

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050521\
 Data File : VW021286.D
 Acq On : 05 May 2021 12:32
 Operator : SY/MD
 Sample : M2271-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 06 02:17:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 06 02:15:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	747699	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	708651	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	406428	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	109346	32.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.94%
7) Chloroethane-d5	1.568	69	108991	36.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.54%
11) 1,1-Dichloroethene-d2	2.111	63	330945	35.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.54%
21) 2-Butanone-d5	3.899	46	253064	95.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.09%
24) Chloroform-d	4.352	84	444509	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
26) 1,2-Dichloroethane-d4	5.037	65	336704	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.22%
32) Benzene-d6	5.053	84	695010	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
36) 1,2-Dichloropropane-d6	6.072	67	179378	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.58%
41) Toluene-d8	7.320	98	716580	42.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.74%
43) trans-1,3-Dichloroprop...	7.625	79	135789	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.10%
47) 2-Hexanone-d5	8.095	63	193408	99.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.90%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	314009	46.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.62%
66) 1,2-Dichlorobenzene-d4	11.632	152	358984	44.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	250279	41.46	ug/L	98
3) Chloromethane	1.243	50	150151	41.37	ug/L	97
5) Vinyl chloride	1.310	62	180920	40.00	ug/L	97
6) Bromomethane	1.523	94	154595	43.44	ug/L	97
8) Chloroethane	1.587	64	123324	42.20	ug/L	95
9) Trichlorofluoromethane	1.754	101	481529	40.59	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	216839	41.39	ug/L	94
12) 1,1-Dichloroethene	2.117	96	200974	42.93	ug/L	92
13) Acetone	2.195	43	211081	67.10	ug/L	87
14) Carbon disulfide	2.294	76	480622	40.92	ug/L	100
15) Methyl Acetate	2.439	43	163344	42.99	ug/L	98
16) Methylene chloride	2.510	84	203107	42.36	ug/L	94
17) trans-1,2-Dichloroethene	2.760	96	192819	41.13	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	732675	43.59	ug/L #	92
19) 1,1-Dichloroethane	3.191	63	349234	43.00	ug/L	98
20) cis-1,2-Dichloroethene	3.918	96	222986	43.26	ug/L	98
22) 2-Butanone	3.986	43	255090	84.96	ug/L	97
23) Bromochloromethane	4.249	128	134881	45.68	ug/L #	83
25) Chloroform	4.378	83	467402	43.71	ug/L	97

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

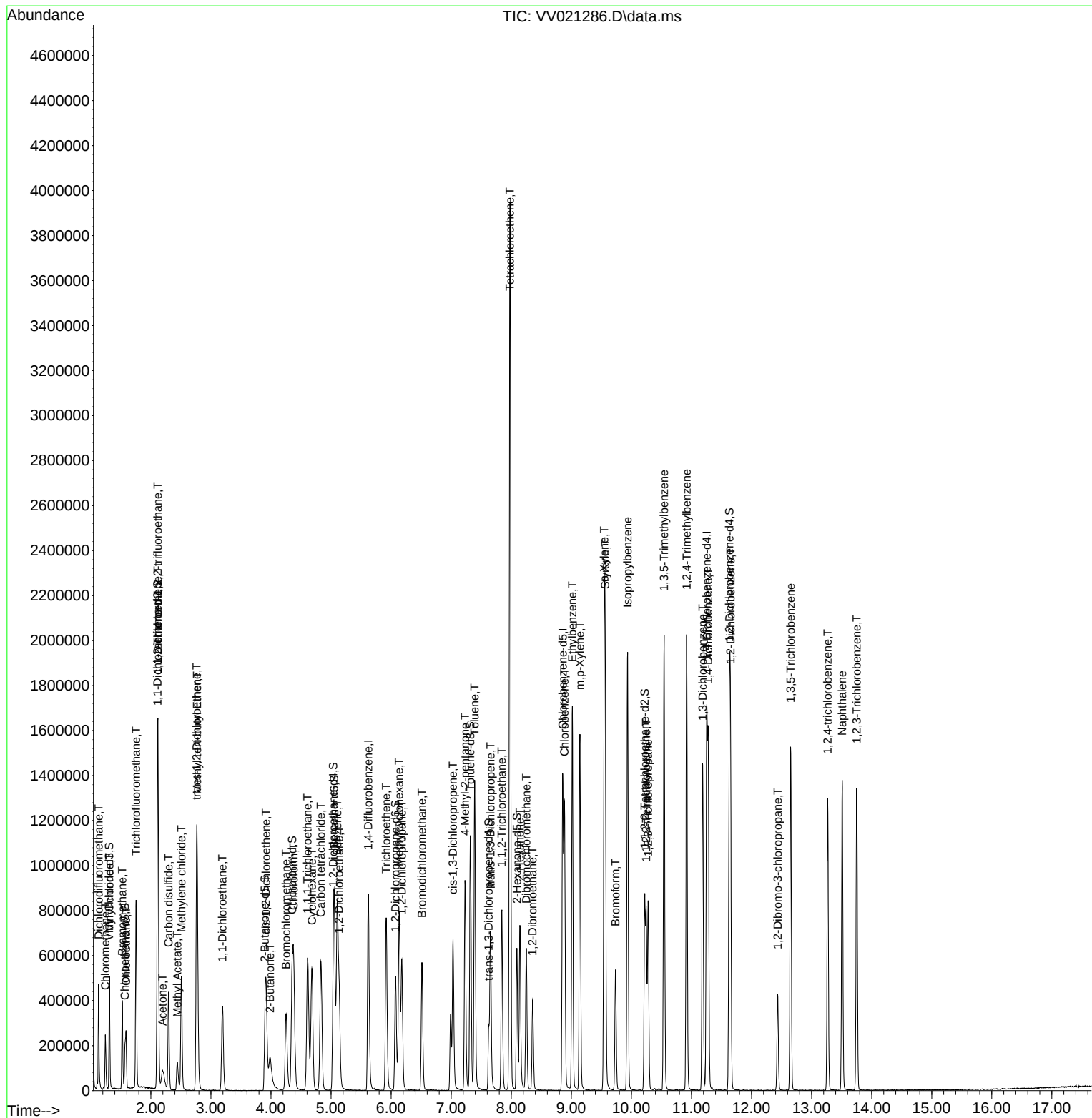
27) 1,2-Dichloroethane	5.133	62	428260	43.94	ug/L	96
29) Cyclohexane	4.683	56	252790	42.44	ug/L #	83
30) 1,1,1-Trichloroethane	4.609	97	484704	43.77	ug/L	99
31) Carbon tetrachloride	4.831	117	438713	42.61	ug/L	97
33) Benzene	5.104	78	791677	43.66	ug/L	100
34) Trichloroethene	5.918	95	256035	43.89	ug/L	96
35) Methylcyclohexane	6.133	83	331907	43.56	ug/L	96
37) 1,2-Dichloropropane	6.178	63	169286	44.22	ug/L #	94
38) Bromodichloromethane	6.513	83	353373	43.51	ug/L	95
39) cis-1,3-Dichloropropene	7.030	75	342030	45.79	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	496390	91.52	ug/L #	95
42) Toluene	7.391	91	964034	45.63	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	379435	46.57	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	219922	44.77	ug/L	94
46) Tetrachloroethene	7.979	164	823811	164.32	ug/L	96
48) 2-Hexanone	8.143	43	389602	89.42	ug/L #	96
49) Dibromochloromethane	8.249	129	310560	44.57	ug/L	97
50) 1,2-Dibromoethane	8.355	107	247739	44.78	ug/L	95
51) Chlorobenzene	8.886	112	655439	44.87	ug/L	97
52) Ethylbenzene	9.017	91	1117682	45.79	ug/L	98
53) m,p-Xylene	9.143	106	426155	44.46	ug/L	96
54) o-Xylene	9.548	106	423310	45.82	ug/L	92
55) Styrene	9.564	104	724641	46.07	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.246	83	307550	46.32	ug/L #	97
59) Bromoform	9.738	173	233762	42.97	ug/L	99
60) Isopropylbenzene	9.937	105	1187584	45.73	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	284191	42.77	ug/L	91
62) 1,3,5-Trimethylbenzene	10.545	105	1043750	45.89	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	1051860	46.09	ug/L	96
64) 1,3-Dichlorobenzene	11.188	146	567741	45.03	ug/L	94
65) 1,4-Dichlorobenzene	11.278	146	591114	45.78	ug/L	97
67) 1,2-Dichlorobenzene	11.651	146	583841	45.84	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	106145	45.93	ug/L	90
69) 1,3,5-Trichlorobenzene	12.651	180	449381	46.02	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	371710	46.76	ug/L	97
71) Naphthalene	13.509	128	1063788	48.72	ug/L	99
72) 1,2,3-Trichlorobenzene	13.750	180	379792	47.20	ug/L	97

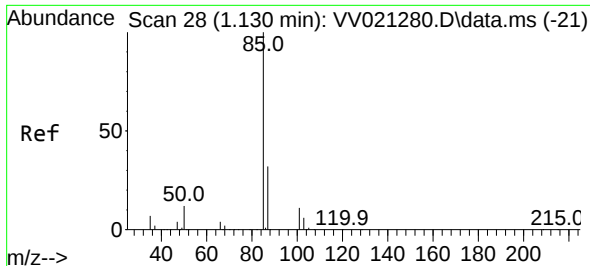
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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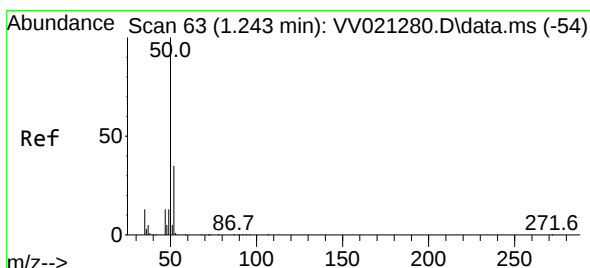
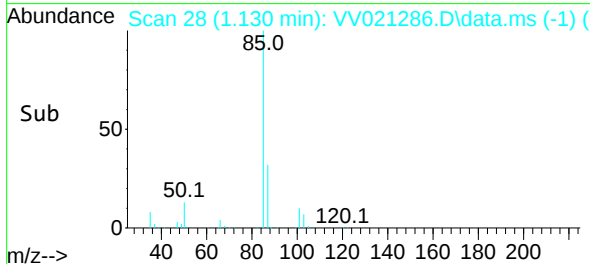
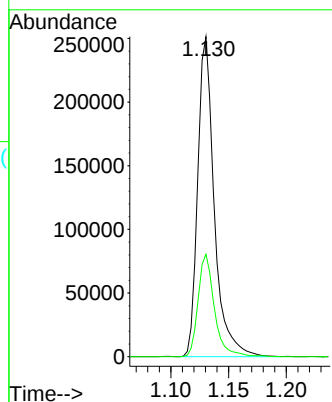
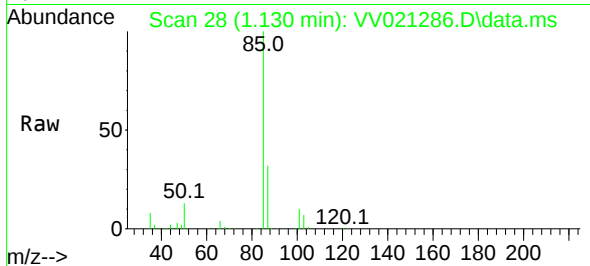




#2
Dichlorodifluoromethane
Concen: 41.46 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

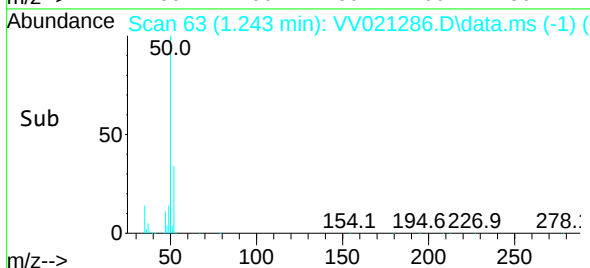
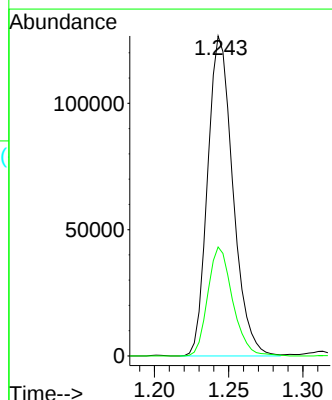
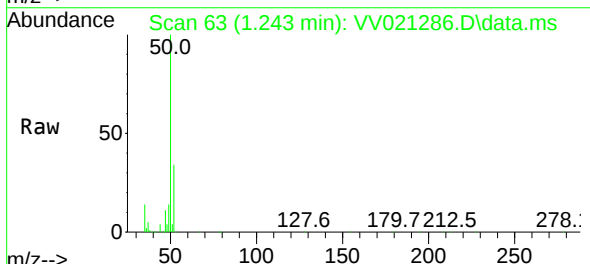
Instrument :
MSVOA_V
ClientSampled :

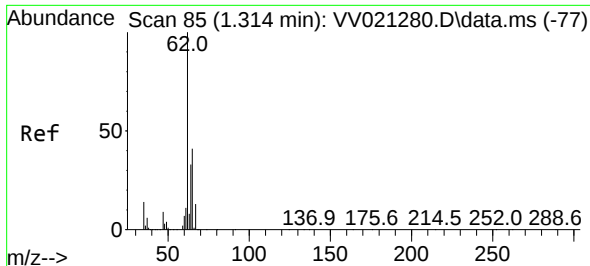
Tgt Ion: 85 Resp: 250279
Ion Ratio Lower Upper
85 100
87 31.4 25.8 38.8



#3
Chloromethane
Concen: 41.37 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 50 Resp: 150151
Ion Ratio Lower Upper
50 100
52 34.1 22.7 42.1

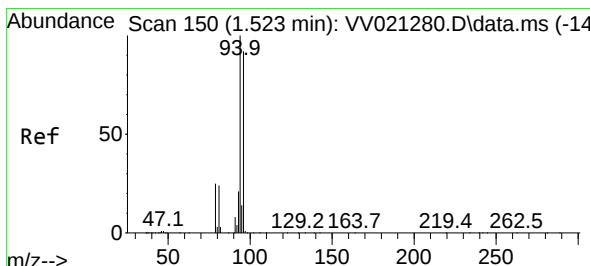
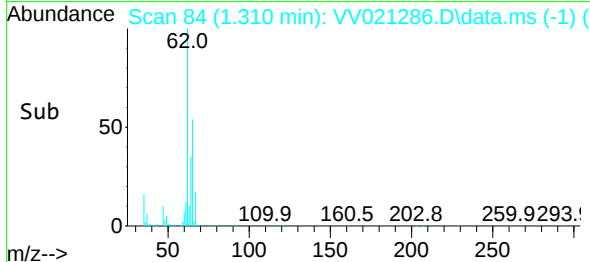
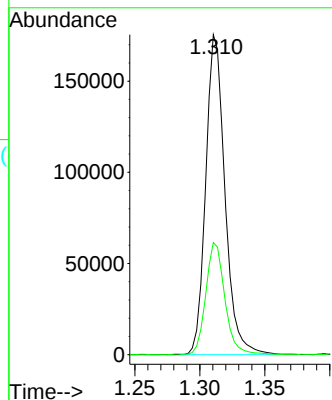
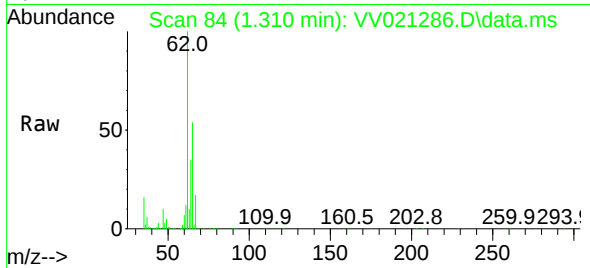




#5
 Vinyl chloride
 Concen: 40.00 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV021286.D
 Acq: 05 May 2021 12:32

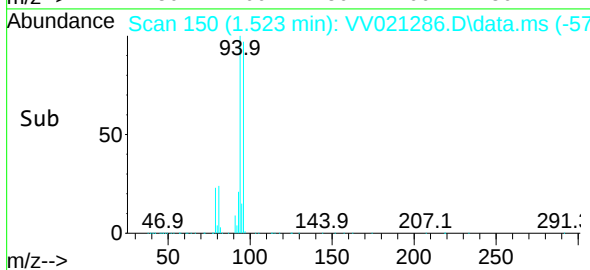
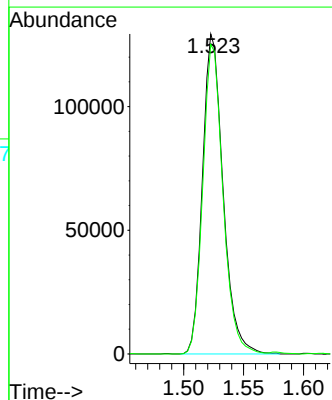
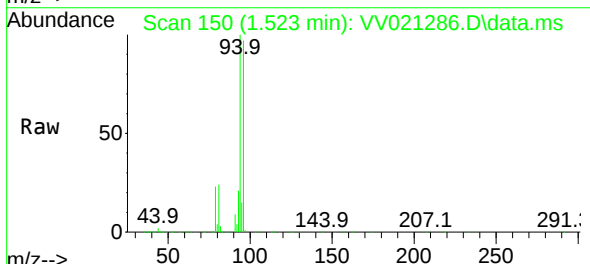
Instrument :
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 ClientSampled :

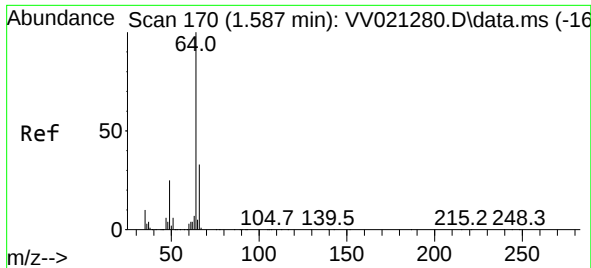
Tgt Ion: 62 Resp: 180920
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.2 43.2



#6
 Bromomethane
 Concen: 43.44 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV021286.D
 Acq: 05 May 2021 12:32

Tgt Ion: 94 Resp: 154595
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.7 122.1

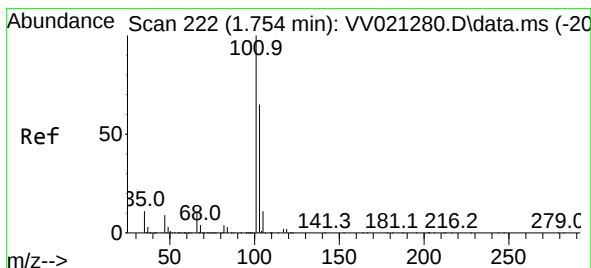
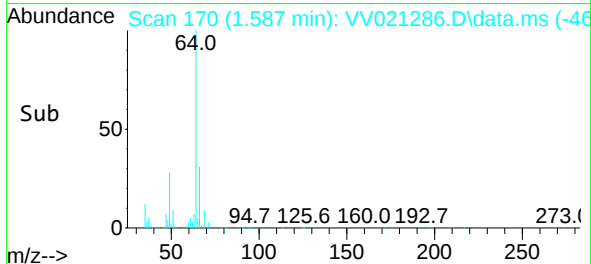
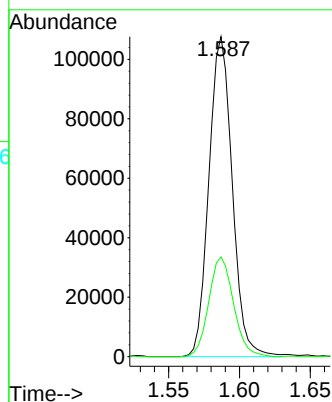
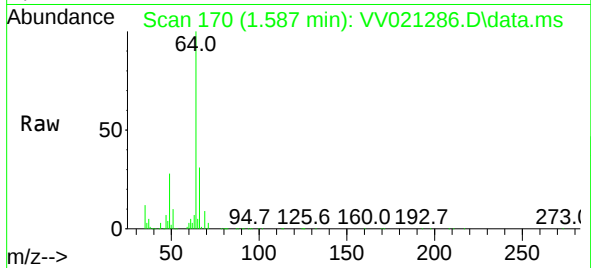




#8
Chloroethane
Concen: 42.20 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

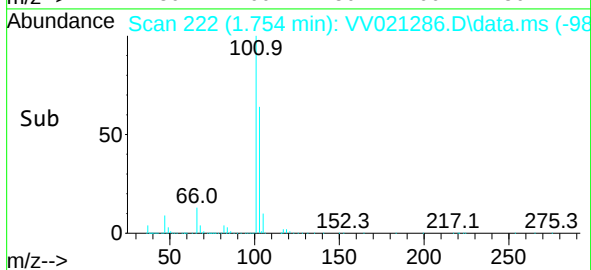
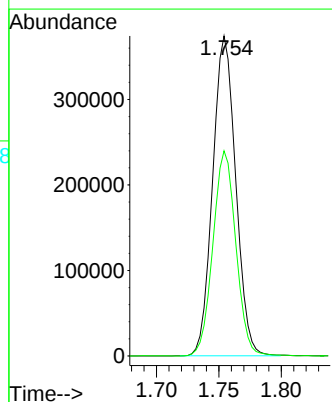
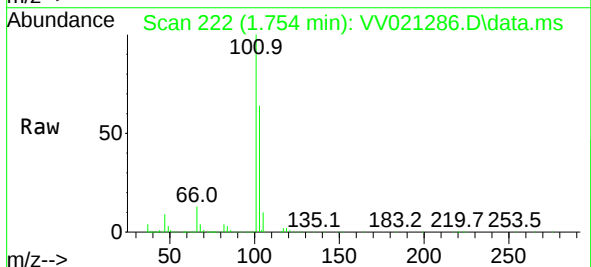
Instrument :
MSVOA_V
ClientSampled :

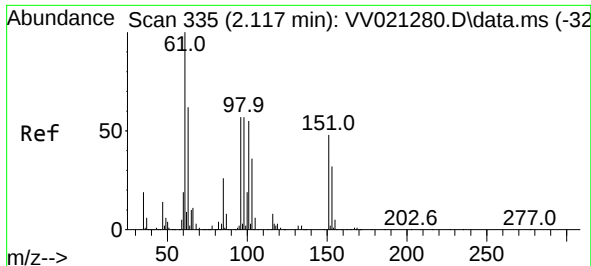
Tgt Ion: 64 Resp: 123324
Ion Ratio Lower Upper
64 100
66 31.2 23.7 43.9



#9
Trichlorofluoromethane
Concen: 40.59 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 101 Resp: 481529
Ion Ratio Lower Upper
101 100
103 64.0 53.0 79.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 41.39 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV021286.D

Acq: 05 May 2021 12:32

Tgt Ion:101 Resp: 216839

Ion Ratio Lower Upper

101 100

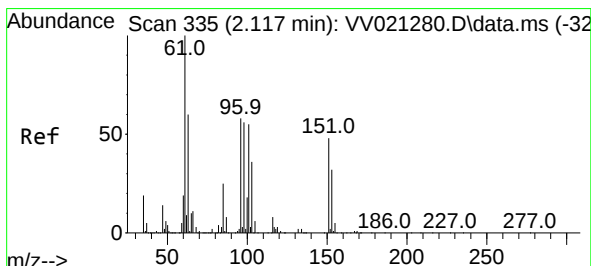
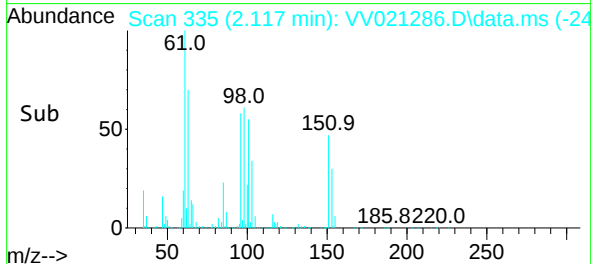
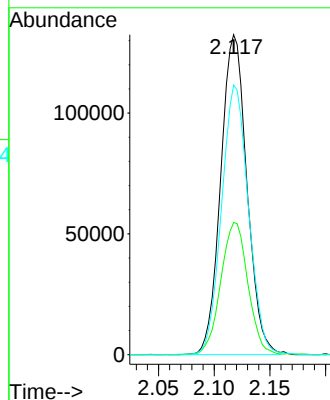
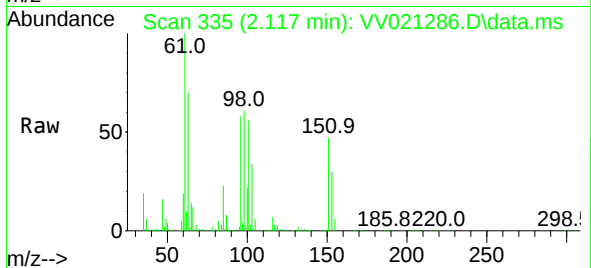
85 42.7 35.4 53.2

151 86.4 63.9 95.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 42.93 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV021286.D

Acq: 05 May 2021 12:32

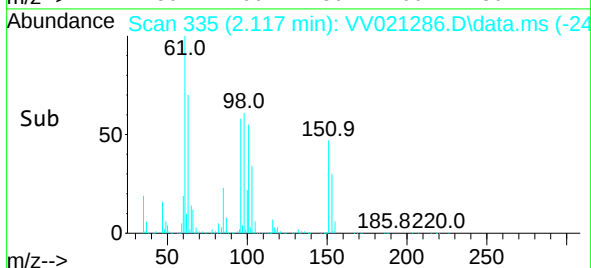
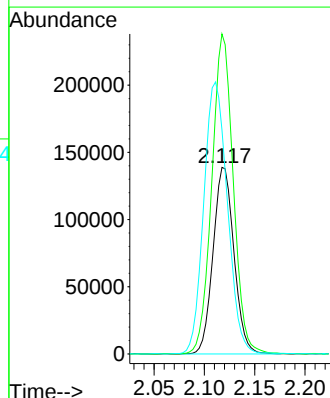
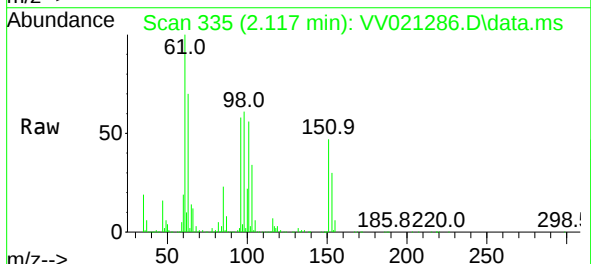
Tgt Ion: 96 Resp: 200974

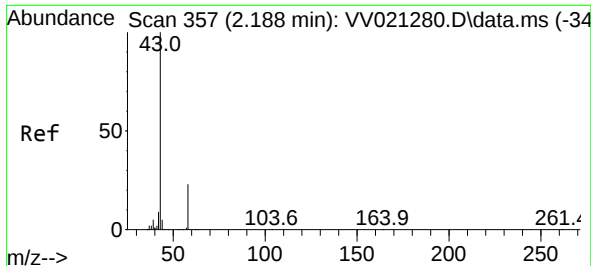
Ion Ratio Lower Upper

96 100

61 171.6 121.4 225.6

63 120.1 98.1 182.1

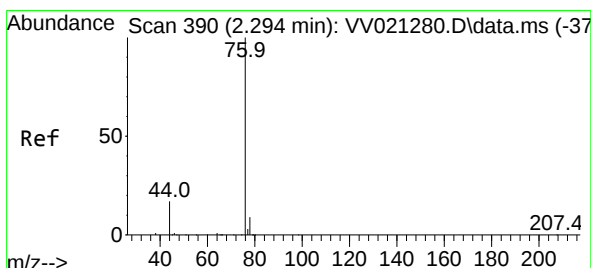
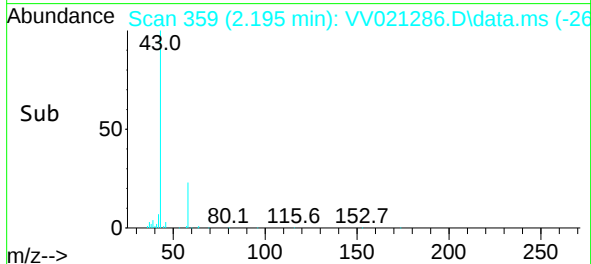
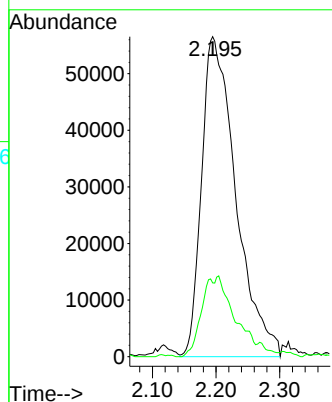
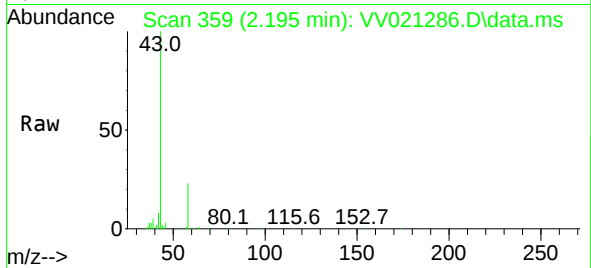




#13
Acetone
Concen: 67.10 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.006 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

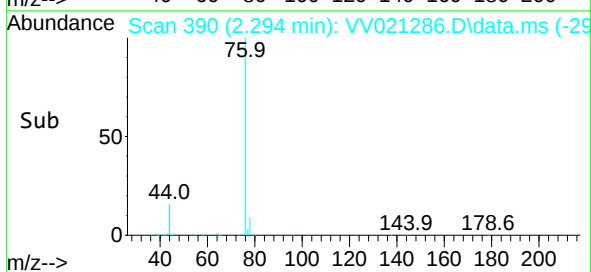
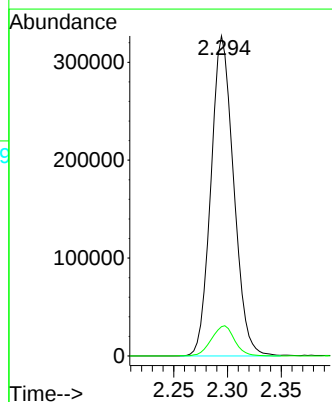
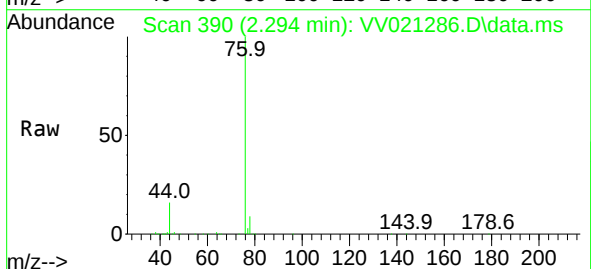
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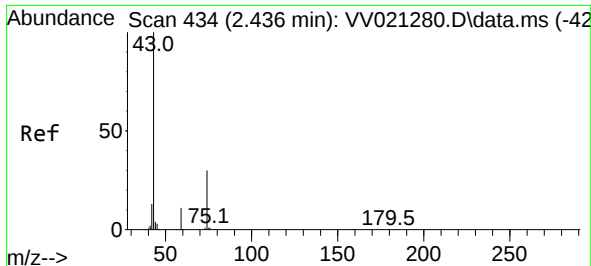
Tgt Ion: 43 Resp: 211081
Ion Ratio Lower Upper
43 100
58 10.1 0.0 30.8



#14
Carbon disulfide
Concen: 40.92 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 76 Resp: 480622
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

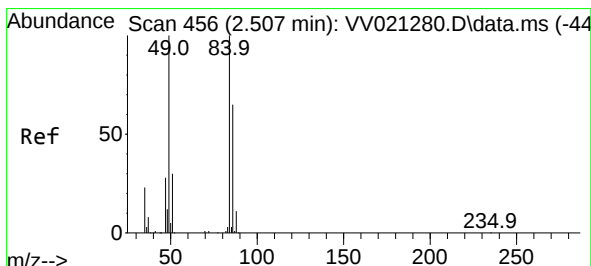
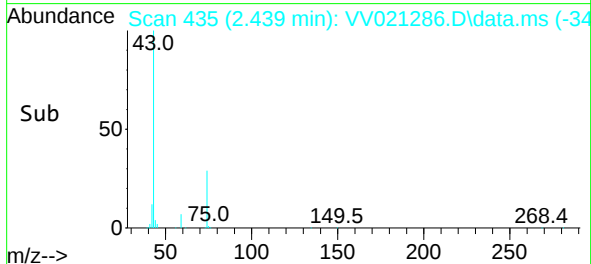
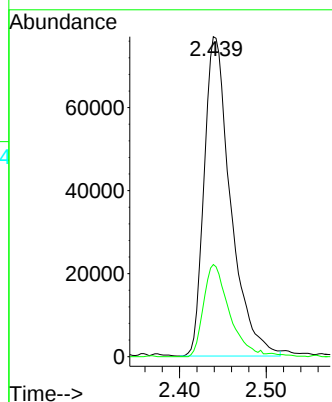
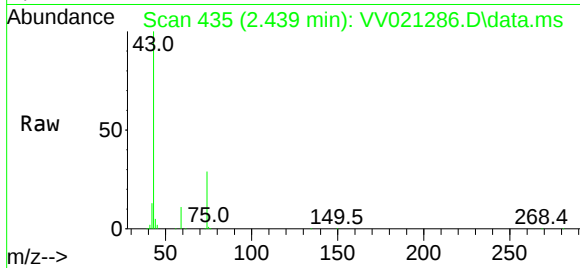




#15
Methyl Acetate
Concen: 42.99 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

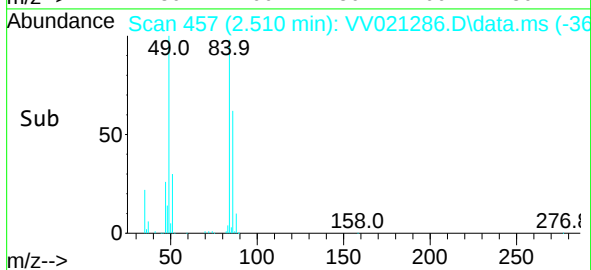
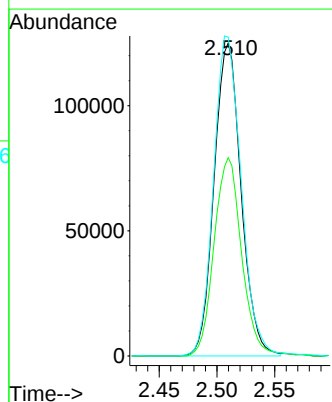
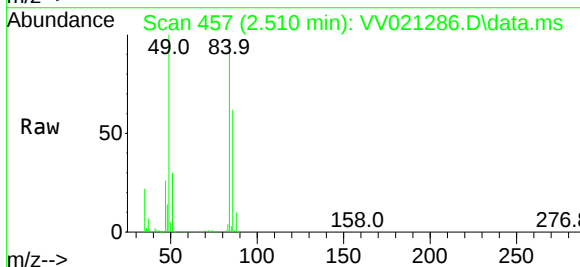
Instrument :
MSVOA_V
ClientSampled :

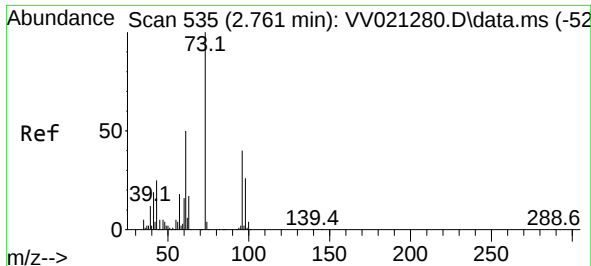
Tgt Ion: 43 Resp: 163344
Ion Ratio Lower Upper
43 100
74 27.6 21.2 31.8



#16
Methylene chloride
Concen: 42.36 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 84 Resp: 203107
Ion Ratio Lower Upper
84 100
86 63.4 44.9 83.5
49 102.0 78.1 145.1

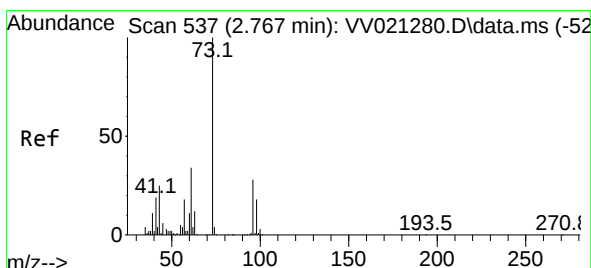
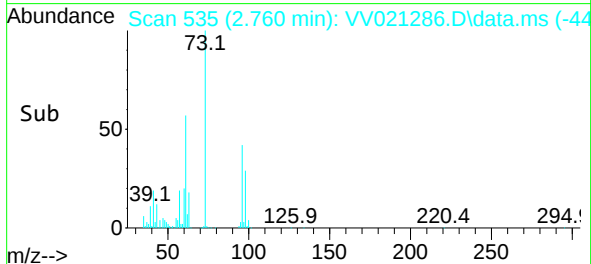
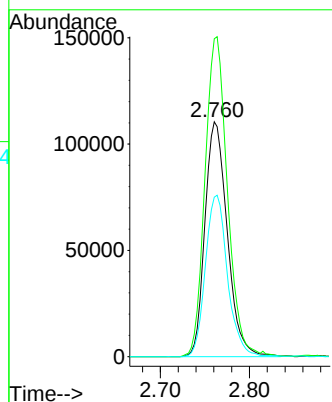
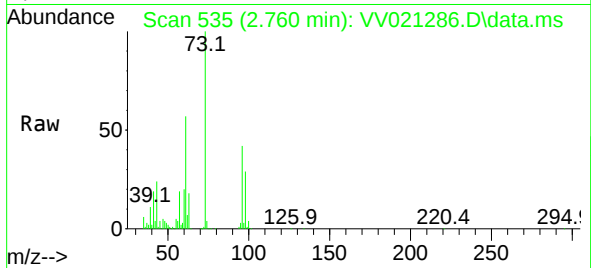




#17
trans-1,2-Dichloroethene
Concen: 41.13 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

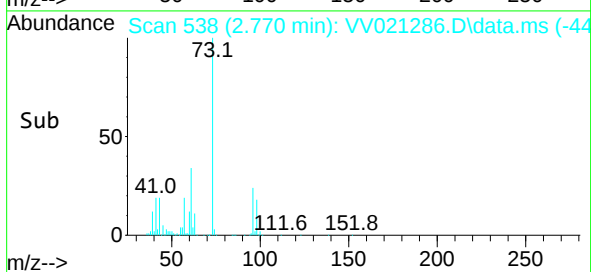
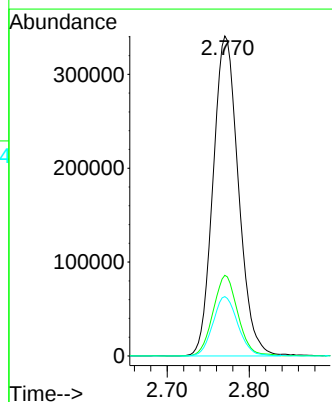
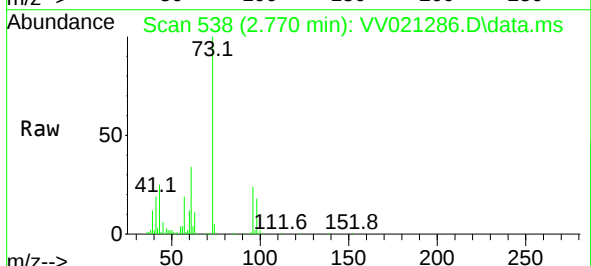
Instrument :
MSVOA_V
ClientSampleId :

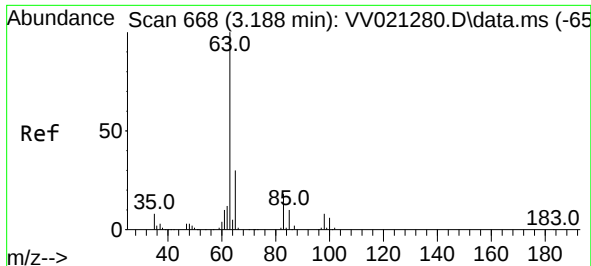
Tgt Ion: 96 Resp: 192819
Ion Ratio Lower Upper
96 100
61 135.4 89.3 165.9
98 67.9 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 43.59 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 73 Resp: 732675
Ion Ratio Lower Upper
73 100
43 24.4 14.7 22.1#
57 18.2 15.9 23.9





#19

1,1-Dichloroethane

Concen: 43.00 ug/L

RT: 3.191 min Scan# 669

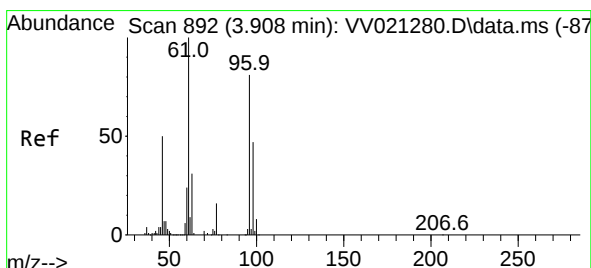
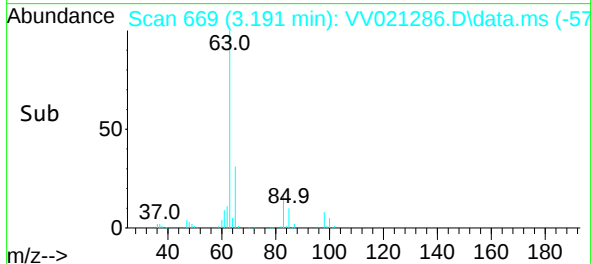
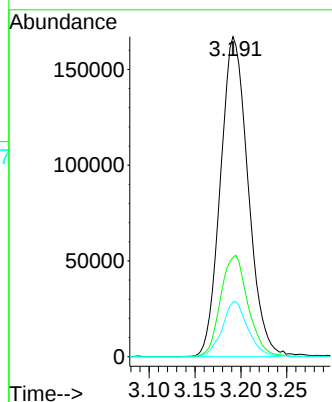
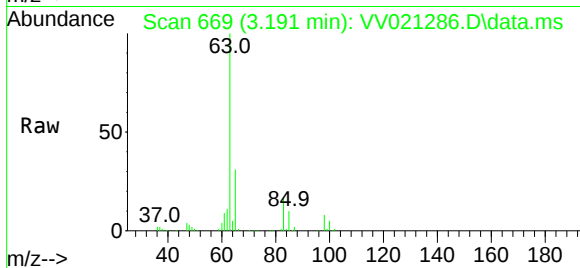
Delta R.T. 0.003 min

Lab File: VV021286.D

Acq: 05 May 2021 12:32

Tgt Ion: 63 Resp: 349234

Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.9	40.7
83	17.0	10.6	19.6



#20

cis-1,2-Dichloroethene

Concen: 43.26 ug/L

RT: 3.918 min Scan# 895

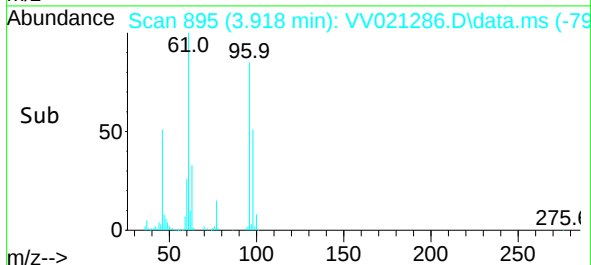
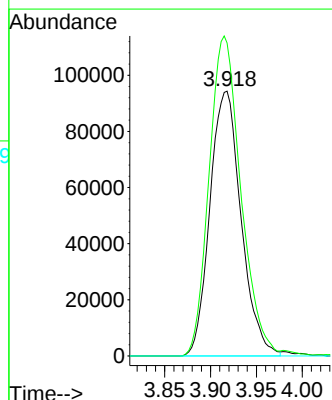
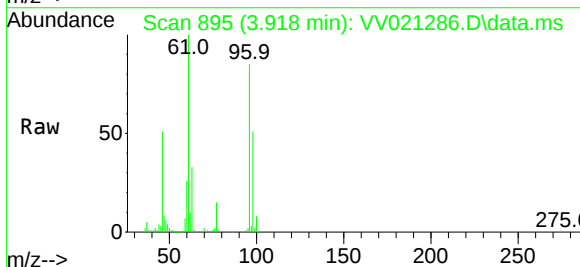
Delta R.T. 0.010 min

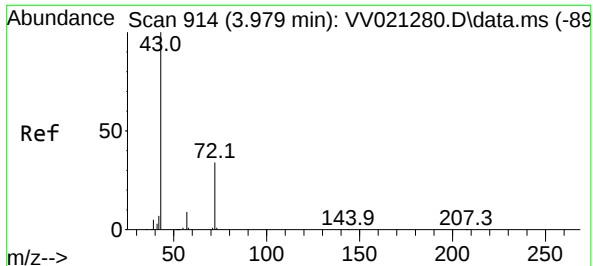
Lab File: VV021286.D

Acq: 05 May 2021 12:32

Tgt Ion: 96 Resp: 222986

Ion	Ratio	Lower	Upper
96	100		
61	118.2	84.4	156.7
68	0.0	0.0	0.0

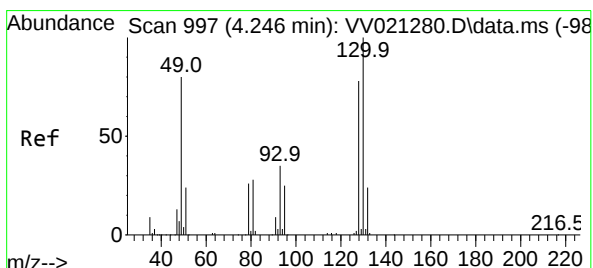
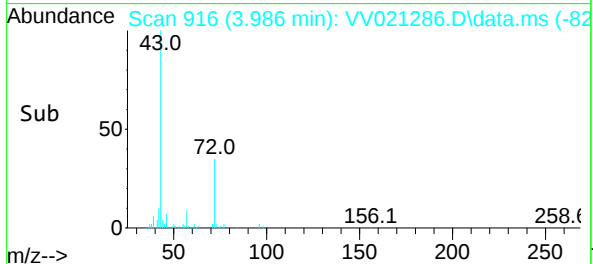
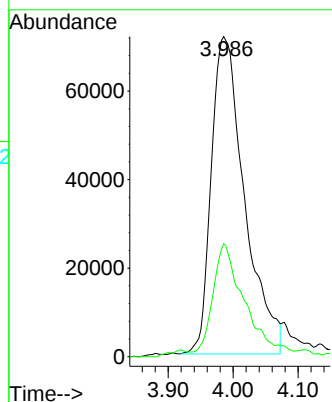
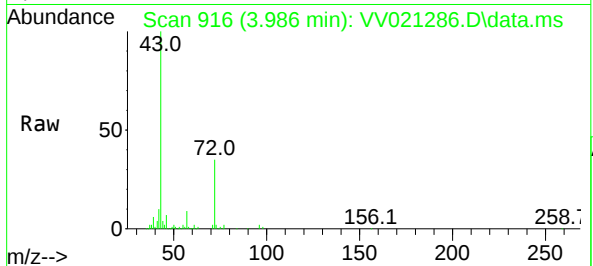




#22
2-Butanone
Concen: 84.96 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.006 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

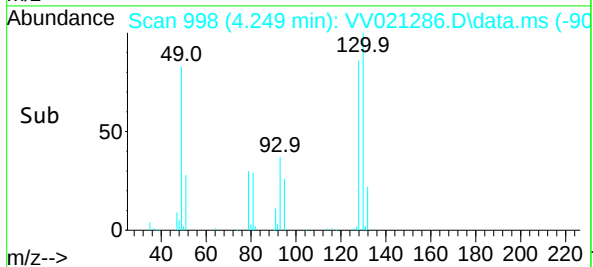
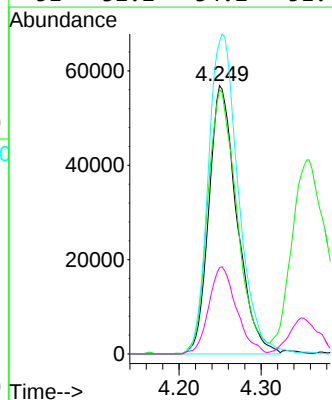
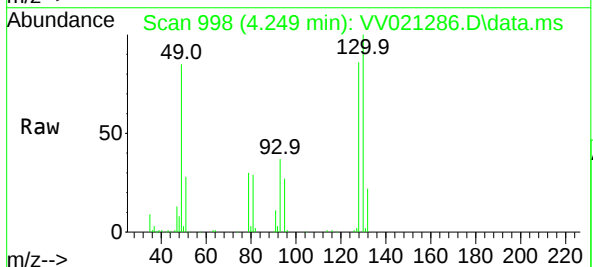
Instrument :
MSVOA_V
ClientSampled :

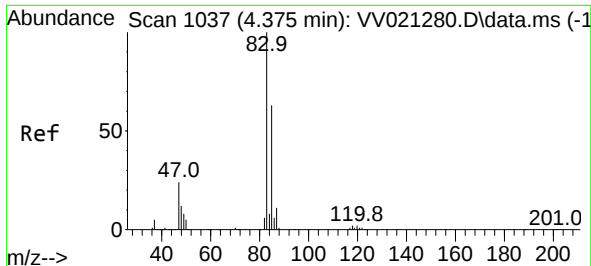
Tgt Ion: 43 Resp: 255090
Ion Ratio Lower Upper
43 100
72 27.8 13.2 39.6



#23
Bromochloromethane
Concen: 45.68 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 128 Resp: 134881
Ion Ratio Lower Upper
128 100
49 98.6 91.3 169.6
130 116.3 86.8 161.2
51 32.2 34.2 51.4#





#25

Chloroform

Concen: 43.71 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

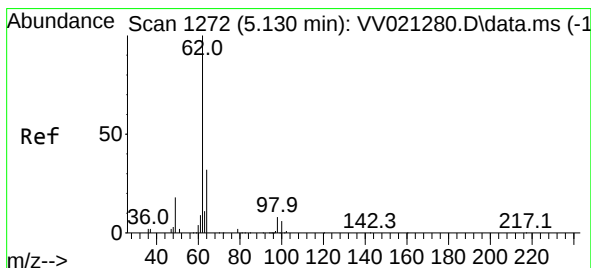
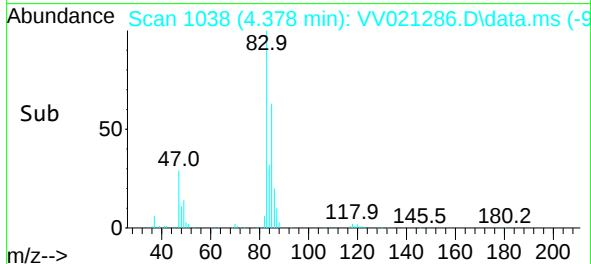
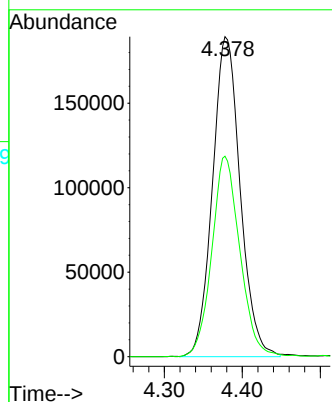
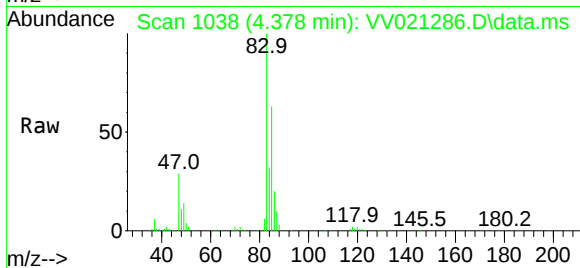
Lab File: VV021286.D

Acq: 05 May 2021 12:32

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 83 Resp: 467402

Ion	Ratio	Lower	Upper
83	100		
85	62.6	45.6	84.6



#27

1,2-Dichloroethane

Concen: 43.94 ug/L

RT: 5.133 min Scan# 1273

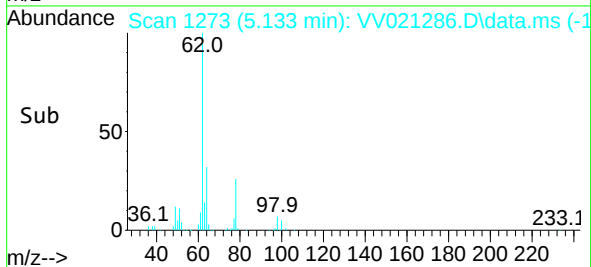
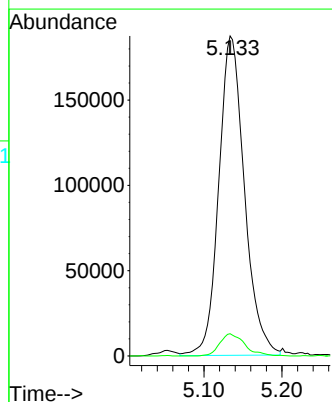
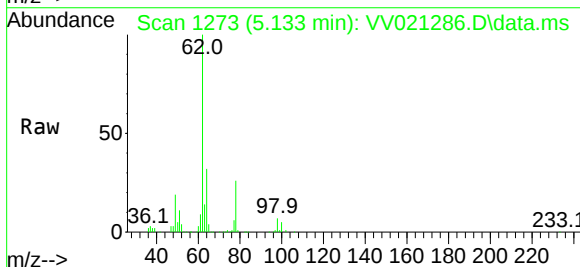
Delta R.T. 0.003 min

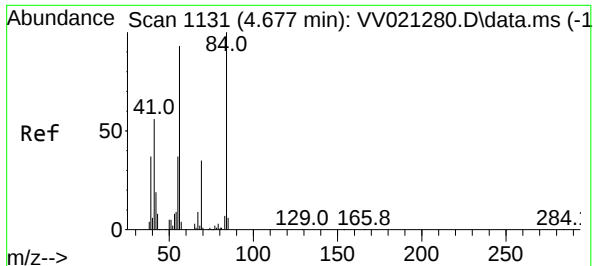
Lab File: VV021286.D

Acq: 05 May 2021 12:32

Tgt Ion: 62 Resp: 428260

Ion	Ratio	Lower	Upper
62	100		
98	6.9	6.7	10.1





#29

Cyclohexane

Concen: 42.44 ug/L

RT: 4.683 min Scan# 1133

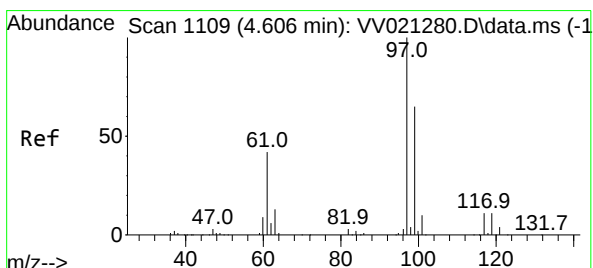
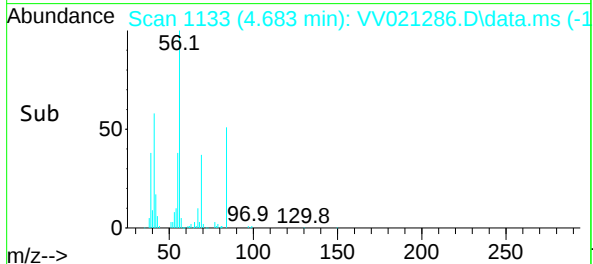
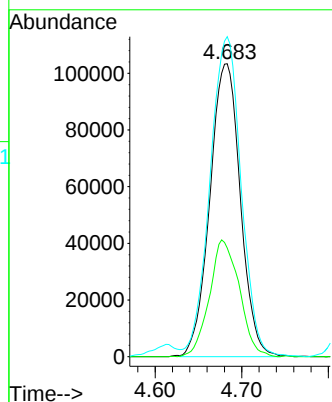
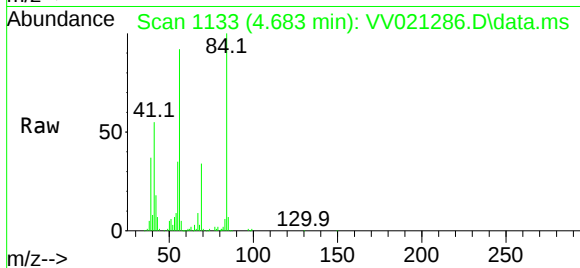
Delta R.T. 0.006 min

Lab File: VV021286.D

Acq: 05 May 2021 12:32

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 56 Resp: 252790
Ion Ratio Lower Upper
56 100
69 39.1 25.7 38.5#
84 111.9 75.7 113.5



#30

1,1,1-Trichloroethane

Concen: 43.77 ug/L

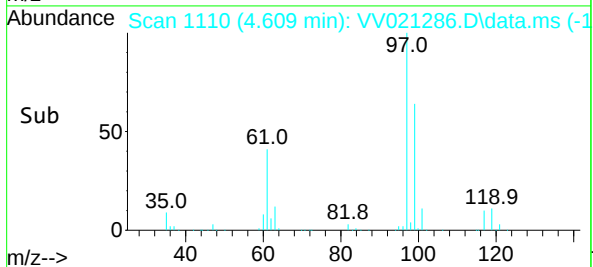
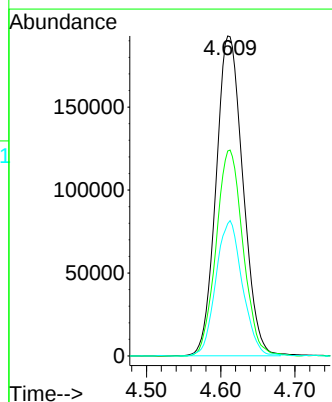
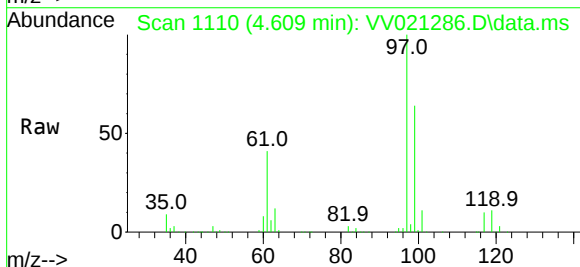
RT: 4.609 min Scan# 1110

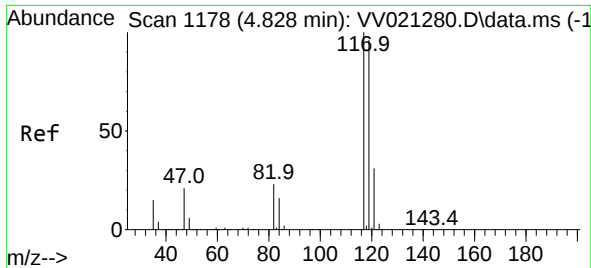
Delta R.T. 0.003 min

Lab File: VV021286.D

Acq: 05 May 2021 12:32

Tgt Ion: 97 Resp: 484704
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 41.7 32.1 48.1

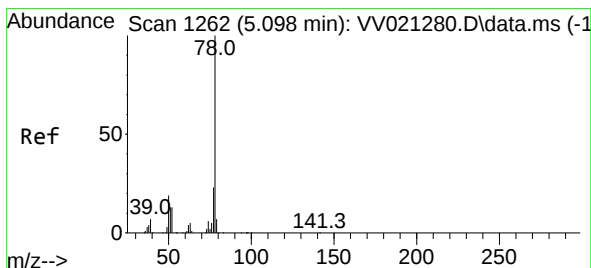
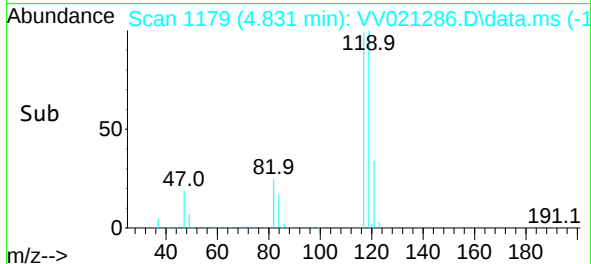
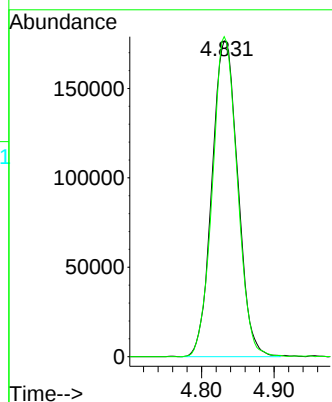
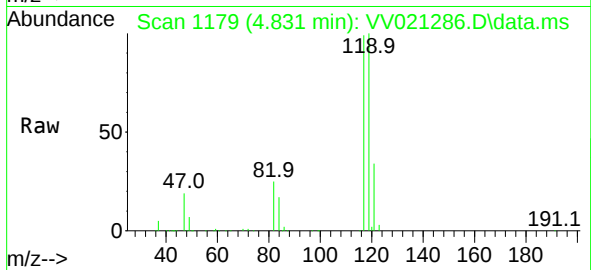




#31
Carbon tetrachloride
Concen: 42.61 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

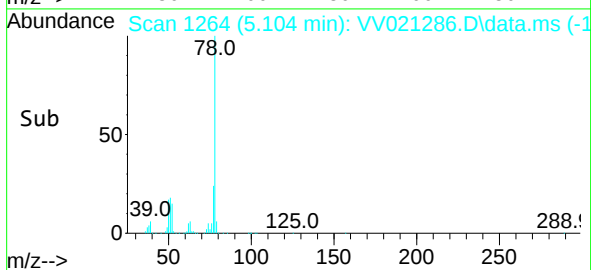
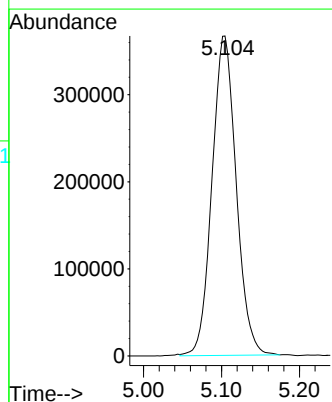
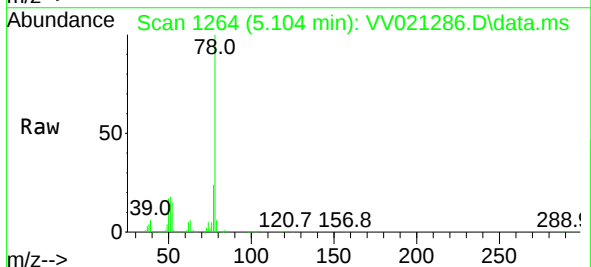
Instrument :
MSVOA_V
ClientSampled :

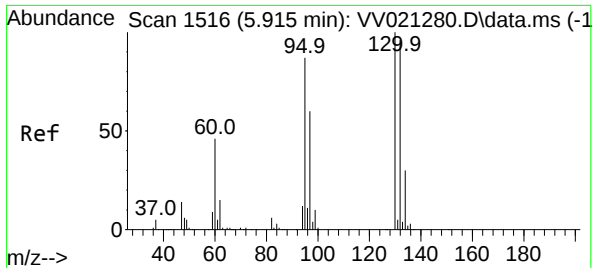
Tgt Ion:117 Resp: 438713
Ion Ratio Lower Upper
117 100
119 97.3 75.4 113.2



#33
Benzene
Concen: 43.66 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 78 Resp: 791677

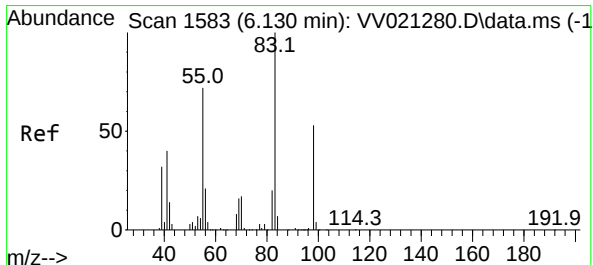
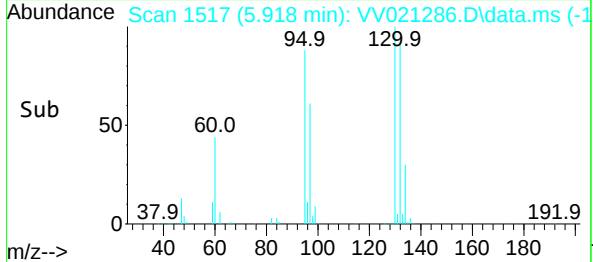
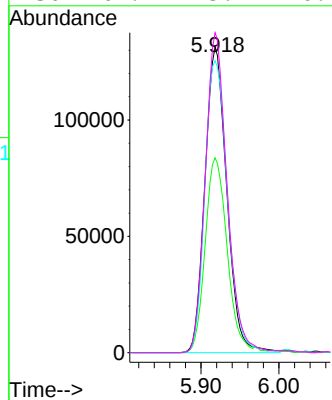
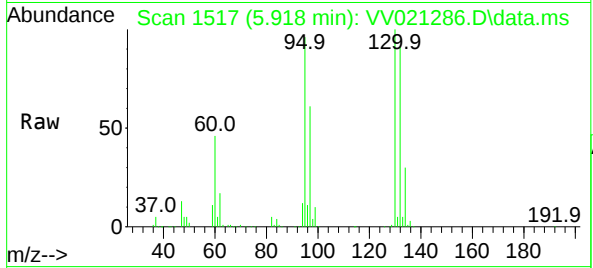




#34
Trichloroethene
Concen: 43.89 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

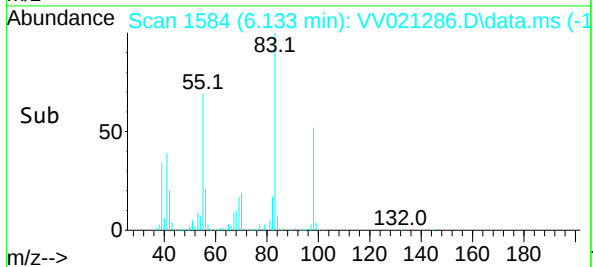
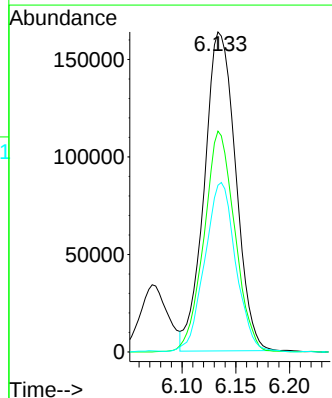
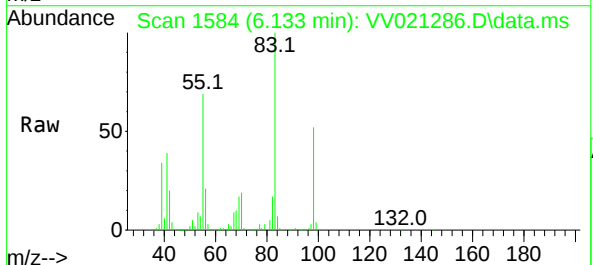
Instrument :
MSVOA_V
ClientSampled :

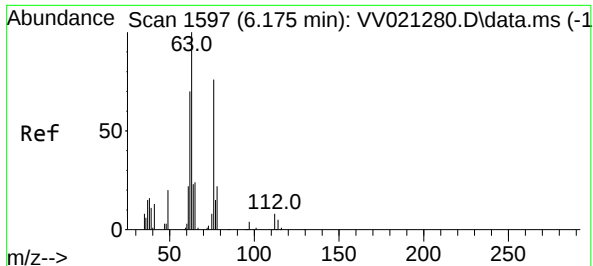
Tgt Ion: 95 Resp: 256035
Ion Ratio Lower Upper
95 100
97 63.7 45.5 84.5
132 95.5 71.0 131.8
130 104.7 75.7 140.7



#35
Methylcyclohexane
Concen: 43.56 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 83 Resp: 331907
Ion Ratio Lower Upper
83 100
55 68.1 58.2 87.2
98 52.7 40.6 60.8

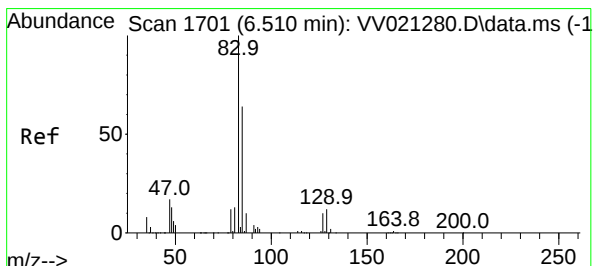
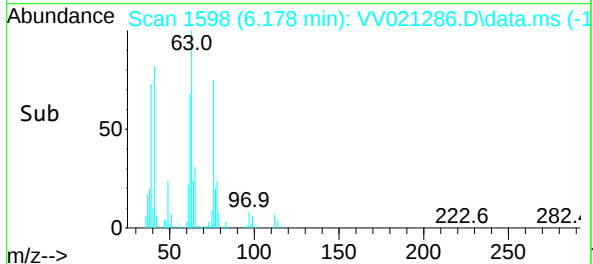
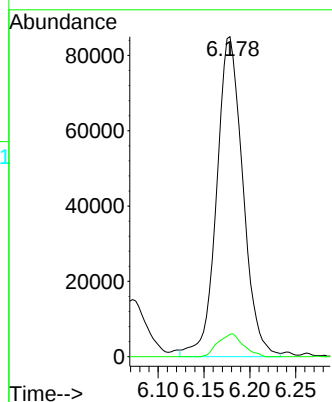
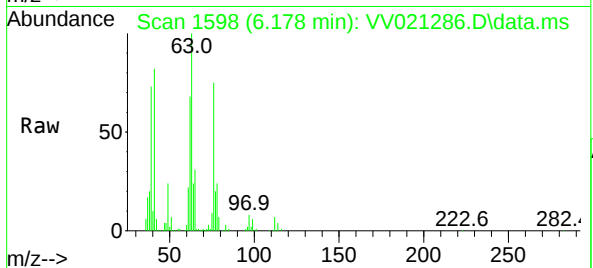




#37
1,2-Dichloropropane
Concen: 44.22 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

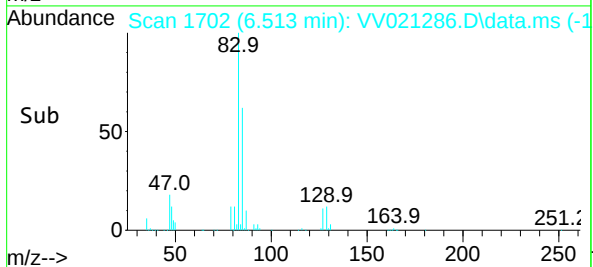
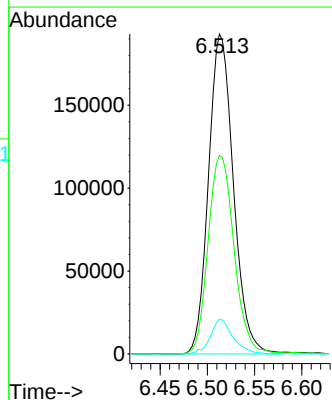
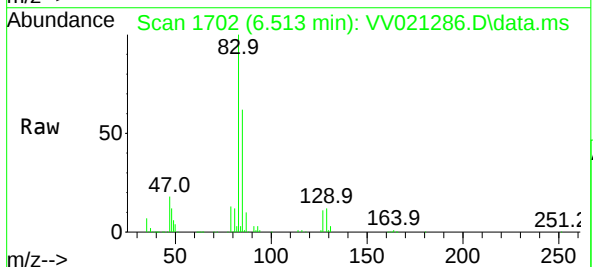
Instrument :
MSVOA_V
ClientSampled :

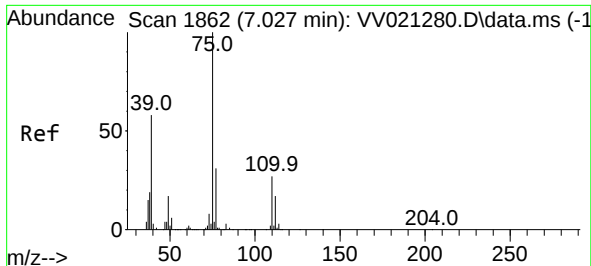
Tgt Ion: 63 Resp: 169286
Ion Ratio Lower Upper
63 100
112 6.9 3.9 5.9#



#38
Bromodichloromethane
Concen: 43.51 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 83 Resp: 353373
Ion Ratio Lower Upper
83 100
85 62.1 46.2 85.8
127 10.8 7.4 11.0

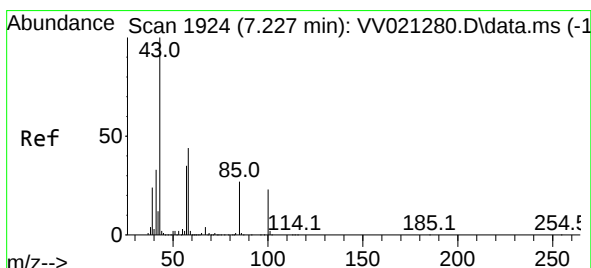
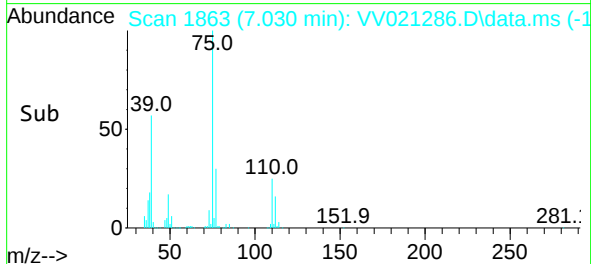
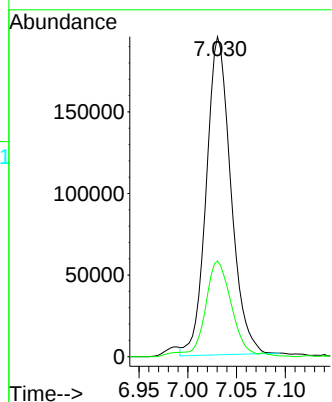
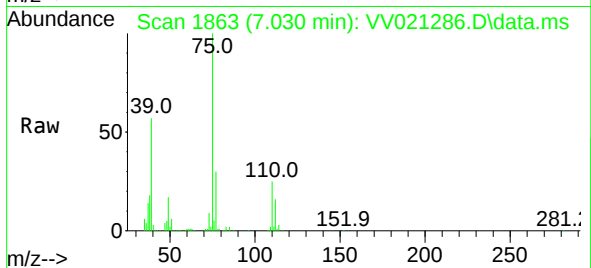




#39
cis-1,3-Dichloropropene
Concen: 45.79 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

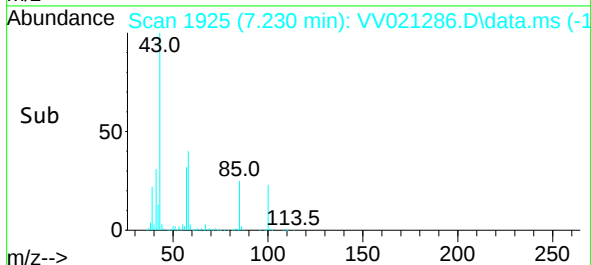
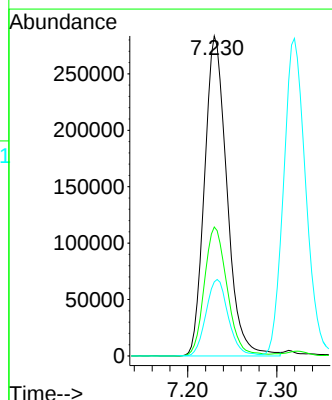
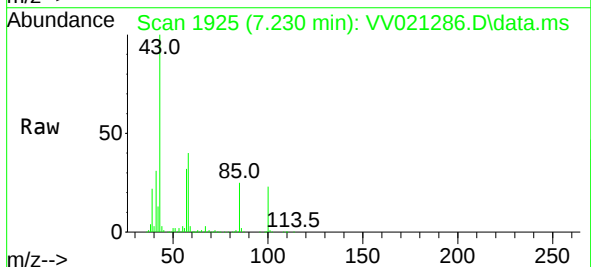
Instrument :
MSVOA_V
ClientSampled :

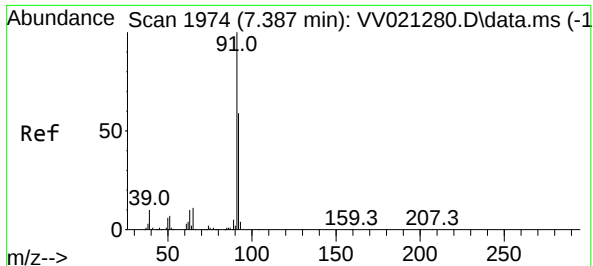
Tgt Ion: 75 Resp: 342030
Ion Ratio Lower Upper
75 100
77 29.9 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 91.52 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 43 Resp: 496390
Ion Ratio Lower Upper
43 100
58 41.0 34.5 51.7
100 23.6 15.2 22.8#





#42

Toluene

Concen: 45.63 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021286.D

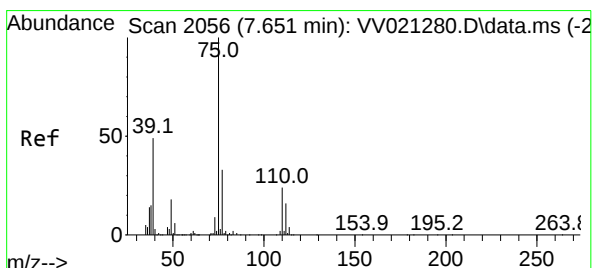
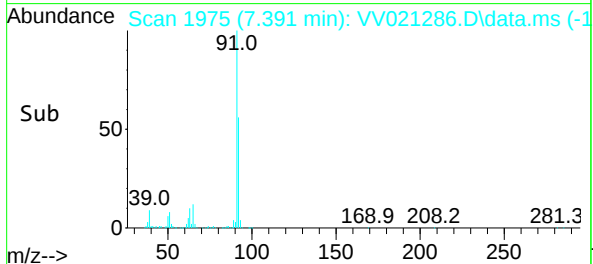
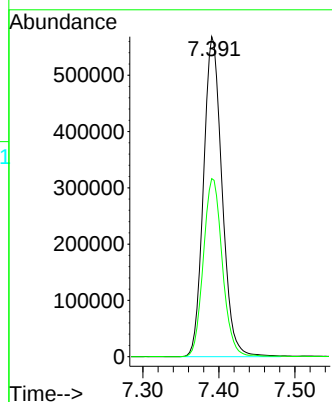
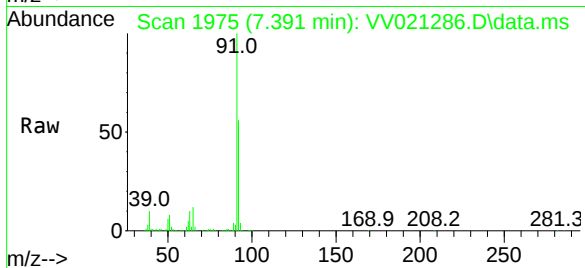
Acq: 05 May 2021 12:32

Tgt Ion: 91 Resp: 964034

Ion Ratio Lower Upper

91 100

92 55.6 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 46.57 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV021286.D

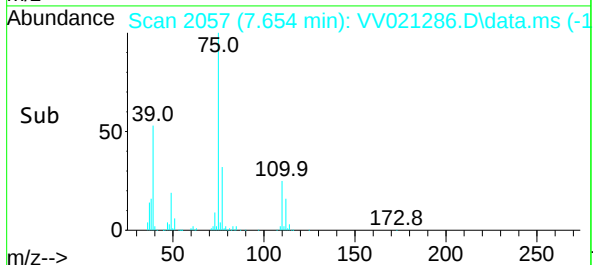
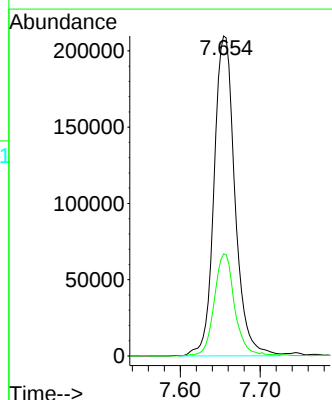
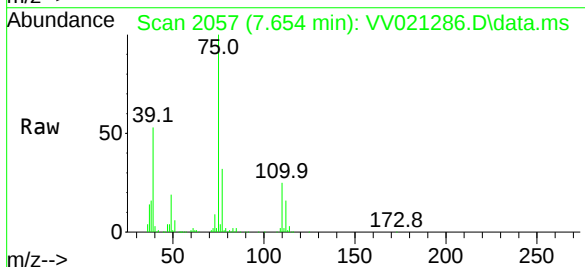
Acq: 05 May 2021 12:32

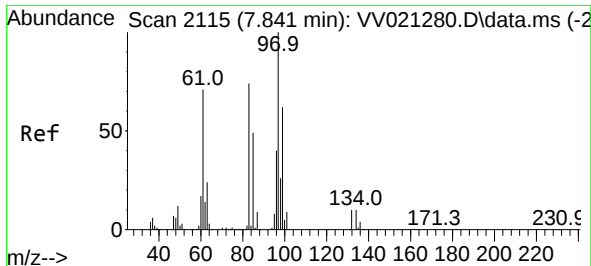
Tgt Ion: 75 Resp: 379435

Ion Ratio Lower Upper

75 100

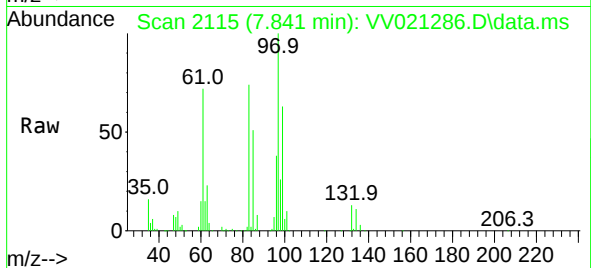
77 31.9 21.8 40.6





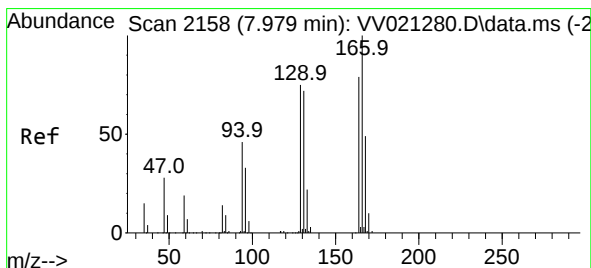
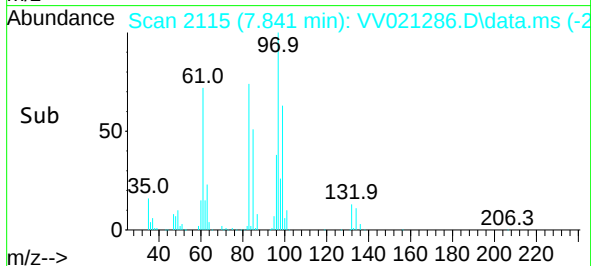
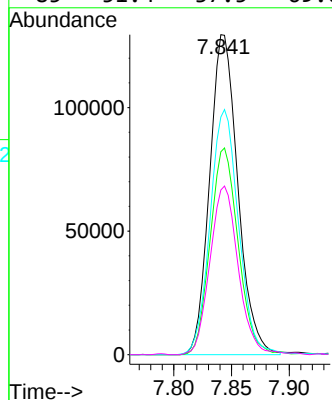
#45
1,1,2-Trichloroethane
Concen: 44.77 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion: 97 Resp: 219922

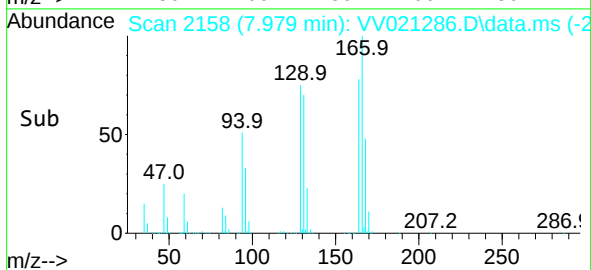
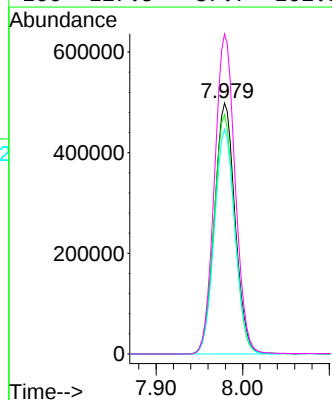
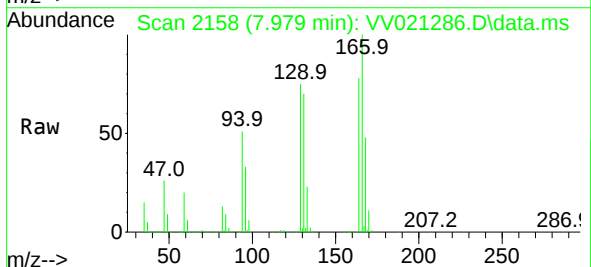
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.7	81.1
83	74.3	59.6	110.6
85	51.4	37.5	69.6

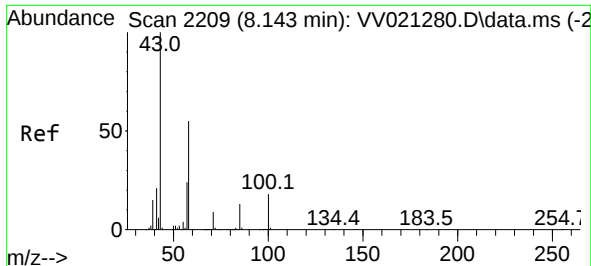


#46
Tetrachloroethene
Concen: 164.32 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 164 Resp: 823811

Ion	Ratio	Lower	Upper
164	100		
129	95.4	63.8	118.4
131	89.6	59.3	110.1
166	127.5	87.7	162.9

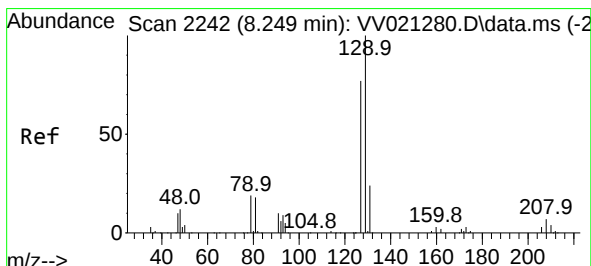
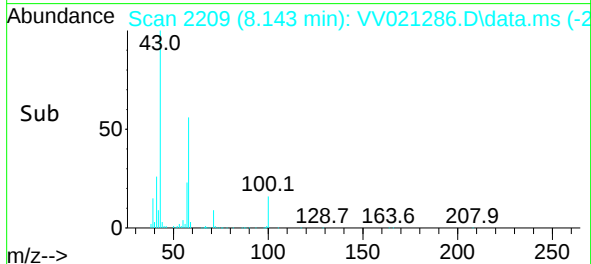
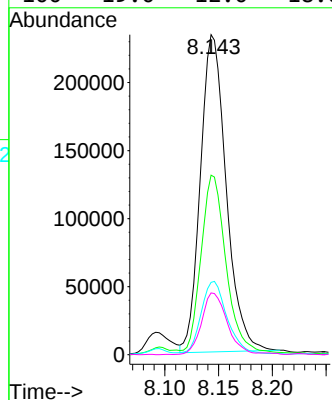
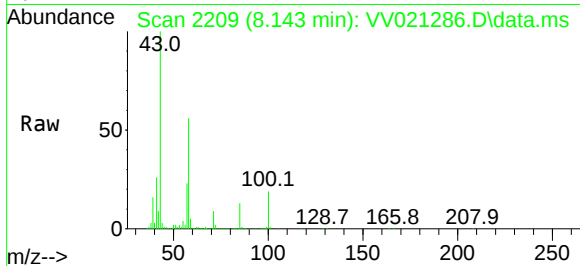




#48
2-Hexanone
Concen: 89.42 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

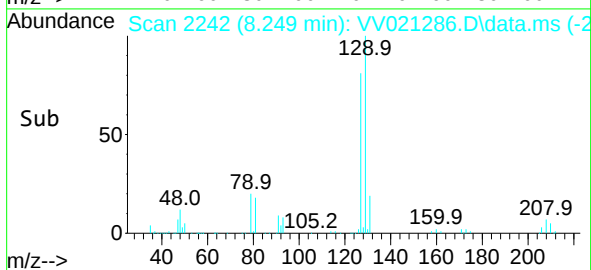
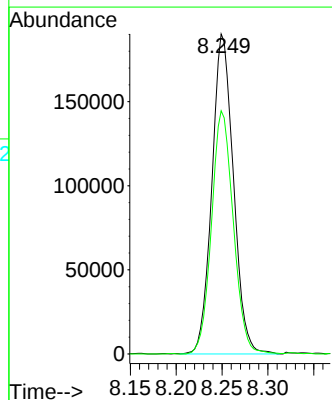
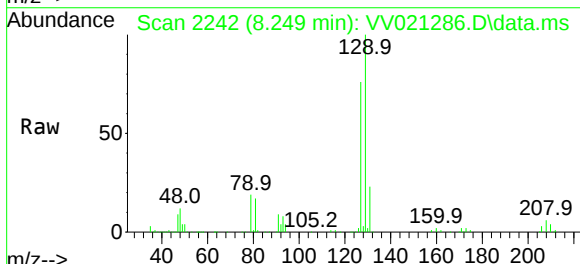
Instrument :
MSVOA_V
ClientSampled :

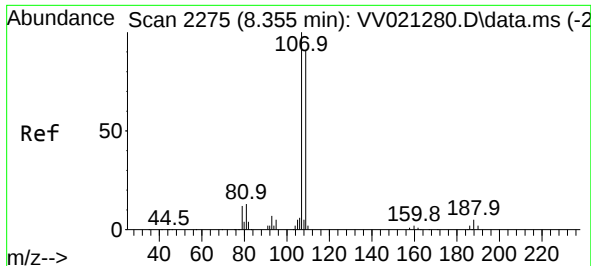
Tgt Ion: 43 Resp: 389602
Ion Ratio Lower Upper
43 100
58 56.1 46.8 70.2
57 22.9 17.6 26.4
100 19.0 12.0 18.0#



#49
Dibromochloromethane
Concen: 44.57 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 129 Resp: 310560
Ion Ratio Lower Upper
129 100
127 76.0 55.2 102.6





#50

1,2-Dibromoethane

Concen: 44.78 ug/L

RT: 8.355 min Scan# 2275

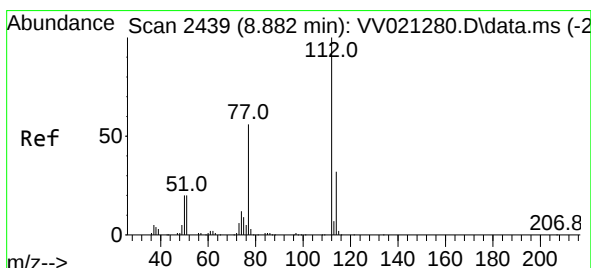
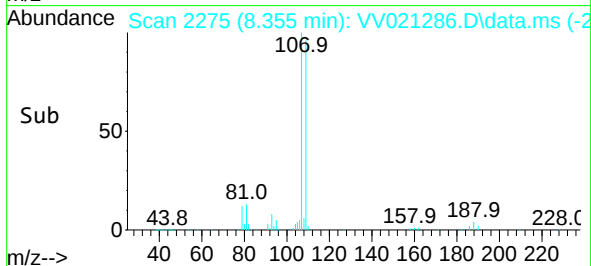
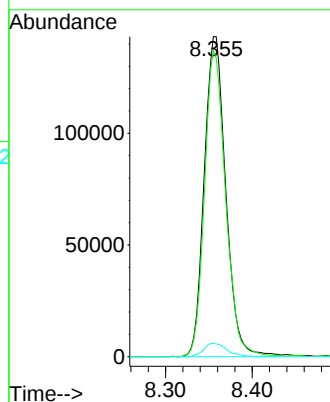
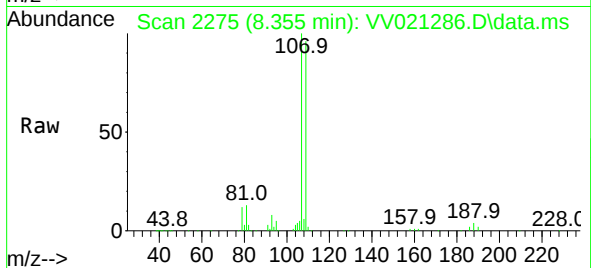
Delta R.T. -0.000 min

Lab File: VV021286.D

Acq: 05 May 2021 12:32

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	247739
Ion	Ratio	Lower	Upper
107	100		
109	95.7	63.8	118.6
188	4.1	3.4	5.0



#51

Chlorobenzene

Concen: 44.87 ug/L

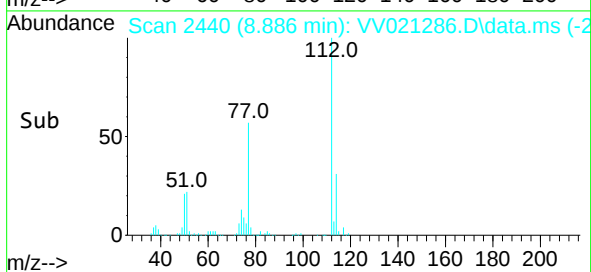
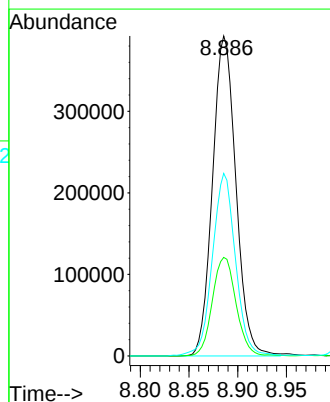
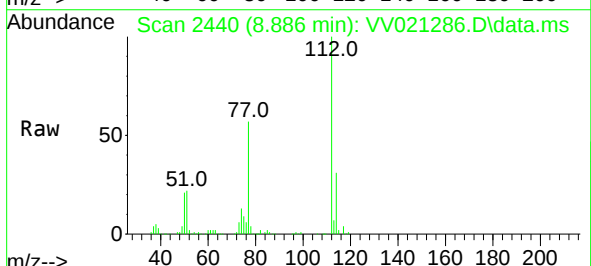
RT: 8.886 min Scan# 2440

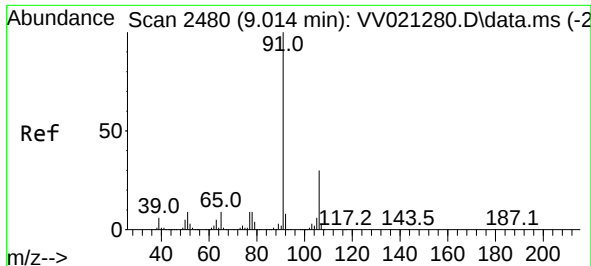
Delta R.T. 0.003 min

Lab File: VV021286.D

Acq: 05 May 2021 12:32

Tgt Ion:	112	Resp:	655439
Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.8	42.4
77	57.0	44.2	66.2

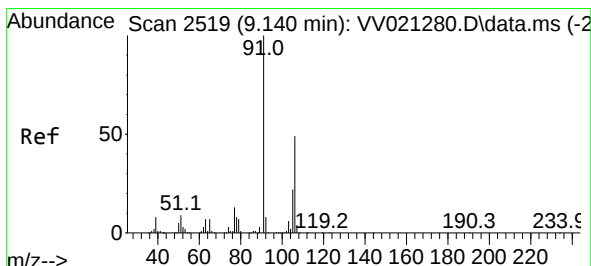
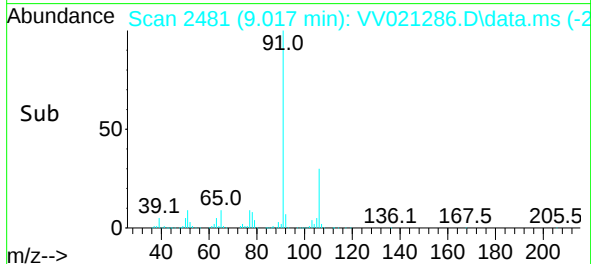
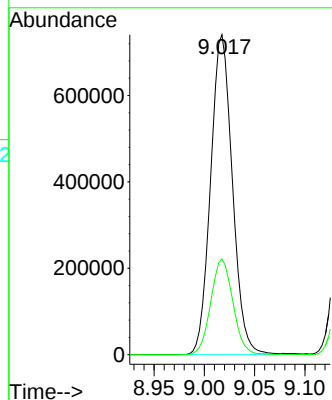
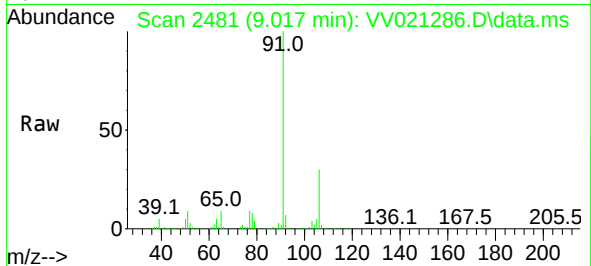




#52
Ethylbenzene
Concen: 45.79 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

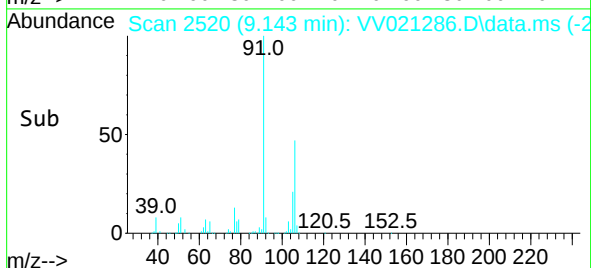
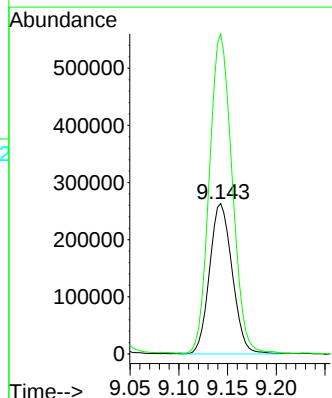
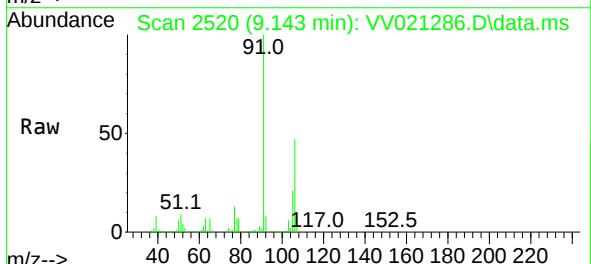
Instrument :
MSVOA_V
ClientSampled :

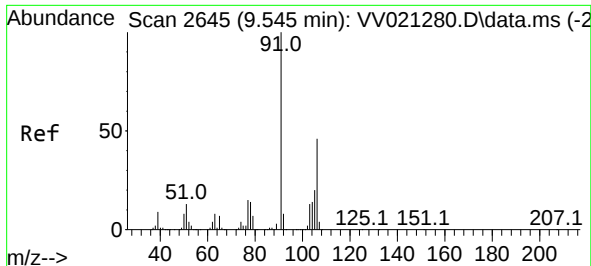
Tgt Ion: 91 Resp: 1117682
Ion Ratio Lower Upper
91 100
106 29.9 21.8 40.4



#53
m,p-Xylene
Concen: 44.46 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 106 Resp: 426155
Ion Ratio Lower Upper
106 100
91 212.7 144.3 267.9

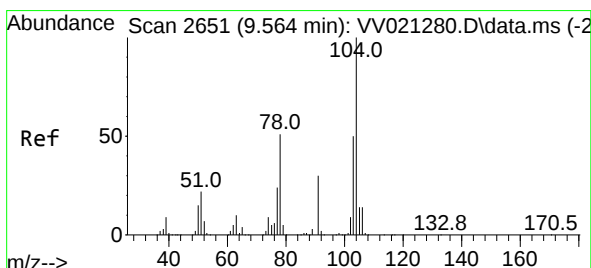
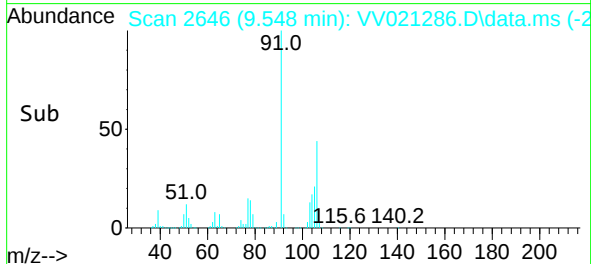
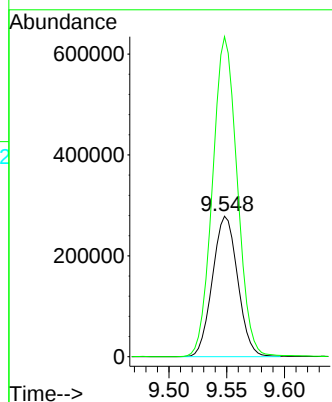
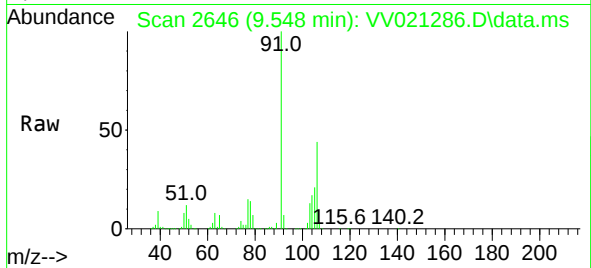




#54
o-Xylene
Concen: 45.82 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

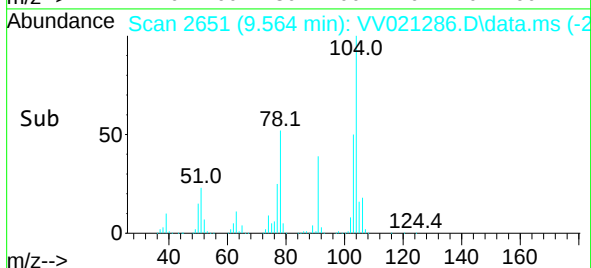
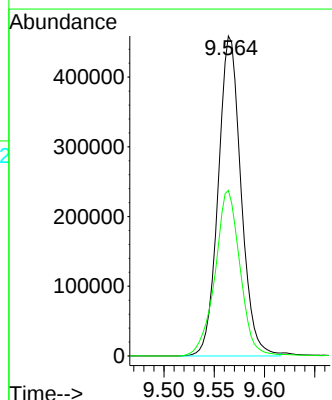
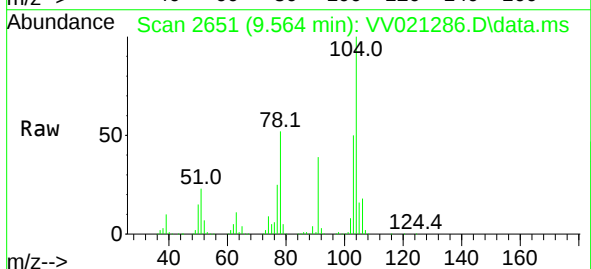
Instrument :
MSVOA_V
ClientSampled :

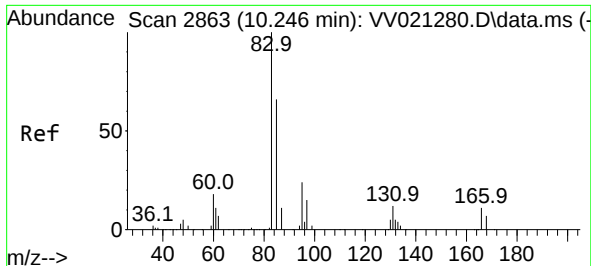
Tgt Ion:106 Resp: 423310
Ion Ratio Lower Upper
106 100
91 227.9 150.4 279.4



#55
Styrene
Concen: 46.07 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion:104 Resp: 724641
Ion Ratio Lower Upper
104 100
78 51.7 32.4 60.2

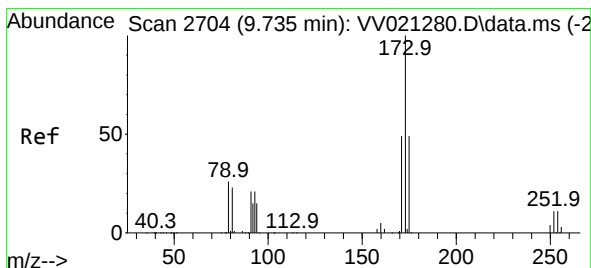
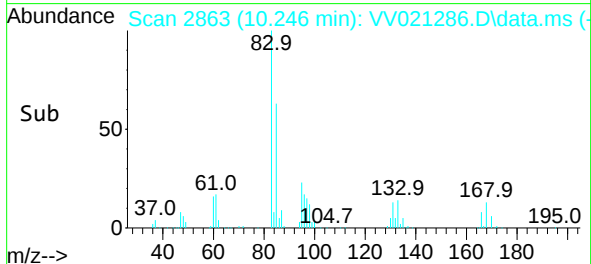
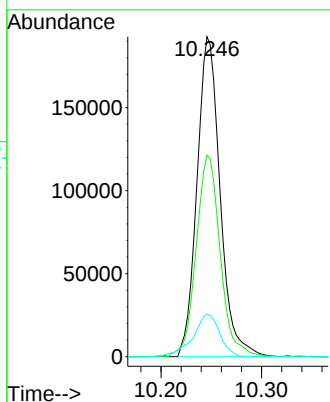
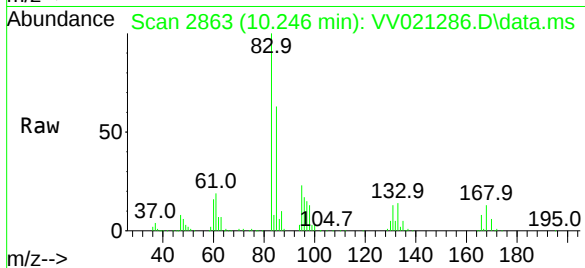




#57
1,1,2,2-Tetrachloroethane
Concen: 46.32 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

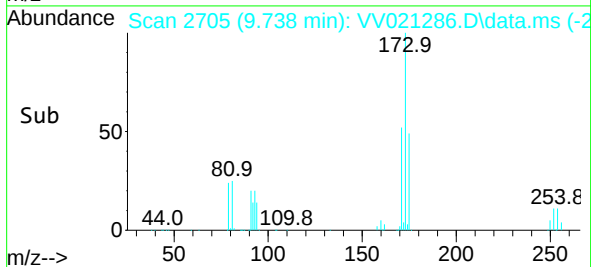
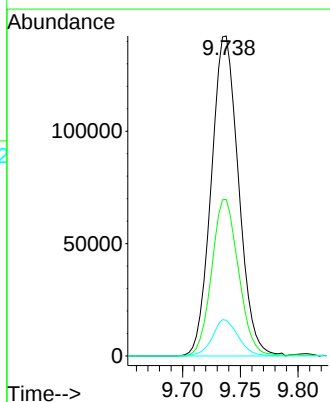
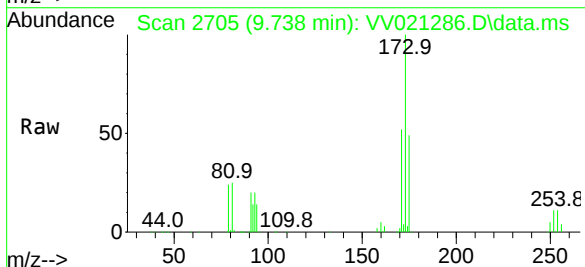
Instrument :
MSVOA_V
ClientSampleId :

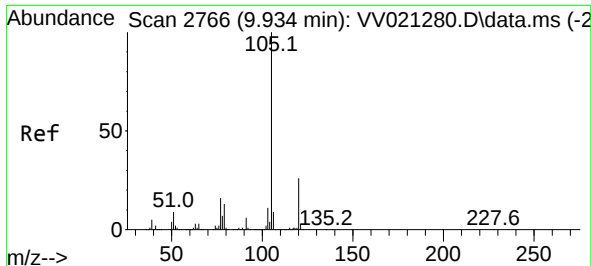
Tgt Ion: 83 Resp: 307550
Ion Ratio Lower Upper
83 100
85 63.0 45.8 85.0
131 13.3 8.8 13.2#



#59
Bromoform
Concen: 42.97 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 173 Resp: 233762
Ion Ratio Lower Upper
173 100
175 48.3 38.9 58.3
254 10.7 8.3 12.5

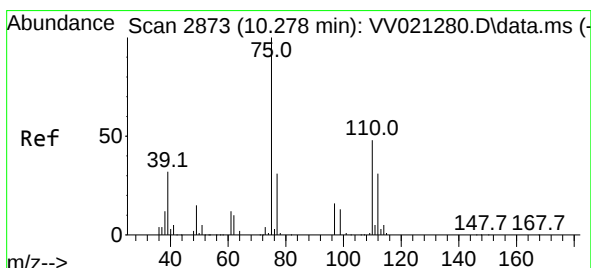
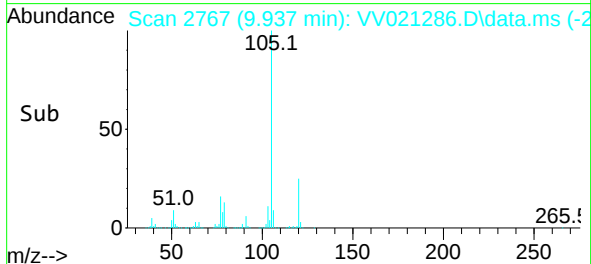
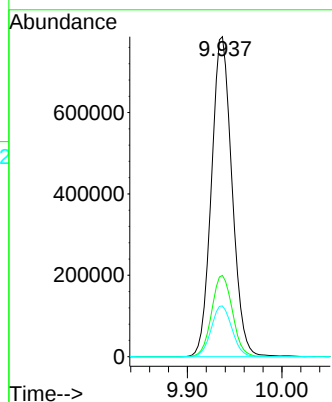
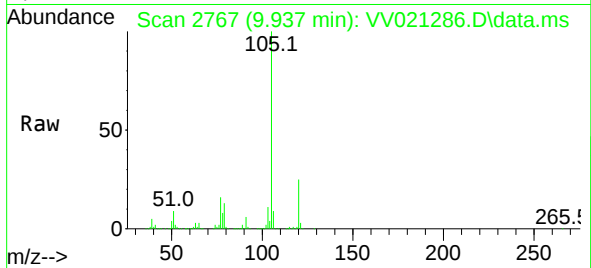




#60
Isopropylbenzene
Concen: 45.73 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

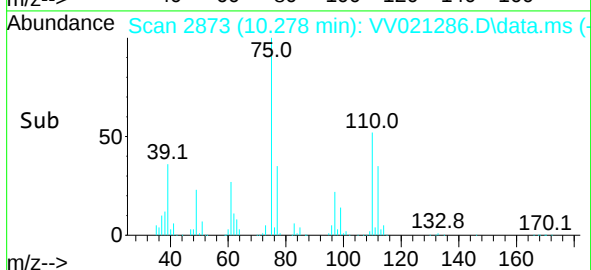
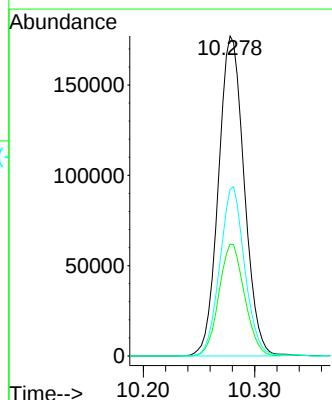
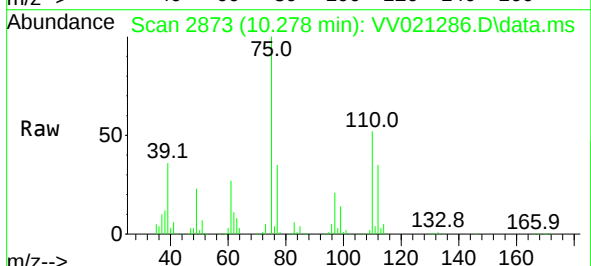
Instrument :
MSVOA_V
ClientSampled :

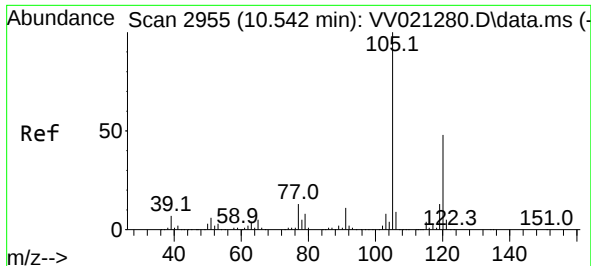
Tgt Ion:105 Resp: 1187584
Ion Ratio Lower Upper
105 100
120 25.7 21.8 32.6
77 16.0 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 42.77 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 75 Resp: 284191
Ion Ratio Lower Upper
75 100
77 34.8 25.8 38.8
110 51.1 34.9 52.3

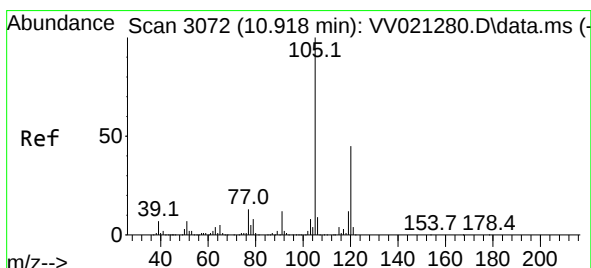
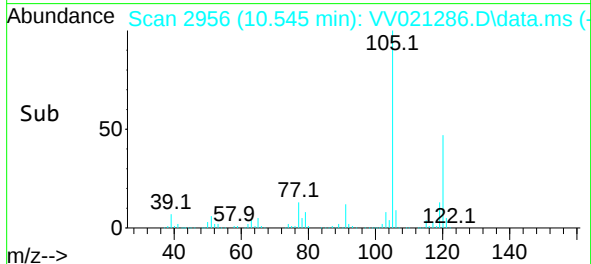
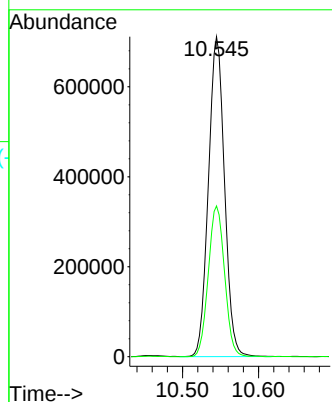
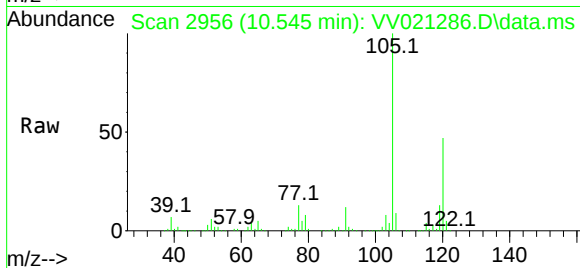




#62
1,3,5-Trimethylbenzene
Concen: 45.89 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

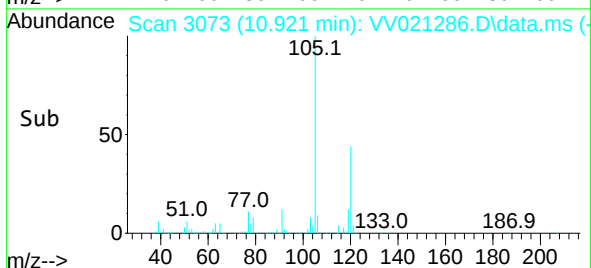
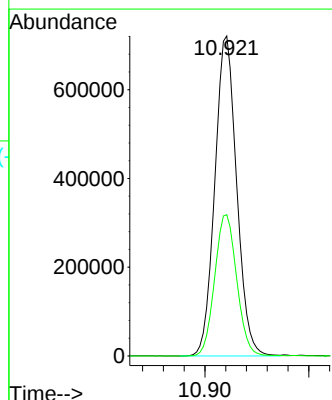
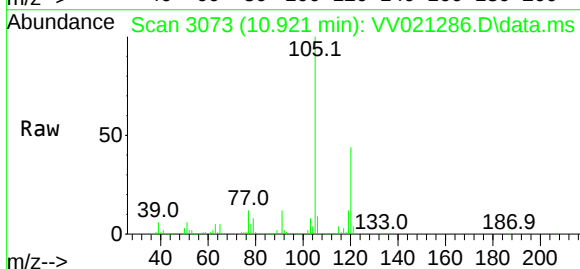
Instrument :
MSVOA_V
ClientSampled :

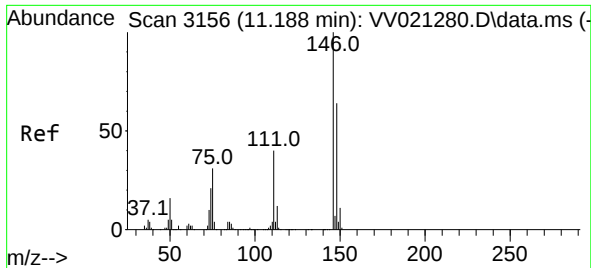
Tgt Ion:105 Resp: 1043750
Ion Ratio Lower Upper
105 100
120 47.7 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 46.09 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion:105 Resp: 1051860
Ion Ratio Lower Upper
105 100
120 44.6 37.7 56.5

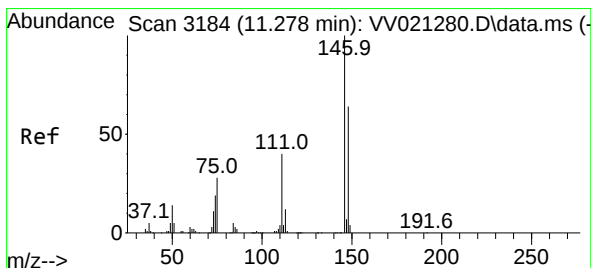
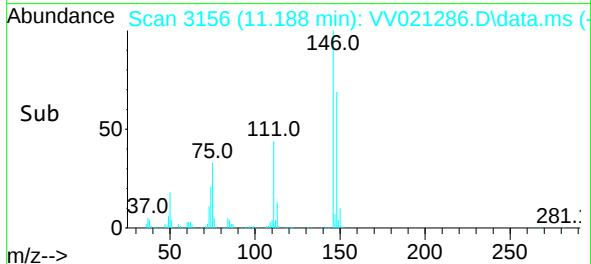
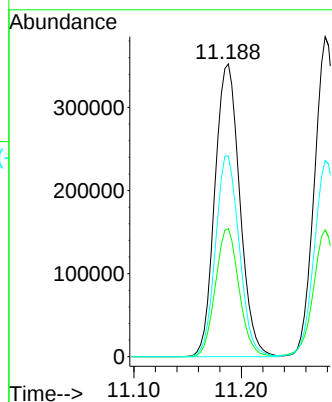
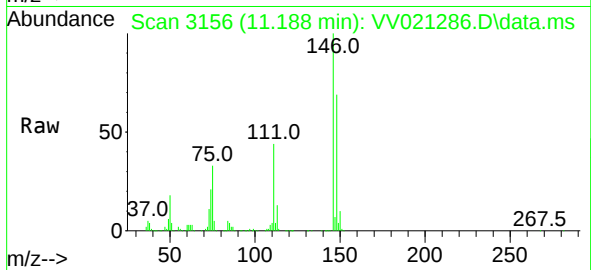




#64
1,3-Dichlorobenzene
Concen: 45.03 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

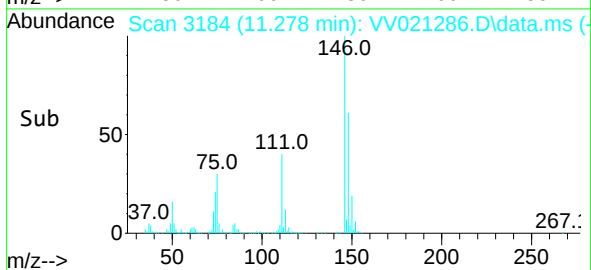
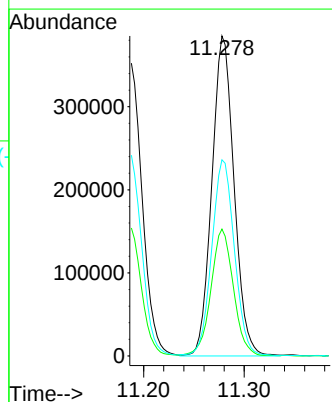
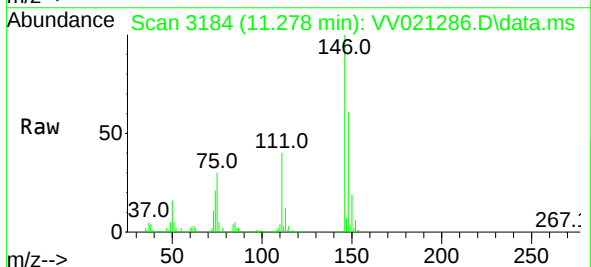
Instrument :
MSVOA_V
ClientSampleId :

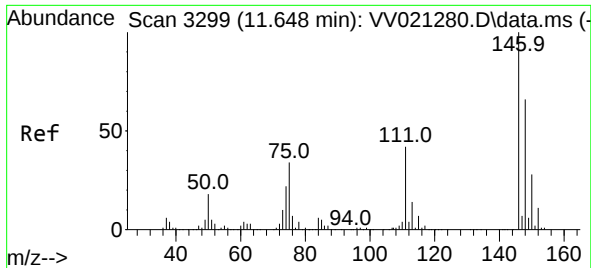
Tgt Ion:146 Resp: 567741
Ion Ratio Lower Upper
146 100
111 43.8 27.6 51.2
148 68.6 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 45.78 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion:146 Resp: 591114
Ion Ratio Lower Upper
146 100
111 39.7 26.3 48.9
148 61.3 44.7 82.9

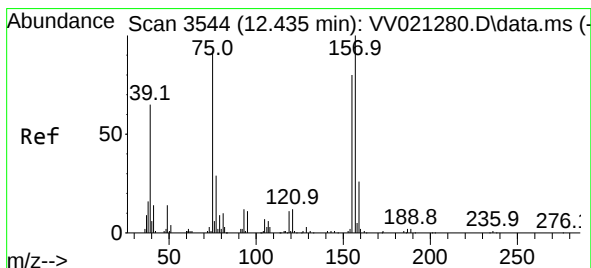
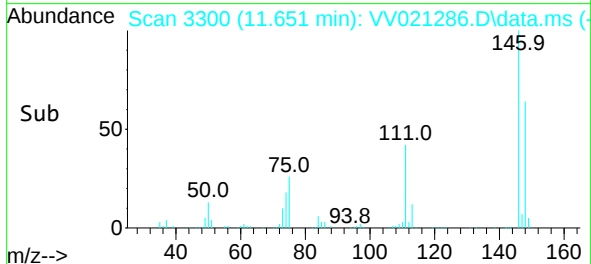
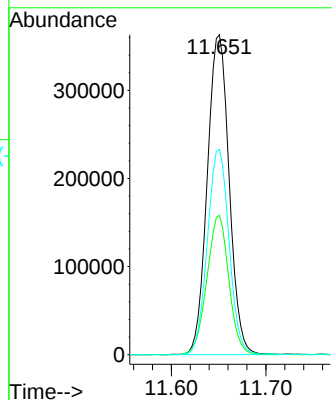
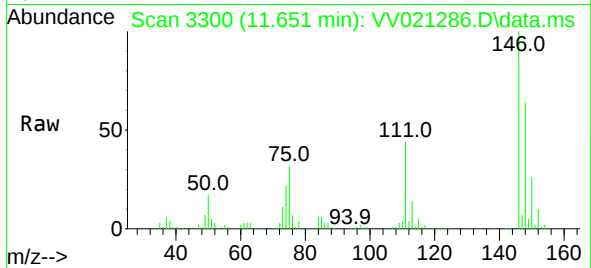




#67
1,2-Dichlorobenzene
Concen: 45.84 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

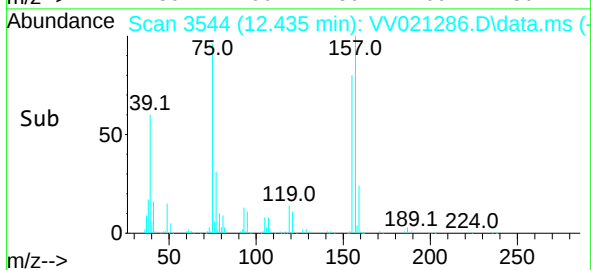
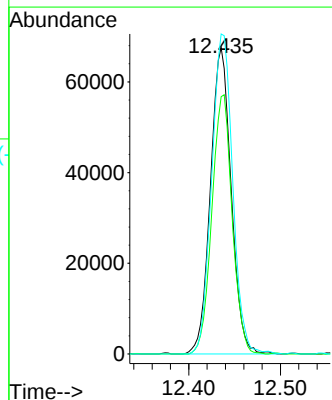
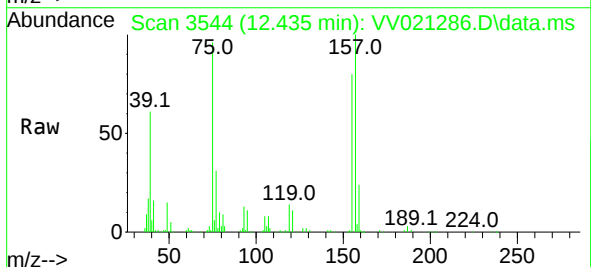
Instrument :
MSVOA_V
ClientSampled :

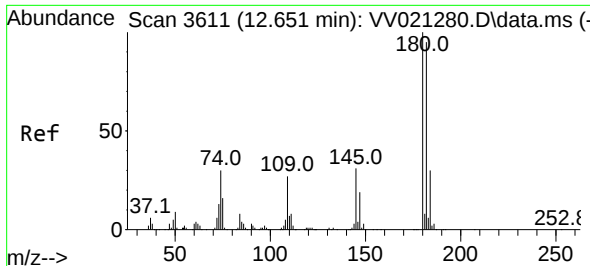
Tgt Ion:146 Resp: 583841
Ion Ratio Lower Upper
146 100
111 43.5 33.2 49.8
148 64.1 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 45.93 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion: 75 Resp: 106145
Ion Ratio Lower Upper
75 100
155 84.0 72.8 109.2
157 104.5 94.6 142.0

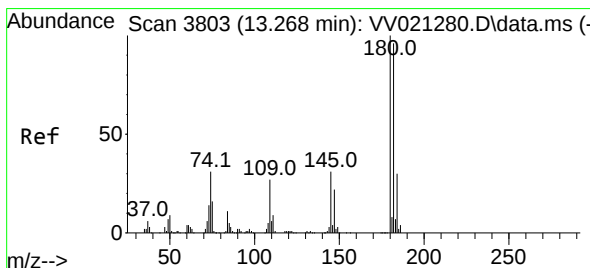
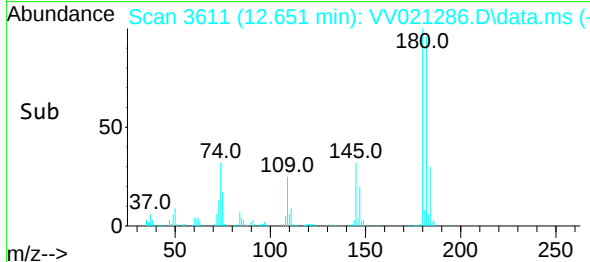
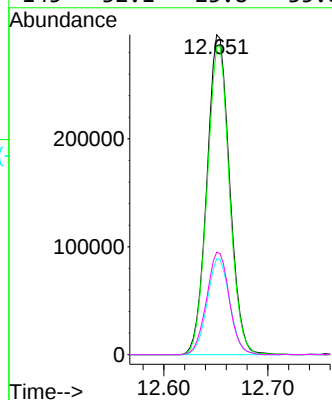
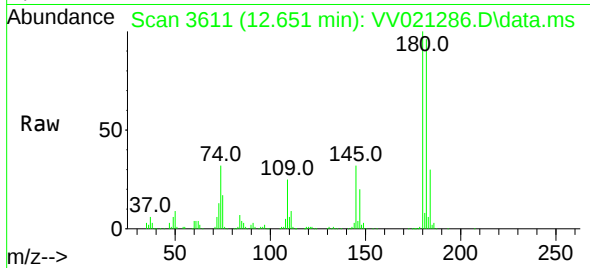




#69
1,3,5-Trichlorobenzene
Concen: 46.02 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

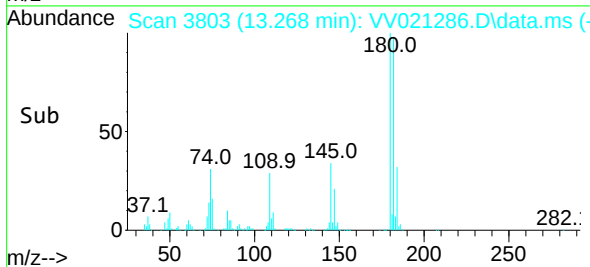
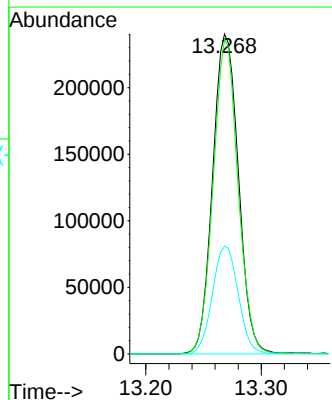
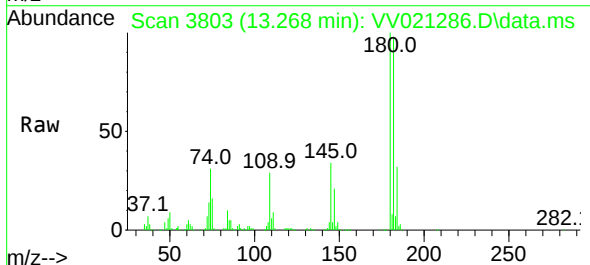
Instrument :
MSVOA_V
ClientSampled :

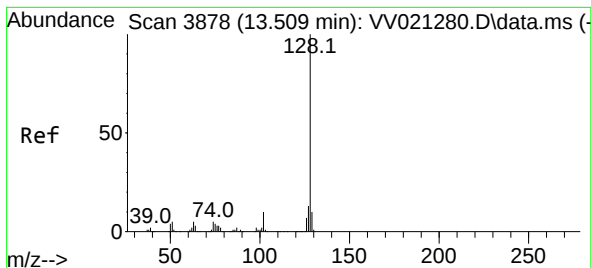
Tgt Ion:	180	Resp:	449381
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.4	116.0
184	29.9	24.1	36.1
145	32.1	23.8	35.8



#70
1,2,4-trichlorobenzene
Concen: 46.76 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion:	180	Resp:	371710
Ion Ratio	Lower	Upper	
180	100		
182	94.9	77.5	116.3
145	33.7	24.3	36.5

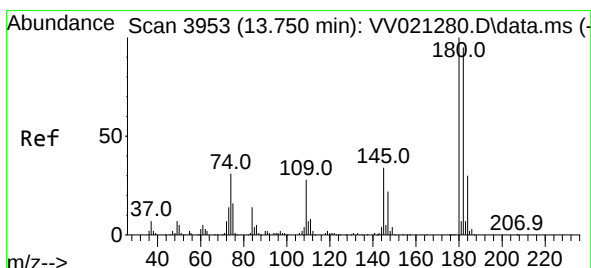
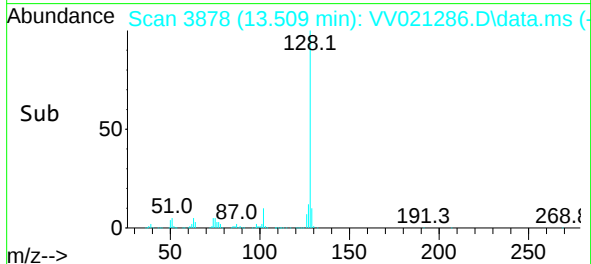
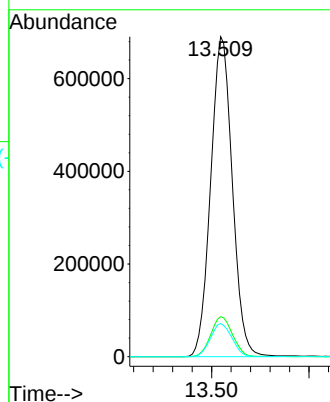
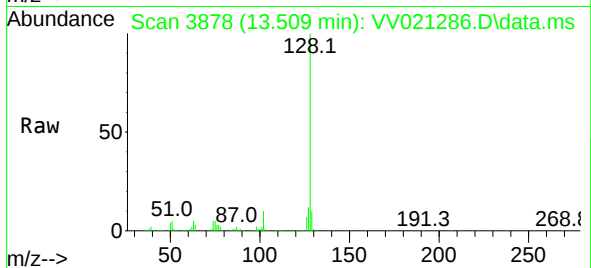




#71
Naphthalene
Concen: 48.72 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1063788
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.3 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.20 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV021286.D
Acq: 05 May 2021 12:32

Tgt Ion:180 Resp: 379792
Ion Ratio Lower Upper
180 100
182 96.4 75.9 113.9
145 36.2 25.0 37.6

