

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021120.D
 Acq On : 04 Dec 2021 16:03
 Operator : SY/VA
 Sample : M4881-22MSDRE
 Misc : 4.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:50:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	80988	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	58651	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	15952	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46200	40.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 163.760%#	
7) Chloroethane-d5	2.885	69	29097	38.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 154.080%#	
11) 1,1-Dichloroethene-d2	4.013	63	59212	32.848	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 131.400%#	
21) 2-Butanone-d5	7.079	46	14455	56.163	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.320%	
24) Chloroform-d	7.646	84	67633	33.346	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 133.400%	
26) 1,2-Dichloroethane-d4	8.305	65	33924	30.573	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 122.280%	
32) Benzene-d6	8.274	84	119195	39.747	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 159.000%#	
36) 1,2-Dichloropropane-d6	9.274	67	34099	40.916	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 163.680%#	
41) Toluene-d8	10.323	98	102609	33.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 133.480%#	
43) trans-1,3-Dichloroprop...	10.579	79	11996	31.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 126.800%	
47) 2-Hexanone-d5	10.926	63	10737	67.339	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 134.680%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23027	29.867	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 119.480%	
66) 1,2-Dichlorobenzene-d4	13.853	152	14825	25.938	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.760%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	14302	36.154	ug/L	97
3) Chloromethane	2.214	50	31325	35.371	ug/L	98
5) Vinyl chloride	2.361	62	52703	34.257	ug/L	97
6) Bromomethane	2.775	94	33841	33.081	ug/L	97
8) Chloroethane	2.916	64	22940	35.778	ug/L	99
9) Trichlorofluoromethane	3.257	101	23960	32.253	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	35487	30.519	ug/L	91
12) 1,1-Dichloroethene	4.043	96	31430	29.899	ug/L	75
13) Acetone	4.129	43	11868	50.621	ug/L	90
14) Carbon disulfide	4.385	76	76210	26.118	ug/L	100
16) Methylene chloride	4.915	84	34579	27.101	ug/L	84
17) trans-1,2-Dichloroethene	5.421	96	30587	27.328	ug/L	81
18) Methyl tert-butyl Ether	5.427	73	54693	32.376	ug/L	94
19) 1,1-Dichloroethane	6.220	63	54949	30.960	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	33070	27.850	ug/L	74
22) 2-Butanone	7.171	43	17324	53.395	ug/L	88
23) Bromochloromethane	7.518	128	17051	30.690	ug/L	# 57
25) Chloroform	7.677	83	60572	30.403	ug/L	97
27) 1,2-Dichloroethane	8.396	62	39544	30.342	ug/L	98

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 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

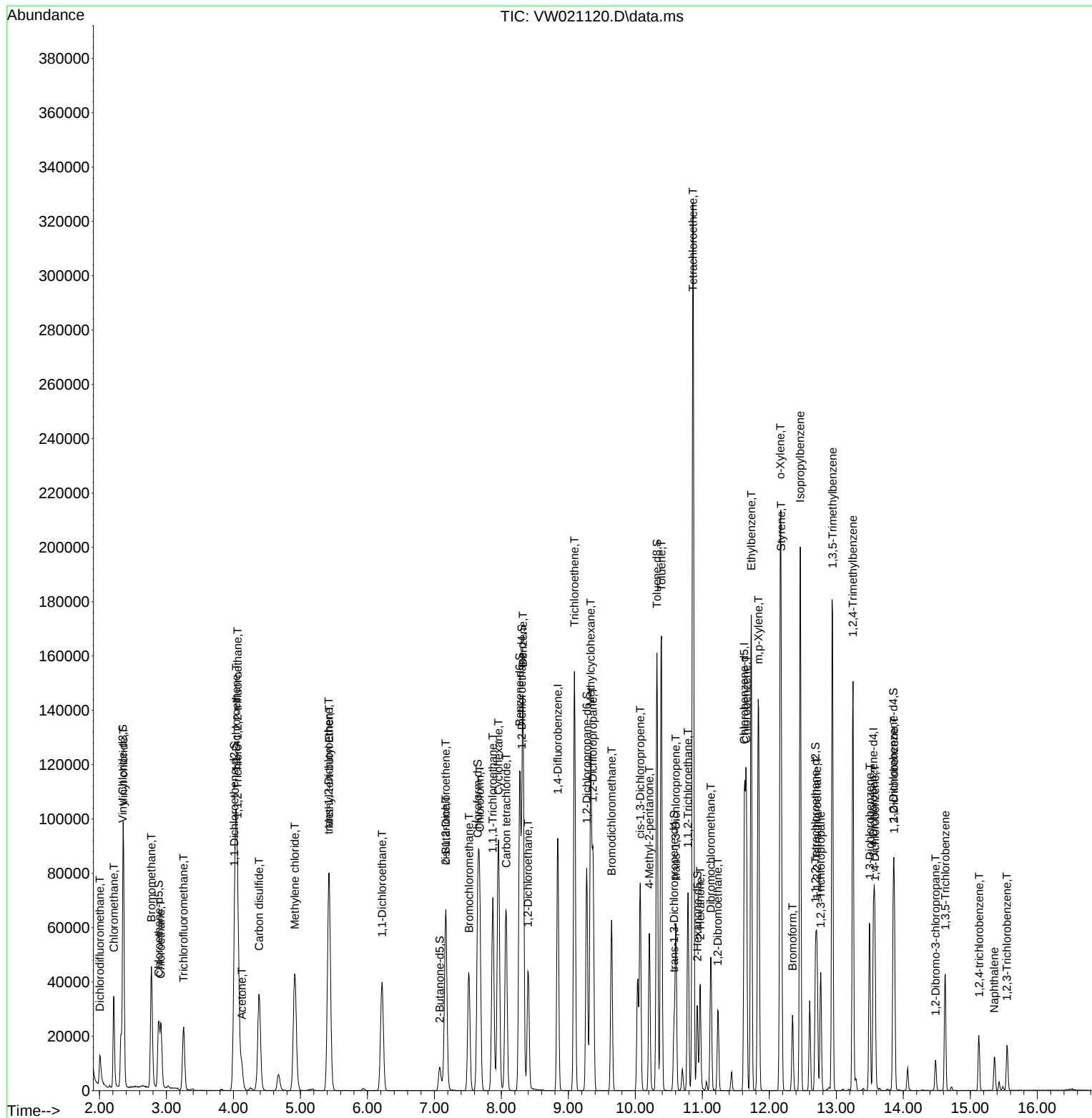
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.957	56	48445	37.442	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	55742	40.762	ug/L	95
31) Carbon tetrachloride	8.073	117	49961	39.317	ug/L	98
33) Benzene	8.323	78	120862	36.237	ug/L	100
34) Trichloroethene	9.091	95	50021	54.362	ug/L	95
35) Methylcyclohexane	9.335	83	50956	32.900	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	28628	37.977	ug/L #	96
38) Bromodichloromethane	9.646	83	39369	37.151	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	39842	32.675	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	35273	68.686	ug/L #	94
42) Toluene	10.390	91	122734	32.218	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	30029	27.221	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	21753	34.419	ug/L	95
46) Tetrachloroethene	10.859	164	74236	88.106	ug/L	97
48) 2-Hexanone	10.969	43	24314	65.632	ug/L #	96
49) Dibromochloromethane	11.128	129	25113	31.793	ug/L	92
50) 1,2-Dibromoethane	11.231	107	18864	29.269	ug/L #	95
51) Chlorobenzene	11.658	112	58934	23.153	ug/L	92
52) Ethylbenzene	11.731	91	120132	28.012	ug/L	95
53) m,p-Xylene	11.841	106	47407	26.721	ug/L	87
54) o-Xylene	12.164	106	44517	26.614	ug/L	100
55) Styrene	12.176	104	50358	17.670	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	21530	28.323	ug/L #	98
59) Bromoform	12.347	173	11899	52.306	ug/L #	96
60) Isopropylbenzene	12.463	105	126394	57.012	ug/L	97
61) 1,2,3-Trichloropropane	12.767	75	16072	60.145	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	94508	50.905	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	78923	42.267	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	26422	25.312	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	22776	21.589	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	22112	23.791	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	2558	42.392	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	13624	17.758	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	6489	10.293	ug/L	96
71) Naphthalene	15.358	128	10901	9.302	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	5634	10.240	ug/L	99

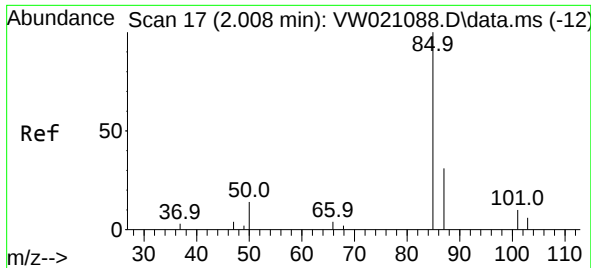
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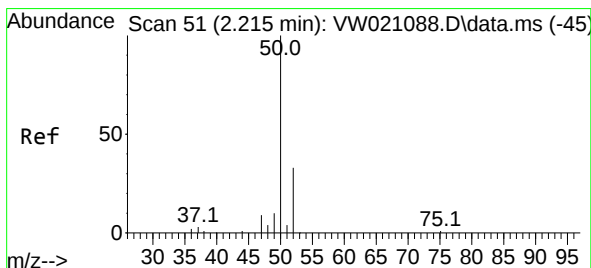
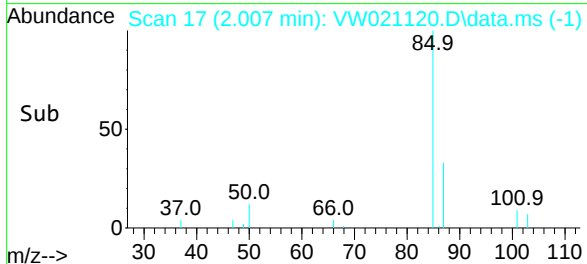
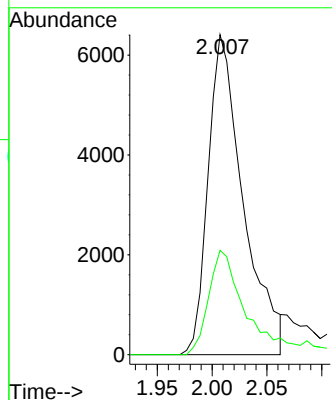
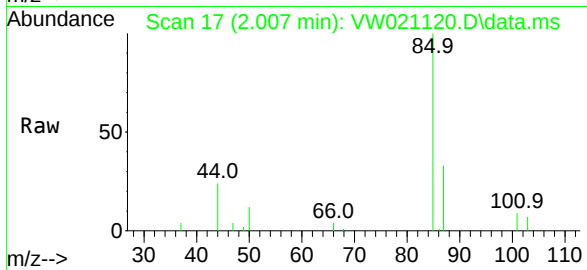




#2
Dichlorodifluoromethane
Concen: 36.154 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

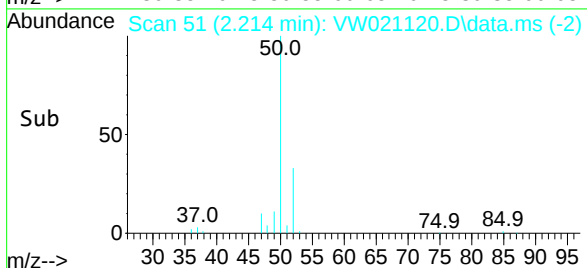
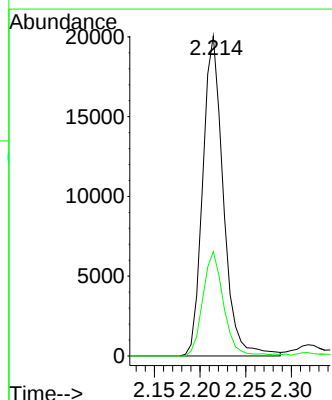
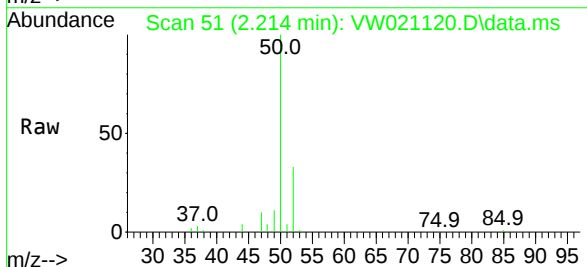
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MSVOA_W
ClientSampleId :

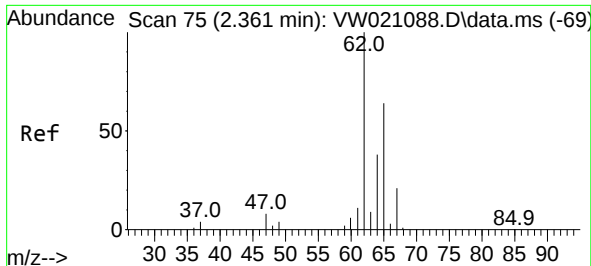
Tgt Ion: 85 Resp: 14302
Ion Ratio Lower Upper
85 100
87 34.1 25.8 38.6



#3
Chloromethane
Concen: 35.371 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion: 50 Resp: 31325
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.6

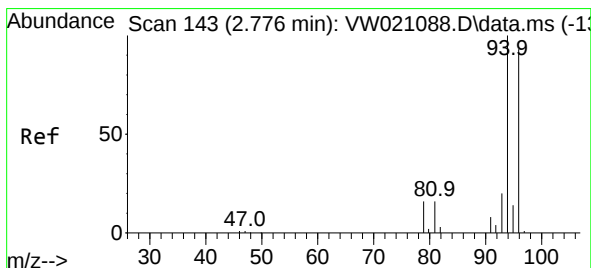
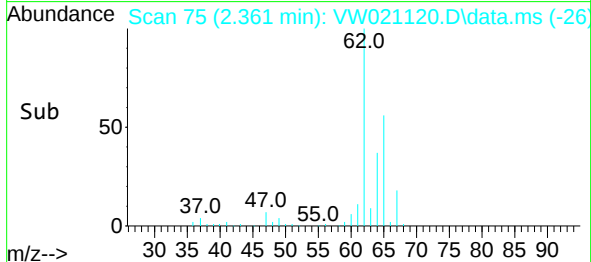
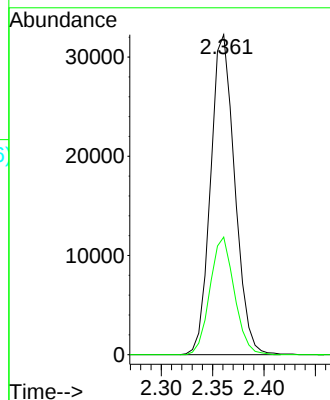
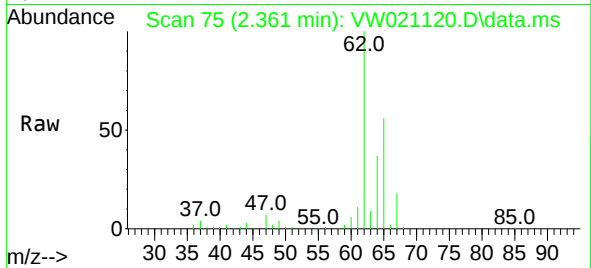




#5
 Vinyl chloride
 Concen: 34.257 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021120.D
 Acq: 04 Dec 2021 16:03

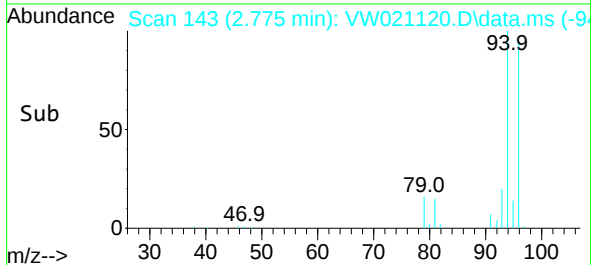
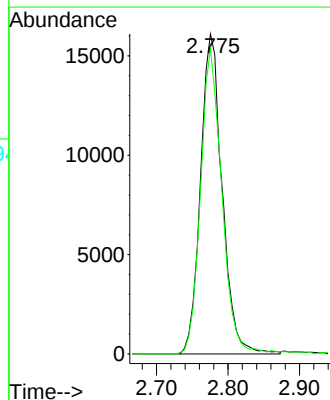
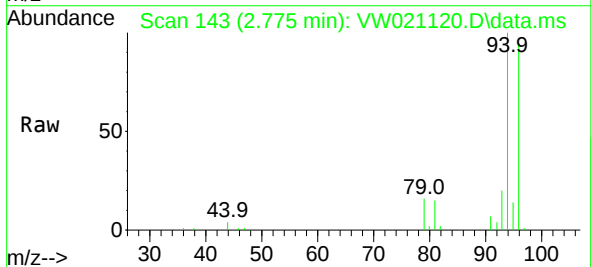
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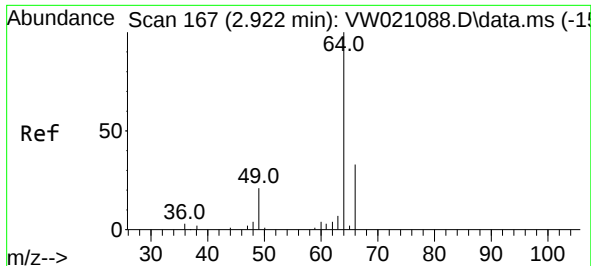
Tgt Ion: 62 Resp: 52703
 Ion Ratio Lower Upper
 62 100
 64 36.8 24.4 45.2



#6
 Bromomethane
 Concen: 33.081 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021120.D
 Acq: 04 Dec 2021 16:03

Tgt Ion: 94 Resp: 33841
 Ion Ratio Lower Upper
 94 100
 96 95.3 64.8 120.4

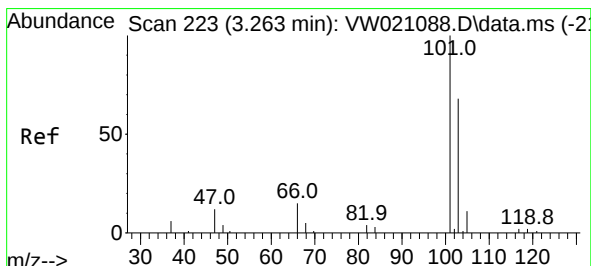
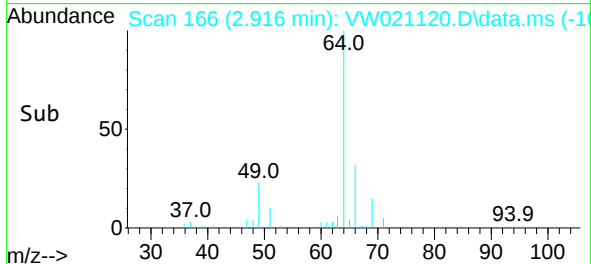
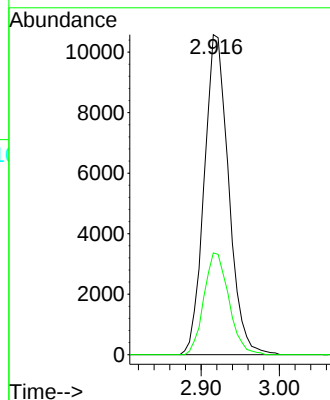
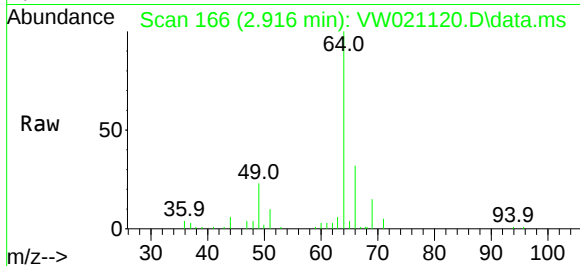




#8
Chloroethane
Concen: 35.778 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

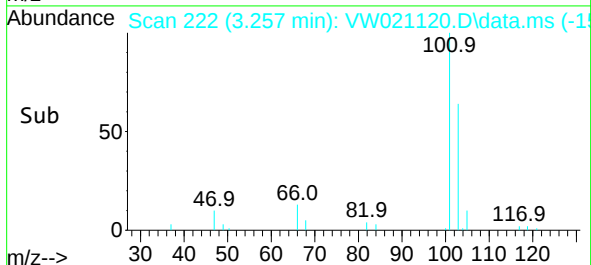
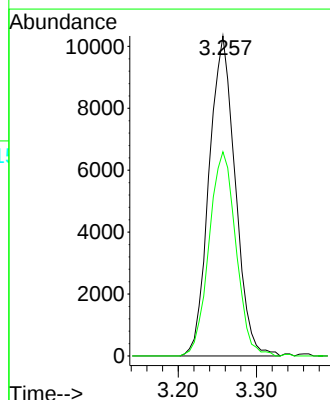
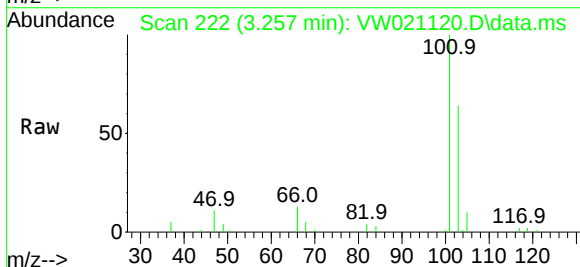
Instrument :
MSVOA_W
ClientSampleId :

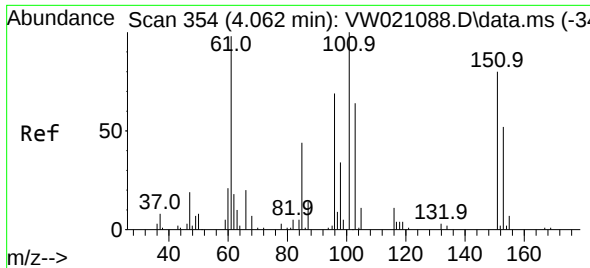
Tgt Ion: 64 Resp: 22940
Ion Ratio Lower Upper
64 100
66 31.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 32.253 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion:101 Resp: 23960
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

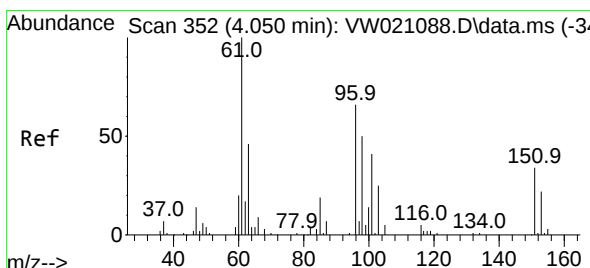
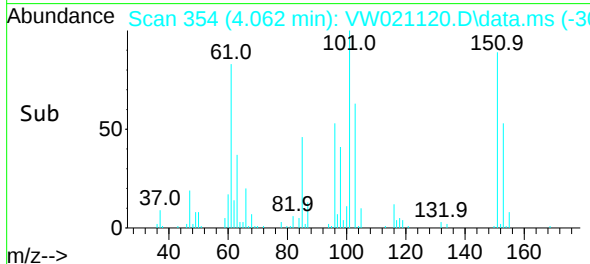
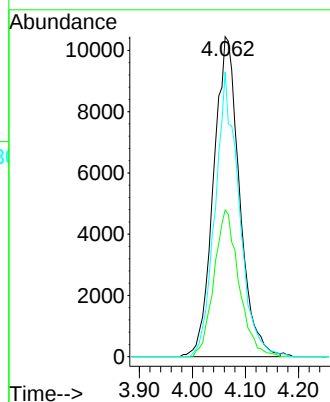
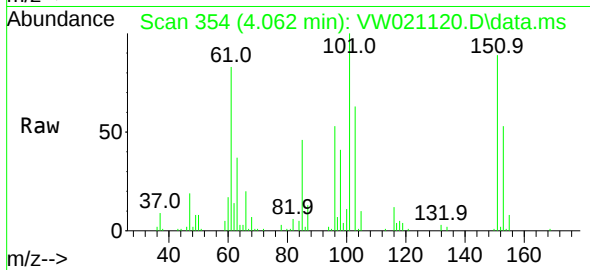




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 30.519 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW021120.D
 Acq: 04 Dec 2021 16:03

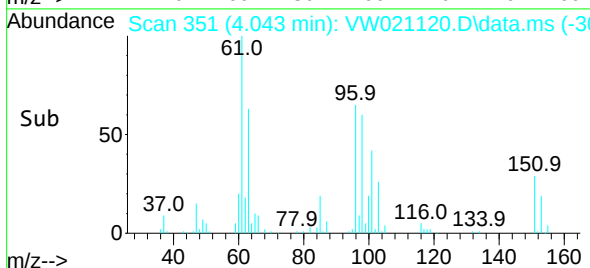
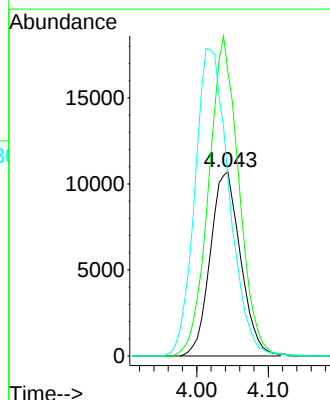
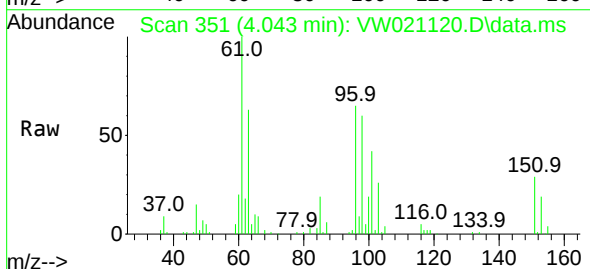
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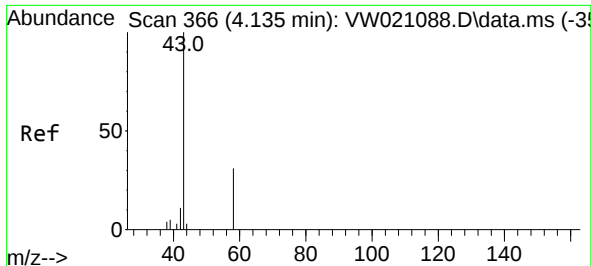
Tgt Ion:101 Resp: 35487
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.6 54.8
 151 82.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 29.899 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW021120.D
 Acq: 04 Dec 2021 16:03

Tgt Ion: 96 Resp: 31430
 Ion Ratio Lower Upper
 96 100
 61 154.1 138.3 256.9
 63 96.9 82.6 153.4

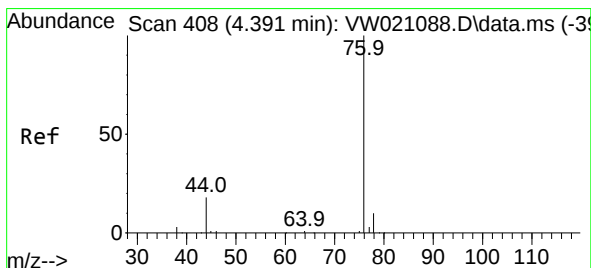
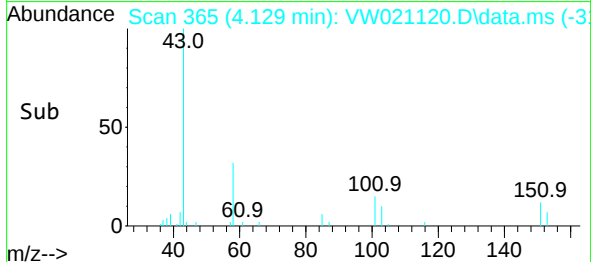
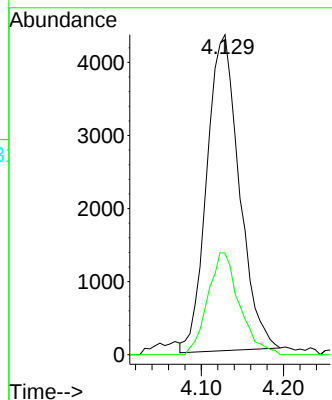
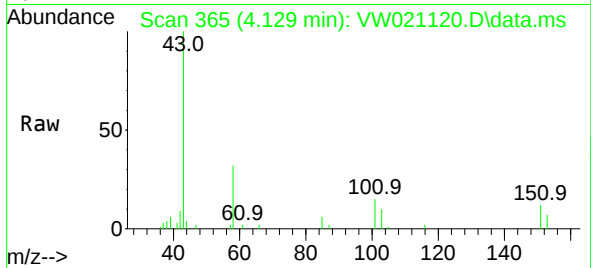




#13
Acetone
Concen: 50.621 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

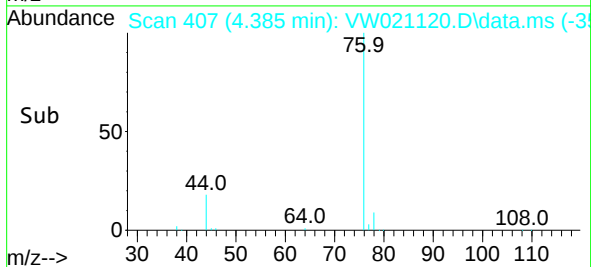
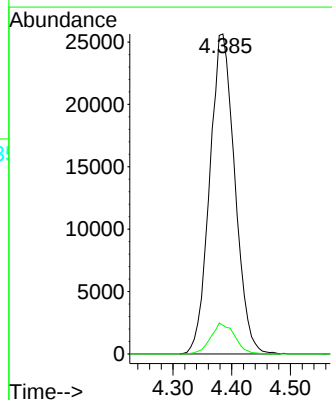
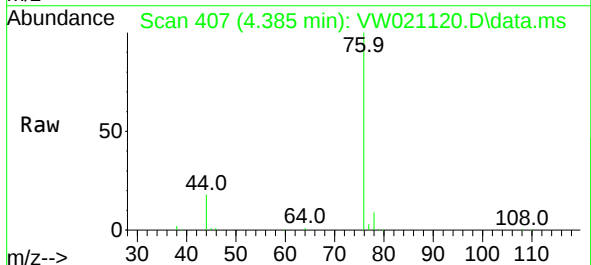
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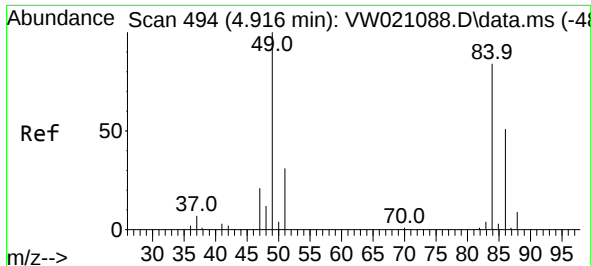
Tgt Ion: 43 Resp: 11868
Ion Ratio Lower Upper
43 100
58 31.5 0.0 52.8



#14
Carbon disulfide
Concen: 26.118 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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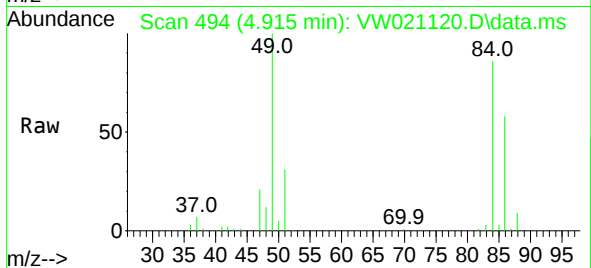
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Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7





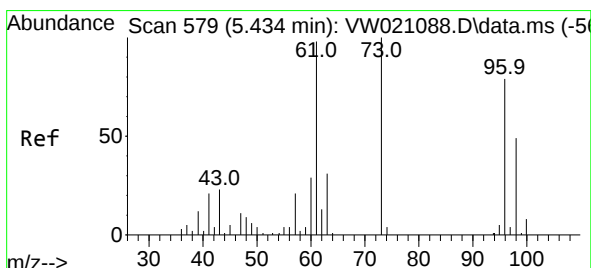
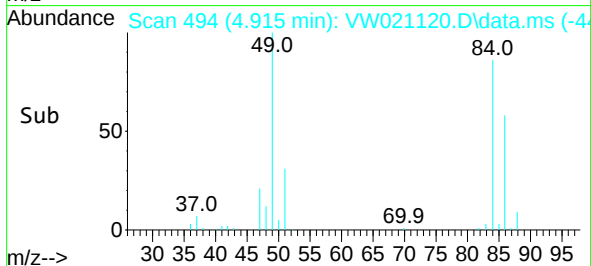
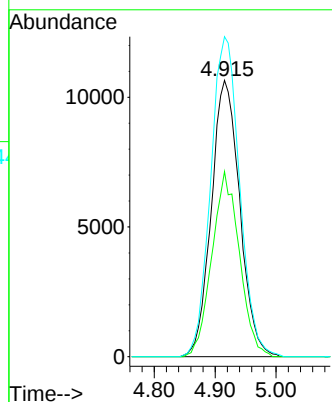
#16
Methylene chloride
Concen: 27.101 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 34579

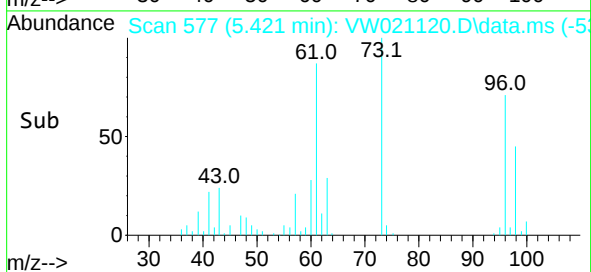
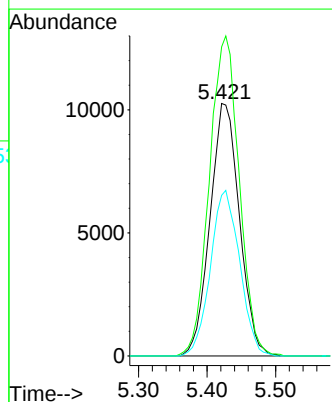
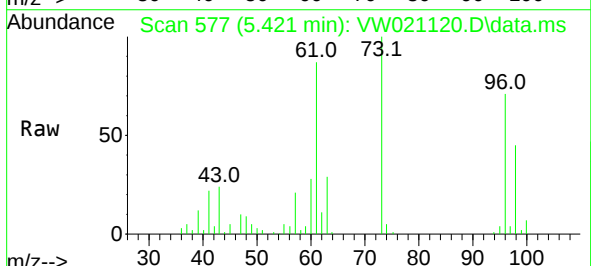
Ion	Ratio	Lower	Upper
84	100		
86	67.0	45.5	84.5
49	115.8	100.5	186.7

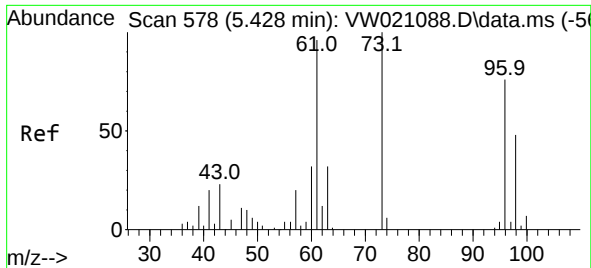


#17
trans-1,2-Dichloroethene
Concen: 27.328 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.013 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion: 96 Resp: 30587

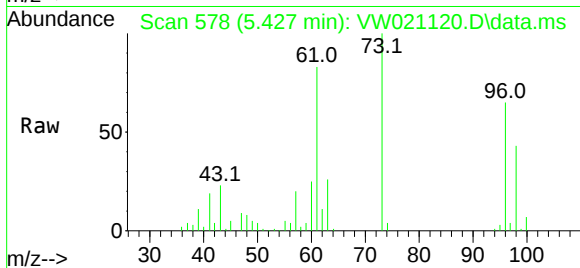
Ion	Ratio	Lower	Upper
96	100		
61	122.4	107.4	199.4
98	63.6	41.2	76.6



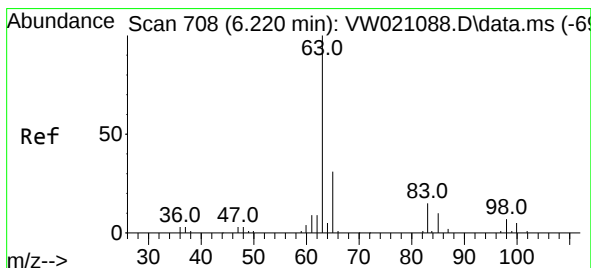
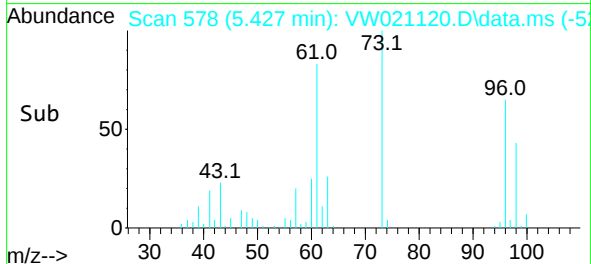
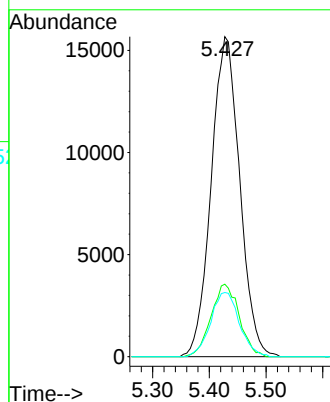


#18
Methyl tert-butyl Ether
Concen: 32.376 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Instrument :
MSVOA_W
ClientSampleId :

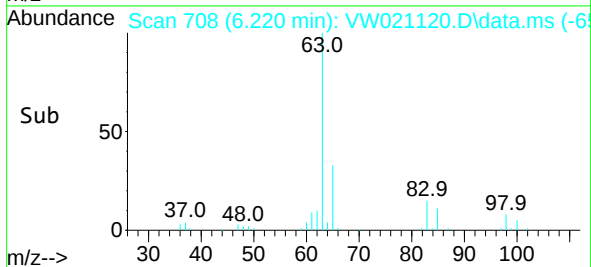
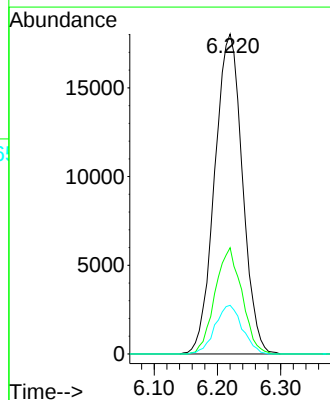
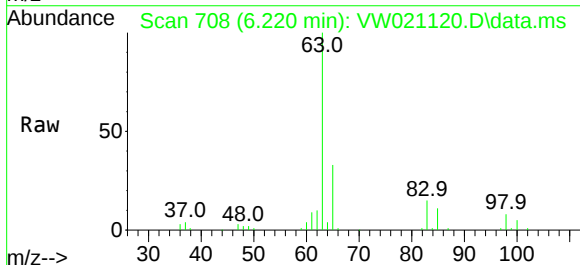


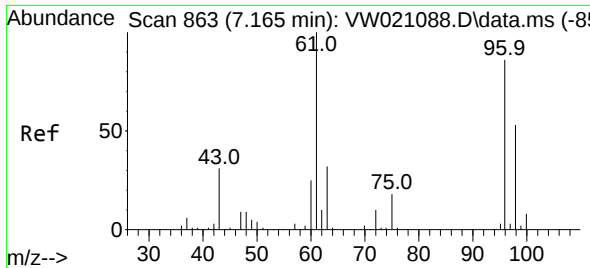
Tgt Ion: 73	Resp: 54693
Ion Ratio	Lower Upper
73 100	
43 22.4	19.5 29.3
57 20.3	19.3 28.9



#19
1,1-Dichloroethane
Concen: 30.960 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion: 63	Resp: 54949
Ion Ratio	Lower Upper
63 100	
65 33.2	22.1 41.1
83 15.2	9.2 17.2

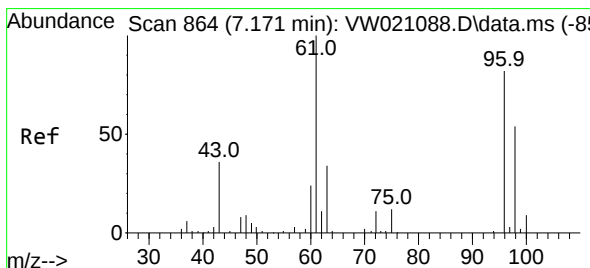
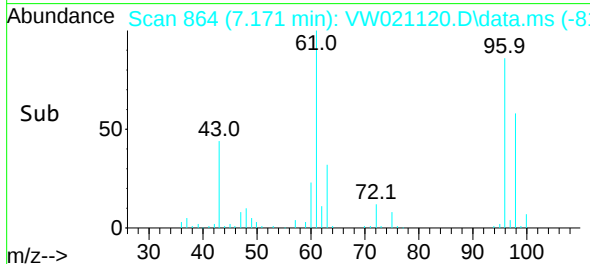
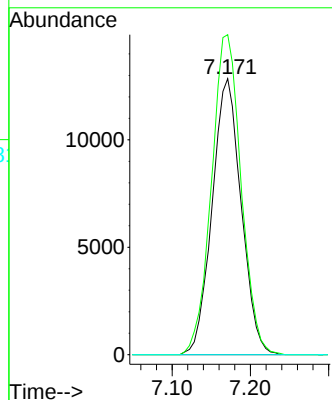
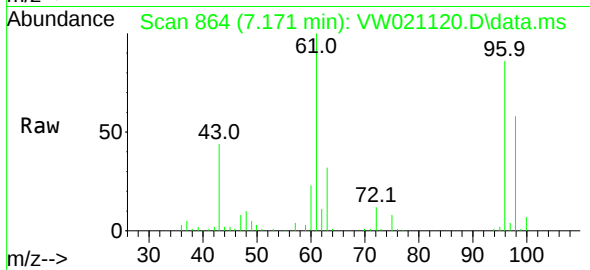




#20
 cis-1,2-Dichloroethene
 Concen: 27.850 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW021120.D
 Acq: 04 Dec 2021 16:03

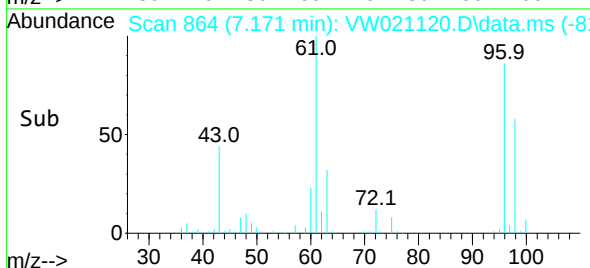
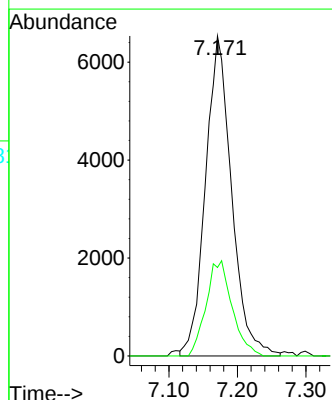
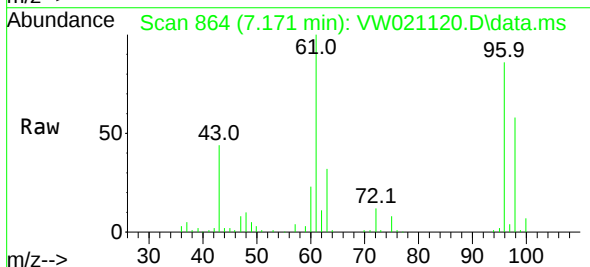
Instrument :
 MSVOA_W
 ClientSampleId :

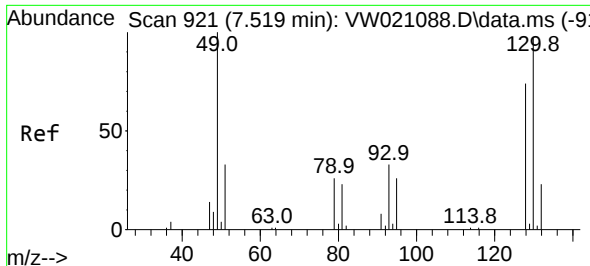
Tgt Ion: 96 Resp: 33070
 Ion Ratio Lower Upper
 96 100
 61 116.0 103.7 192.7
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 53.395 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW021120.D
 Acq: 04 Dec 2021 16:03

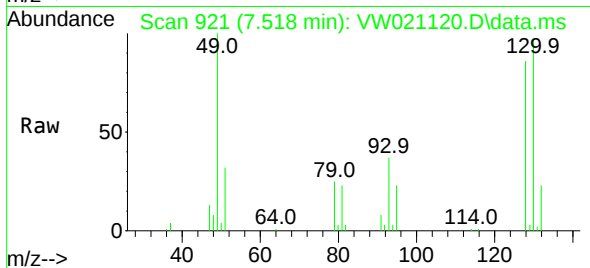
Tgt Ion: 43 Resp: 17324
 Ion Ratio Lower Upper
 43 100
 72 29.6 11.8 35.4



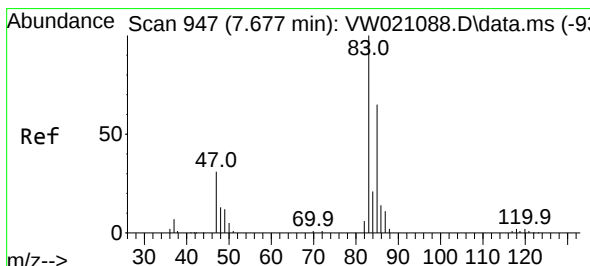
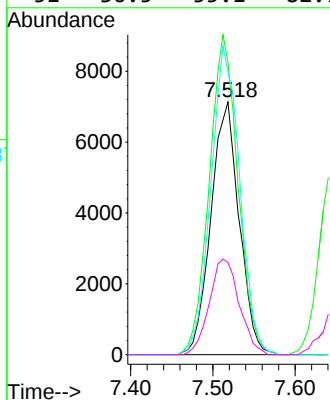
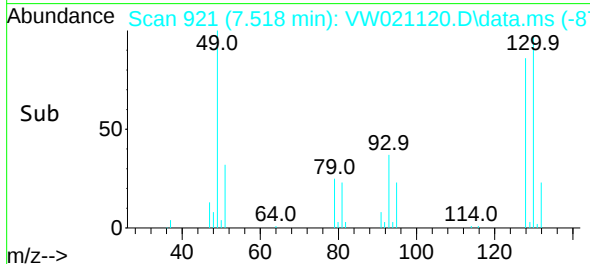


#23
Bromochloromethane
Concen: 30.690 ug/L
RT: 7.518 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Instrument :
MSVOA_W
ClientSampleId :

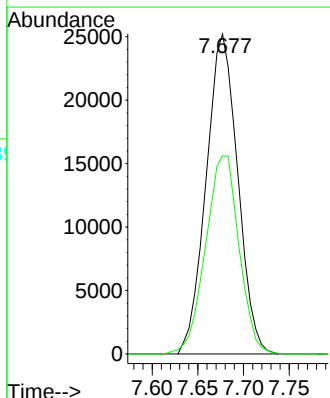
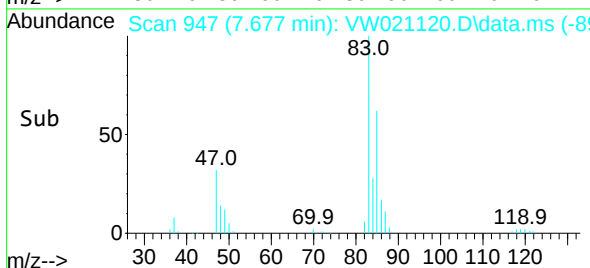
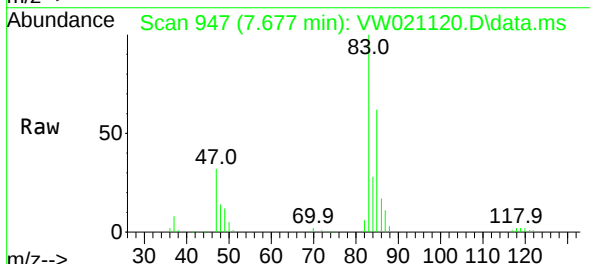


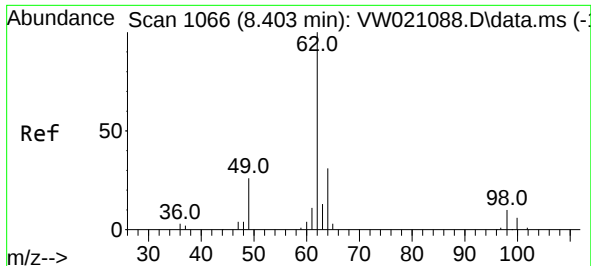
Tgt Ion:128 Resp: 17051
Ion Ratio Lower Upper
128 100
49 115.7 150.3 279.1#
130 111.8 88.3 163.9
51 36.5 55.1 82.7#



#25
Chloroform
Concen: 30.403 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion: 83 Resp: 60572
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.7





#27

1,2-Dichloroethane

Concen: 30.342 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW021120.D

Acq: 04 Dec 2021 16:03

Instrument :

MSVOA_W

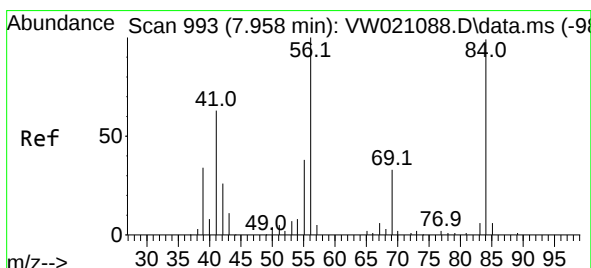
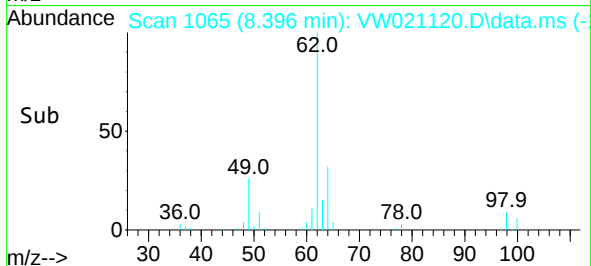
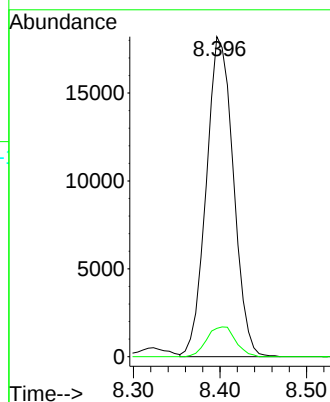
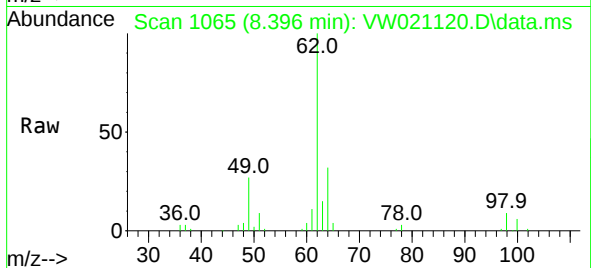
ClientSampleId :

Tgt Ion: 62 Resp: 39544

Ion Ratio Lower Upper

62 100

98 8.9 6.5 9.7



#29

Cyclohexane

Concen: 37.442 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021120.D

Acq: 04 Dec 2021 16:03

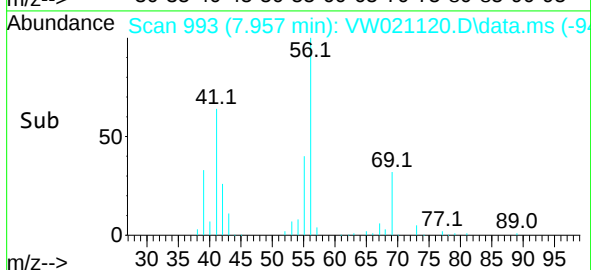
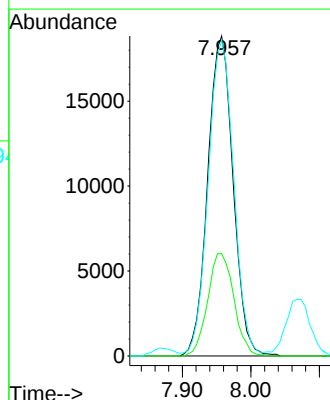
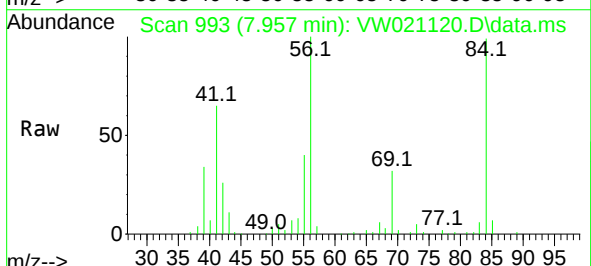
Tgt Ion: 56 Resp: 48445

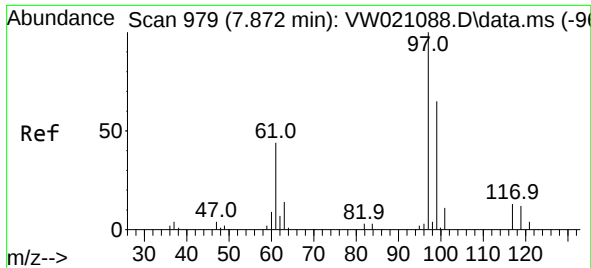
Ion Ratio Lower Upper

56 100

69 33.0 23.5 35.3

84 99.2 63.4 95.2#

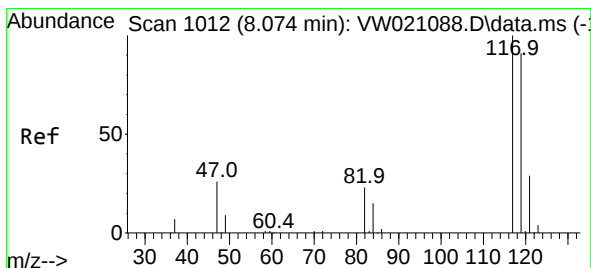
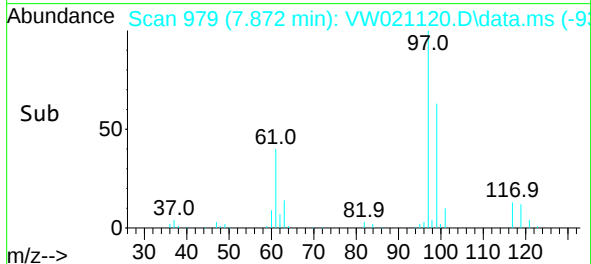
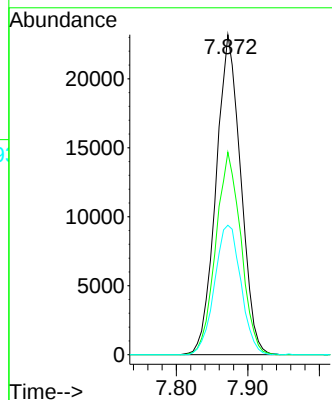
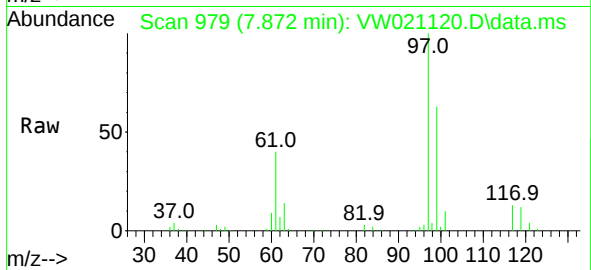




#30
1,1,1-Trichloroethane
Concen: 40.762 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

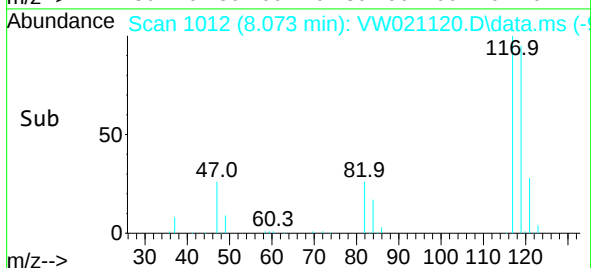
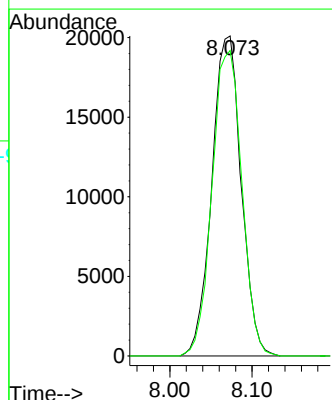
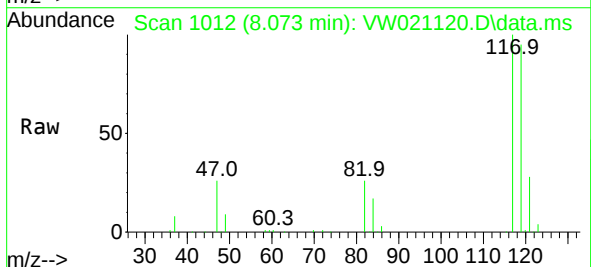
Instrument :
MSVOA_W
ClientSampleId :

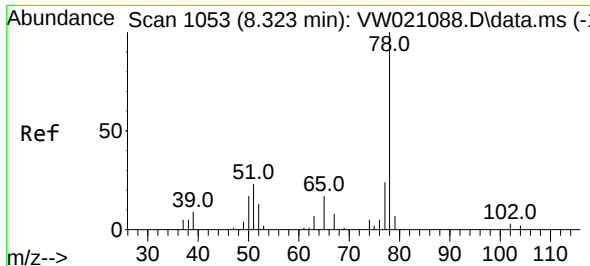
Tgt Ion: 97 Resp: 55742
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 43.1 40.9 61.3



#31
Carbon tetrachloride
Concen: 39.317 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion: 117 Resp: 49961
Ion Ratio Lower Upper
117 100
119 97.0 75.7 113.5

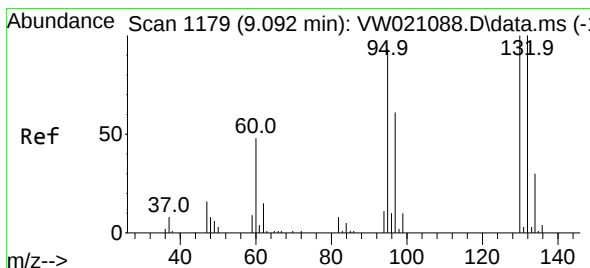
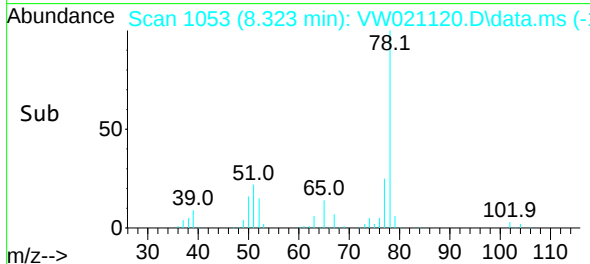
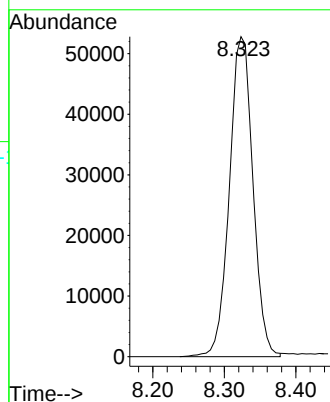
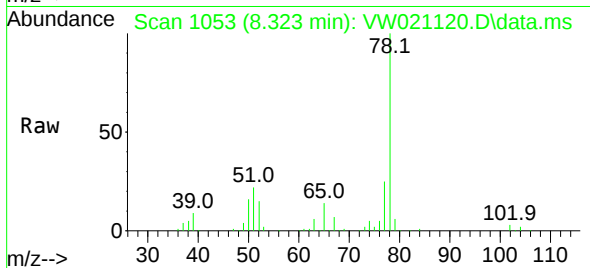




#33
Benzene
Concen: 36.237 ug/L
RT: 8.323 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Instrument :
MSVOA_W
ClientSampleId :

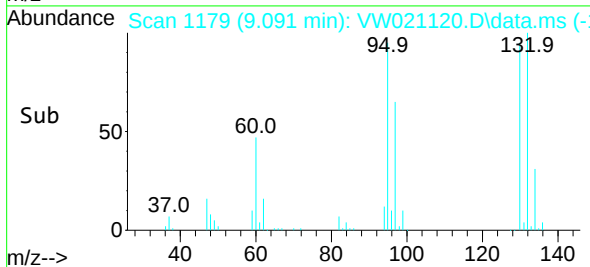
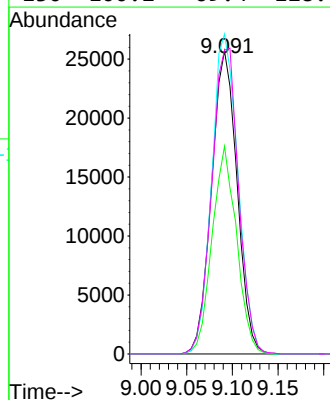
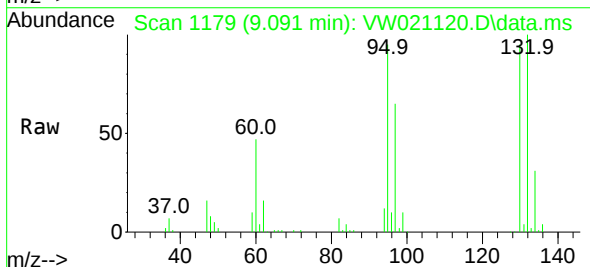
Tgt Ion: 78 Resp: 120862

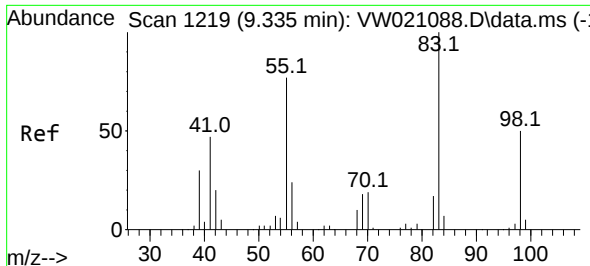


#34
Trichloroethene
Concen: 54.362 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion: 95 Resp: 50021

Ion	Ratio	Lower	Upper
95	100		
97	68.5	47.0	87.2
132	105.6	65.5	121.6
130	100.2	69.4	128.8

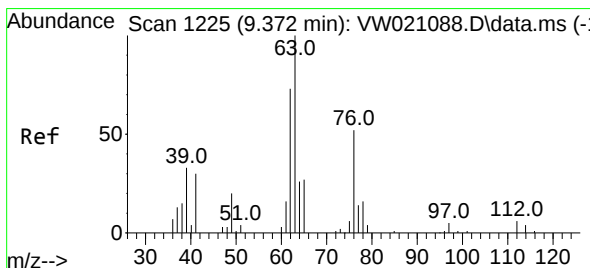
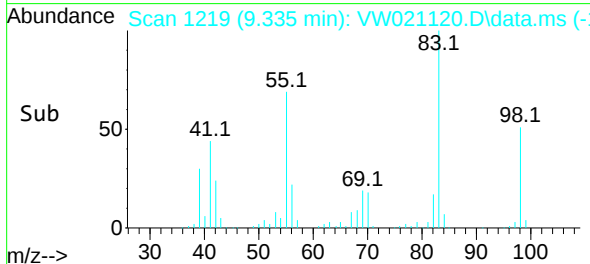
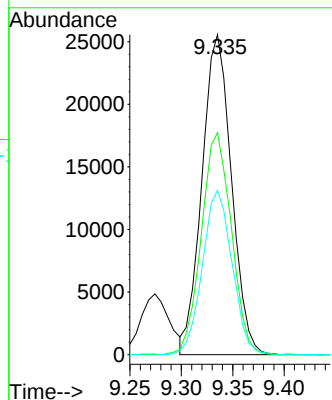
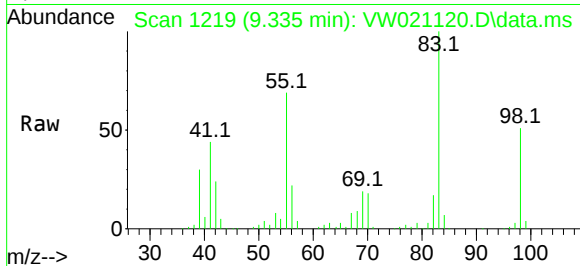




#35
Methylcyclohexane
Concen: 32.900 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

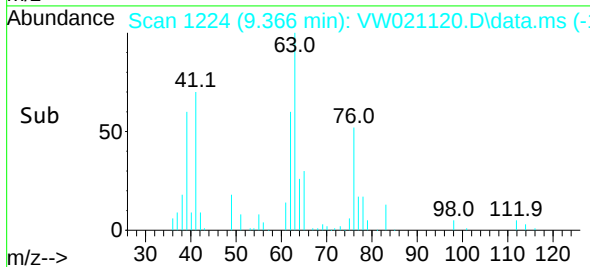
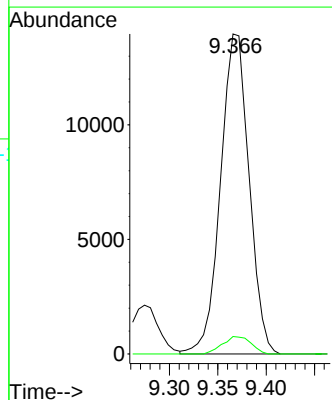
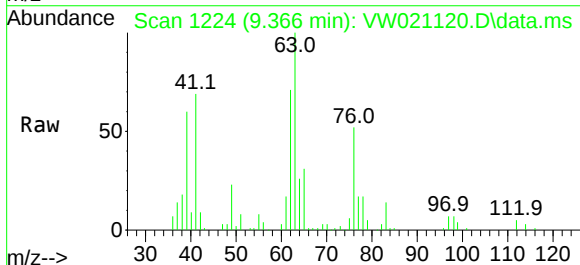
Instrument :
MSVOA_W
ClientSampleId :

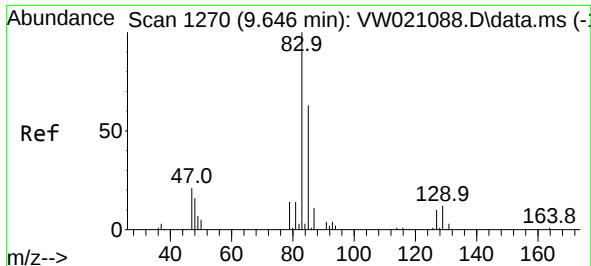
Tgt Ion: 83 Resp: 50956
Ion Ratio Lower Upper
83 100
55 70.5 70.8 106.2#
98 51.7 37.7 56.5



#37
1,2-Dichloropropane
Concen: 37.977 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

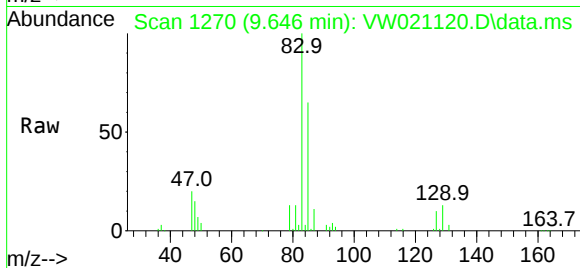
Tgt Ion: 63 Resp: 28628
Ion Ratio Lower Upper
63 100
112 5.4 3.2 4.8#



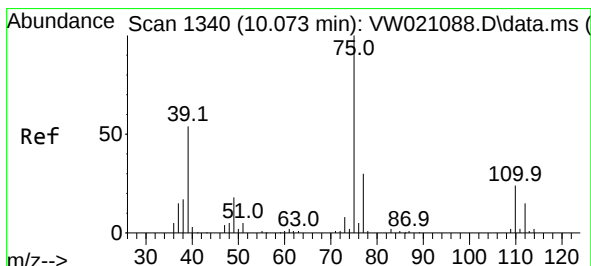
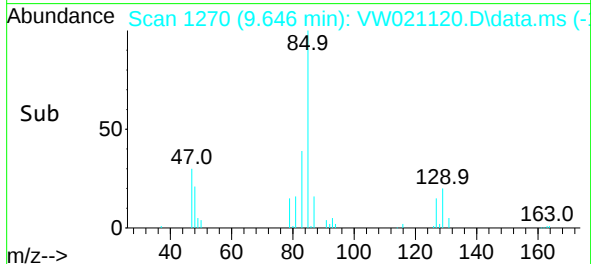
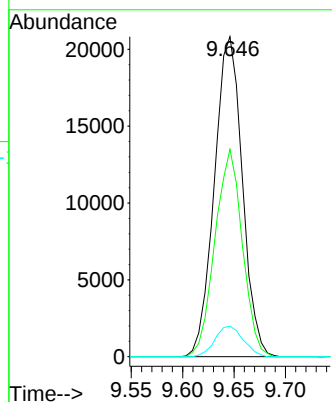


#38
Bromodichloromethane
Concen: 37.151 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Instrument :
MSVOA_W
ClientSampleId :

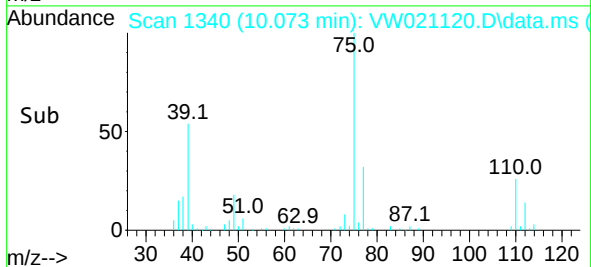
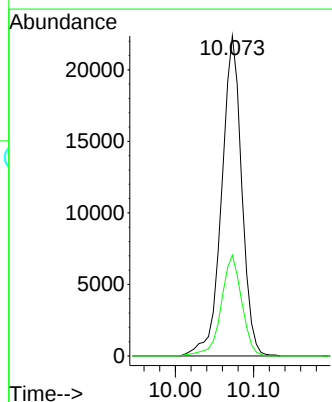
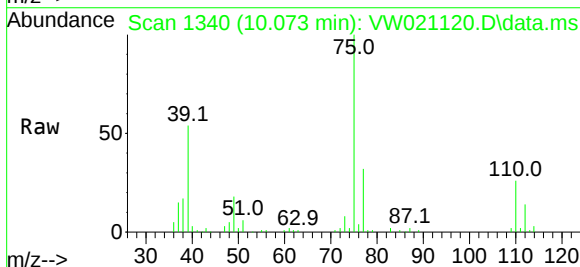


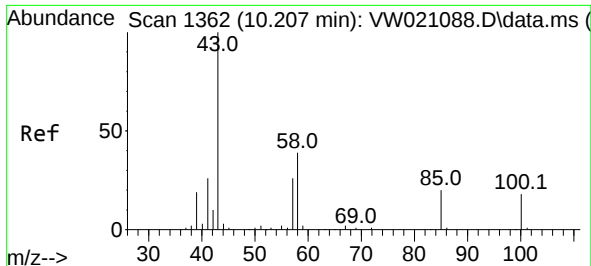
Tgt Ion: 83 Resp: 39369
Ion Ratio Lower Upper
83 100
85 64.8 44.1 81.9
127 9.6 6.1 9.1#



#39
cis-1,3-Dichloropropene
Concen: 32.675 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion: 75 Resp: 39842
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 68.686 ug/L

RT: 10.207 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021120.D

Acq: 04 Dec 2021 16:03

Instrument :

MSVOA_W

ClientSampleId :

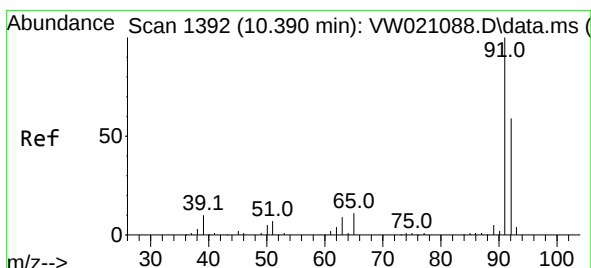
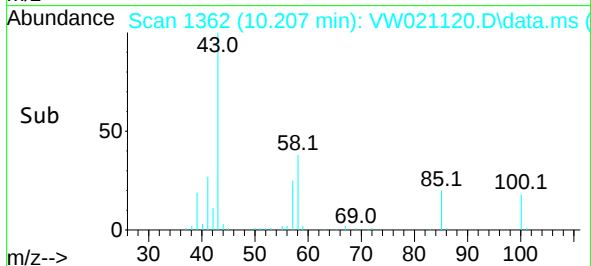
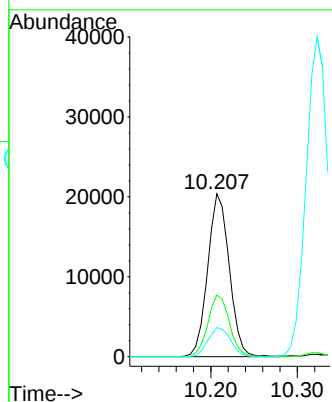
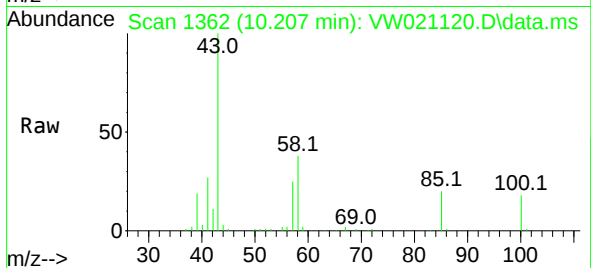
Tgt Ion: 43 Resp: 35273

Ion Ratio Lower Upper

43 100

58 37.7 28.8 43.2

100 18.5 10.0 15.0#



#42

Toluene

Concen: 32.218 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW021120.D

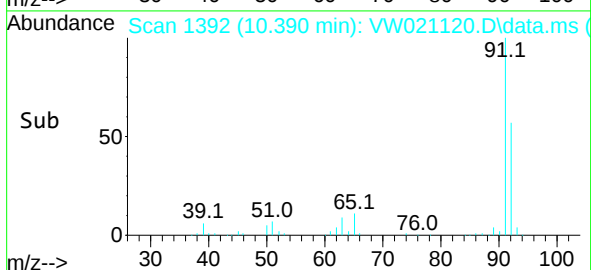
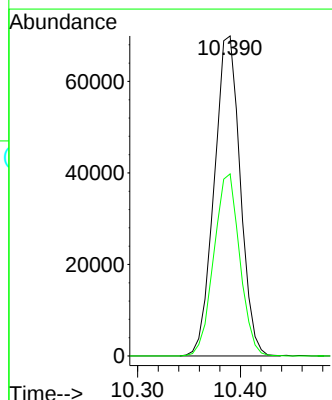
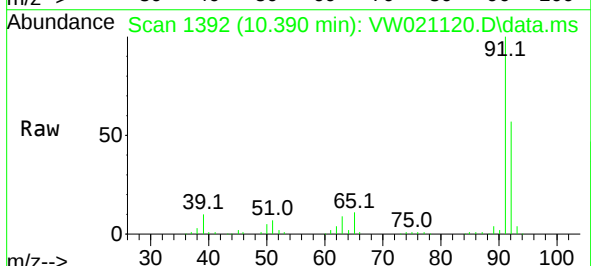
Acq: 04 Dec 2021 16:03

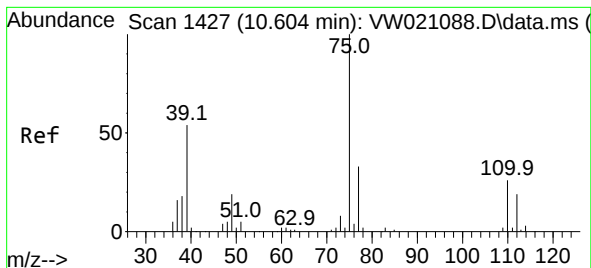
Tgt Ion: 91 Resp: 122734

Ion Ratio Lower Upper

91 100

92 56.9 41.7 77.5





#44

trans-1,3-Dichloropropene

Concen: 27.221 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021120.D

Acq: 04 Dec 2021 16:03

Instrument :

MSVOA_W

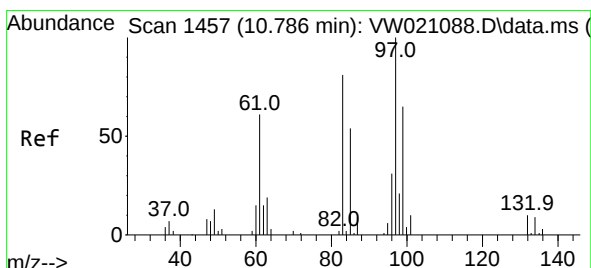
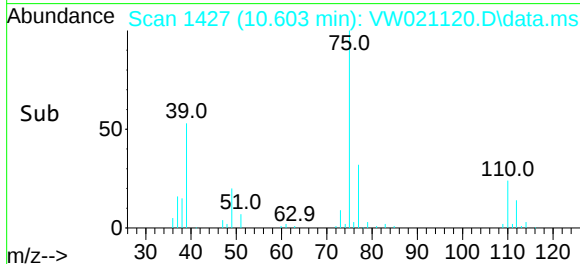
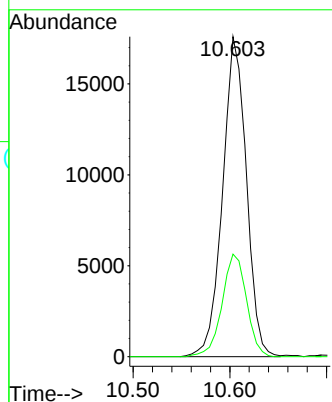
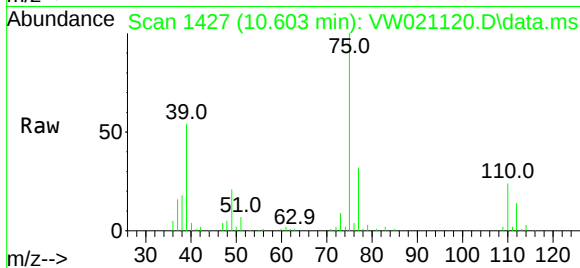
ClientSampleId :

Tgt Ion: 75 Resp: 30029

Ion Ratio Lower Upper

75 100

77 32.1 22.2 41.2



#45

1,1,2-Trichloroethane

Concen: 34.419 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021120.D

Acq: 04 Dec 2021 16:03

Tgt Ion: 97 Resp: 21753

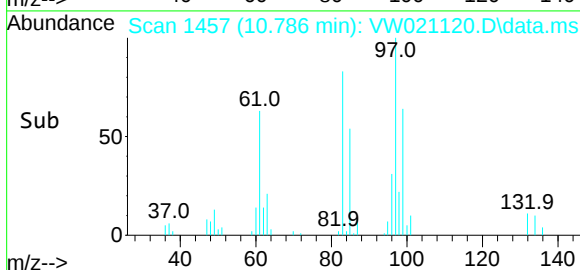
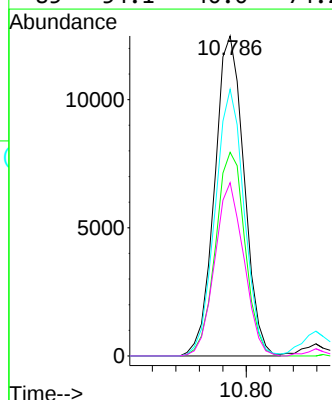
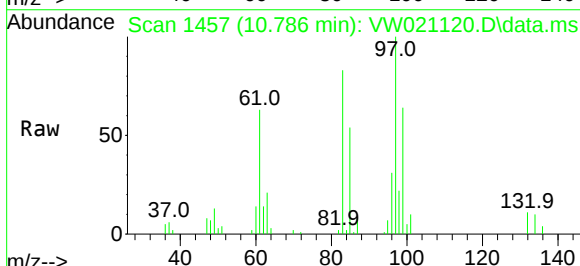
Ion Ratio Lower Upper

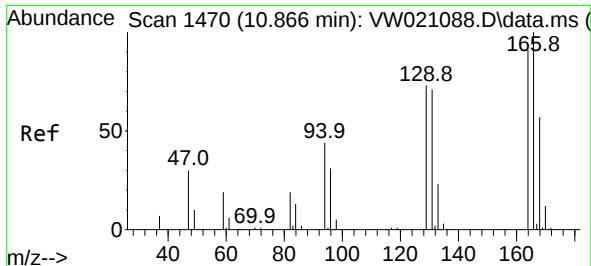
97 100

99 63.6 43.0 79.8

83 83.3 62.6 116.3

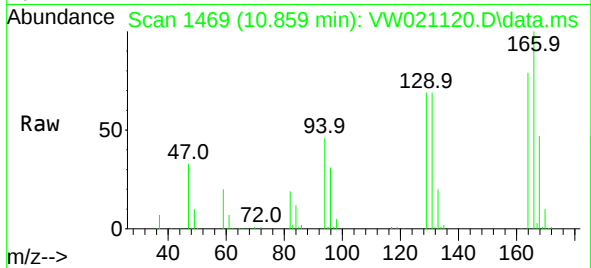
85 54.1 40.0 74.2



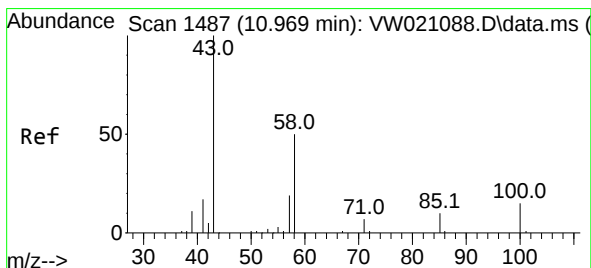
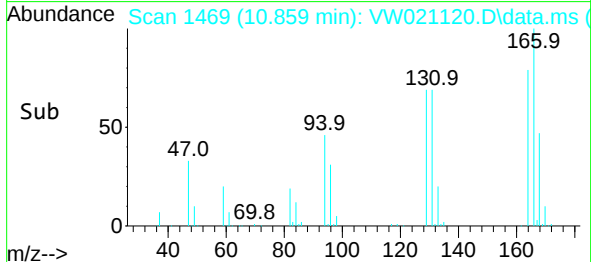
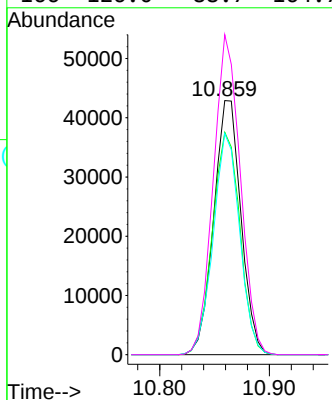


#46
Tetrachloroethene
Concen: 88.106 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Instrument :
MSVOA_W
ClientSampleId :

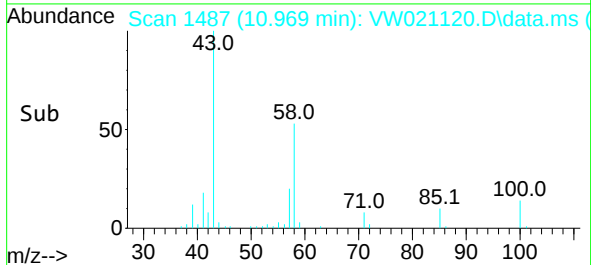
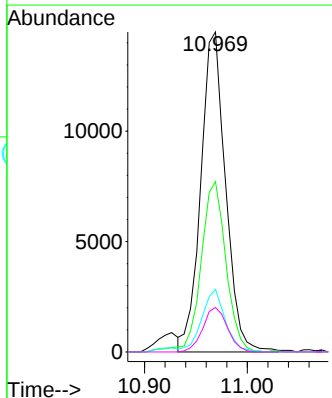
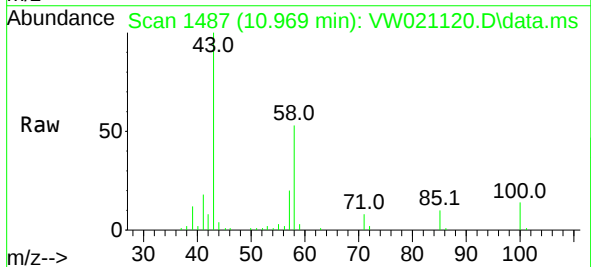


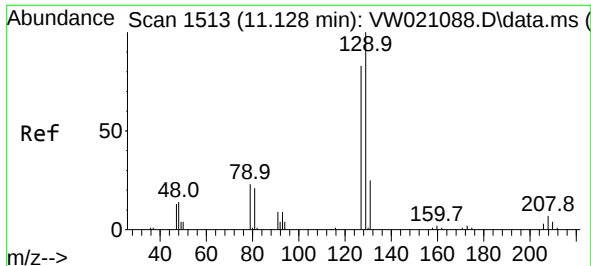
Tgt Ion:164 Resp: 74236
Ion Ratio Lower Upper
164 100
129 87.5 65.5 121.7
131 87.1 59.7 110.9
166 126.0 88.7 164.7



#48
2-Hexanone
Concen: 65.632 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion: 43 Resp: 24314
Ion Ratio Lower Upper
43 100
58 52.3 40.2 60.2
57 18.6 14.3 21.5
100 13.7 8.0 12.0#





#49

Dibromochloromethane

Concen: 31.793 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW021120.D

Acq: 04 Dec 2021 16:03

Instrument :

MSVOA_W

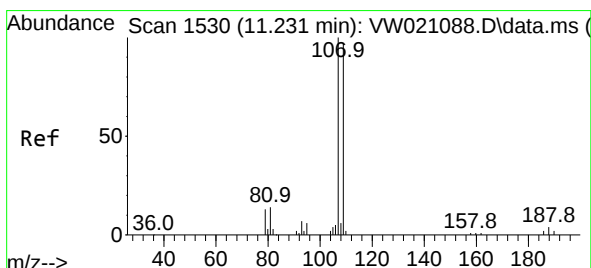
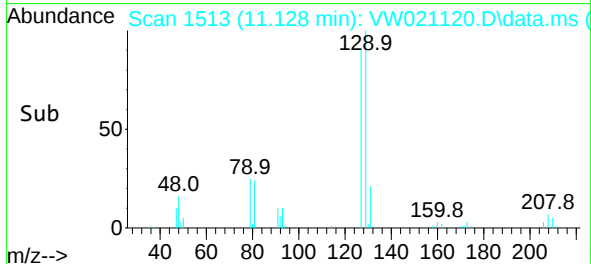
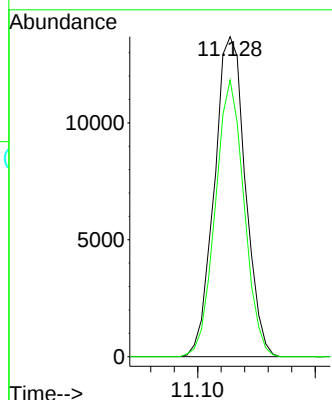
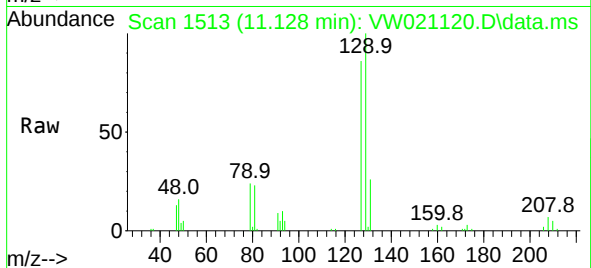
ClientSampleId :

Tgt Ion:129 Resp: 25113

Ion Ratio Lower Upper

129 100

127 86.5 55.7 103.5



#50

1,2-Dibromoethane

Concen: 29.269 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW021120.D

Acq: 04 Dec 2021 16:03

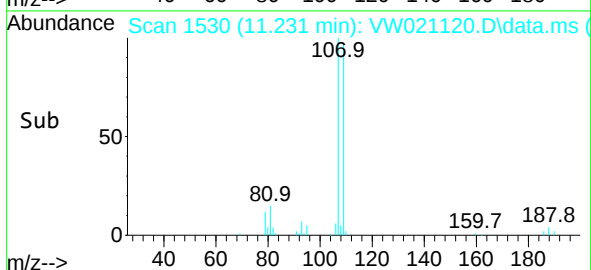
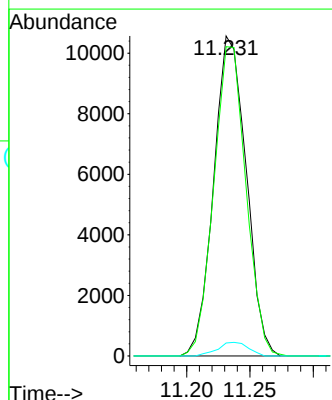
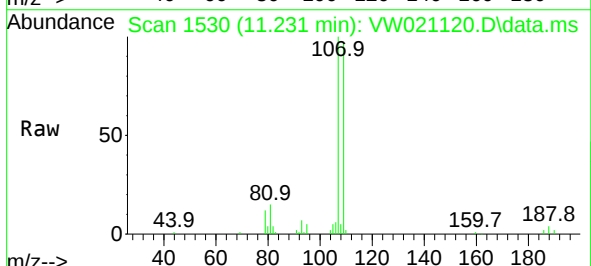
Tgt Ion:107 Resp: 18864

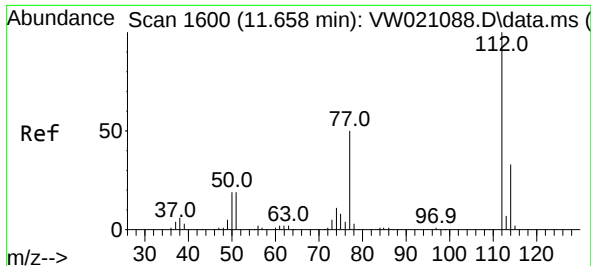
Ion Ratio Lower Upper

107 100

109 96.6 64.1 119.1

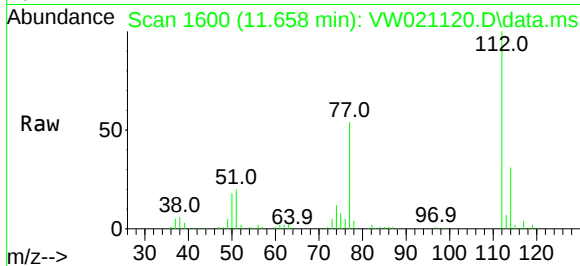
188 4.1 2.6 3.8#



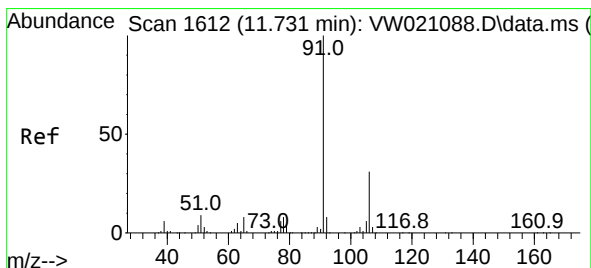
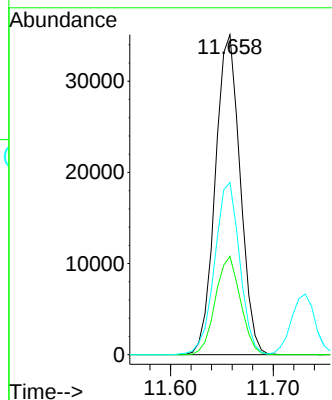
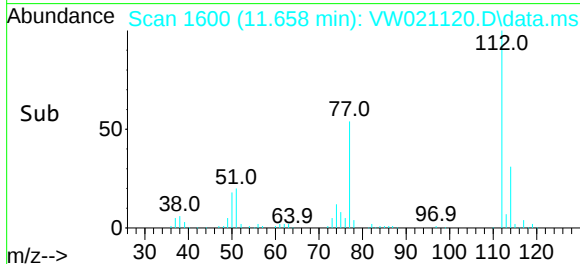


#51
Chlorobenzene
Concen: 23.153 ug/L
RT: 11.658 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Instrument :
MSVOA_W
ClientSampleId :

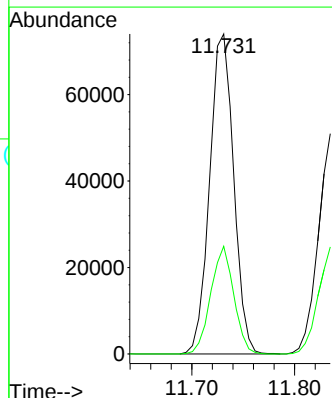
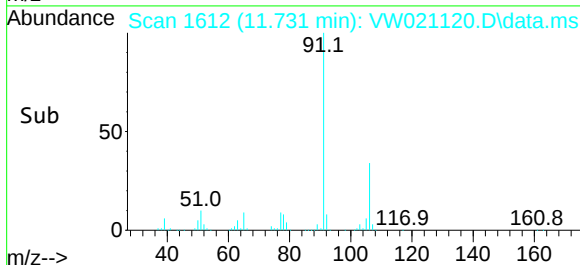
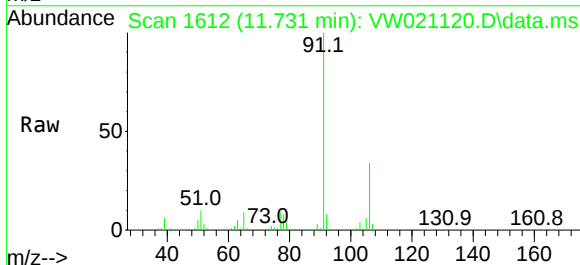


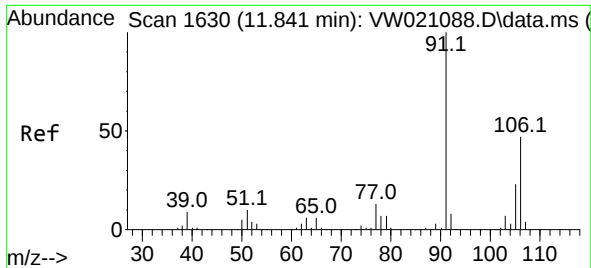
Tgt Ion:112 Resp: 58934
Ion Ratio Lower Upper
112 100
114 30.8 22.4 41.6
77 53.8 50.2 75.4



#52
Ethylbenzene
Concen: 28.012 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion: 91 Resp: 120132
Ion Ratio Lower Upper
91 100
106 33.6 21.5 39.9

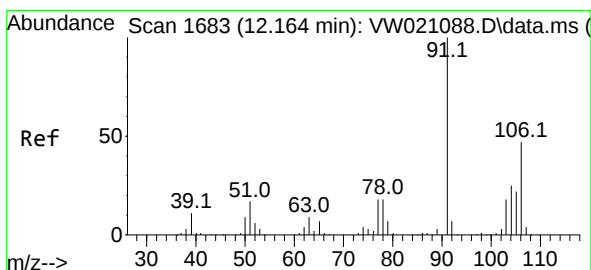
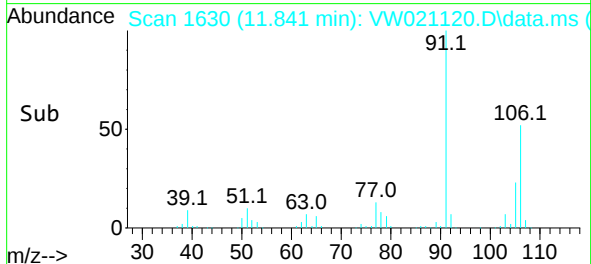
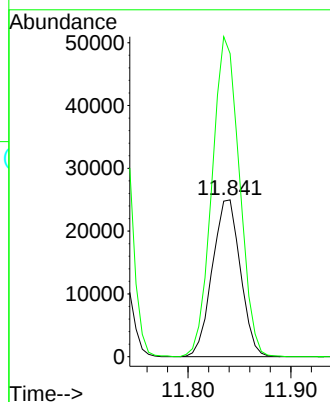
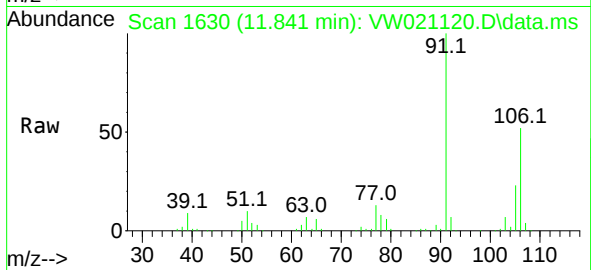




#53
m,p-Xylene
Concen: 26.721 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

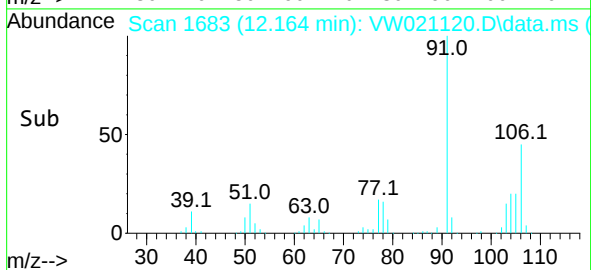
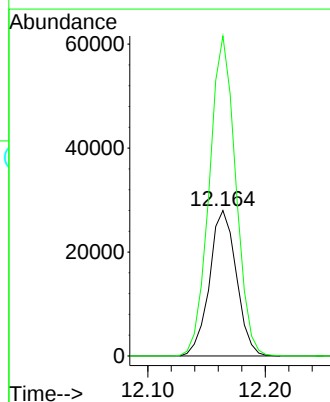
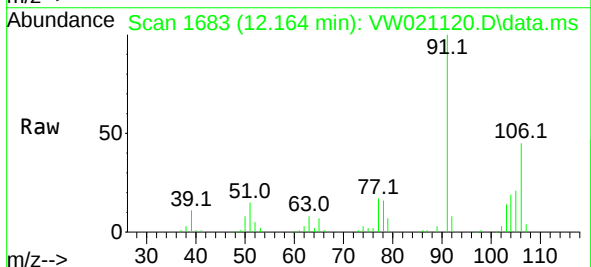
Instrument :
MSVOA_W
ClientSampleId :

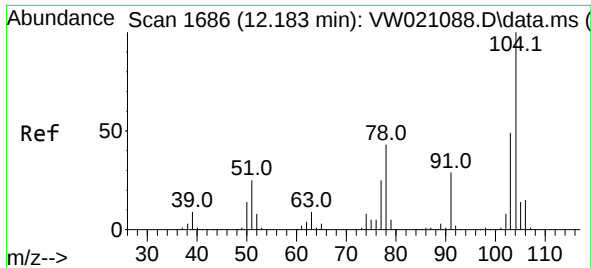
Tgt Ion:106 Resp: 47407
Ion Ratio Lower Upper
106 100
91 193.4 149.9 278.3



#54
o-Xylene
Concen: 26.614 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion:106 Resp: 44517
Ion Ratio Lower Upper
106 100
91 220.0 153.6 285.3

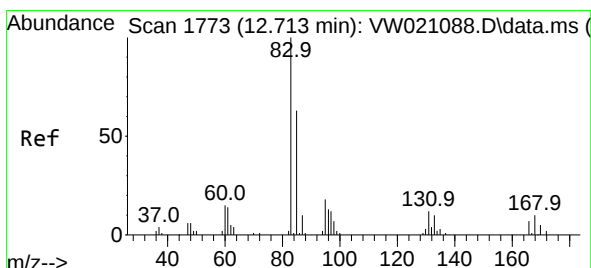
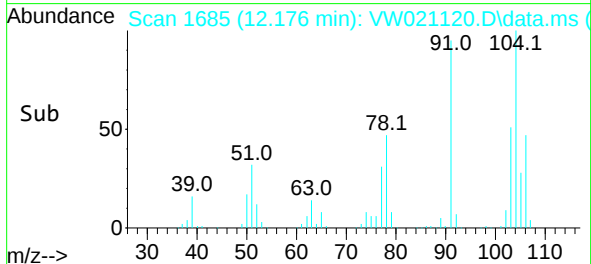
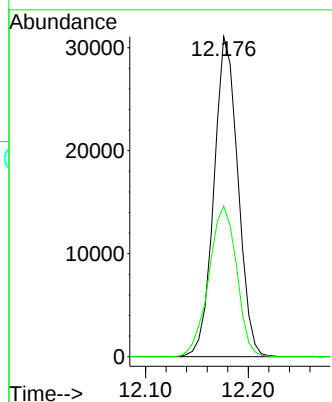
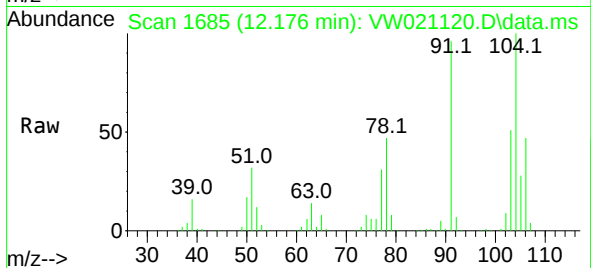




#55
Styrene
Concen: 17.670 ug/L
RT: 12.176 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

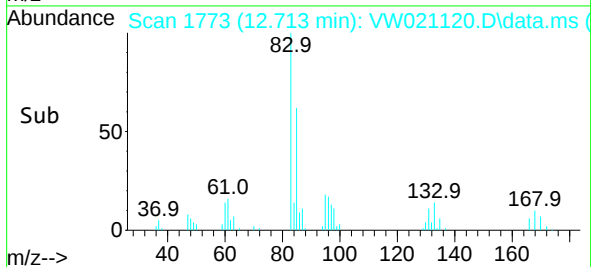
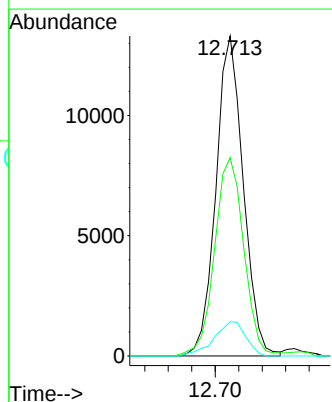
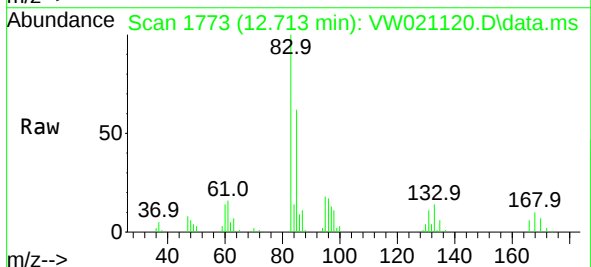
Instrument :
MSVOA_W
ClientSampleId :

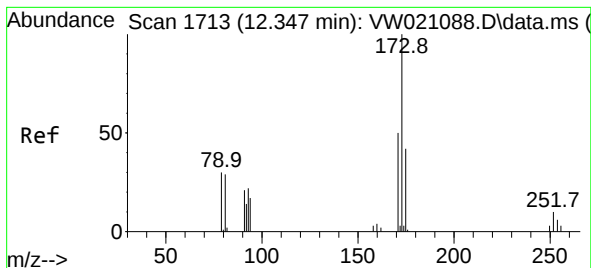
Tgt Ion:104 Resp: 50358
Ion Ratio Lower Upper
104 100
78 47.0 34.4 64.0



#57
1,1,2,2-Tetrachloroethane
Concen: 28.323 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion: 83 Resp: 21530
Ion Ratio Lower Upper
83 100
85 62.0 44.0 81.6
131 10.7 6.9 10.3#





#59

Bromoform

Concen: 52.306 ug/L

RT: 12.347 min Scan# 1

Delta R.T. -0.000 min

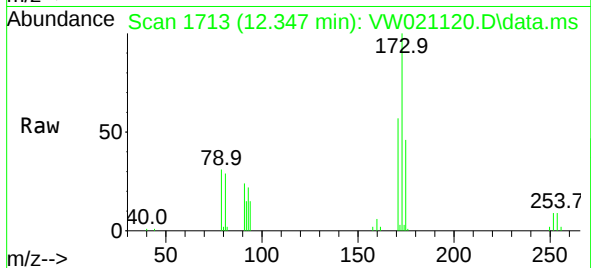
Lab File: VW021120.D

Acq: 04 Dec 2021 16:03

Instrument :

MSVOA_W

ClientSampleId :



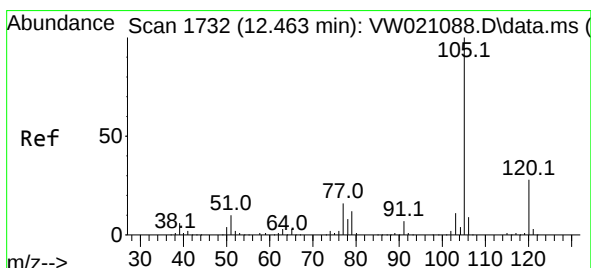
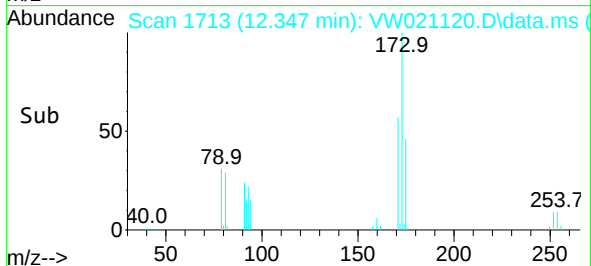
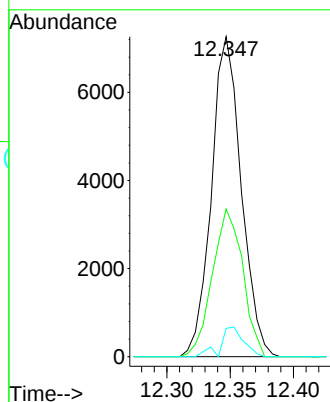
Tgt Ion:173 Resp: 11899

Ion Ratio Lower Upper

173 100

175 46.9 39.6 59.4

254 6.2 7.4 11.0#



#60

Isopropylbenzene

Concen: 57.012 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021120.D

Acq: 04 Dec 2021 16:03

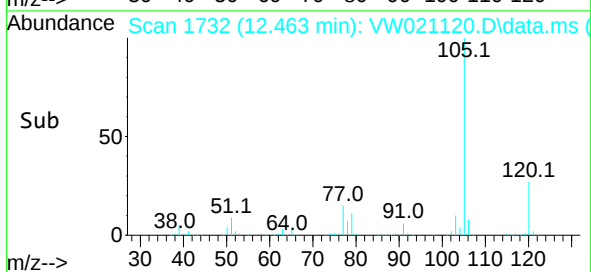
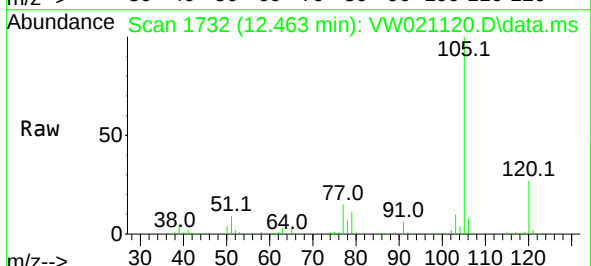
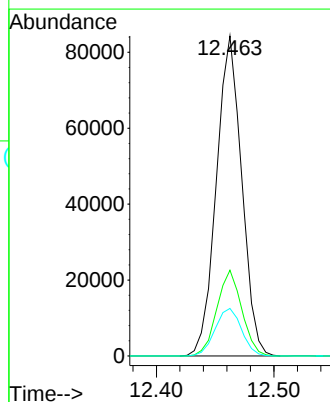
Tgt Ion:105 Resp: 126394

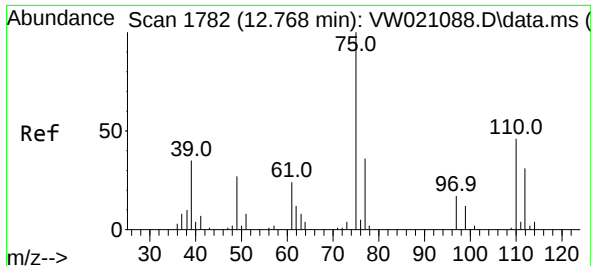
Ion Ratio Lower Upper

105 100

120 26.3 20.1 30.1

77 15.5 13.8 20.8





#61

1,2,3-Trichloropropane

Concen: 60.145 ug/L

RT: 12.767 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021120.D

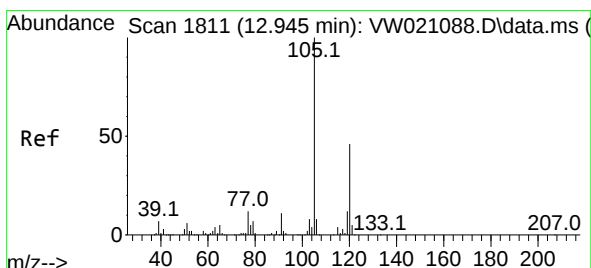
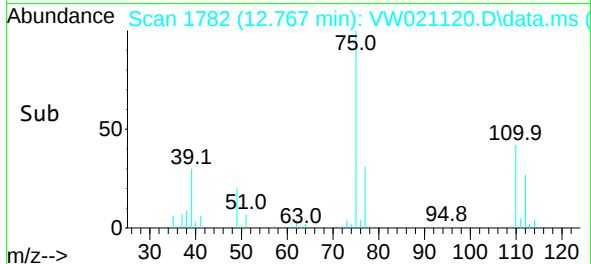
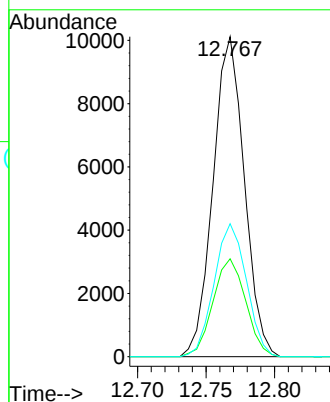
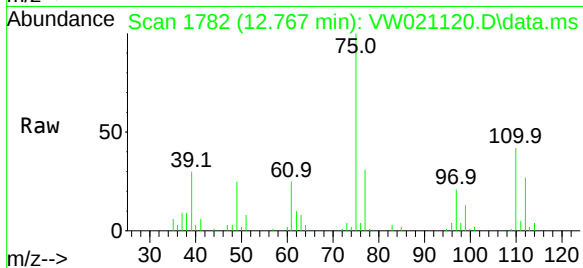
Acq: 04 Dec 2021 16:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	16072
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.8
110	43.0	29.0	43.4



#62

1,3,5-Trimethylbenzene

Concen: 50.905 ug/L

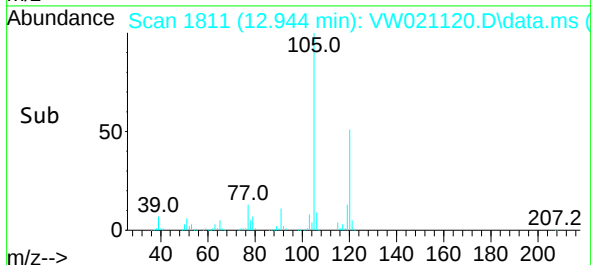
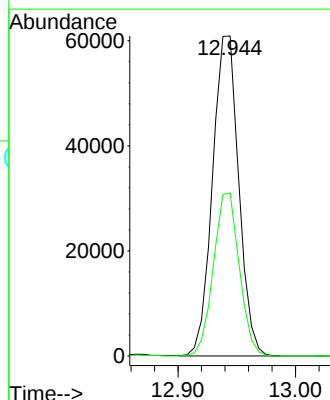
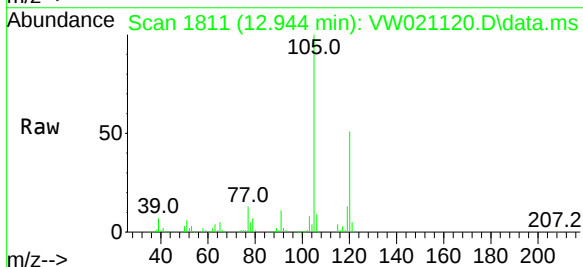
RT: 12.944 min Scan# 1811

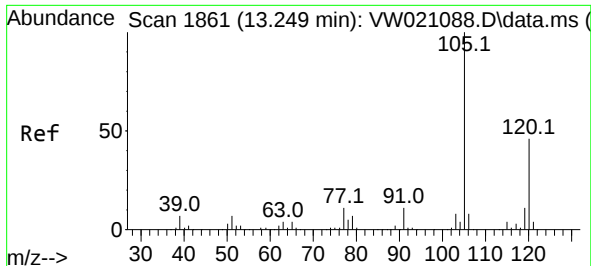
Delta R.T. -0.000 min

Lab File: VW021120.D

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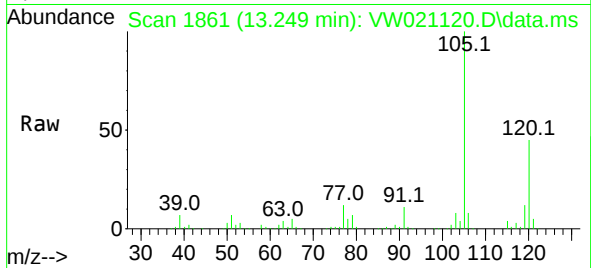
Tgt Ion:	105	Resp:	94508
Ion	Ratio	Lower	Upper
105	100		
120	50.2	37.4	56.2



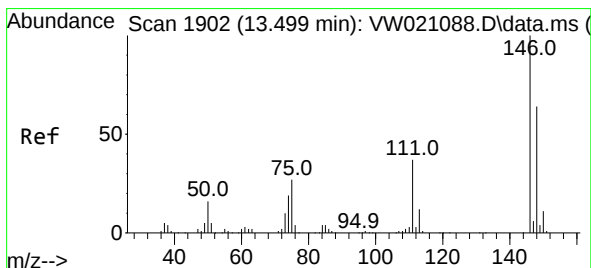
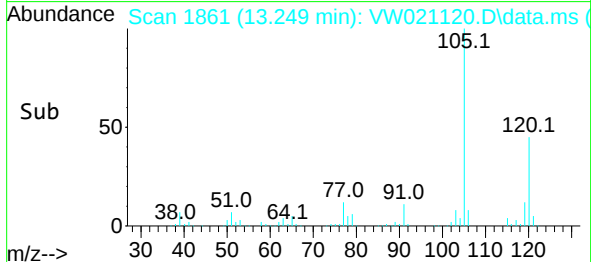
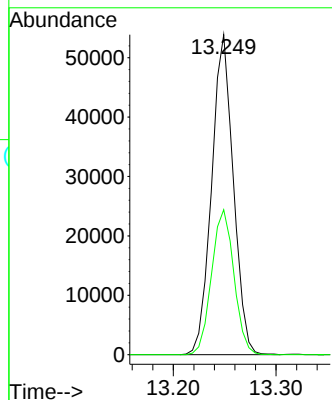


#63
1,2,4-Trimethylbenzene
Concen: 42.267 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Instrument :
MSVOA_W
ClientSampleId :

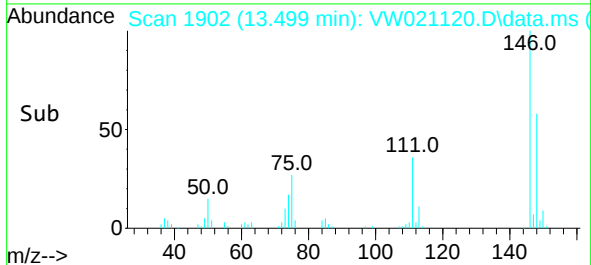
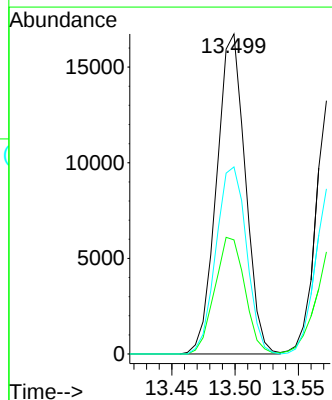
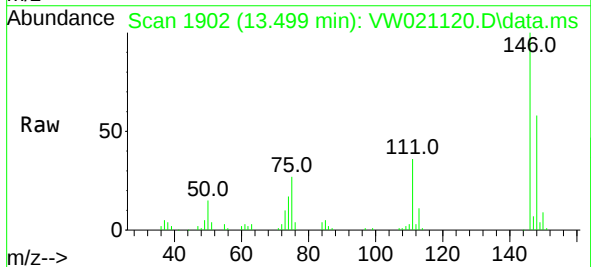


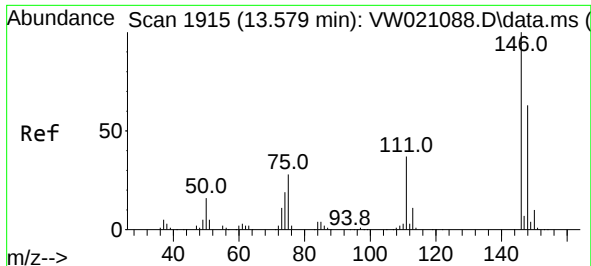
Tgt Ion:105 Resp: 78923
Ion Ratio Lower Upper
105 100
120 46.6 35.0 52.6



#64
1,3-Dichlorobenzene
Concen: 25.312 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Tgt Ion:146 Resp: 26422
Ion Ratio Lower Upper
146 100
111 35.7 29.8 55.3
148 58.4 46.2 85.8

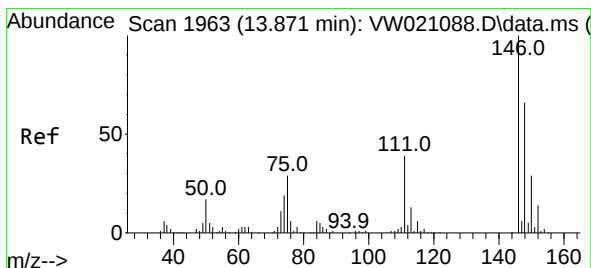
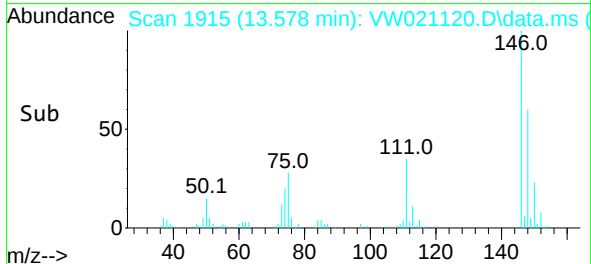
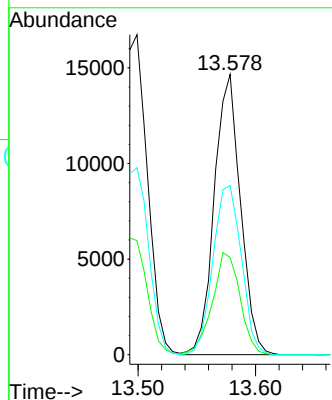
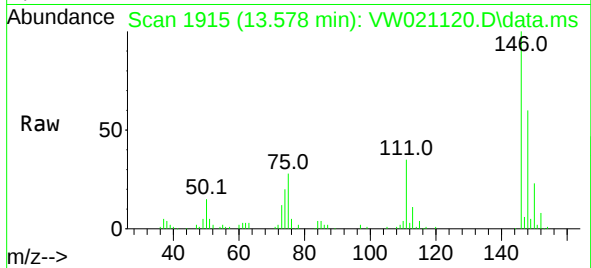




#65
1,4-Dichlorobenzene
Concen: 21.589 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

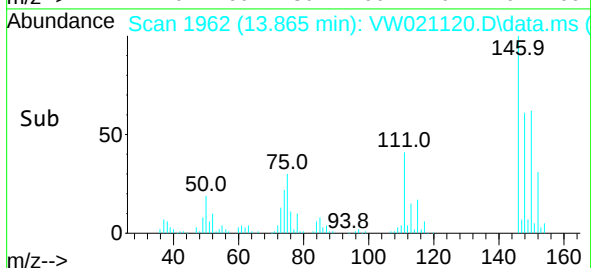
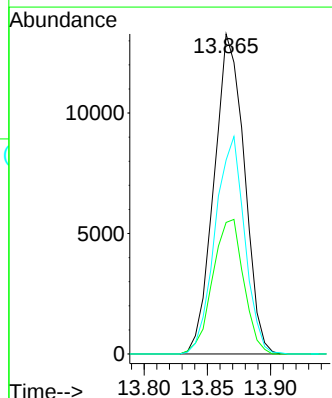
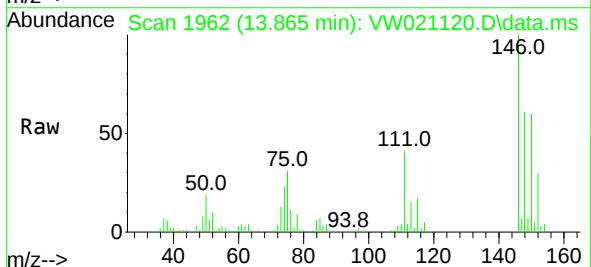
Instrument :
MSVOA_W
ClientSampleId :

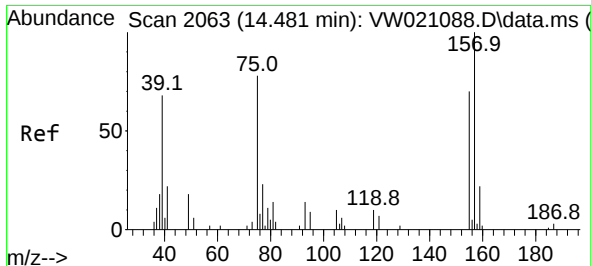
Tgt Ion:146 Resp: 22776
Ion Ratio Lower Upper
146 100
111 34.6 29.0 53.9
148 60.4 46.9 87.1



#67
1,2-Dichlorobenzene
Concen: 23.791 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

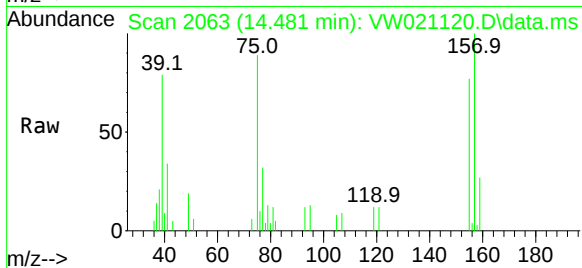
Tgt Ion:146 Resp: 22112
Ion Ratio Lower Upper
146 100
111 41.1 33.1 49.7
148 60.6 47.4 71.2



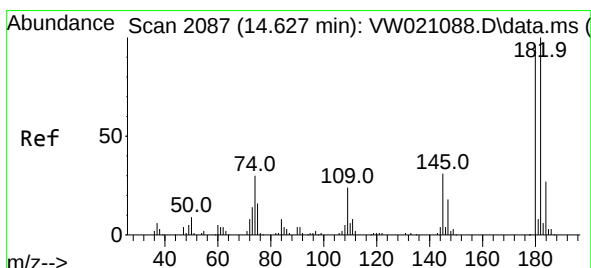
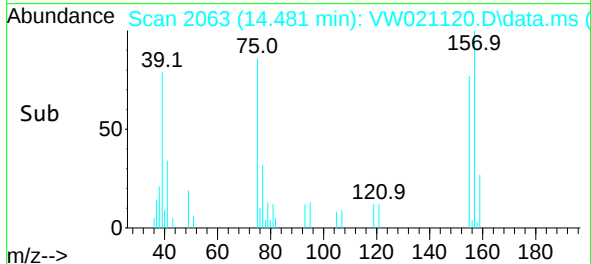
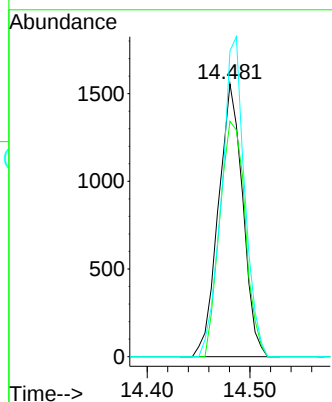


#68
1,2-Dibromo-3-chloropropane
Concen: 42.392 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Instrument :
MSVOA_W
ClientSampleId :

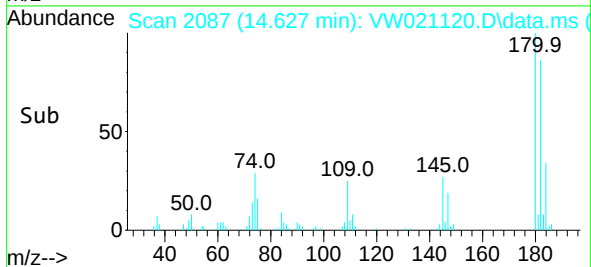
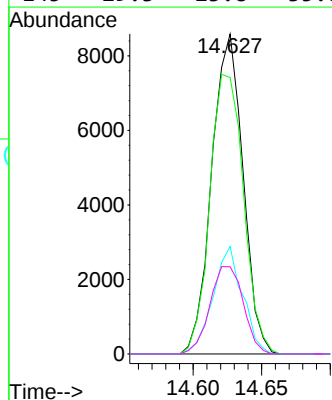
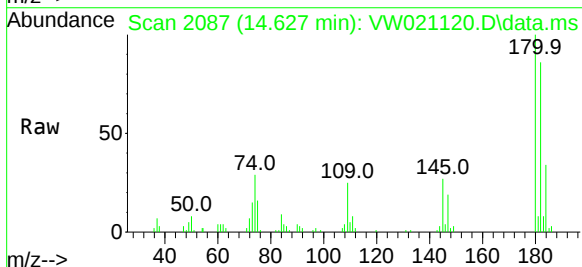


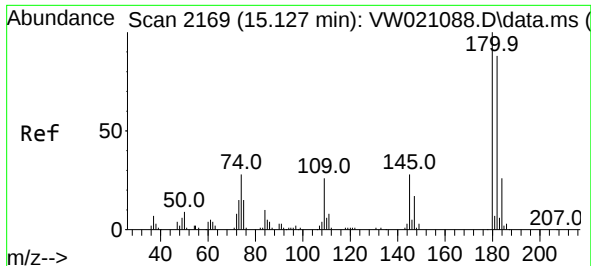
Tgt Ion: 75 Resp: 2558
Ion Ratio Lower Upper
75 100
155 86.2 54.2 81.2#
157 112.0 69.4 104.2#



#69
1,3,5-Trichlorobenzene
Concen: 17.758 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

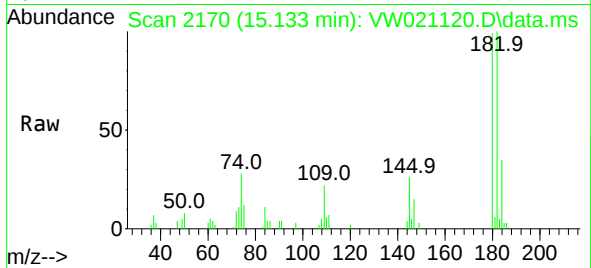
Tgt Ion: 180 Resp: 13624
Ion Ratio Lower Upper
180 100
182 94.2 75.4 113.0
184 31.8 23.8 35.8
145 29.3 23.8 35.8



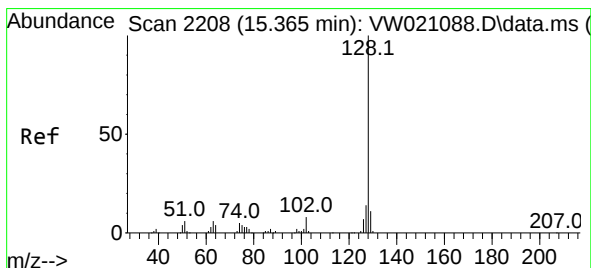
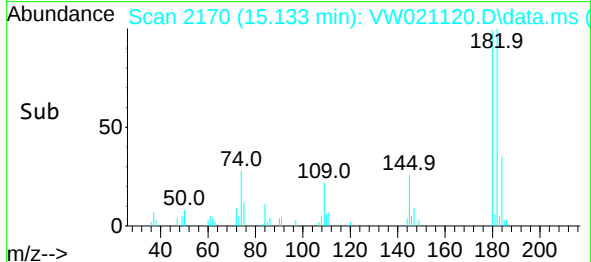
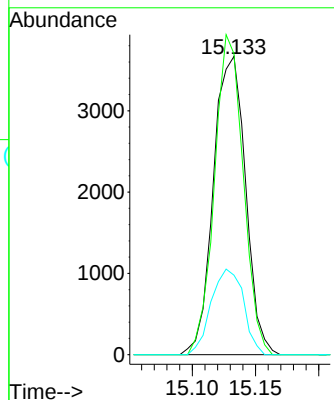


#70
1,2,4-trichlorobenzene
Concen: 10.293 ug/L
RT: 15.133 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

Instrument :
MSVOA_W
ClientSampleId :

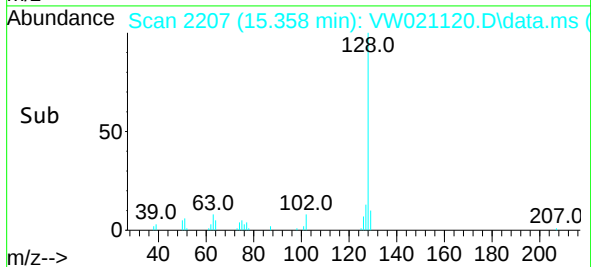
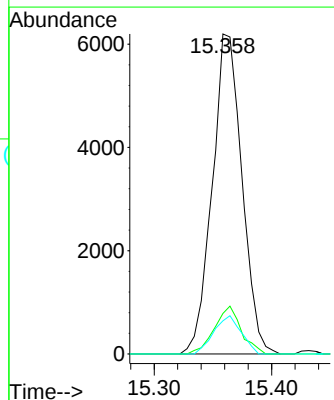
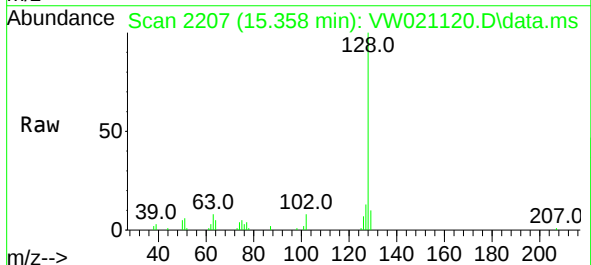


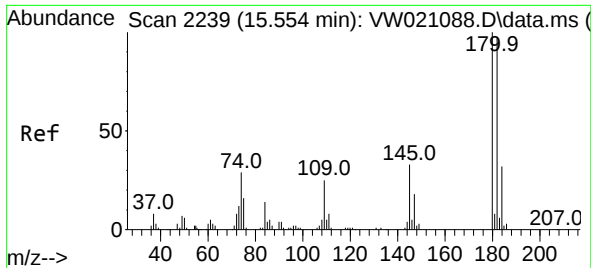
Tgt Ion:180 Resp: 6489
Ion Ratio Lower Upper
180 100
182 96.0 79.0 118.6
145 28.9 26.0 39.0



#71
Naphthalene
Concen: 9.302 ug/L
RT: 15.358 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW021120.D
Acq: 04 Dec 2021 16:03

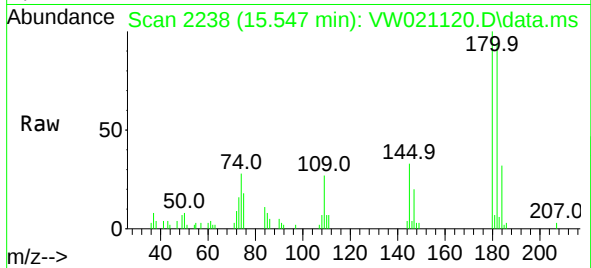
Tgt Ion:128 Resp: 10901
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.0 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 10.240 ug/L
 RT: 15.547 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW021120.D
 Acq: 04 Dec 2021 16:03

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	114.8
145	31.9	27.4	41.0

