

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021112.D
 Acq On : 04 Dec 2021 11:54
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:48:43 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	8.842	114	112412	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	101915	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	56347	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41015	26.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.760%	
7) Chloroethane-d5	2.879	69	28965	27.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.520%	
11) 1,1-Dichloroethene-d2	4.019	63	65581	26.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.840%	
21) 2-Butanone-d5	7.074	46	13395	37.496	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 75.000%	
24) Chloroform-d	7.647	84	69777	24.786	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 99.160%	
26) 1,2-Dichloroethane-d4	8.305	65	34525	22.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 89.680%	
32) Benzene-d6	8.275	84	131746	25.282	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.120%	
36) 1,2-Dichloropropane-d6	9.274	67	35527	24.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.120%	
41) Toluene-d8	10.323	98	131106	24.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 98.160%	
43) trans-1,3-Dichloroprop...	10.579	79	15055	22.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.600%	
47) 2-Hexanone-d5	10.920	63	10876	39.254	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 78.500%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28205	21.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 84.200%	
66) 1,2-Dichlorobenzene-d4	13.853	152	49096	24.318	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 97.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	12748	23.217	ug/L	97
3) Chloromethane	2.215	50	31251	25.423	ug/L	97
5) Vinyl chloride	2.361	62	54951	25.733	ug/L	94
6) Bromomethane	2.776	94	34393	24.222	ug/L	100
8) Chloroethane	2.922	64	24635	27.681	ug/L	100
9) Trichlorofluoromethane	3.263	101	30965	30.031	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39157	24.262	ug/L	89
12) 1,1-Dichloroethene	4.038	96	36141	24.769	ug/L	86
13) Acetone	4.129	43	11449	35.183	ug/L	94
14) Carbon disulfide	4.379	76	101181	24.983	ug/L	99
15) Methyl Acetate	4.672	43	11215	19.007	ug/L	# 86
16) Methylene chloride	4.915	84	34517	19.490	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	38323	24.668	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	51691	22.045	ug/L	93
19) 1,1-Dichloroethane	6.220	63	60040	24.372	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	39585	24.017	ug/L	75
22) 2-Butanone	7.171	43	15809	35.105	ug/L	87
23) Bromochloromethane	7.513	128	17864	23.165	ug/L	# 65
25) Chloroform	7.677	83	67259	24.323	ug/L	96

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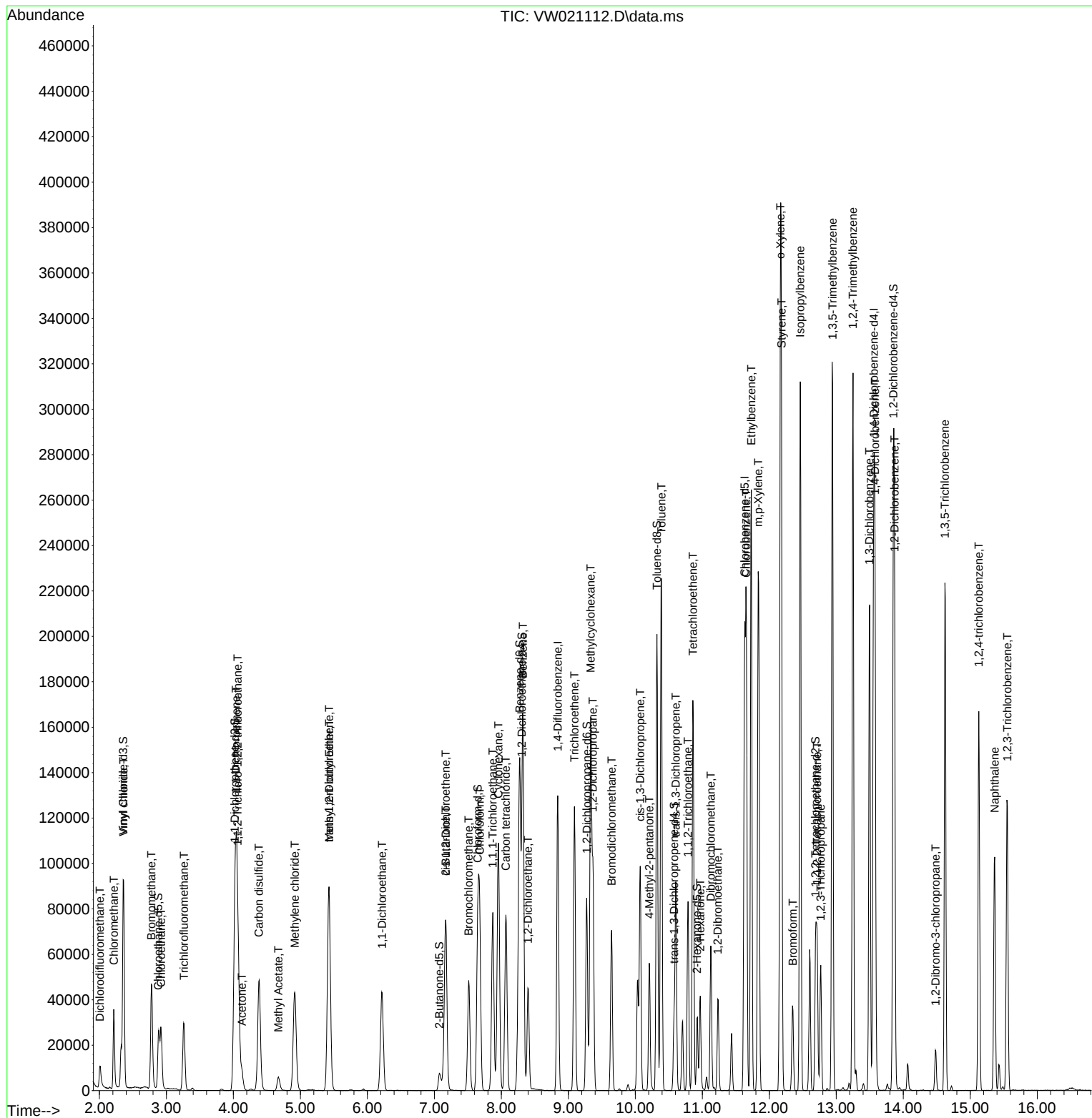
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	41005	22.668	ug/L	96
29) Cyclohexane	7.958	56	57120	25.406	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	61105	25.715	ug/L	94
31) Carbon tetrachloride	8.067	117	57807	26.180	ug/L	98
33) Benzene	8.323	78	143335	24.732	ug/L	100
34) Trichloroethene	9.092	95	40828	25.535	ug/L	87
35) Methylcyclohexane	9.335	83	68198	25.340	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	31898	24.352	ug/L #	97
38) Bromodichloromethane	9.646	83	45248	24.573	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	52698	24.872	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	35007	39.230	ug/L #	93
42) Toluene	10.390	91	164351	24.828	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	45581	23.778	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	24970	22.737	ug/L	95
46) Tetrachloroethene	10.860	164	39399	26.910	ug/L	91
48) 2-Hexanone	10.969	43	25874	40.194	ug/L #	95
49) Dibromochloromethane	11.128	129	31751	23.133	ug/L	95
50) 1,2-Dibromoethane	11.231	107	25823	23.058	ug/L #	98
51) Chlorobenzene	11.658	112	108408	24.509	ug/L	92
52) Ethylbenzene	11.731	91	185309	24.867	ug/L	98
53) m,p-Xylene	11.835	106	75567	24.512	ug/L	86
54) o-Xylene	12.164	106	70443	24.236	ug/L	98
55) Styrene	12.182	104	122869	24.811	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	27635	20.921	ug/L #	98
59) Bromoform	12.353	173	17111	21.294	ug/L #	98
60) Isopropylbenzene	12.463	105	202128	25.812	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	20402	21.615	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	169575	25.858	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	165372	25.073	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	87913	23.842	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	89716	24.075	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	78890	24.030	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4266	20.015	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	68901	25.426	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	52065	23.381	ug/L	95
71) Naphthalene	15.365	128	88741	21.437	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	44124	22.705	ug/L	98

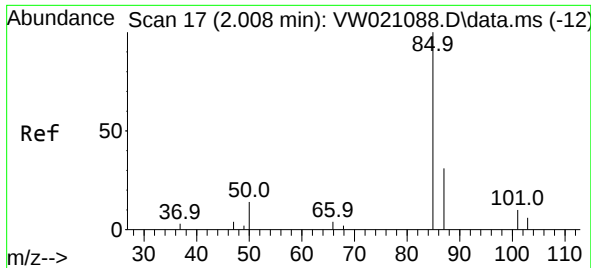
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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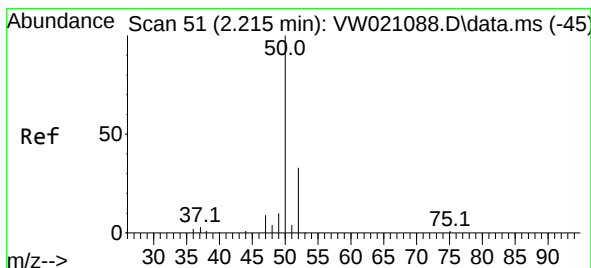
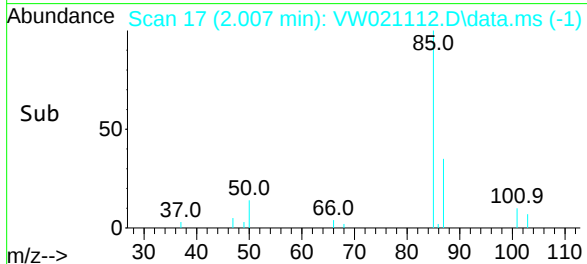
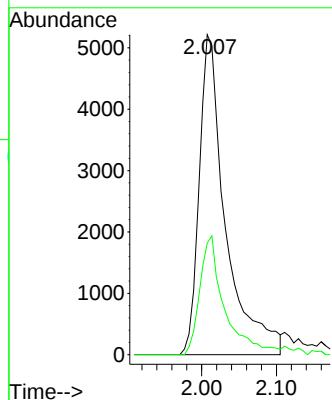
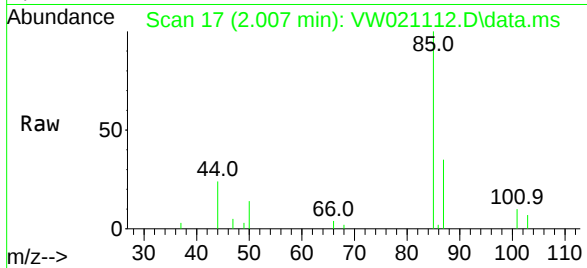




#2
Dichlorodifluoromethane
Concen: 23.217 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

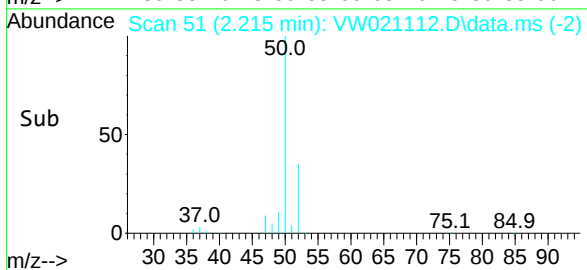
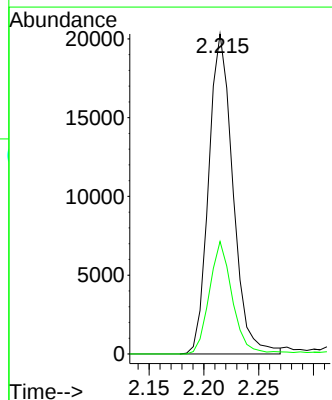
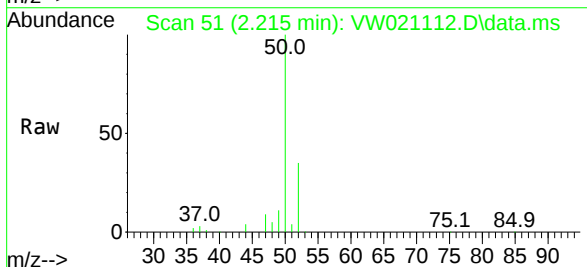
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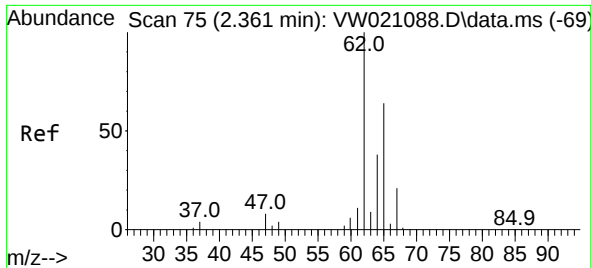
Tgt Ion: 85 Resp: 12748
Ion Ratio Lower Upper
85 100
87 33.7 25.8 38.6



#3
Chloromethane
Concen: 25.423 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion: 50 Resp: 31251
Ion Ratio Lower Upper
50 100
52 35.2 23.4 43.6



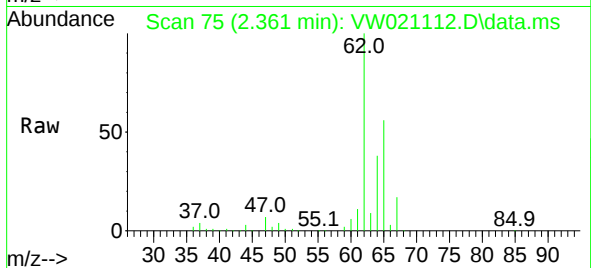


#5
 Vinyl chloride
 Concen: 25.733 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021112.D
 Acq: 04 Dec 2021 11:54

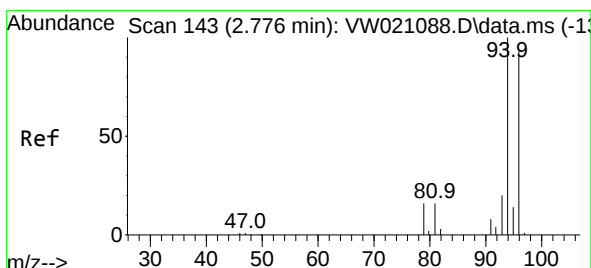
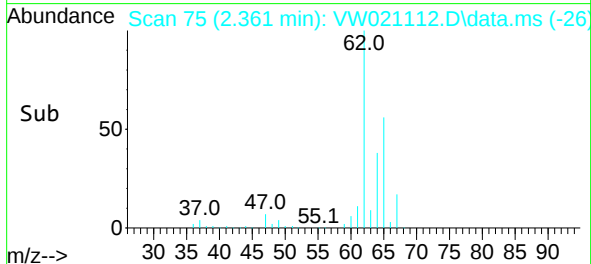
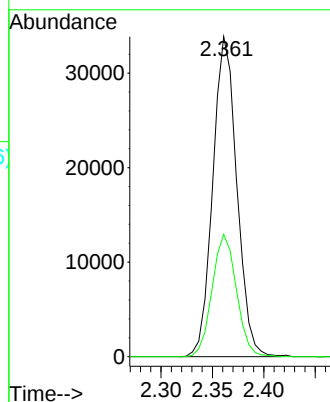
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MSVOA_W

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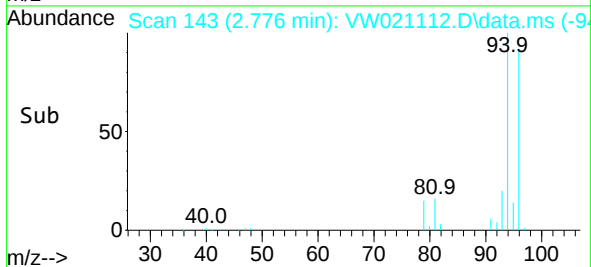
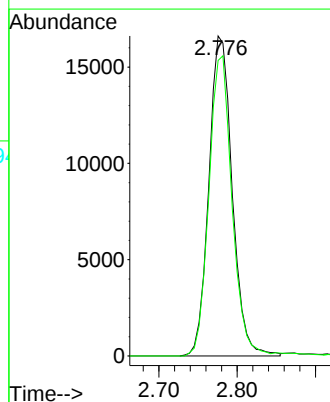
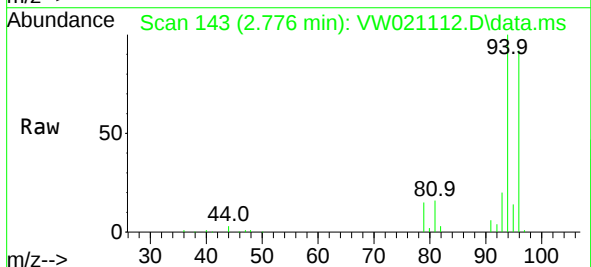


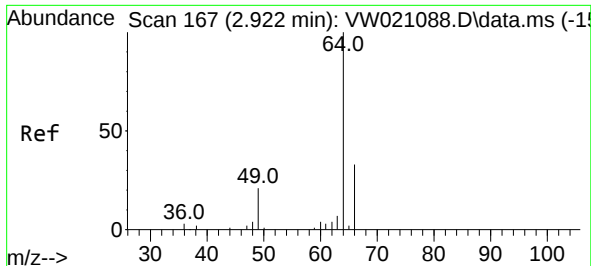
Tgt Ion: 62 Resp: 54951
 Ion Ratio Lower Upper
 62 100
 64 38.2 24.4 45.2



#6
 Bromomethane
 Concen: 24.222 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021112.D
 Acq: 04 Dec 2021 11:54

Tgt Ion: 94 Resp: 34393
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.8 120.4

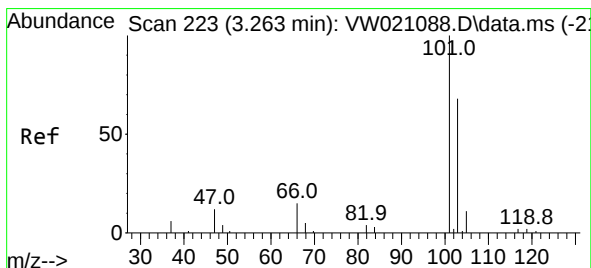
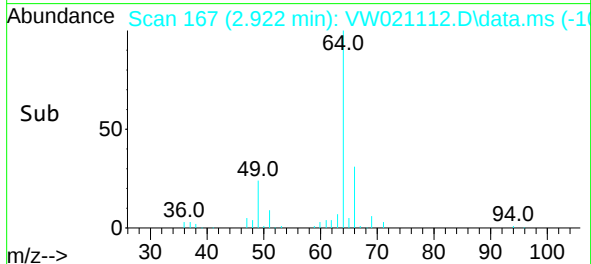
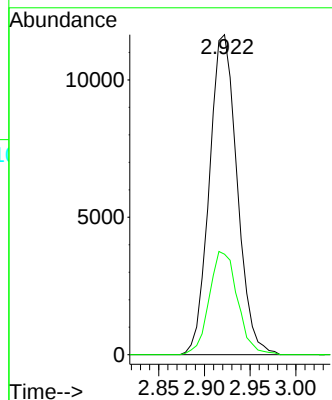
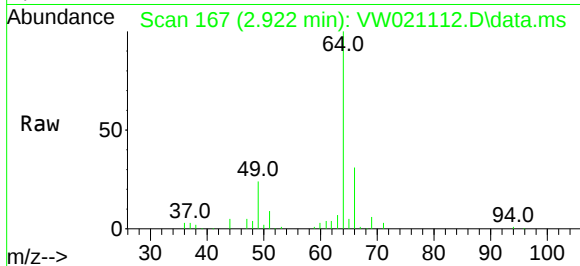




#8
Chloroethane
Concen: 27.681 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

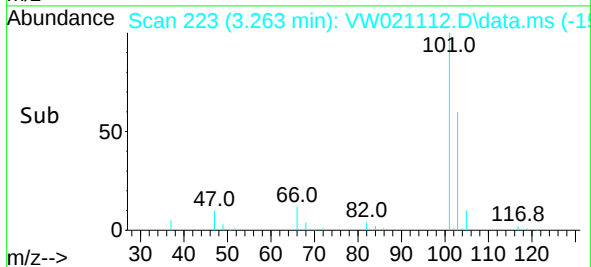
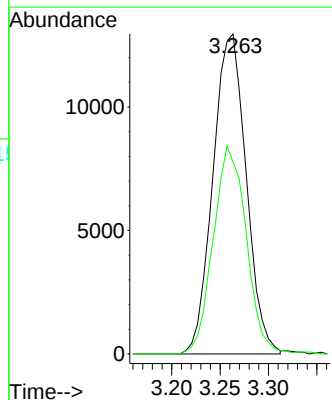
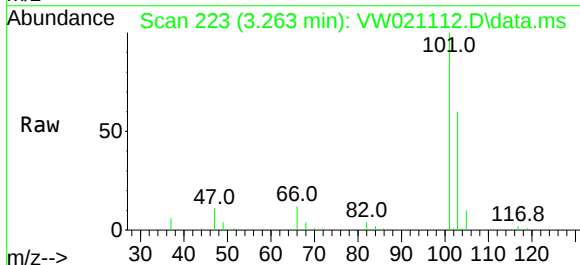
Instrument :
MSVOA_W
ClientSampleId :

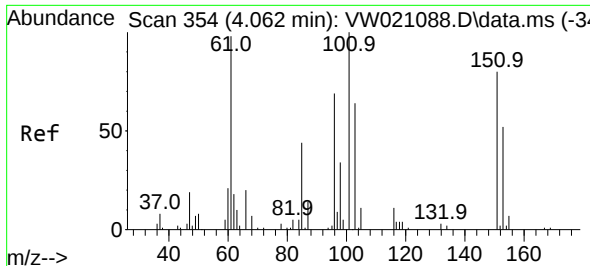
Tgt Ion: 64 Resp: 24635
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 30.031 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion:101 Resp: 30965
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

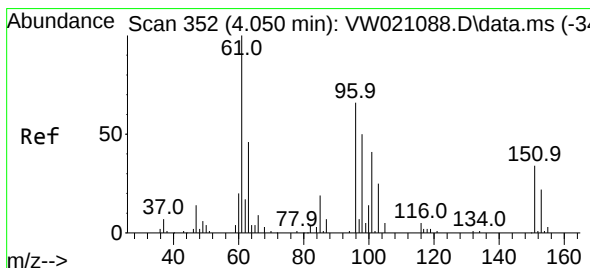
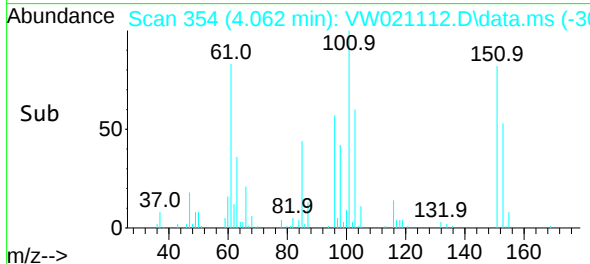
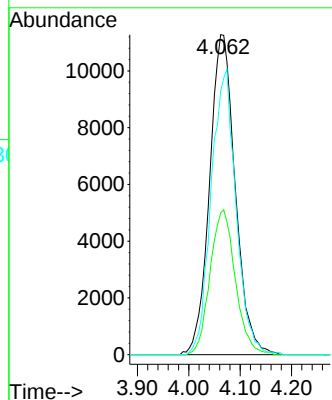
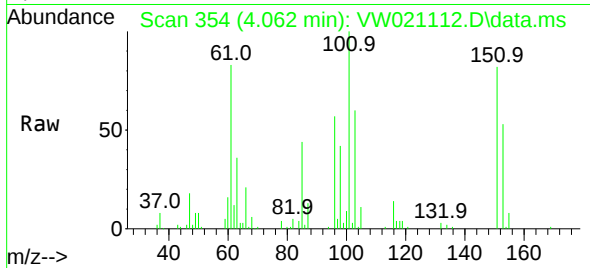




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.262 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW021112.D
 Acq: 04 Dec 2021 11:54

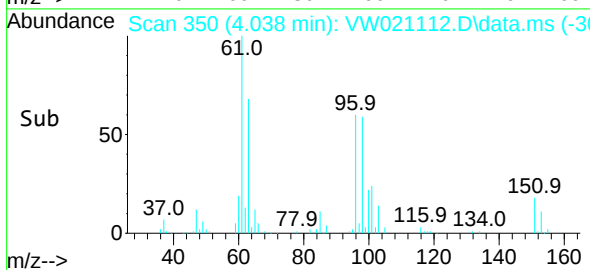
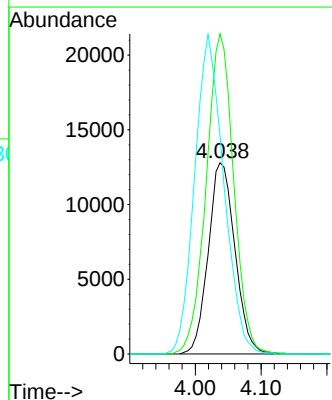
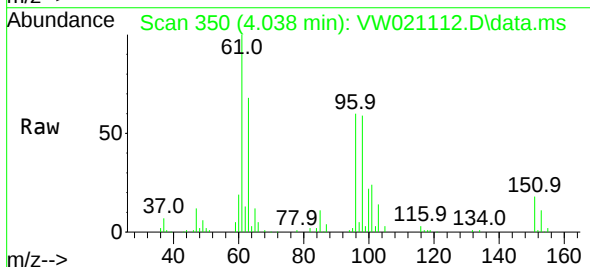
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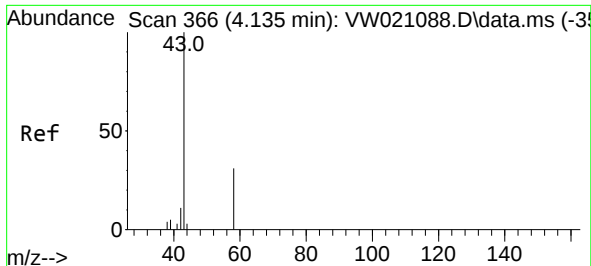
Tgt Ion:101 Resp: 39157
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.6 54.8
 151 85.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.769 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.012 min
 Lab File: VW021112.D
 Acq: 04 Dec 2021 11:54

Tgt Ion: 96 Resp: 36141
 Ion Ratio Lower Upper
 96 100
 61 167.4 138.3 256.9
 63 114.2 82.6 153.4

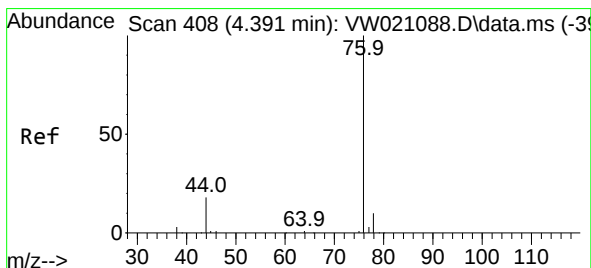
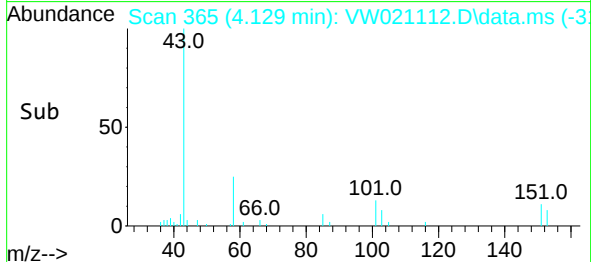
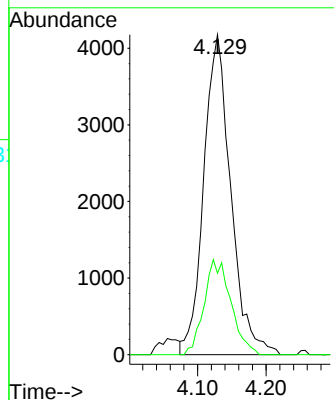
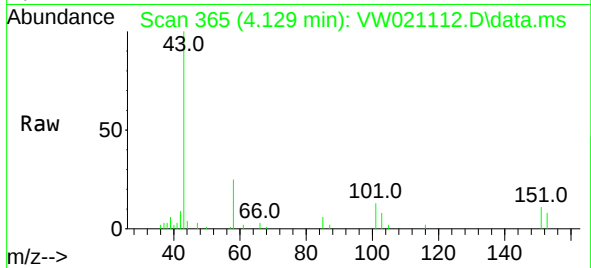




#13
Acetone
Concen: 35.183 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

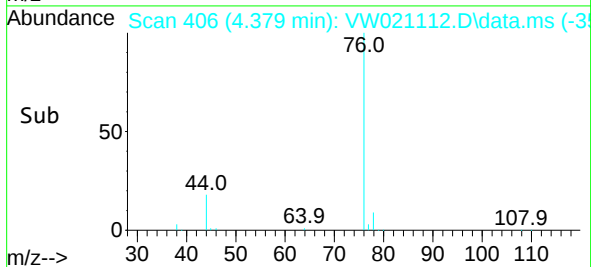
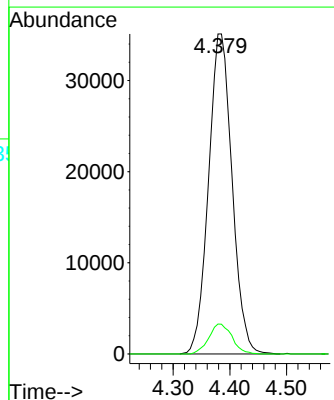
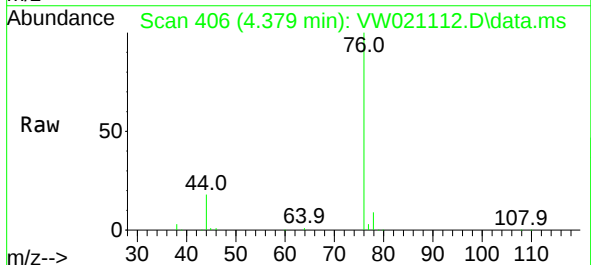
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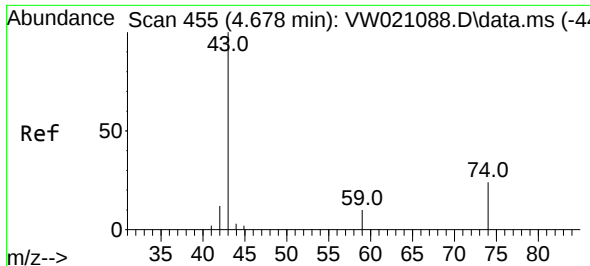
Tgt Ion: 43 Resp: 11449
Ion Ratio Lower Upper
43 100
58 29.5 0.0 52.8



#14
Carbon disulfide
Concen: 24.983 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.012 min
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Tgt Ion: 76 Resp: 101181
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

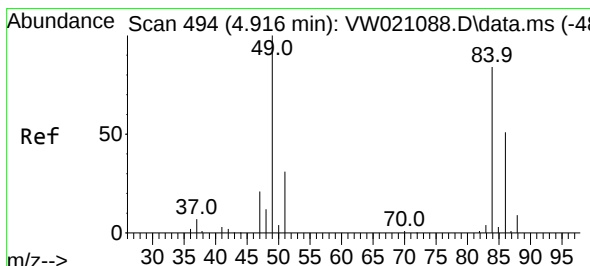
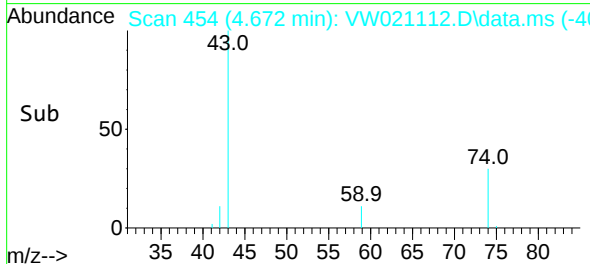
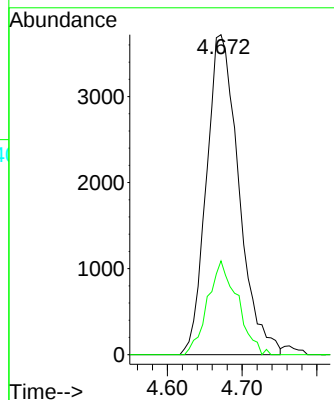
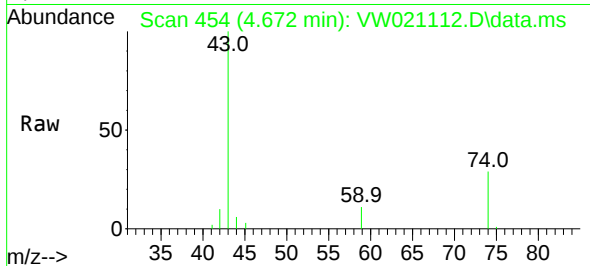




#15
Methyl Acetate
Concen: 19.007 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

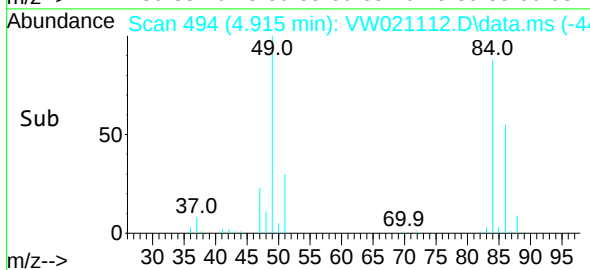
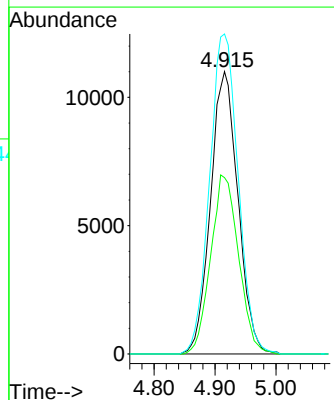
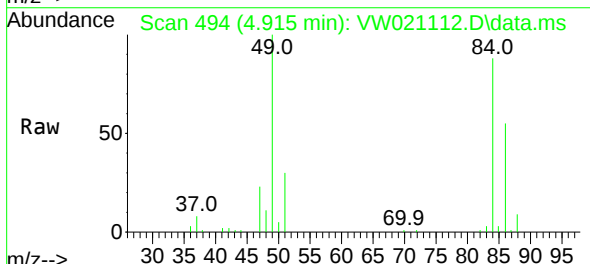
Instrument :
MSVOA_W
ClientSampleId :

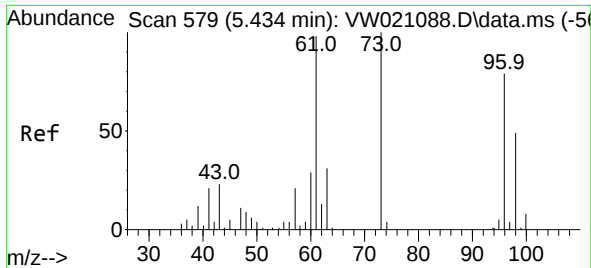
Tgt Ion: 43 Resp: 11215
Ion Ratio Lower Upper
43 100
74 26.9 16.4 24.6#



#16
Methylene chloride
Concen: 19.490 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion: 84 Resp: 34517
Ion Ratio Lower Upper
84 100
86 62.5 45.5 84.5
49 113.3 100.5 186.7

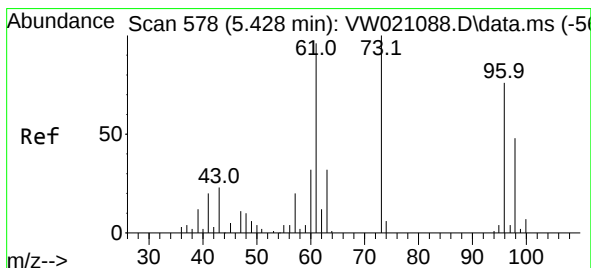
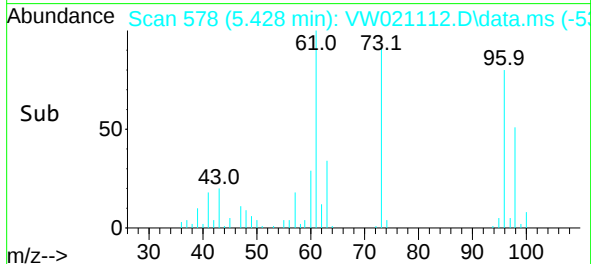
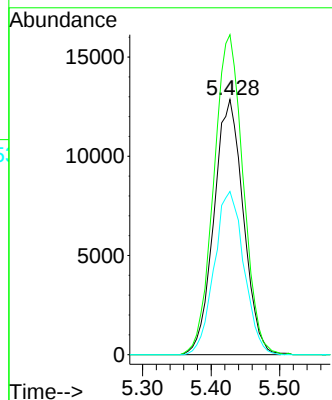
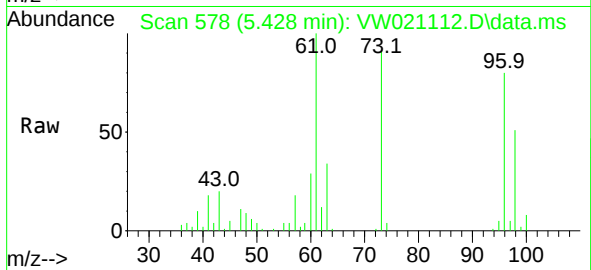




#17
trans-1,2-Dichloroethene
Concen: 24.668 ug/L
RT: 5.428 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

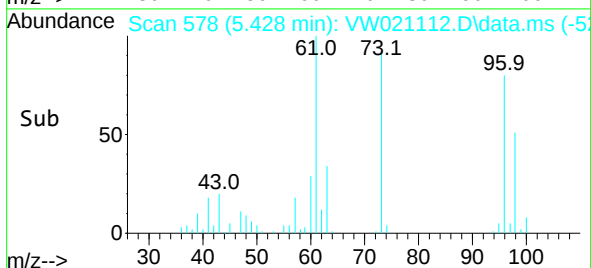
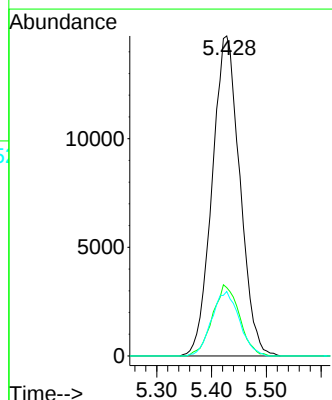
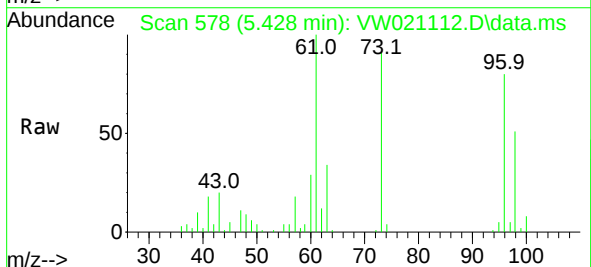
Instrument :
MSVOA_W
ClientSampleId :

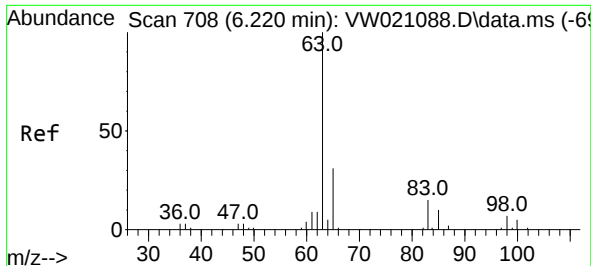
Tgt Ion: 96 Resp: 38323
Ion Ratio Lower Upper
96 100
61 125.4 107.4 199.4
98 64.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 22.045 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion: 73 Resp: 51691
Ion Ratio Lower Upper
73 100
43 21.6 19.5 29.3
57 20.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.372 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021112.D

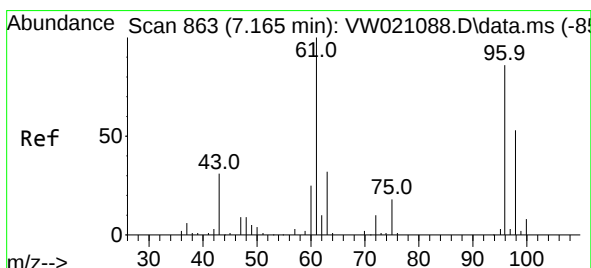
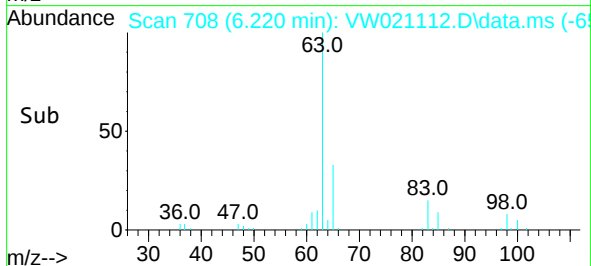
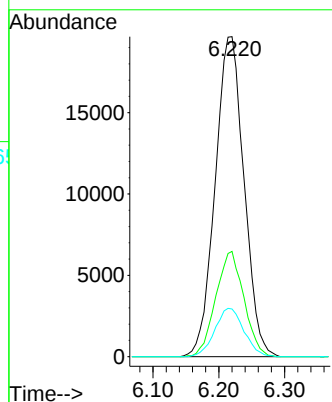
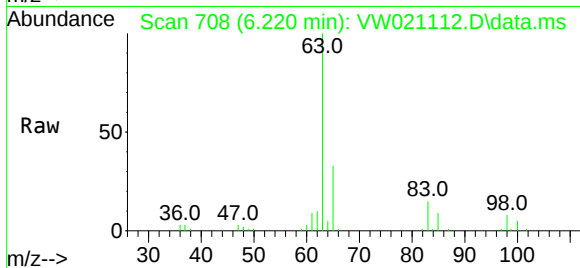
Acq: 04 Dec 2021 11:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 60040
Ion Ratio	Lower Upper
63	100
65	32.9 22.1 41.1
83	14.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.017 ug/L

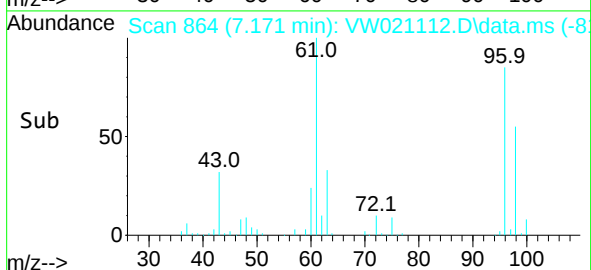
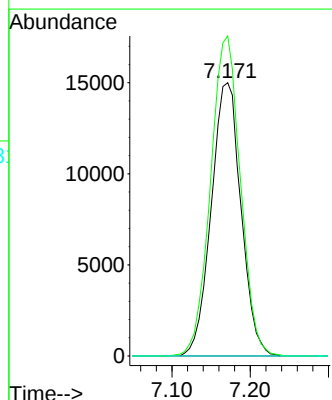
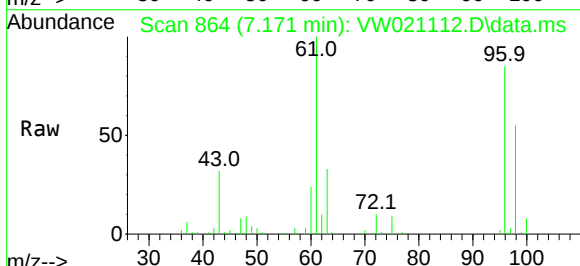
RT: 7.171 min Scan# 864

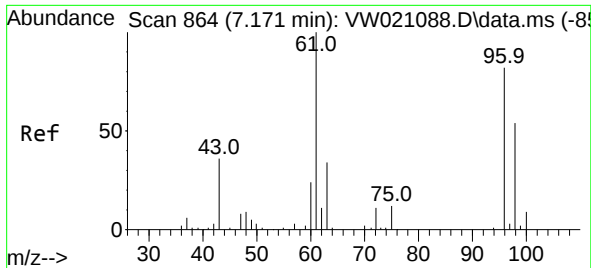
Delta R.T. 0.006 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

Tgt Ion: 96	Resp: 39585
Ion Ratio	Lower Upper
96	100
61	117.1 103.7 192.7
68	0.0 0.0 0.0

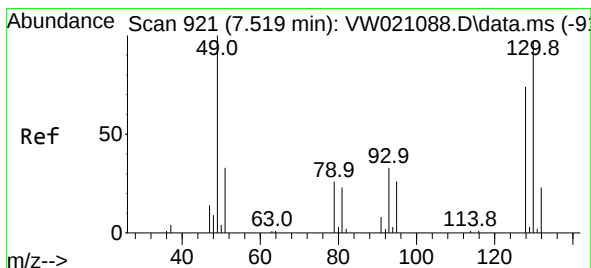
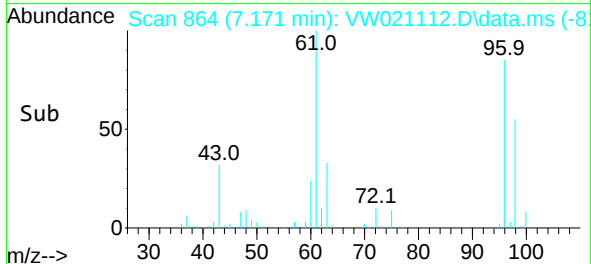
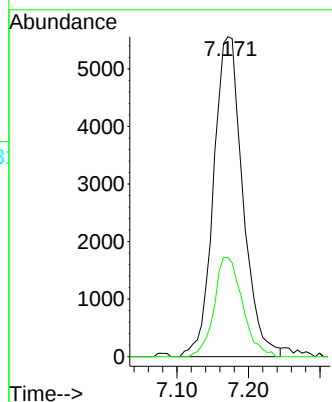
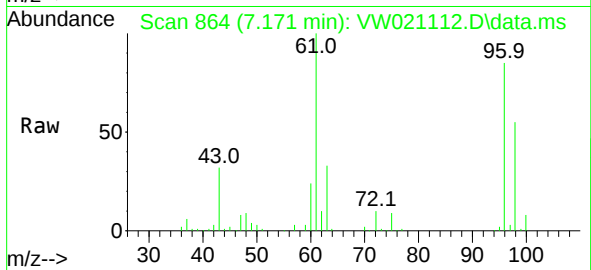




#22
2-Butanone
Concen: 35.105 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

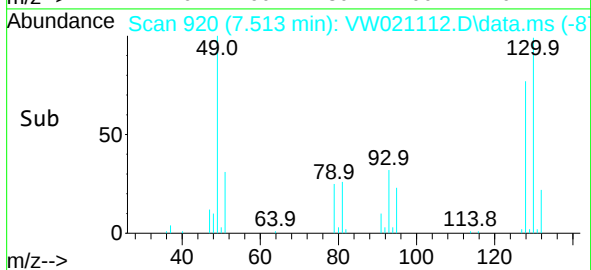
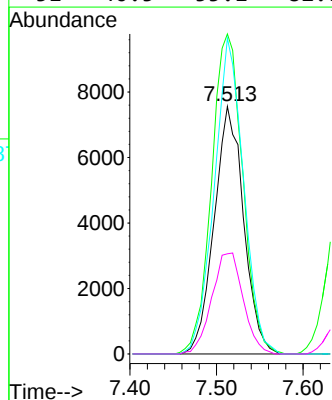
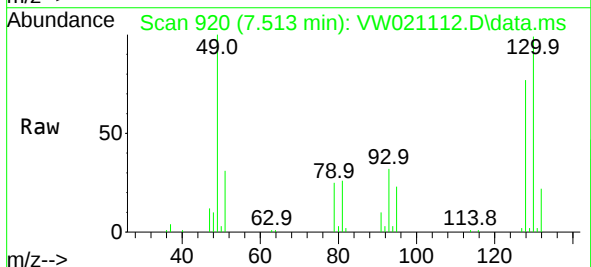
Instrument :
MSVOA_W
ClientSampleId :

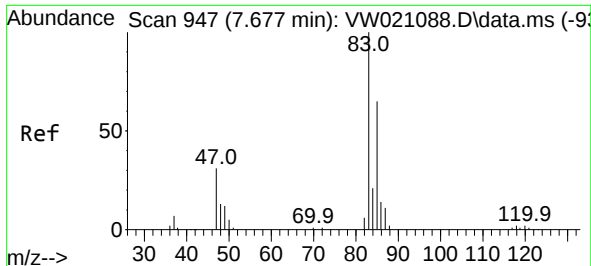
Tgt Ion: 43 Resp: 15809
Ion Ratio Lower Upper
43 100
72 29.9 11.8 35.4



#23
Bromochloromethane
Concen: 23.165 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion: 128 Resp: 17864
Ion Ratio Lower Upper
128 100
49 129.3 150.3 279.1#
130 127.5 88.3 163.9
51 40.5 55.1 82.7#

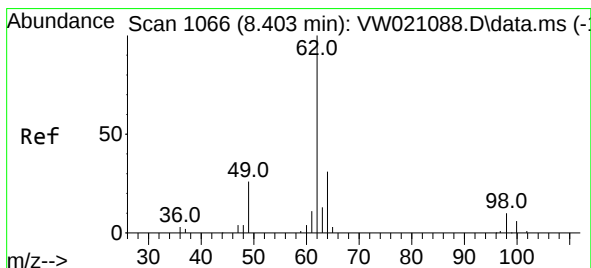
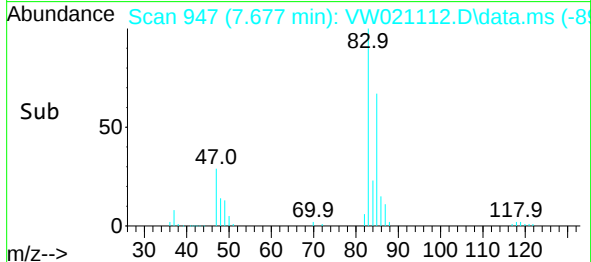
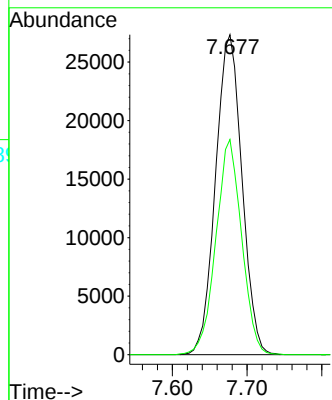
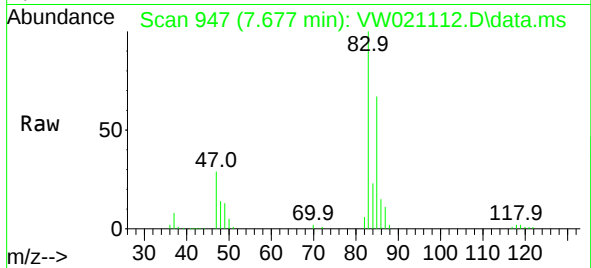




#25
Chloroform
Concen: 24.323 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

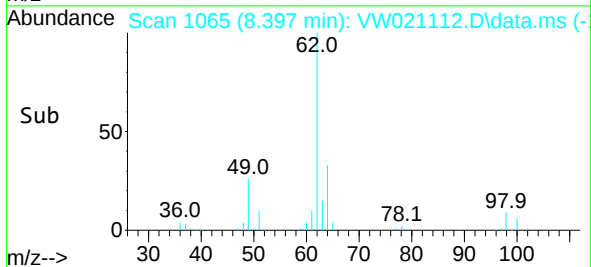
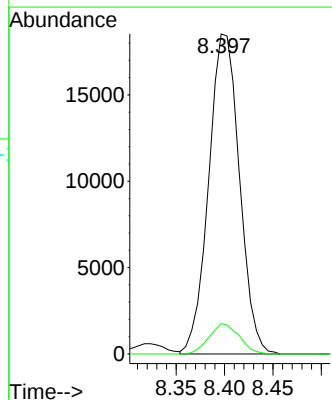
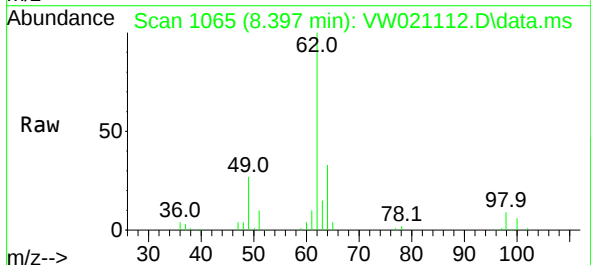
Instrument :
MSVOA_W
ClientSampleId :

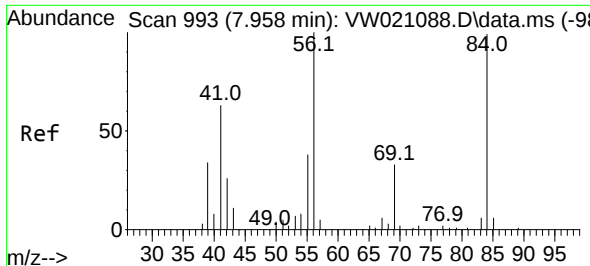
Tgt Ion: 83 Resp: 67259
Ion Ratio Lower Upper
83 100
85 67.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.668 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

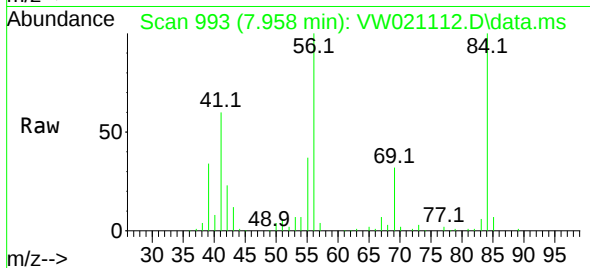
Tgt Ion: 62 Resp: 41005
Ion Ratio Lower Upper
62 100
98 9.5 6.5 9.7



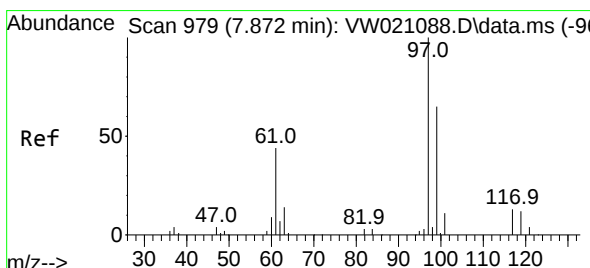
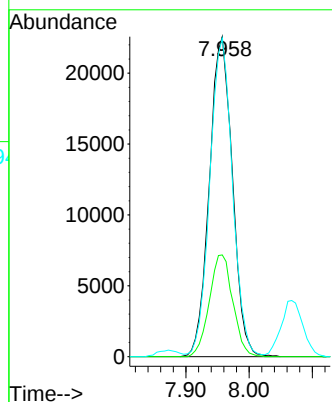
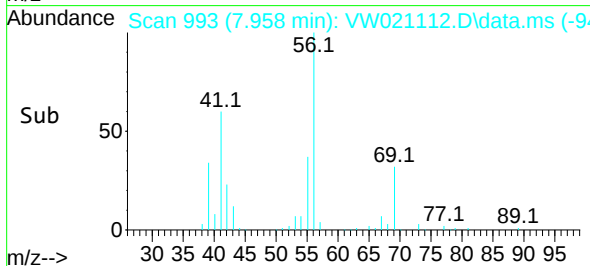


#29
Cyclohexane
Concen: 25.406 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Instrument :
MSVOA_W
ClientSampleId :

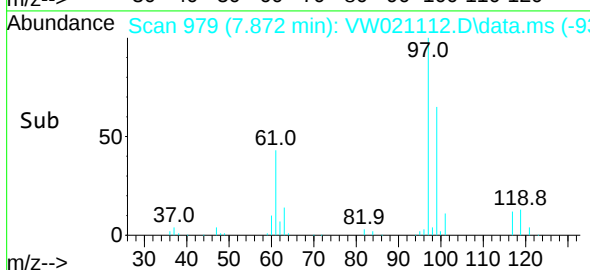
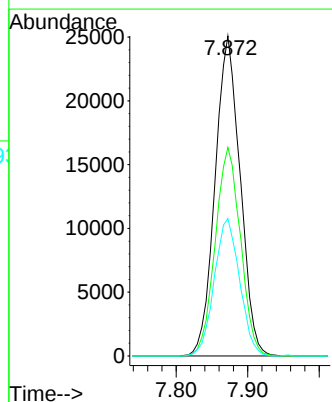
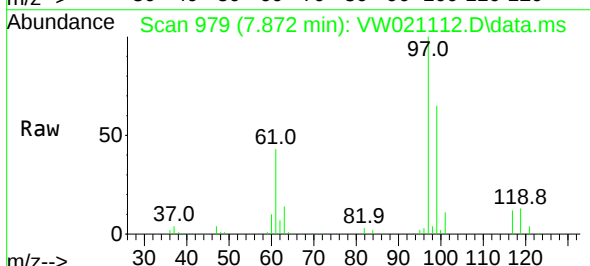


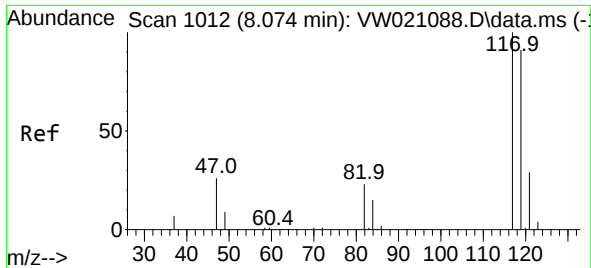
Tgt Ion: 56 Resp: 57120
Ion Ratio Lower Upper
56 100
69 32.4 23.5 35.3
84 98.0 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 25.715 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion: 97 Resp: 61105
Ion Ratio Lower Upper
97 100
99 65.5 51.6 77.4
61 43.4 40.9 61.3

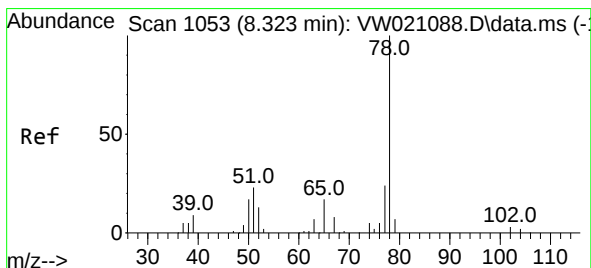
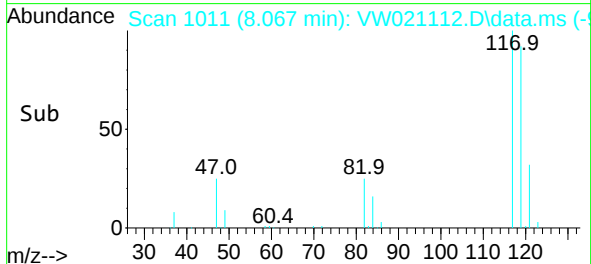
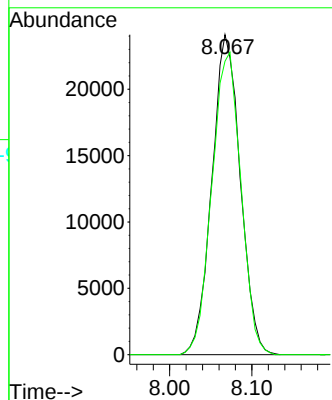
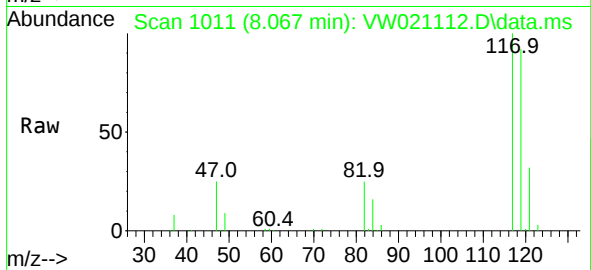




#31
Carbon tetrachloride
Concen: 26.180 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

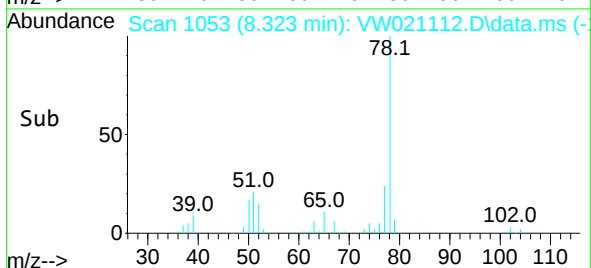
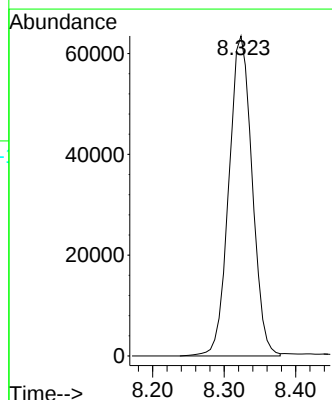
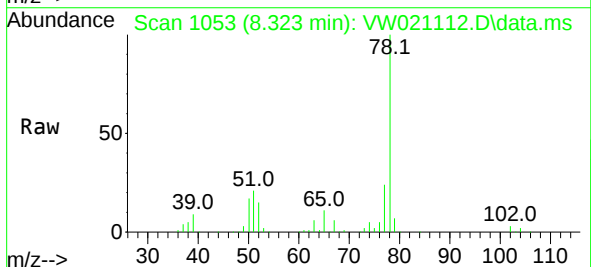
Instrument :
MSVOA_W
ClientSampleId :

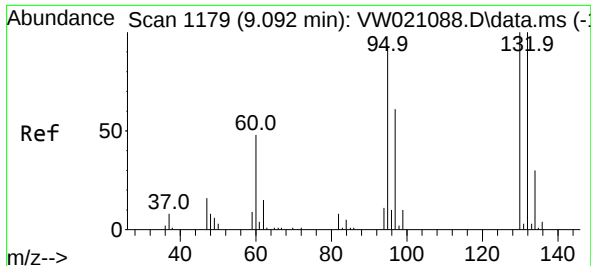
Tgt Ion:117 Resp: 57807
Ion Ratio Lower Upper
117 100
119 96.7 75.7 113.5



#33
Benzene
Concen: 24.732 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

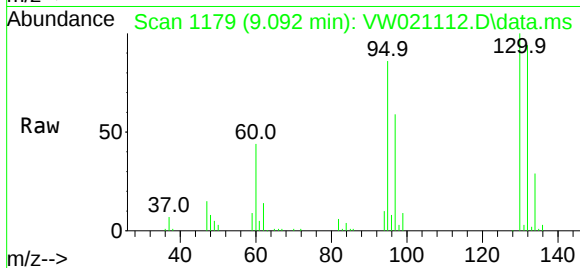
Tgt Ion: 78 Resp: 143335





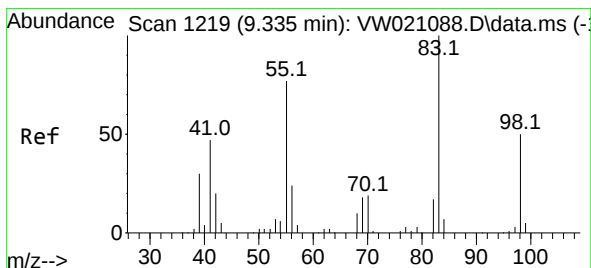
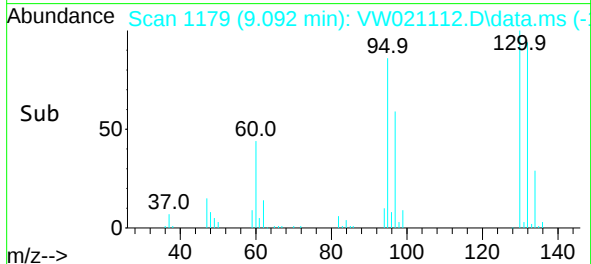
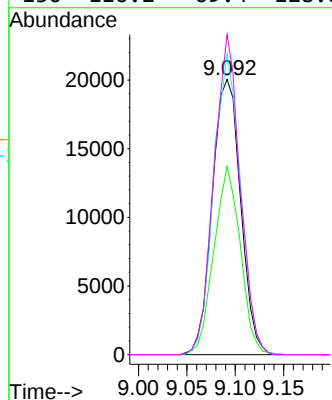
#34
Trichloroethene
Concen: 25.535 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 40828

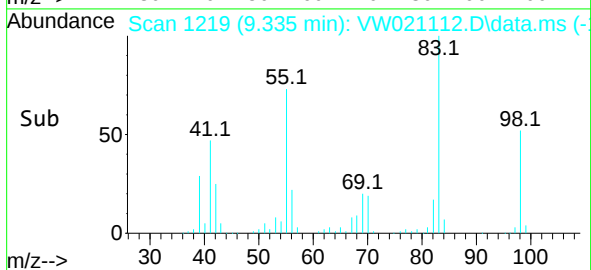
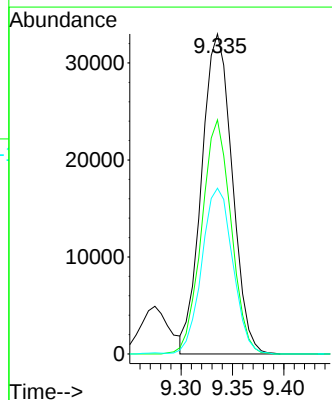
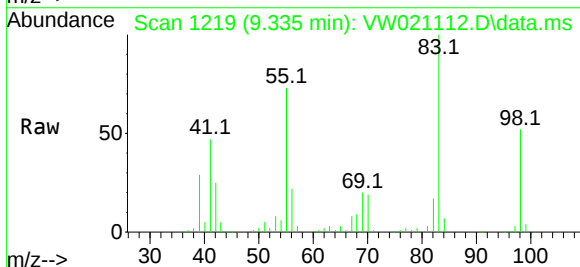
Ion	Ratio	Lower	Upper
95	100		
97	68.4	47.0	87.2
132	109.3	65.5	121.6
130	116.2	69.4	128.8

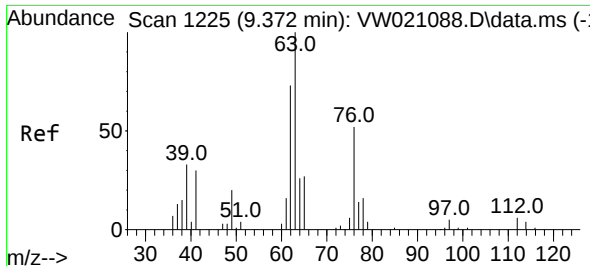


#35
Methylcyclohexane
Concen: 25.340 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion: 83 Resp: 68198

Ion	Ratio	Lower	Upper
83	100		
55	70.4	70.8	106.2#
98	52.3	37.7	56.5

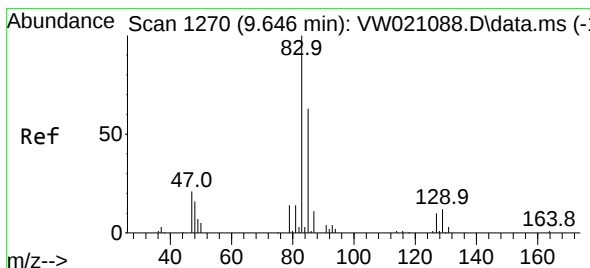
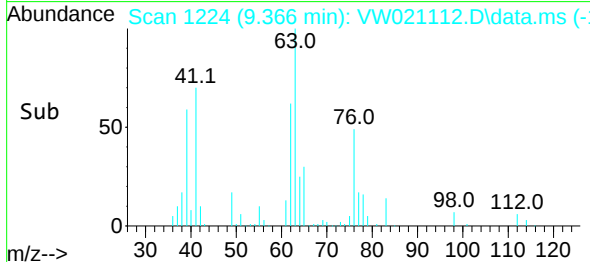
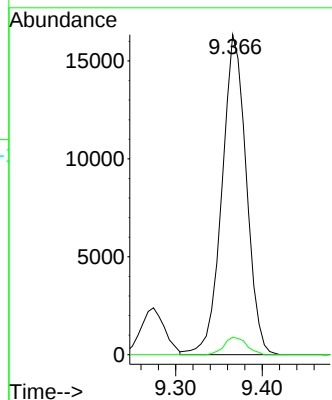
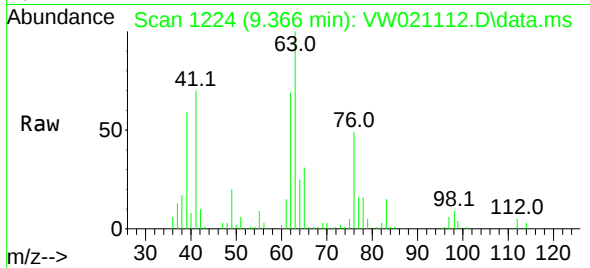




#37
1,2-Dichloropropane
Concen: 24.352 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

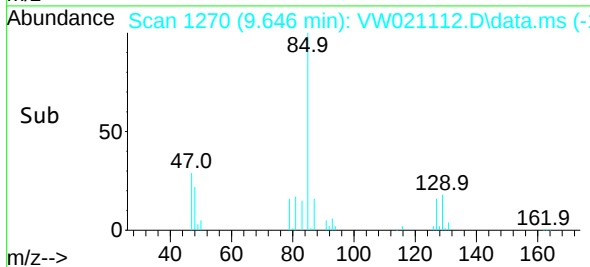
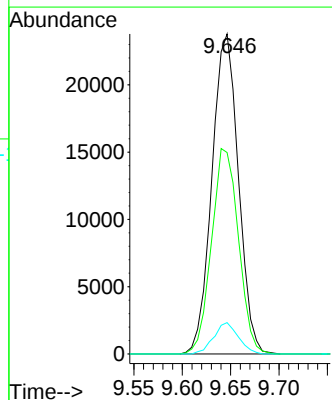
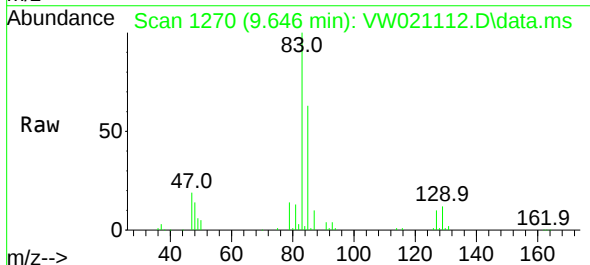
Instrument :
MSVOA_W
ClientSampleId :

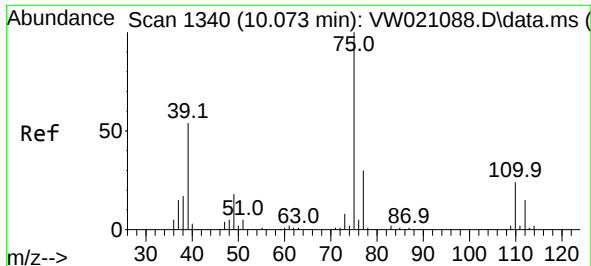
Tgt Ion: 63 Resp: 31898
Ion Ratio Lower Upper
63 100
112 5.0 3.2 4.8#



#38
Bromodichloromethane
Concen: 24.573 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion: 83 Resp: 45248
Ion Ratio Lower Upper
83 100
85 63.0 44.1 81.9
127 9.8 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.872 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

Instrument :

MSVOA_W

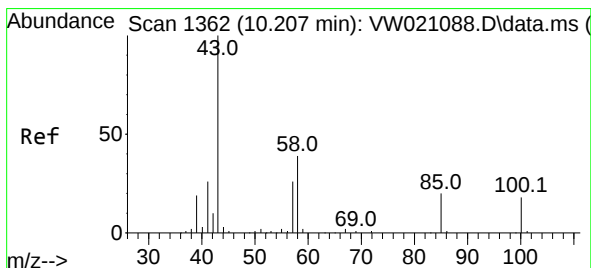
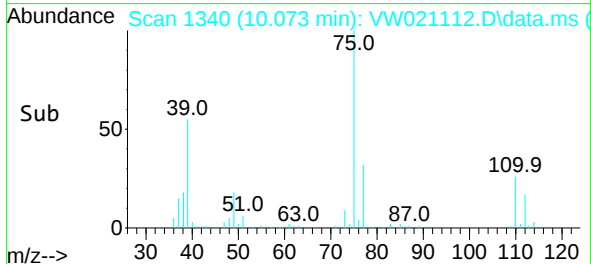
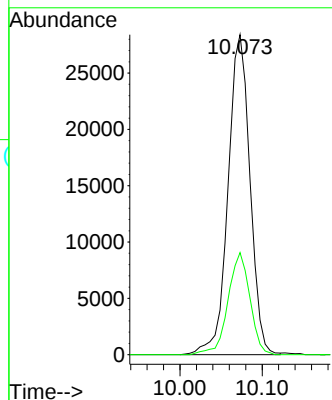
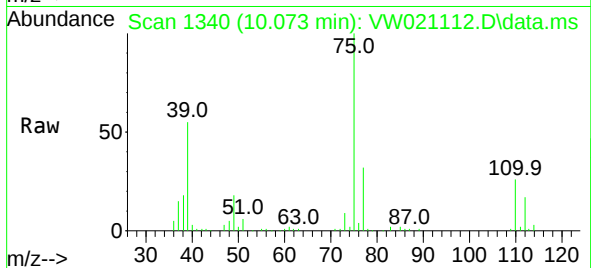
ClientSampleId :

Tgt Ion: 75 Resp: 52698

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 39.230 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

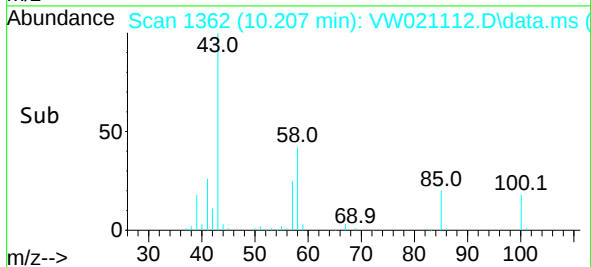
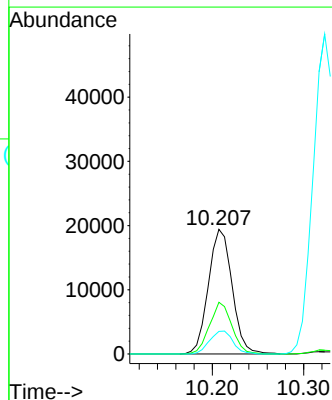
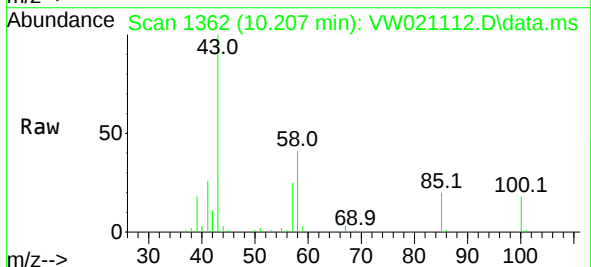
Tgt Ion: 43 Resp: 35007

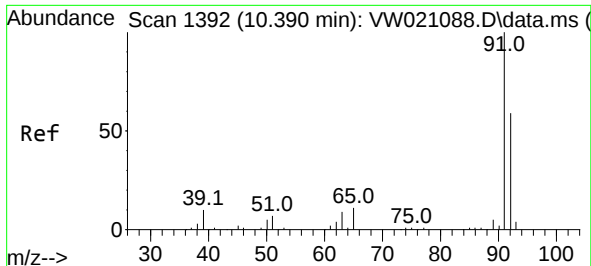
Ion Ratio Lower Upper

43 100

58 39.0 28.8 43.2

100 18.1 10.0 15.0#

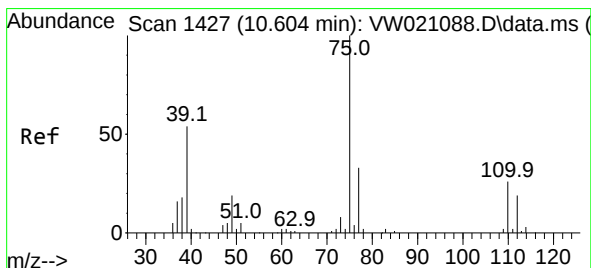
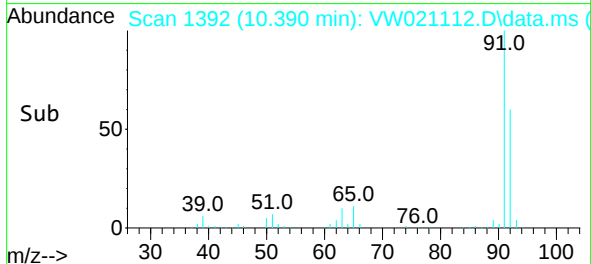
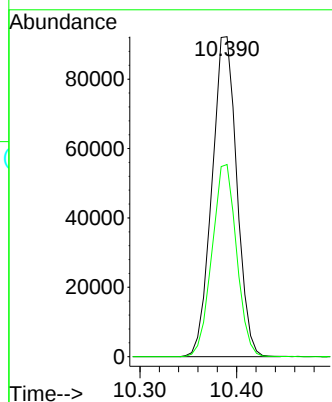
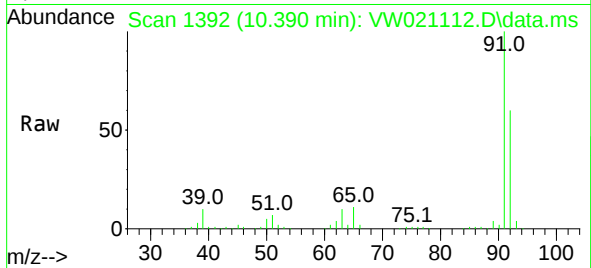




#42
Toluene
Concen: 24.828 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

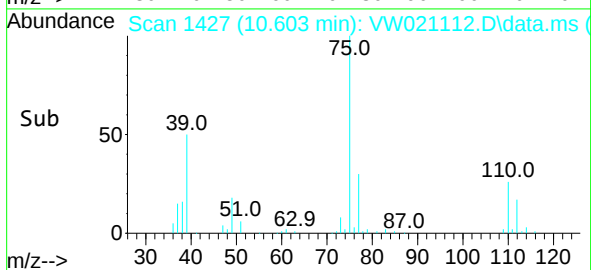
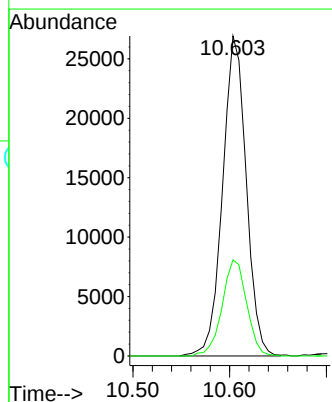
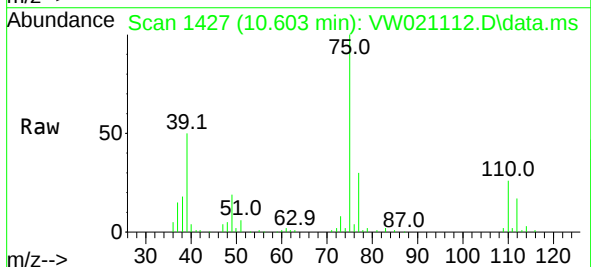
Instrument :
MSVOA_W
ClientSampleId :

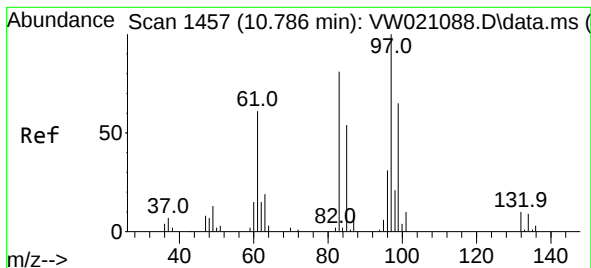
Tgt Ion: 91 Resp: 164351
Ion Ratio Lower Upper
91 100
92 60.0 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.778 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion: 75 Resp: 45581
Ion Ratio Lower Upper
75 100
77 30.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 22.737 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 24970

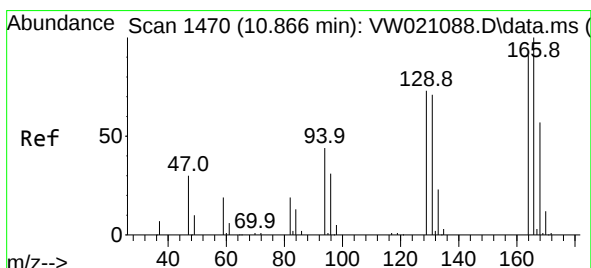
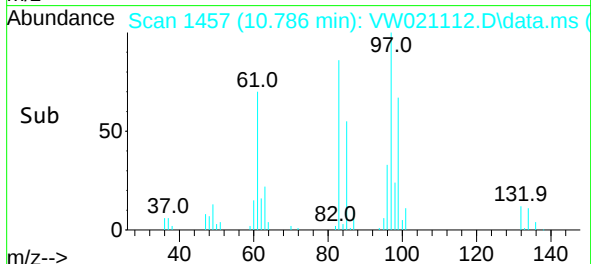
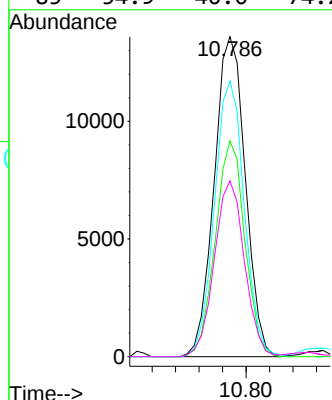
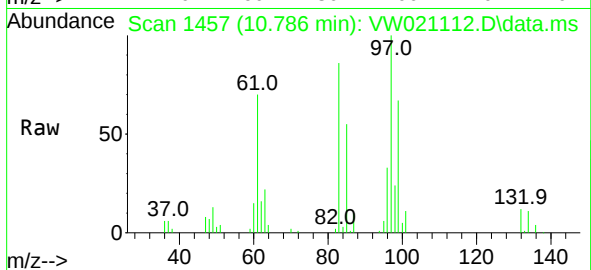
Ion Ratio Lower Upper

97 100

99 67.5 43.0 79.8

83 86.1 62.6 116.3

85 54.9 40.0 74.2



#46

Tetrachloroethene

Concen: 26.910 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

Tgt Ion:164 Resp: 39399

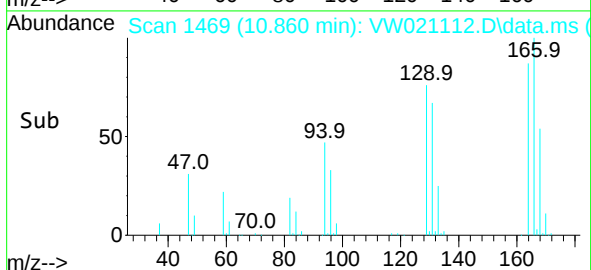
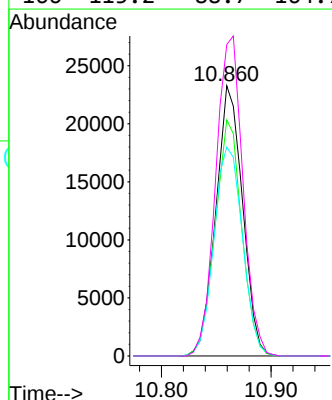
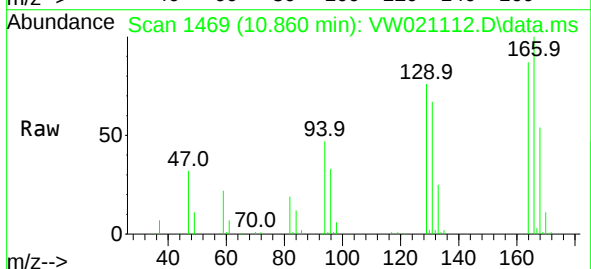
Ion Ratio Lower Upper

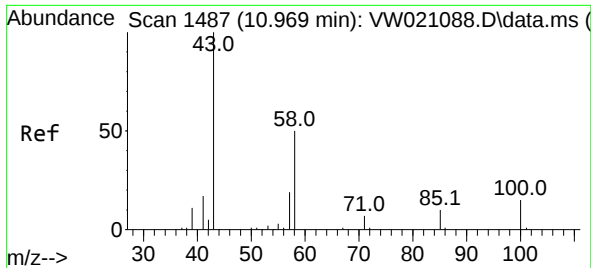
164 100

129 87.3 65.5 121.7

131 77.3 59.7 110.9

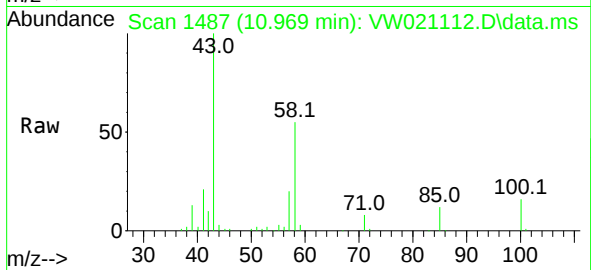
166 115.2 88.7 164.7



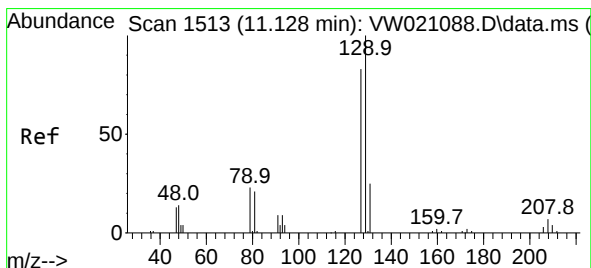
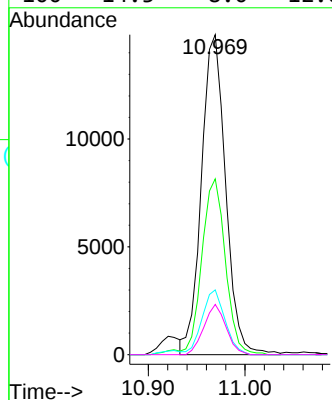
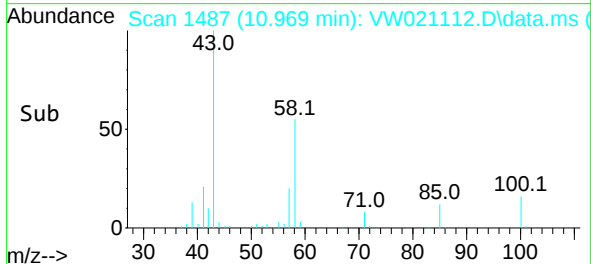


#48
2-Hexanone
Concen: 40.194 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Instrument :
MSVOA_W
ClientSampleId :

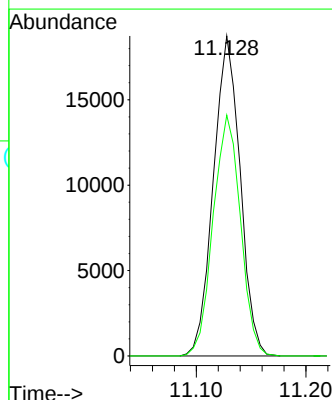
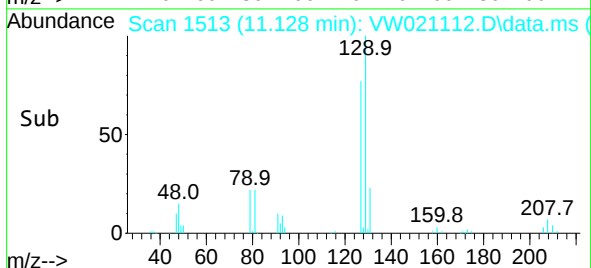
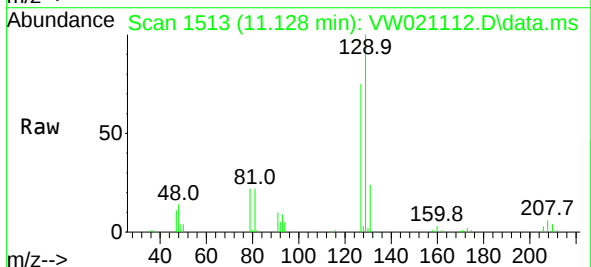


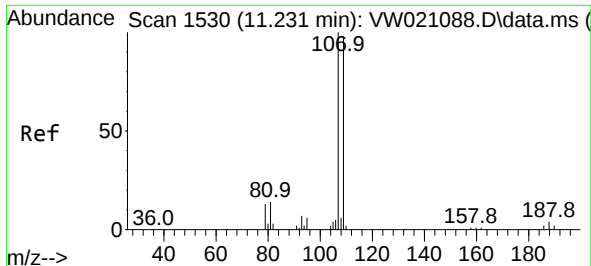
Tgt Ion: 43 Resp: 25874
Ion Ratio Lower Upper
43 100
58 53.1 40.2 60.2
57 19.3 14.3 21.5
100 14.3 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.133 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion: 129 Resp: 31751
Ion Ratio Lower Upper
129 100
127 75.2 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.058 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021112.D

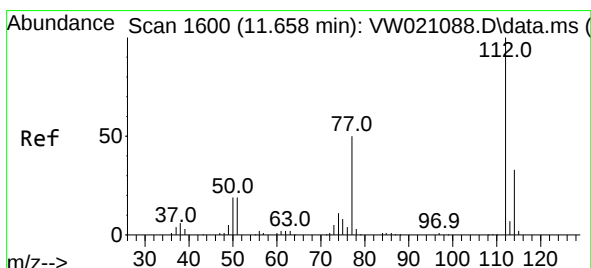
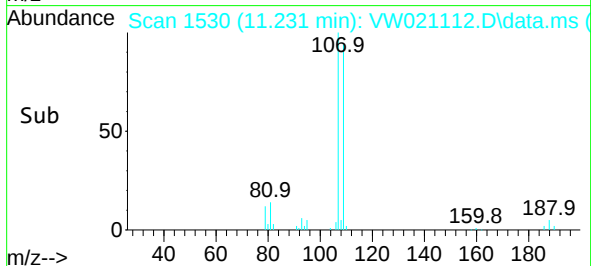
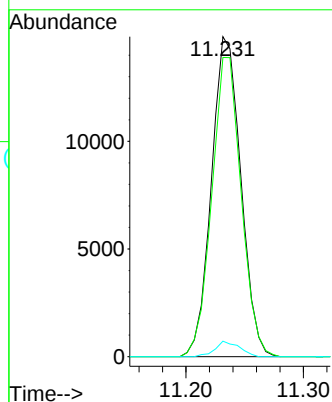
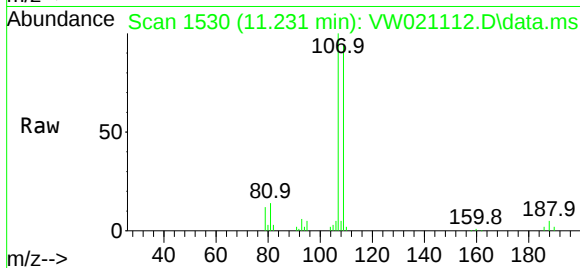
Acq: 04 Dec 2021 11:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	25823
Ion Ratio	Lower	Upper
107	100	
109	93.5	64.1 119.1
188	4.9	2.6 3.8#



#51

Chlorobenzene

Concen: 24.509 ug/L

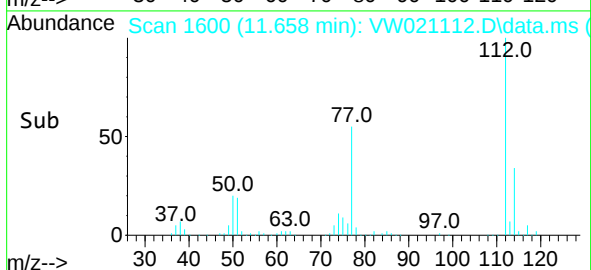
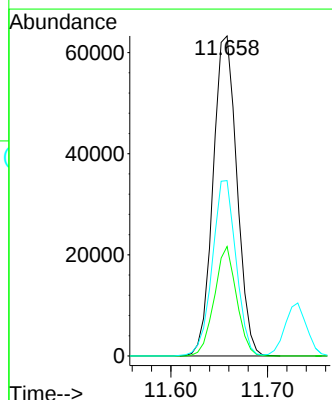
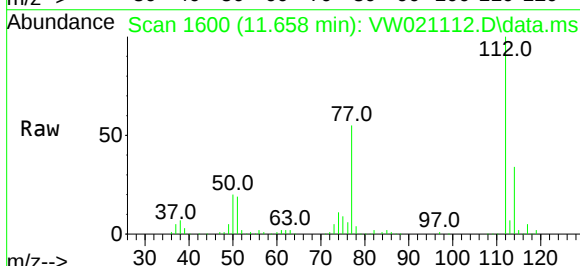
RT: 11.658 min Scan# 1600

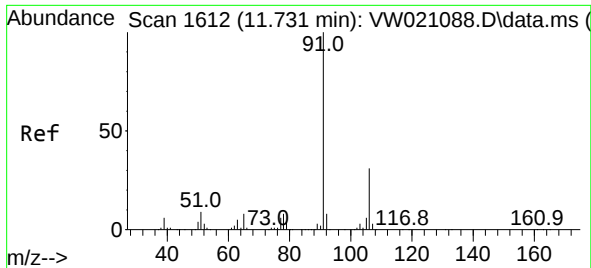
Delta R.T. -0.000 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

Tgt Ion:112	Resp:	108408
Ion Ratio	Lower	Upper
112	100	
114	34.2	22.4 41.6
77	54.8	50.2 75.4

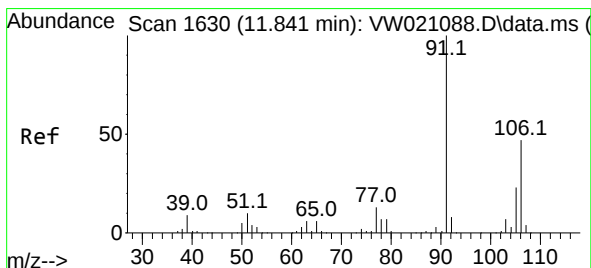
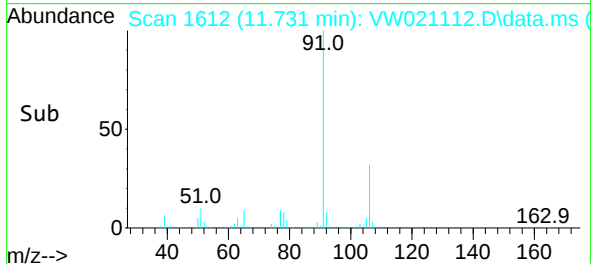
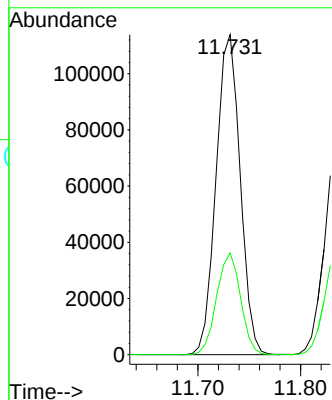
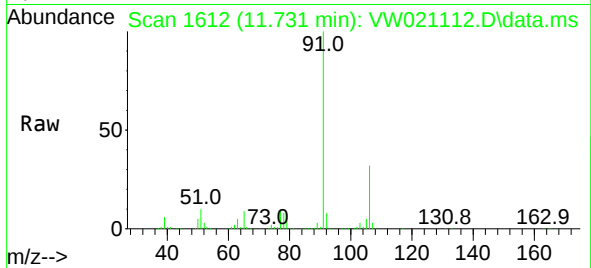




#52
Ethylbenzene
Concen: 24.867 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

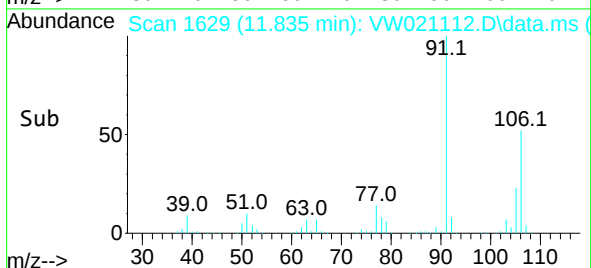
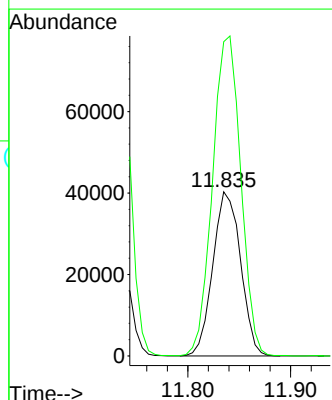
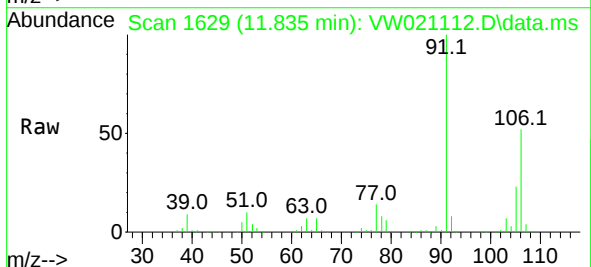
Instrument :
MSVOA_W
ClientSampleId :

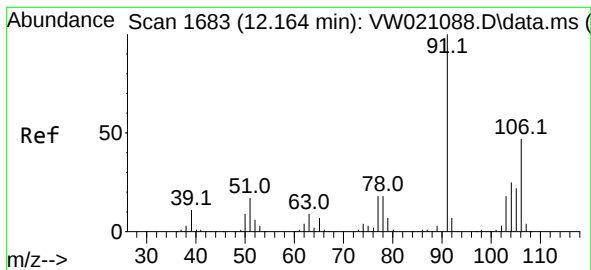
Tgt Ion: 91 Resp: 185309
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9



#53
m,p-Xylene
Concen: 24.512 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion:106 Resp: 75567
Ion Ratio Lower Upper
106 100
91 191.4 149.9 278.3

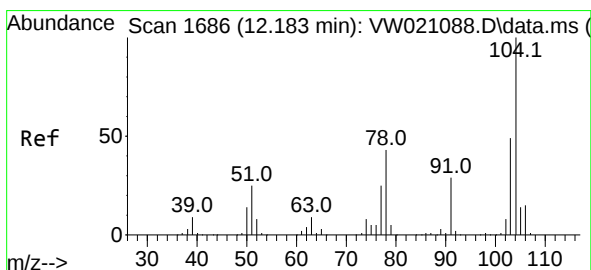
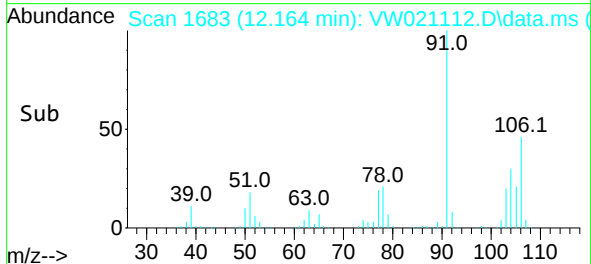
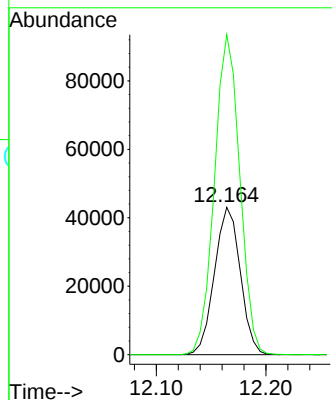
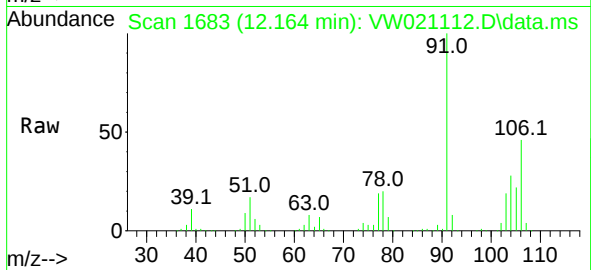




#54
o-Xylene
Concen: 24.236 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

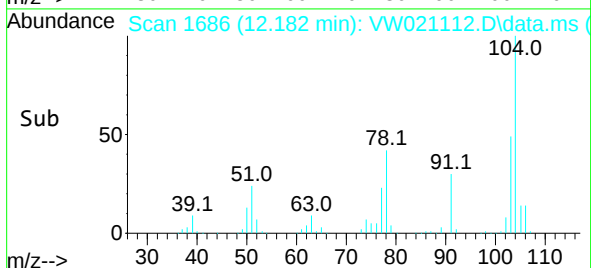
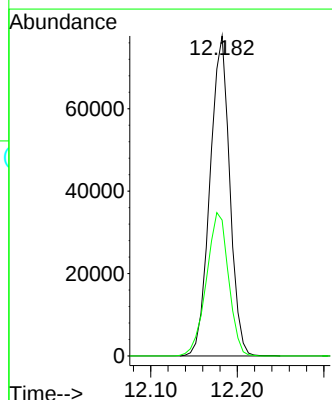
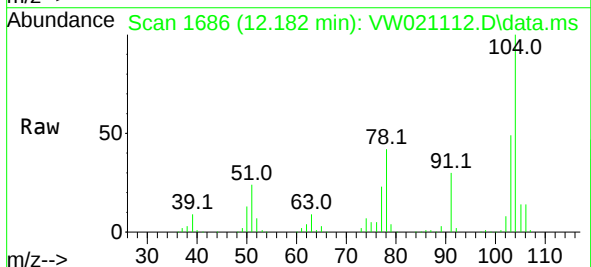
Instrument :
MSVOA_W
ClientSampleId :

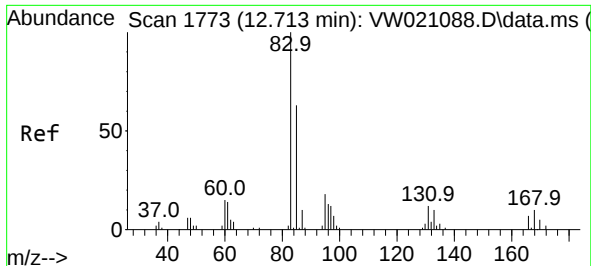
Tgt Ion:106 Resp: 70443
Ion Ratio Lower Upper
106 100
91 217.1 153.6 285.3



#55
Styrene
Concen: 24.811 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion:104 Resp: 122869
Ion Ratio Lower Upper
104 100
78 42.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 20.921 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021112.D

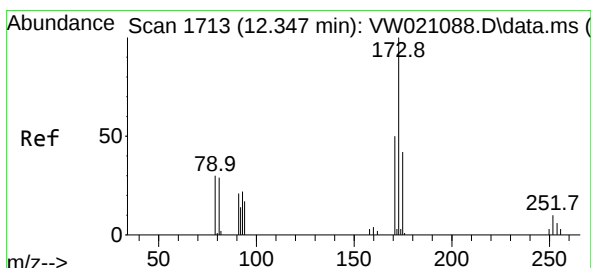
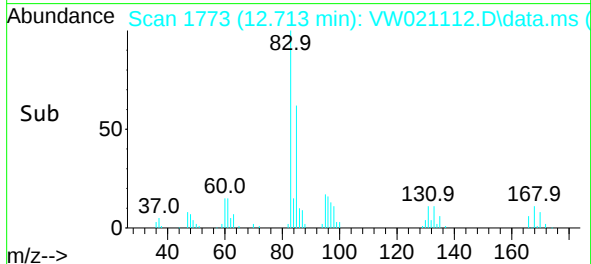
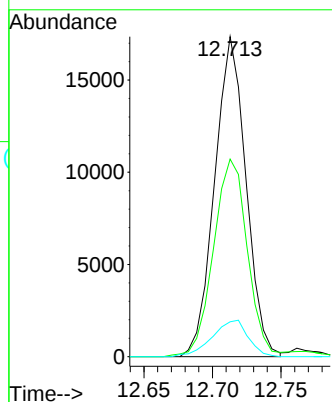
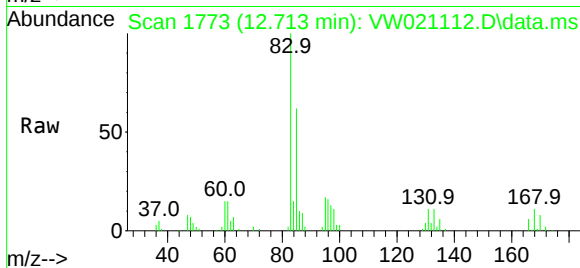
Acq: 04 Dec 2021 11:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	27635
Ion Ratio	Lower	Upper	
83	100		
85	61.7	44.0	81.6
131	10.9	6.9	10.3#



#59

Bromoform

Concen: 21.294 ug/L

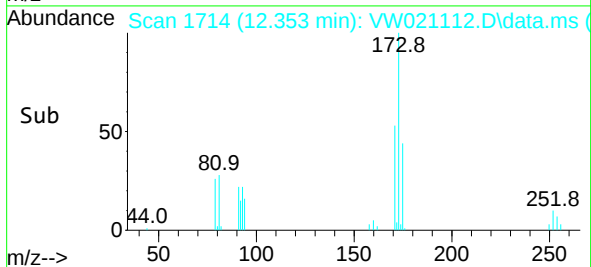
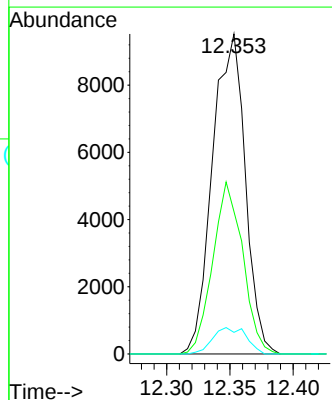
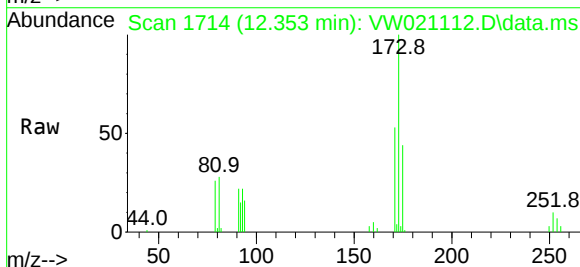
RT: 12.353 min Scan# 1714

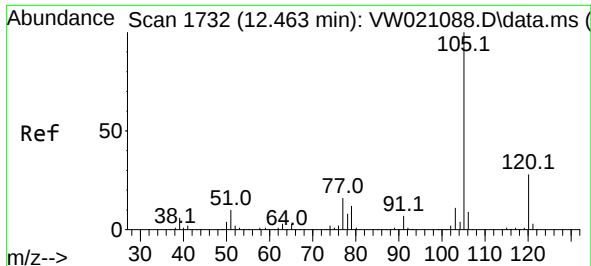
Delta R.T. 0.006 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

Tgt Ion:	173	Resp:	17111
Ion Ratio	Lower	Upper	
173	100		
175	49.3	39.6	59.4
254	5.7	7.4	11.0#

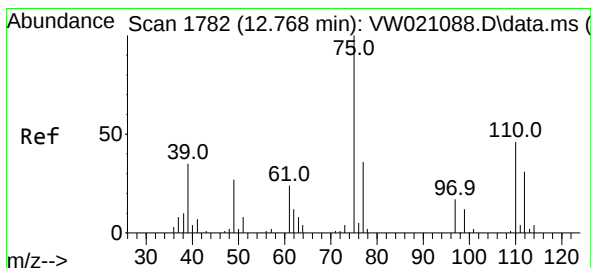
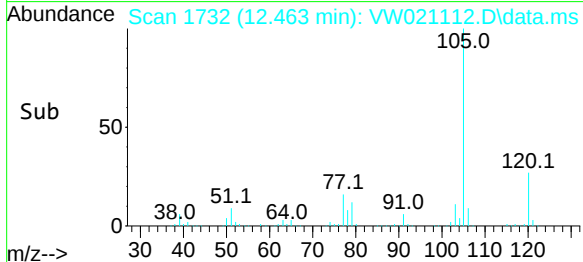
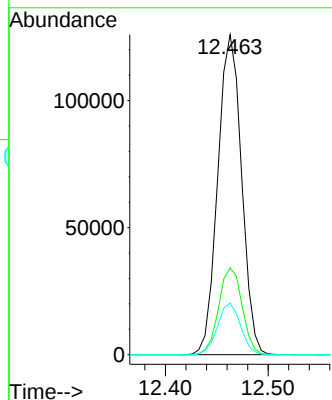
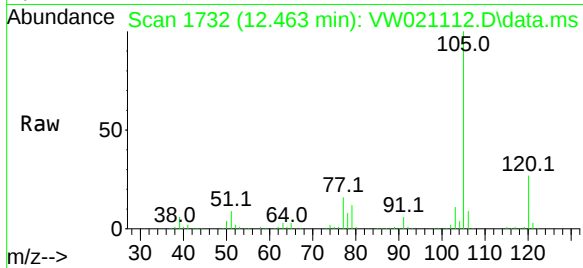




#60
Isopropylbenzene
Concen: 25.812 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

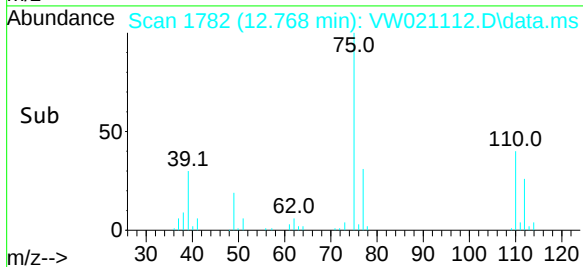
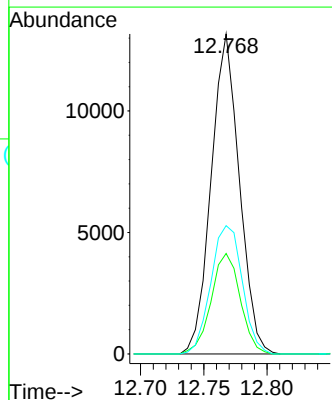
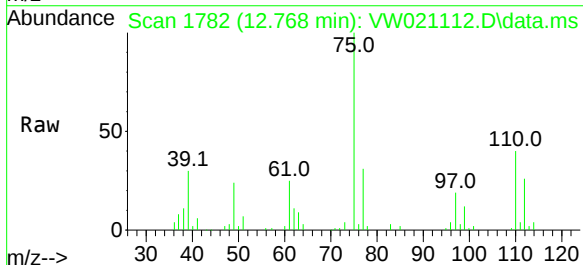
Instrument :
MSVOA_W
ClientSampleId :

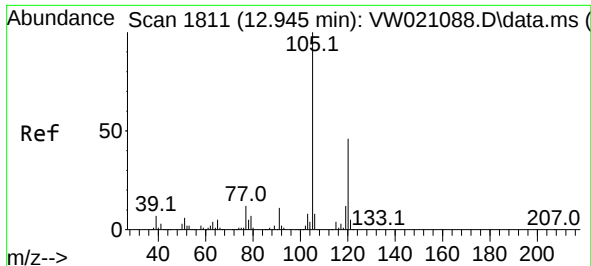
Tgt Ion:105 Resp: 202128
Ion Ratio Lower Upper
105 100
120 26.7 20.1 30.1
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 21.615 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion: 75 Resp: 20402
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 44.6 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 25.858 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

Instrument :

MSVOA_W

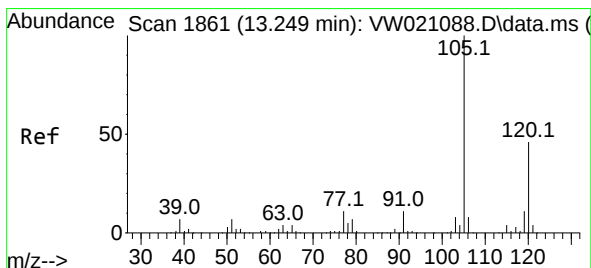
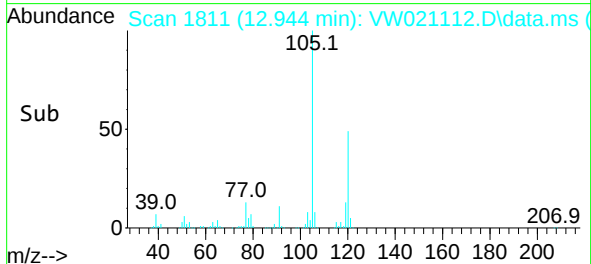
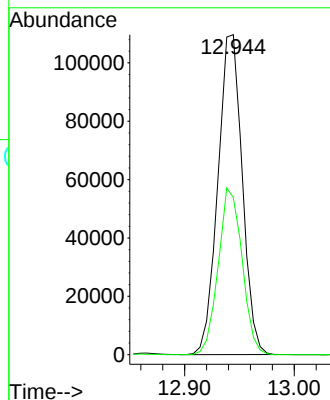
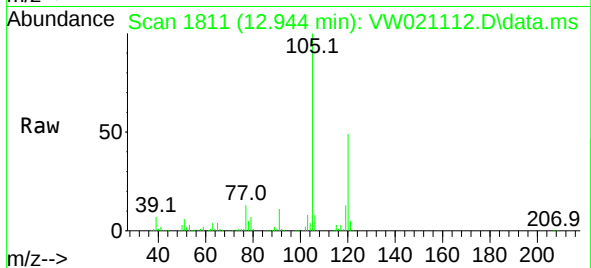
ClientSampleId :

Tgt Ion:105 Resp: 169575

Ion Ratio Lower Upper

105 100

120 50.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.073 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021112.D

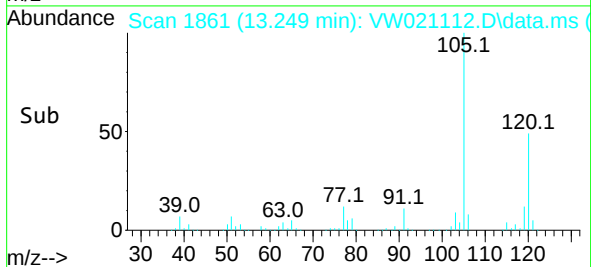
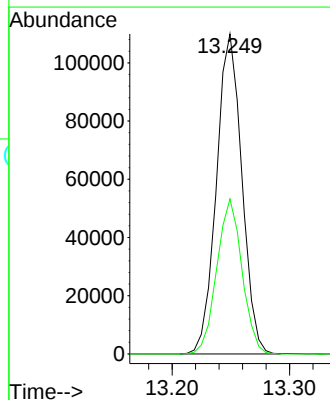
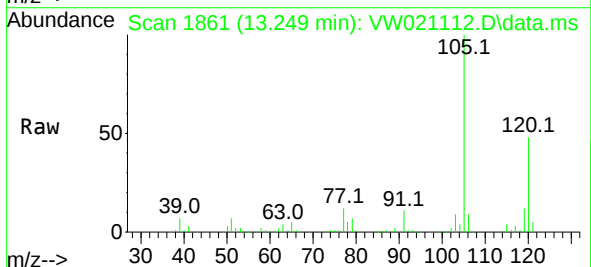
Acq: 04 Dec 2021 11:54

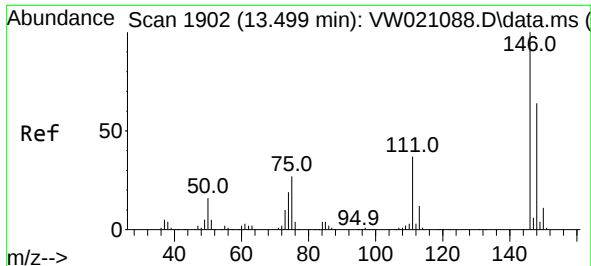
Tgt Ion:105 Resp: 165372

Ion Ratio Lower Upper

105 100

120 47.8 35.0 52.6

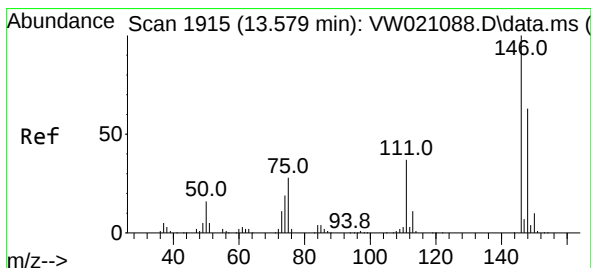
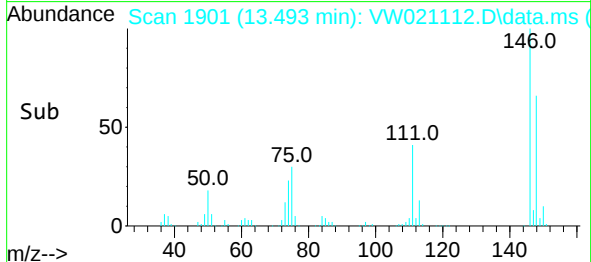
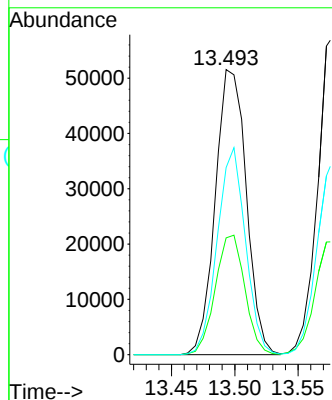
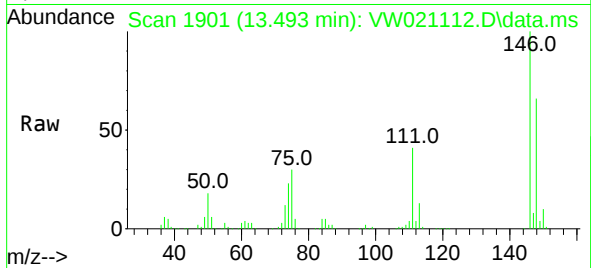




#64
1,3-Dichlorobenzene
Concen: 23.842 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

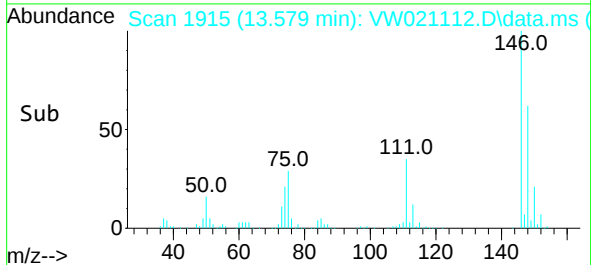
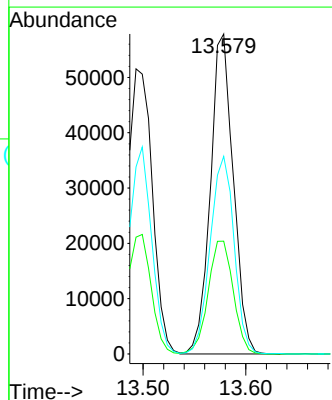
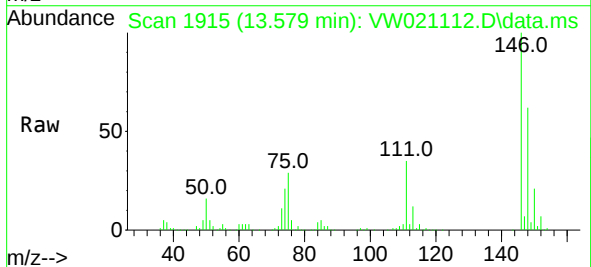
Instrument :
MSVOA_W
ClientSampleId :

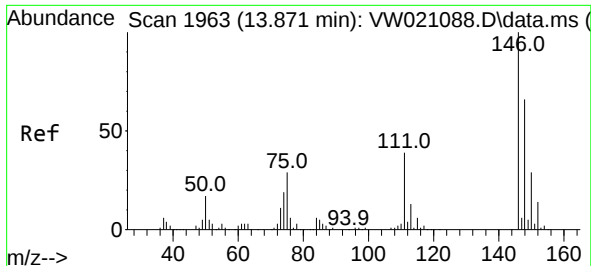
Tgt Ion:146 Resp: 87913
Ion Ratio Lower Upper
146 100
111 41.0 29.8 55.3
148 65.6 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.075 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion:146 Resp: 89716
Ion Ratio Lower Upper
146 100
111 35.3 29.0 53.9
148 61.8 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.030 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

Instrument :

MSVOA_W

ClientSampleId :

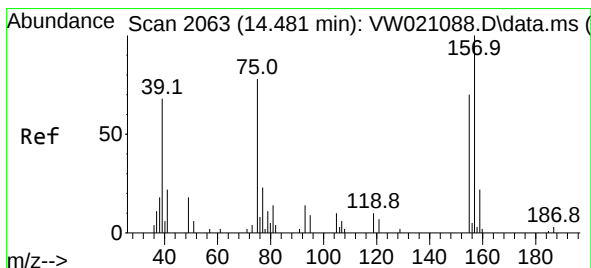
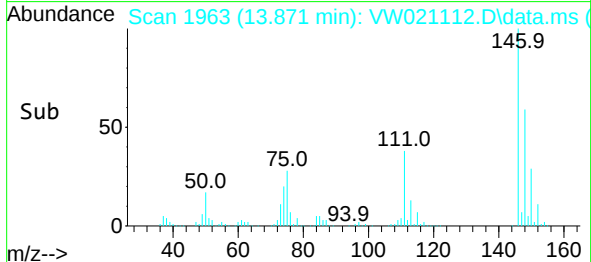
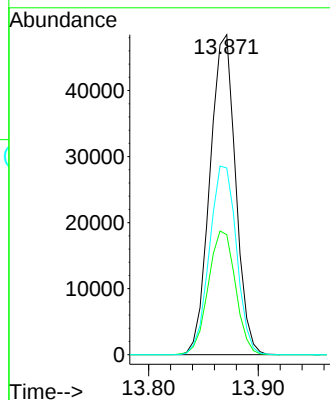
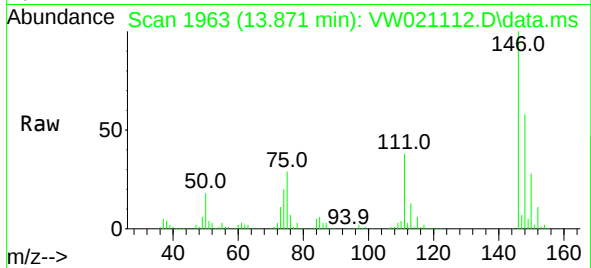
Tgt Ion:146 Resp: 78890

Ion Ratio Lower Upper

146 100

111 37.5 33.1 49.7

148 58.3 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.015 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

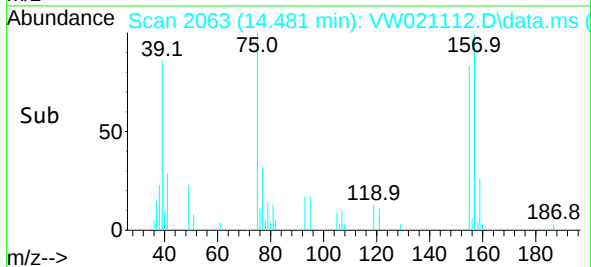
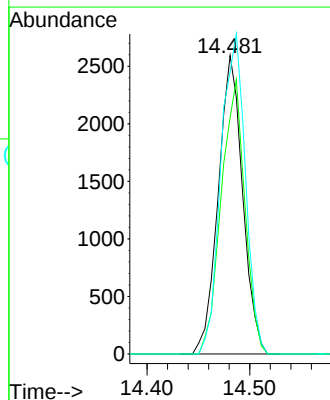
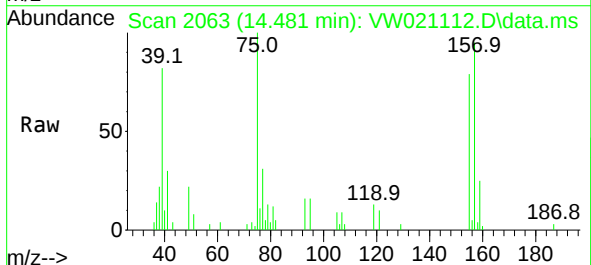
Tgt Ion: 75 Resp: 4266

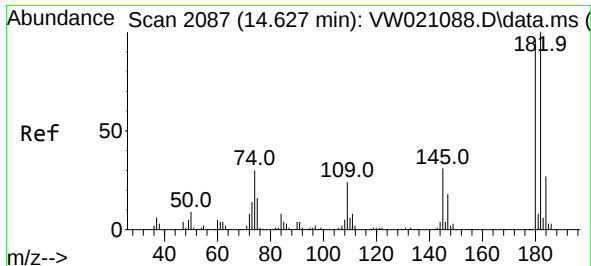
Ion Ratio Lower Upper

75 100

155 79.3 54.2 81.2

157 94.6 69.4 104.2





#69

1,3,5-Trichlorobenzene

Concen: 25.426 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

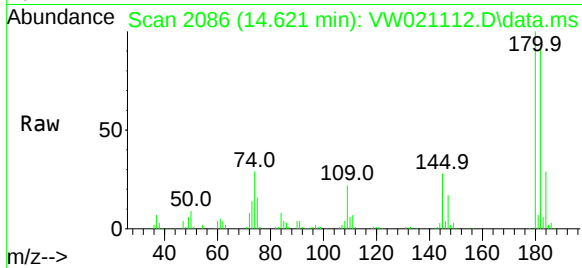
Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 68901

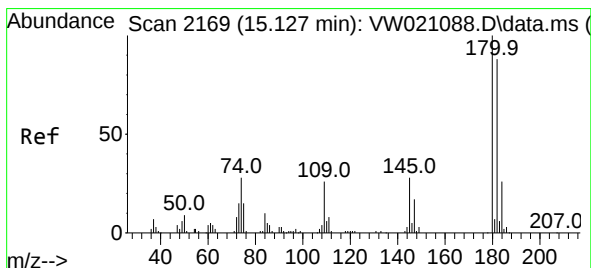
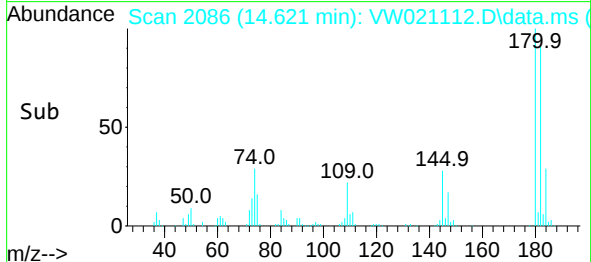
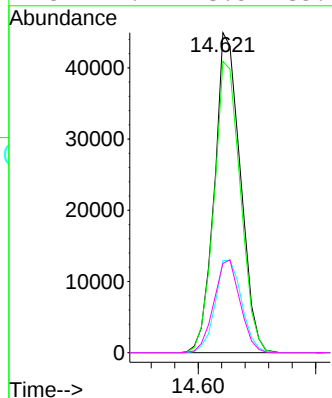
Ion Ratio Lower Upper

180 100

182 92.4 75.4 113.0

184 29.5 23.8 35.8

145 29.2 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 23.381 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021112.D

Acq: 04 Dec 2021 11:54

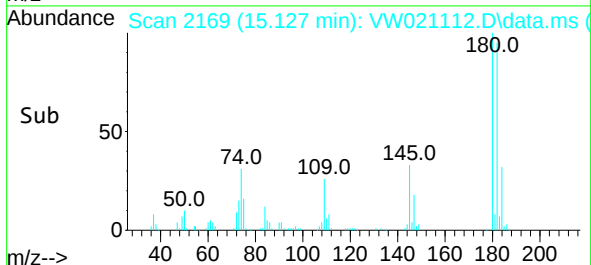
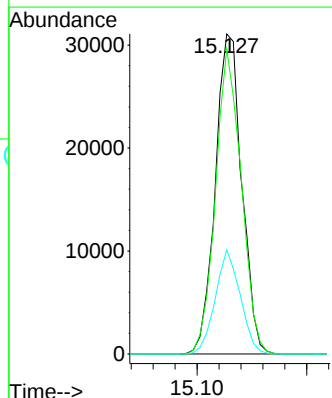
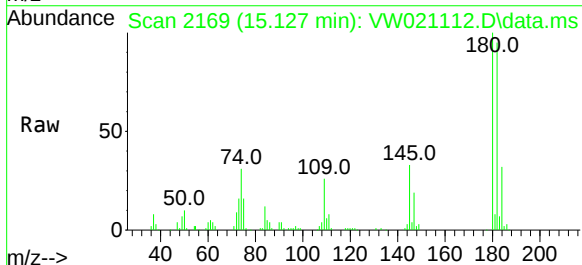
Tgt Ion:180 Resp: 52065

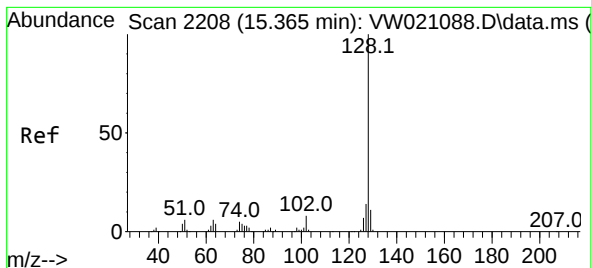
Ion Ratio Lower Upper

180 100

182 92.8 79.0 118.6

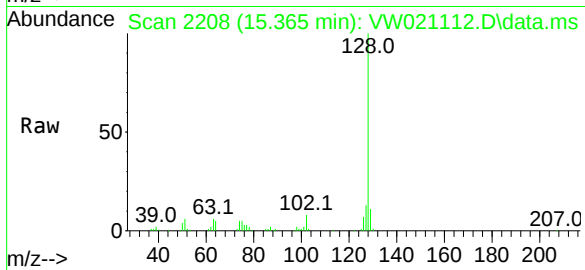
145 30.7 26.0 39.0



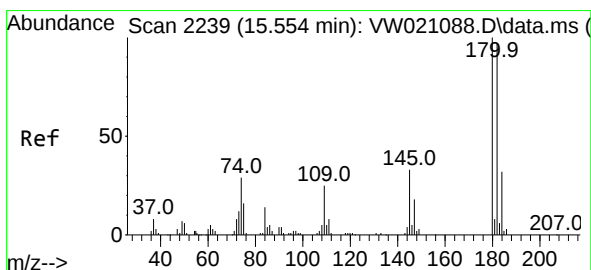
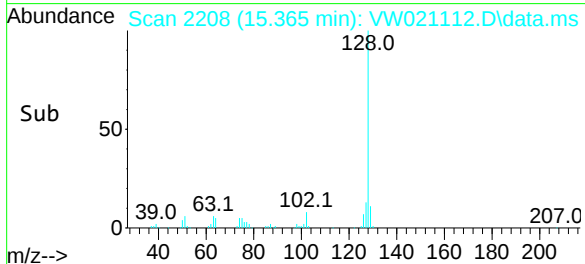
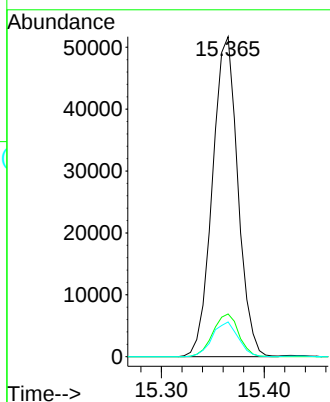


#71
Naphthalene
Concen: 21.437 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 88741
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: 22.705 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW021112.D
Acq: 04 Dec 2021 11:54

Tgt Ion:180 Resp: 44124
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
145 31.2 27.4 41.0

