

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040221\
 Data File : VW020906.D
 Acq On : 03 Apr 2021 03:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Apr 03 03:33:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 03 02:06:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	632389	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	609656	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	353408	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	160290	35.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.40%		
7) Chloroethane-d5	1.571	69	134390	39.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.18%		
11) 1,1-Dichloroethene-d2	2.111	63	354824	41.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.78%		
21) 2-Butanone-d5	3.902	46	274545	93.99	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.99%		
24) Chloroform-d	4.352	84	460729	51.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.26%		
26) 1,2-Dichloroethane-d4	5.037	65	304705	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.66%		
32) Benzene-d6	5.053	84	809111	49.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.58%		
36) 1,2-Dichloropropane-d6	6.072	67	233293	46.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.52%		
41) Toluene-d8	7.320	98	798498	52.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.58%		
43) trans-1,3-Dichloroprop...	7.625	79	137090	51.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.28%		
47) 2-Hexanone-d5	8.091	63	215025	102.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.80%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	359345	49.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.90%		
64) 1,2-Dichlorobenzene-d4	11.631	152	369365	53.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.70%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	274139	46.27	ug/L	99
3) Chloromethane	1.243	50	183836	38.87	ug/L	99
5) Vinyl chloride	1.314	62	209904	43.44	ug/L	98
6) Bromomethane	1.526	94	156093	51.24	ug/L	98
8) Chloroethane	1.587	64	128348	45.98	ug/L	98
9) Trichlorofluoromethane	1.754	101	442594	53.59	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	207662	52.31	ug/L	93
12) 1,1-Dichloroethene	2.117	96	191207	51.81	ug/L	89
13) Acetone	2.195	43	181786	87.27	ug/L	66
14) Carbon disulfide	2.294	76	535008	43.84	ug/L	99
16) Methylene chloride	2.510	84	221784	49.28	ug/L	90
17) trans-1,2-Dichloroethene	2.764	96	208550	49.28	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	709553	54.08	ug/L	97
19) 1,1-Dichloroethane	3.191	63	385459	49.03	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	231808	51.20	ug/L	95
22) 2-Butanone	3.982	43	282063	92.52	ug/L	96
23) Bromochloromethane	4.252	128	136148	55.86	ug/L #	81
25) Chloroform	4.378	83	449532	53.76	ug/L	100
27) 1,2-Dichloroethane	5.133	62	356208	53.32	ug/L	99
29) Cyclohexane	4.680	56	304553	44.17	ug/L	91

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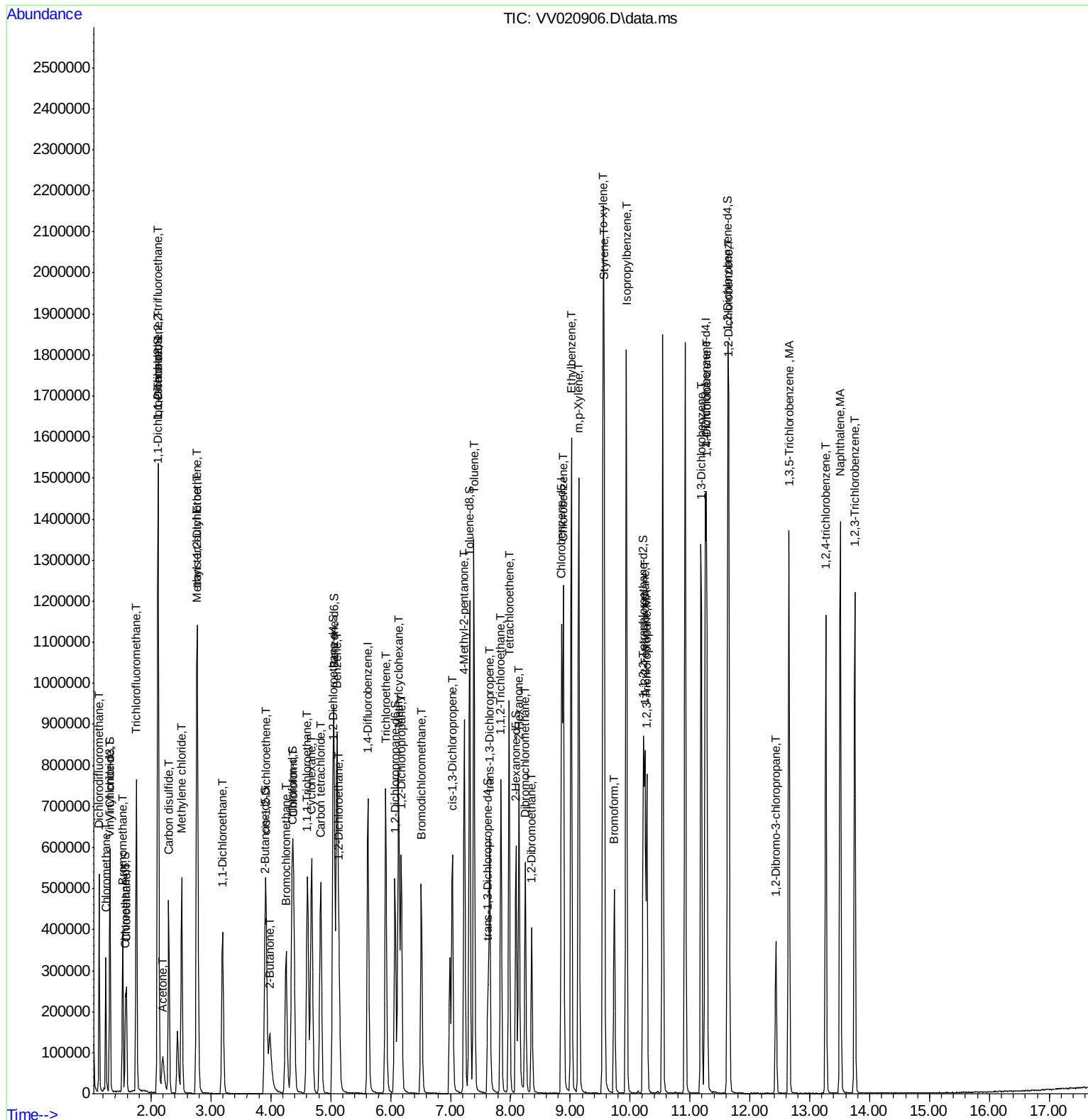
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.609	97	441233	58.52	ug/L	97
31) Carbon tetrachloride	4.831	117	397657	59.05	ug/L	100
33) Benzene	5.104	78	863792	51.37	ug/L	100
34) Trichloroethene	5.918	95	243359	52.79	ug/L	93
35) Methylcyclohexane	6.133	83	343614	48.58	ug/L	93
37) 1,2-Dichloropropane	6.175	63	211367	47.93	ug/L	97
38) Bromodichloromethane	6.513	83	334837	54.07	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	337391	49.56	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	548559	92.77	ug/L #	93
42) Toluene	7.390	91	978732	53.55	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	353939	51.63	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	229941	53.00	ug/L	95
46) Tetrachloroethene	7.979	164	216229	56.20	ug/L	97
48) 2-Hexanone	8.143	43	446779	98.97	ug/L #	96
49) Dibromochloromethane	8.249	129	294105	58.20	ug/L	100
50) 1,2-Dibromoethane	8.355	107	260028	55.97	ug/L	98
51) Chlorobenzene	8.886	112	654305	53.33	ug/L	97
52) Ethylbenzene	9.017	91	1109835	53.21	ug/L	99
53) m,p-Xylene	9.143	106	419906	54.13	ug/L	99
54) o-xylene	9.548	106	418279	55.94	ug/L	94
55) Styrene	9.564	104	732788	55.77	ug/L	98
56) Isopropylbenzene	9.937	105	1152950	55.99	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	350406	49.52	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	304802	52.93	ug/L	98
61) Bromoform	9.734	173	227502	56.70	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	558785	51.81	ug/L	100
63) 1,4-Dichlorobenzene	11.278	146	561450	50.06	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	573445	53.95	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	90472	50.35	ug/L	88
67) 1,3,5-Trichlorobenzene	12.651	180	432445	51.73	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	358822	50.62	ug/L	98
69) Naphthalene	13.509	128	1087576	53.61	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	382529	53.89	ug/L	99

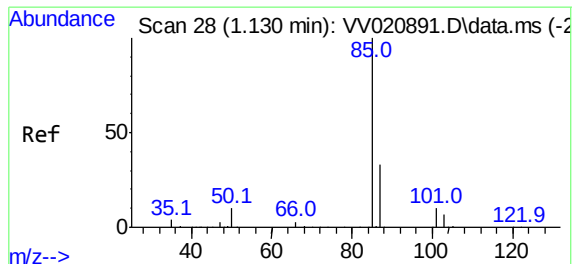
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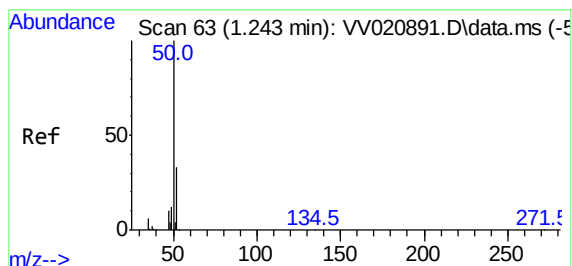
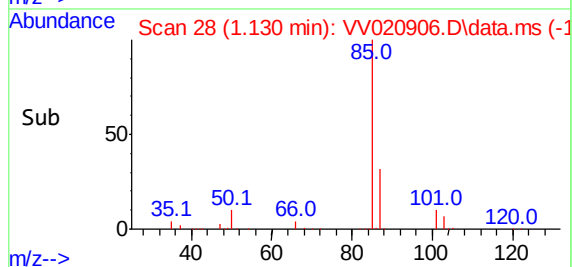
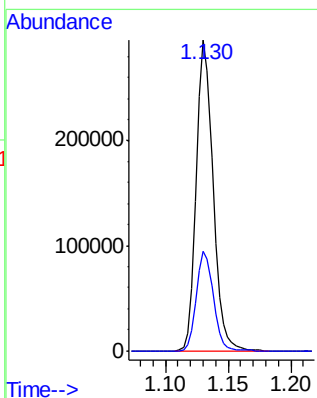
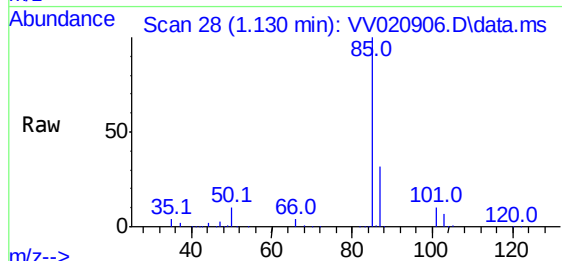


#2
 Dichlorodifluoromethane
 Concen: 46.27 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020906.D
 Acq: 03 Apr 2021 03:01

Instrument :
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 ClientSampleId :
 VSTD05072

Tgt Ion: 85 Resp: 274139

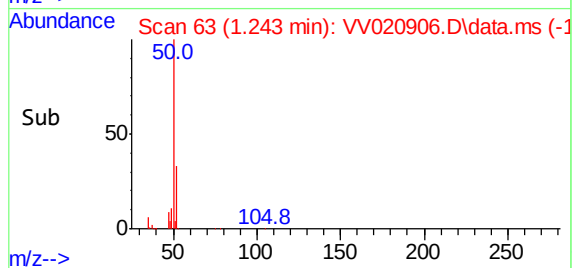
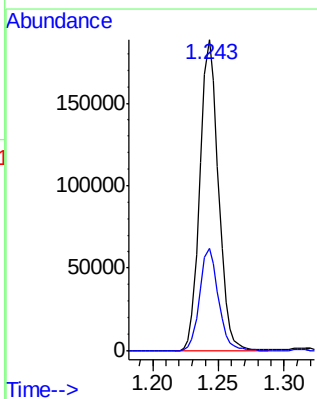
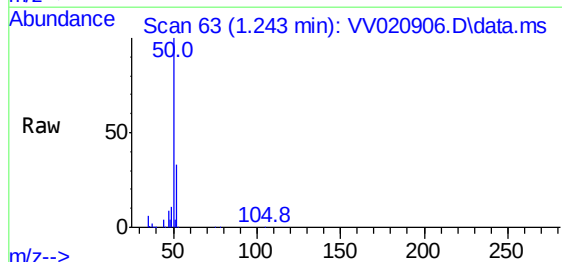
Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.3	39.5

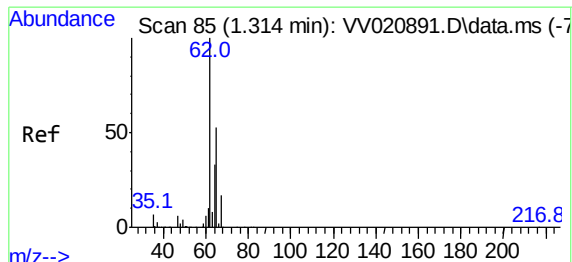


#3
 Chloromethane
 Concen: 38.87 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020906.D
 Acq: 03 Apr 2021 03:01

Tgt Ion: 50 Resp: 183836

Ion	Ratio	Lower	Upper
50	100		
52	33.0	22.7	42.1

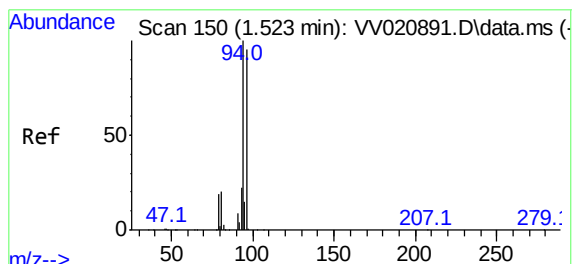
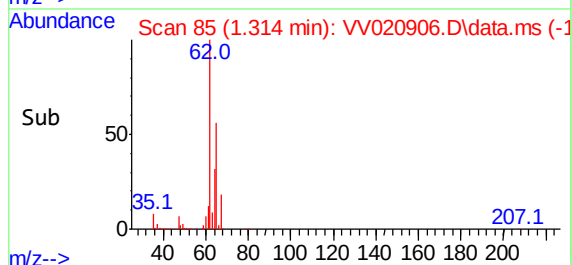
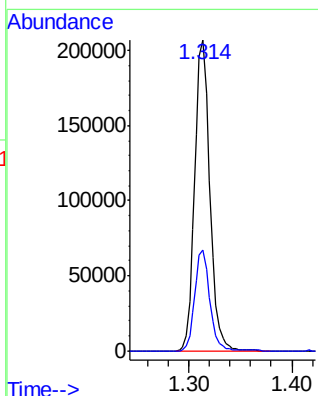
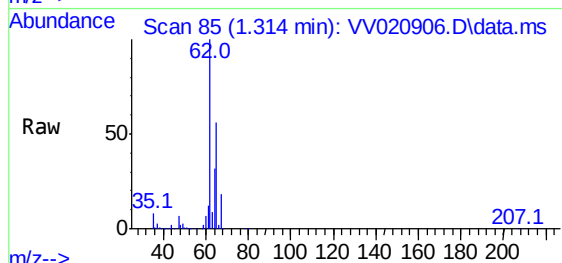




#5
 Vinyl chloride
 Concen: 43.44 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020906.D
 Acq: 03 Apr 2021 03:01

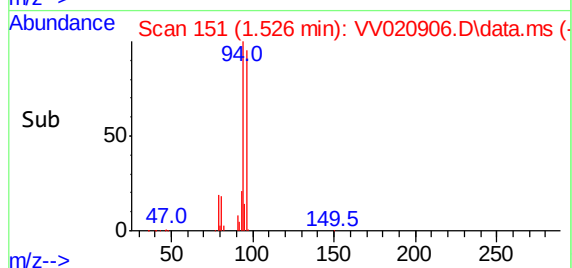
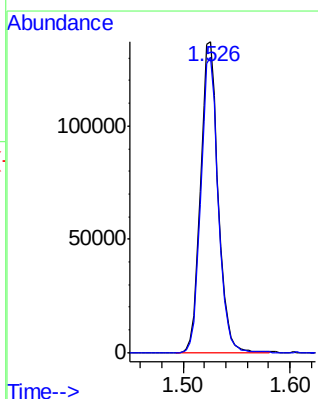
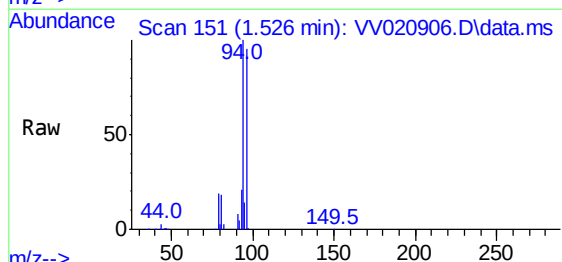
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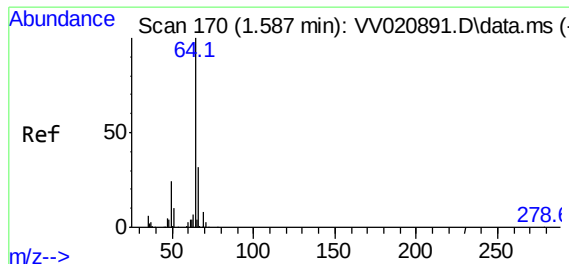
Tgt Ion: 62 Resp: 209904
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.3 43.3



#6
 Bromomethane
 Concen: 51.24 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020906.D
 Acq: 03 Apr 2021 03:01

Tgt Ion: 94 Resp: 156093
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.6 121.8

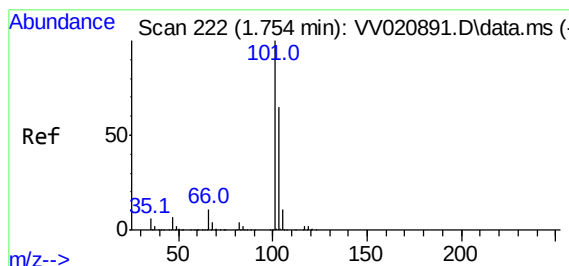
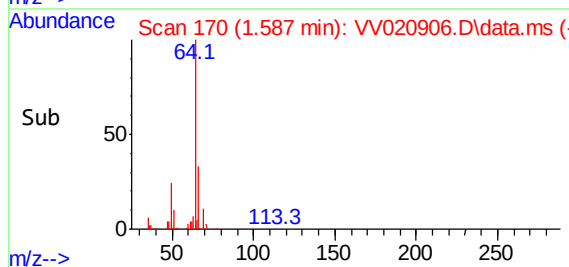
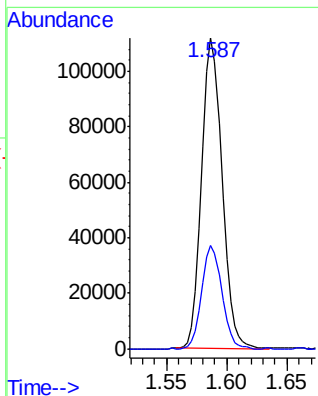
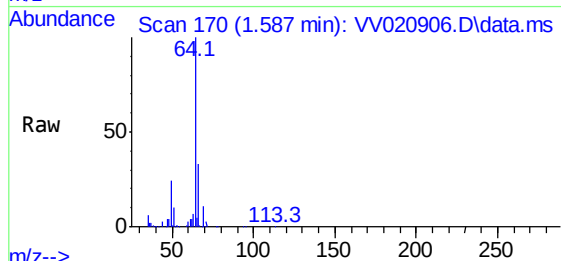




#8
Chloroethane
Concen: 45.98 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

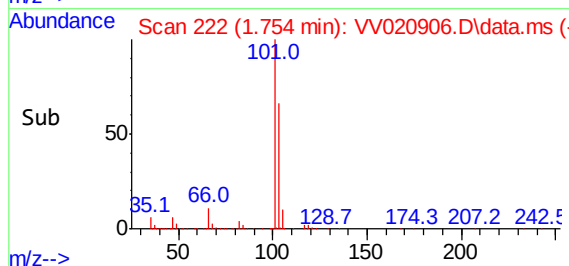
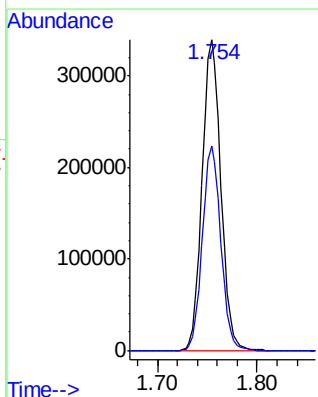
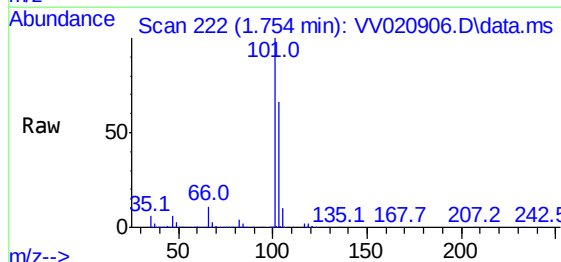
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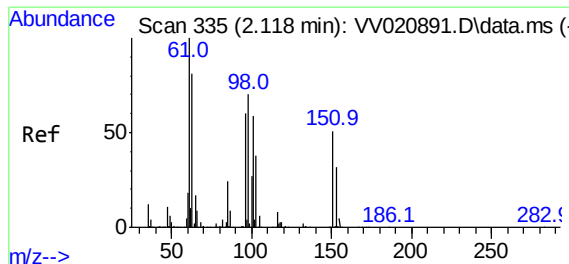
Tgt Ion: 64 Resp: 128348
Ion Ratio Lower Upper
64 100
66 33.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 53.59 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 101 Resp: 442594
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8



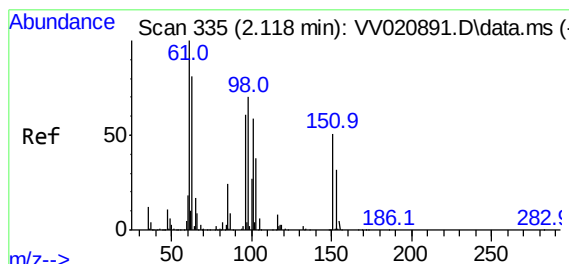
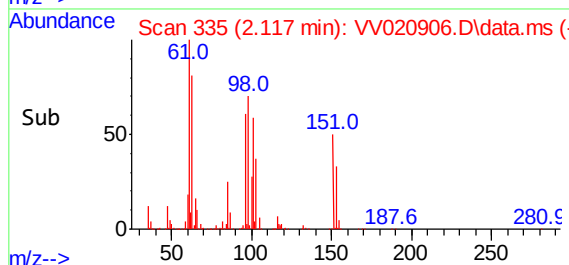
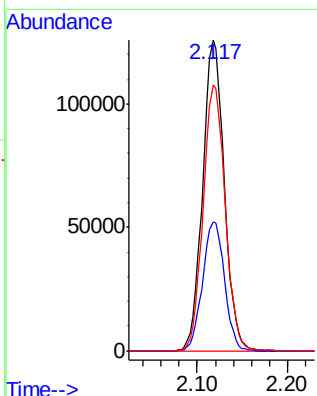
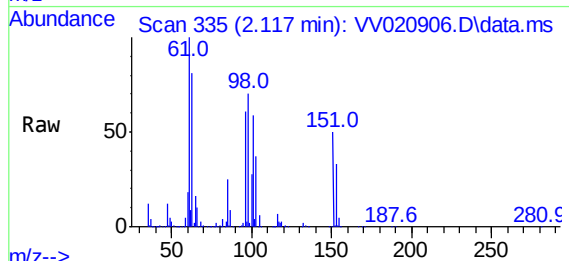


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.31 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020906.D
 Acq: 03 Apr 2021 03:01

Instrument :
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 ClientSampleId :
 VSTD05072

Tgt Ion:101 Resp: 207662

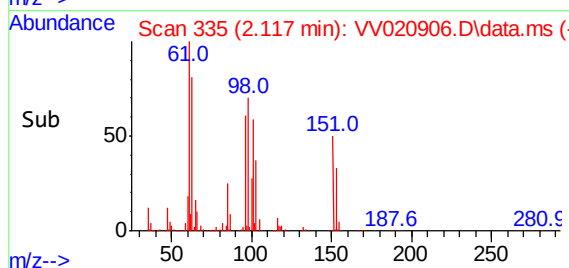
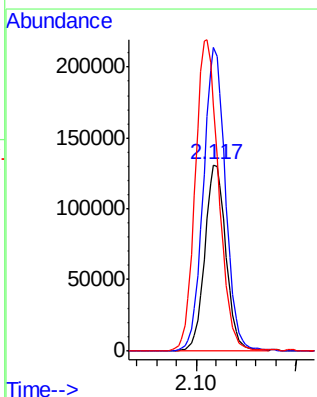
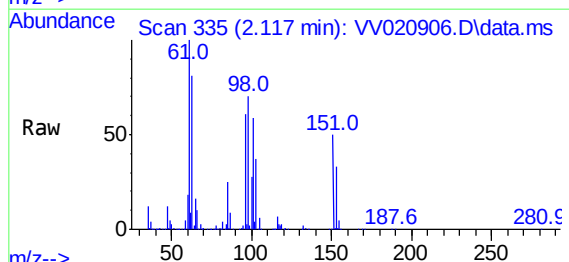
Ion	Ratio	Lower	Upper
101	100		
85	42.2	35.4	53.0
151	87.4	63.5	95.3

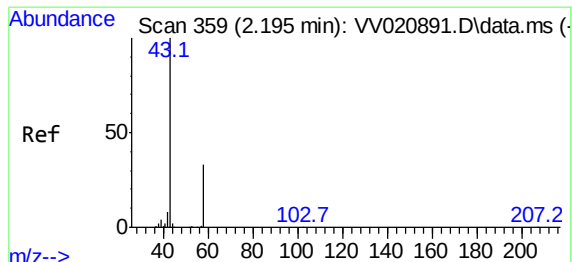


#12
 1,1-Dichloroethene
 Concen: 51.81 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020906.D
 Acq: 03 Apr 2021 03:01

Tgt Ion: 96 Resp: 191207

Ion	Ratio	Lower	Upper
96	100		
61	163.4	126.3	234.6
63	132.6	100.2	186.2

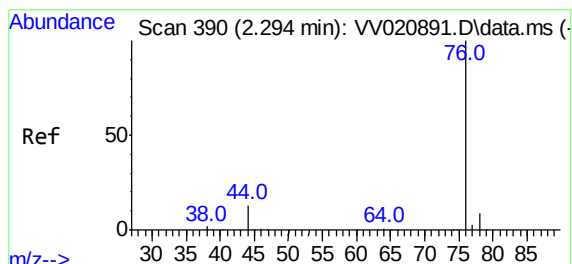
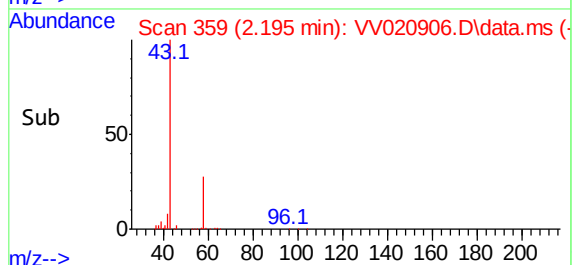
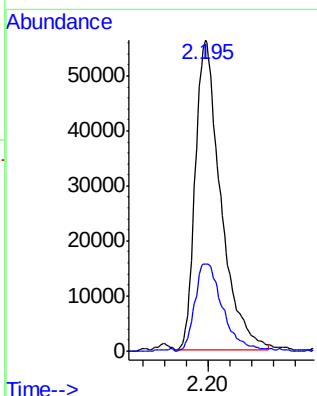
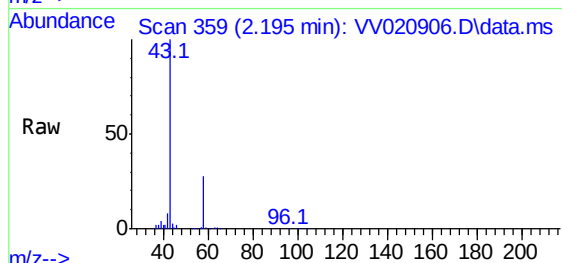




#13
Acetone
Concen: 87.27 ug/L
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

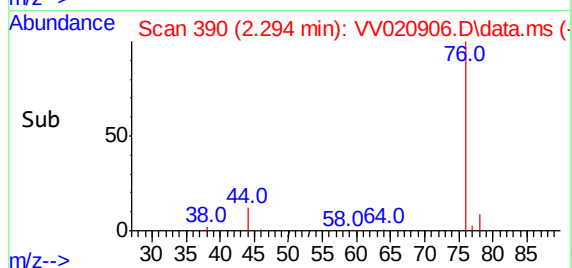
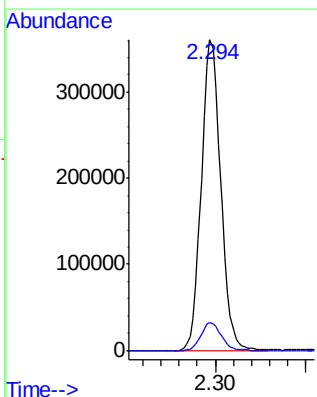
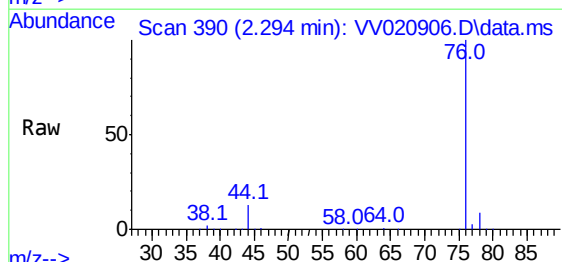
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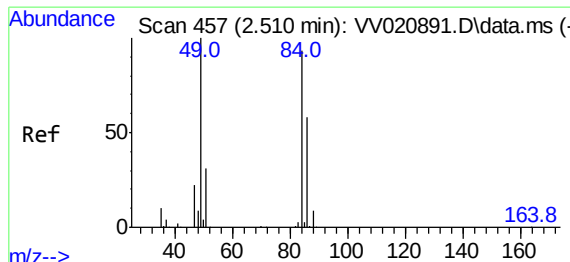
Tgt Ion: 43 Resp: 181786
Ion Ratio Lower Upper
43 100
58 11.9 0.0 60.8



#14
Carbon disulfide
Concen: 43.84 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 535008
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



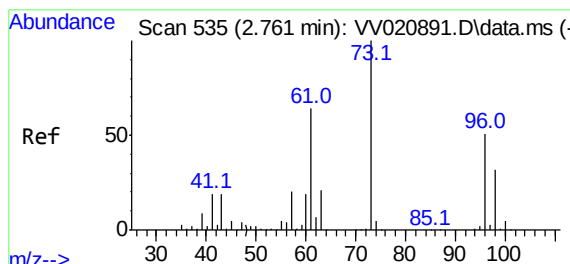
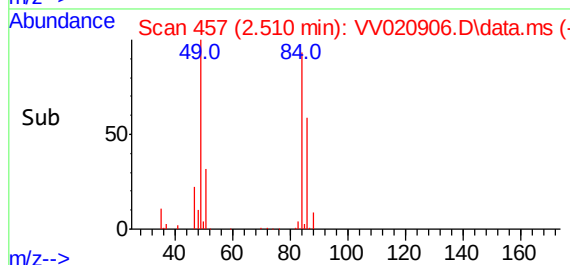
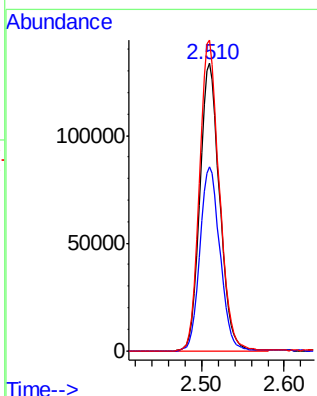
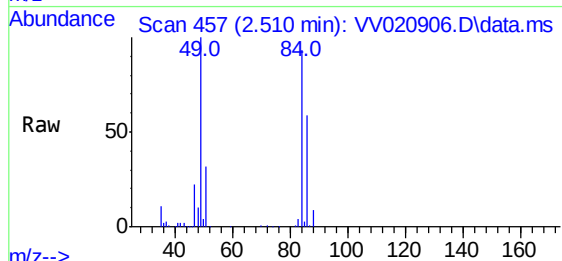


#16
Methylene chloride
Concen: 49.28 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

Tgt Ion: 84 Resp: 221784

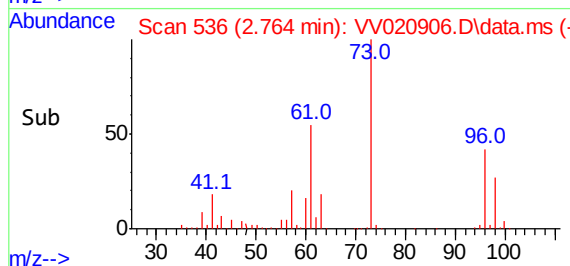
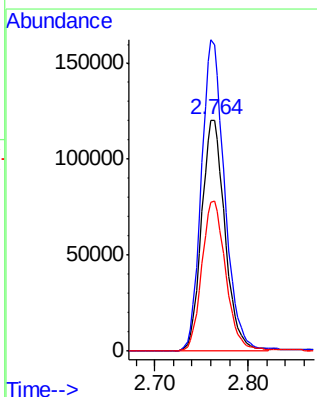
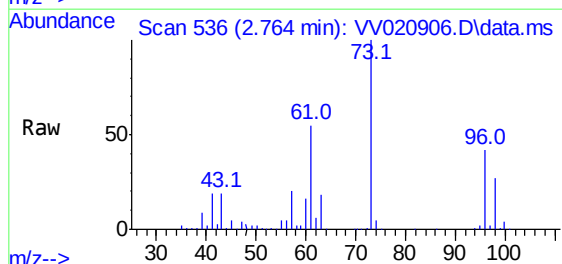
Ion	Ratio	Lower	Upper
84	100		
86	63.7	43.9	81.5
49	107.8	86.3	160.3

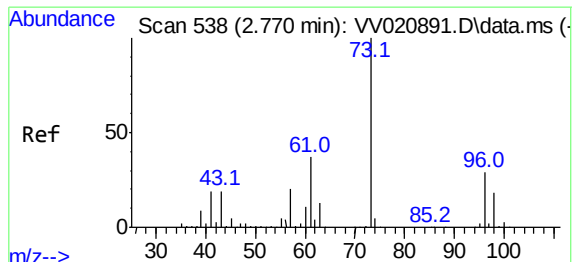


#17
trans-1,2-Dichloroethene
Concen: 49.28 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 96 Resp: 208550

Ion	Ratio	Lower	Upper
96	100		
61	132.6	97.9	181.9
98	64.9	43.9	81.5

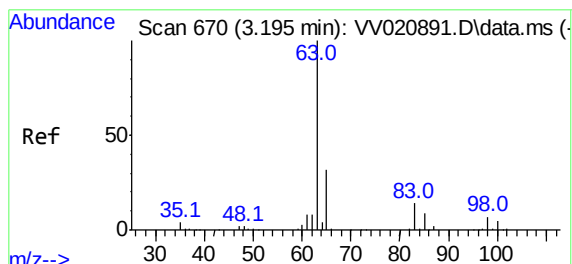
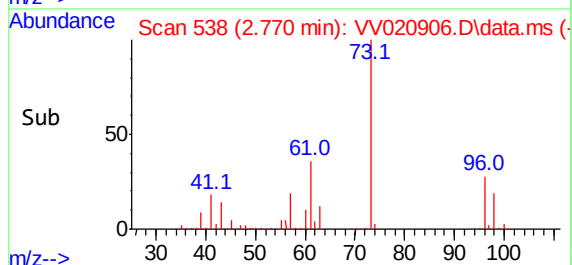
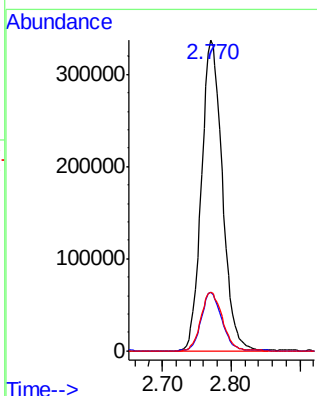
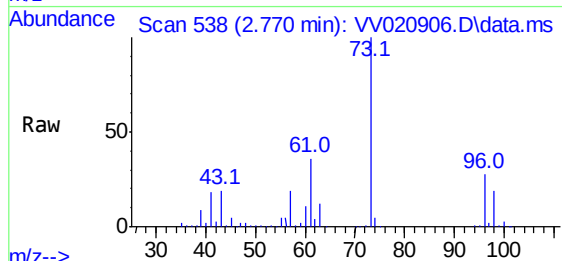




#18
Methyl tert-butyl Ether
Concen: 54.08 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

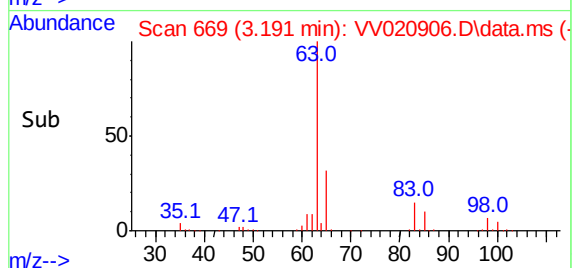
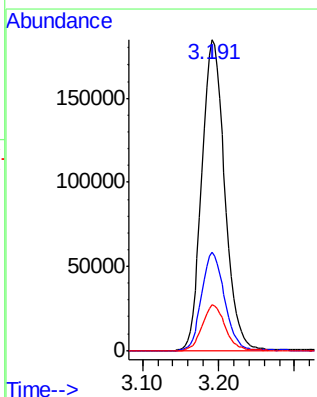
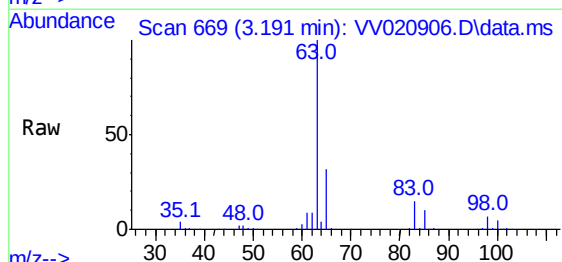
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

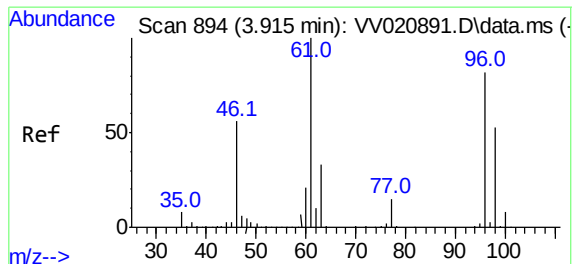
Tgt Ion: 73 Resp: 709553
Ion Ratio Lower Upper
73 100
43 18.4 15.4 23.0
57 19.3 17.0 25.6



#19
1,1-Dichloroethane
Concen: 49.03 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.003 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 63 Resp: 385459
Ion Ratio Lower Upper
63 100
65 31.6 22.5 41.9
83 14.6 9.7 17.9

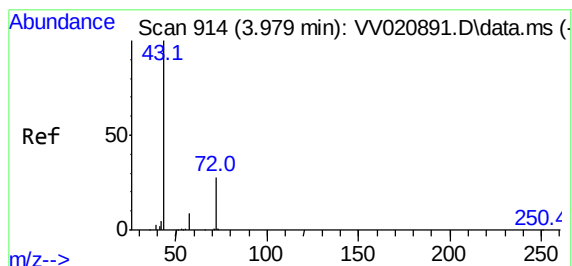
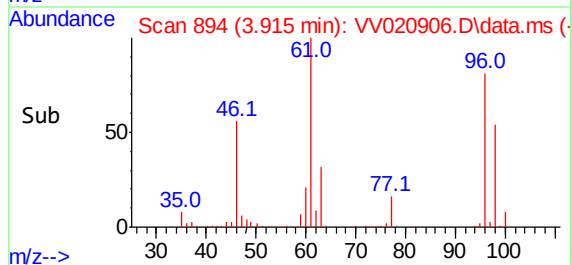
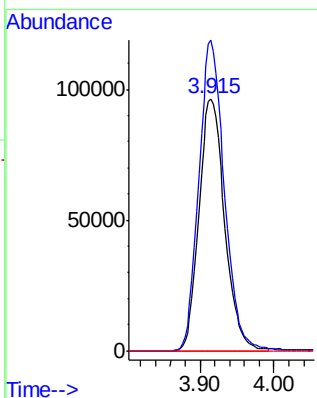
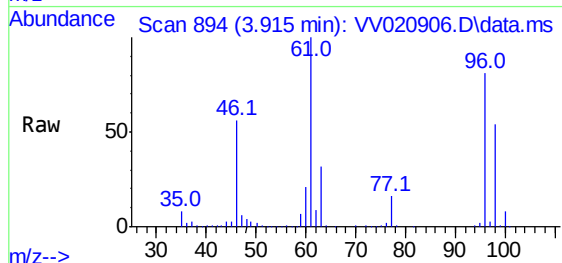




#20
cis-1,2-Dichloroethene
Concen: 51.20 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

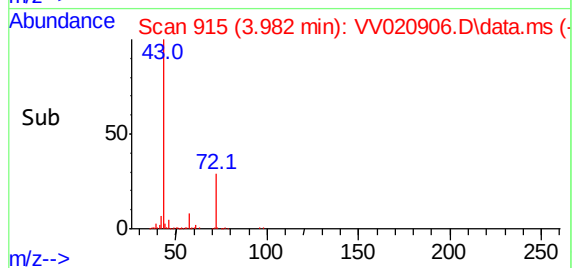
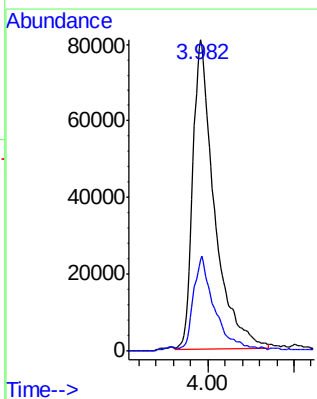
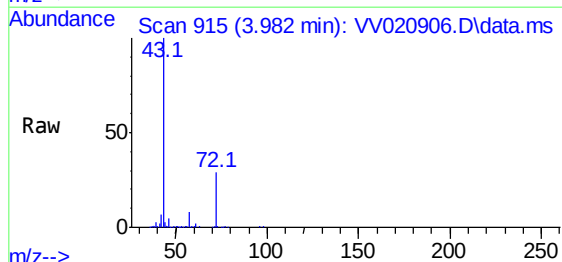
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

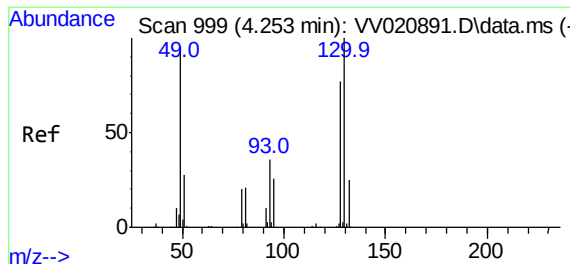
Tgt Ion: 96 Resp: 231808
Ion Ratio Lower Upper
96 100
61 123.1 89.9 167.0
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 92.52 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.003 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 43 Resp: 282063
Ion Ratio Lower Upper
43 100
72 25.9 11.9 35.9

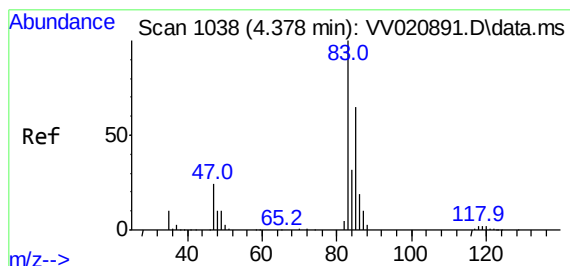
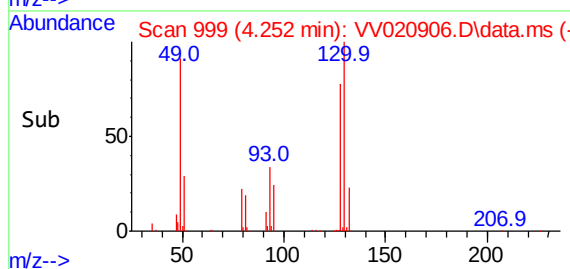
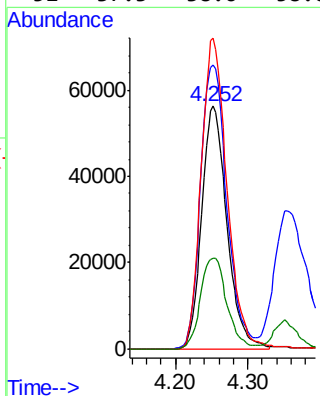
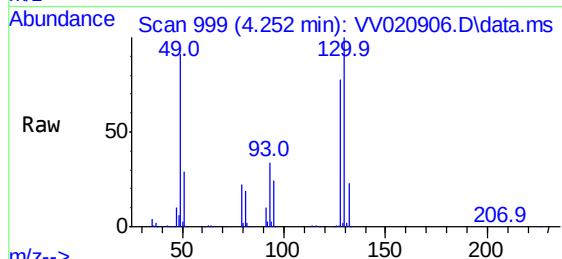




#23
Bromochloromethane
Concen: 55.86 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

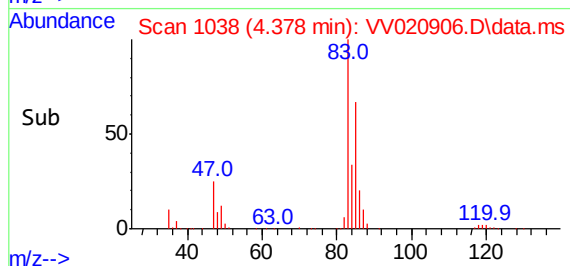
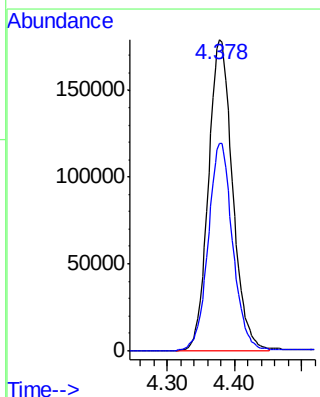
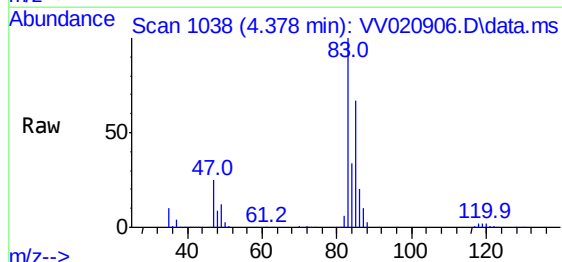
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

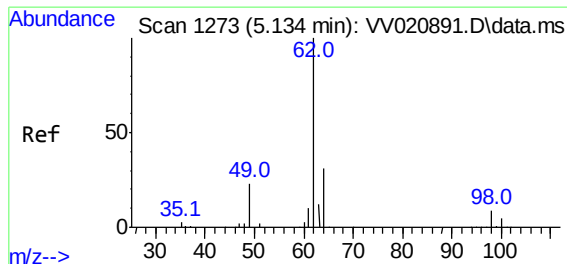
Tgt Ion:128 Resp: 136148
Ion Ratio Lower Upper
128 100
49 117.1 113.3 210.3
130 128.2 88.7 164.7
51 37.3 38.6 58.0#



#25
Chloroform
Concen: 53.76 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 83 Resp: 449532
Ion Ratio Lower Upper
83 100
85 66.5 46.7 86.7

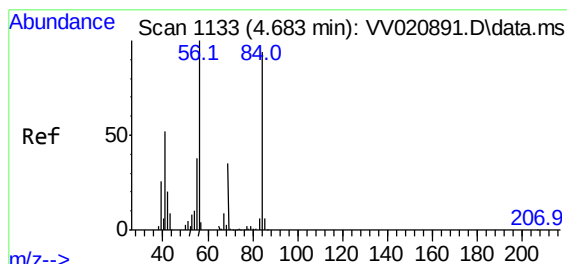
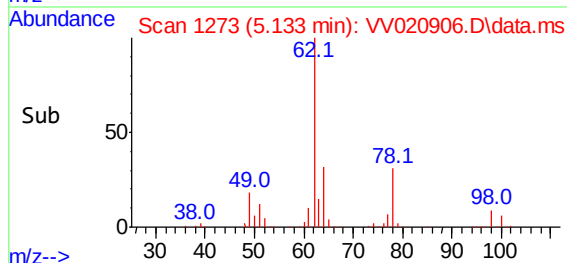
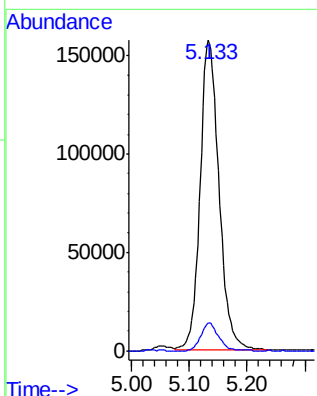
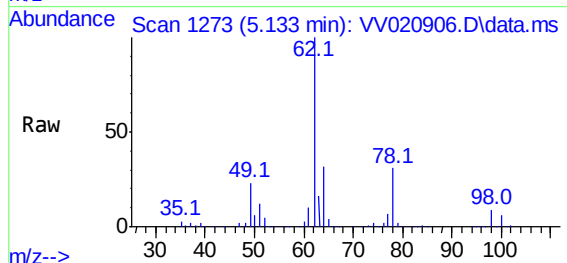




#27
1,2-Dichloroethane
Concen: 53.32 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

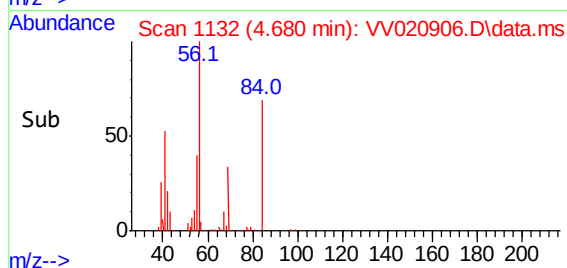
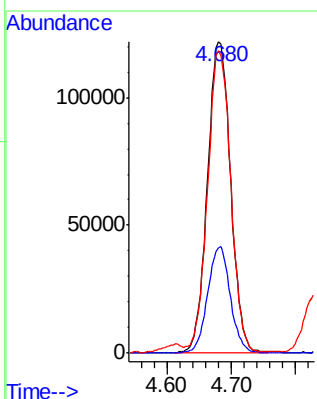
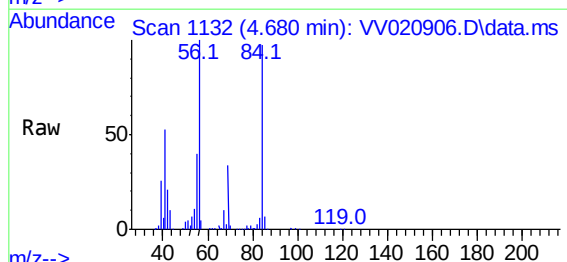
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

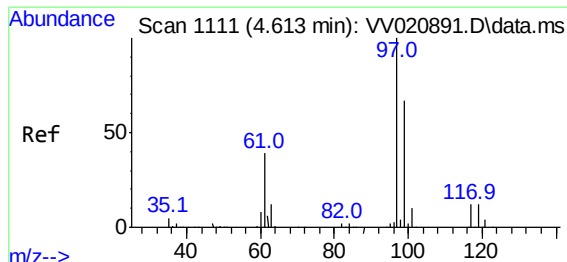
Tgt Ion: 62 Resp: 356208
Ion Ratio Lower Upper
62 100
98 8.9 6.8 10.2



#29
Cyclohexane
Concen: 44.17 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 56 Resp: 304553
Ion Ratio Lower Upper
56 100
69 33.0 24.4 36.6
84 97.0 69.9 104.9

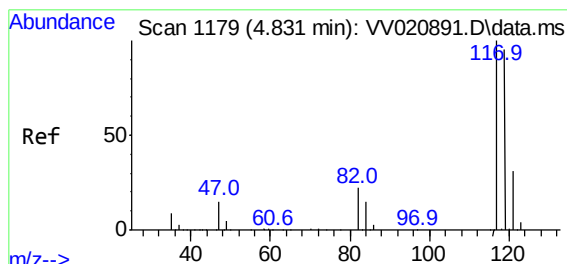
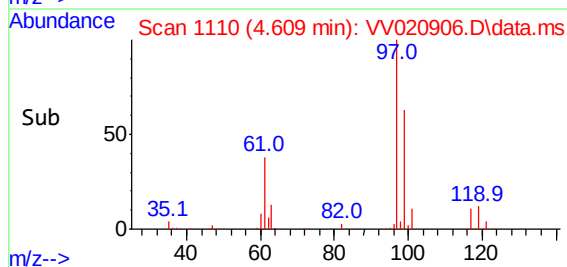
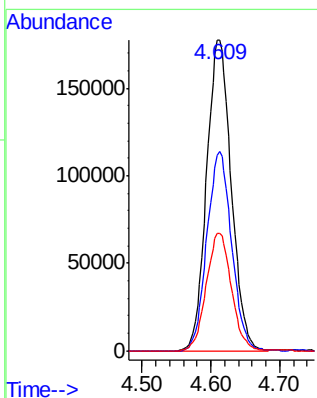
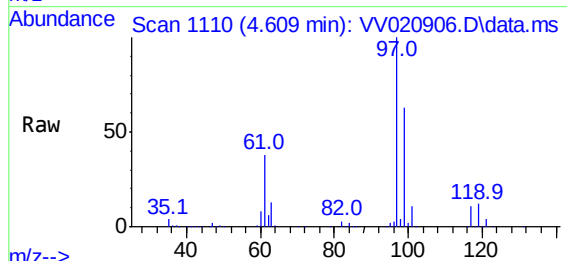




#30
1,1,1-Trichloroethane
Concen: 58.52 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

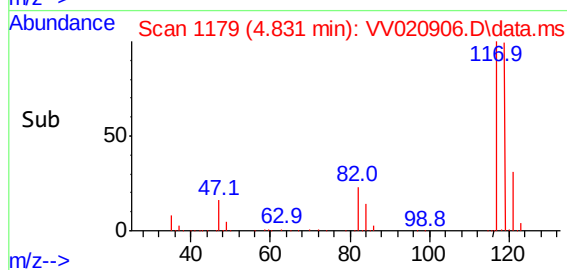
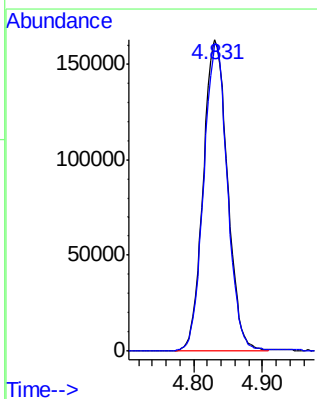
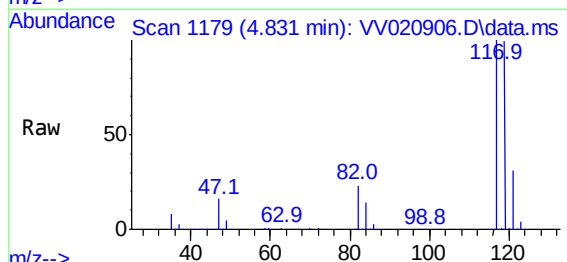
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

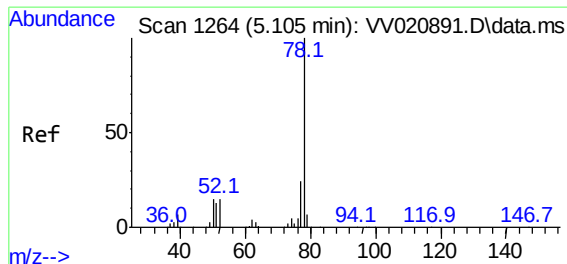
Tgt Ion: 97 Resp: 441233
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 38.5 33.9 50.9



#31
Carbon tetrachloride
Concen: 59.05 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 117 Resp: 397657
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3

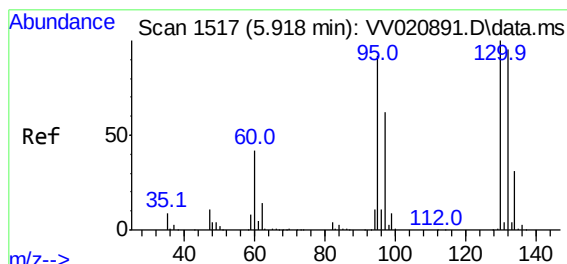
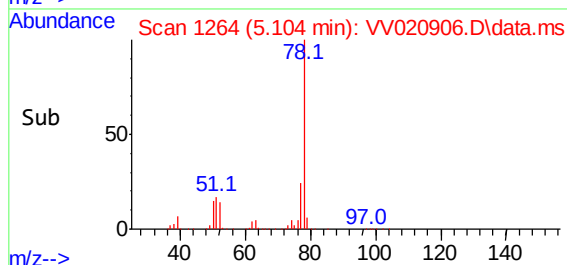
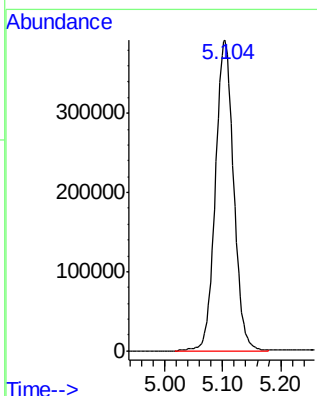
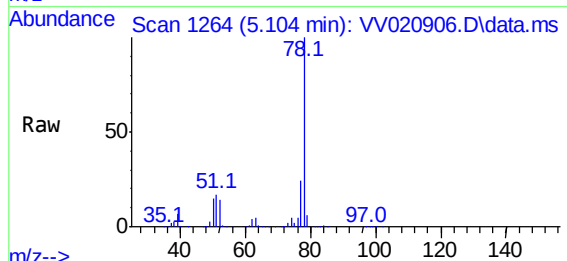




#33
Benzene
Concen: 51.37 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

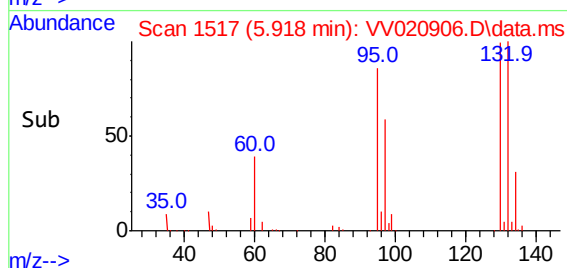
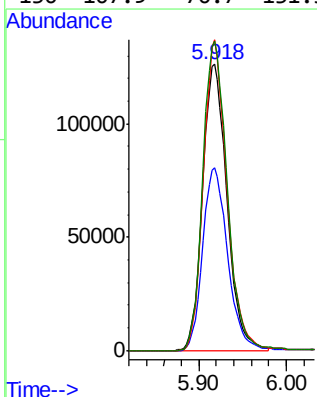
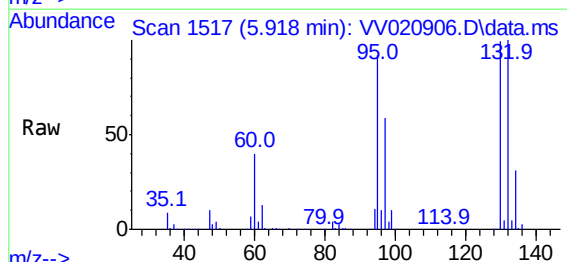
Tgt Ion: 78 Resp: 863792

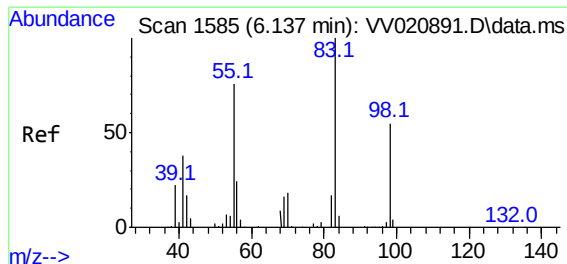


#34
Trichloroethene
Concen: 52.79 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 95 Resp: 243359

Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.5	80.9
132	108.5	69.5	129.1
130	107.9	70.7	131.3

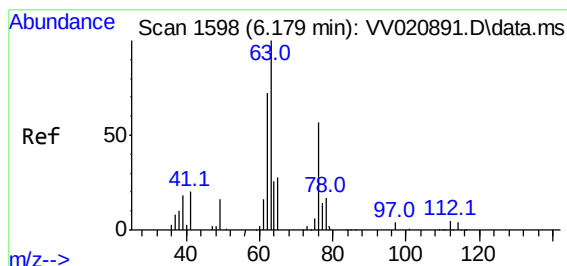
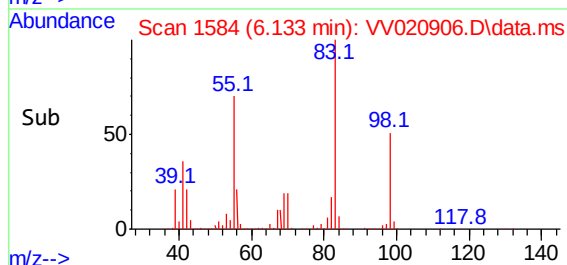
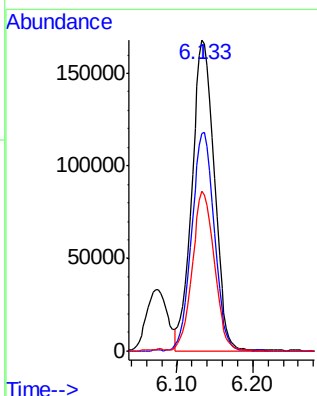
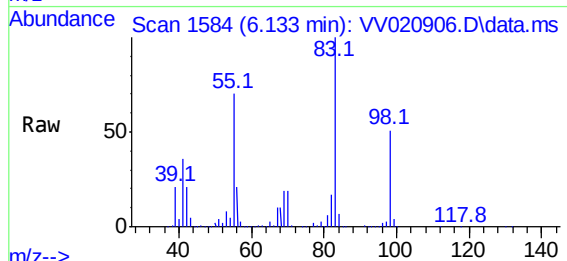




#35
Methylcyclohexane
Concen: 48.58 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

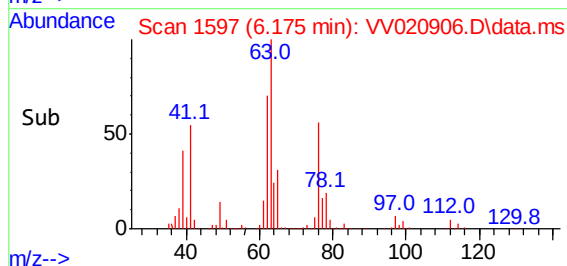
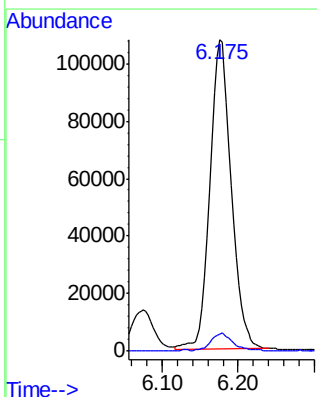
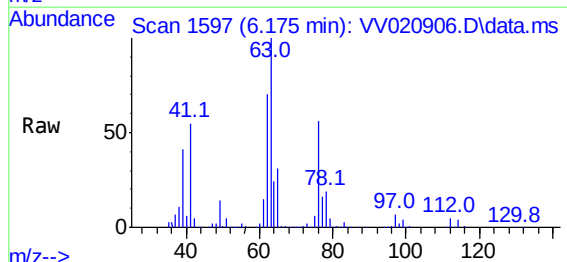
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

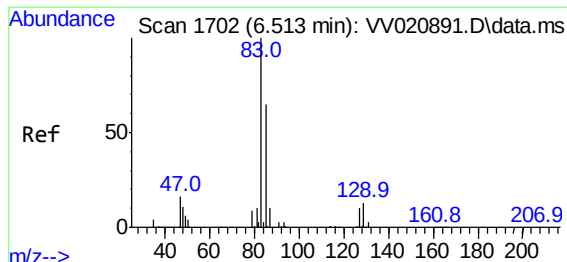
Tgt Ion: 83 Resp: 343614
Ion Ratio Lower Upper
83 100
55 70.5 62.7 94.1
98 50.4 38.9 58.3



#37
1,2-Dichloropropane
Concen: 47.93 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 63 Resp: 211367
Ion Ratio Lower Upper
63 100
112 5.5 3.7 5.5





#38

Bromodichloromethane

Concen: 54.07 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV020906.D

Acq: 03 Apr 2021 03:01

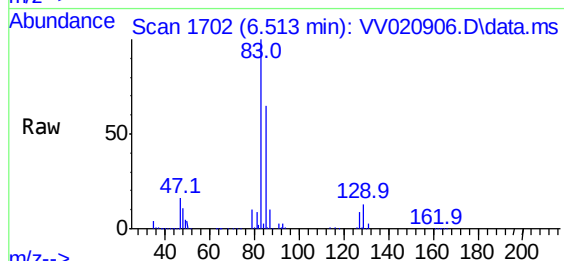
Tgt Ion: 83 Resp: 334837

Ion Ratio Lower Upper

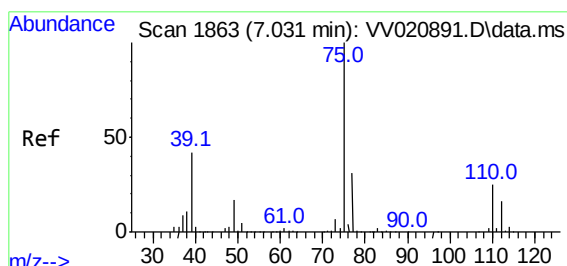
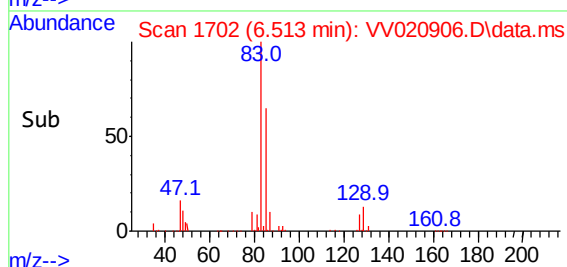
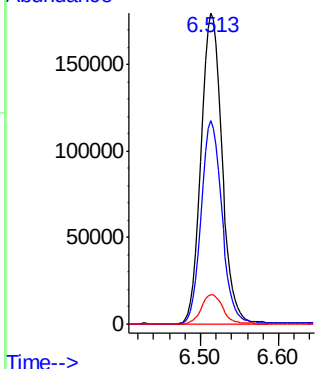
83 100

85 65.3 44.5 82.7

127 9.3 6.8 10.2



Abundance



#39

cis-1,3-Dichloropropene

Concen: 49.56 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VV020906.D

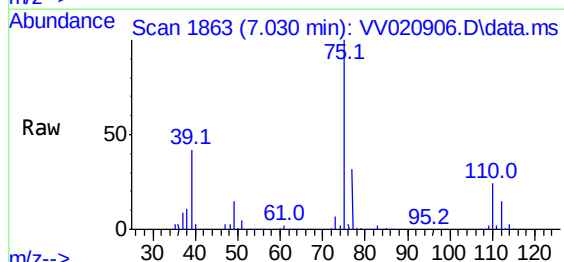
Acq: 03 Apr 2021 03:01

Tgt Ion: 75 Resp: 337391

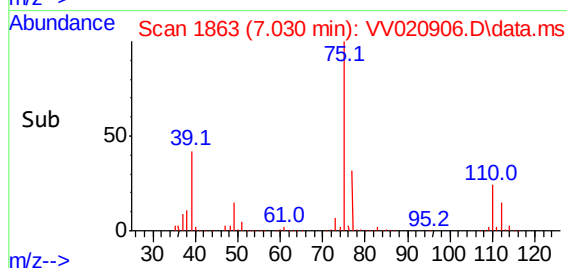
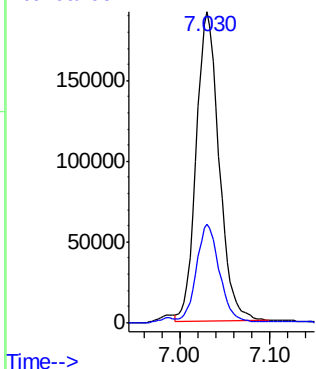
Ion Ratio Lower Upper

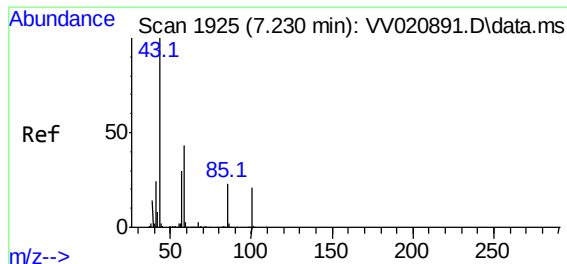
75 100

77 31.8 21.7 40.3



Abundance

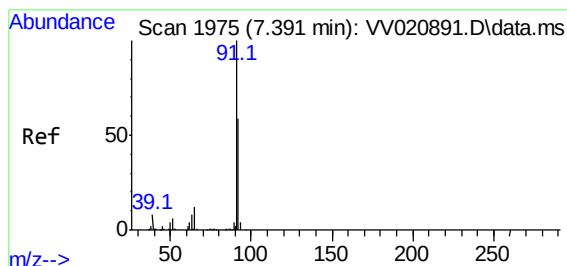
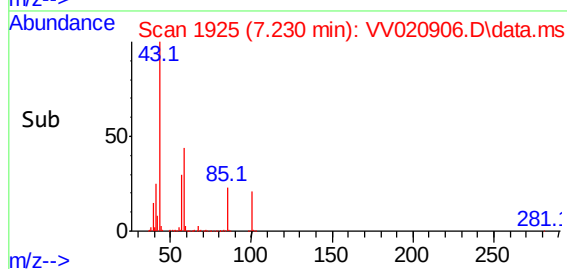
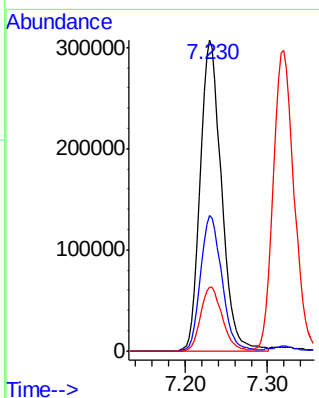
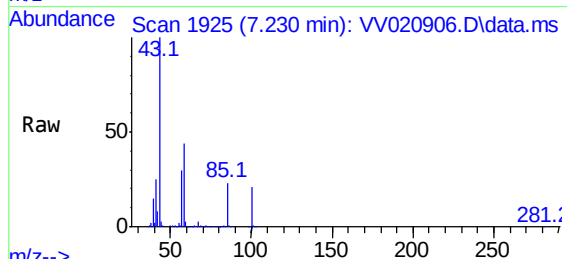




#40
4-Methyl-2-pentanone
Concen: 92.77 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

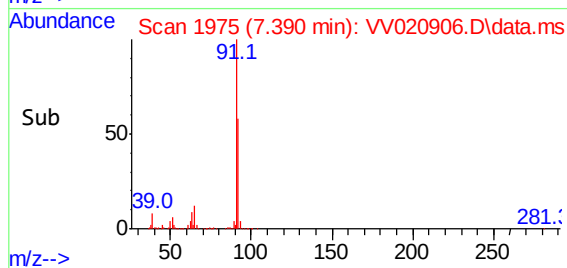
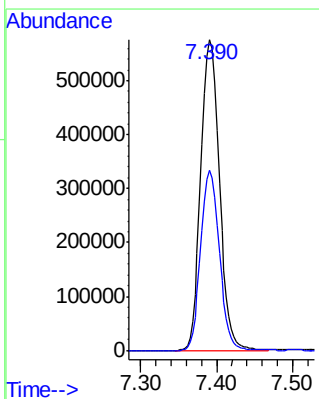
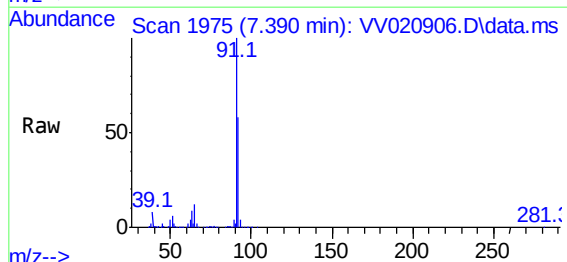
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

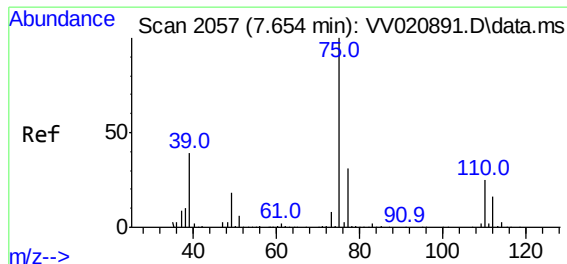
Tgt Ion: 43 Resp: 548559
Ion Ratio Lower Upper
43 100
58 43.5 32.3 48.5
100 20.6 13.0 19.4#



#42
Toluene
Concen: 53.55 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 91 Resp: 978732
Ion Ratio Lower Upper
91 100
92 57.8 39.9 74.1

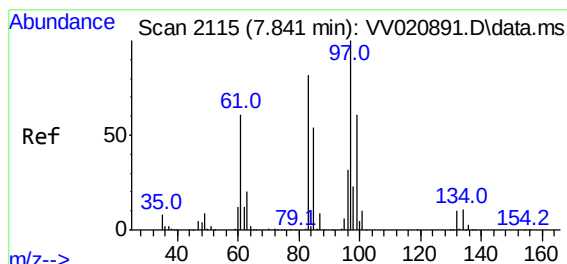
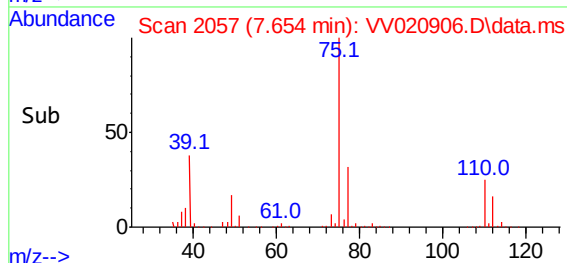
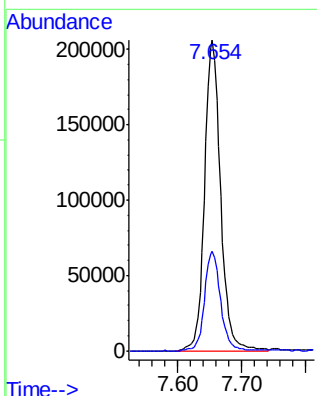
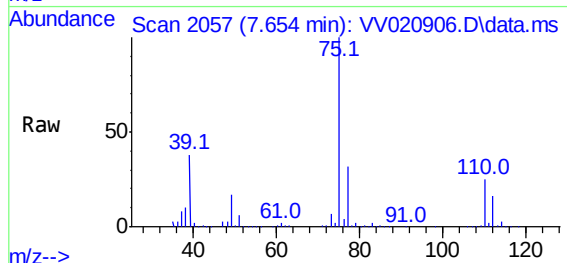




#44
trans-1,3-Dichloropropene
Concen: 51.63 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

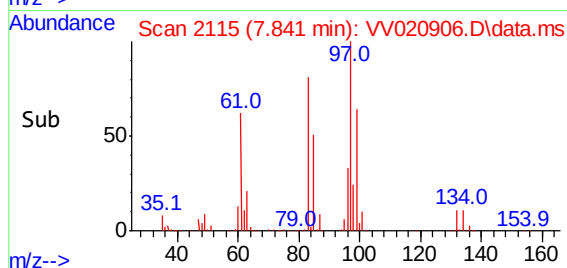
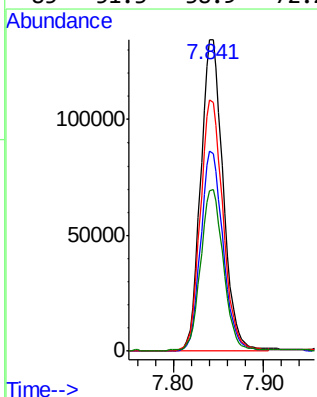
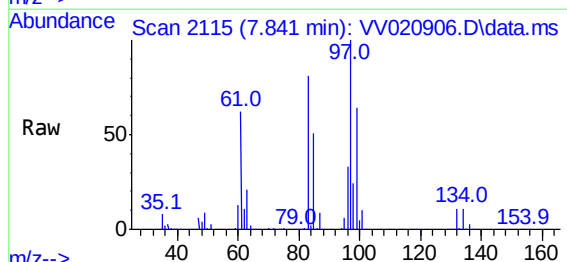
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

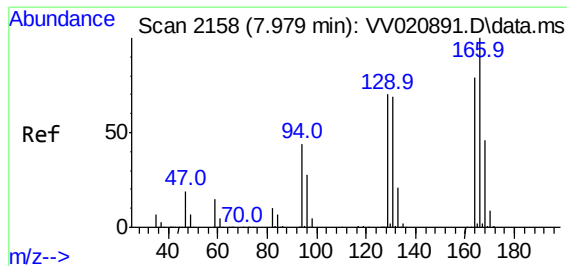
Tgt Ion: 75 Resp: 353939
Ion Ratio Lower Upper
75 100
77 31.9 21.6 40.0



#45
1,1,2-Trichloroethane
Concen: 53.00 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 97 Resp: 229941
Ion Ratio Lower Upper
97 100
99 64.1 44.1 81.9
83 80.8 60.7 112.7
85 51.3 38.9 72.2

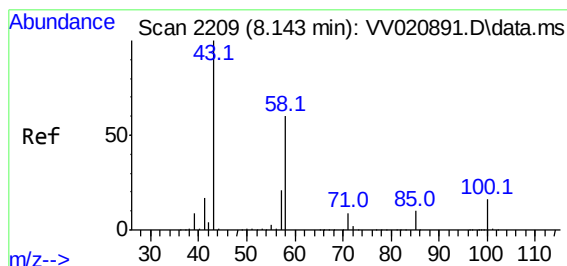
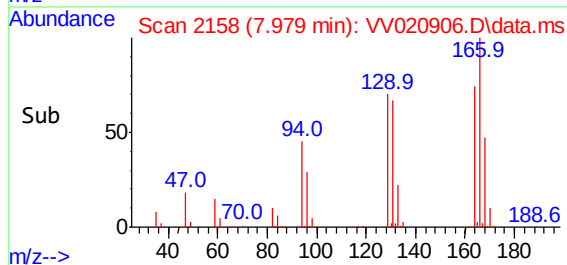
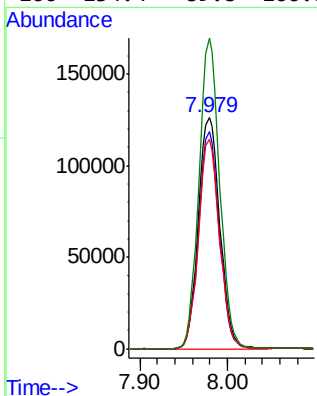
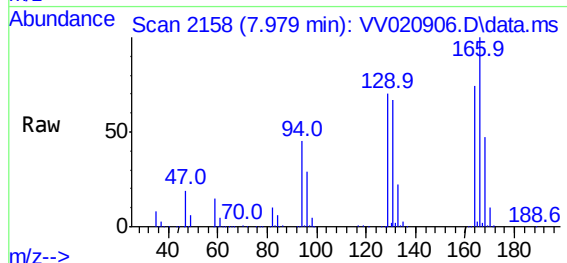




#46
Tetrachloroethene
Concen: 56.20 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

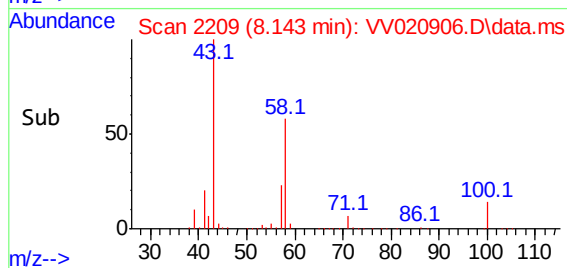
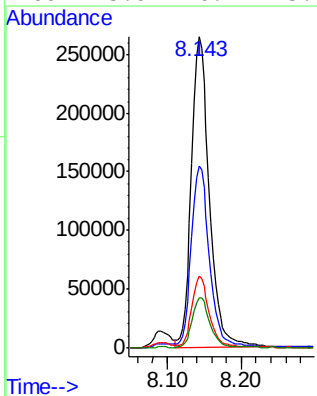
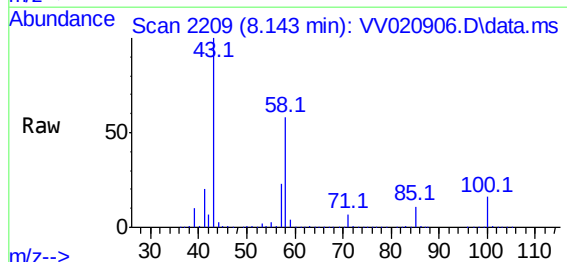
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

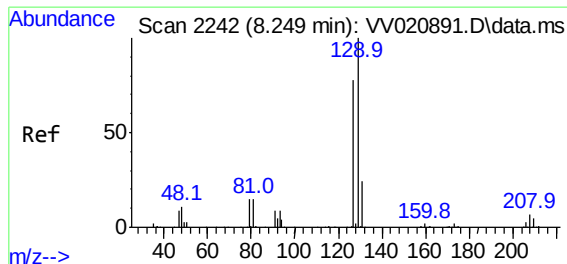
Tgt Ion:164 Resp: 216229
Ion Ratio Lower Upper
164 100
129 94.1 64.3 119.5
131 90.5 63.5 117.9
166 134.4 89.8 166.8



#48
2-Hexanone
Concen: 98.97 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 43 Resp: 446779
Ion Ratio Lower Upper
43 100
58 58.6 45.8 68.8
57 22.3 15.4 23.2
100 15.6 10.2 15.4#

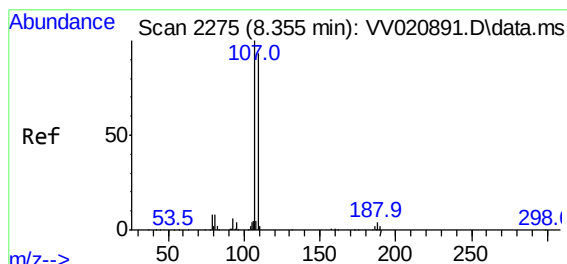
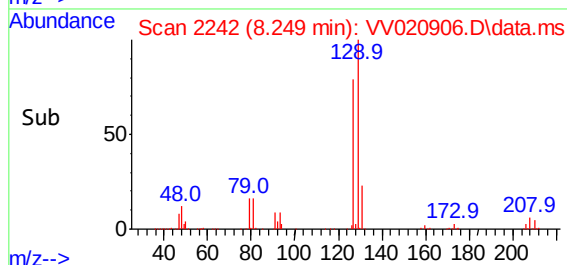
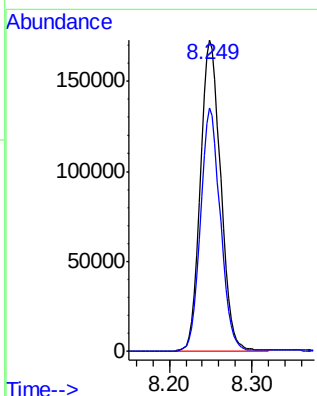
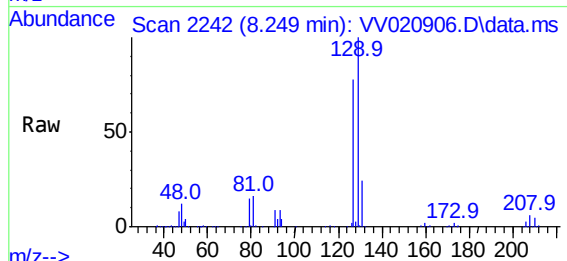




#49
Dibromochloromethane
Concen: 58.20 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

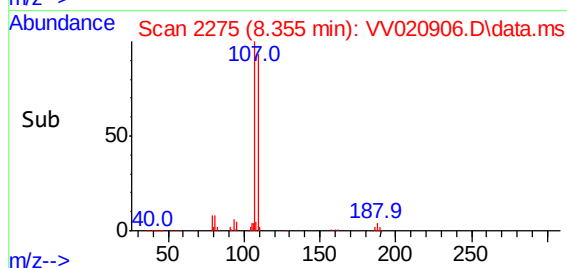
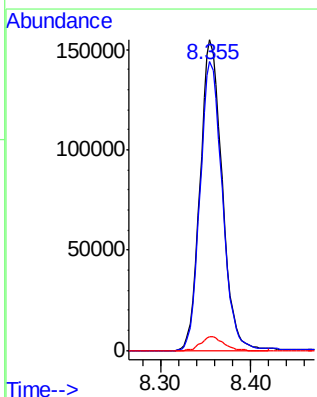
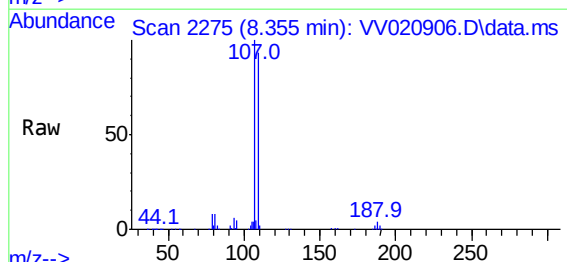
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

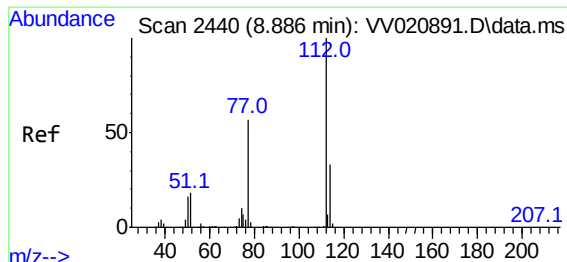
Tgt Ion:129 Resp: 294105
Ion Ratio Lower Upper
129 100
127 78.1 54.6 101.4



#50
1,2-Dibromoethane
Concen: 55.97 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion:107 Resp: 260028
Ion Ratio Lower Upper
107 100
109 93.1 66.7 123.9
188 4.4 3.0 4.4

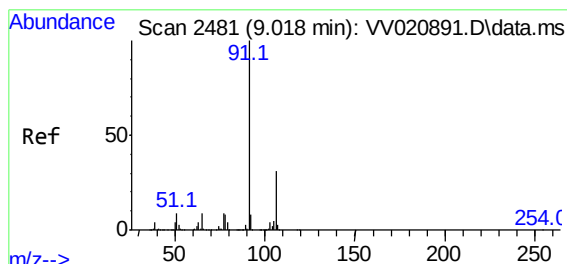
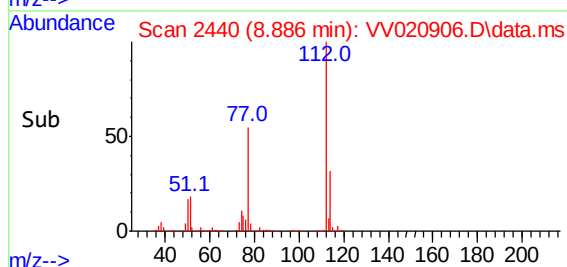
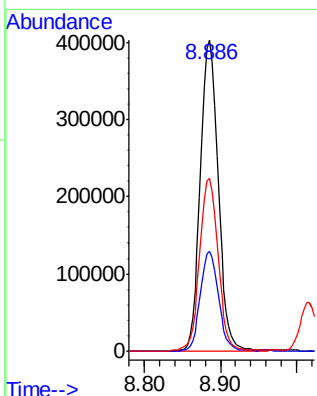
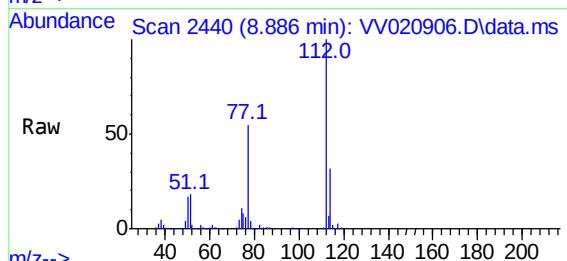




#51
Chlorobenzene
Concen: 53.33 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

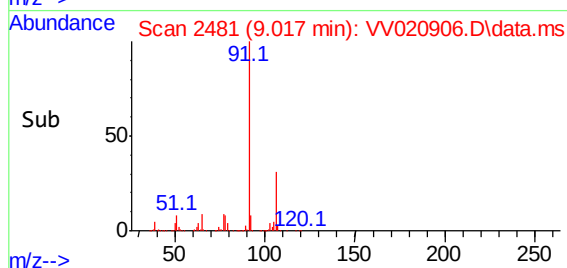
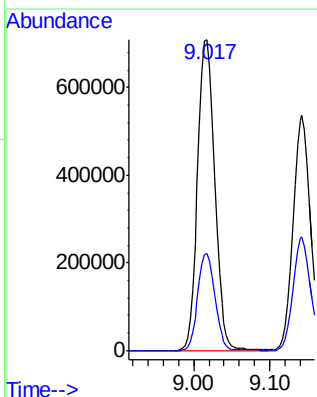
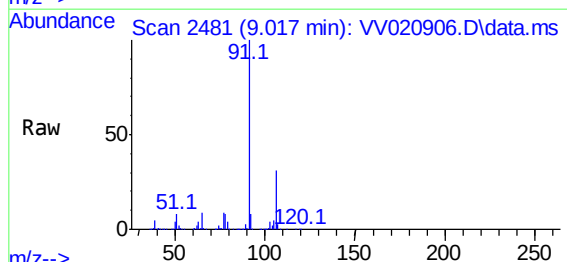
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

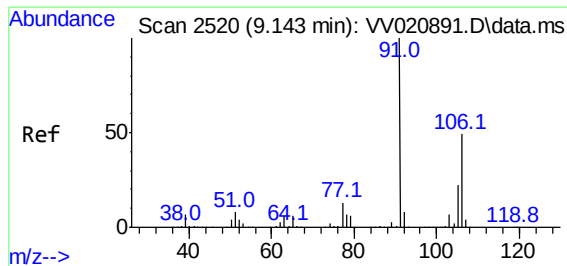
Tgt Ion: 112 Resp: 654305
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 55.3 46.7 70.1



#52
Ethylbenzene
Concen: 53.21 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 91 Resp: 1109835
Ion Ratio Lower Upper
91 100
106 31.2 21.4 39.8

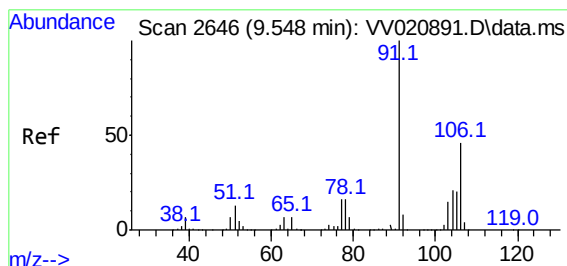
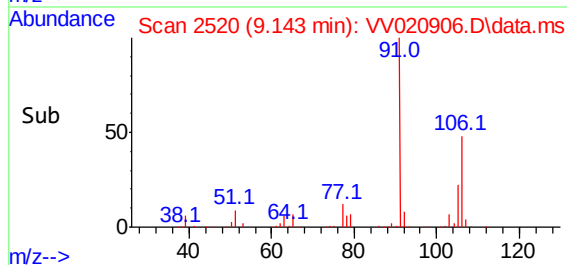
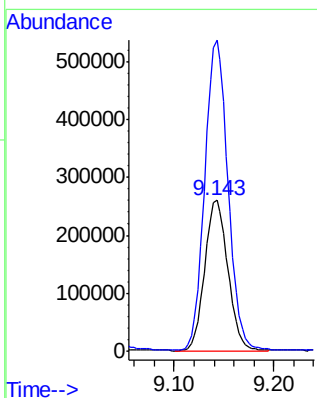
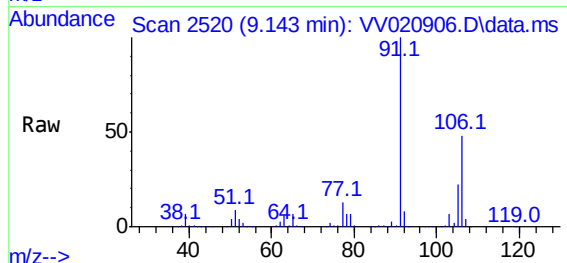




#53
m,p-Xylene
Concen: 54.13 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

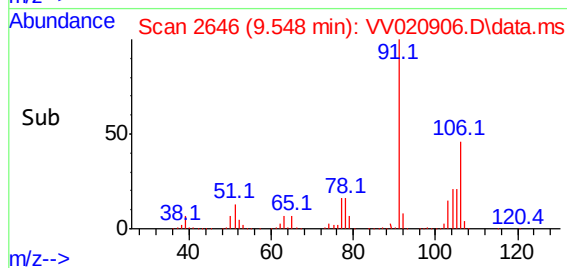
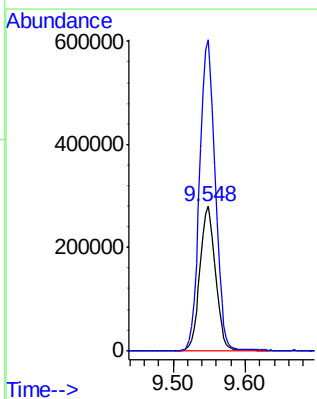
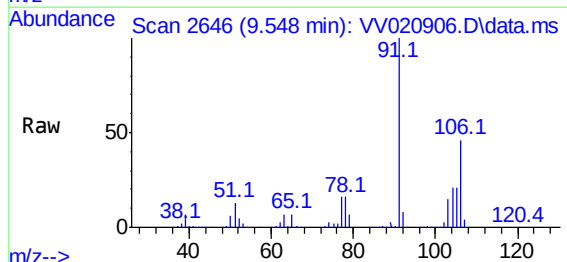
Instrument :
MSVOA_V
ClientSampleID :
VSTD05072

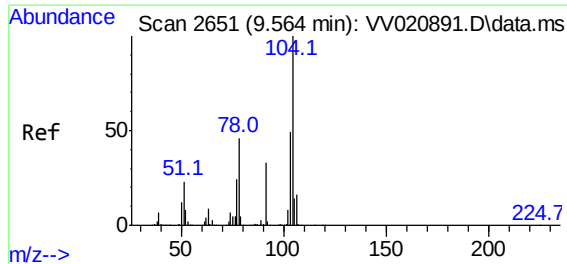
Tgt Ion:106 Resp: 419906
Ion Ratio Lower Upper
106 100
91 206.7 145.7 270.7



#54
o-xylene
Concen: 55.94 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion:106 Resp: 418279
Ion Ratio Lower Upper
106 100
91 216.1 157.8 293.1

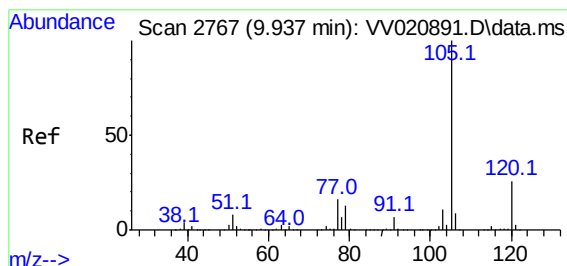
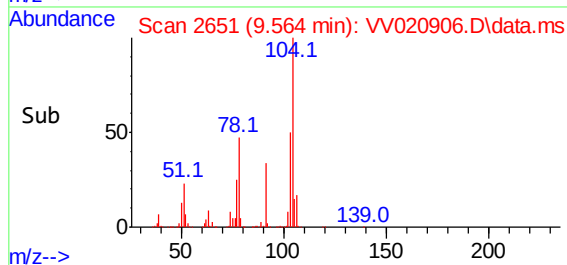
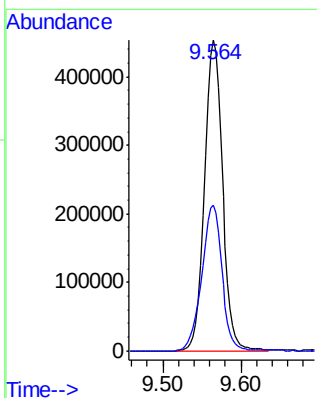
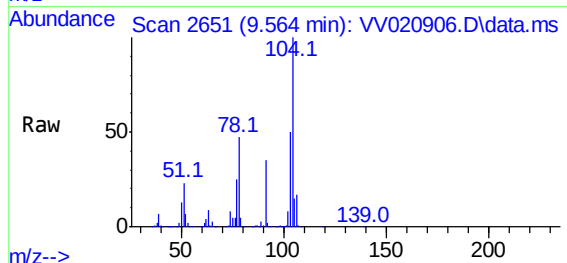




#55
Styrene
Concen: 55.77 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

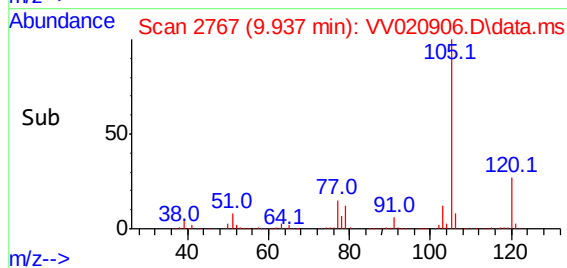
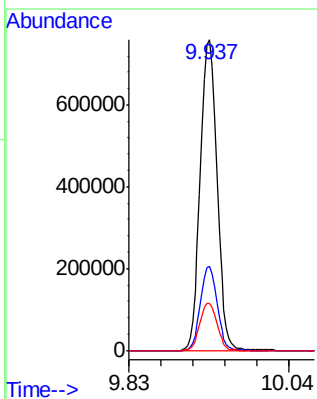
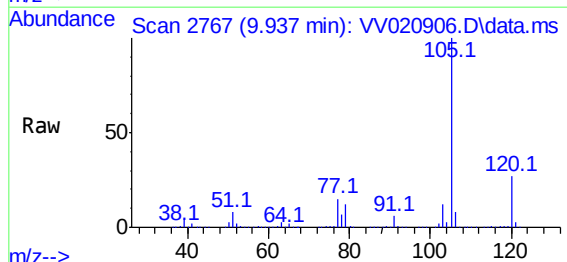
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

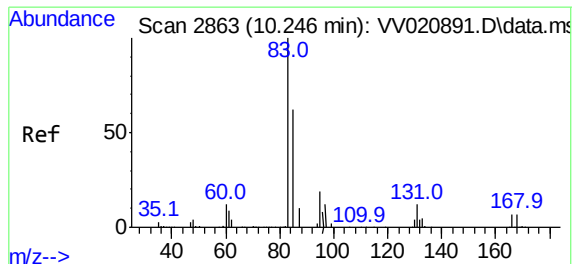
Tgt Ion:104 Resp: 732788
Ion Ratio Lower Upper
104 100
78 47.0 33.6 62.4



#56
Isopropylbenzene
Concen: 55.99 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion:105 Resp: 1152950
Ion Ratio Lower Upper
105 100
120 26.9 20.8 31.2
77 15.4 12.9 19.3

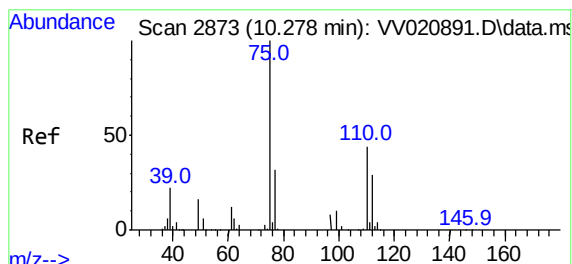
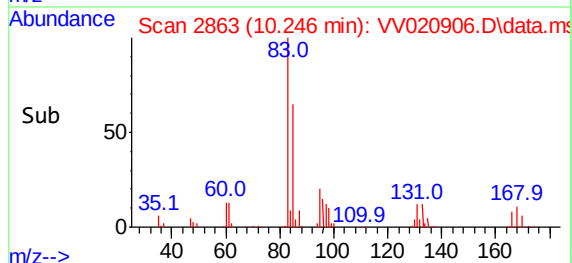
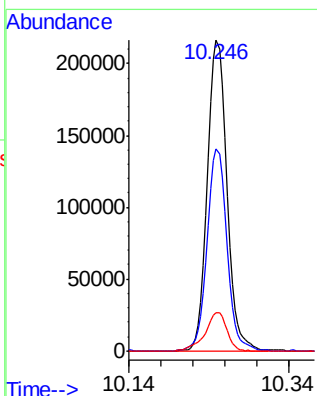
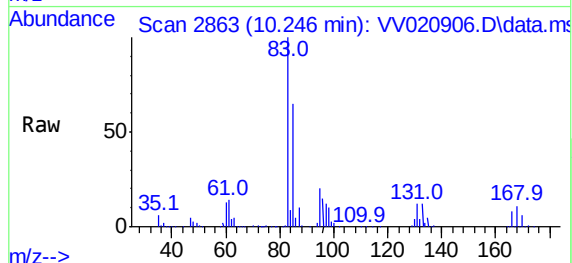




#58
1,1,2,2-Tetrachloroethane
Concen: 49.52 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

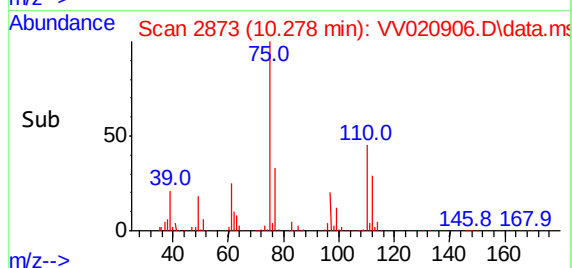
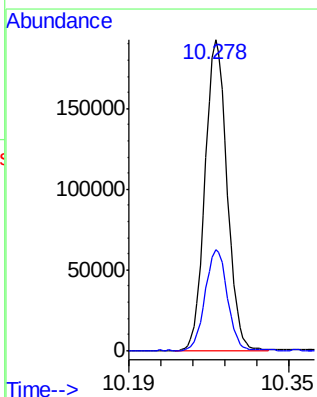
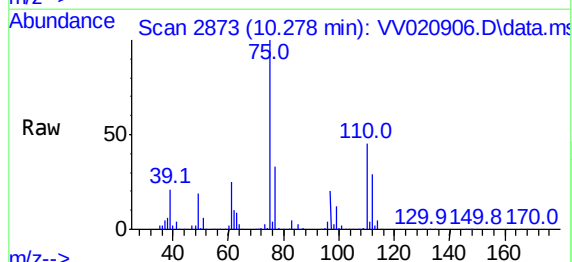
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

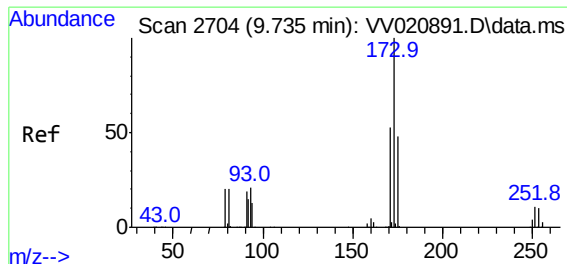
Tgt Ion: 83 Resp: 350406
Ion Ratio Lower Upper
83 100
85 65.2 44.7 83.1
131 12.2 8.6 12.8



#59
1,2,3-Trichloropropane
Concen: 52.93 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 75 Resp: 304802
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9

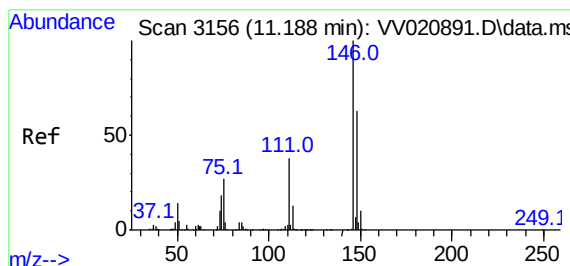
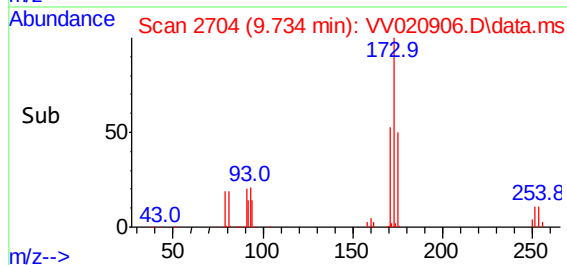
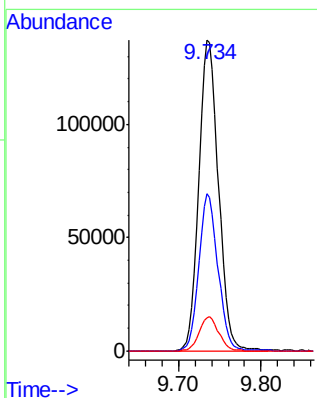
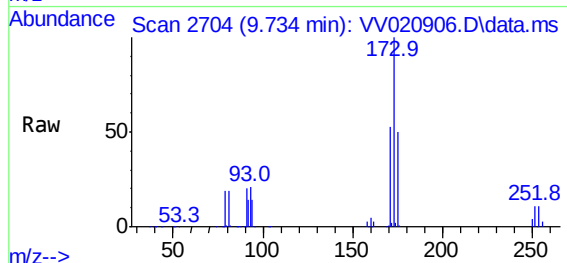




#61
Bromoform
Concen: 56.70 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

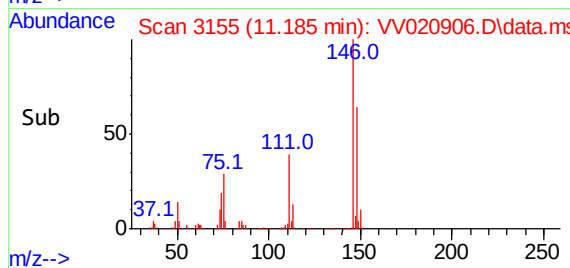
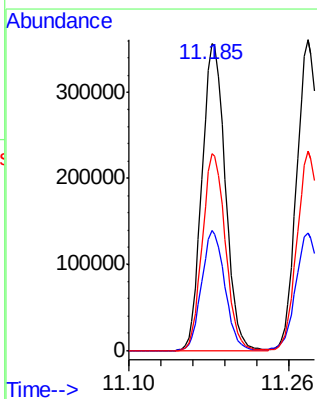
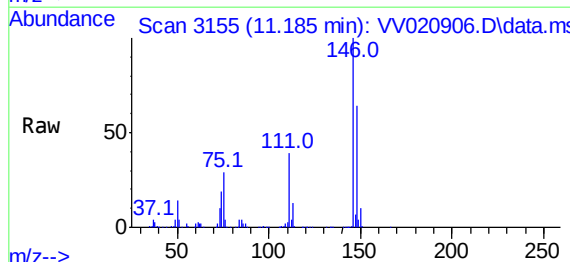
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

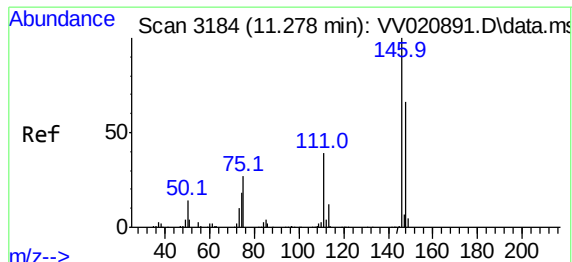
Tgt Ion:173 Resp: 227502
Ion Ratio Lower Upper
173 100
175 48.9 38.4 57.6
254 10.8 8.5 12.7



#62
1,3-Dichlorobenzene
Concen: 51.81 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion:146 Resp: 558785
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 64.1 44.9 83.5

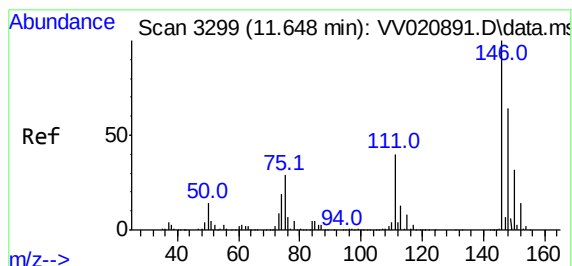
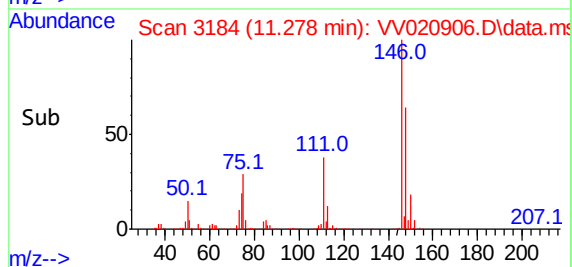
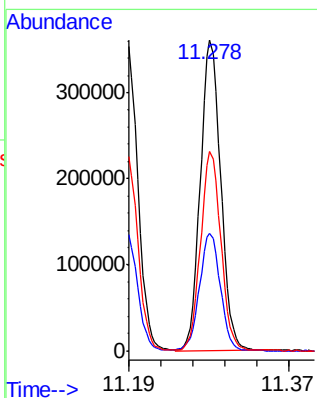
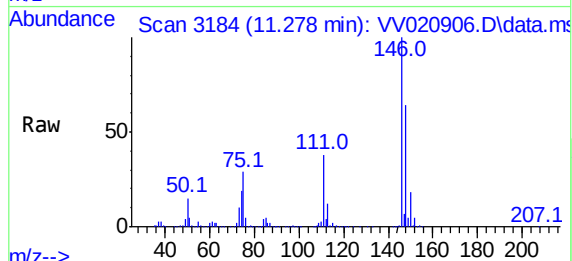




#63
1,4-Dichlorobenzene
Concen: 50.06 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

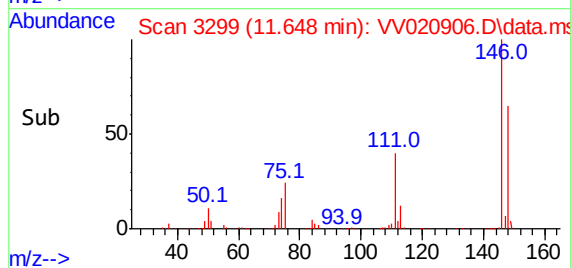
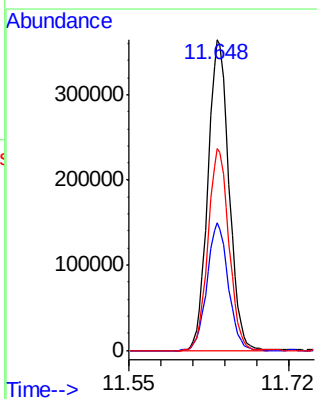
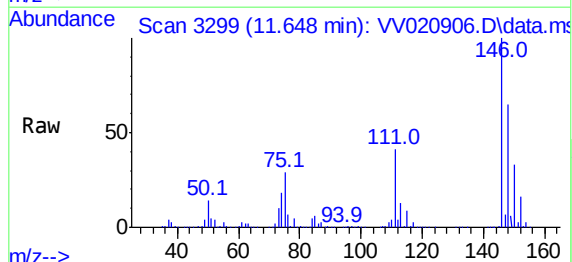
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

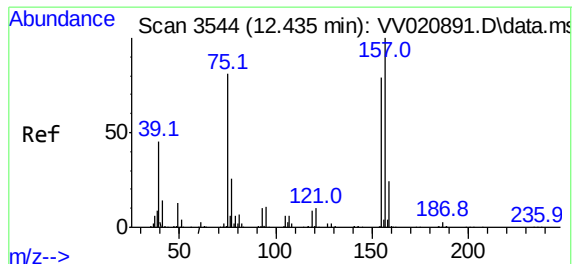
Tgt Ion:146 Resp: 561450
Ion Ratio Lower Upper
146 100
111 37.9 26.0 48.4
148 64.0 44.1 81.9



#65
1,2-Dichlorobenzene
Concen: 53.95 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion:146 Resp: 573445
Ion Ratio Lower Upper
146 100
111 40.9 34.1 51.1
148 64.9 51.4 77.0

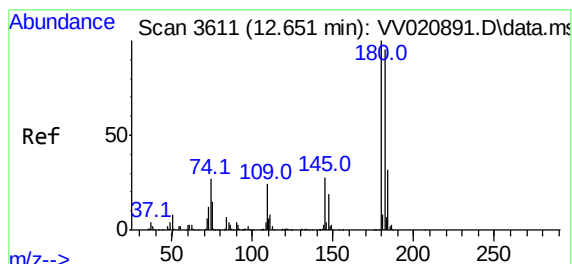
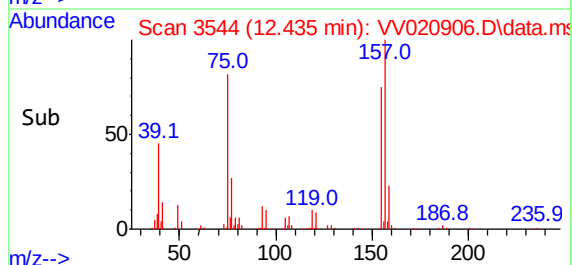
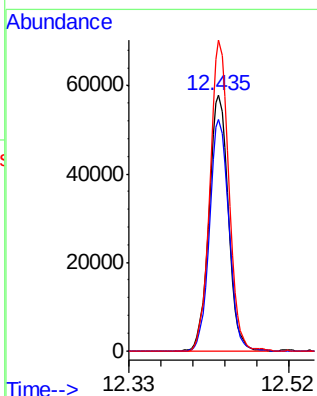
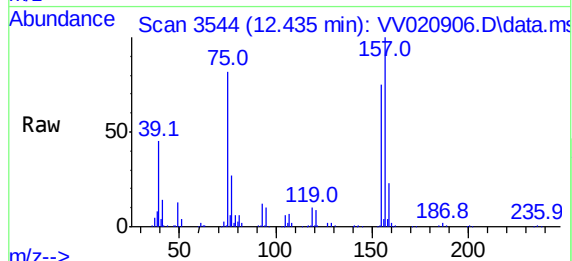




#66
1,2-Dibromo-3-chloropropane
Concen: 50.35 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

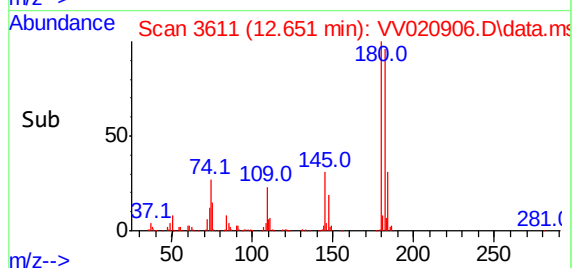
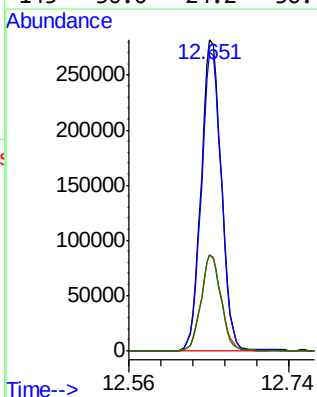
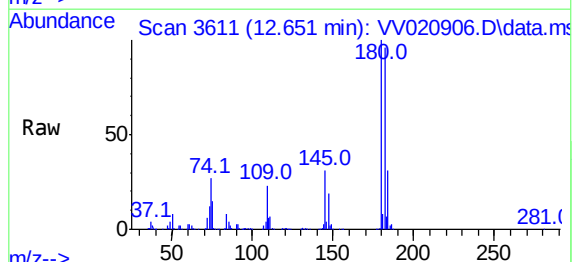
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

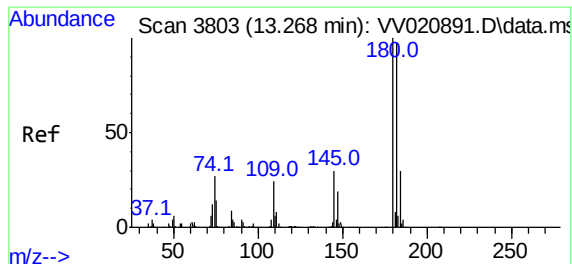
Tgt Ion: 75 Resp: 90472
Ion Ratio Lower Upper
75 100
155 90.8 65.3 97.9
157 121.6 85.8 128.6



#67
1,3,5-Trichlorobenzene
Concen: 51.73 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion: 180 Resp: 432445
Ion Ratio Lower Upper
180 100
182 95.9 76.3 114.5
184 30.5 24.5 36.7
145 30.0 24.2 36.4

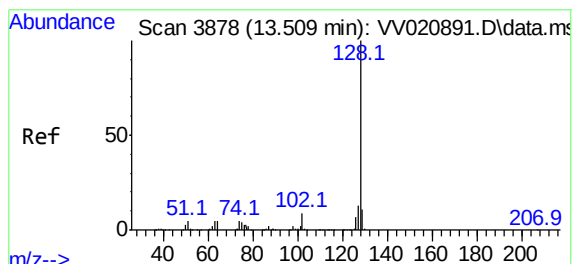
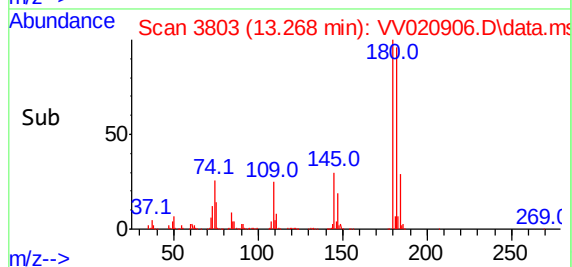
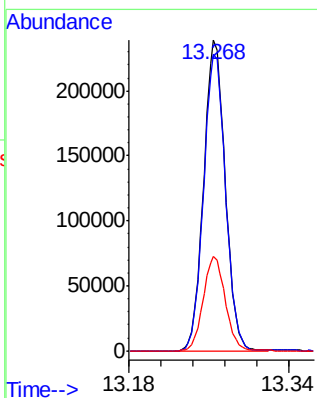
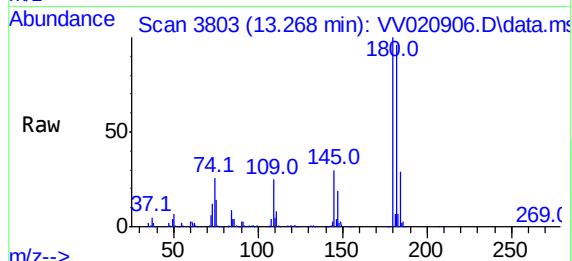




#68
1,2,4-trichlorobenzene
Concen: 50.62 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

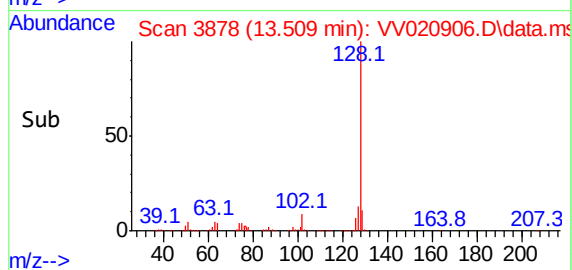
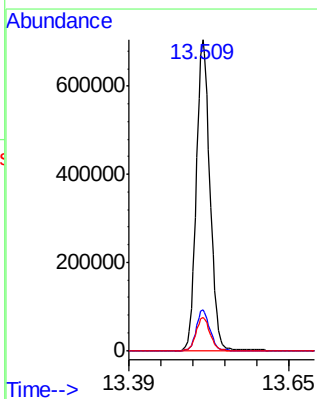
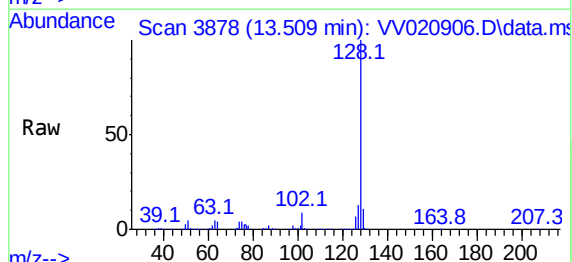
Instrument :
MSVOA_V
ClientSampleId :
VSTD05072

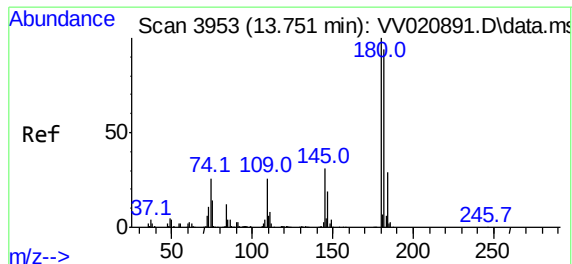
Tgt Ion:180 Resp: 358822
Ion Ratio Lower Upper
180 100
182 96.9 75.8 113.6
145 30.8 23.9 35.9



#69
Naphthalene
Concen: 53.61 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020906.D
Acq: 03 Apr 2021 03:01

Tgt Ion:128 Resp: 1087576
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.7 13.1





#70
 1,2,3-Trichlorobenzene
 Concen: 53.89 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. -0.000 min
 Lab File: VV020906.D
 Acq: 03 Apr 2021 03:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Tgt Ion:180 Resp: 382529

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.2	112.8
145	32.1	25.5	38.3

