

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080321\
 Data File : VV021723.D
 Acq On : 03 Aug 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 04 01:06:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 02:08:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	426045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	394174	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	205222	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119342	44.604	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.200%	
7) Chloroethane-d5	1.558	69	102115	46.275	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.540%	
11) 1,1-Dichloroethene-d2	2.105	63	228237	47.694	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.380%	
21) 2-Butanone-d5	3.870	46	213821	93.033	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.030%	
24) Chloroform-d	4.343	84	275703	48.615	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.240%	
26) 1,2-Dichloroethane-d4	5.027	65	162048	47.781	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.560%	
32) Benzene-d6	5.047	84	550646	49.288	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.580%	
36) 1,2-Dichloropropane-d6	6.066	67	173356	48.956	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.920%	
41) Toluene-d8	7.313	98	506916	49.041	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.080%	
43) trans-1,3-Dichloroprop...	7.619	79	85754	49.079	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	98.160%	
47) 2-Hexanone-d5	8.085	63	146734	95.032	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	95.030%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	225995	48.425	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.860%	
66) 1,2-Dichlorobenzene-d4	11.625	152	206861	48.684	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	139326	49.413	ug/L	99
3) Chloromethane	1.240	50	129465	46.577	ug/L	100
5) Vinyl chloride	1.307	62	138789	49.000	ug/L	99
6) Bromomethane	1.510	94	60786	39.035	ug/L	99
8) Chloroethane	1.574	64	85735	49.482	ug/L	99
9) Trichlorofluoromethane	1.748	101	207217	50.260	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	119994	51.599	ug/L	100
12) 1,1-Dichloroethene	2.114	96	106408	49.911	ug/L	88
13) Acetone	2.159	43	180128	119.471	ug/L	100
14) Carbon disulfide	2.291	76	280338	49.062	ug/L	99
15) Methyl Acetate	2.423	43	149178	47.400	ug/L	99
16) Methylene chloride	2.503	84	141882	48.884	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	126584	50.320	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	438067	49.424	ug/L	100
19) 1,1-Dichloroethane	3.185	63	245020	49.943	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	148185	49.750	ug/L	99
22) 2-Butanone	3.950	43	231739	105.622	ug/L	98
23) Bromochloromethane	4.243	128	77900	48.681	ug/L	97
25) Chloroform	4.368	83	256950	49.919	ug/L	99

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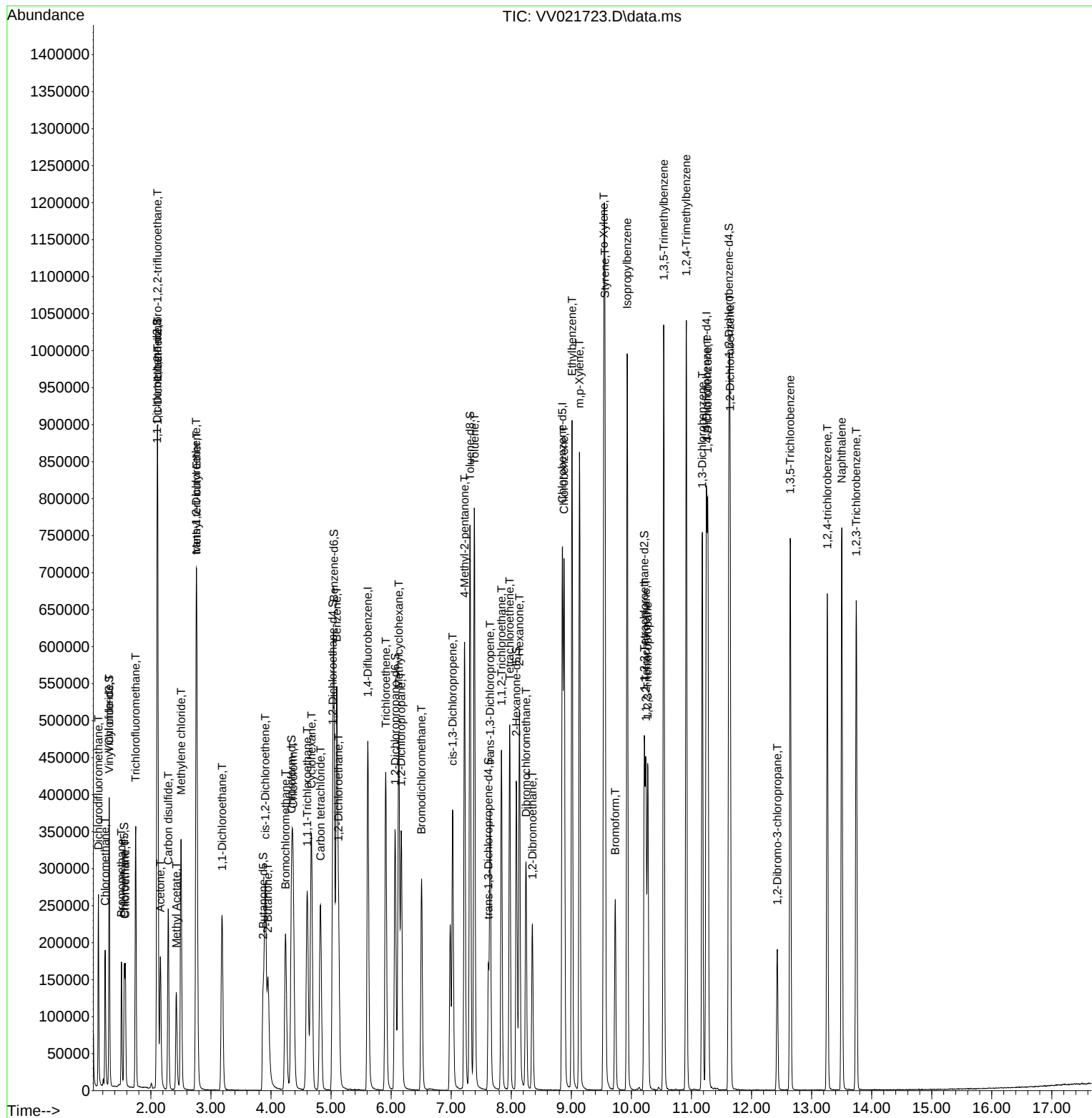
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	178956	49.176	ug/L	99
29) Cyclohexane	4.674	56	199256	50.523	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	224244	50.395	ug/L	100
31) Carbon tetrachloride	4.825	117	194438	50.785	ug/L	99
33) Benzene	5.095	78	539702	50.914	ug/L	100
34) Trichloroethene	5.912	95	150221	50.017	ug/L	98
35) Methylcyclohexane	6.127	83	215183	52.553	ug/L	98
37) 1,2-Dichloropropane	6.169	63	141127	49.967	ug/L	100
38) Bromodichloromethane	6.506	83	193226	50.103	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	233610	52.198	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	389821	94.741	ug/L	99
42) Toluene	7.387	91	583122	51.021	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	217336	50.660	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	143831	50.006	ug/L	99
46) Tetrachloroethene	7.976	164	114959	51.795	ug/L	95
48) 2-Hexanone	8.137	43	313671	99.463	ug/L	100
49) Dibromochloromethane	8.246	129	161204	49.207	ug/L	99
50) 1,2-Dibromoethane	8.352	107	150584	49.273	ug/L	100
51) Chlorobenzene	8.879	112	383595	50.230	ug/L	99
52) Ethylbenzene	9.011	91	634219	51.109	ug/L	99
53) m,p-Xylene	9.137	106	247197	51.324	ug/L	99
54) o-Xylene	9.542	106	245821	50.719	ug/L	99
55) Styrene	9.561	104	420705	51.809	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	210630	49.060	ug/L	99
59) Bromoform	9.731	173	116682	49.164	ug/L	100
60) Isopropylbenzene	9.931	105	644308	50.821	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	176225	48.314	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	545728	50.839	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	554630	50.770	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	307270	50.297	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	310502	50.508	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	313021	50.161	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	44481	46.324	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	233279	51.315	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	203761	53.165	ug/L	99
71) Naphthalene	13.503	128	597610	53.861	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	205051	53.845	ug/L	99

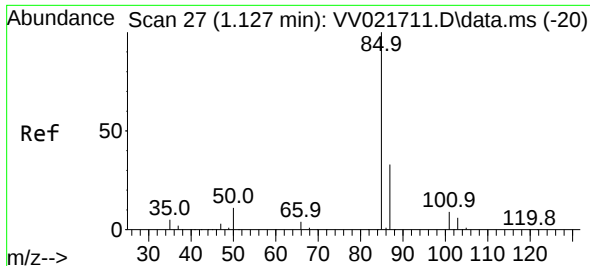
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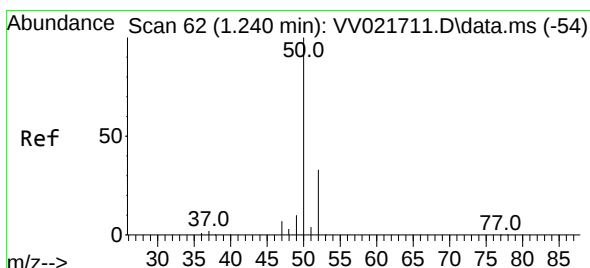
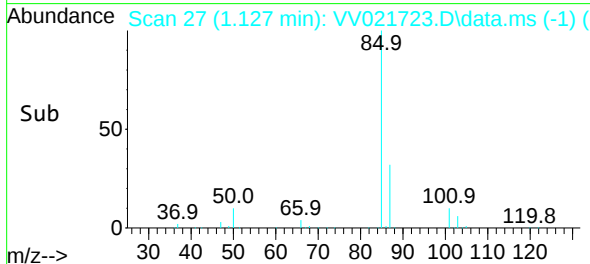
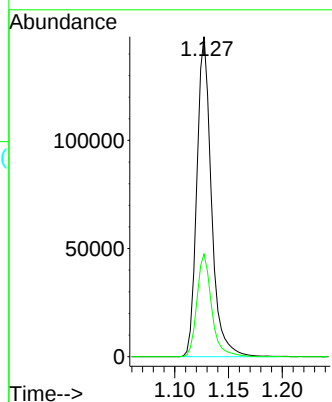
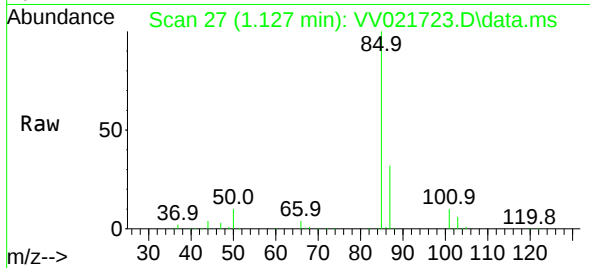




#2
Dichlorodifluoromethane
Concen: 49.413 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

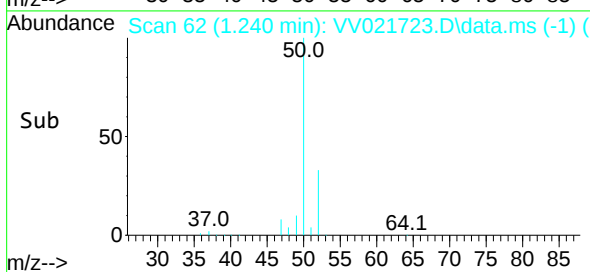
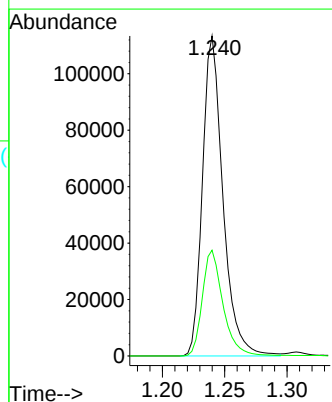
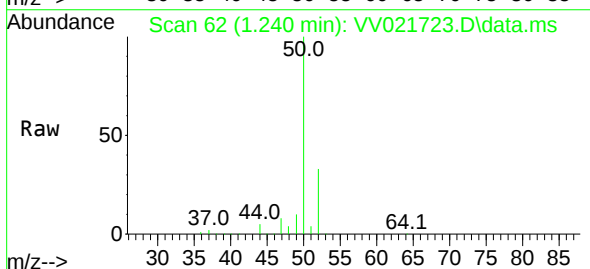
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MSVOA_V
ClientSampled :

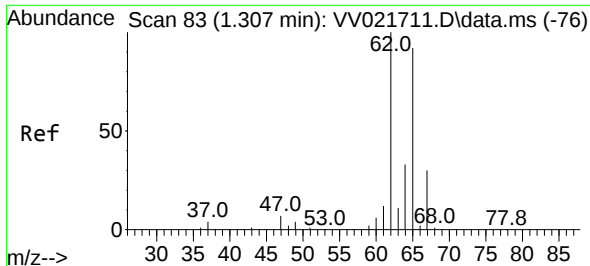
Tgt Ion: 85 Resp: 139326
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 46.577 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 50 Resp: 129465
Ion Ratio Lower Upper
50 100
52 33.0 23.1 42.9

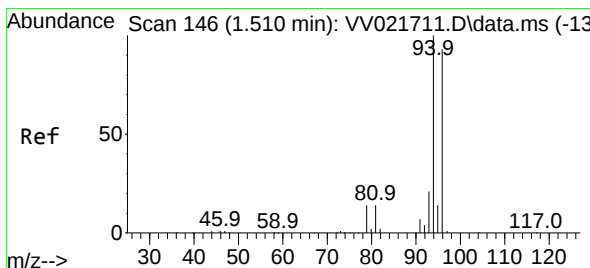
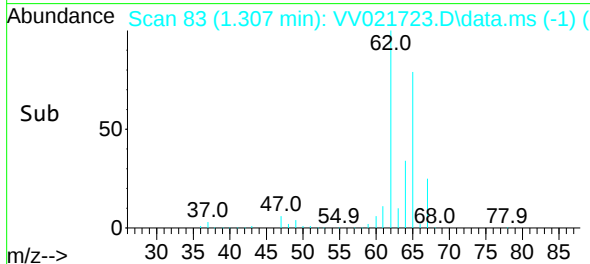
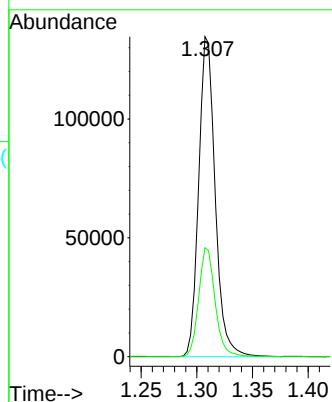
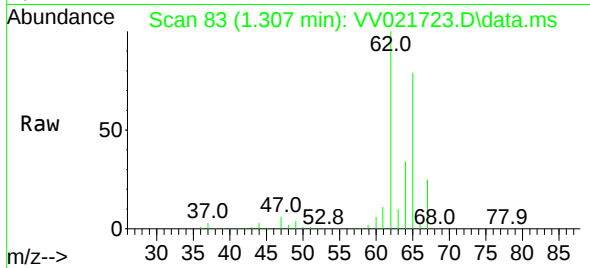




#5
 Vinyl chloride
 Concen: 49.000 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021723.D
 Acq: 03 Aug 2021 09:41

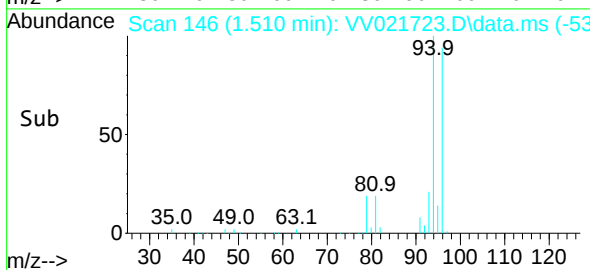
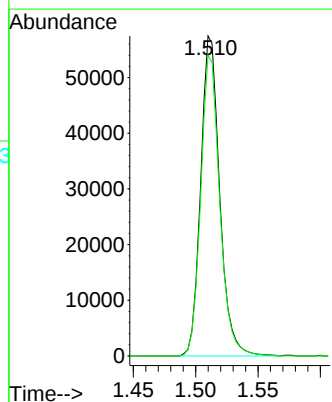
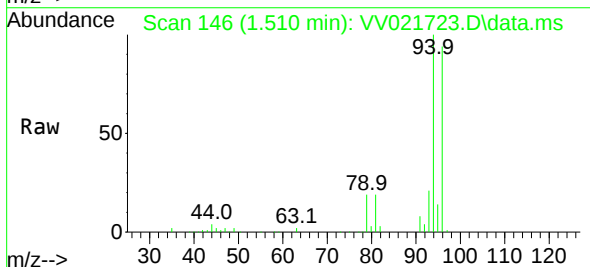
Instrument :
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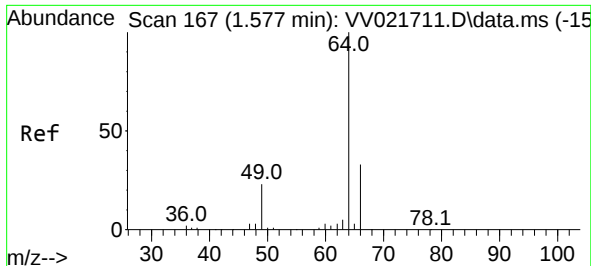
Tgt Ion: 62 Resp: 138789
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.2



#6
 Bromomethane
 Concen: 39.035 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. 0.000 min
 Lab File: VV021723.D
 Acq: 03 Aug 2021 09:41

Tgt Ion: 94 Resp: 60786
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.4 121.4

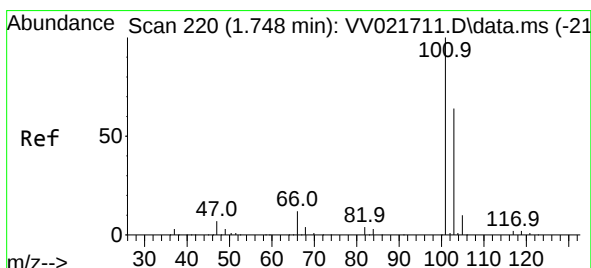
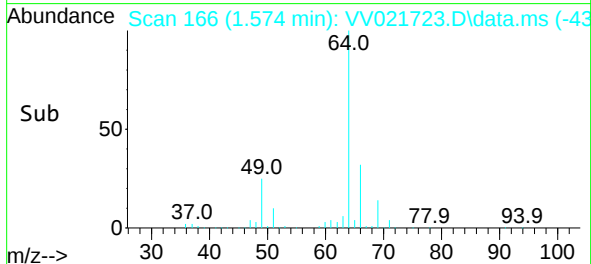
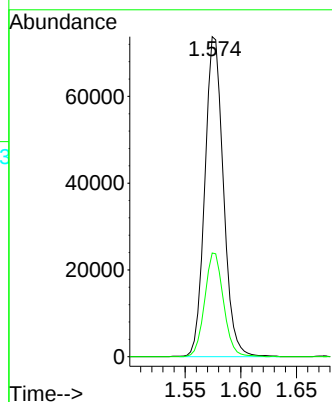
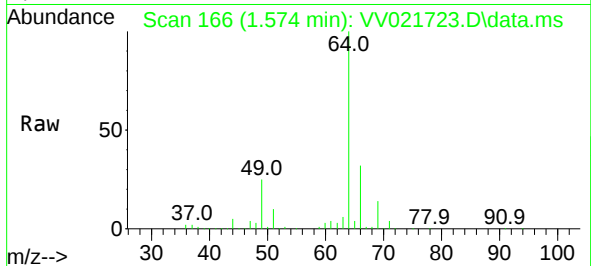




#8
Chloroethane
Concen: 49.482 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

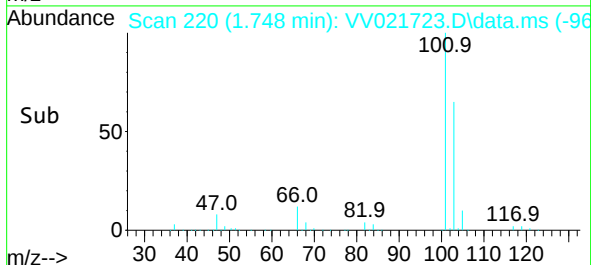
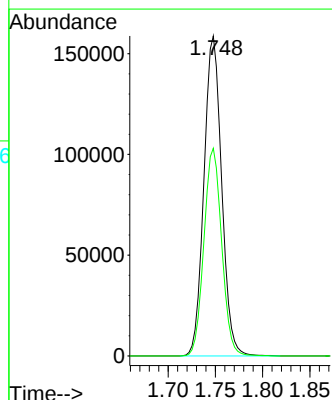
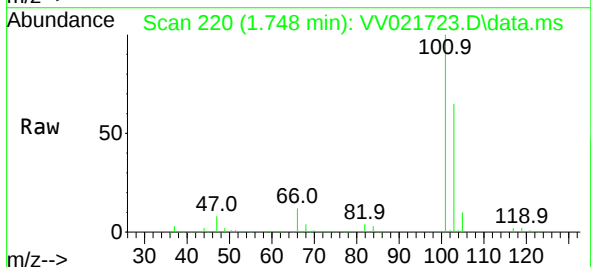
Instrument :
MSVOA_V
ClientSampled :

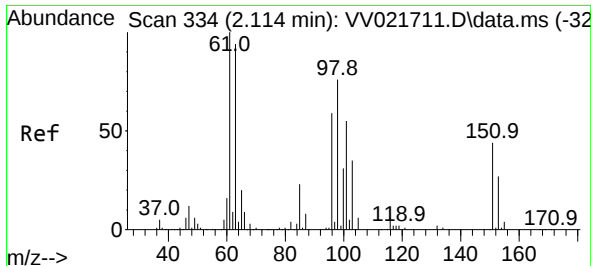
Tgt Ion: 64 Resp: 85735
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 50.260 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion:101 Resp: 207217
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

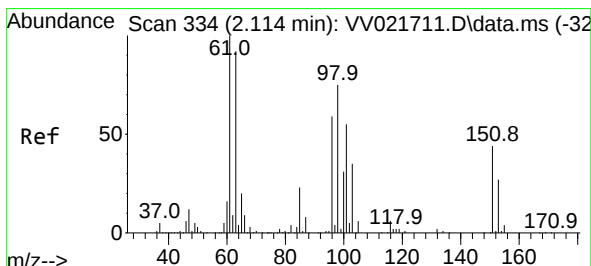
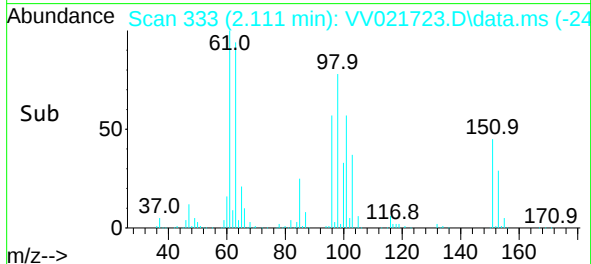
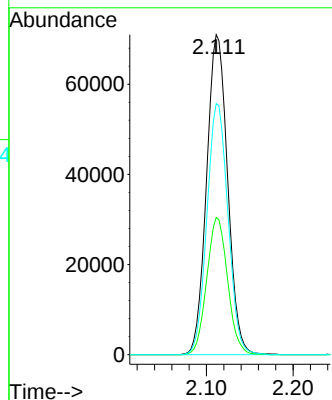
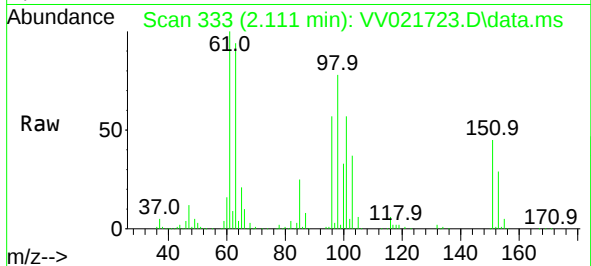




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.599 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV021723.D
 Acq: 03 Aug 2021 09:41

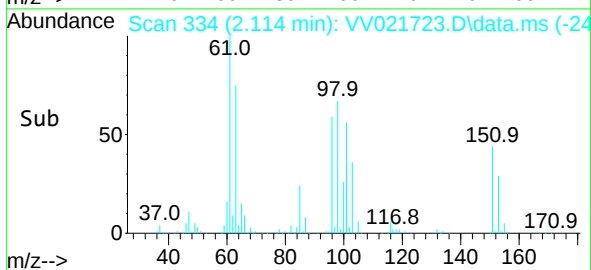
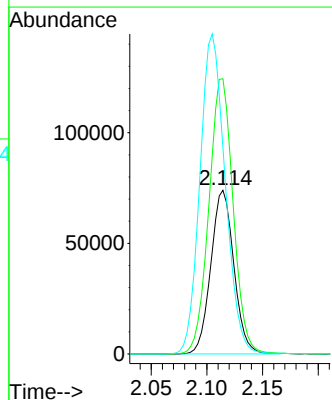
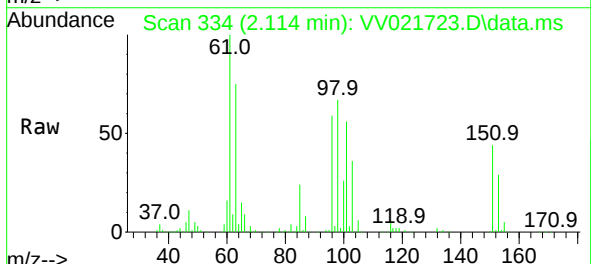
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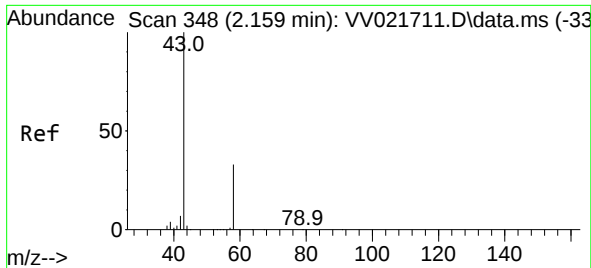
Tgt Ion:101 Resp: 119994
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.7 50.5
 151 78.7 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 49.911 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021723.D
 Acq: 03 Aug 2021 09:41

Tgt Ion: 96 Resp: 106408
 Ion Ratio Lower Upper
 96 100
 61 168.2 118.2 219.4
 63 126.2 110.9 205.9

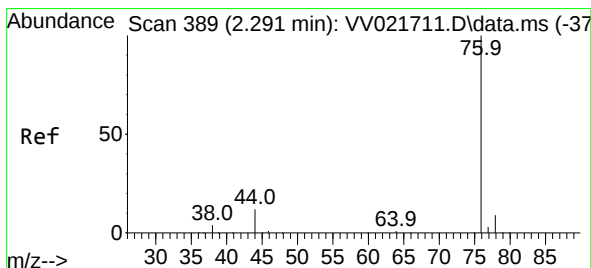
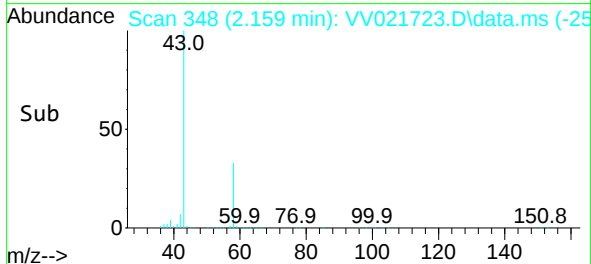
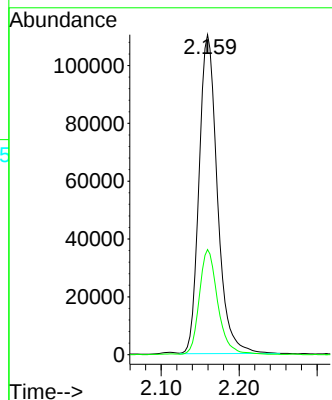
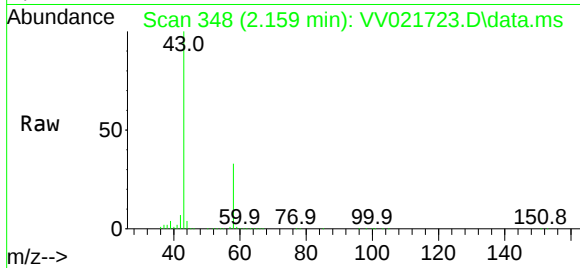




#13
Acetone
Concen: 119.471 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

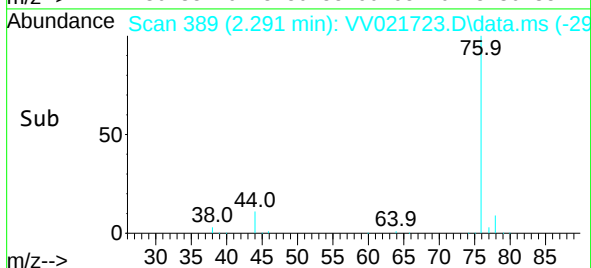
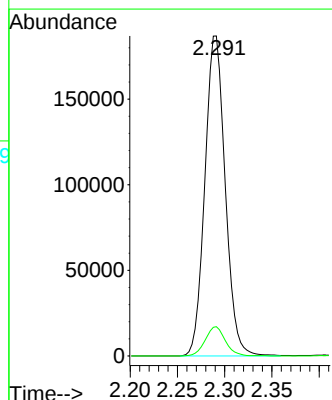
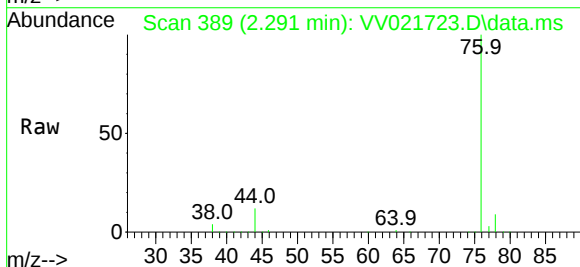
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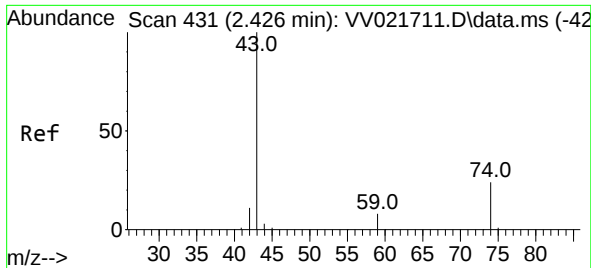
Tgt Ion: 43 Resp: 180128
Ion Ratio Lower Upper
43 100
58 33.0 0.0 66.2



#14
Carbon disulfide
Concen: 49.062 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 280338
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

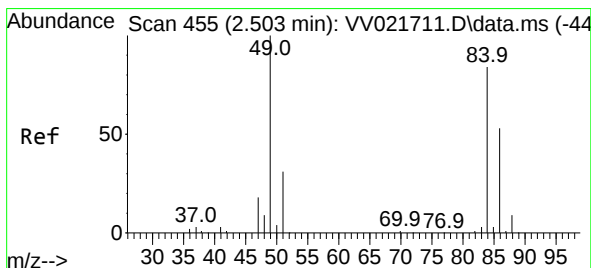
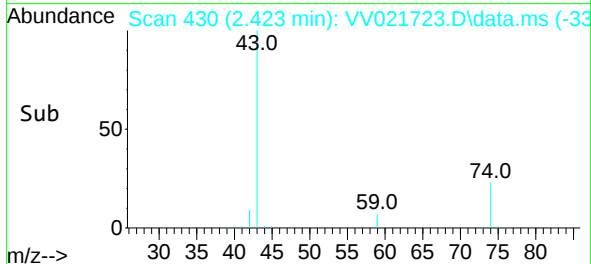
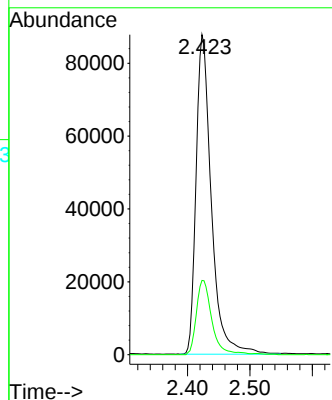
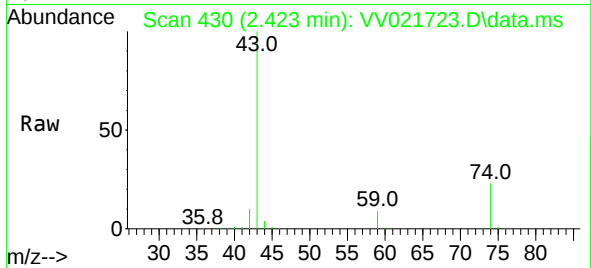




#15
Methyl Acetate
Concen: 47.400 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

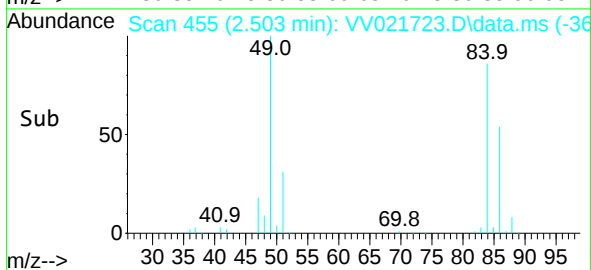
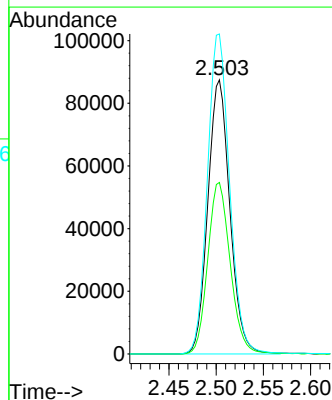
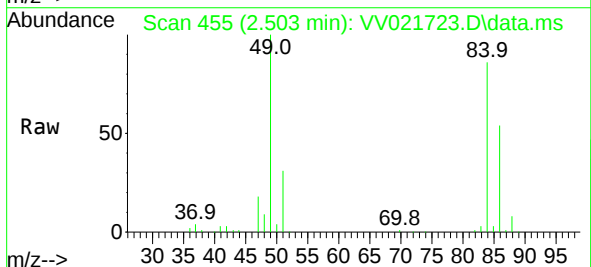
Instrument :
MSVOA_V
ClientSampleId :

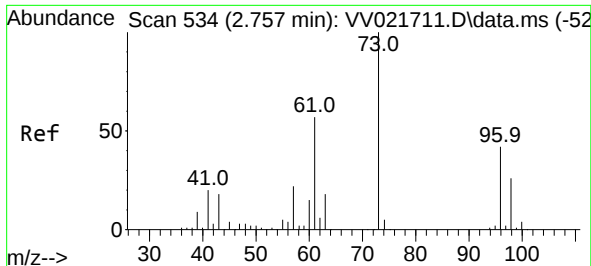
Tgt Ion: 43 Resp: 149178
Ion Ratio Lower Upper
43 100
74 23.1 19.0 28.4



#16
Methylene chloride
Concen: 48.884 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 84 Resp: 141882
Ion Ratio Lower Upper
84 100
86 62.6 44.2 82.2
49 116.7 83.4 155.0

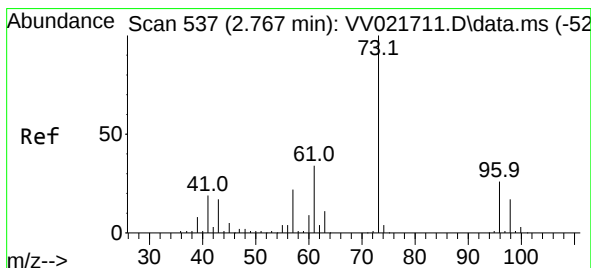
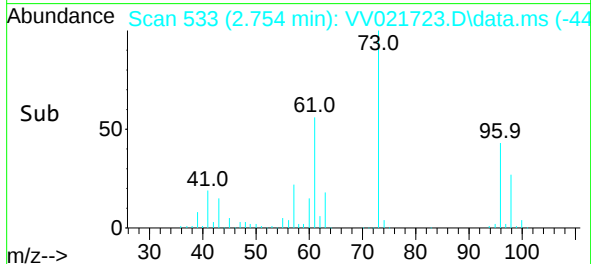
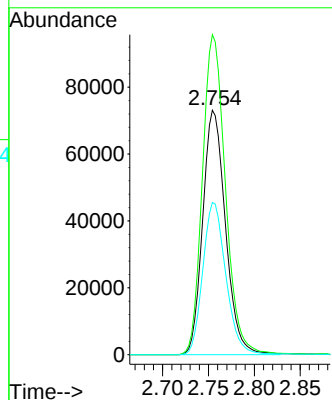
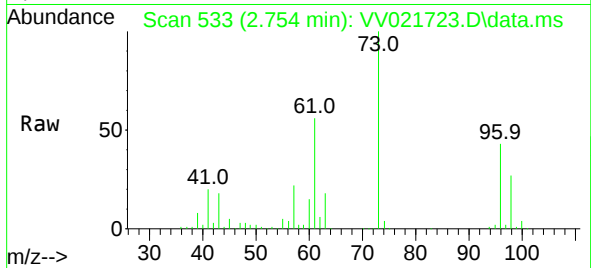




#17
trans-1,2-Dichloroethene
Concen: 50.320 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

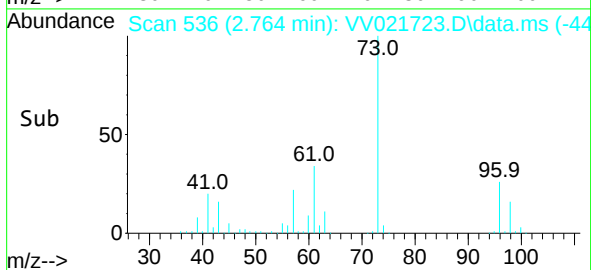
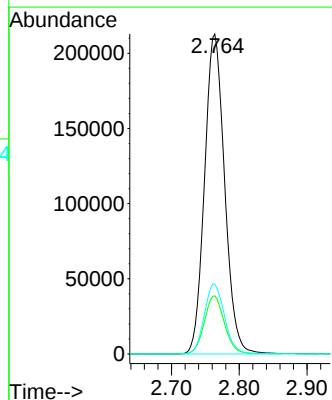
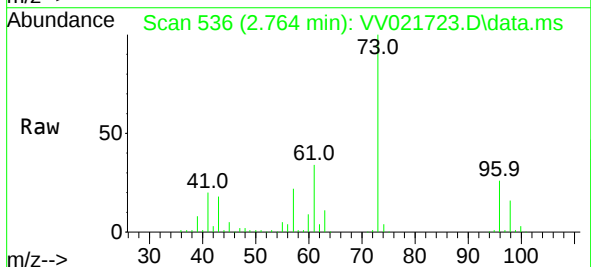
Instrument :
MSVOA_V
ClientSampleId :

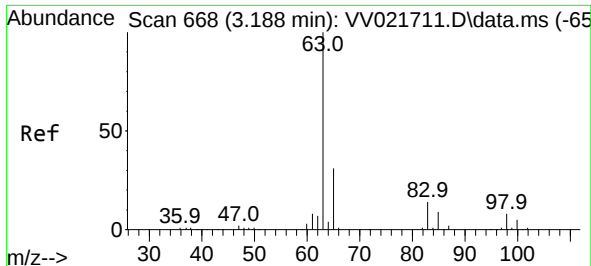
Tgt Ion: 96 Resp: 126584
Ion Ratio Lower Upper
96 100
61 130.9 95.1 176.7
98 62.2 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.424 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 73 Resp: 438067
Ion Ratio Lower Upper
73 100
43 18.0 14.3 21.5
57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 49.943 ug/L

RT: 3.185 min Scan# 667

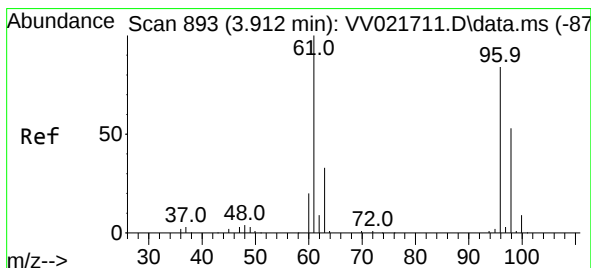
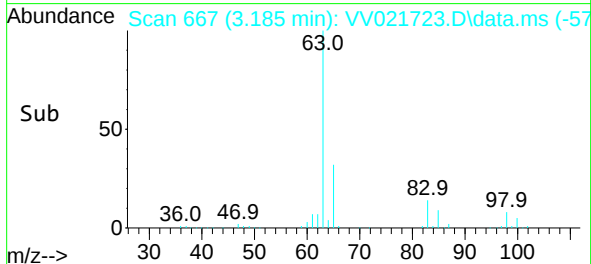
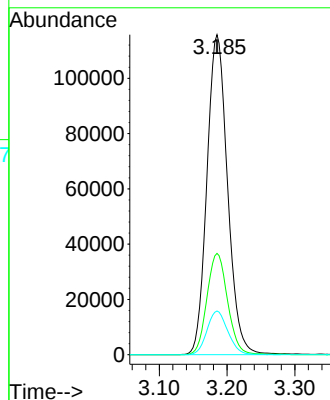
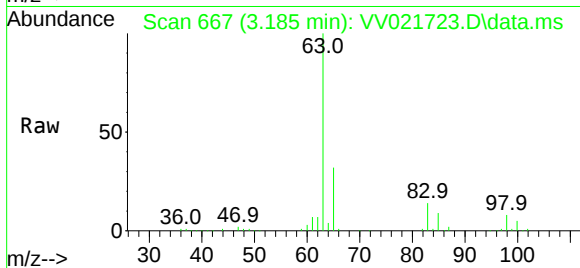
Delta R.T. -0.003 min

Lab File: VV021723.D

Acq: 03 Aug 2021 09:41

Tgt Ion: 63 Resp: 245020

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.0	41.0
83	13.6	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 49.750 ug/L

RT: 3.905 min Scan# 891

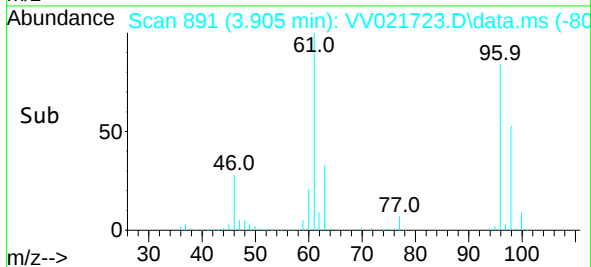
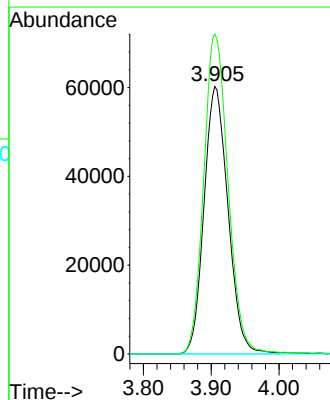
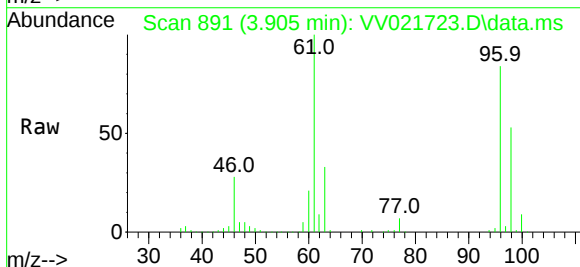
Delta R.T. -0.006 min

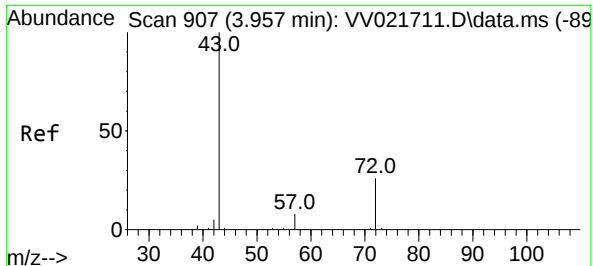
Lab File: VV021723.D

Acq: 03 Aug 2021 09:41

Tgt Ion: 96 Resp: 148185

Ion	Ratio	Lower	Upper
96	100		
61	119.6	84.1	156.3
68	0.0	0.0	0.0

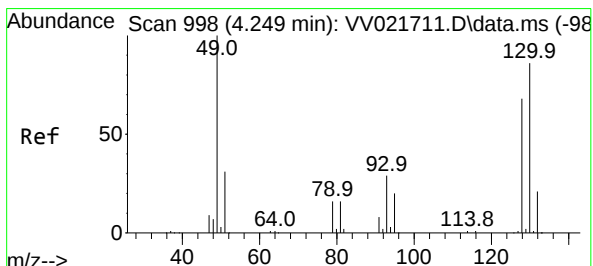
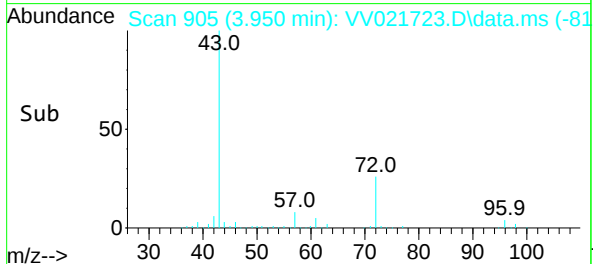
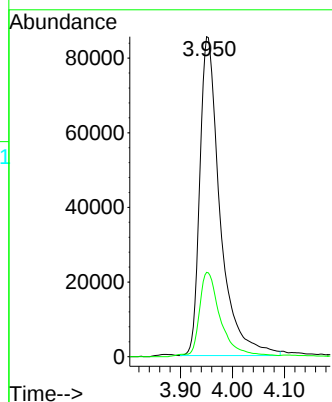
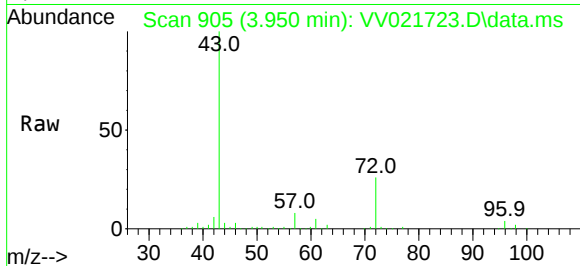




#22
2-Butanone
Concen: 105.622 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.006 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

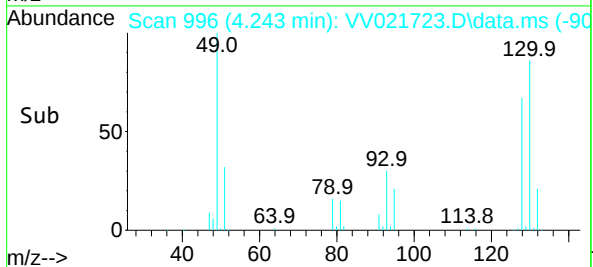
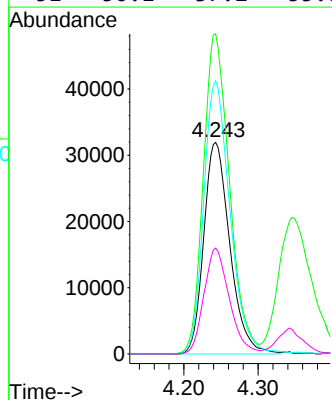
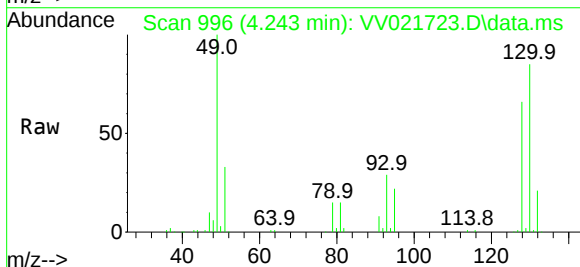
Instrument :
MSVOA_V
ClientSampled :

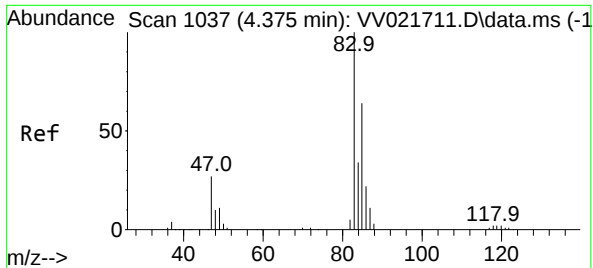
Tgt Ion: 43 Resp: 231739
Ion Ratio Lower Upper
43 100
72 26.7 13.8 41.4



#23
Bromochloromethane
Concen: 48.681 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.006 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 128 Resp: 77900
Ion Ratio Lower Upper
128 100
49 151.3 103.6 192.4
130 129.2 88.8 165.0
51 50.1 37.2 55.8





#25

Chloroform

Concen: 49.919 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VV021723.D

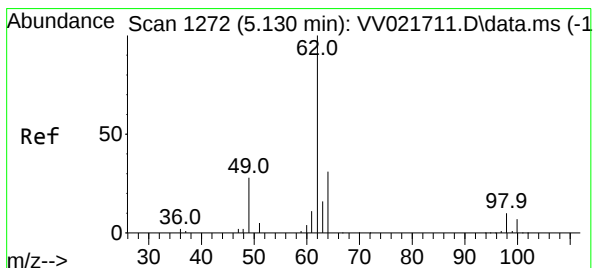
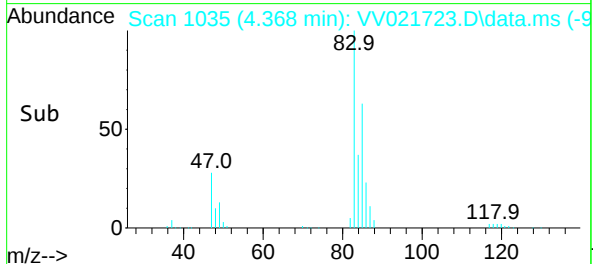
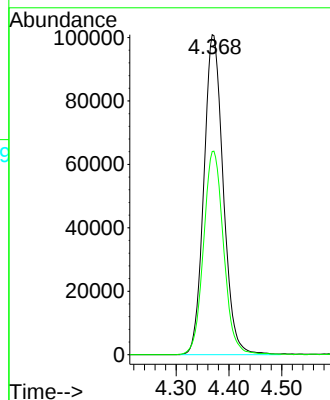
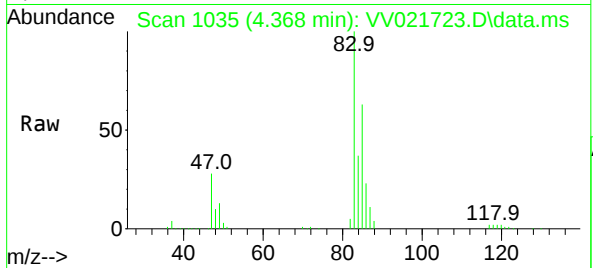
Acq: 03 Aug 2021 09:41

Tgt Ion: 83 Resp: 256950

Ion Ratio Lower Upper

83 100

85 63.5 45.0 83.6



#27

1,2-Dichloroethane

Concen: 49.176 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.006 min

Lab File: VV021723.D

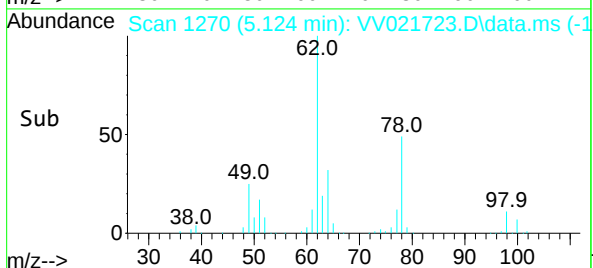
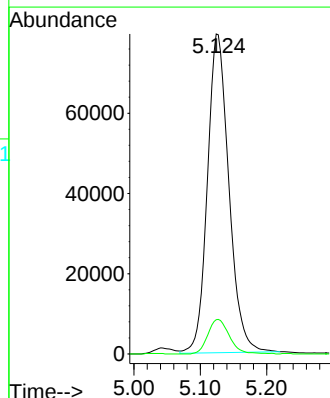
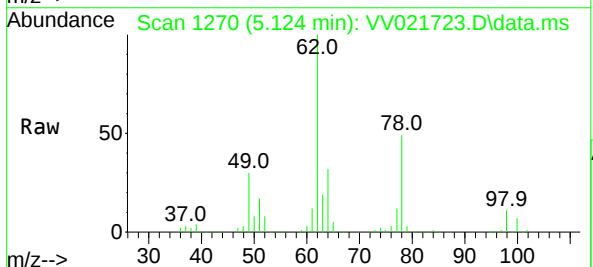
Acq: 03 Aug 2021 09:41

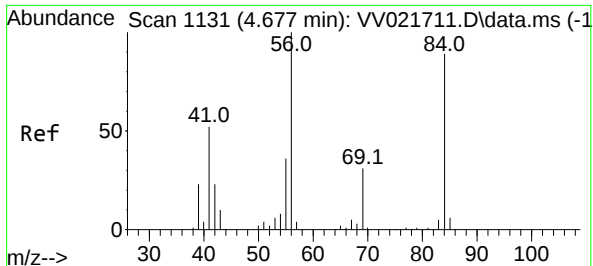
Tgt Ion: 62 Resp: 178956

Ion Ratio Lower Upper

62 100

98 10.7 8.3 12.5





#29

Cyclohexane

Concen: 50.523 ug/L

RT: 4.674 min Scan# 1130

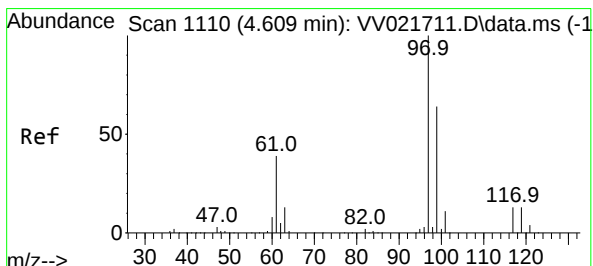
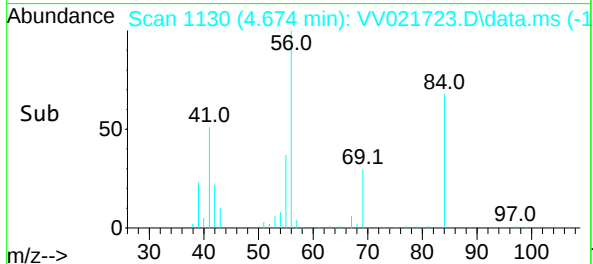
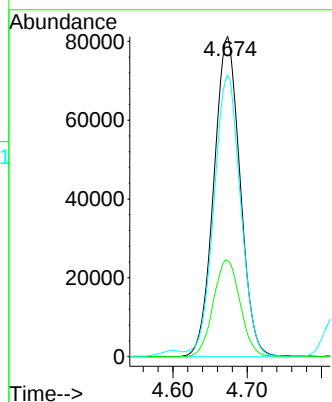
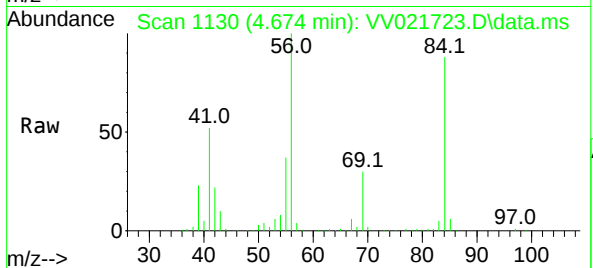
Delta R.T. -0.003 min

Lab File: VV021723.D

Acq: 03 Aug 2021 09:41

Tgt Ion:	56	Resp:	199256
Ion Ratio	Lower	Upper	
56	100		
69	30.9	25.1	37.7
84	88.5	71.7	107.5

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 50.395 ug/L

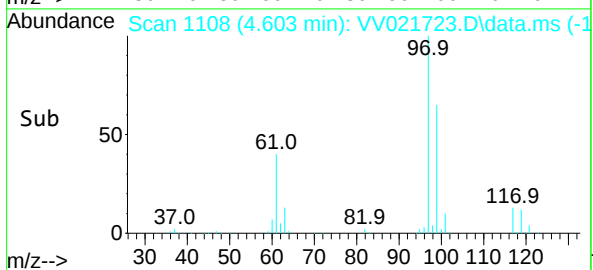
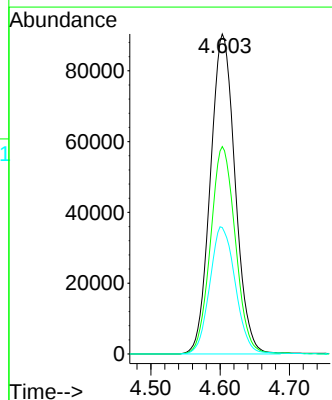
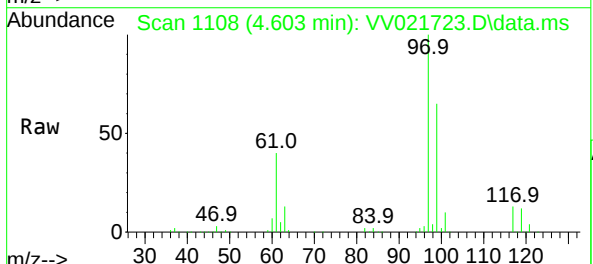
RT: 4.603 min Scan# 1108

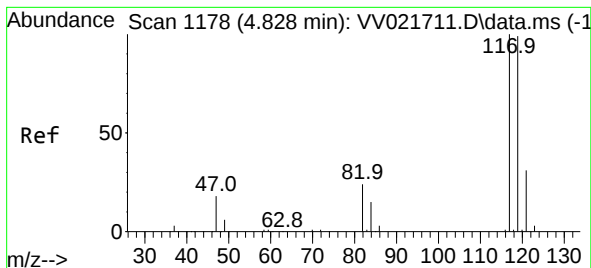
Delta R.T. -0.006 min

Lab File: VV021723.D

Acq: 03 Aug 2021 09:41

Tgt Ion:	97	Resp:	224244
Ion Ratio	Lower	Upper	
97	100		
99	65.1	52.0	78.0
61	41.1	32.6	49.0

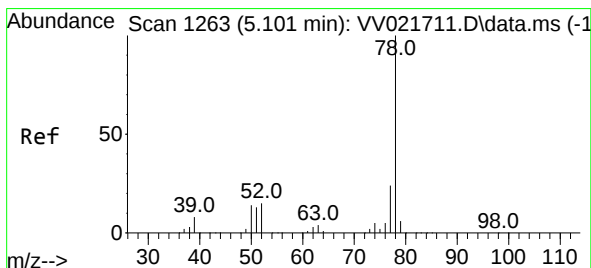
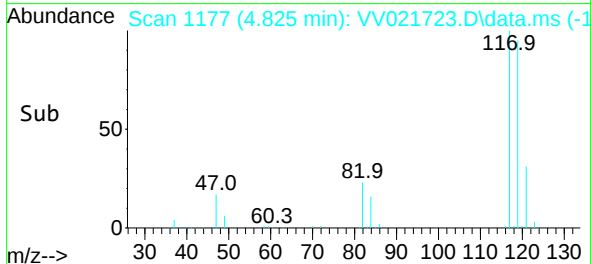
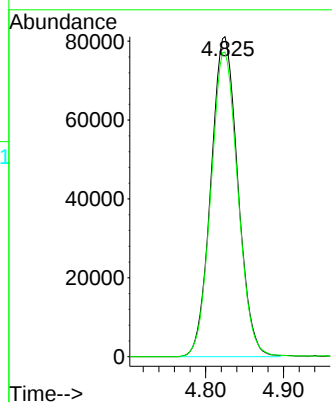
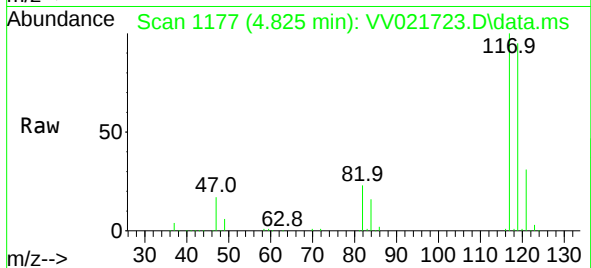




#31
Carbon tetrachloride
Concen: 50.785 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

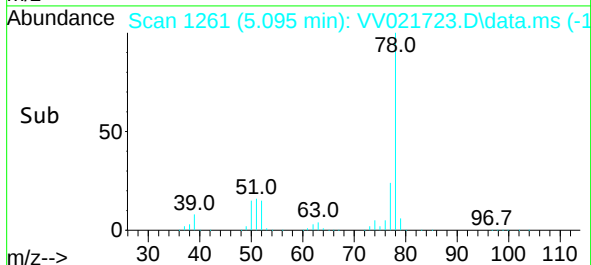
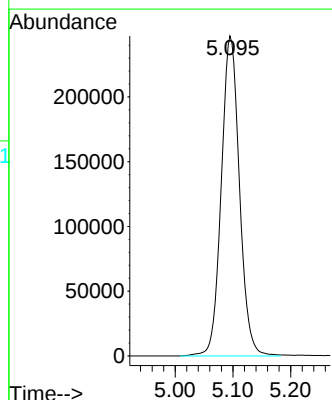
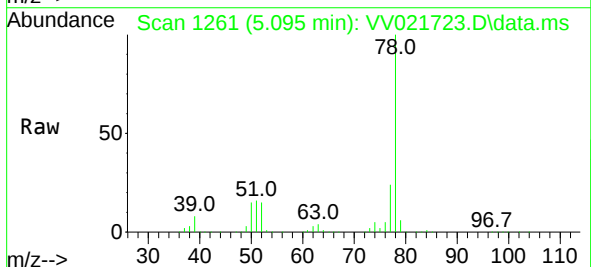
Instrument :
MSVOA_V
ClientSampled :

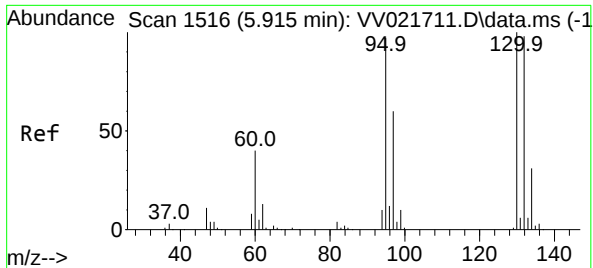
Tgt Ion:117 Resp: 194438
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5



#33
Benzene
Concen: 50.914 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 78 Resp: 539702





#34

Trichloroethene

Concen: 50.017 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV021723.D

Acq: 03 Aug 2021 09:41

Tgt Ion: 95 Resp: 150221

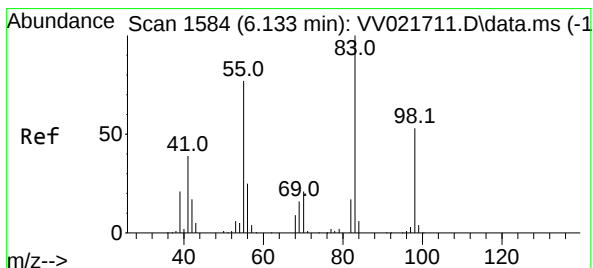
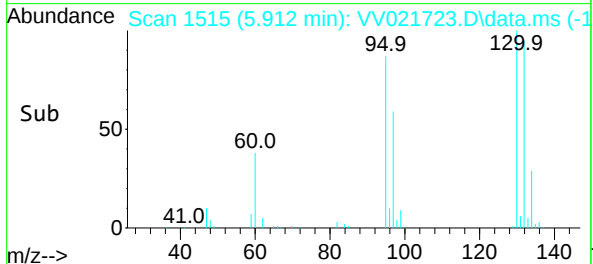
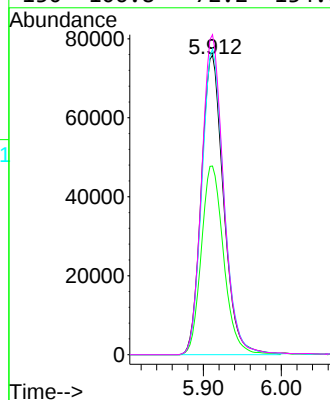
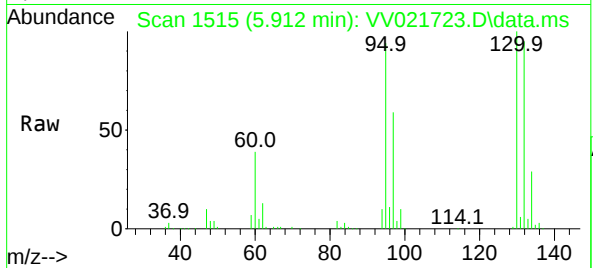
Ion Ratio Lower Upper

95 100

97 63.0 43.5 80.7

132 102.0 70.6 131.2

130 106.8 72.2 134.0



#35

Methylcyclohexane

Concen: 52.553 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.006 min

Lab File: VV021723.D

Acq: 03 Aug 2021 09:41

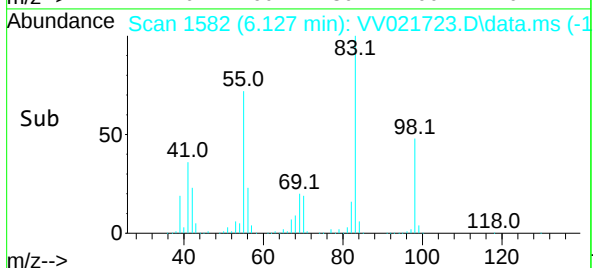
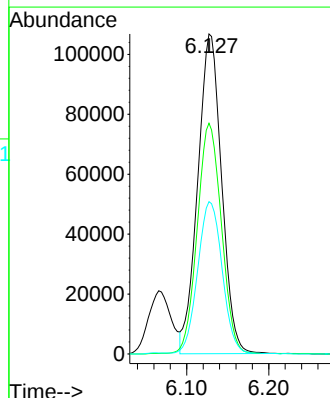
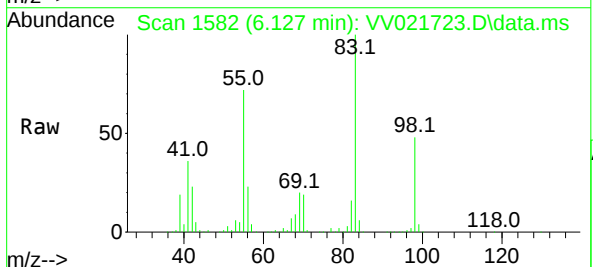
Tgt Ion: 83 Resp: 215183

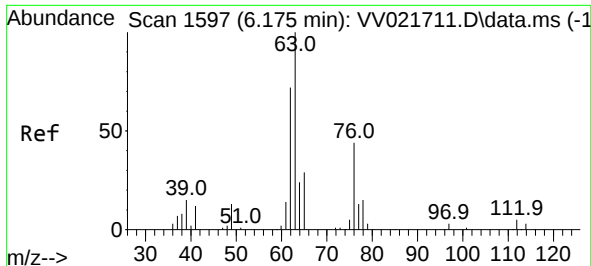
Ion Ratio Lower Upper

83 100

55 72.9 59.1 88.7

98 49.1 40.8 61.2



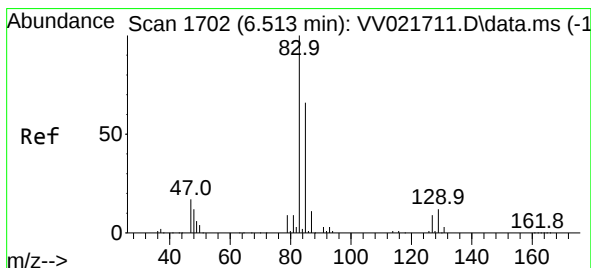
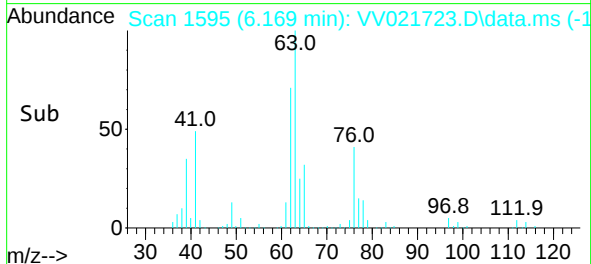
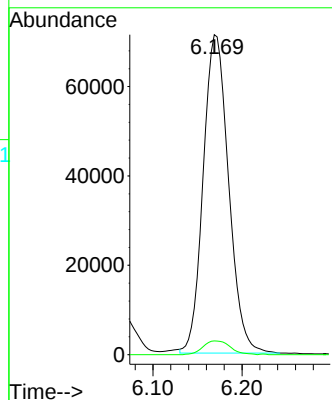
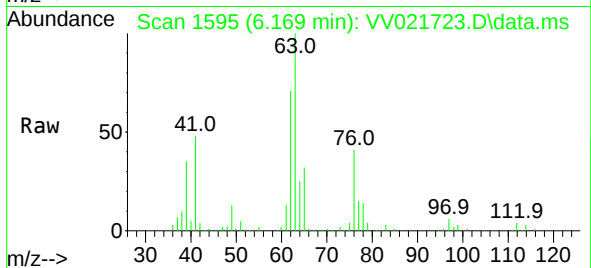


#37

1,2-Dichloropropane
Concen: 49.967 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Instrument :
MSVOA_V
ClientSampleId :

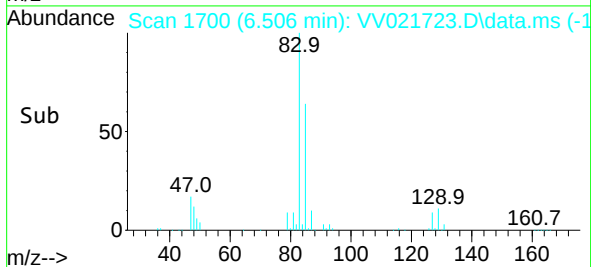
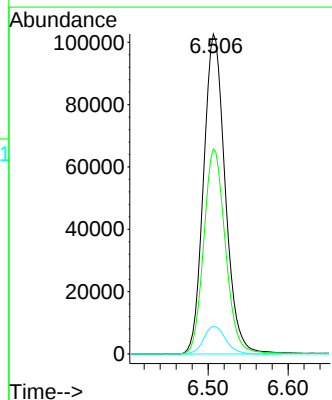
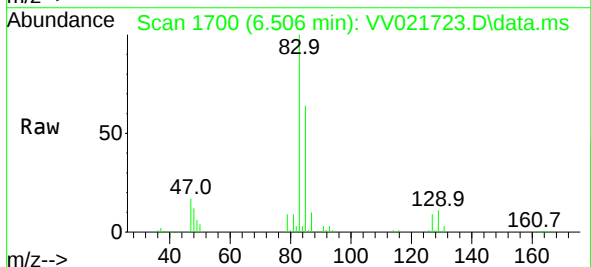
Tgt Ion: 63 Resp: 141127
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8

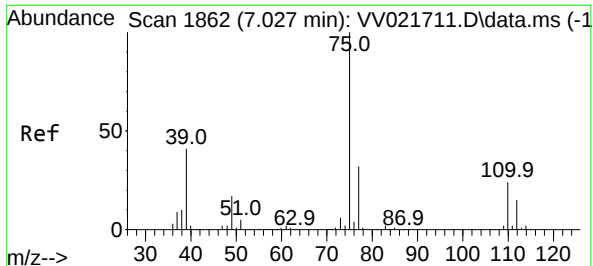


#38

Bromodichloromethane
Concen: 50.103 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 83 Resp: 193226
Ion Ratio Lower Upper
83 100
85 64.1 45.8 85.2
127 8.6 7.1 10.7

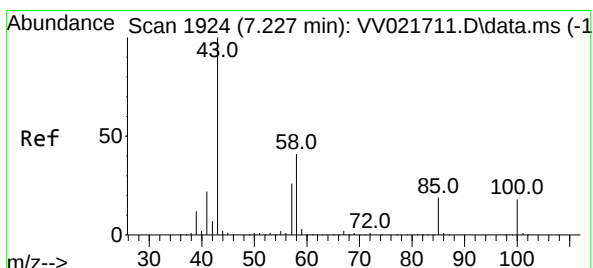
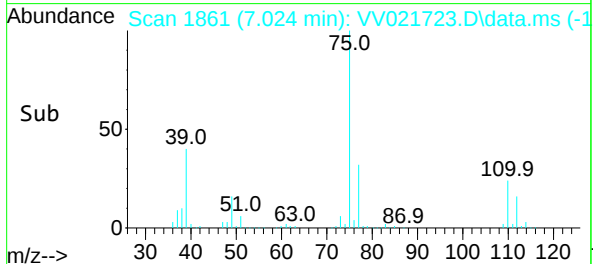
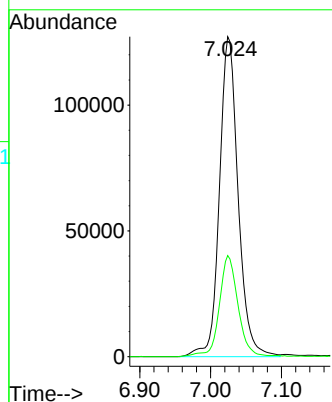
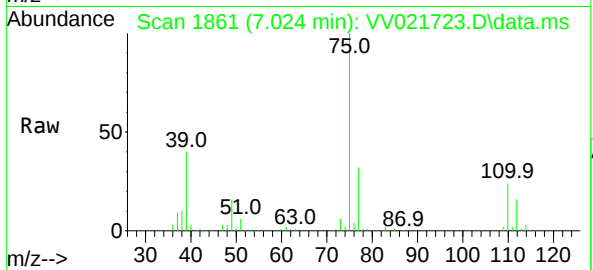




#39
 cis-1,3-Dichloropropene
 Concen: 52.198 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV021723.D
 Acq: 03 Aug 2021 09:41

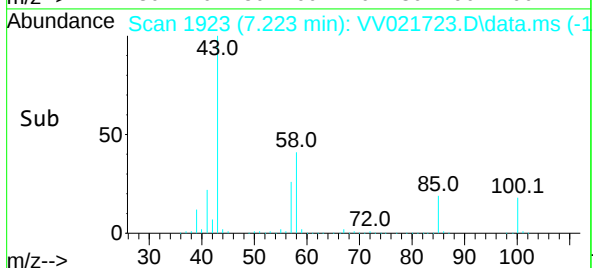
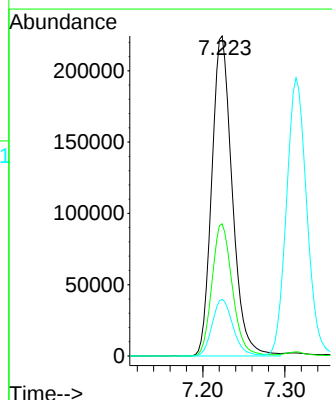
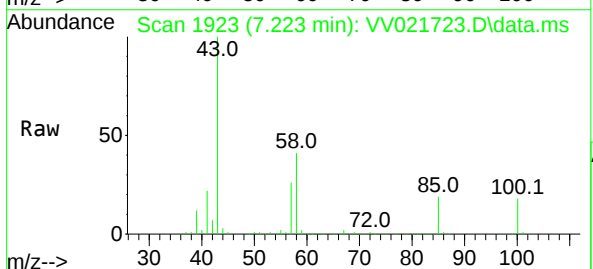
Instrument :
 MSVOA_V
 ClientSampled :

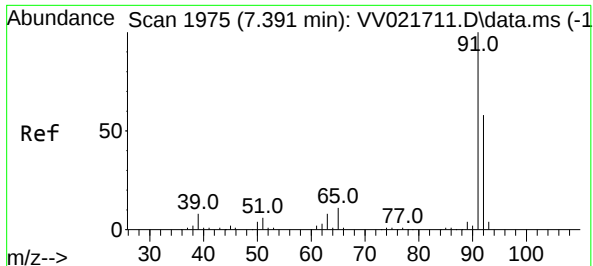
Tgt Ion: 75 Resp: 233610
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 94.741 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV021723.D
 Acq: 03 Aug 2021 09:41

Tgt Ion: 43 Resp: 389821
 Ion Ratio Lower Upper
 43 100
 58 41.2 32.9 49.3
 100 18.0 13.8 20.8

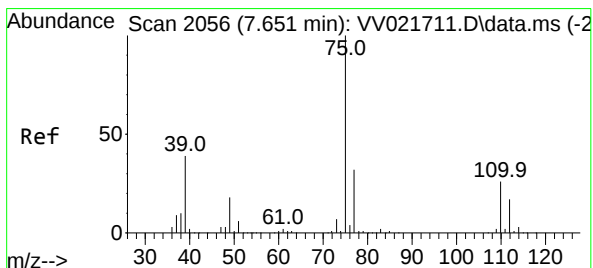
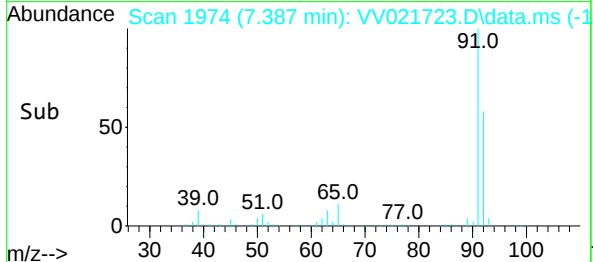
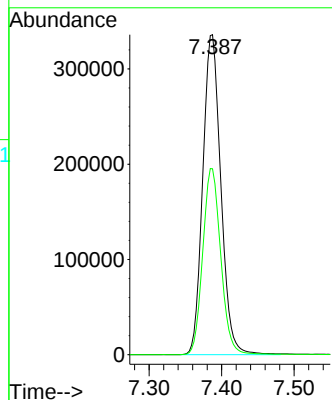
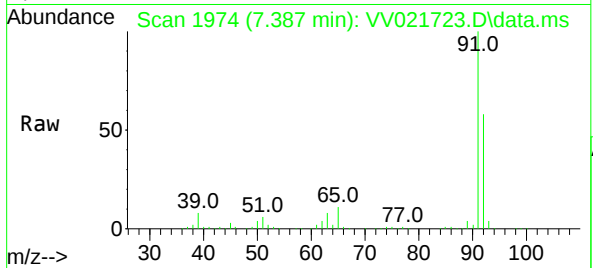




#42
Toluene
Concen: 51.021 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

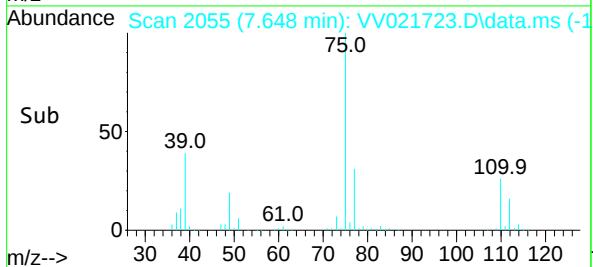
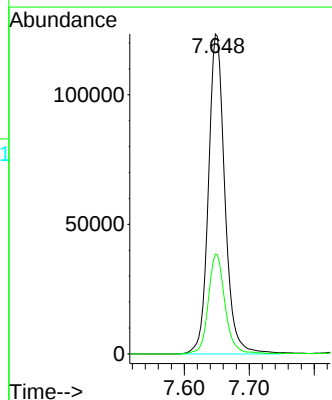
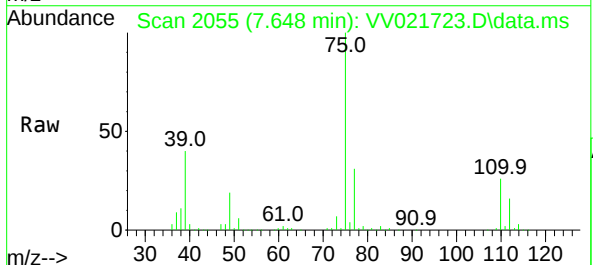
Instrument :
MSVOA_V
ClientSampled :

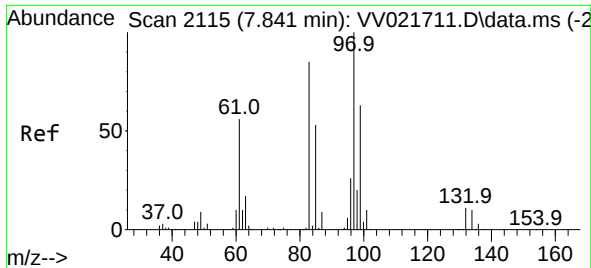
Tgt Ion: 91 Resp: 583122
Ion Ratio Lower Upper
91 100
92 58.1 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 50.660 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 75 Resp: 217336
Ion Ratio Lower Upper
75 100
77 31.2 22.3 41.5





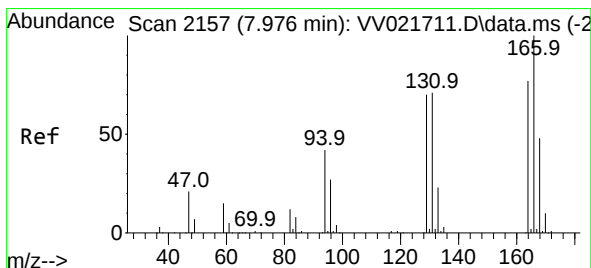
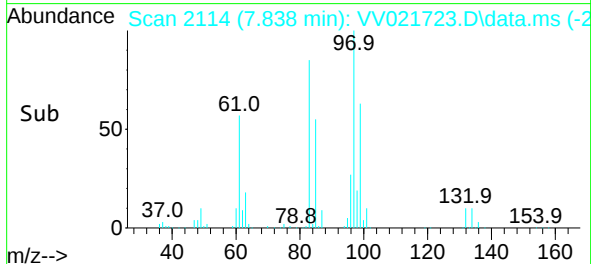
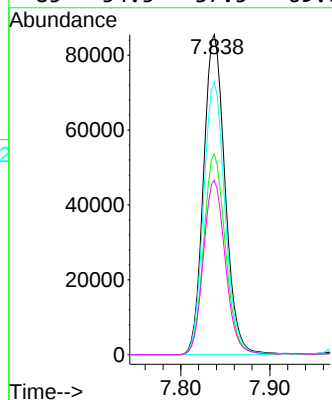
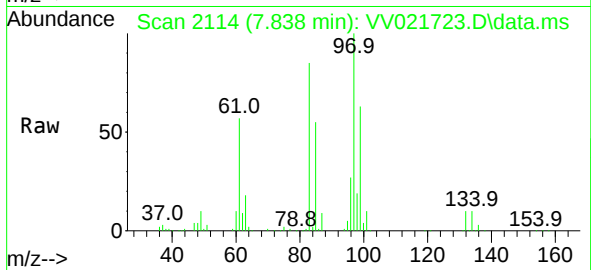
#45

1,1,2-Trichloroethane
Concen: 50.006 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 143831

Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.3
83	85.2	59.3	110.1
85	54.5	37.5	69.6

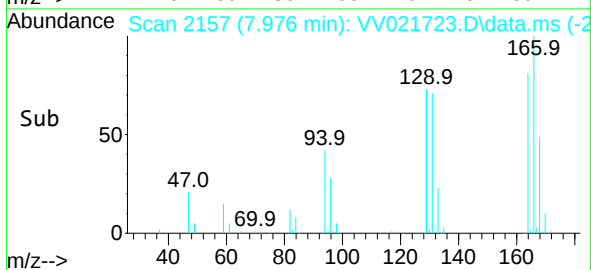
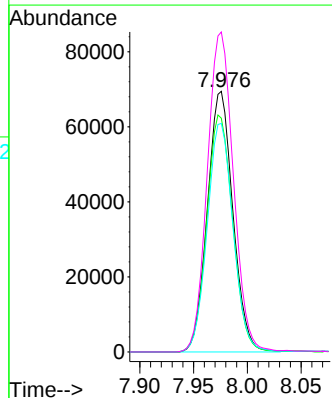
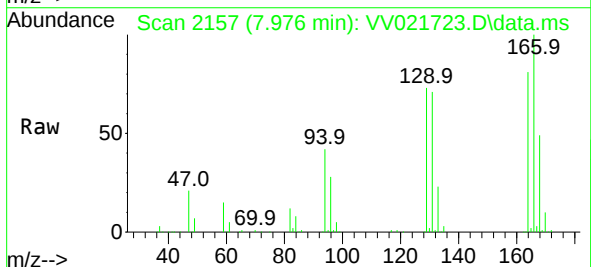


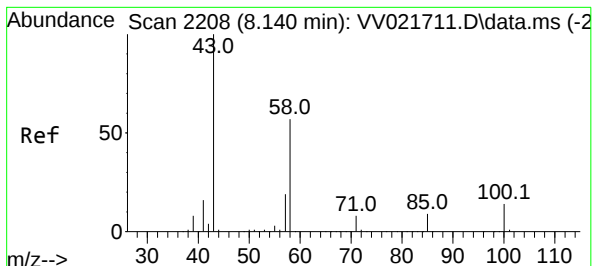
#46

Tetrachloroethene
Concen: 51.795 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 164 Resp: 114959

Ion	Ratio	Lower	Upper
164	100		
129	89.7	64.3	119.5
131	87.7	65.2	121.0
166	122.8	91.4	169.8





#48

2-Hexanone

Concen: 99.463 ug/L

RT: 8.137 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VV021723.D

Acq: 03 Aug 2021 09:41

Tgt Ion: 43 Resp: 313671

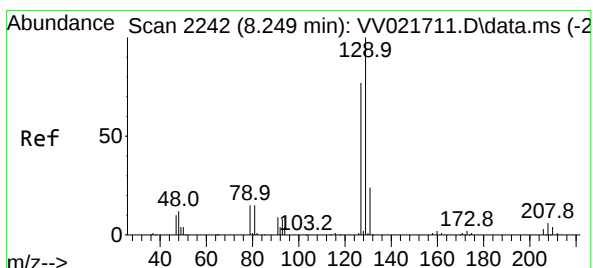
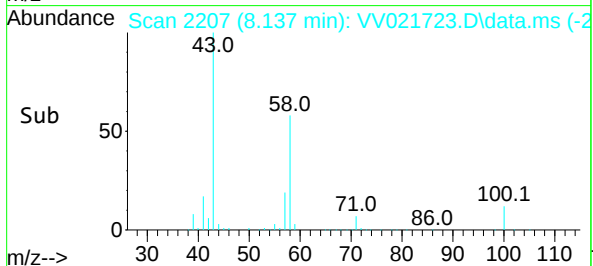
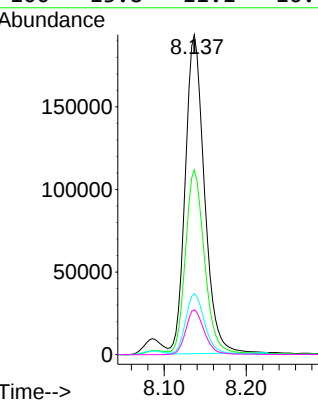
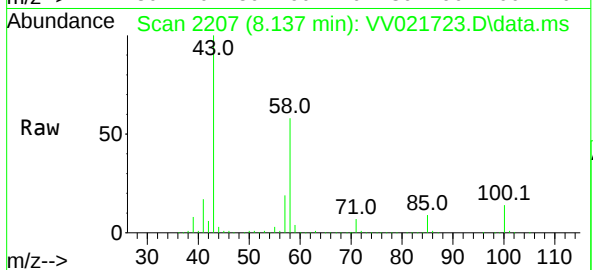
Ion Ratio Lower Upper

43 100

58 57.3 46.0 69.0

57 19.2 15.0 22.4

100 13.8 11.1 16.7



#49

Dibromochloromethane

Concen: 49.207 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV021723.D

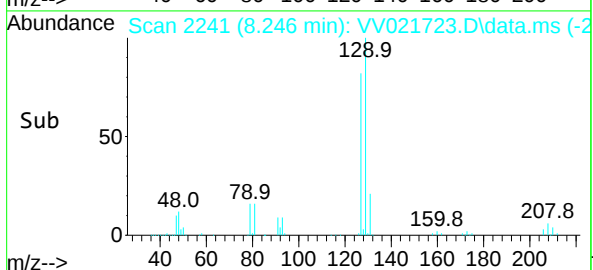
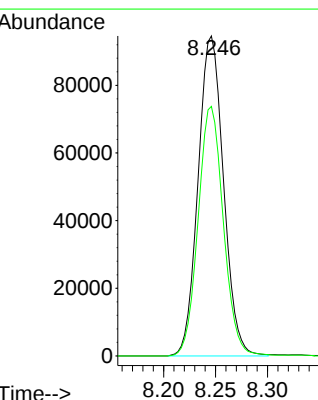
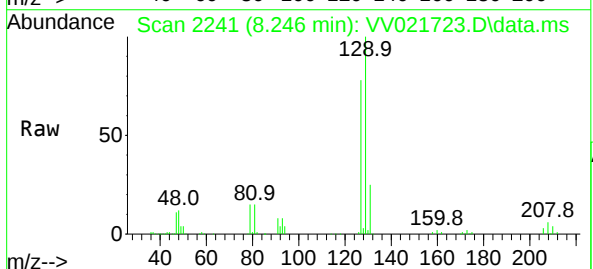
Acq: 03 Aug 2021 09:41

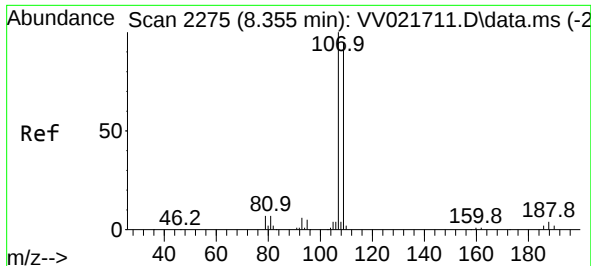
Tgt Ion: 129 Resp: 161204

Ion Ratio Lower Upper

129 100

127 78.0 54.0 100.2





#50

1,2-Dibromoethane

Concen: 49.273 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.003 min

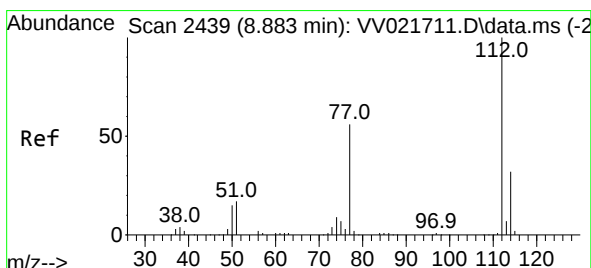
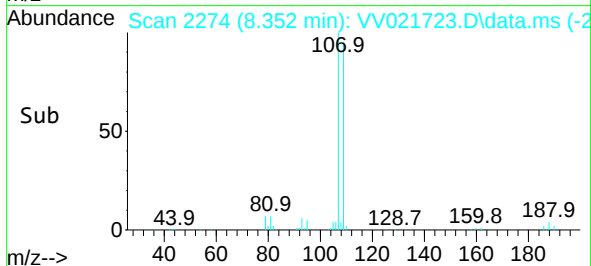
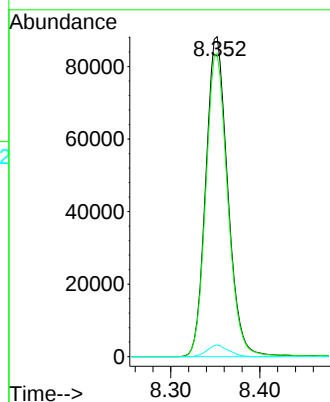
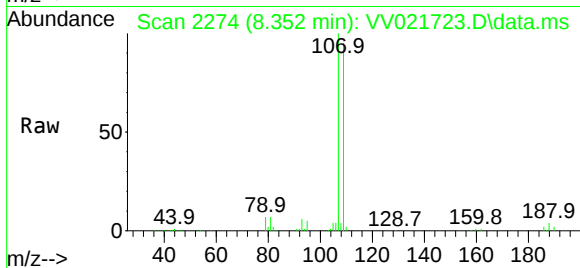
Lab File: VV021723.D

Acq: 03 Aug 2021 09:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 150584

Ion	Ratio	Lower	Upper
107	100		
109	94.7	66.2	123.0
188	3.6	3.1	4.7



#51

Chlorobenzene

Concen: 50.230 ug/L

RT: 8.879 min Scan# 2438

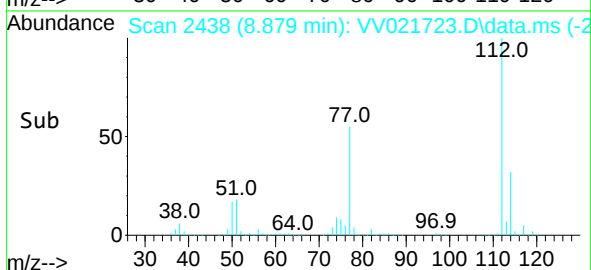
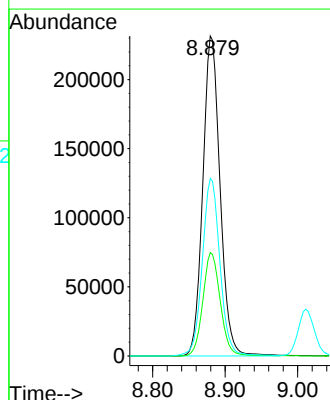
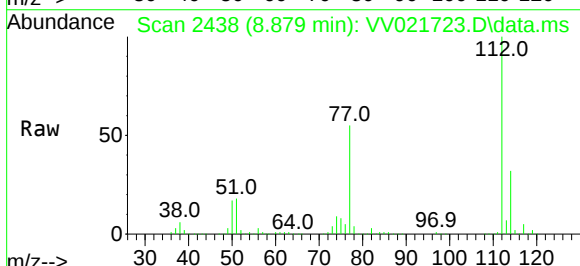
Delta R.T. -0.003 min

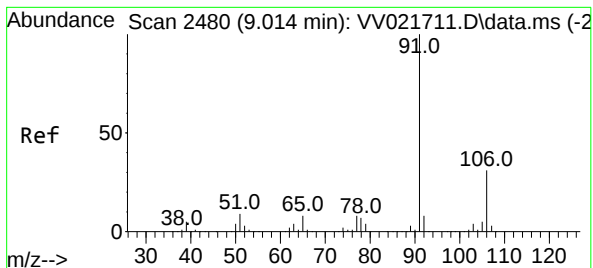
Lab File: VV021723.D

Acq: 03 Aug 2021 09:41

Tgt Ion:112 Resp: 383595

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.6	42.0
77	55.4	45.0	67.4





#52

Ethylbenzene

Concen: 51.109 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV021723.D

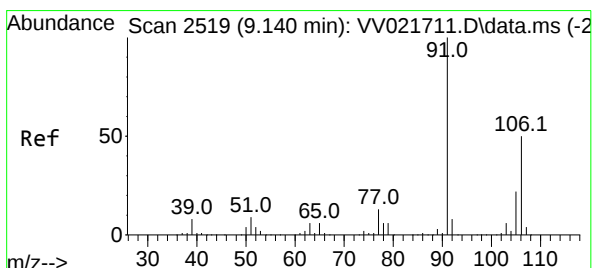
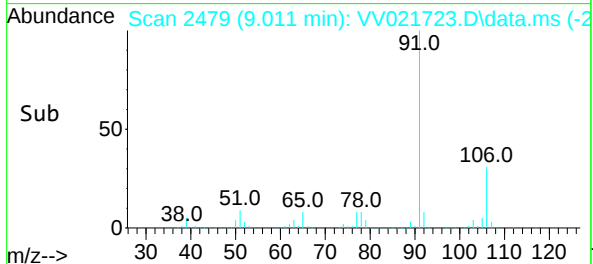
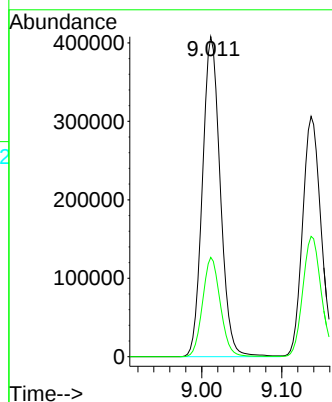
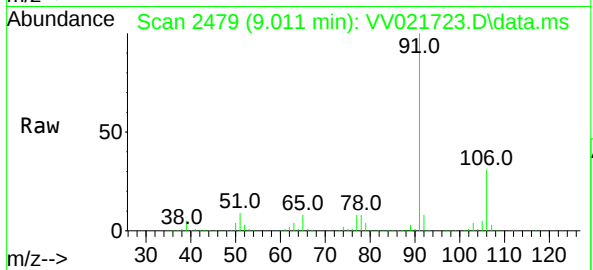
Acq: 03 Aug 2021 09:41

Tgt Ion: 91 Resp: 634219

Ion Ratio Lower Upper

91 100

106 31.0 22.0 40.8



#53

m,p-Xylene

Concen: 51.324 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV021723.D

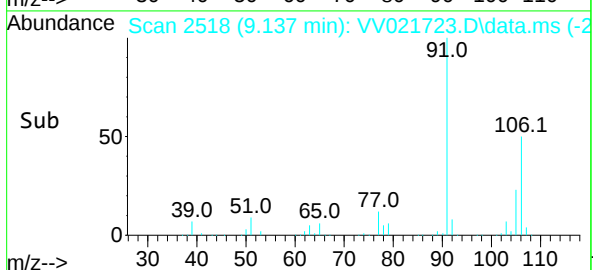
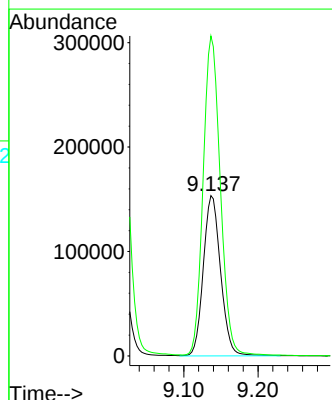
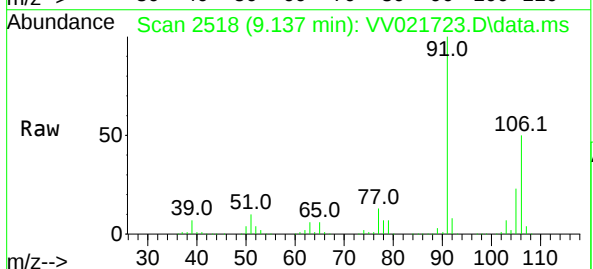
Acq: 03 Aug 2021 09:41

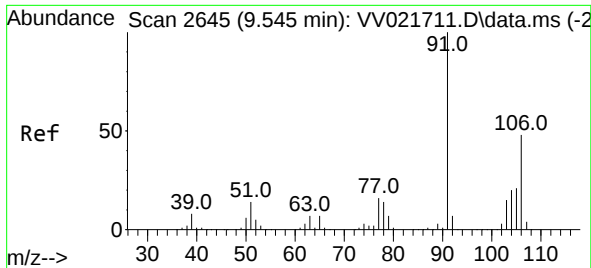
Tgt Ion: 106 Resp: 247197

Ion Ratio Lower Upper

106 100

91 199.6 138.9 258.1

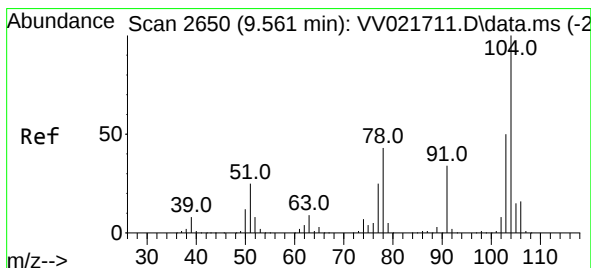
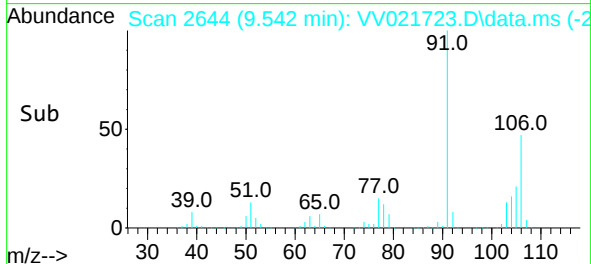
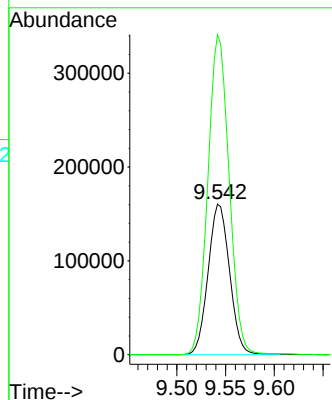
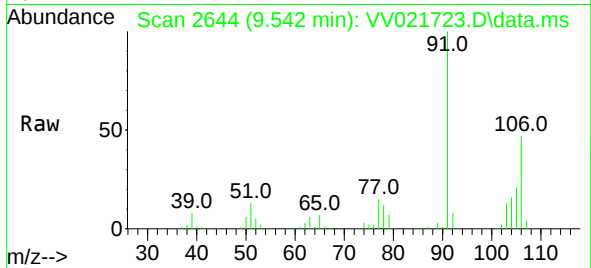




#54
o-Xylene
Concen: 50.719 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

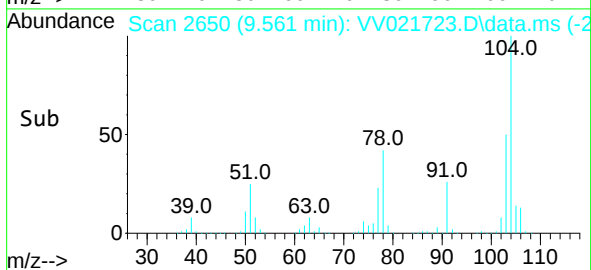
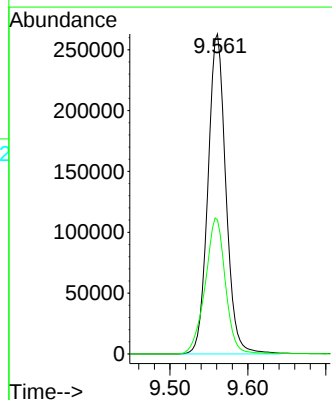
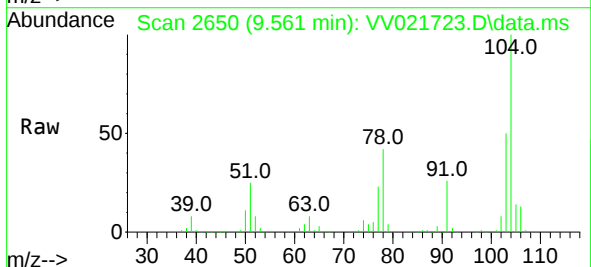
Instrument :
MSVOA_V
ClientSampled :

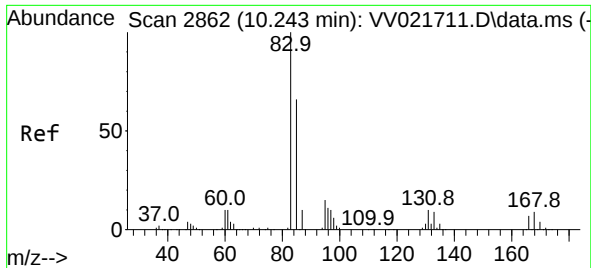
Tgt Ion:106 Resp: 245821
Ion Ratio Lower Upper
106 100
91 212.5 147.4 273.8



#55
Styrene
Concen: 51.809 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion:104 Resp: 420705
Ion Ratio Lower Upper
104 100
78 41.9 30.0 55.8

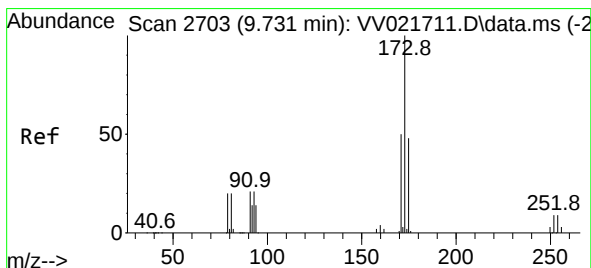
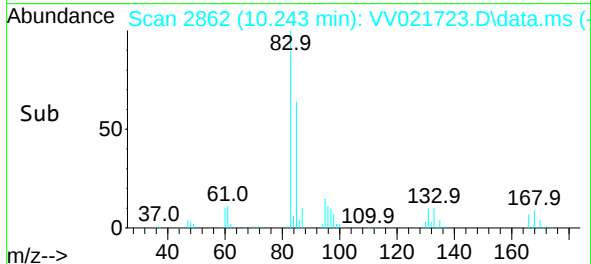
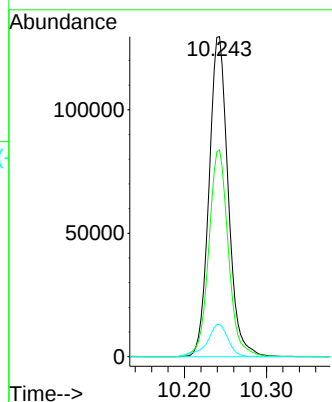
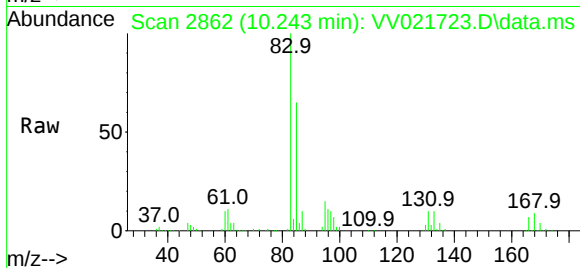




#57
1,1,2,2-Tetrachloroethane
Concen: 49.060 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

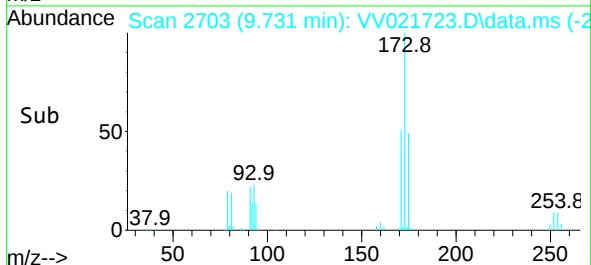
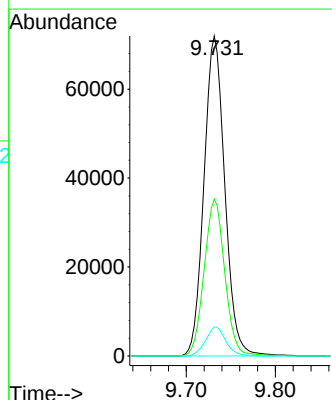
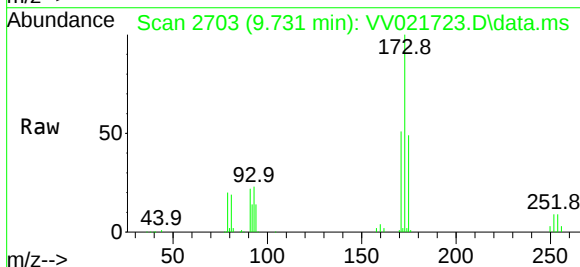
Instrument :
MSVOA_V
ClientSampled :

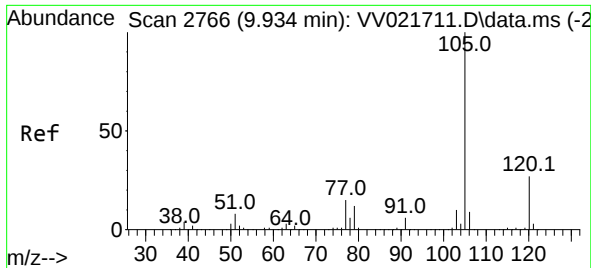
Tgt Ion: 83 Resp: 210630
Ion Ratio Lower Upper
83 100
85 64.6 46.0 85.4
131 10.1 8.1 12.1



#59
Bromoform
Concen: 49.164 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 173 Resp: 116682
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 8.8 7.2 10.8

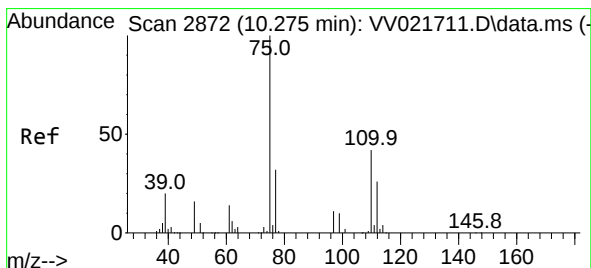
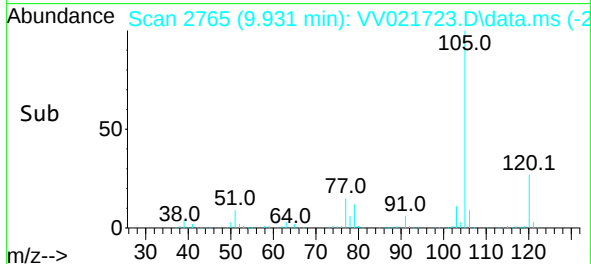
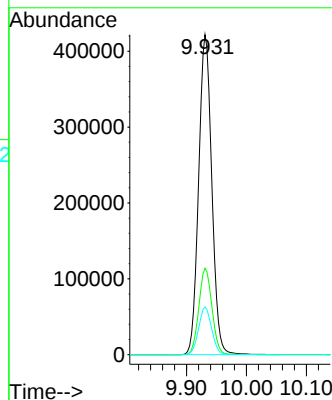
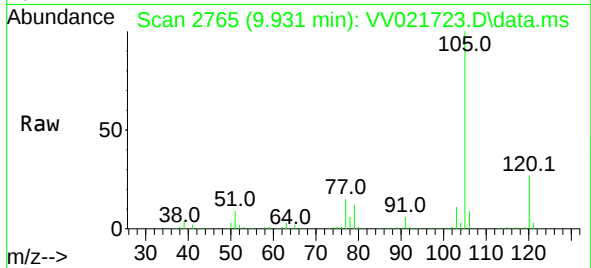




#60
Isopropylbenzene
Concen: 50.821 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

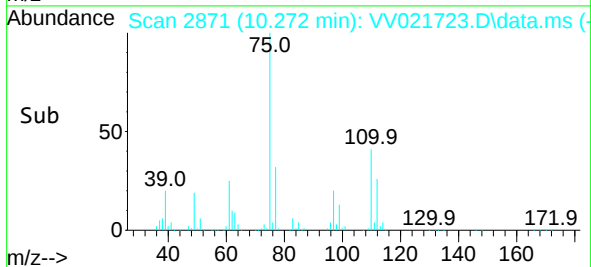
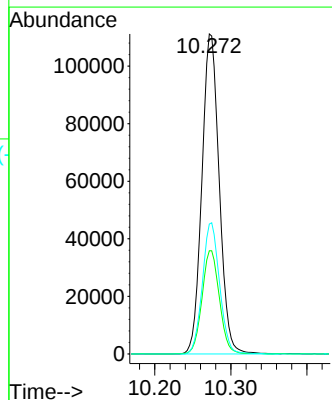
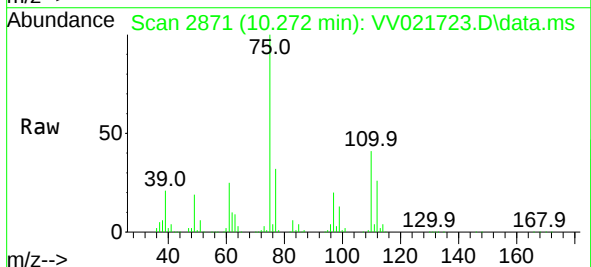
Instrument :
MSVOA_V
ClientSampleId :

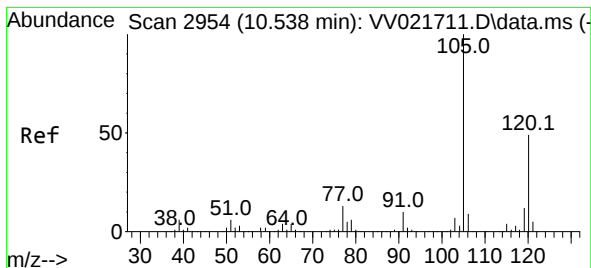
Tgt Ion:105 Resp: 644308
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 48.314 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 75 Resp: 176225
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 40.6 33.8 50.6





#62

1,3,5-Trimethylbenzene

Concen: 50.839 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV021723.D

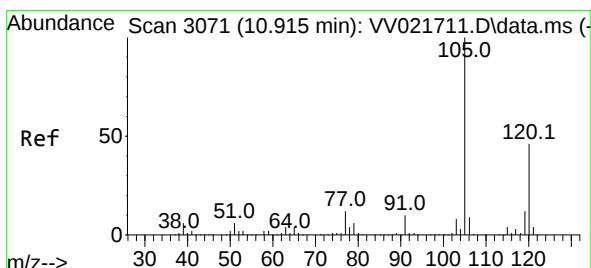
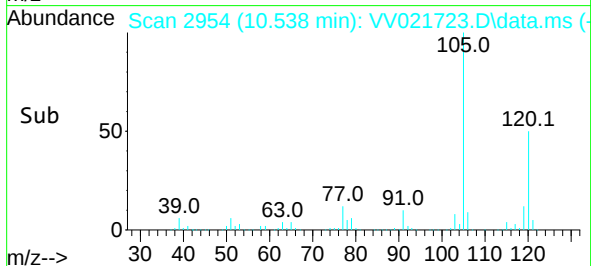
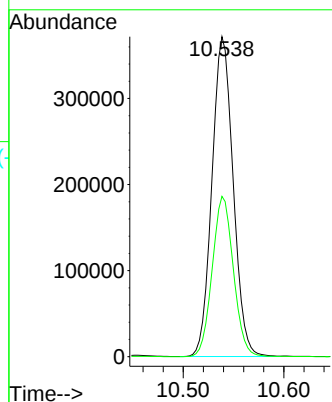
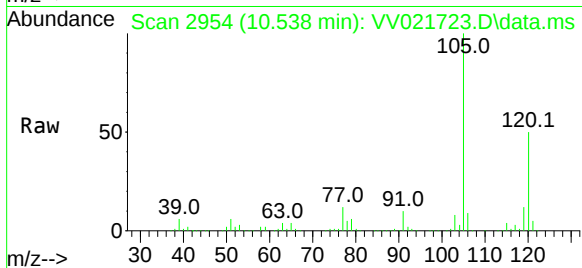
Acq: 03 Aug 2021 09:41

Tgt Ion:105 Resp: 545728

Ion Ratio Lower Upper

105 100

120 50.0 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 50.770 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV021723.D

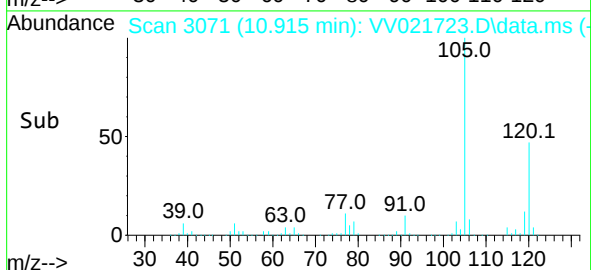
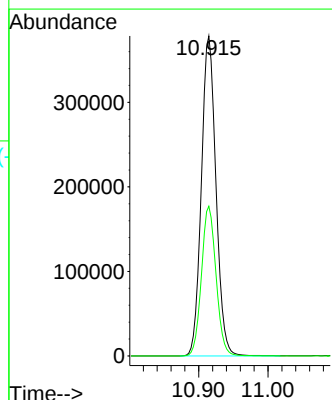
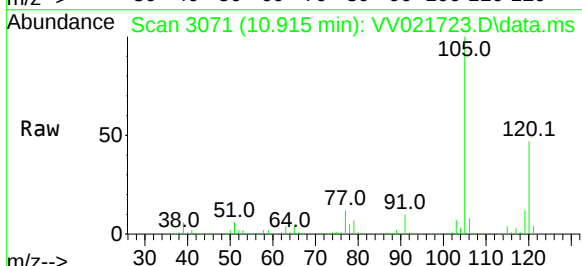
Acq: 03 Aug 2021 09:41

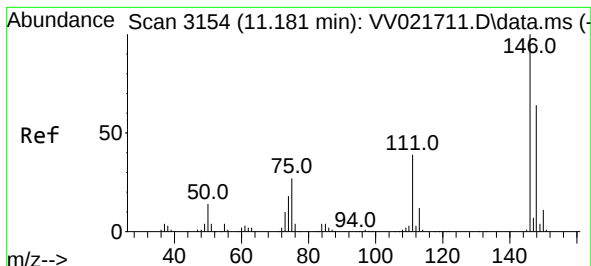
Tgt Ion:105 Resp: 554630

Ion Ratio Lower Upper

105 100

120 46.7 37.0 55.6

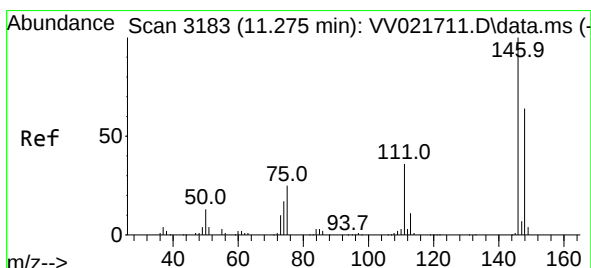
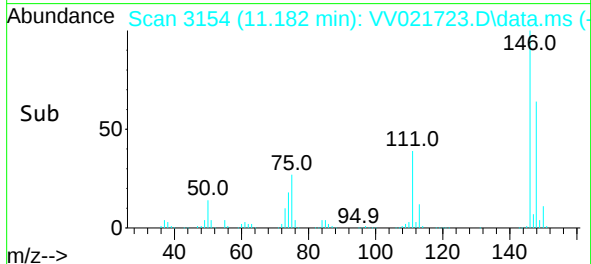
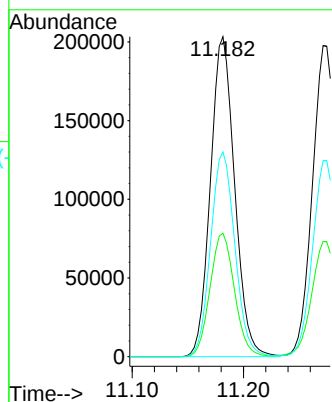
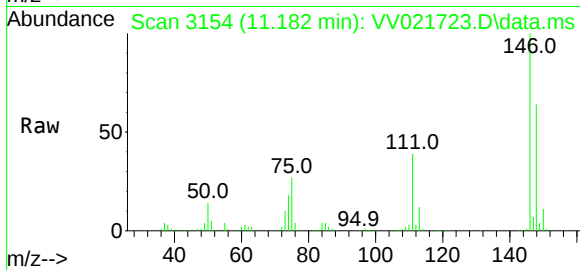




#64
1,3-Dichlorobenzene
Concen: 50.297 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

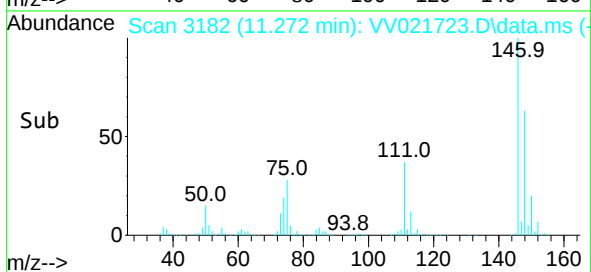
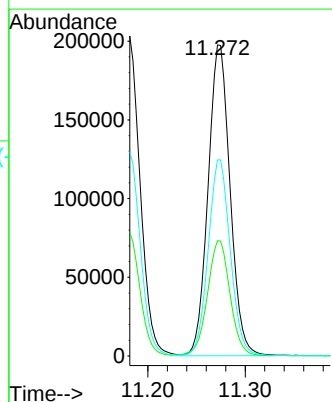
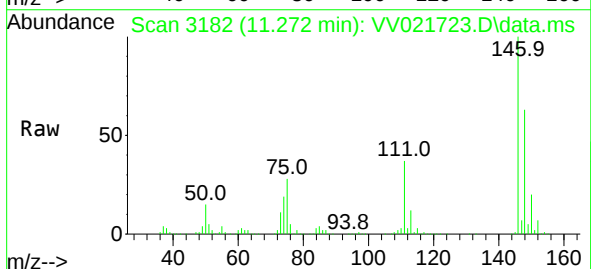
Instrument :
MSVOA_V
ClientSampleId :

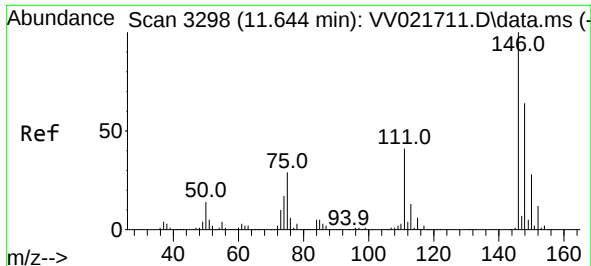
Tgt Ion:146 Resp: 307270
Ion Ratio Lower Upper
146 100
111 38.6 27.3 50.7
148 64.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 50.508 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion:146 Resp: 310502
Ion Ratio Lower Upper
146 100
111 37.0 25.6 47.4
148 63.0 44.7 82.9

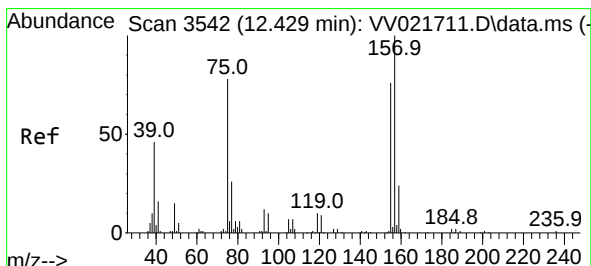
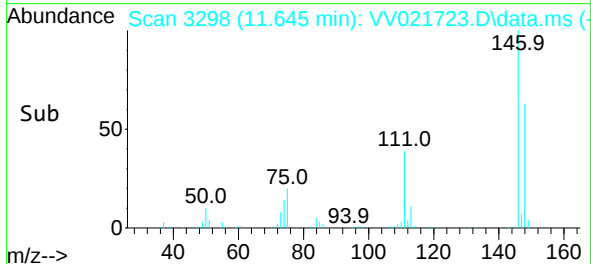
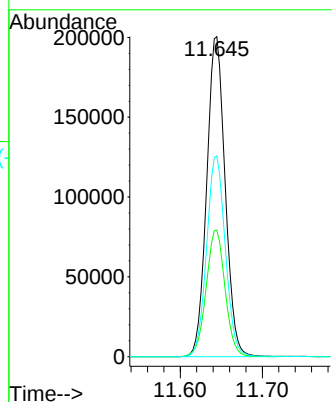
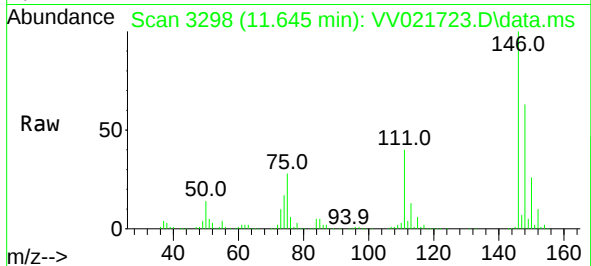




#67
1,2-Dichlorobenzene
Concen: 50.161 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

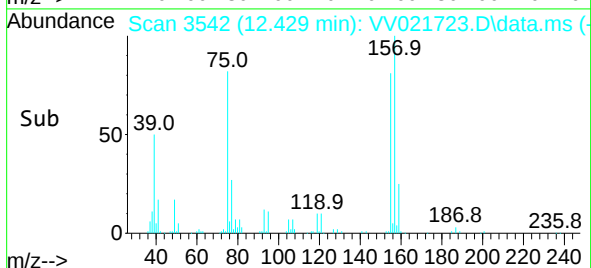
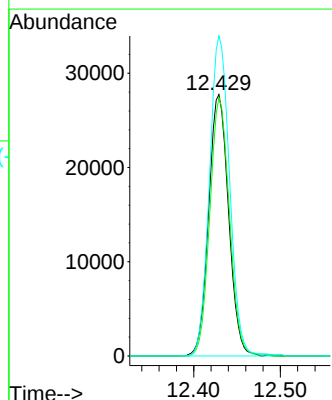
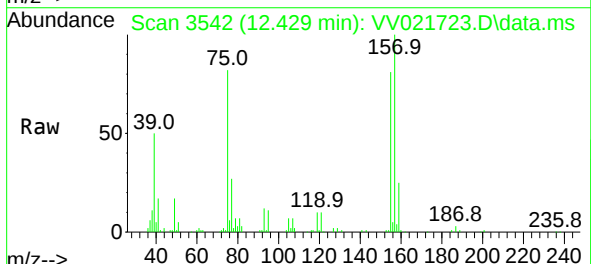
Instrument :
MSVOA_V
ClientSampleId :

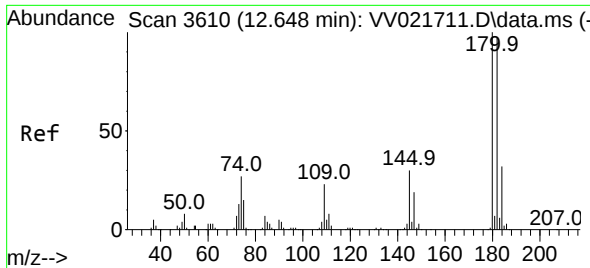
Tgt Ion:146 Resp: 313021
Ion Ratio Lower Upper
146 100
111 39.6 32.5 48.7
148 62.7 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 46.324 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion: 75 Resp: 44481
Ion Ratio Lower Upper
75 100
155 98.7 77.7 116.5
157 122.4 102.6 154.0

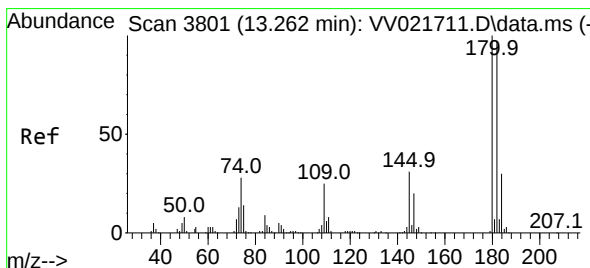
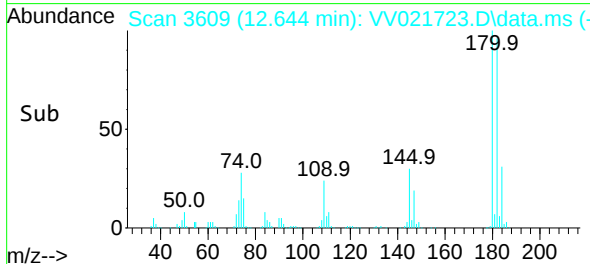
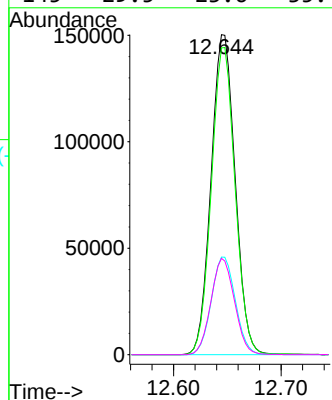
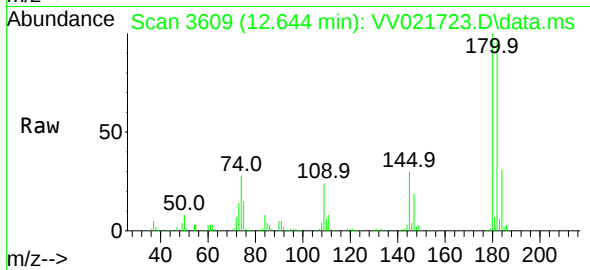




#69
1,3,5-Trichlorobenzene
Concen: 51.315 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

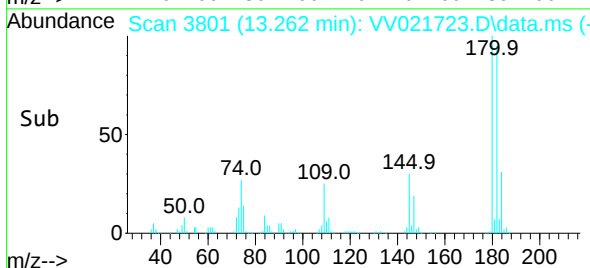
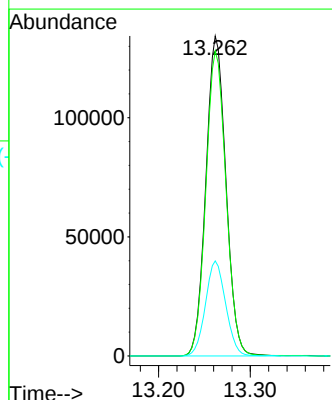
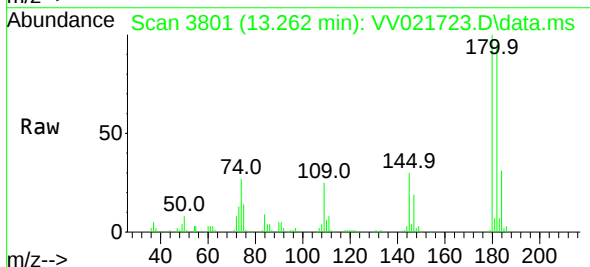
Instrument :
MSVOA_V
ClientSampleId :

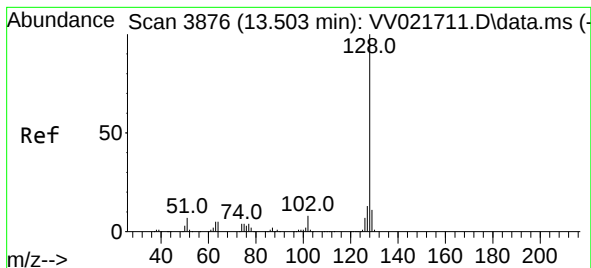
Tgt Ion:180	Resp: 233279
Ion Ratio	Lower Upper
180	100
182	94.9 77.1 115.7
184	30.6 24.6 36.8
145	29.5 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 53.165 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion:180	Resp: 203761
Ion Ratio	Lower Upper
180	100
182	96.0 76.3 114.5
145	30.0 24.1 36.1

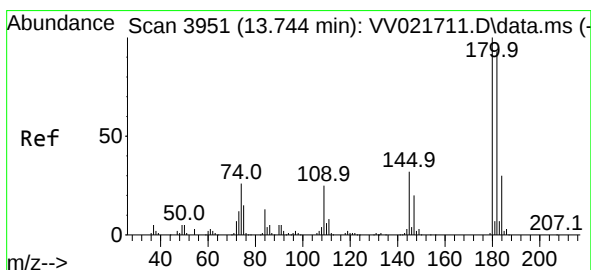
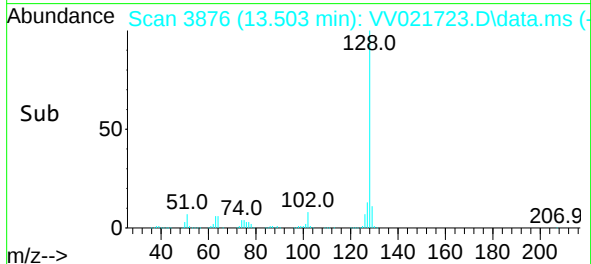
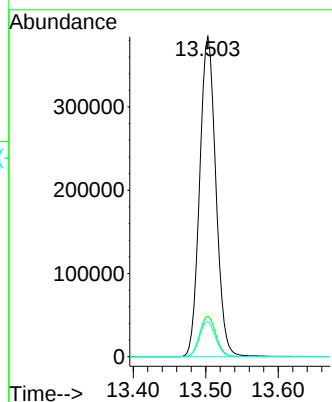
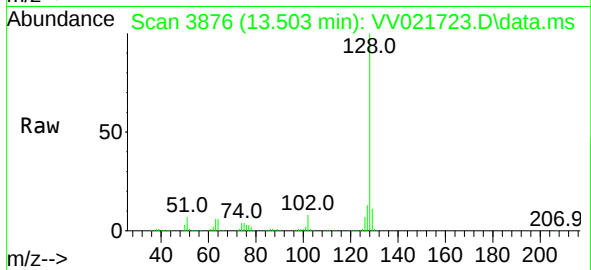




#71
Naphthalene
Concen: 53.861 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 597610
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 53.845 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021723.D
Acq: 03 Aug 2021 09:41

Tgt Ion:180 Resp: 205051
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
145 31.9 25.5 38.3

