

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081821\
 Data File : VW021853.D
 Acq On : 18 Aug 2021 09:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 01:11:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	405090	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	379820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	205186	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	162616	51.350	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.700%	
7) Chloroethane-d5	1.558	69	124428	52.066	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	104.140%	
11) 1,1-Dichloroethene-d2	2.105	63	241195	47.847	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.700%	
21) 2-Butanone-d5	3.867	46	218043	110.705	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	110.710%	
24) Chloroform-d	4.342	84	290941	53.027	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.060%	
26) 1,2-Dichloroethane-d4	5.027	65	168090	53.260	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.520%	
32) Benzene-d6	5.047	84	591472	54.153	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	108.300%	
36) 1,2-Dichloropropane-d6	6.066	67	182511	53.659	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	107.320%	
41) Toluene-d8	7.313	98	552073	54.686	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	109.380%	
43) trans-1,3-Dichloroprop...	7.619	79	86417	51.625	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	103.260%	
47) 2-Hexanone-d5	8.085	63	133506	119.760	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	119.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	243726	57.824	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	115.640%	
66) 1,2-Dichlorobenzene-d4	11.625	152	222429	52.381	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	104.760%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	160140	51.098	ug/L	100
3) Chloromethane	1.240	50	166994	51.309	ug/L	99
5) Vinyl chloride	1.307	62	165581	51.666	ug/L	99
6) Bromomethane	1.507	94	106209	55.136	ug/L	100
8) Chloroethane	1.577	64	101260	52.874	ug/L	99
9) Trichlorofluoromethane	1.748	101	231789	52.786	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	123141	48.981	ug/L	99
12) 1,1-Dichloroethene	2.114	96	113874	47.554	ug/L	94
13) Acetone	2.156	43	194054	119.741	ug/L #	100
14) Carbon disulfide	2.288	76	416805	51.731	ug/L	98
15) Methyl Acetate	2.423	43	169856	57.051	ug/L	98
16) Methylene chloride	2.503	84	165135	49.578	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	152732	54.355	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	468958	54.267	ug/L	99
19) 1,1-Dichloroethane	3.185	63	268593	53.698	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	166895	51.292	ug/L	97
22) 2-Butanone	3.950	43	272592	115.497	ug/L	98
23) Bromochloromethane	4.243	128	88317	51.160	ug/L	98
25) Chloroform	4.371	83	275059	51.107	ug/L	99

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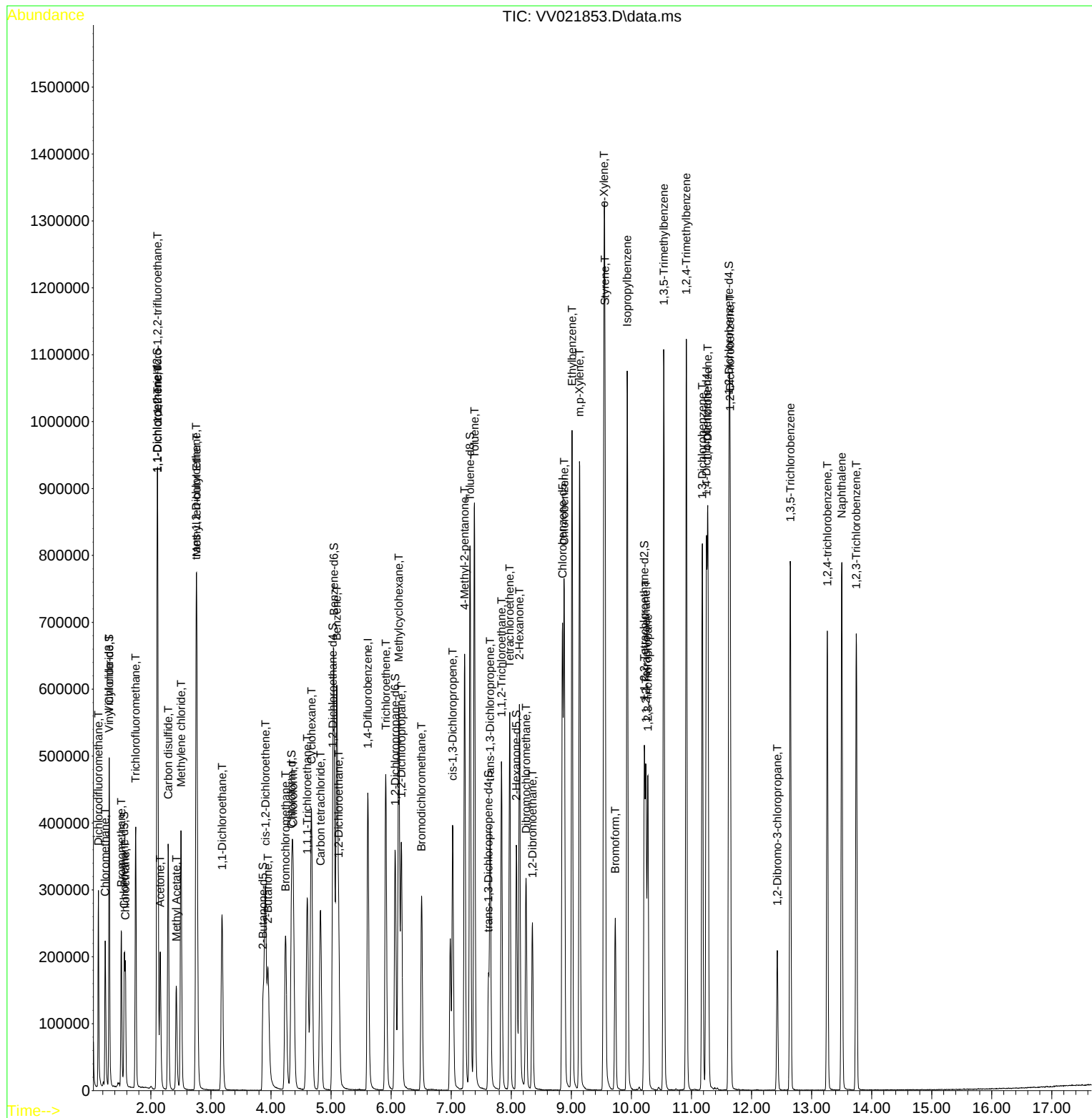
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	194465	51.283	ug/L	100
29) Cyclohexane	4.674	56	241209	51.564	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	241179	50.745	ug/L	100
31) Carbon tetrachloride	4.825	117	207945	50.564	ug/L	100
33) Benzene	5.095	78	607363	51.964	ug/L	100
34) Trichloroethene	5.912	95	164380	48.940	ug/L	99
35) Methylcyclohexane	6.127	83	256203	52.284	ug/L	99
37) 1,2-Dichloropropane	6.172	63	152253	51.444	ug/L	99
38) Bromodichloromethane	6.506	83	197815	50.712	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	236985	50.568	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	427115	104.914	ug/L	100
42) Toluene	7.387	91	653051	52.314	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	228894	51.827	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	155580	52.476	ug/L	98
46) Tetrachloroethene	7.976	164	130031	52.092	ug/L	99
48) 2-Hexanone	8.137	43	345302	109.497	ug/L	97
49) Dibromochloromethane	8.246	129	165984	50.707	ug/L	98
50) 1,2-Dibromoethane	8.352	107	166260	51.531	ug/L	100
51) Chlorobenzene	8.882	112	421221	51.680	ug/L	99
52) Ethylbenzene	9.011	91	696143	52.271	ug/L	99
53) m,p-Xylene	9.136	106	271301	52.563	ug/L	100
54) o-Xylene	9.545	106	269345	52.645	ug/L	97
55) Styrene	9.561	104	459823	53.670	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	228814	55.439	ug/L	99
59) Bromoform	9.731	173	117483	48.165	ug/L	100
60) Isopropylbenzene	9.931	105	703483	51.139	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	190244	50.171	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	590557	51.157	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	605729	51.606	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	341314	51.235	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	336891	50.663	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	343974	51.184	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	47289	51.294	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	248559	51.473	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	210785	52.047	ug/L	100
71) Naphthalene	13.503	128	626840	53.284	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	211336	51.945	ug/L	99

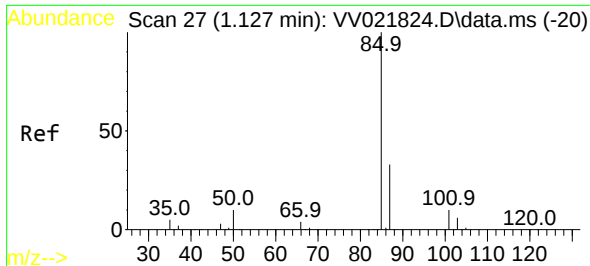
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 Data File : VV021853.D
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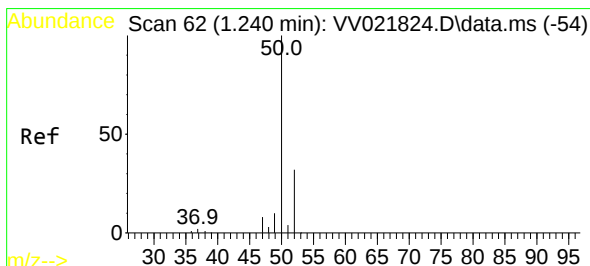
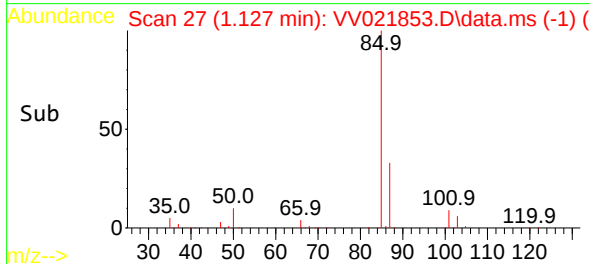
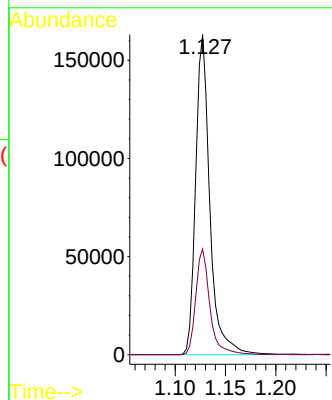
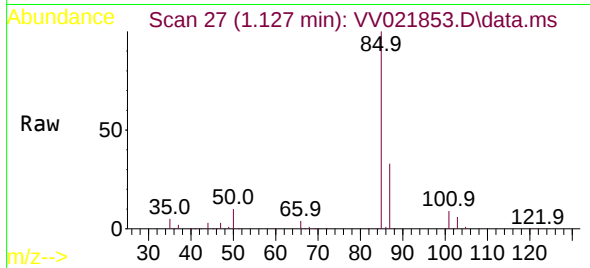




#2
Dichlorodifluoromethane
Concen: 51.098 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

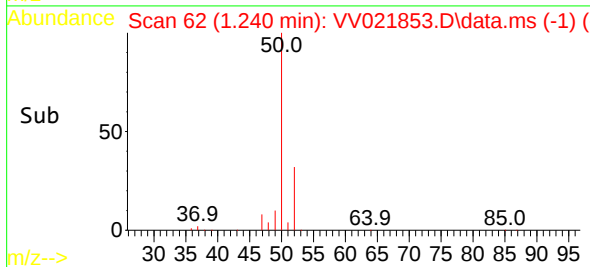
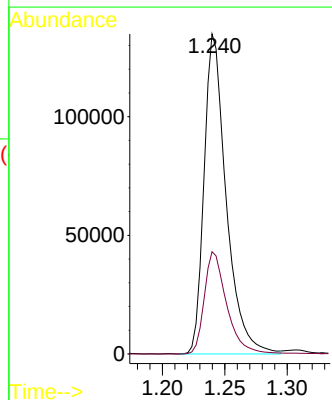
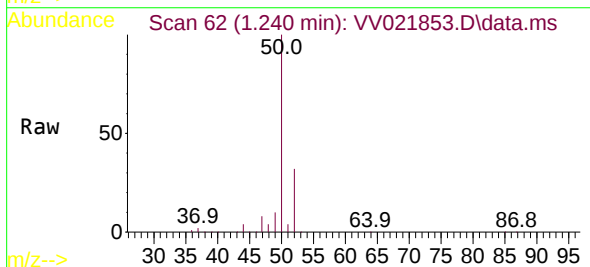
Instrument :
MSVOA_V
ClientSampled :

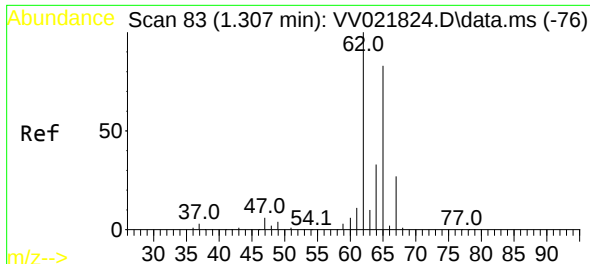
Tgt Ion: 85 Resp: 160140
Ion Ratio Lower Upper
85 100
87 32.8 26.1 39.1



#3
Chloromethane
Concen: 51.309 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 50 Resp: 166994
Ion Ratio Lower Upper
50 100
52 32.0 22.7 42.1

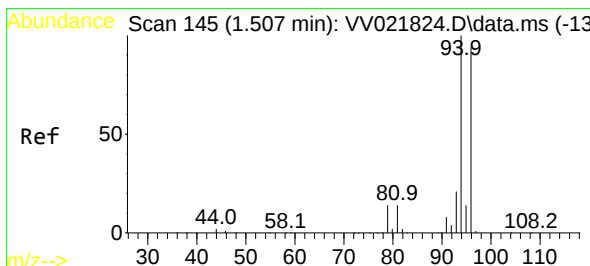
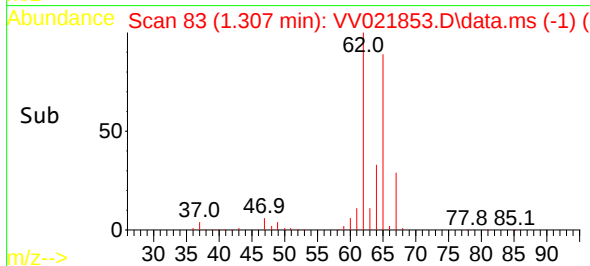
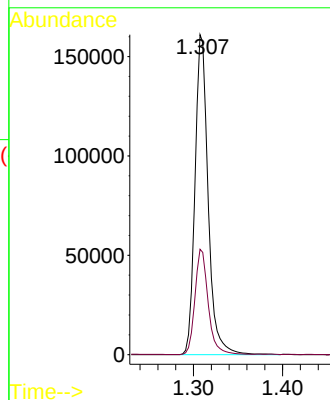
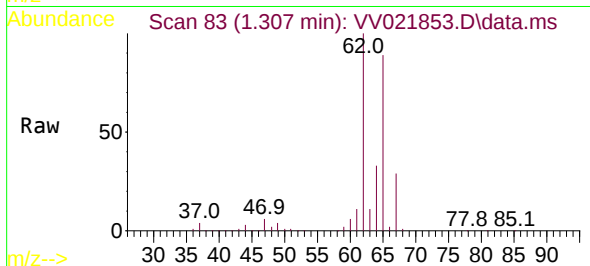




#5
 Vinyl chloride
 Concen: 51.666 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021853.D
 Acq: 18 Aug 2021 09:47

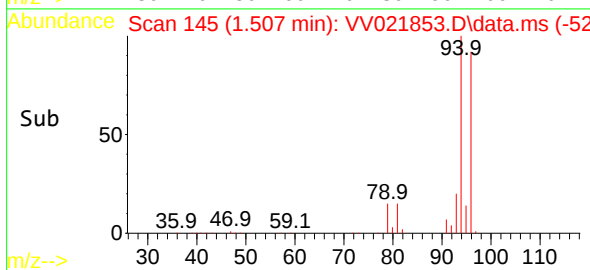
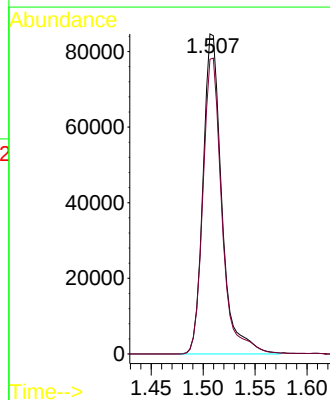
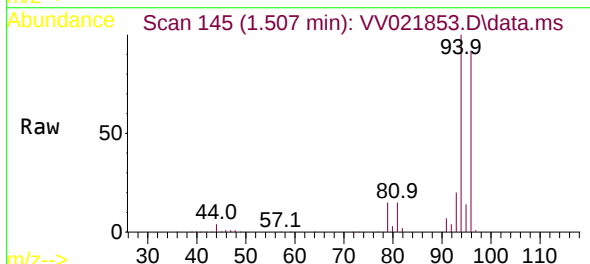
Instrument :
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 ClientSampled :

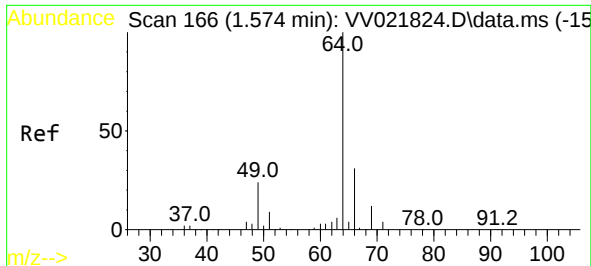
Tgt Ion: 62 Resp: 165581
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 55.136 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV021853.D
 Acq: 18 Aug 2021 09:47

Tgt Ion: 94 Resp: 106209
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.8 120.3

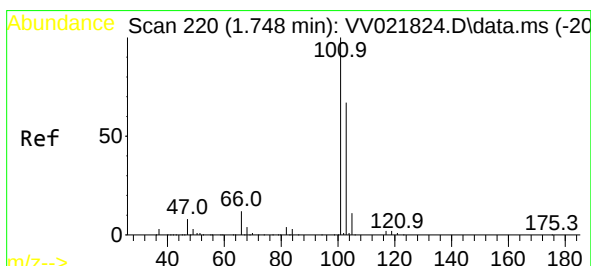
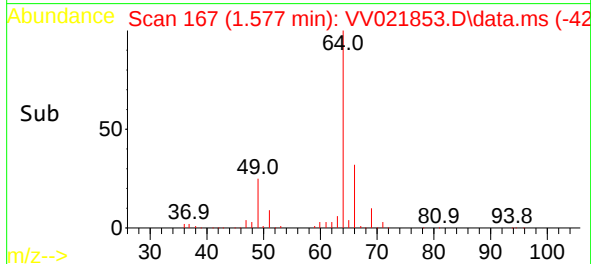
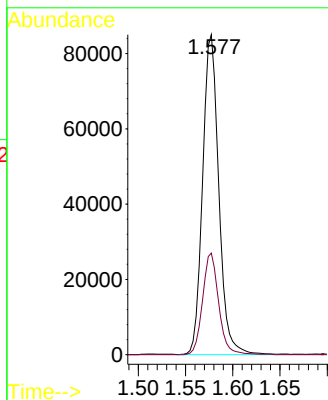
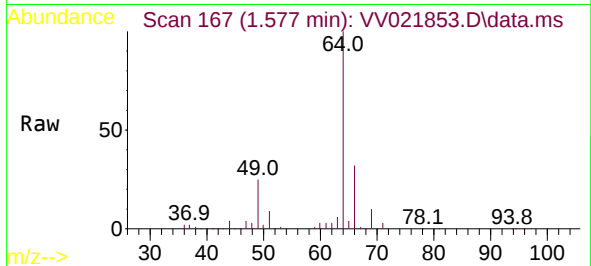




#8
Chloroethane
Concen: 52.874 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

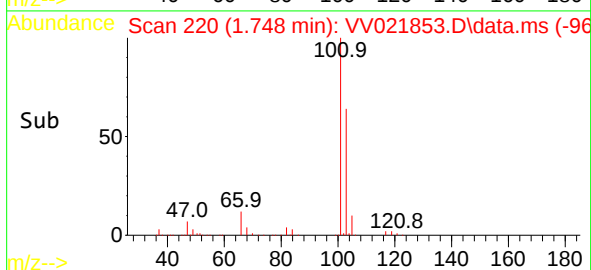
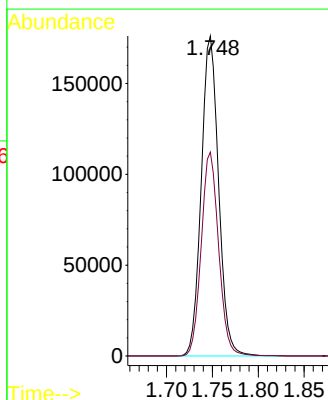
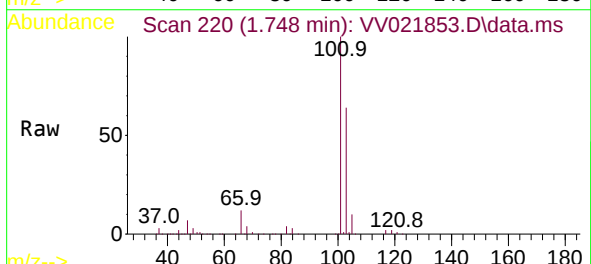
Instrument :
MSVOA_V
ClientSampled :

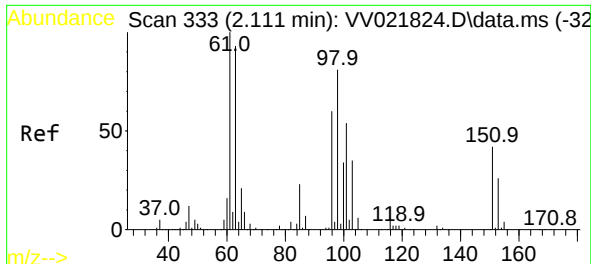
Tgt Ion: 64 Resp: 101260
Ion Ratio Lower Upper
64 100
66 31.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 52.786 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion:101 Resp: 231789
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.8

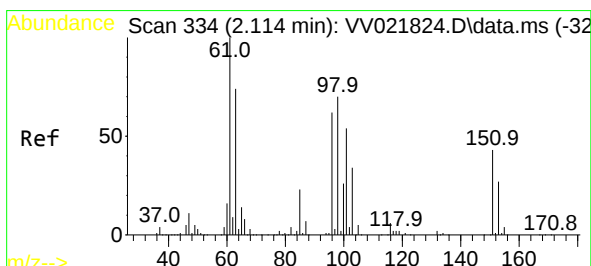
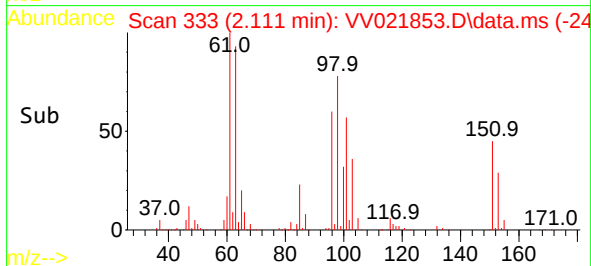
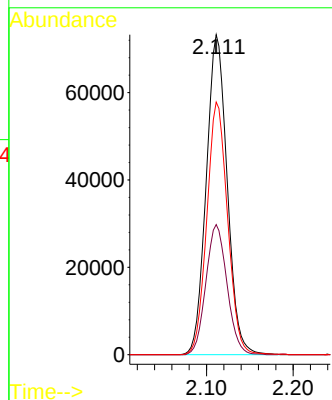
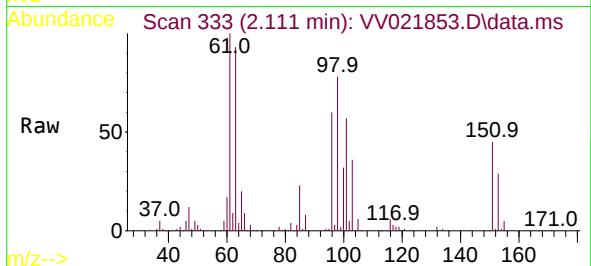




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.981 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

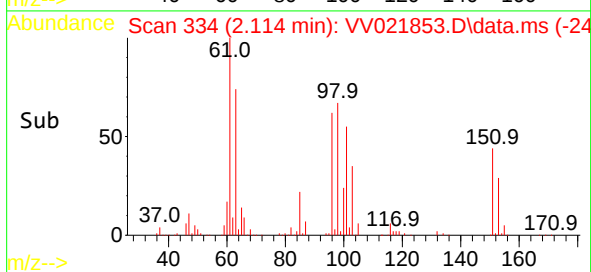
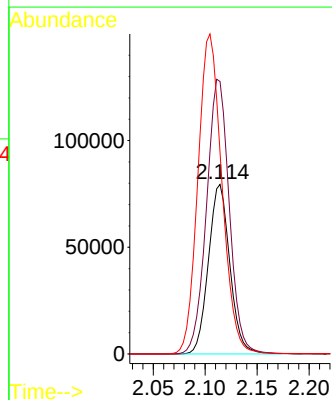
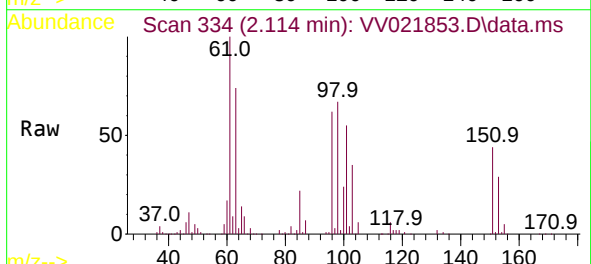
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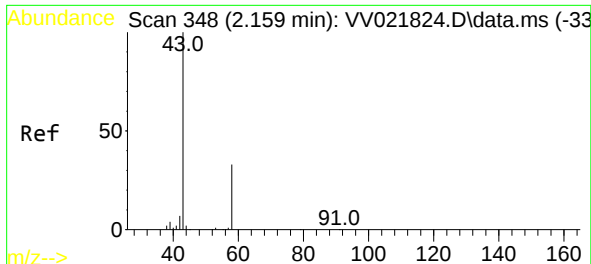
Tgt Ion:101 Resp: 123141
Ion Ratio Lower Upper
101 100
85 41.0 33.4 50.2
151 78.4 62.2 93.2



#12
1,1-Dichloroethene
Concen: 47.554 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 96 Resp: 113874
Ion Ratio Lower Upper
96 100
61 160.6 115.5 214.5
63 118.8 90.3 167.7

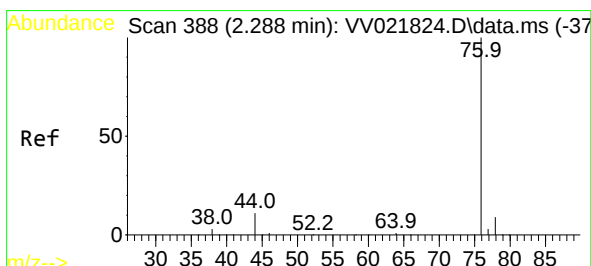
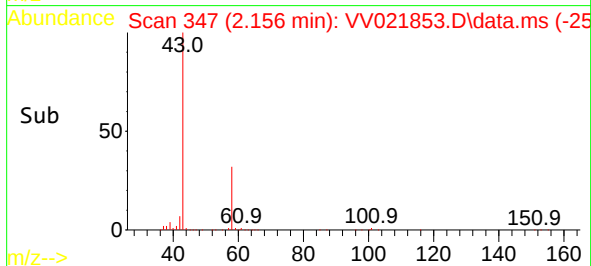
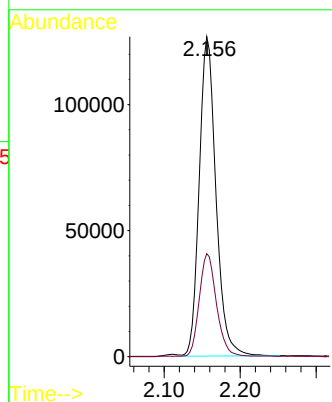
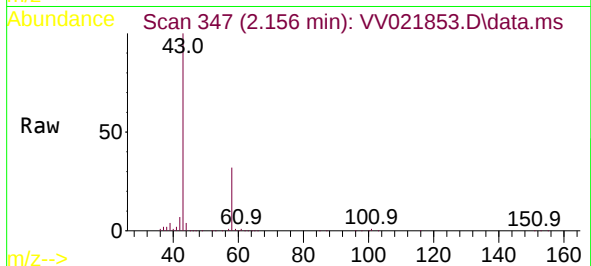




#13
Acetone
Concen: 119.741 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

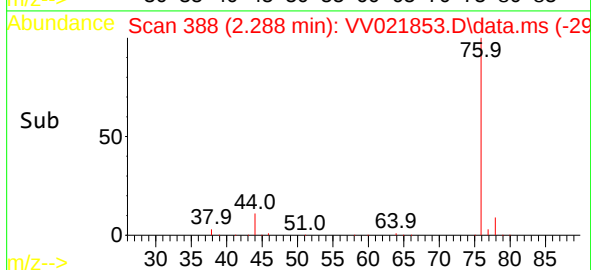
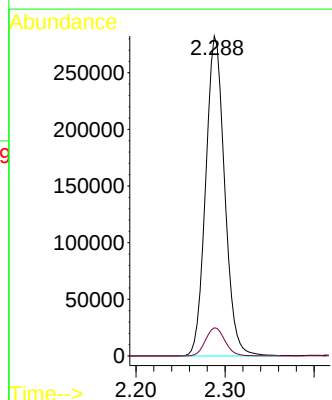
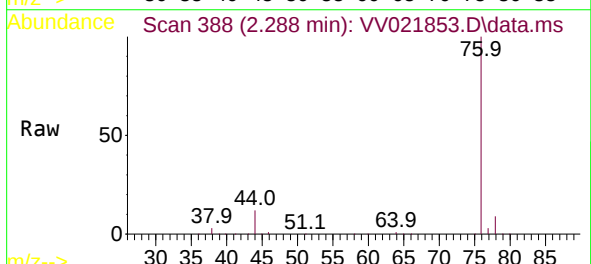
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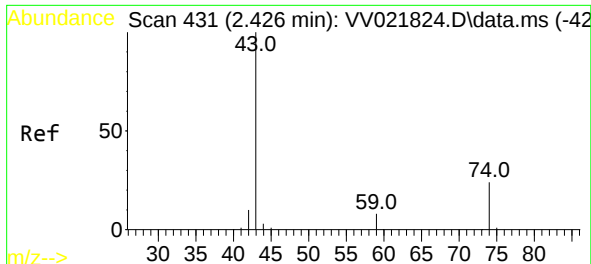
Tgt Ion: 43 Resp: 194054
Ion Ratio Lower Upper
43 100
58 33.0 0.0 0.0#



#14
Carbon disulfide
Concen: 51.731 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 76 Resp: 416805
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

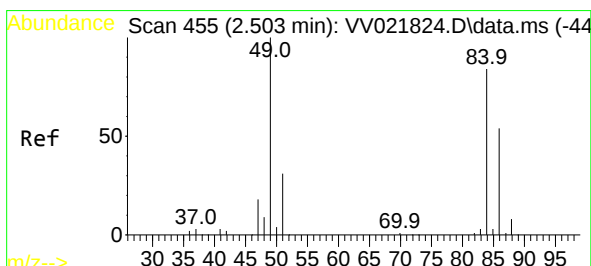
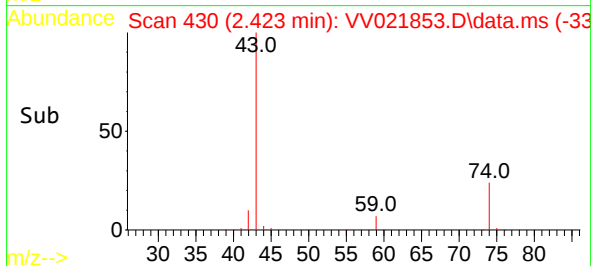
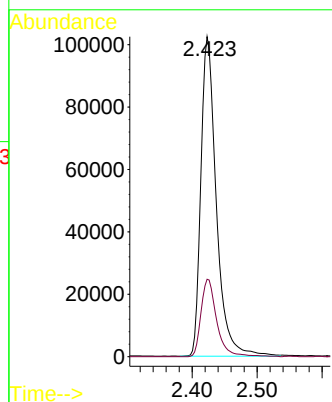
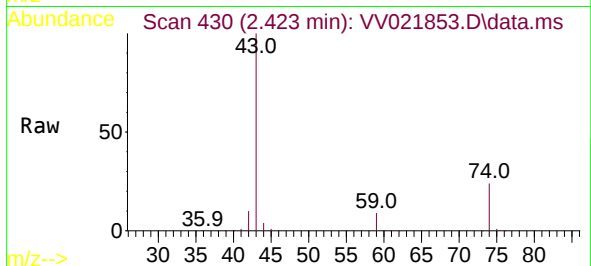




#15
Methyl Acetate
Concen: 57.051 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

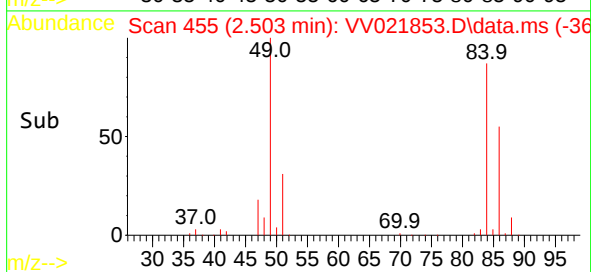
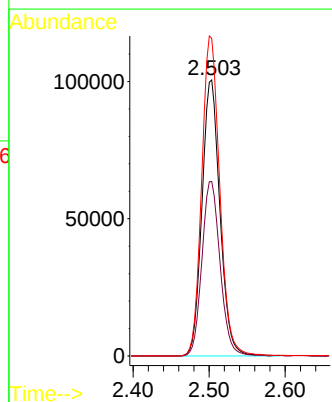
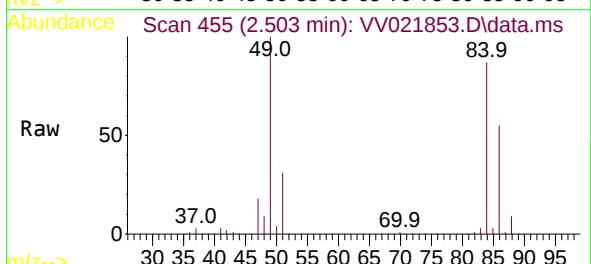
Instrument :
MSVOA_V
ClientSampled :

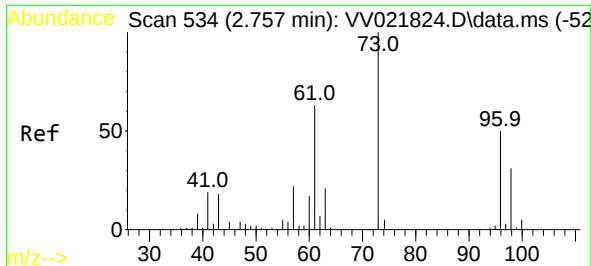
Tgt Ion: 43 Resp: 169856
Ion Ratio Lower Upper
43 100
74 24.7 19.0 28.6



#16
Methylene chloride
Concen: 49.578 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 84 Resp: 165135
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 115.0 82.5 153.3

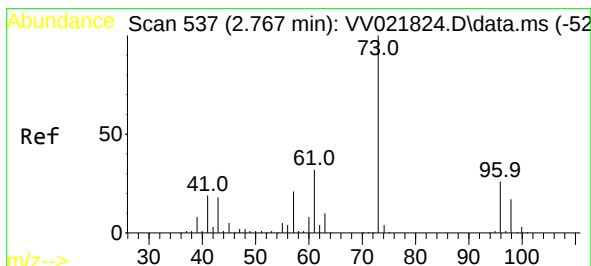
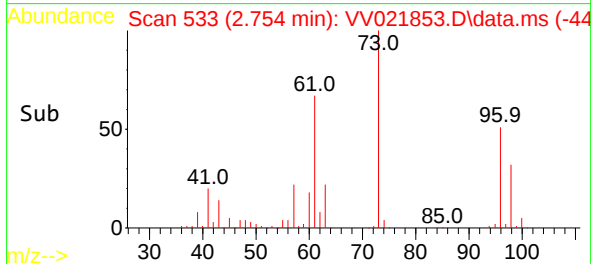
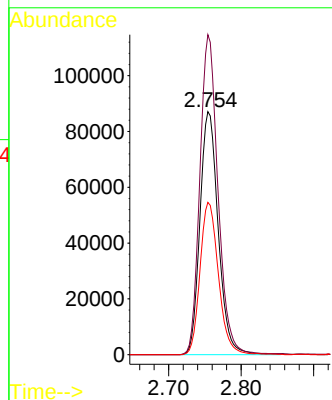
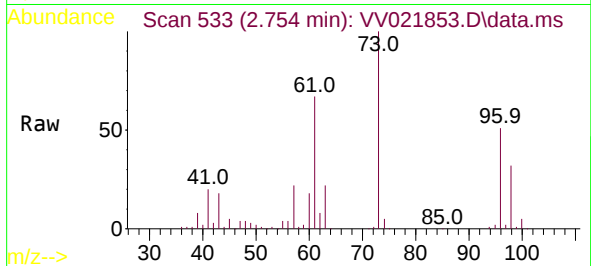




#17
trans-1,2-Dichloroethene
Concen: 54.355 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

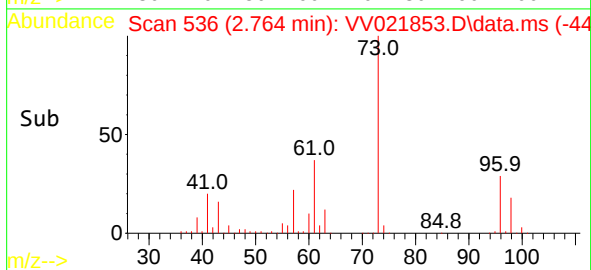
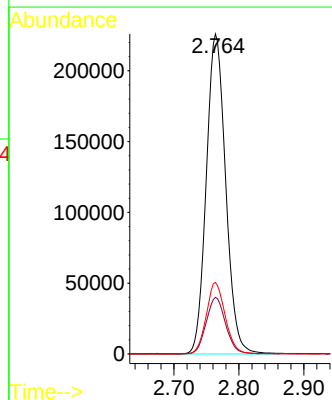
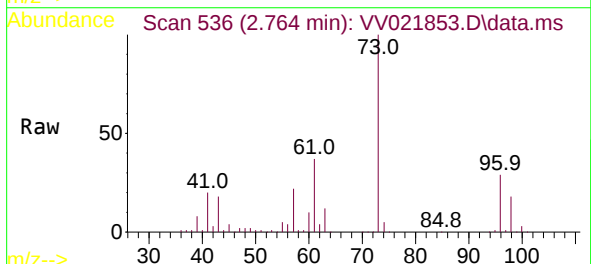
Instrument :
MSVOA_V
ClientSampleId :

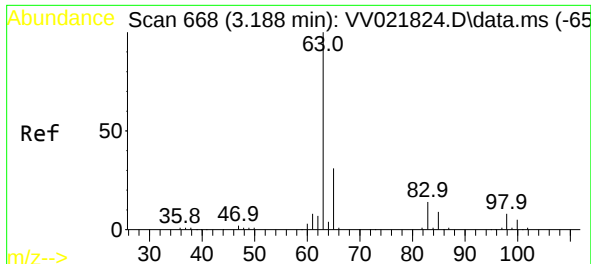
Tgt Ion: 96 Resp: 152732
Ion Ratio Lower Upper
96 100
61 131.6 90.4 168.0
98 62.7 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 54.267 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 73 Resp: 468958
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.4
57 21.8 17.7 26.5



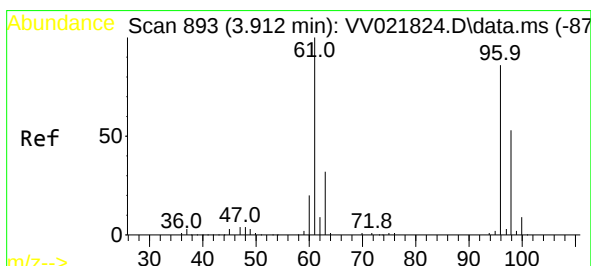
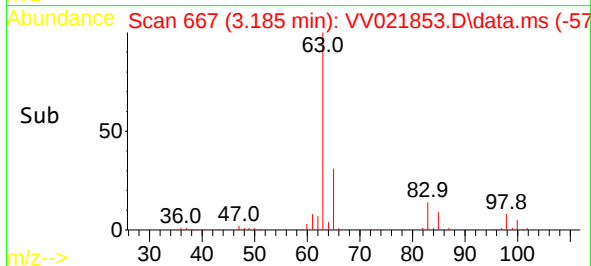
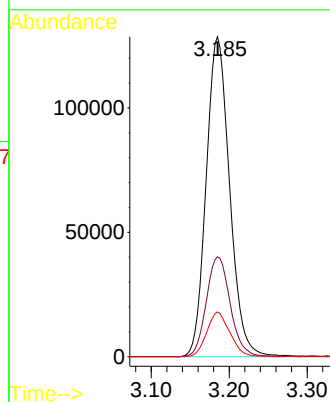
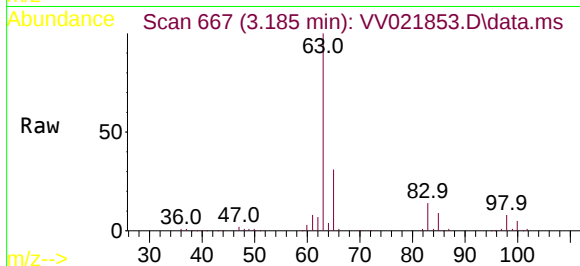


#19
1,1-Dichloroethane
Concen: 53.698 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 268593

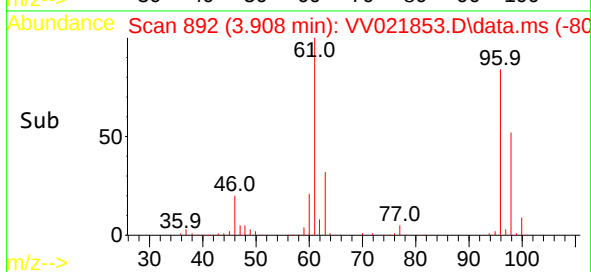
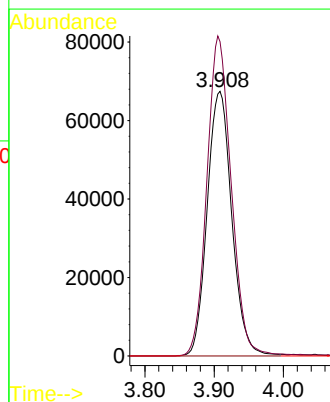
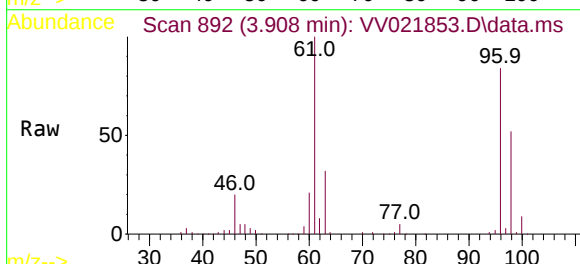
Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.8	40.6
83	14.0	9.6	17.8

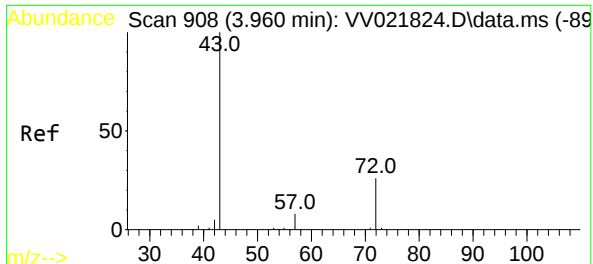


#20
cis-1,2-Dichloroethene
Concen: 51.292 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 96 Resp: 166895

Ion	Ratio	Lower	Upper
96	100		
61	118.8	81.0	150.4
68	0.0	0.0	0.0

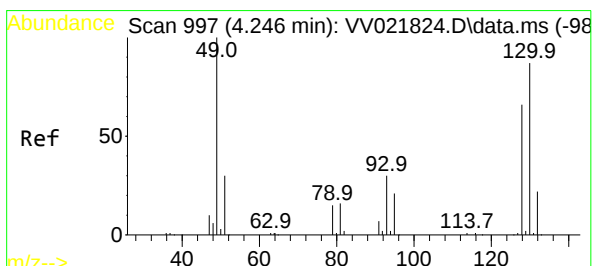
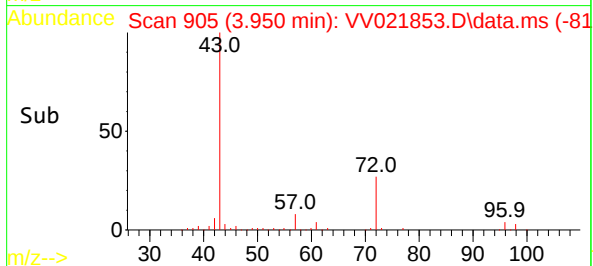
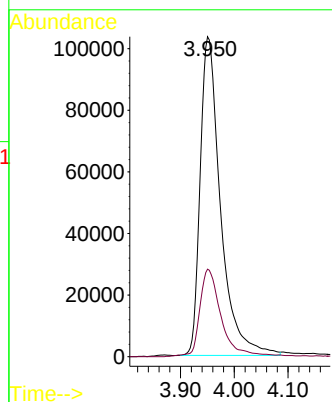
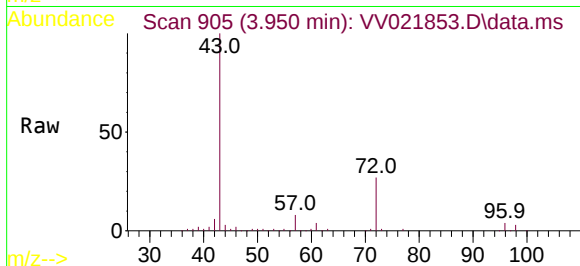




#22
2-Butanone
Concen: 115.497 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.010 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

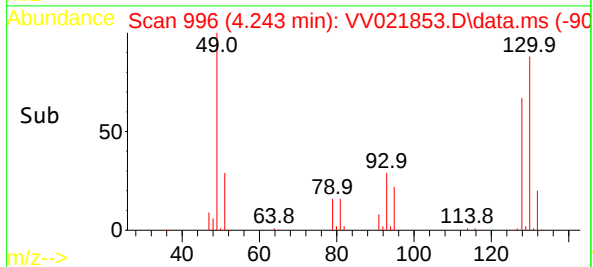
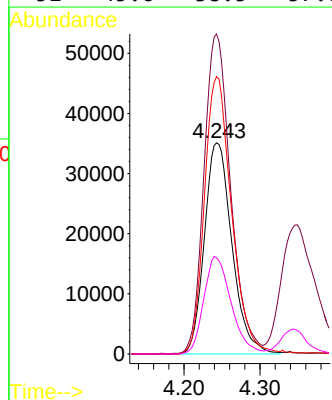
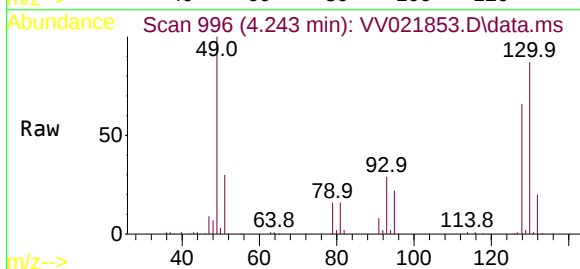
Instrument :
MSVOA_V
ClientSampled :

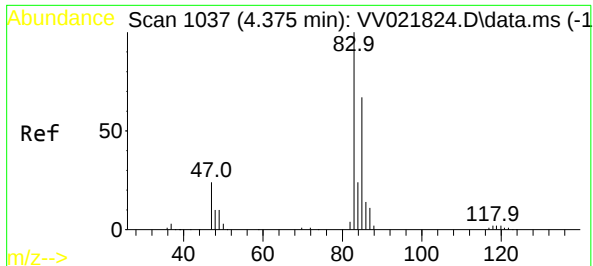
Tgt Ion: 43 Resp: 272592
Ion Ratio Lower Upper
43 100
72 28.1 13.6 40.8



#23
Bromochloromethane
Concen: 51.160 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 128 Resp: 88317
Ion Ratio Lower Upper
128 100
49 151.5 105.6 196.0
130 131.4 89.5 166.1
51 45.6 38.5 57.7



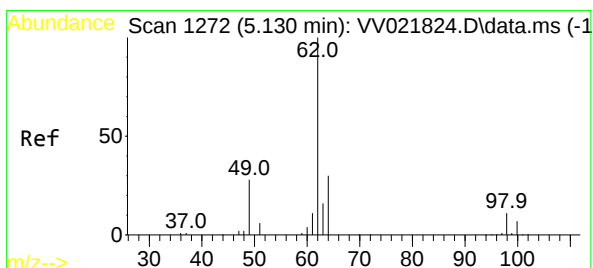
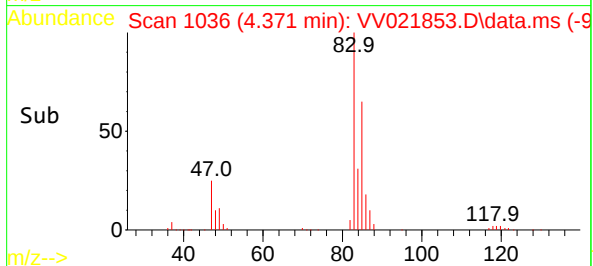
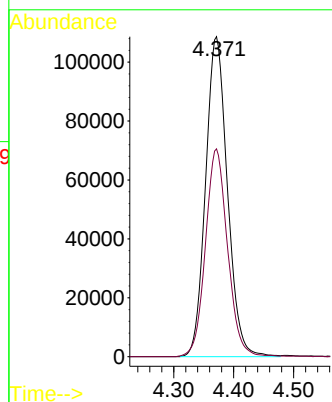
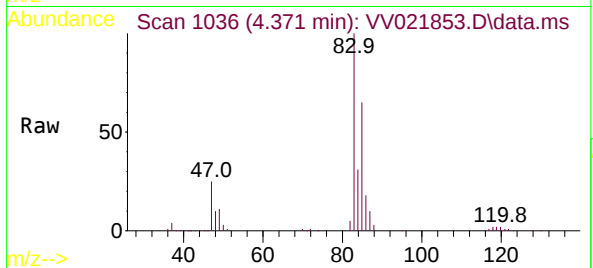


#25

Chloroform
Concen: 51.107 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Instrument :
MSVOA_V
ClientSampleId :

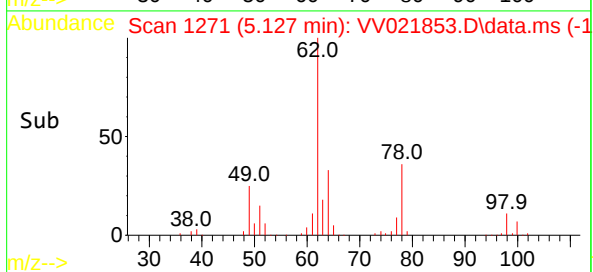
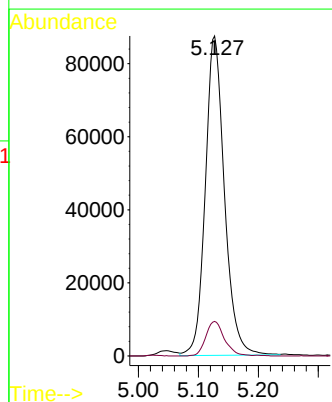
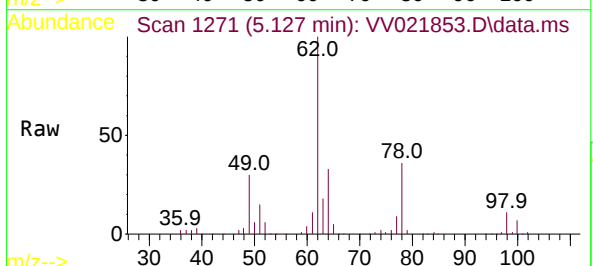
Tgt Ion: 83 Resp: 275059
Ion Ratio Lower Upper
83 100
85 65.0 44.8 83.2

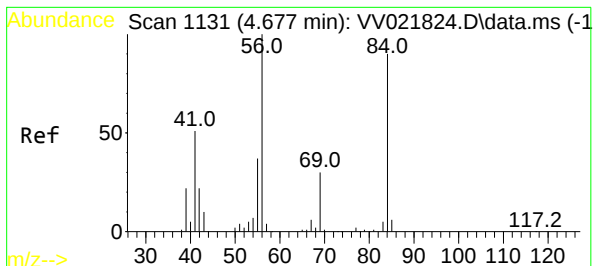


#27

1,2-Dichloroethane
Concen: 51.283 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 62 Resp: 194465
Ion Ratio Lower Upper
62 100
98 10.8 8.6 13.0





#29

Cyclohexane

Concen: 51.564 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV021853.D

Acq: 18 Aug 2021 09:47

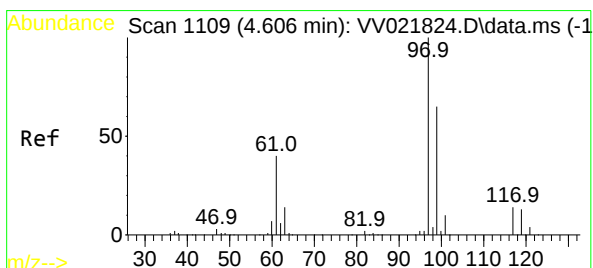
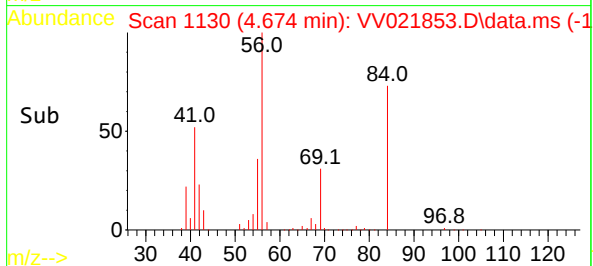
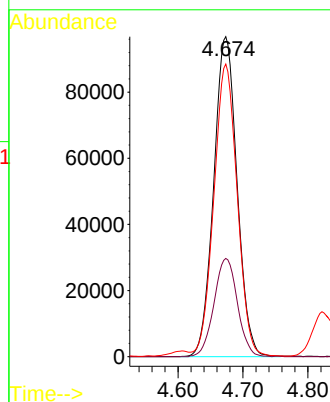
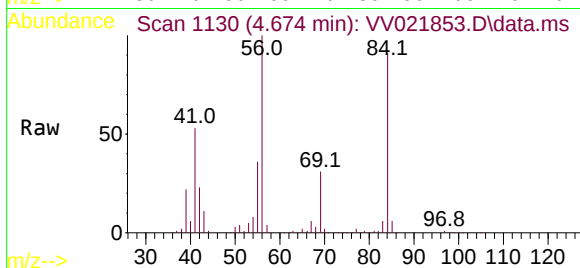
Tgt Ion: 56 Resp: 241209

Ion Ratio Lower Upper

56 100

69 30.8 24.9 37.3

84 91.3 72.6 109.0



#30

1,1,1-Trichloroethane

Concen: 50.745 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV021853.D

Acq: 18 Aug 2021 09:47

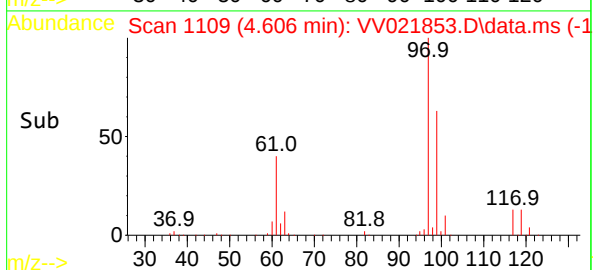
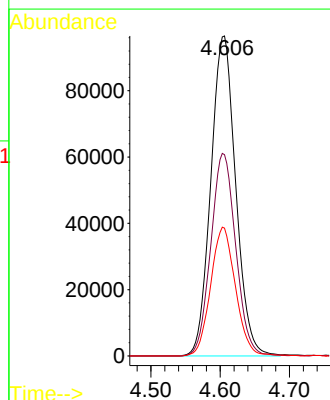
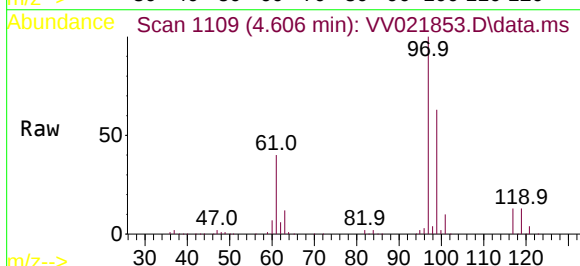
Tgt Ion: 97 Resp: 241179

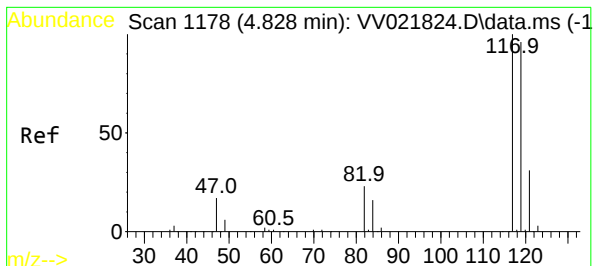
Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

61 40.1 32.3 48.5

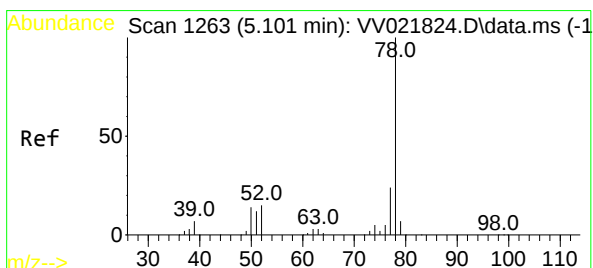
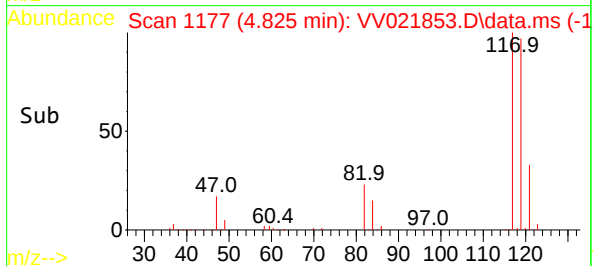
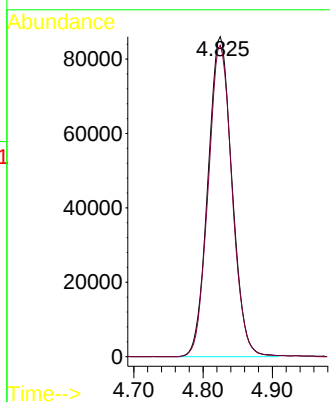
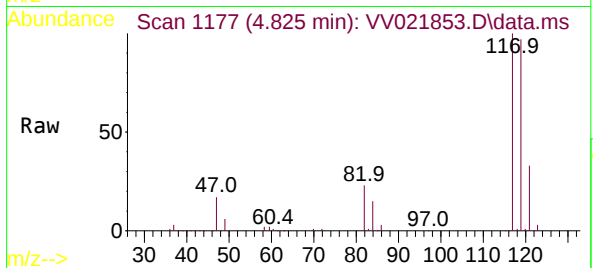




#31
Carbon tetrachloride
Concen: 50.564 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

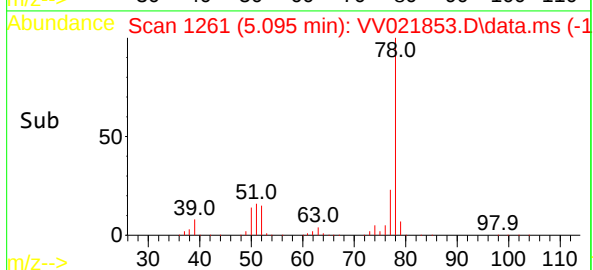
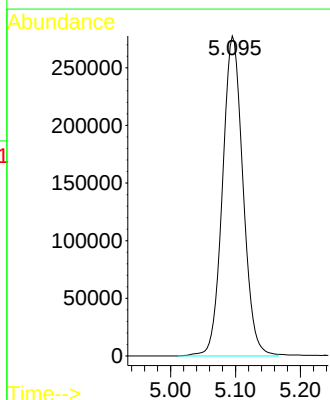
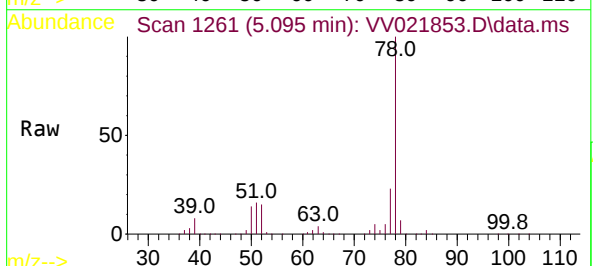
Instrument :
MSVOA_V
ClientSampled :

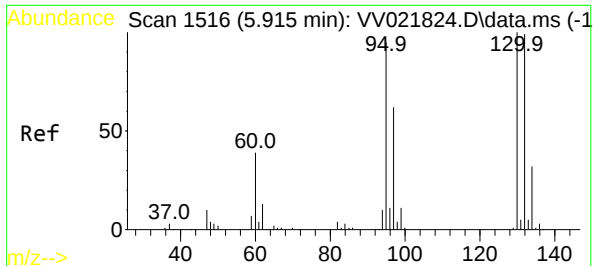
Tgt Ion:117 Resp: 207945
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7



#33
Benzene
Concen: 51.964 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 78 Resp: 607363

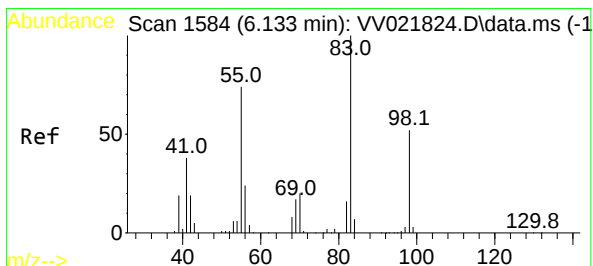
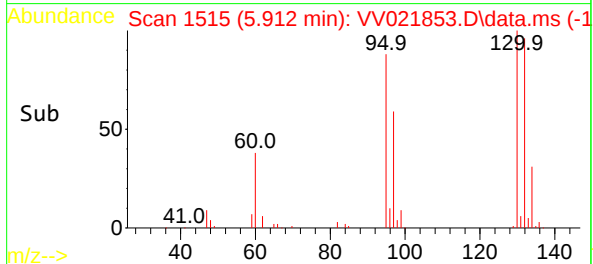
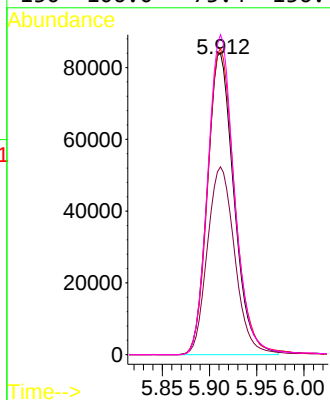
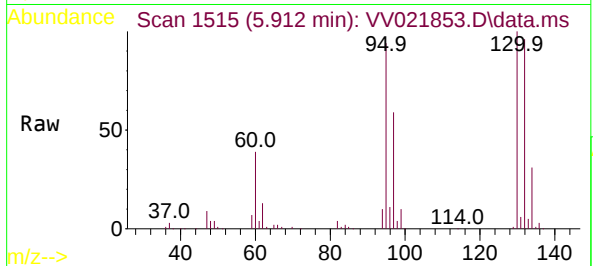




#34
Trichloroethene
Concen: 48.940 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

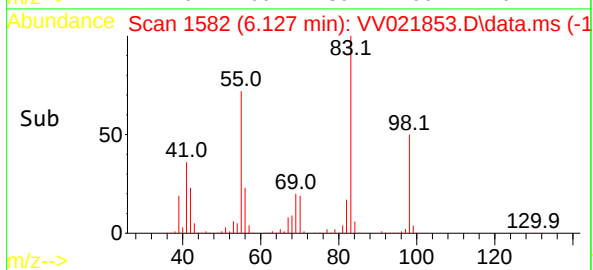
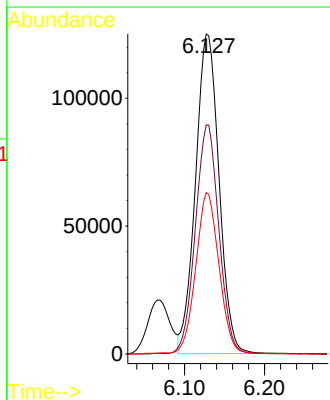
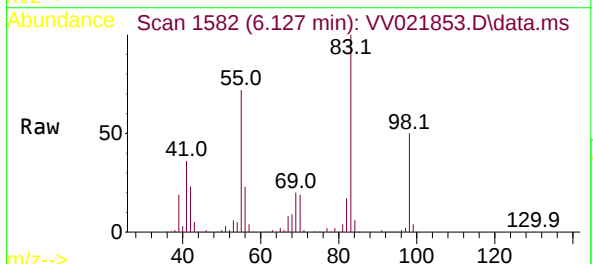
Instrument :
MSVOA_V
ClientSampleId :

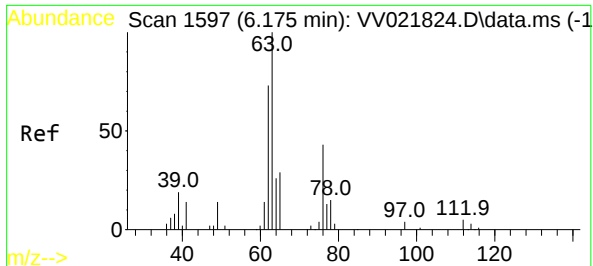
Tgt Ion: 95 Resp: 164380
Ion Ratio Lower Upper
95 100
97 62.2 44.1 81.9
132 101.5 70.2 130.4
130 106.0 73.4 136.4



#35
Methylcyclohexane
Concen: 52.284 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 83 Resp: 256203
Ion Ratio Lower Upper
83 100
55 71.3 57.9 86.9
98 49.8 39.9 59.9

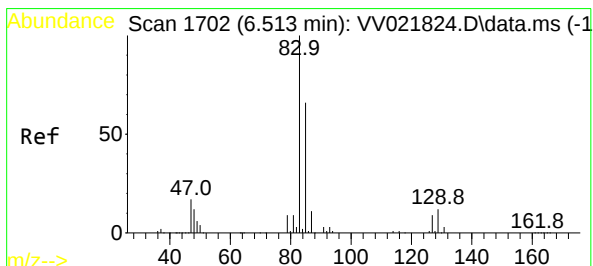
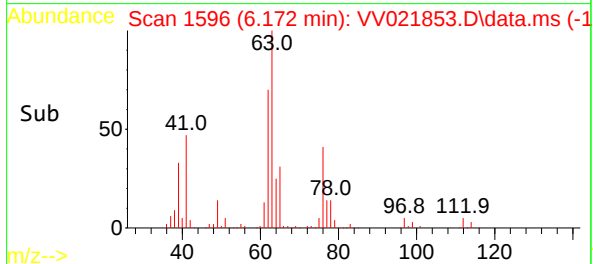
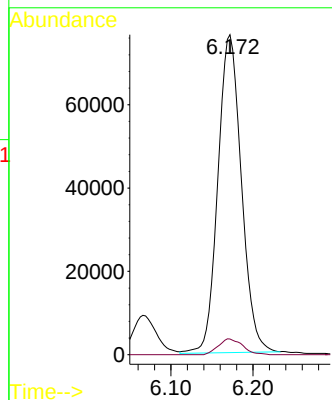
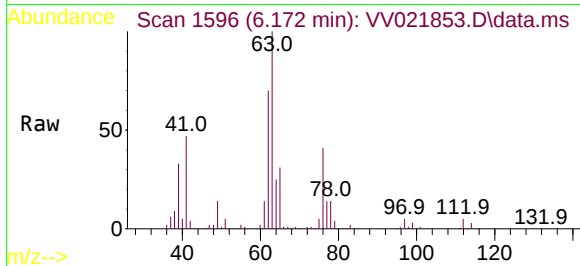




#37
1,2-Dichloropropane
Concen: 51.444 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

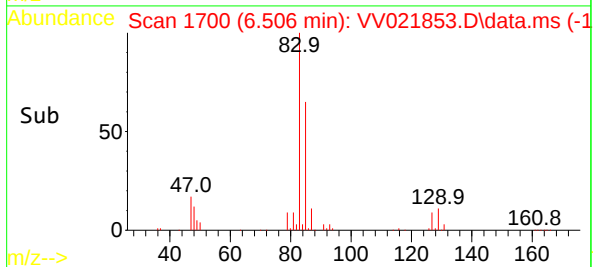
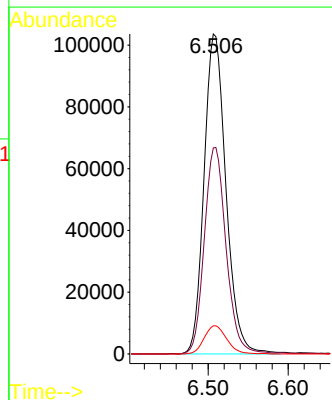
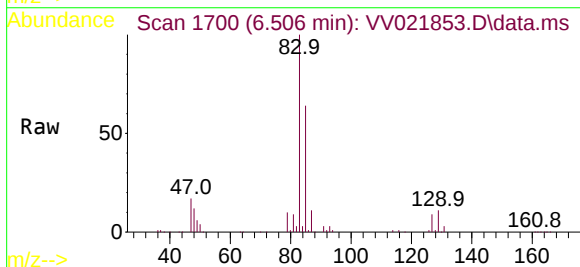
Instrument :
MSVOA_V
ClientSampleId :

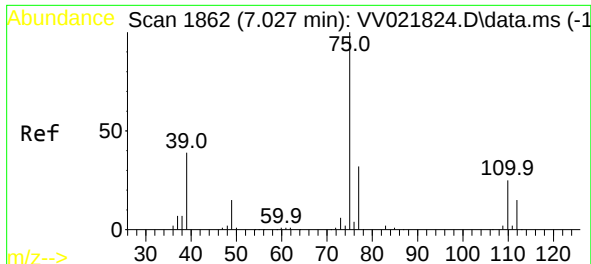
Tgt Ion: 63 Resp: 152253
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.6



#38
Bromodichloromethane
Concen: 50.712 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 83 Resp: 197815
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9
127 8.8 7.4 11.2

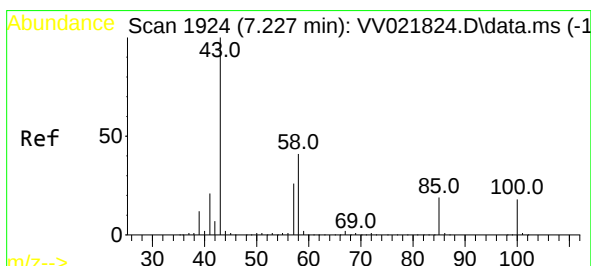
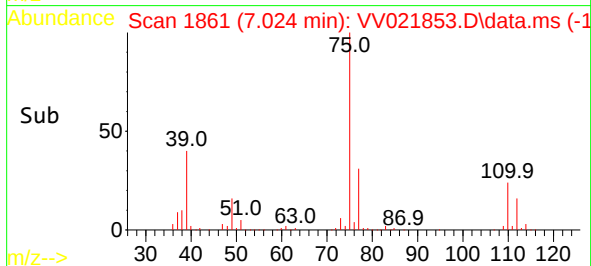
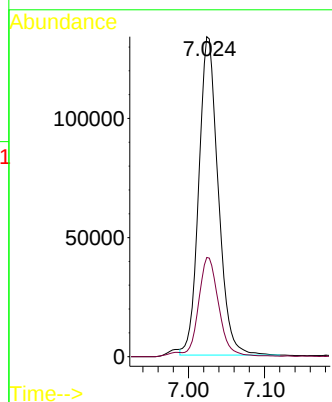
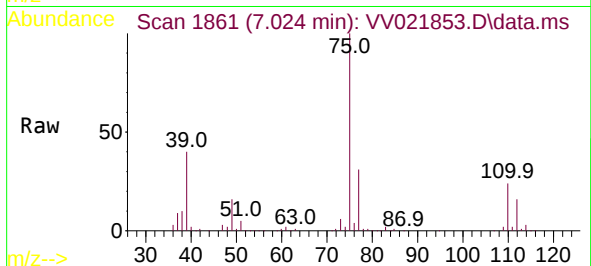




#39
cis-1,3-Dichloropropene
Concen: 50.568 ug/L
RT: 7.024 min Scan# 1861
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

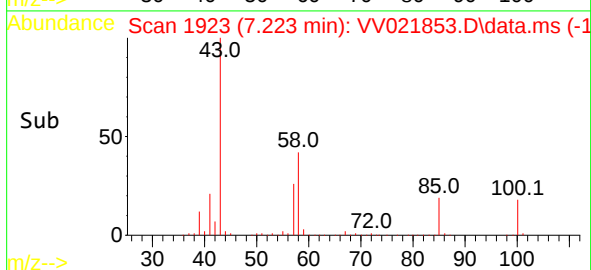
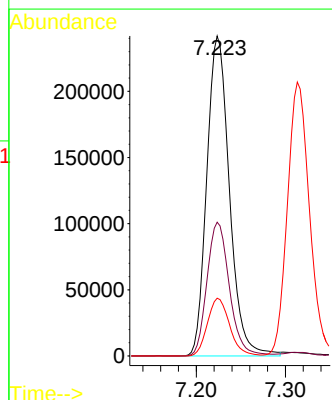
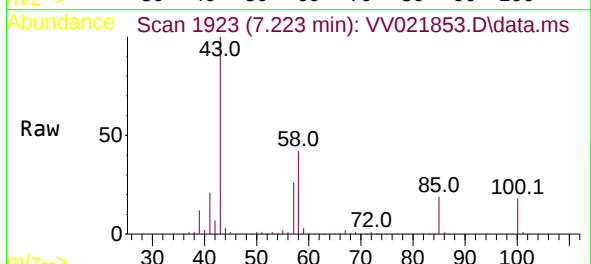
Instrument :
MSVOA_V
ClientSampled :

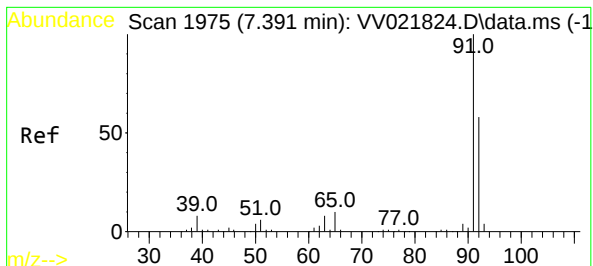
Tgt Ion: 75 Resp: 236985
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 104.914 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 43 Resp: 427115
Ion Ratio Lower Upper
43 100
58 41.3 32.9 49.3
100 17.7 14.0 21.0





#42

Toluene

Concen: 52.314 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV021853.D

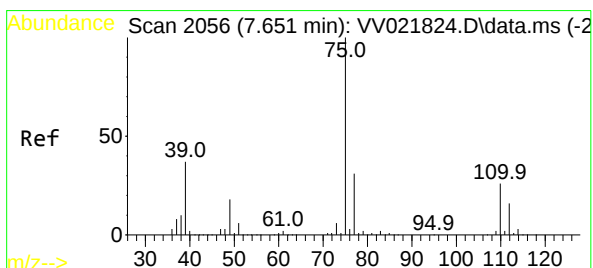
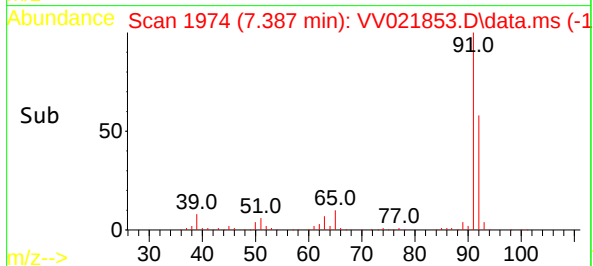
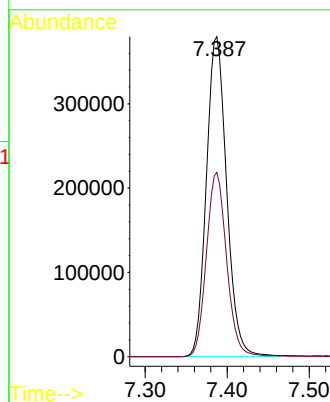
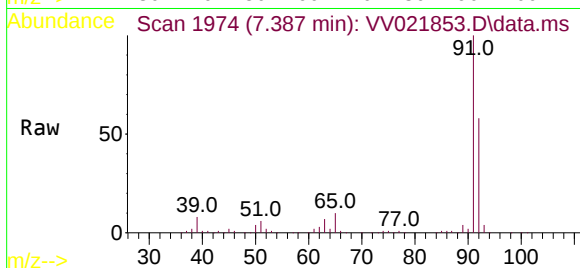
Acq: 18 Aug 2021 09:47

Tgt Ion: 91 Resp: 653051

Ion Ratio Lower Upper

91 100

92 57.5 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 51.827 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV021853.D

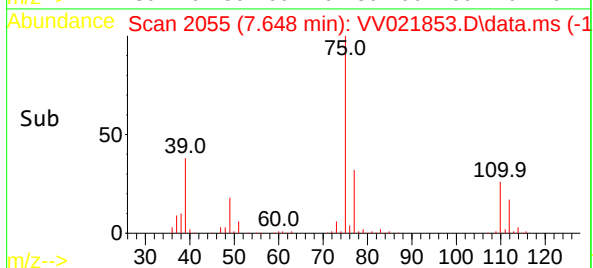
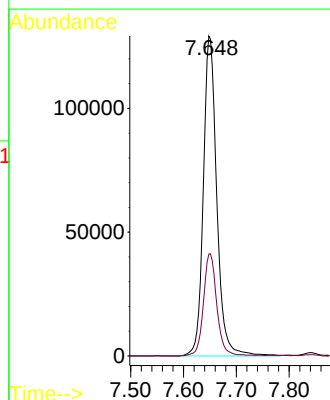
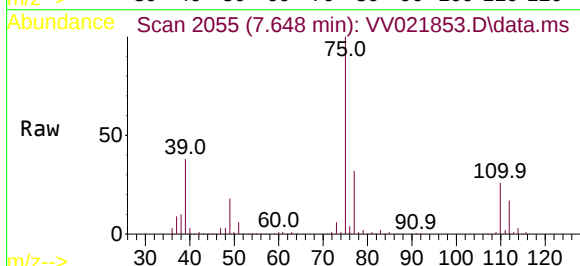
Acq: 18 Aug 2021 09:47

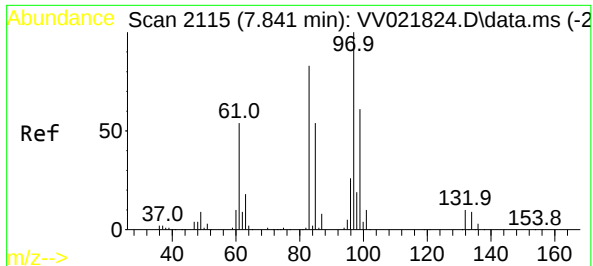
Tgt Ion: 75 Resp: 228894

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2



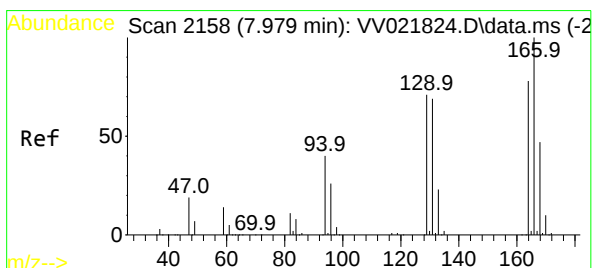
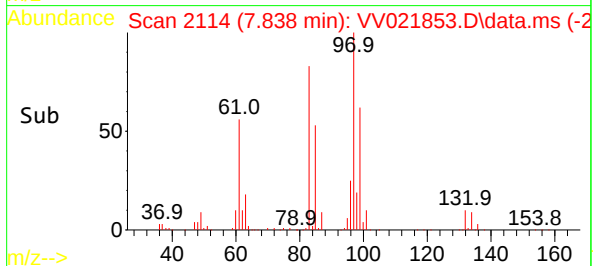
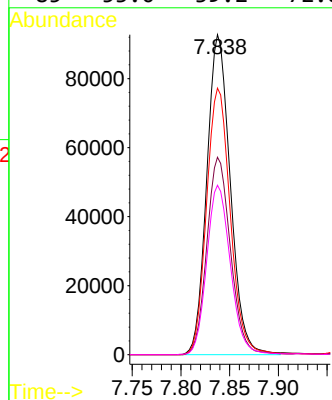
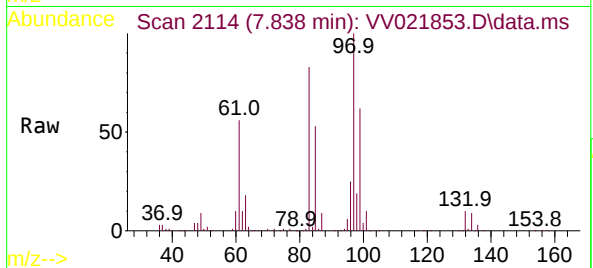


#45

1,1,2-Trichloroethane
Concen: 52.476 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Instrument :
MSVOA_V
ClientSampleId :

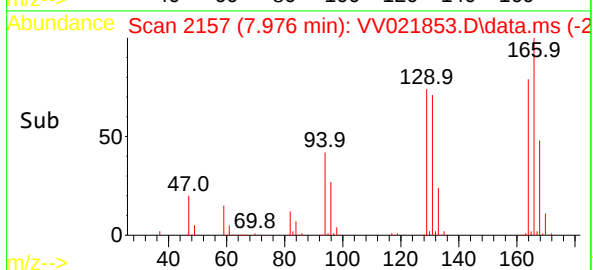
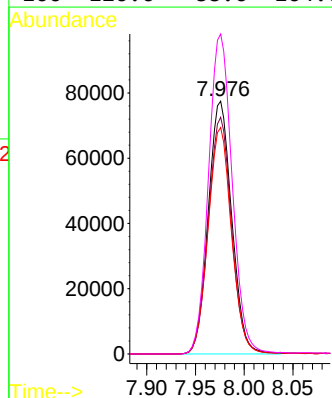
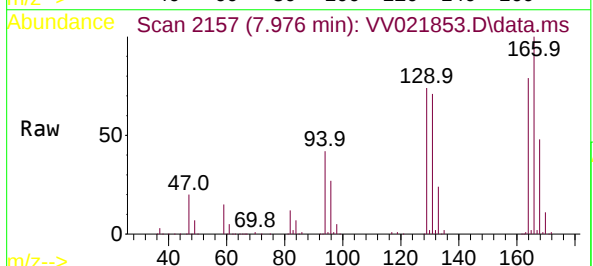
Tgt Ion: 97 Resp: 155580
Ion Ratio Lower Upper
97 100
99 61.7 44.2 82.0
83 83.3 59.2 110.0
85 53.0 39.2 72.8

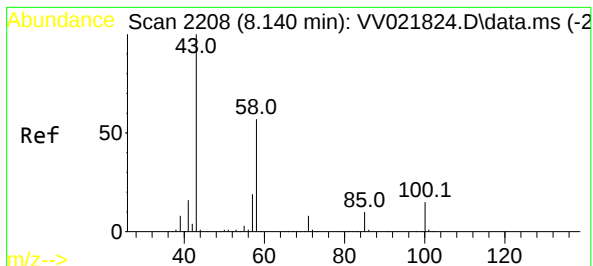


#46

Tetrachloroethene
Concen: 52.092 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion:164 Resp: 130031
Ion Ratio Lower Upper
164 100
129 93.6 63.7 118.3
131 89.6 61.5 114.3
166 126.6 88.6 164.6





#48

2-Hexanone

Concen: 109.497 ug/L

RT: 8.137 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VV021853.D

Acq: 18 Aug 2021 09:47

Tgt Ion: 43 Resp: 345302

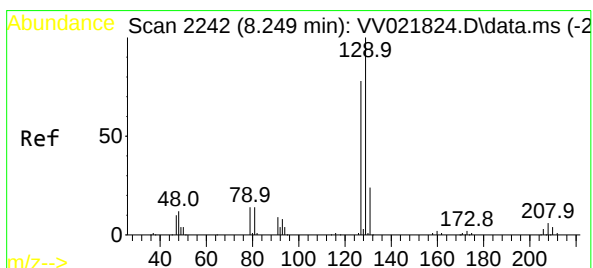
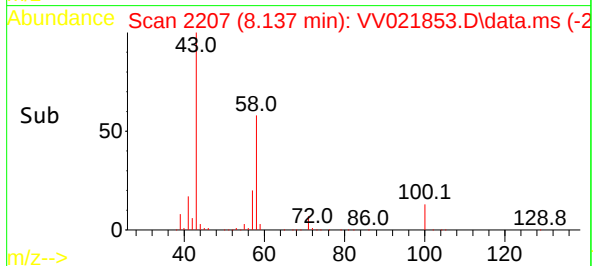
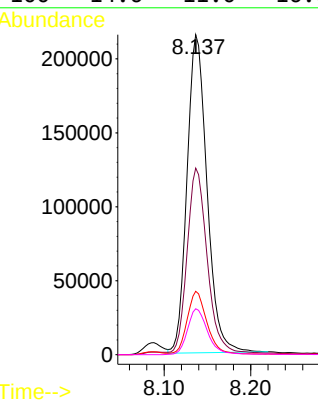
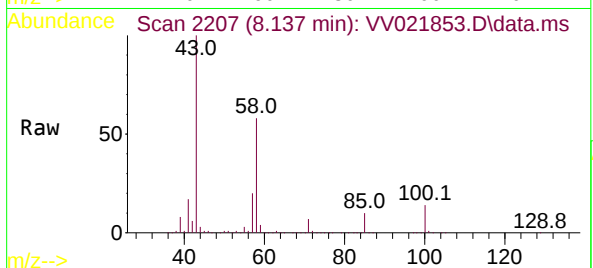
Ion Ratio Lower Upper

43 100

58 59.6 45.4 68.2

57 19.8 15.3 22.9

100 14.6 11.0 16.6



#49

Dibromochloromethane

Concen: 50.707 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV021853.D

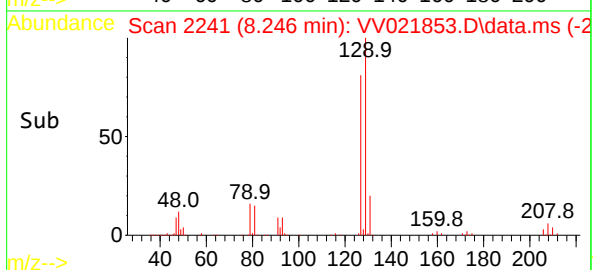
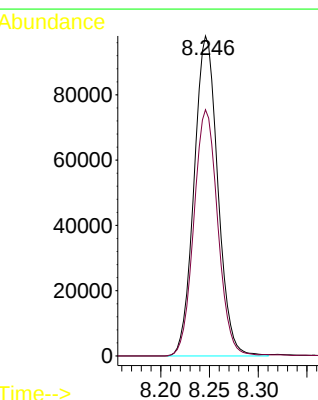
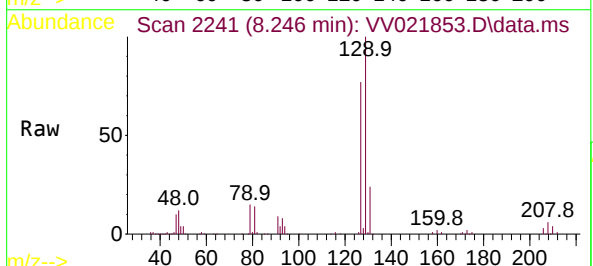
Acq: 18 Aug 2021 09:47

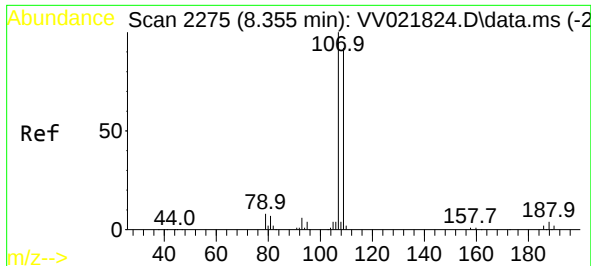
Tgt Ion: 129 Resp: 165984

Ion Ratio Lower Upper

129 100

127 77.0 54.9 101.9

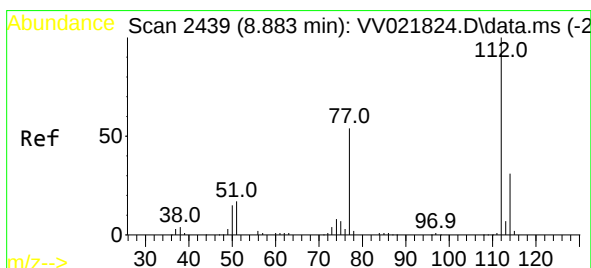
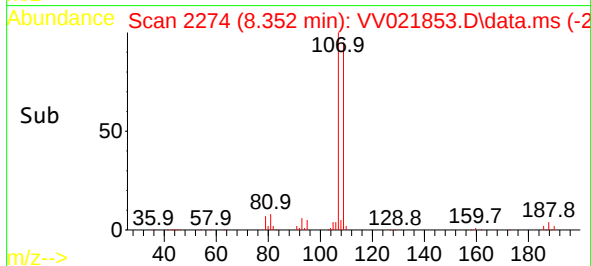
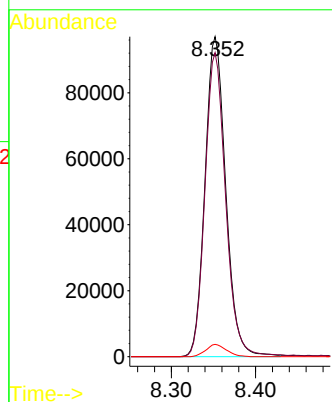
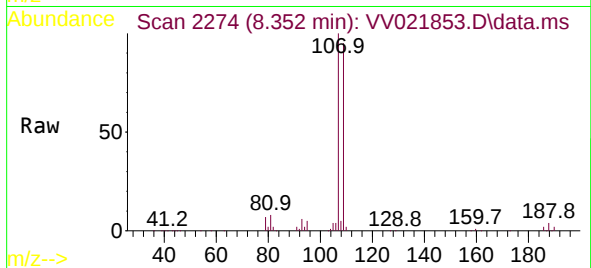




#50
1,2-Dibromoethane
Concen: 51.531 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

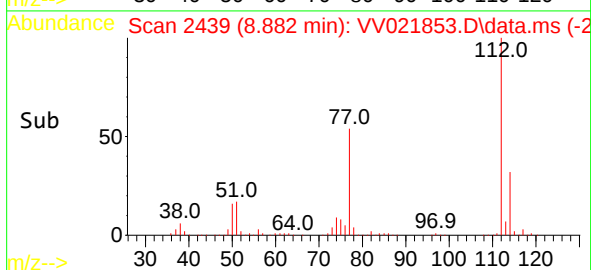
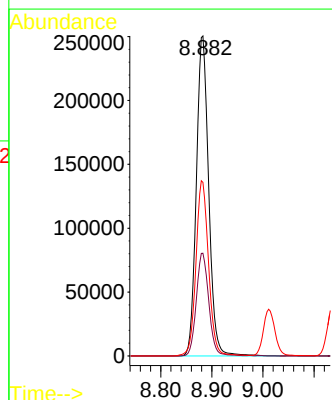
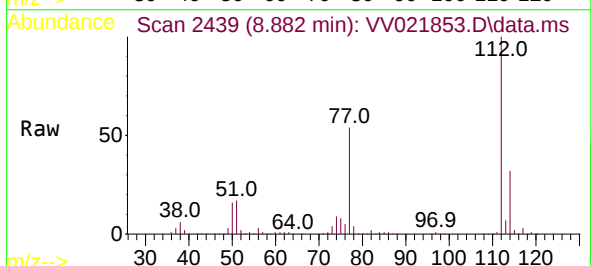
Instrument :
MSVOA_V
ClientSampleId :

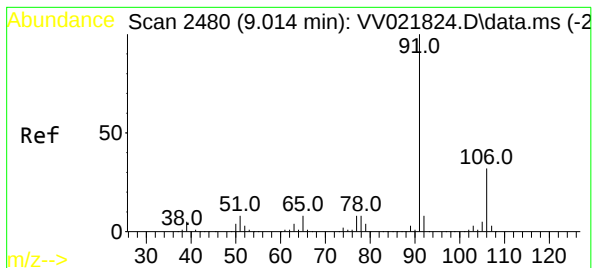
Tgt Ion:107 Resp: 166260
Ion Ratio Lower Upper
107 100
109 95.0 66.3 123.1
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 51.680 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion:112 Resp: 421221
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 54.2 43.7 65.5

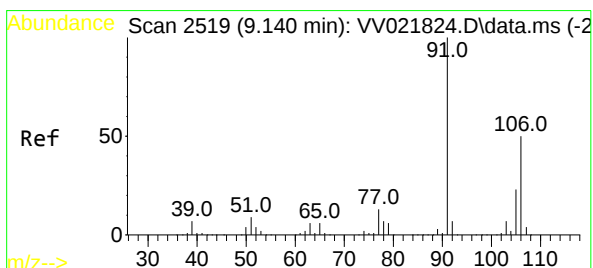
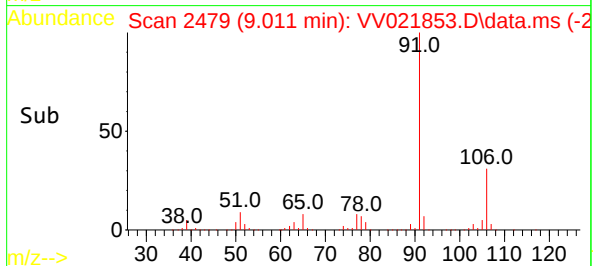
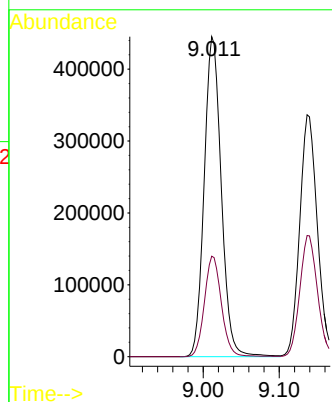
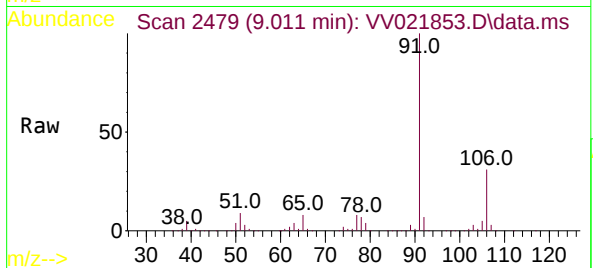




#52
Ethylbenzene
Concen: 52.271 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

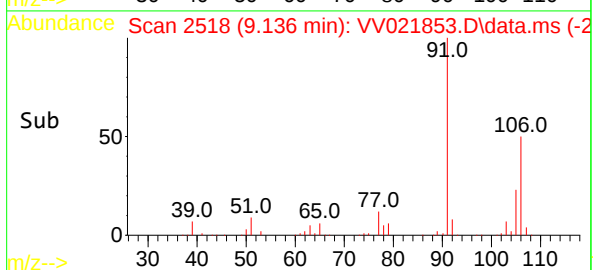
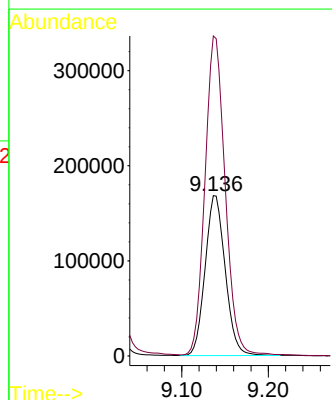
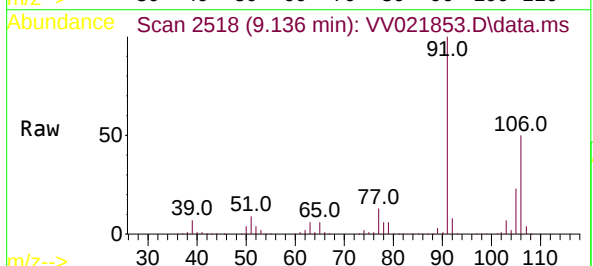
Instrument :
MSVOA_V
ClientSampled :

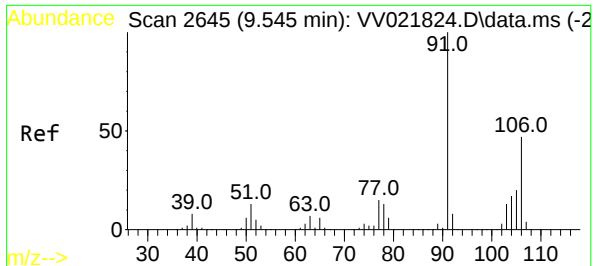
Tgt Ion: 91 Resp: 696143
Ion Ratio Lower Upper
91 100
106 31.4 22.2 41.2



#53
m,p-Xylene
Concen: 52.563 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion:106 Resp: 271301
Ion Ratio Lower Upper
106 100
91 199.6 139.2 258.6

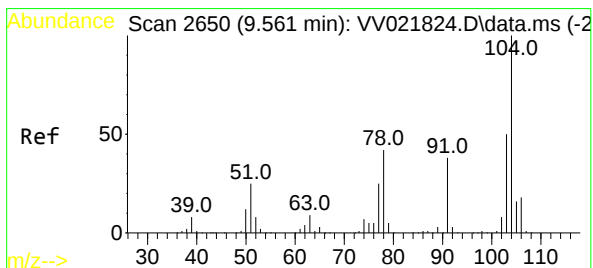
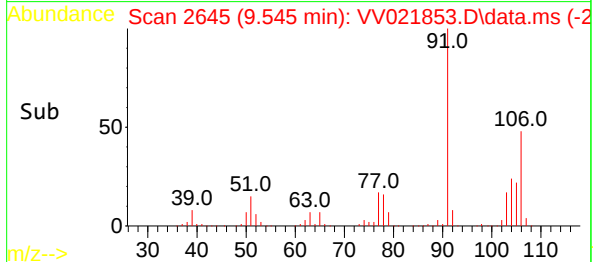
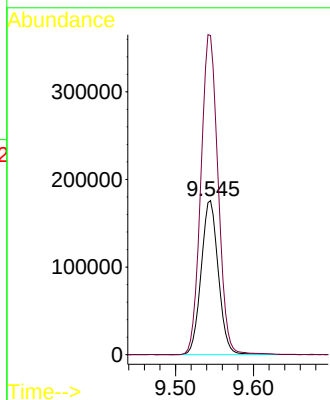
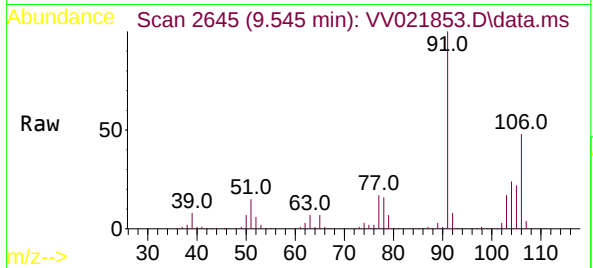




#54
o-Xylene
Concen: 52.645 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

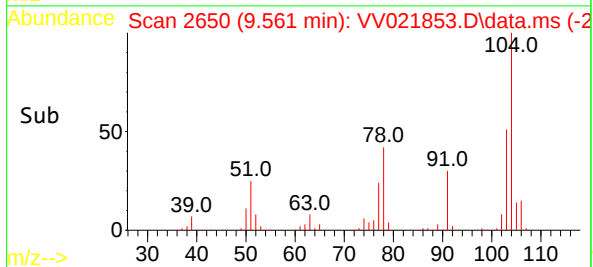
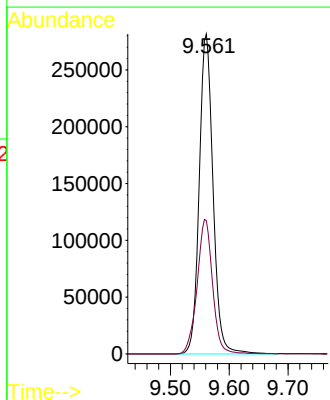
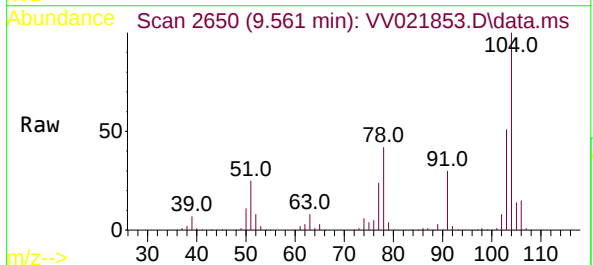
Instrument :
MSVOA_V
ClientSampled :

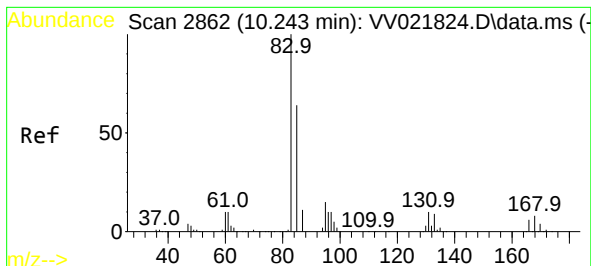
Tgt Ion:106 Resp: 269345
Ion Ratio Lower Upper
106 100
91 207.1 148.1 275.0



#55
Styrene
Concen: 53.670 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion:104 Resp: 459823
Ion Ratio Lower Upper
104 100
78 41.6 30.2 56.2

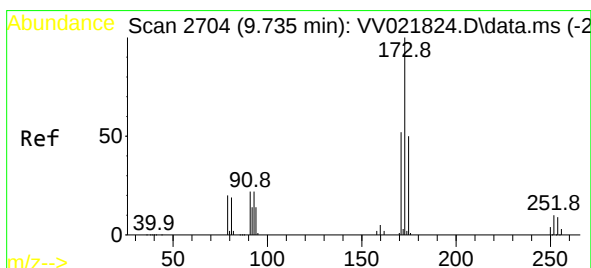
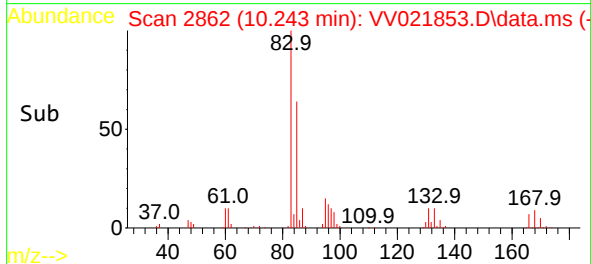
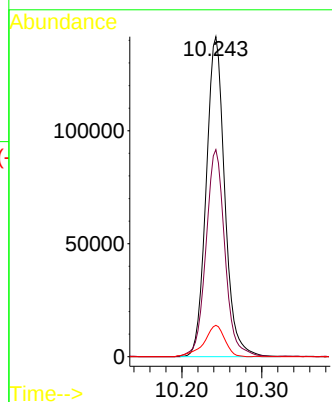
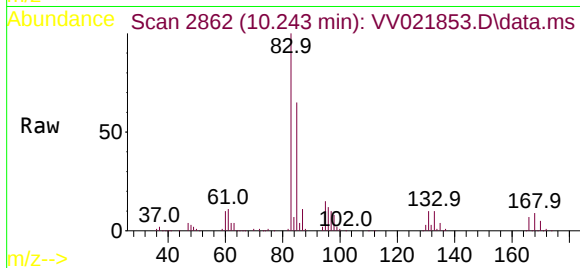




#57
1,1,2,2-Tetrachloroethane
Concen: 55.439 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

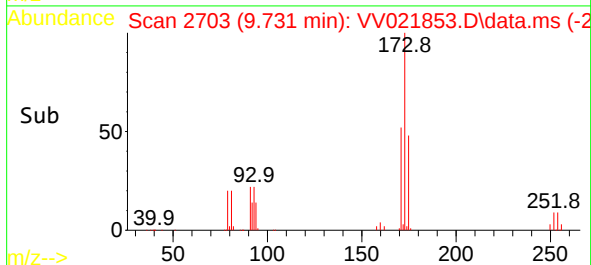
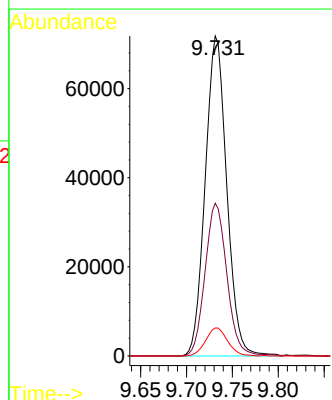
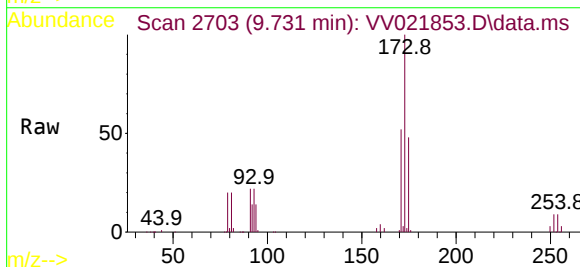
Instrument :
MSVOA_V
ClientSampleId :

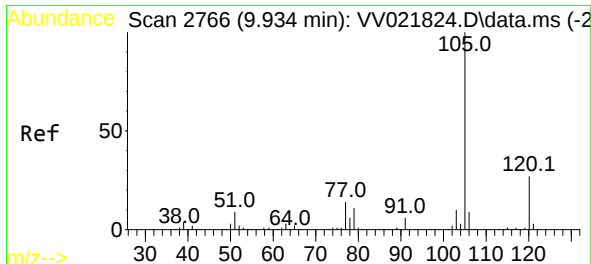
Tgt Ion: 83 Resp: 228814
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.5
131 9.8 7.9 11.9



#59
Bromoform
Concen: 48.165 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 173 Resp: 117483
Ion Ratio Lower Upper
173 100
175 48.4 38.6 58.0
254 8.9 7.2 10.8

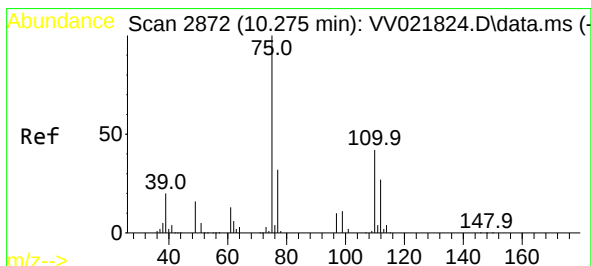
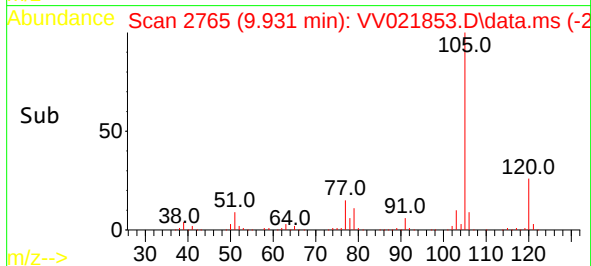
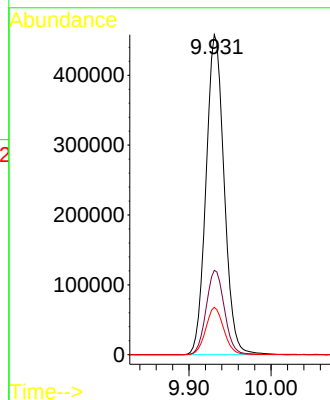
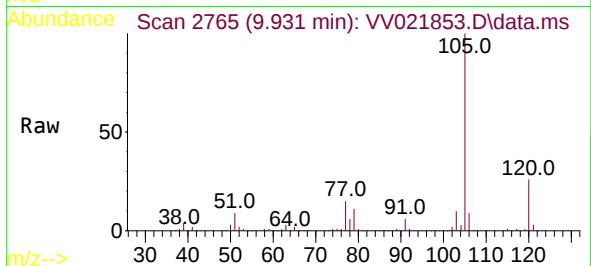




#60
Isopropylbenzene
Concen: 51.139 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

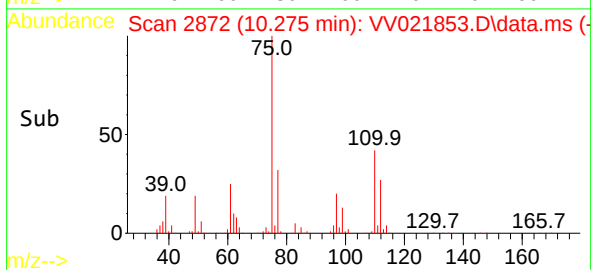
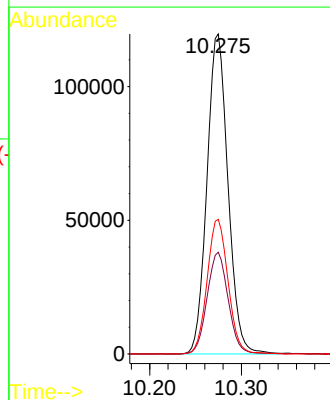
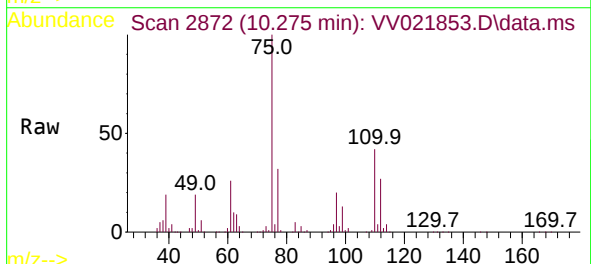
Instrument :
MSVOA_V
ClientSampleId :

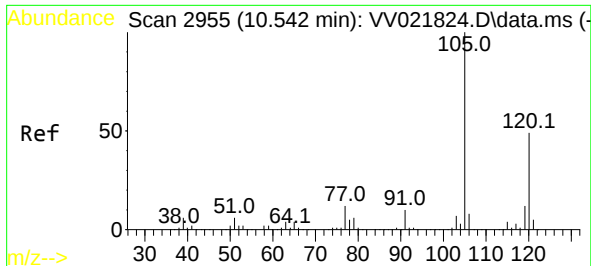
Tgt Ion:105 Resp: 703483
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 50.171 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 75 Resp: 190244
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
110 42.0 33.4 50.2

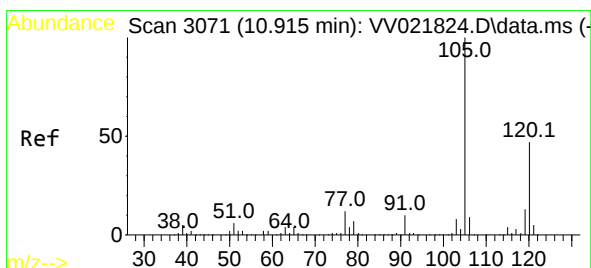
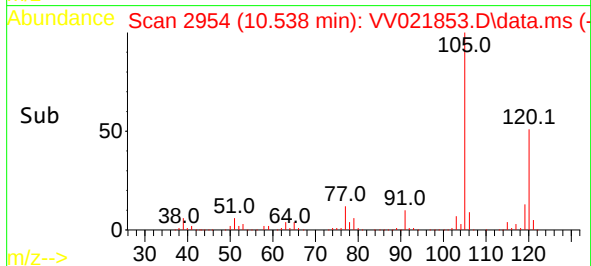
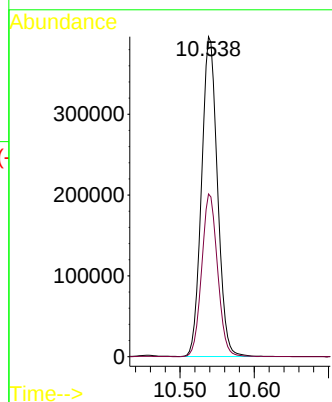
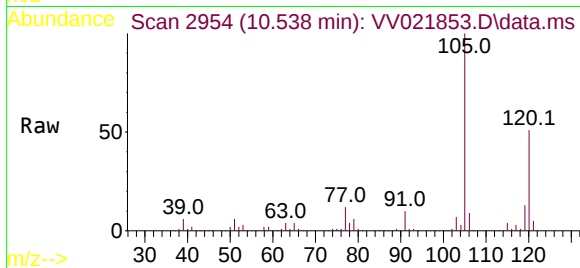




#62
1,3,5-Trimethylbenzene
Concen: 51.157 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

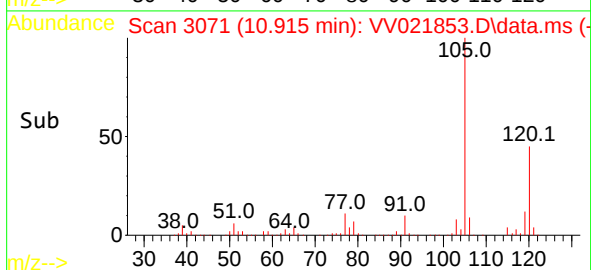
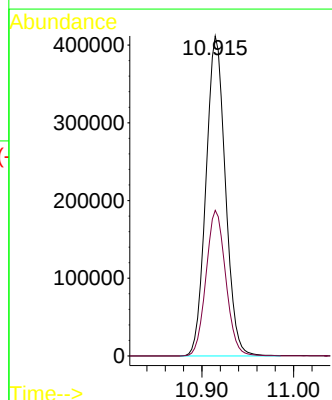
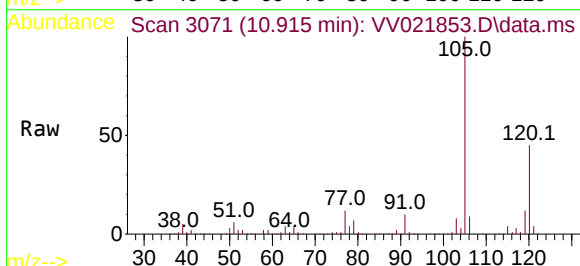
Instrument :
MSVOA_V
ClientSampled :

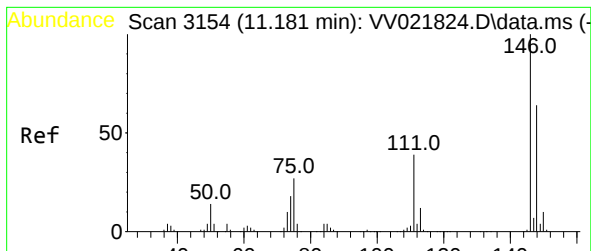
Tgt Ion:105 Resp: 590557
Ion Ratio Lower Upper
105 100
120 50.7 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 51.606 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion:105 Resp: 605729
Ion Ratio Lower Upper
105 100
120 46.3 37.3 55.9

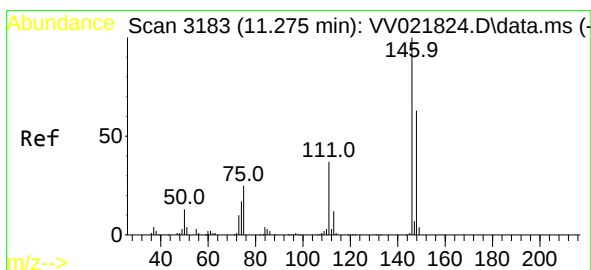
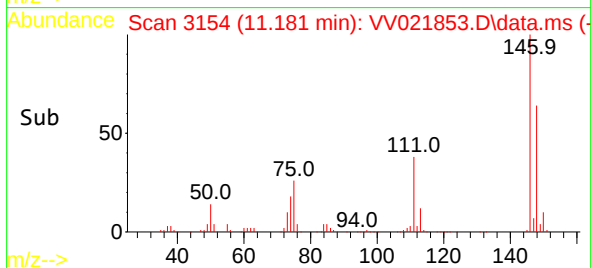
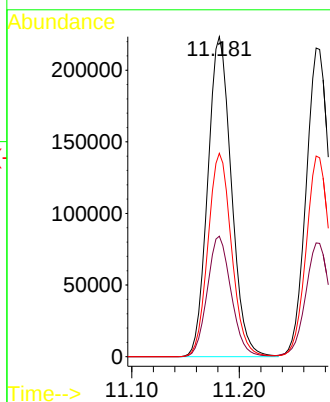
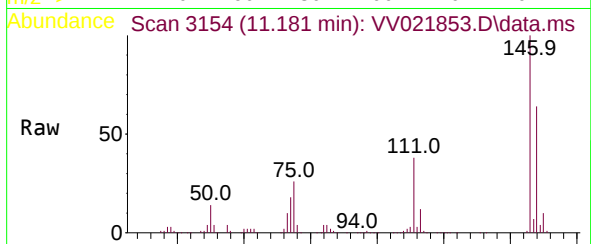




#64
1,3-Dichlorobenzene
Concen: 51.235 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

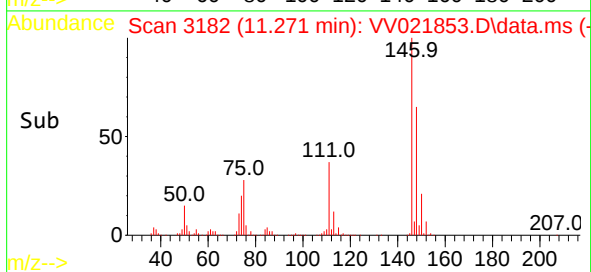
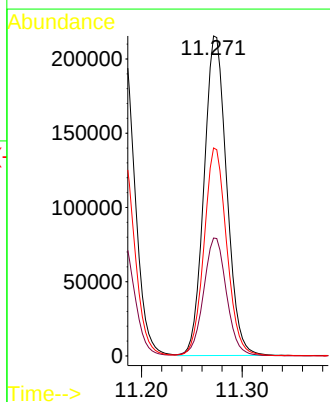
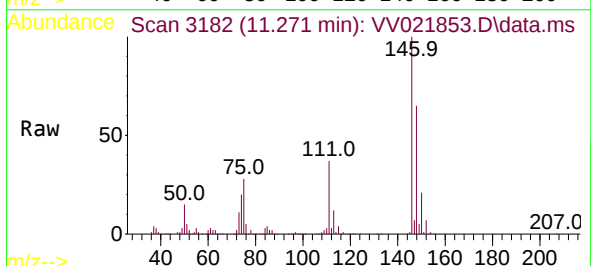
Instrument :
MSVOA_V
ClientSampled :

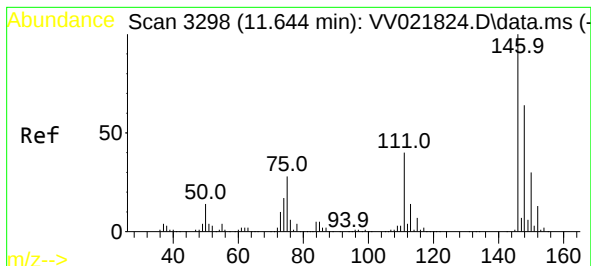
Tgt Ion:146 Resp: 341314
Ion Ratio Lower Upper
146 100
111 37.7 26.5 49.1
148 63.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 50.663 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion:146 Resp: 336891
Ion Ratio Lower Upper
146 100
111 36.8 26.2 48.6
148 65.0 45.1 83.9

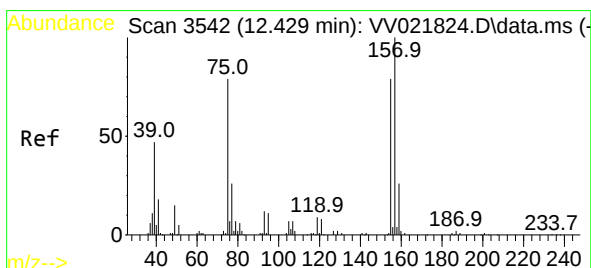
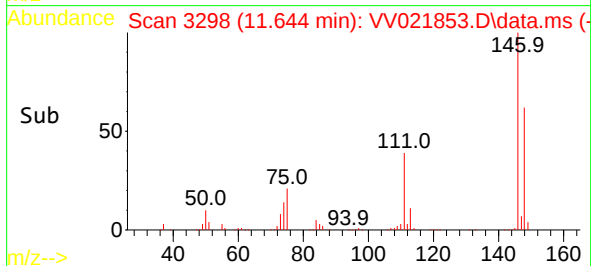
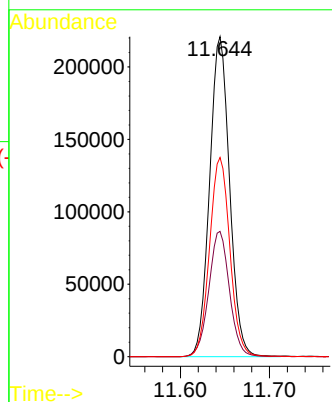
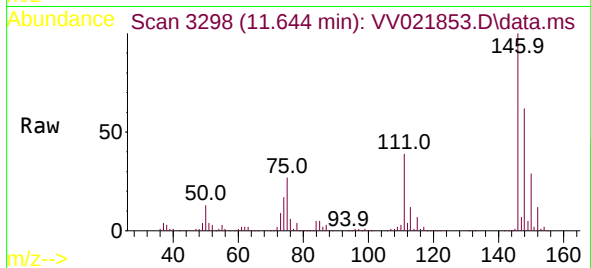




#67
1,2-Dichlorobenzene
Concen: 51.184 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

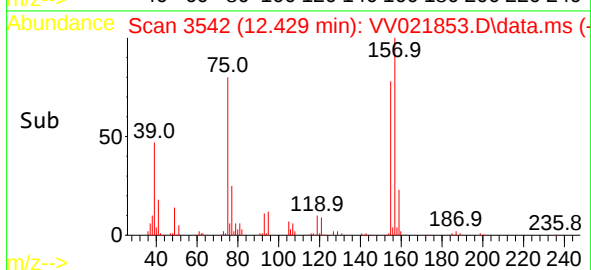
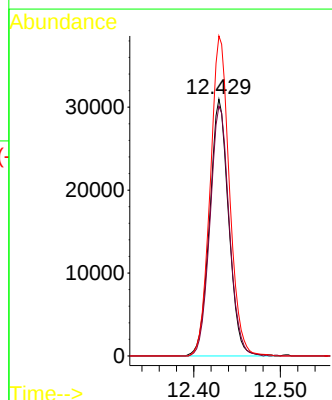
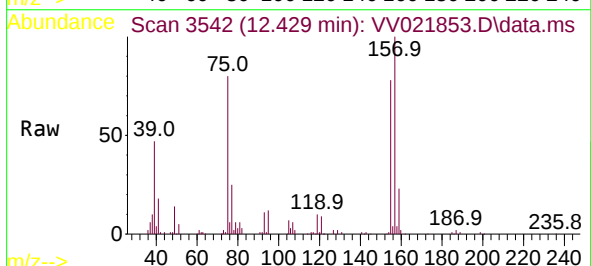
Instrument :
MSVOA_V
ClientSampled :

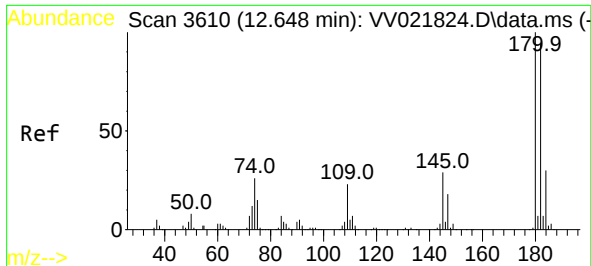
Tgt Ion:146 Resp: 343974
Ion Ratio Lower Upper
146 100
111 39.2 31.8 47.8
148 62.3 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 51.294 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion: 75 Resp: 47289
Ion Ratio Lower Upper
75 100
155 97.2 77.8 116.8
157 124.6 99.4 149.0

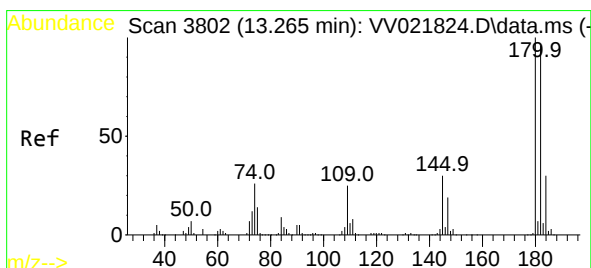
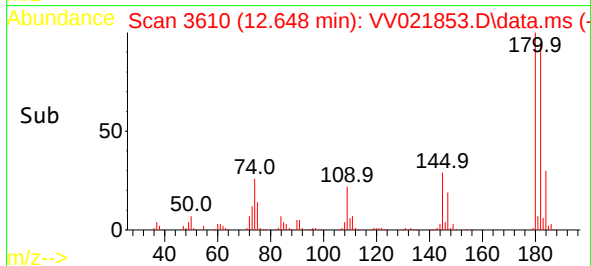
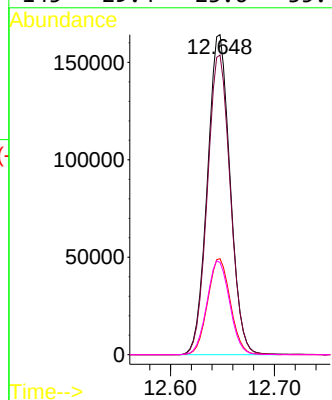
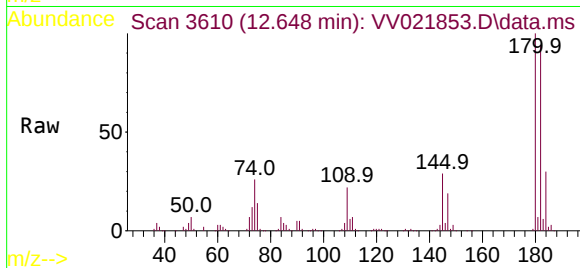




#69
1,3,5-Trichlorobenzene
Concen: 51.473 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

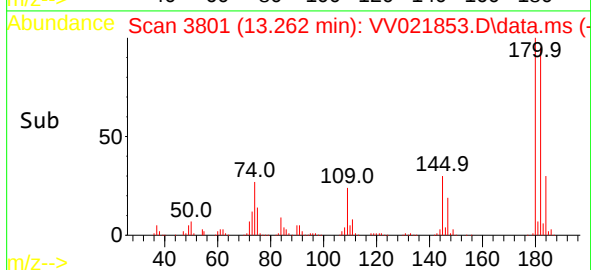
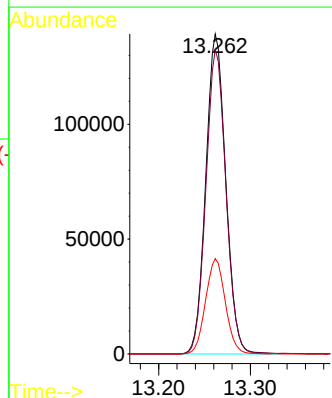
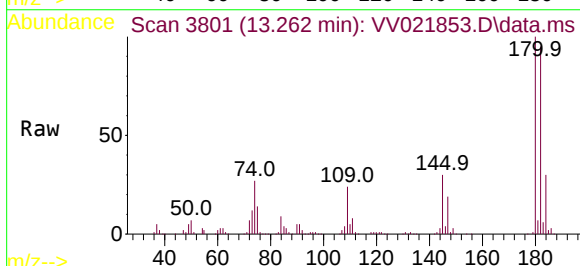
Instrument :
MSVOA_V
ClientSampleId :

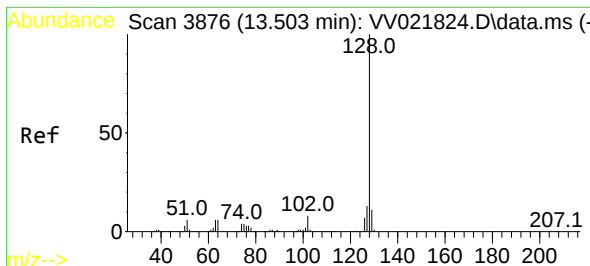
Tgt Ion:	180	Resp:	248559
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
184	30.1	24.1	36.1
145	29.4	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 52.047 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion:	180	Resp:	210785
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	29.5	23.9	35.9

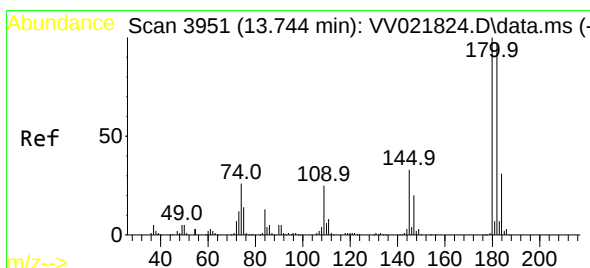
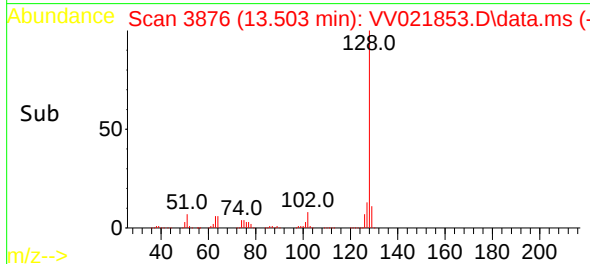
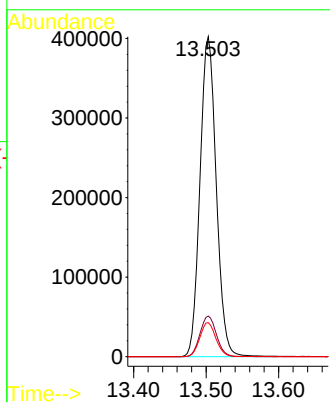
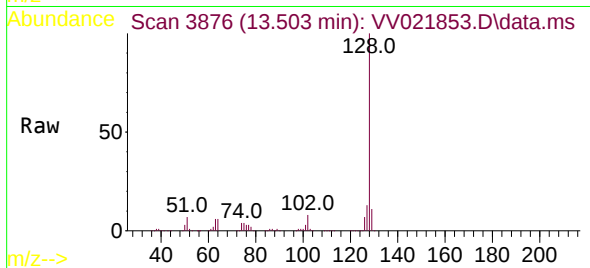




#71
Naphthalene
Concen: 53.284 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 626840
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 51.945 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021853.D
Acq: 18 Aug 2021 09:47

Tgt Ion:180 Resp: 211336
Ion Ratio Lower Upper
180 100
182 94.6 76.2 114.2
145 31.7 25.6 38.4

