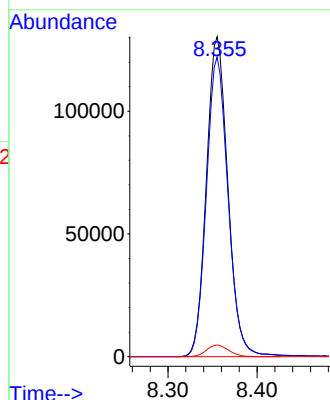
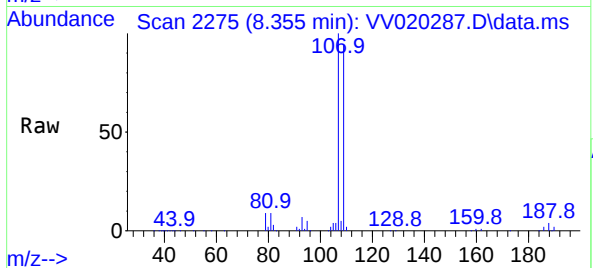




#50
1,2-Dibromoethane
Concen: 50.92 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

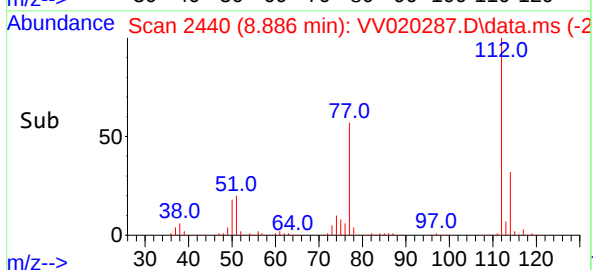
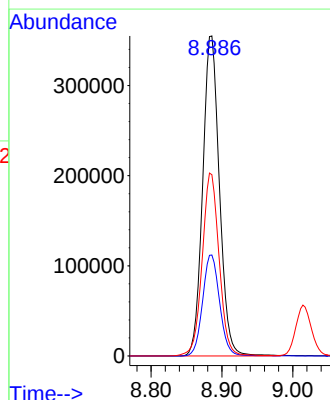
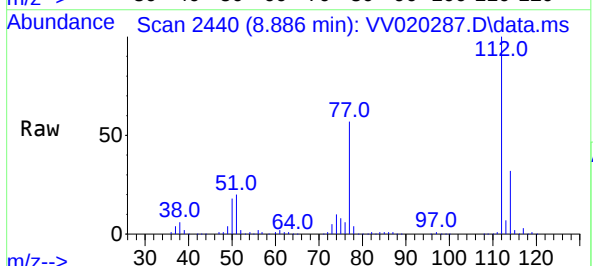
Instrument :
MSVOA_V
ClientSampleId :

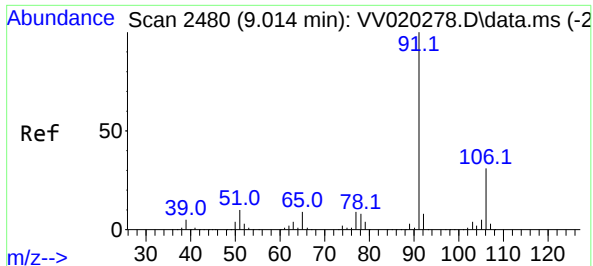
Tgt Ion:107 Resp: 218261
Ion Ratio Lower Upper
107 100
109 93.6 66.2 123.0
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 51.41 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

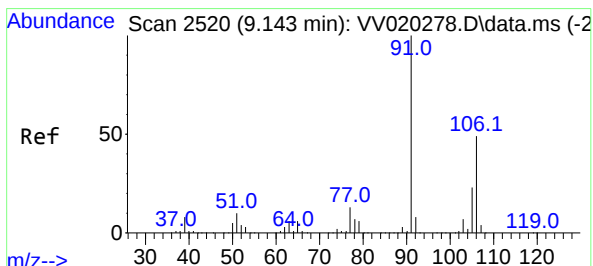
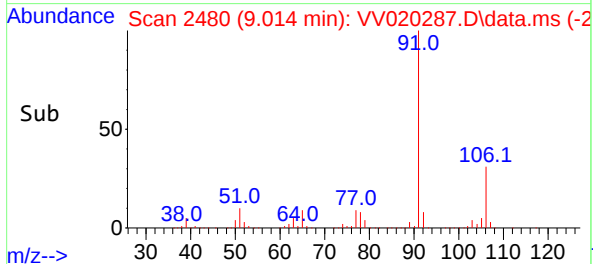
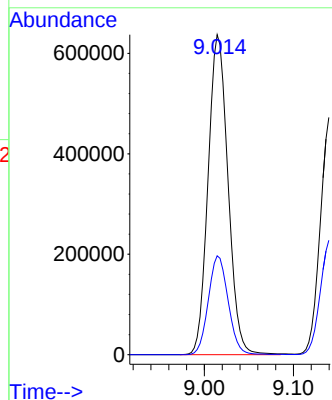
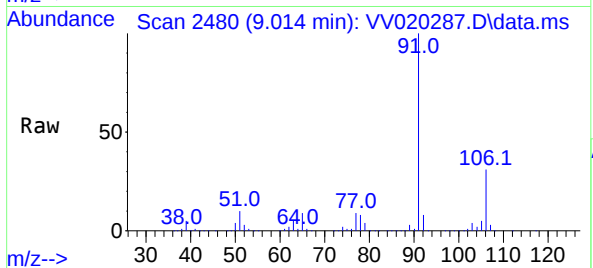
Tgt Ion:112 Resp: 582289
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 56.6 49.0 73.6





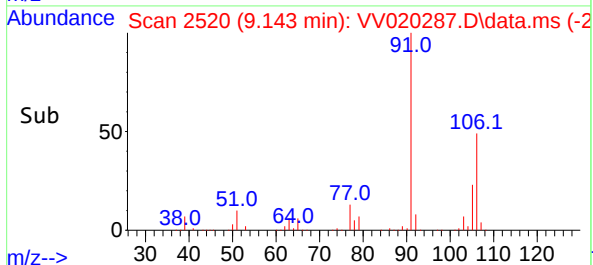
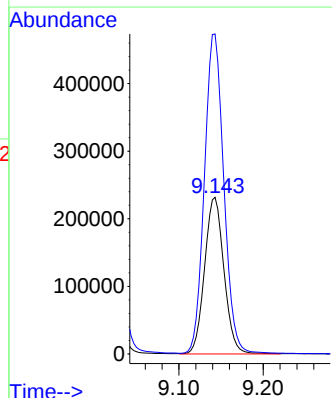
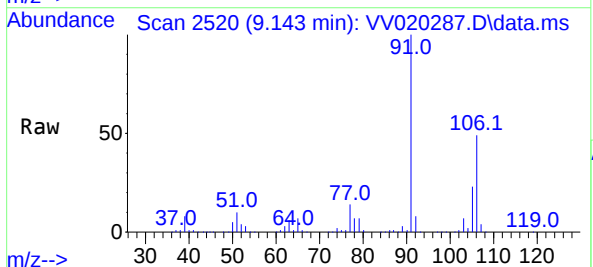
#52
Ethylbenzene
Concen: 52.98 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

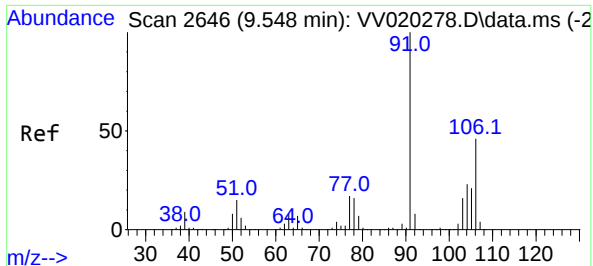
Tgt Ion: 91 Resp: 987998
Ion Ratio Lower Upper
91 100
106 30.9 21.0 39.0



#53
m,p-Xylene
Concen: 52.28 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 106 Resp: 371183
Ion Ratio Lower Upper
106 100
91 204.3 148.1 275.0

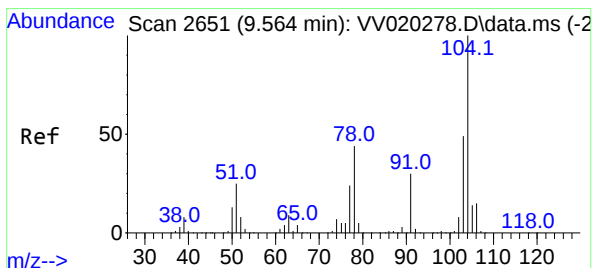
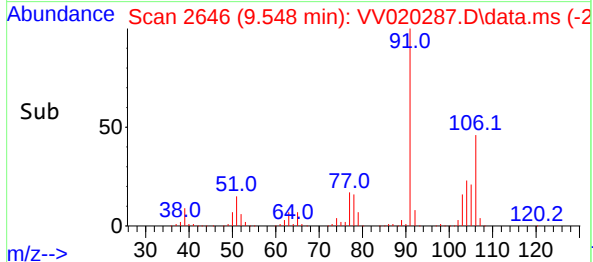
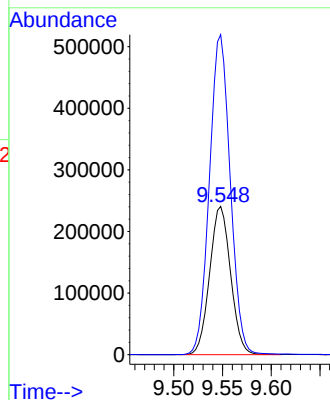
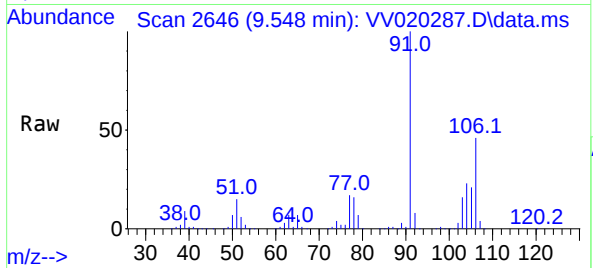




#54
o-xylene
Concen: 52.15 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

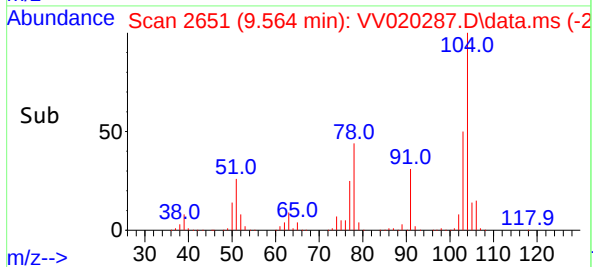
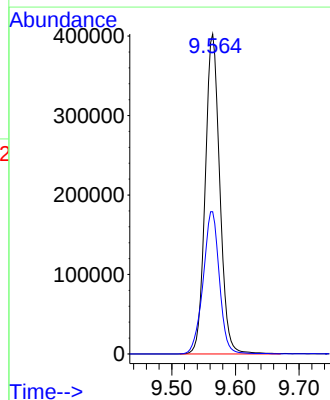
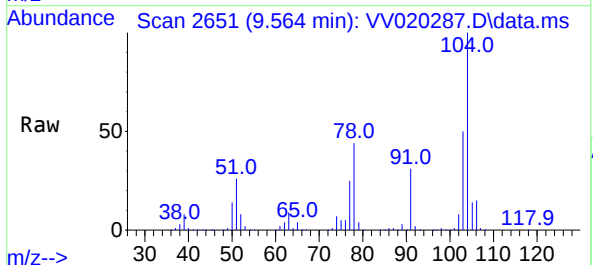
Instrument :
MSVOA_V
ClientSampled :

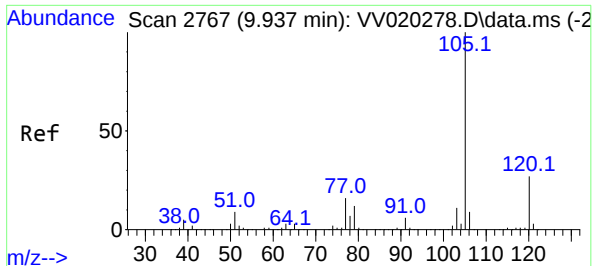
Tgt Ion:106 Resp: 360496
Ion Ratio Lower Upper
106 100
91 215.8 156.4 290.6



#55
Styrene
Concen: 53.84 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion:104 Resp: 640401
Ion Ratio Lower Upper
104 100
78 44.5 33.7 62.5

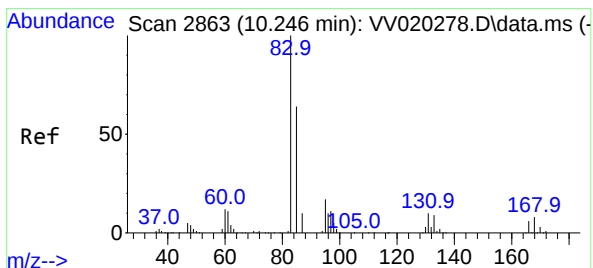
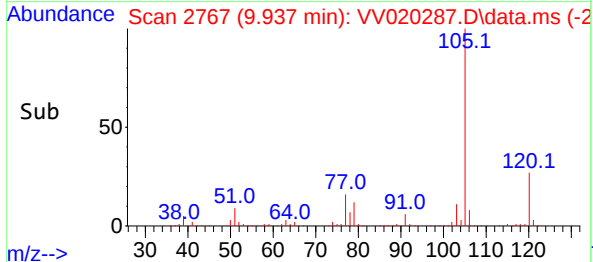
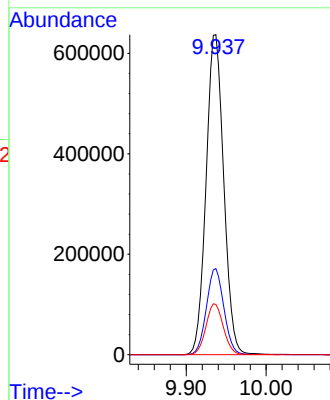
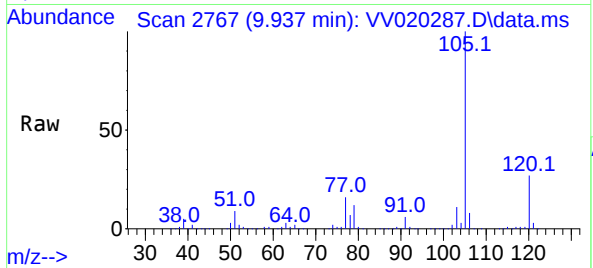




#56
Isopropylbenzene
Concen: 52.81 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

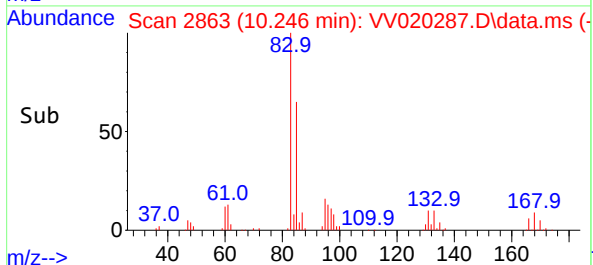
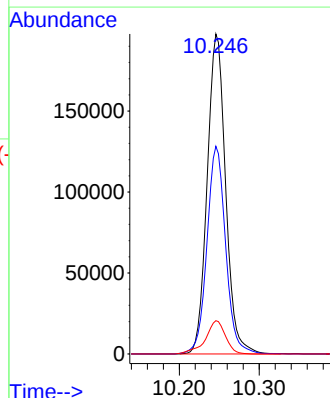
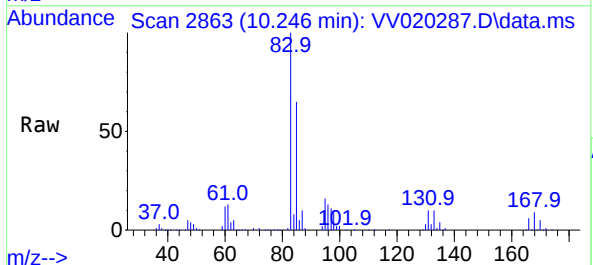
Instrument :
MSVOA_V
ClientSampleId :

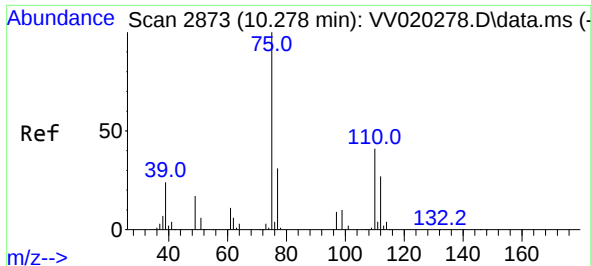
Tgt Ion:105 Resp: 979562
Ion Ratio Lower Upper
105 100
120 26.7 20.5 30.7
77 15.7 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 50.38 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion: 83 Resp: 317617
Ion Ratio Lower Upper
83 100
85 64.9 44.3 82.3
131 10.4 7.3 10.9

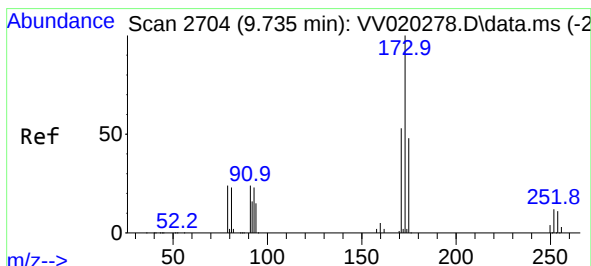
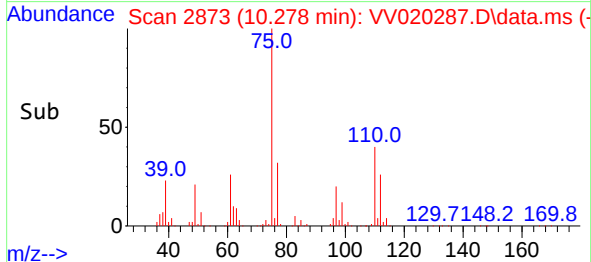
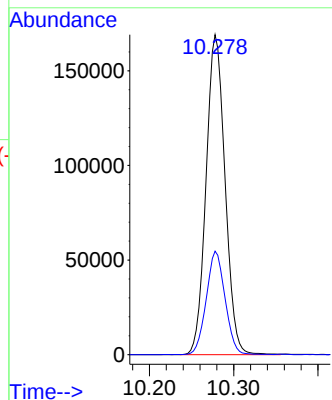
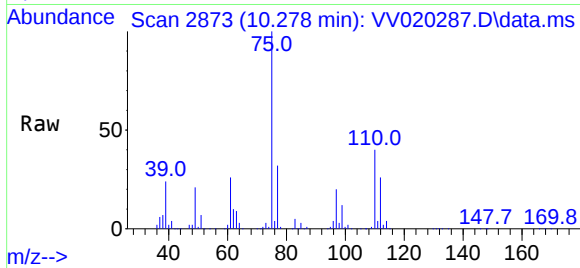




#59
1,2,3-Trichloropropane
Concen: 50.91 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

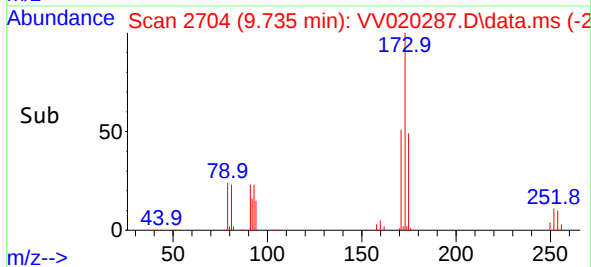
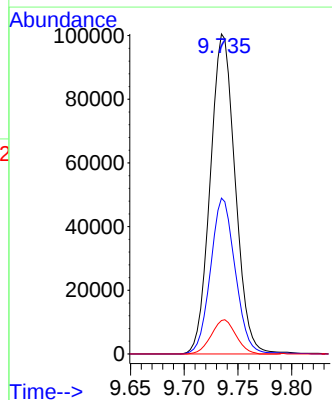
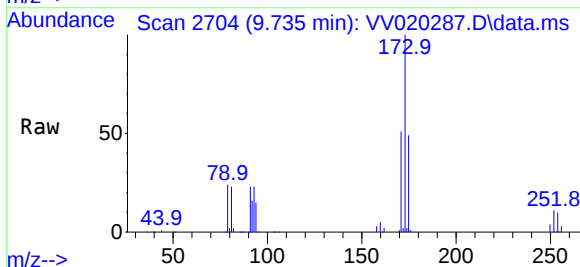
Instrument :
MSVOA_V
ClientSampleId :

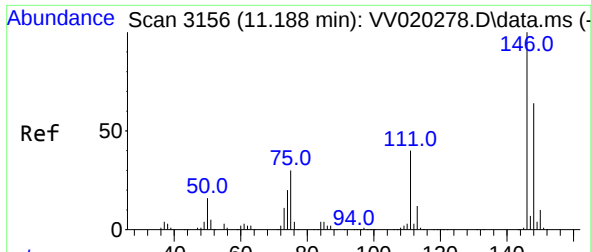
Tgt Ion: 75 Resp: 265372
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0



#61
Bromoform
Concen: 49.91 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion:173 Resp: 161925
Ion Ratio Lower Upper
173 100
175 48.3 38.6 57.8
254 10.6 6.5 9.7#





#62

1,3-Dichlorobenzene

Concen: 51.48 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. -0.000 min

Lab File: VV020287.D

Acq: 10 Feb 2021 09:53

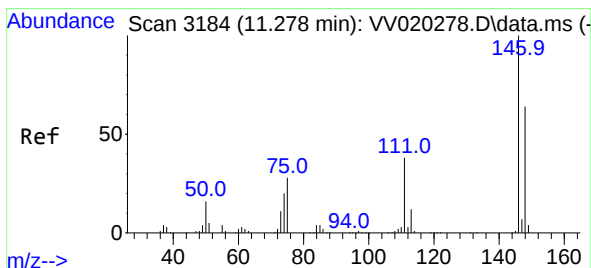
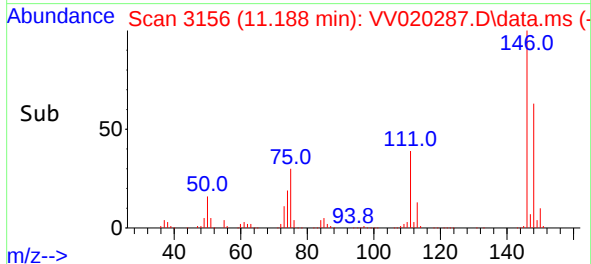
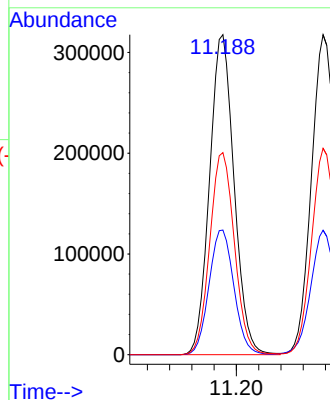
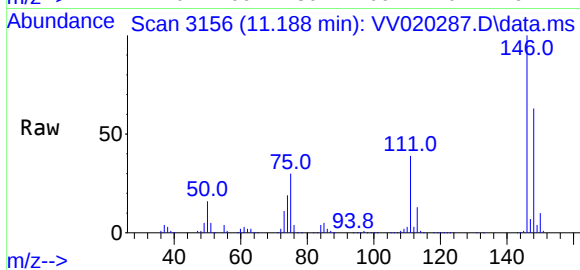
Tgt Ion:146 Resp: 485585

Ion Ratio Lower Upper

146 100

111 38.9 30.2 56.2

148 63.2 45.0 83.6



#63

1,4-Dichlorobenzene

Concen: 51.04 ug/L

RT: 11.278 min Scan# 3184

Delta R.T. -0.000 min

Lab File: VV020287.D

Acq: 10 Feb 2021 09:53

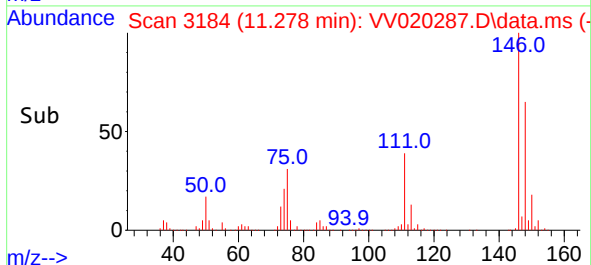
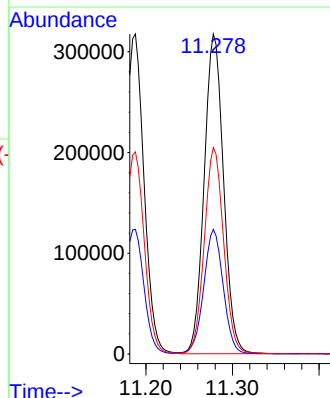
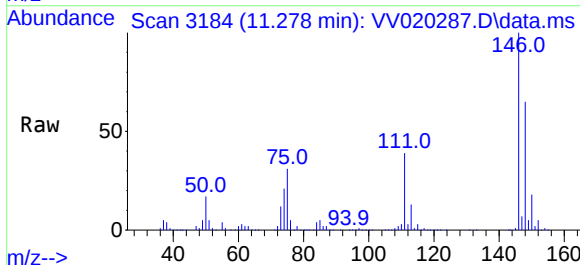
Tgt Ion:146 Resp: 493698

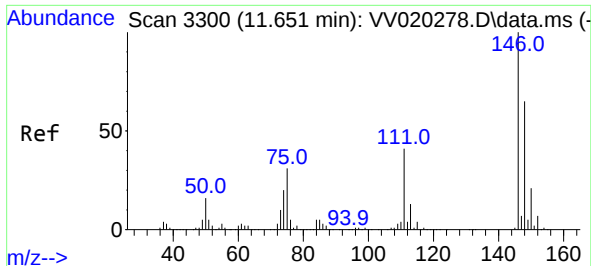
Ion Ratio Lower Upper

146 100

111 38.9 29.4 54.6

148 64.5 44.7 83.1

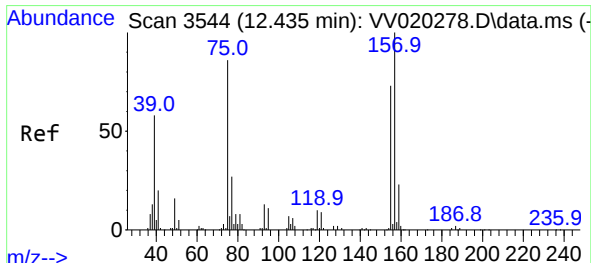
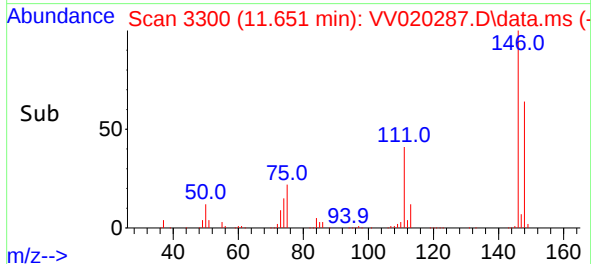
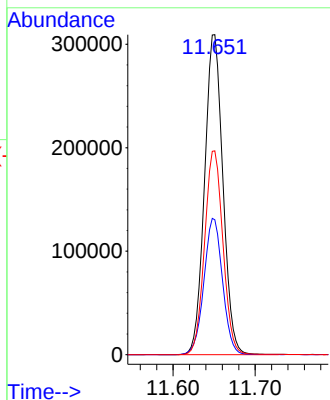
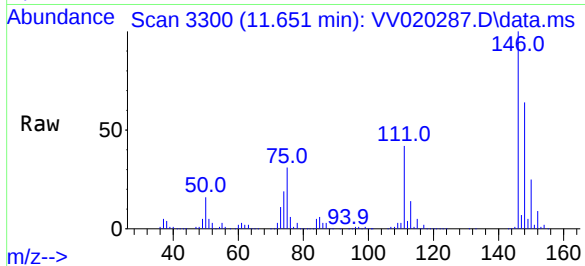




#65
1,2-Dichlorobenzene
Concen: 51.01 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

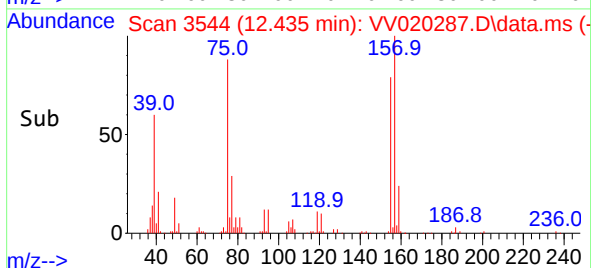
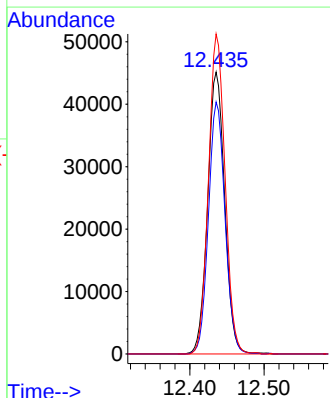
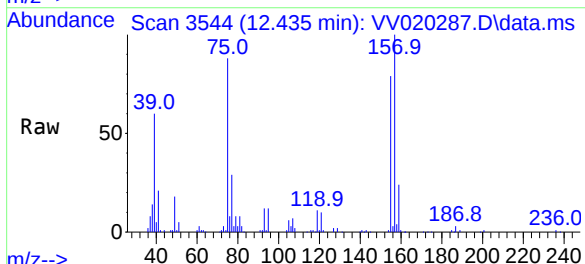
Instrument :
MSVOA_V
ClientSampleId :

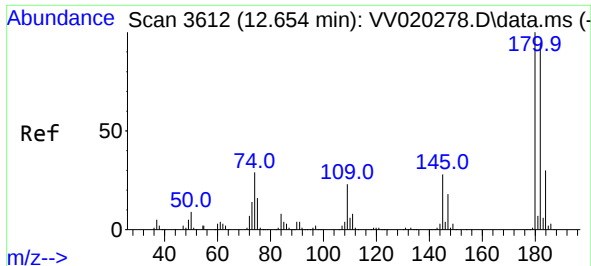
Tgt Ion:146 Resp: 480421
Ion Ratio Lower Upper
146 100
111 42.1 36.3 54.5
148 63.7 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 49.77 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

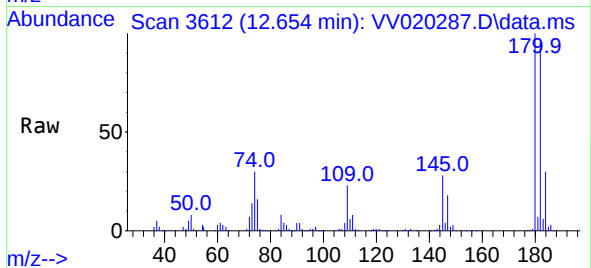
Tgt Ion: 75 Resp: 71908
Ion Ratio Lower Upper
75 100
155 89.4 59.1 88.7#
157 113.5 75.4 113.0#



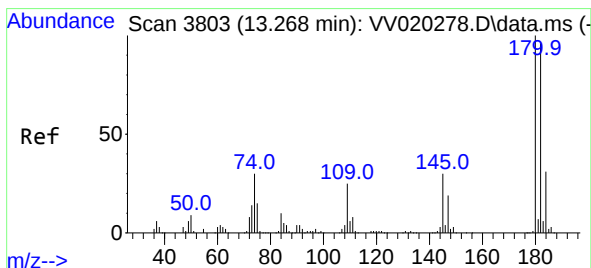
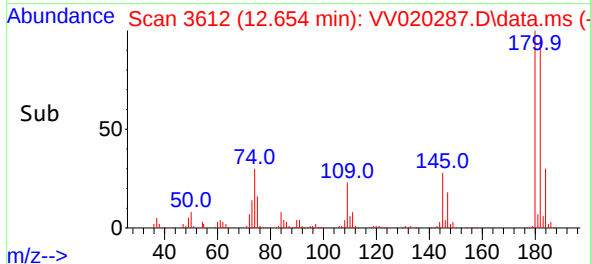
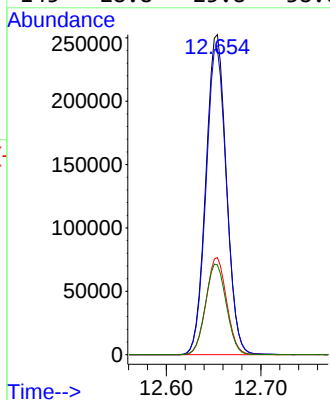


#67
1,3,5-Trichlorobenzene
Concen: 51.77 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

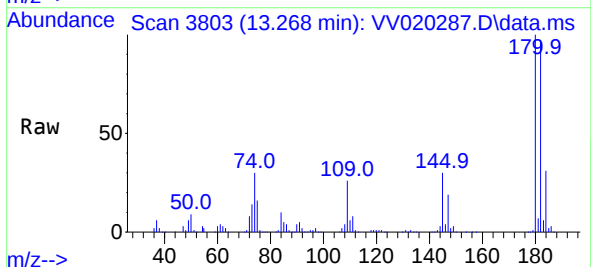
Instrument :
MSVOA_V
ClientSampleId :



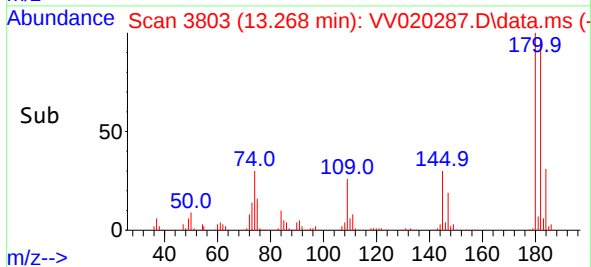
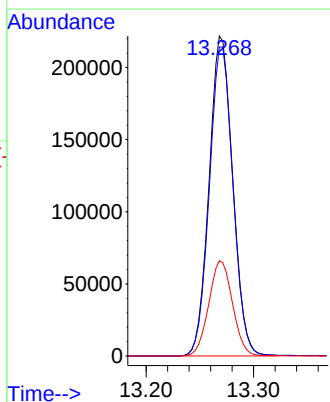
Tgt Ion:180 Resp: 381321
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.6
184 30.3 24.0 36.0
145 28.8 25.8 38.6

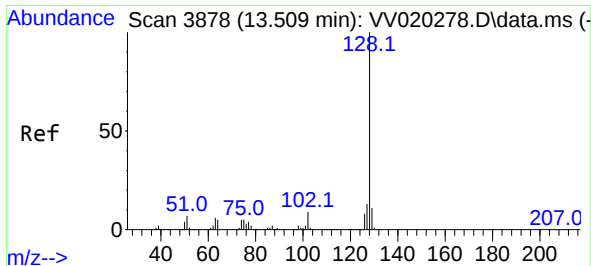


#68
1,2,4-trichlorobenzene
Concen: 51.77 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53



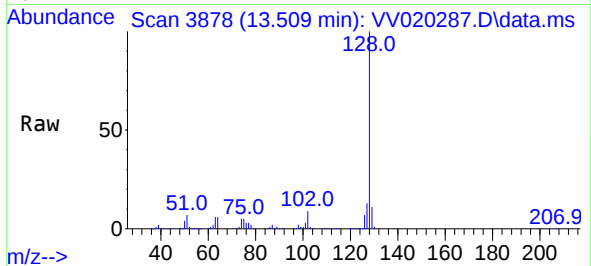
Tgt Ion:180 Resp: 338355
Ion Ratio Lower Upper
180 100
182 96.5 75.1 112.7
145 29.9 26.8 40.2





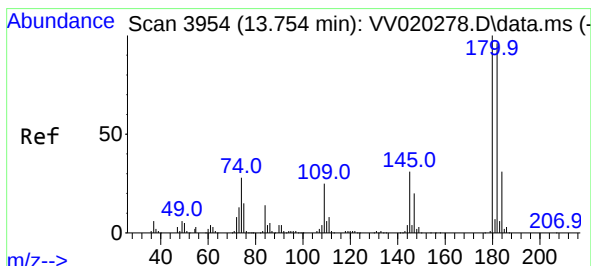
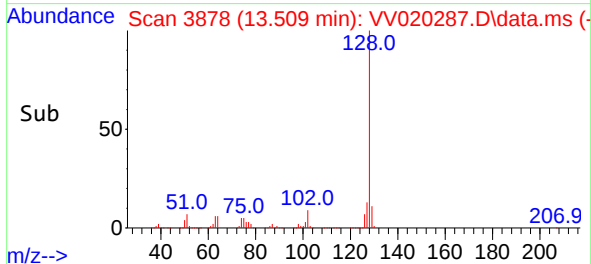
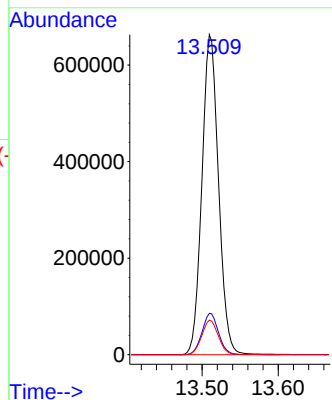
#69
Naphthalene
Concen: 53.67 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1004468

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	13.0



#70
1,2,3-Trichlorobenzene
Concen: 52.74 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020287.D
Acq: 10 Feb 2021 09:53

Tgt Ion:180 Resp: 343195

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.1	114.1
145	31.4	27.9	41.9

