

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022107.D
 Acq On : 23 Feb 2022 14:00
 Operator : SY/VA
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 24 01:26:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	154741	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	138675	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77112	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49815	24.682	ug/L	0.00
7) Chloroethane-d5	2.885	69	36618	23.059	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	72615	23.494	ug/L	0.00
21) 2-Butanone-d5	7.080	46	17230	49.273	ug/L	0.00
24) Chloroform-d	7.647	84	80578	23.339	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	42663	23.772	ug/L	0.00
32) Benzene-d6	8.275	84	156332	24.223	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	43503	24.272	ug/L	0.00
41) Toluene-d8	10.323	98	160061	24.946	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	19287	24.270	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	15487	52.536	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	39783	25.292	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	58555	23.642	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	7580	17.528	ug/L	100
3) Chloromethane	2.215	50	32837	22.159	ug/L	100
5) Vinyl chloride	2.361	62	48898	21.961	ug/L	100
6) Bromomethane	2.776	94	30595	19.674	ug/L	100
8) Chloroethane	2.916	64	27115	21.678	ug/L	100
9) Trichlorofluoromethane	3.257	101	32808	21.703	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	41215	22.347	ug/L	100
12) 1,1-Dichloroethene	4.044	96	36013	22.530	ug/L	100
13) Acetone	4.123	43	12390	45.653	ug/L	100
14) Carbon disulfide	4.385	76	90697	21.885	ug/L	100
15) Methyl Acetate	4.666	43	13941	22.438	ug/L	100
16) Methylene chloride	4.922	84	38323	20.177	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	38700	22.042	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	55123	23.076	ug/L	100
19) 1,1-Dichloroethane	6.220	63	63741	22.425	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	42703	22.453	ug/L	100
22) 2-Butanone	7.177	43	19036	47.353	ug/L	100
23) Bromochloromethane	7.519	128	20948	22.547	ug/L	100
25) Chloroform	7.677	83	74002	22.314	ug/L	100
27) 1,2-Dichloroethane	8.397	62	45558	22.303	ug/L	100
29) Cyclohexane	7.958	56	54732	23.716	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	65323	23.413	ug/L	100
31) Carbon tetrachloride	8.067	117	61855	23.327	ug/L	100
33) Benzene	8.323	78	154488	23.042	ug/L	100
34) Trichloroethene	9.092	95	42385	22.079	ug/L	100
35) Methylcyclohexane	9.335	83	70205	23.644	ug/L	100
37) 1,2-Dichloropropane	9.366	63	36396	23.269	ug/L	100
38) Bromodichloromethane	9.646	83	52570	23.437	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	57709	24.272	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	41991	49.712	ug/L	100
42) Toluene	10.384	91	179188	23.614	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	50600	23.683	ug/L	100

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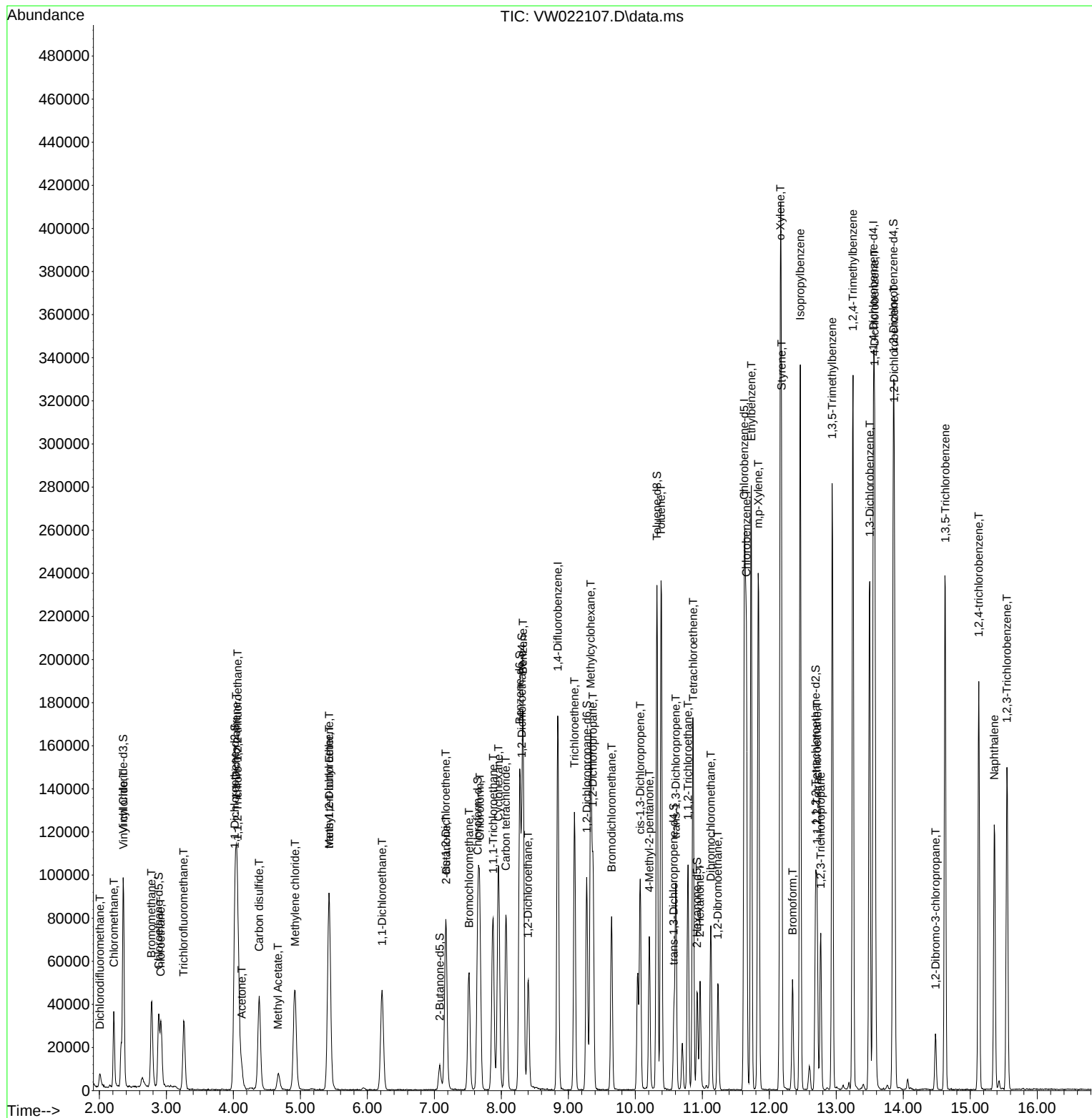
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	32099	23.143	ug/L	100
46) Tetrachloroethene	10.866	164	38846	23.100	ug/L	100
48) 2-Hexanone	10.963	43	31066	52.990	ug/L	100
49) Dibromochloromethane	11.128	129	40435	24.001	ug/L	100
50) 1,2-Dibromoethane	11.231	107	32307	24.149	ug/L	100
51) Chlorobenzene	11.658	112	120518	22.821	ug/L	100
52) Ethylbenzene	11.731	91	198895	23.683	ug/L	100
53) m,p-Xylene	11.835	106	81522	23.591	ug/L	100
54) o-Xylene	12.164	106	78293	24.079	ug/L	100
55) Styrene	12.182	104	131051	24.042	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	39214	24.367	ug/L	100
59) Bromoform	12.347	173	22686	22.247	ug/L	100
60) Isopropylbenzene	12.463	105	214260	23.146	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	27712	22.770	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	144681	23.505	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	177139	23.548	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	102485	22.318	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	97781	21.249	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	92943	22.765	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	6087	23.651	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	76431	23.190	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	57987	23.253	ug/L	100
71) Naphthalene	15.359	128	108755	24.704	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	48166	22.330	ug/L	100

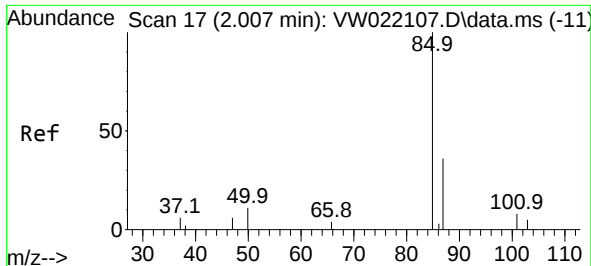
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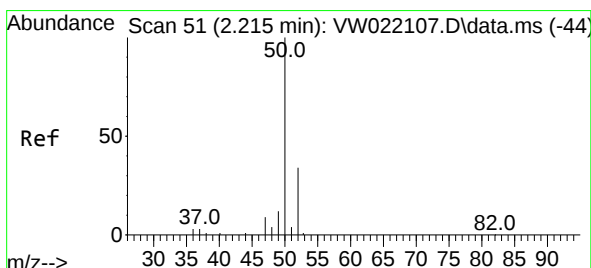
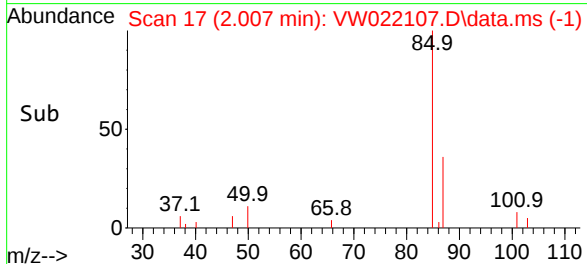
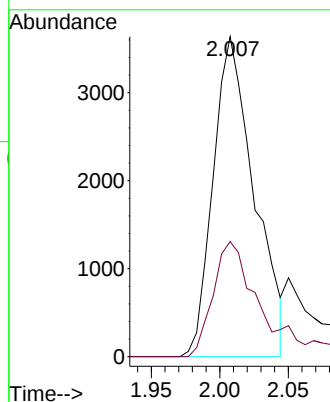
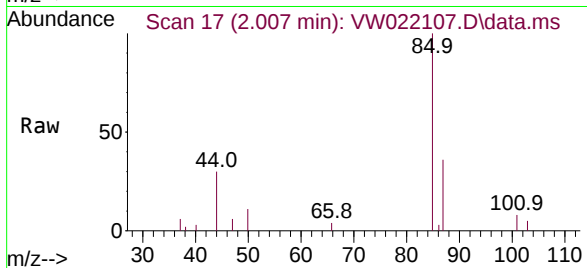




#2
 Dichlorodifluoromethane
 Concen: 17.528 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022107.D
 Acq: 23 Feb 2022 14:00

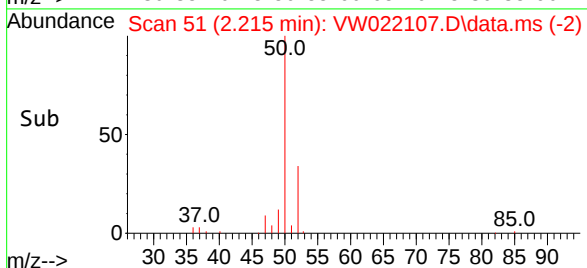
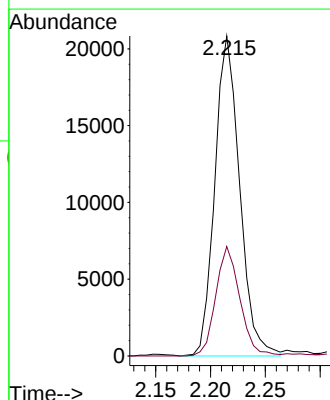
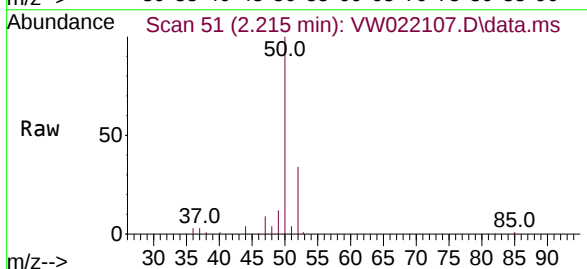
Instrument :
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 ClientSampleId :

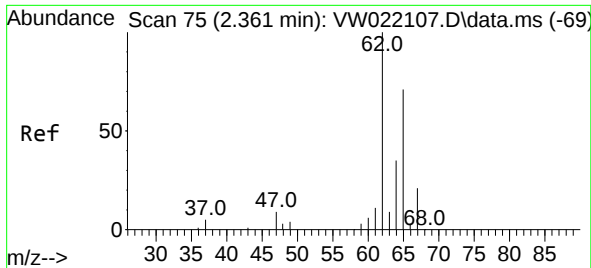
Tgt Ion: 85 Resp: 7580
 Ion Ratio Lower Upper
 85 100
 87 34.5 27.6 41.4



#3
 Chloromethane
 Concen: 22.159 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022107.D
 Acq: 23 Feb 2022 14:00

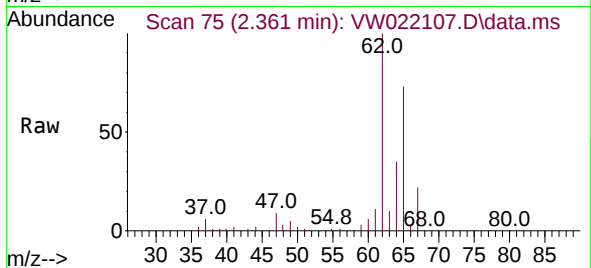
Tgt Ion: 50 Resp: 32837
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.9 44.5



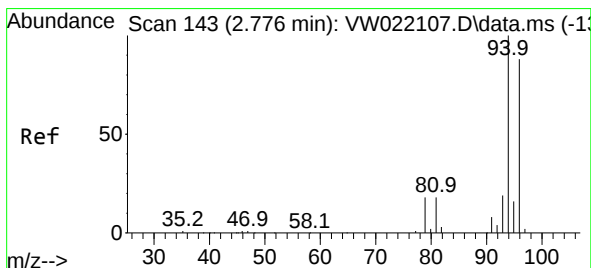
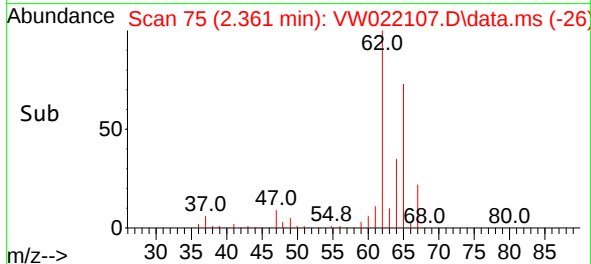
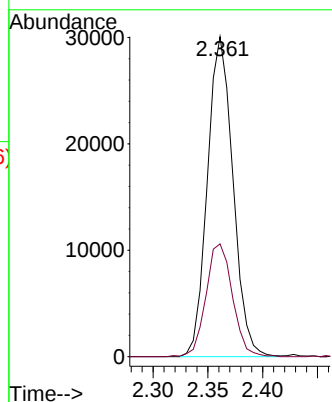


#5
 Vinyl chloride
 Concen: 21.961 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022107.D
 Acq: 23 Feb 2022 14:00

Instrument :
 MSVOA_W
 ClientSampleId :

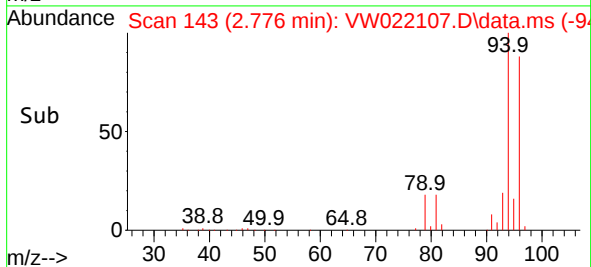
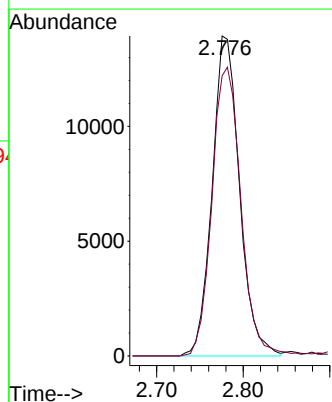
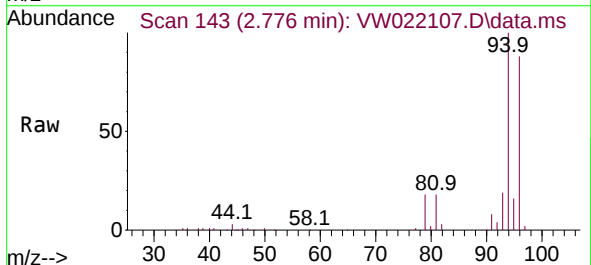


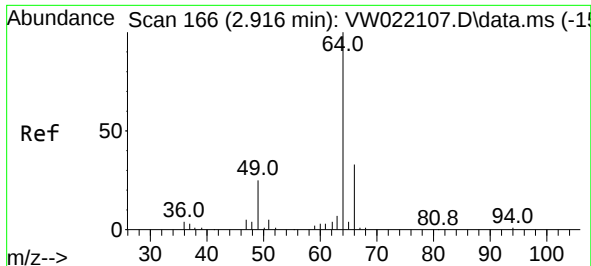
Tgt Ion: 62 Resp: 48898
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.7 45.9



#6
 Bromomethane
 Concen: 19.674 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022107.D
 Acq: 23 Feb 2022 14:00

Tgt Ion: 94 Resp: 30595
 Ion Ratio Lower Upper
 94 100
 96 87.5 61.2 113.8





#8

Chloroethane

Concen: 21.678 ug/L

RT: 2.916 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

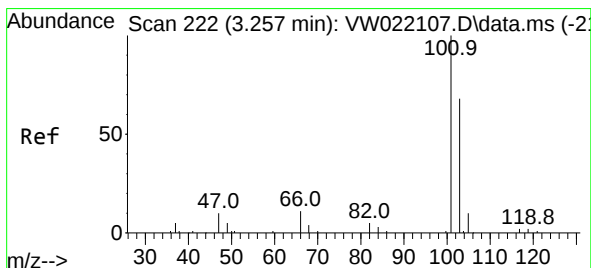
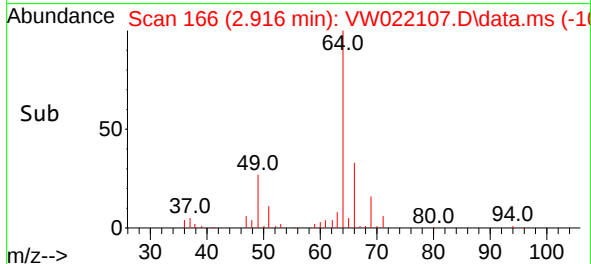
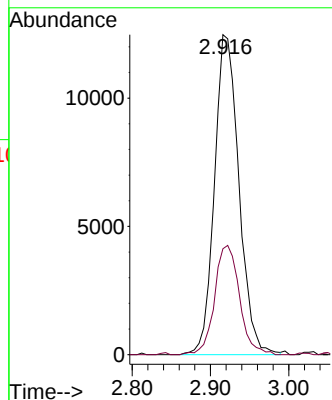
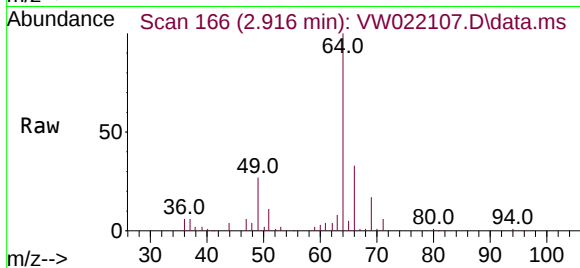
ClientSampleId :

Tgt Ion: 64 Resp: 27115

Ion Ratio Lower Upper

64 100

66 33.1 23.2 43.0



#9

Trichlorofluoromethane

Concen: 21.703 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.000 min

Lab File: VW022107.D

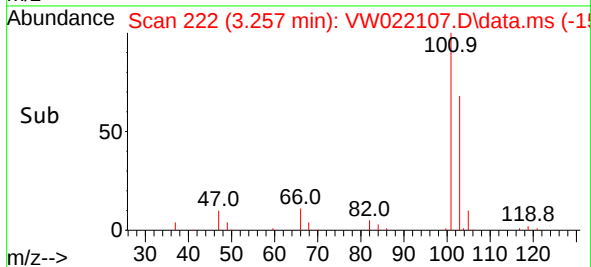
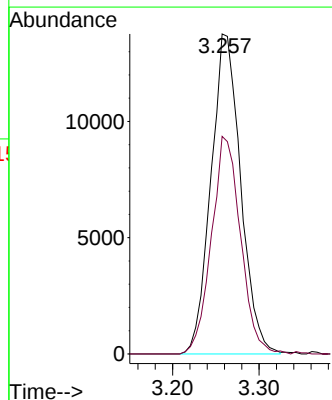
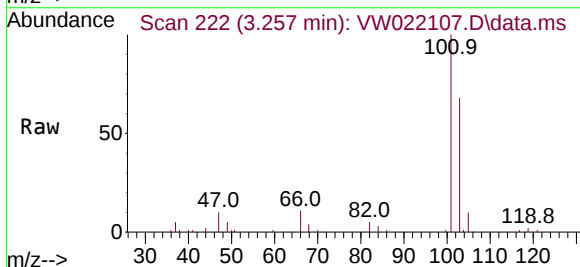
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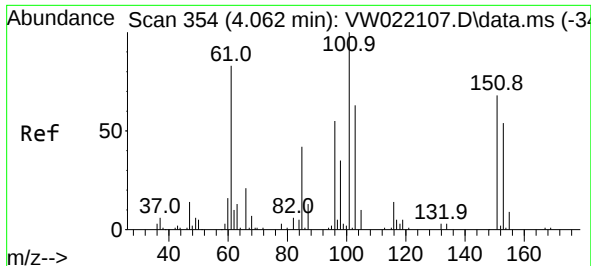
Tgt Ion:101 Resp: 32808

Ion Ratio Lower Upper

101 100

103 66.5 53.2 79.8

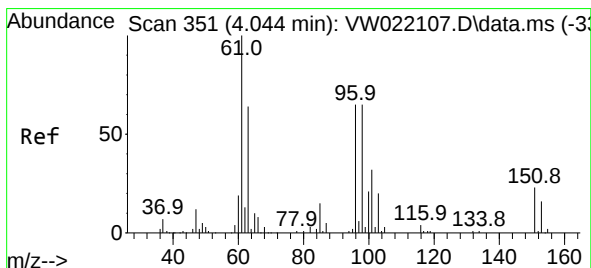
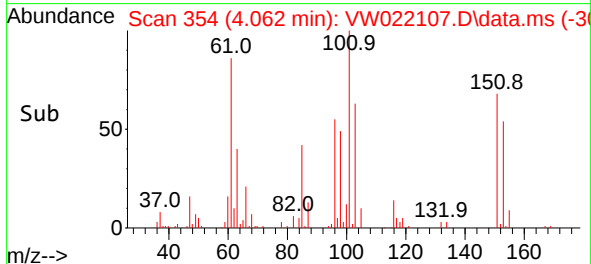
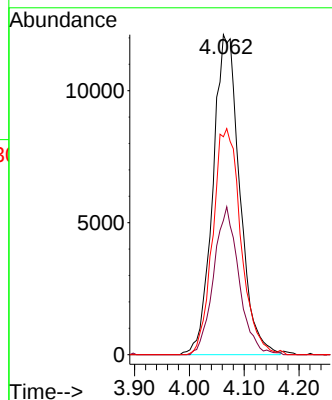
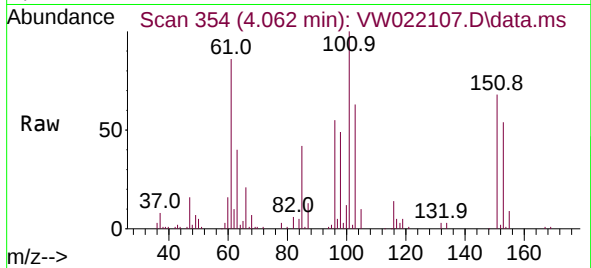




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.347 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022107.D
 Acq: 23 Feb 2022 14:00

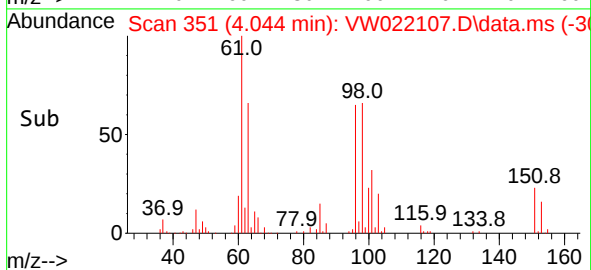
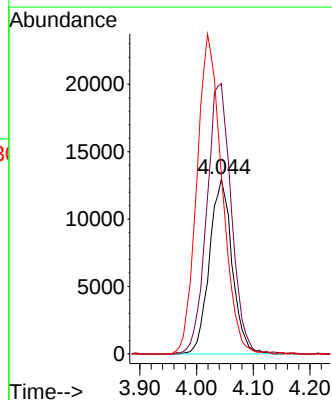
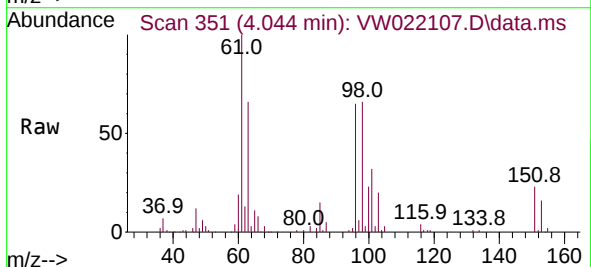
Instrument :
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 ClientSampleId :

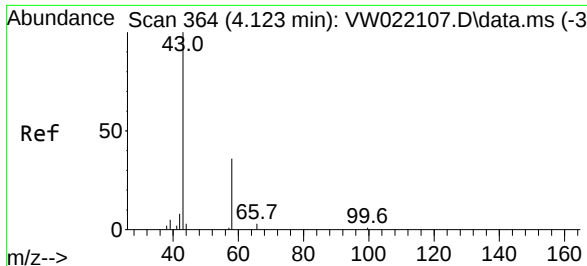
Tgt Ion:101 Resp: 41215
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.4 51.6
 151 73.7 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 22.530 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022107.D
 Acq: 23 Feb 2022 14:00

Tgt Ion: 96 Resp: 36013
 Ion Ratio Lower Upper
 96 100
 61 154.8 108.4 201.2
 63 102.8 72.0 133.6





#13

Acetone

Concen: 45.653 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

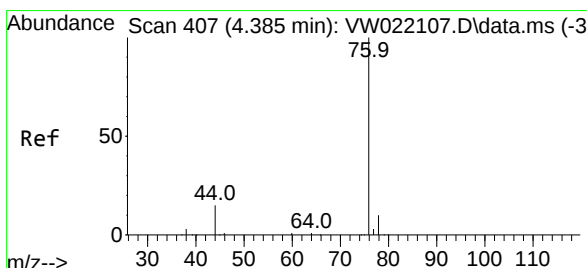
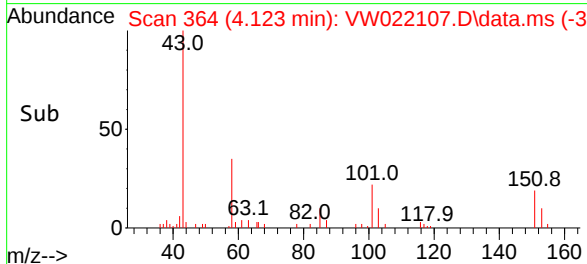
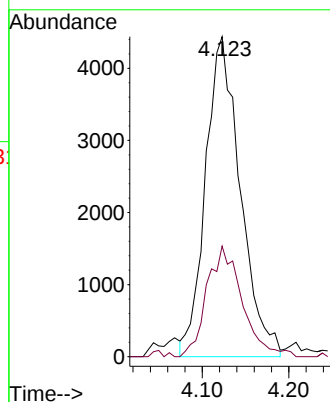
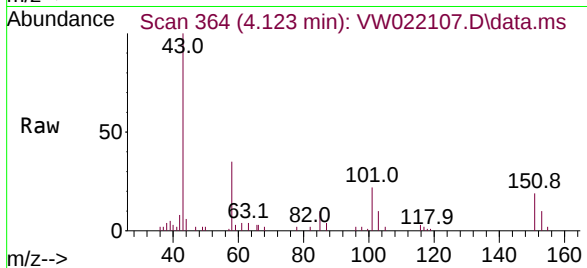
ClientSampleId :

Tgt Ion: 43 Resp: 12390

Ion Ratio Lower Upper

43 100

58 34.6 0.0 69.2



#14

Carbon disulfide

Concen: 21.885 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW022107.D

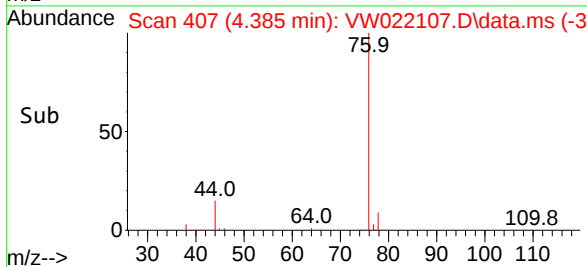
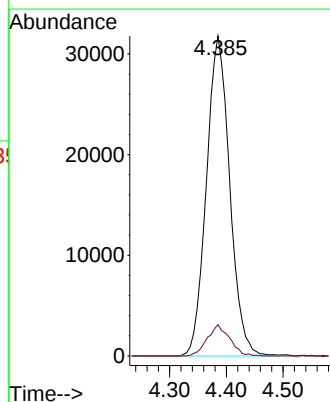
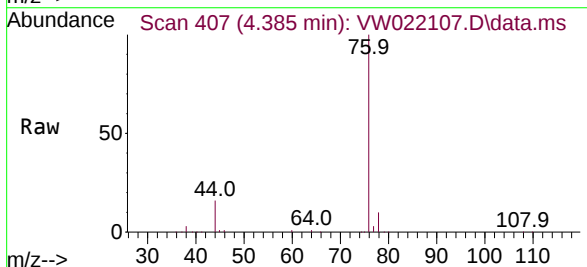
Acq: 23 Feb 2022 14:00

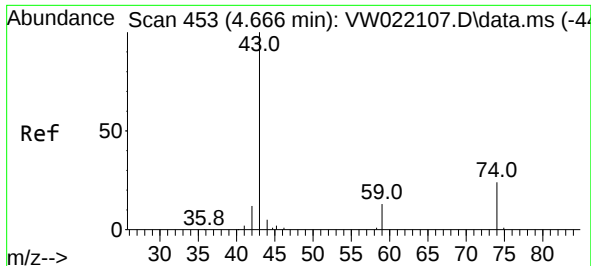
Tgt Ion: 76 Resp: 90697

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.8

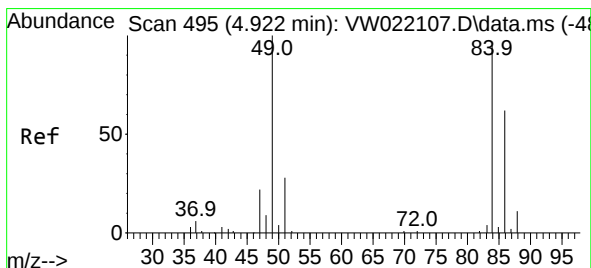
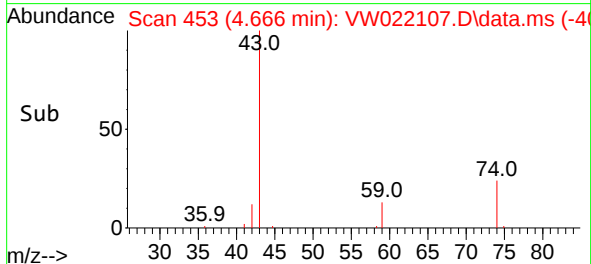
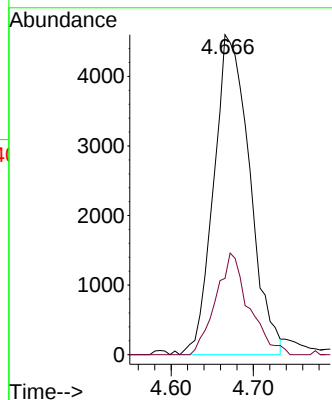
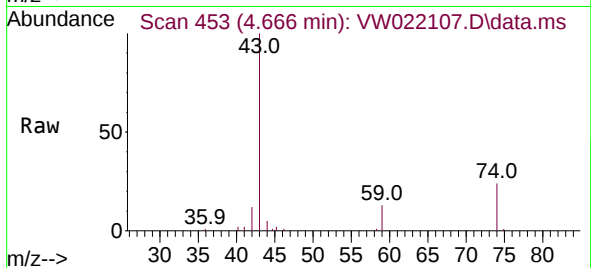




#15
Methyl Acetate
Concen: 22.438 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

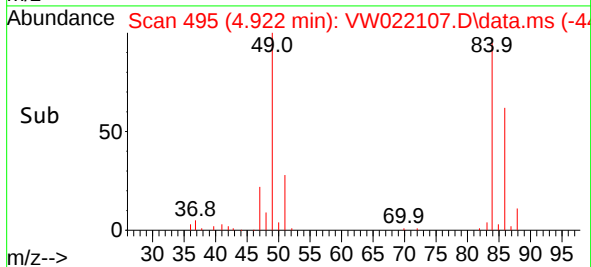
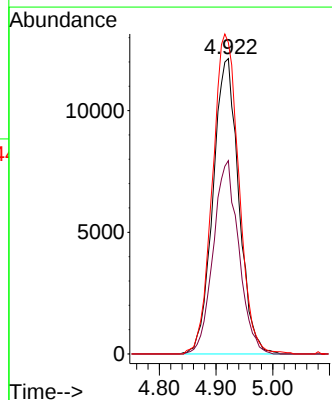
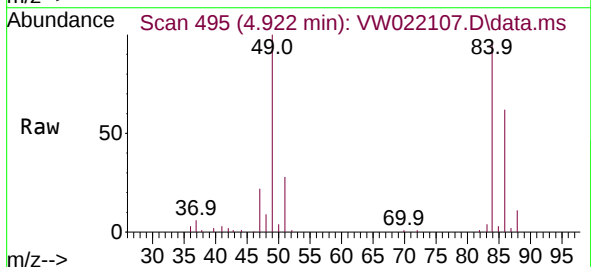
Instrument :
MSVOA_W
ClientSampleId :

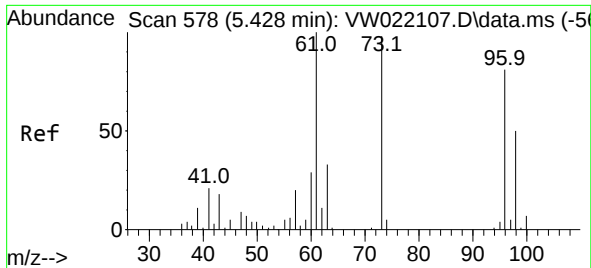
Tgt Ion: 43 Resp: 13941
Ion Ratio Lower Upper
43 100
74 28.8 23.0 34.6



#16
Methylene chloride
Concen: 20.177 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Tgt Ion: 84 Resp: 38323
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 105.4 73.8 137.0

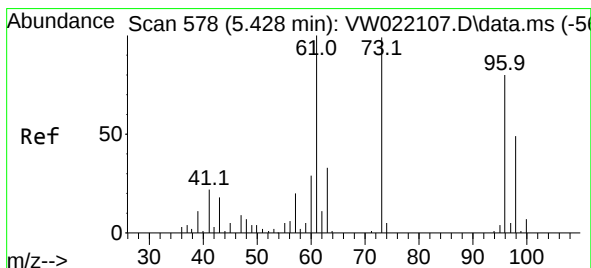
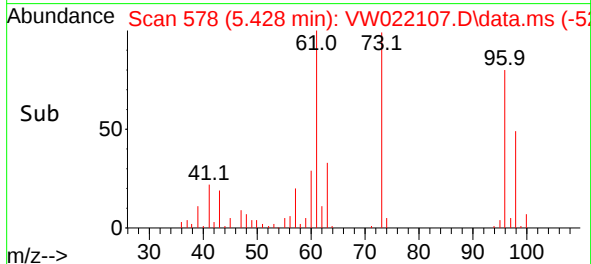
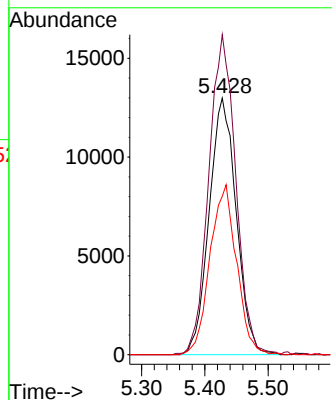
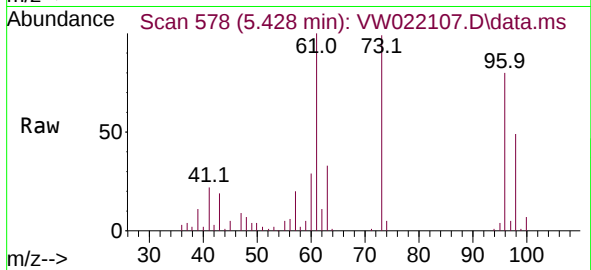




#17
trans-1,2-Dichloroethene
Concen: 22.042 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

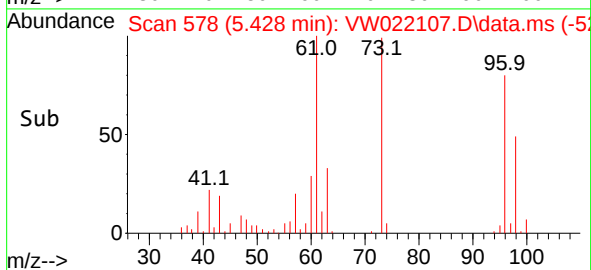
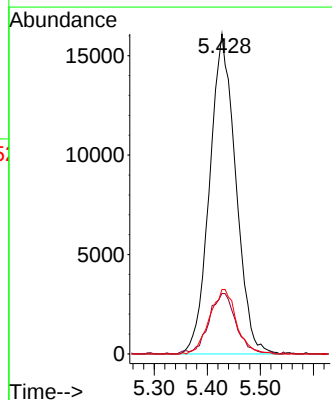
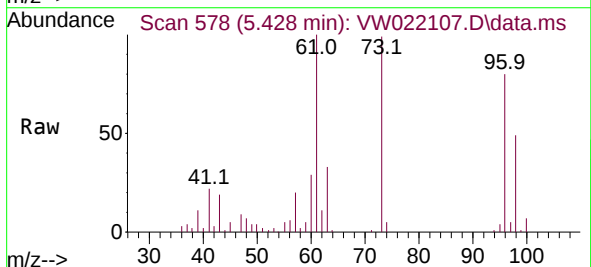
Instrument :
MSVOA_W
ClientSampleId :

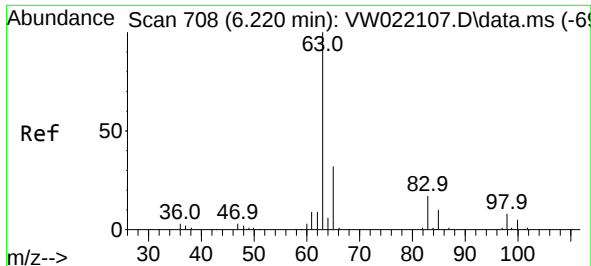
Tgt Ion: 96 Resp: 38700
Ion Ratio Lower Upper
96 100
61 124.7 87.3 162.1
98 61.7 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 23.076 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Tgt Ion: 73 Resp: 55123
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.2
57 20.6 16.5 24.7





#19

1,1-Dichloroethane

Concen: 22.425 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022107.D

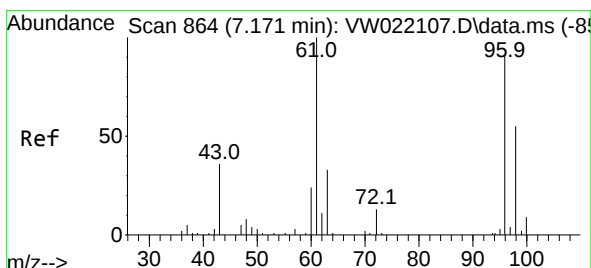
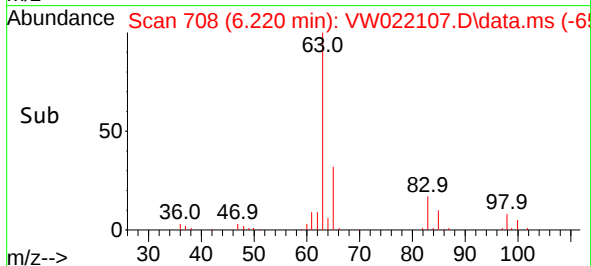
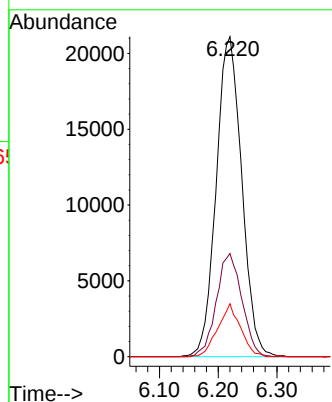
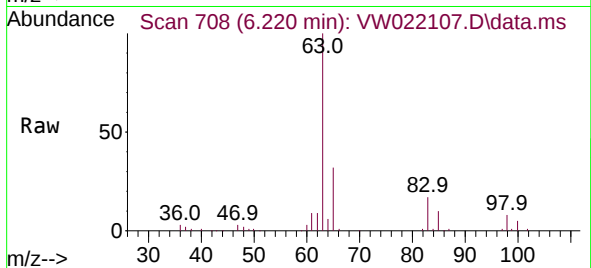
Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	63741
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.9
83	16.5	11.5	21.5



#20

cis-1,2-Dichloroethene

Concen: 22.453 ug/L

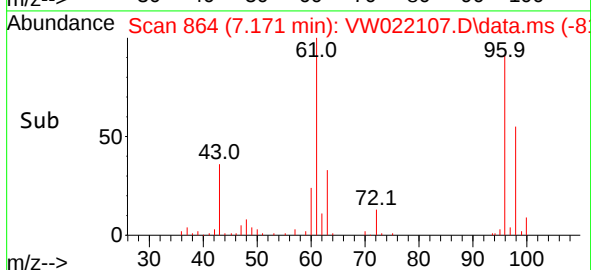
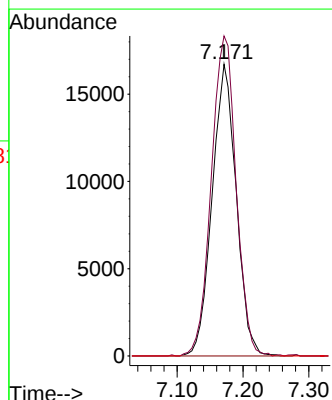
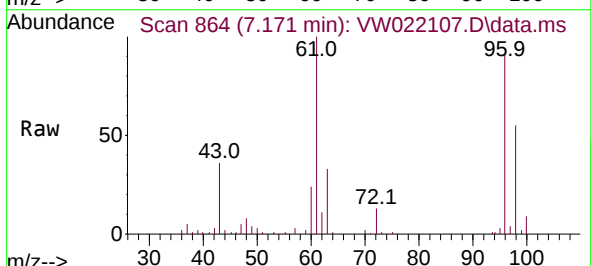
RT: 7.171 min Scan# 864

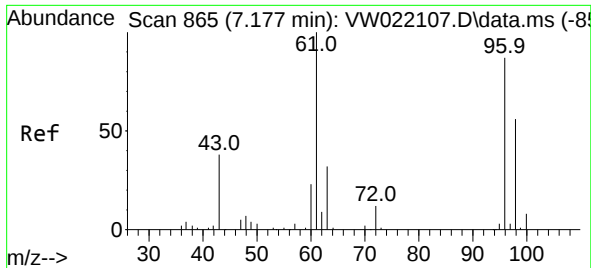
Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Tgt Ion:	96	Resp:	42703
Ion	Ratio	Lower	Upper
96	100		
61	109.7	76.8	142.6
68	0.0	0.0	0.0

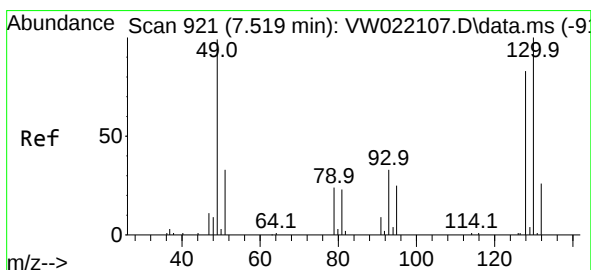
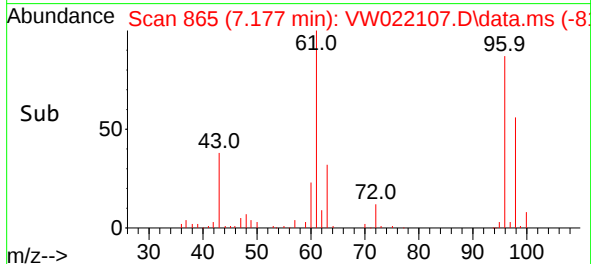
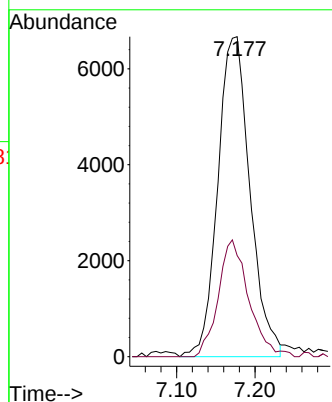
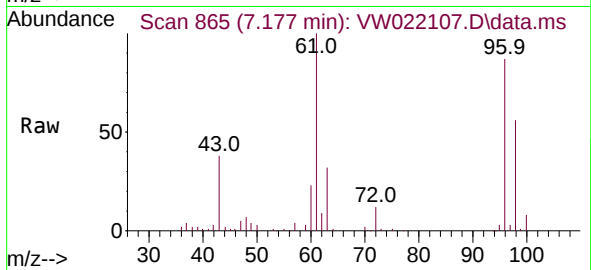




#22
2-Butanone
Concen: 47.353 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

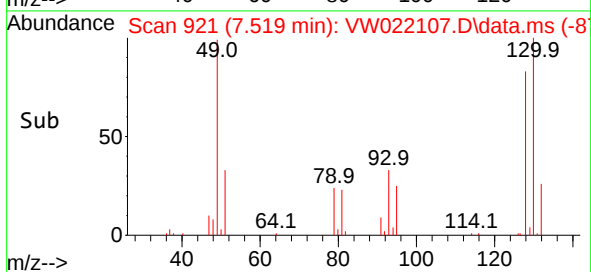
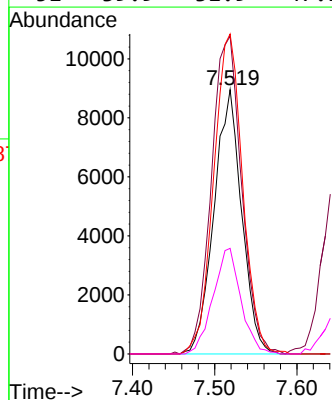
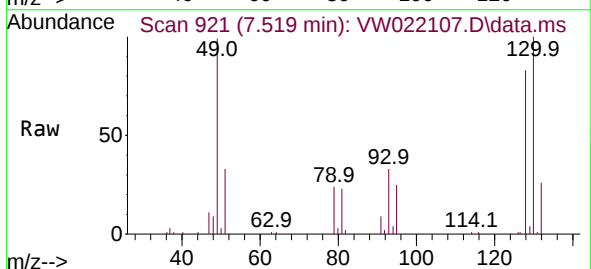
Instrument :
MSVOA_W
ClientSampleId :

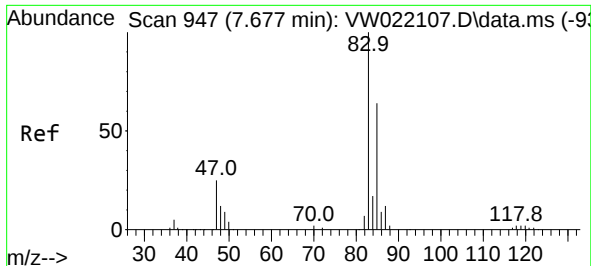
Tgt Ion: 43 Resp: 19036
Ion Ratio Lower Upper
43 100
72 34.0 17.0 51.0



#23
Bromochloromethane
Concen: 22.547 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Tgt Ion: 128 Resp: 20948
Ion Ratio Lower Upper
128 100
49 120.3 84.2 156.4
130 121.1 84.8 157.4
51 39.9 31.9 47.9

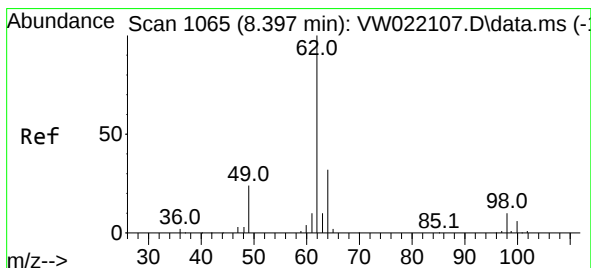
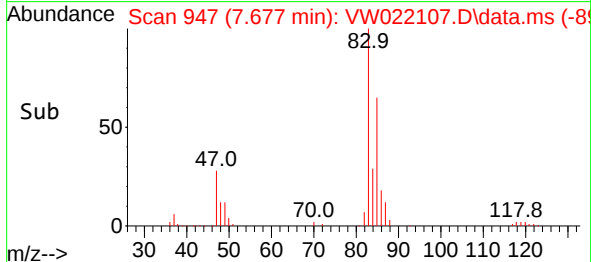
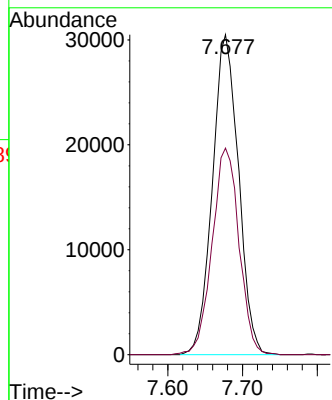
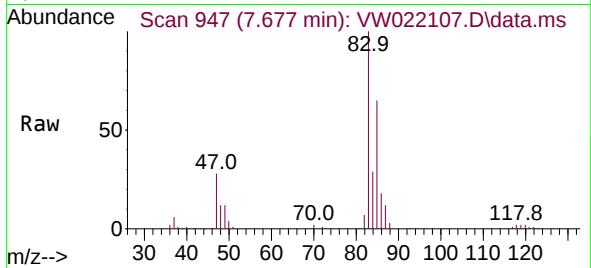




#25
Chloroform
Concen: 22.314 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

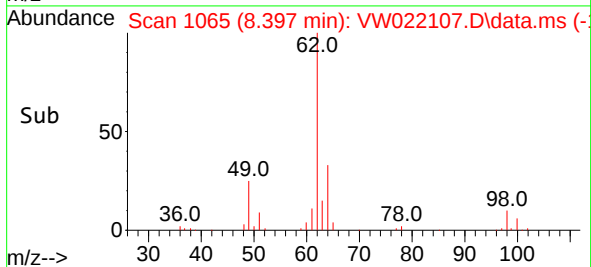
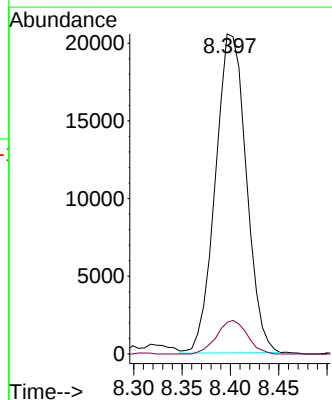
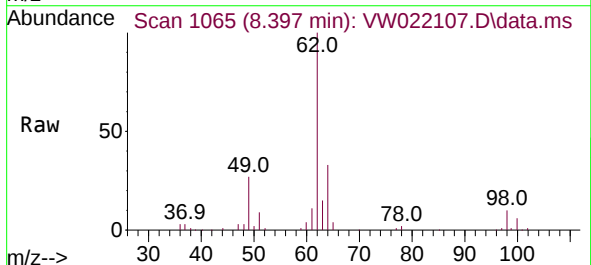
Instrument :
MSVOA_W
ClientSampleId :

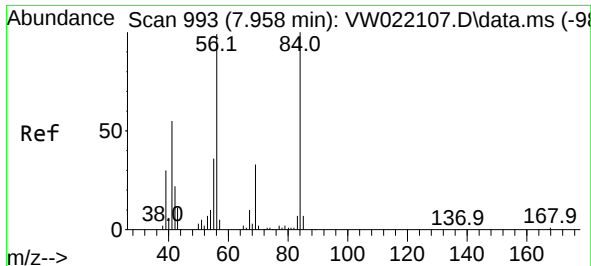
Tgt Ion: 83 Resp: 74002
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 22.303 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Tgt Ion: 62 Resp: 45558
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9





#29

Cyclohexane

Concen: 23.716 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

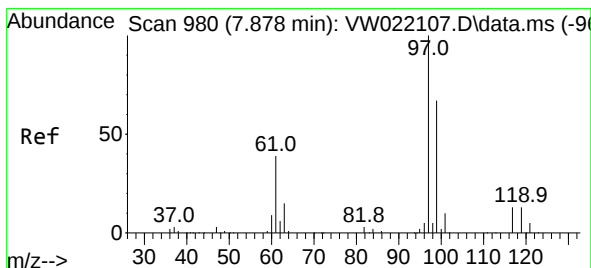
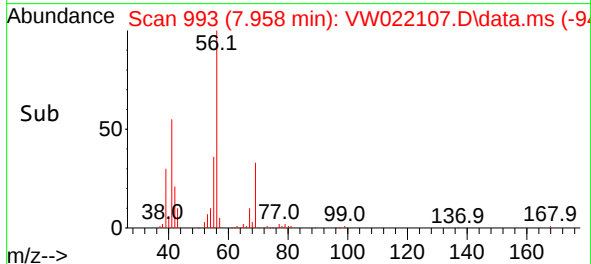
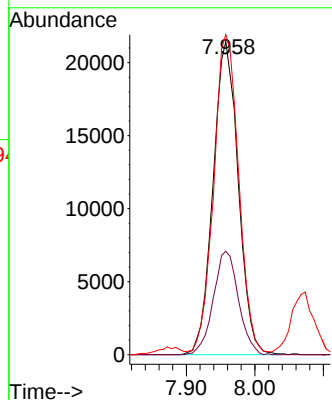
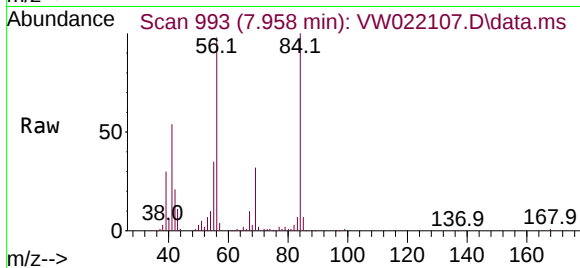
Tgt Ion: 56 Resp: 54732

Ion Ratio Lower Upper

56 100

69 32.9 26.3 39.5

84 101.8 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 23.413 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

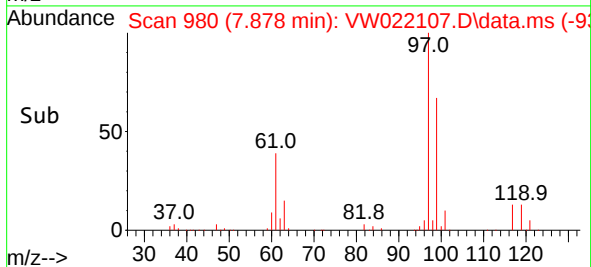
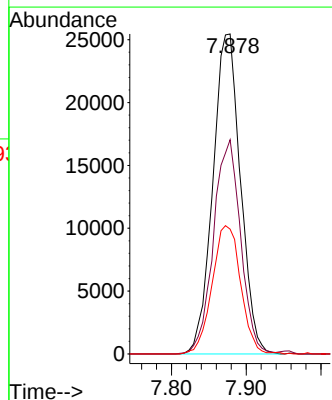
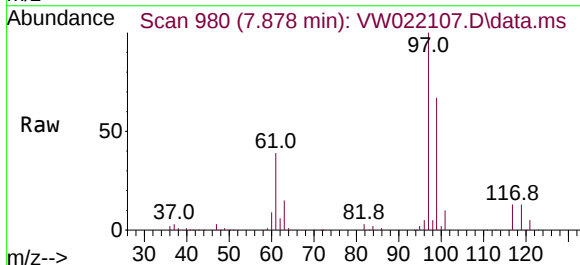
Tgt Ion: 97 Resp: 65323

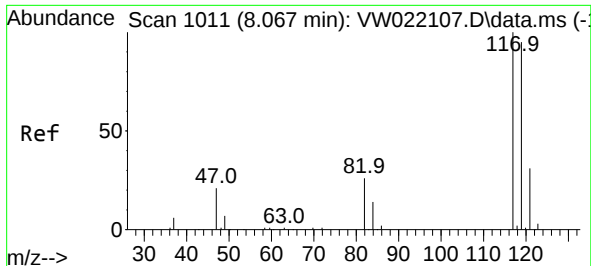
Ion Ratio Lower Upper

97 100

99 65.7 52.6 78.8

61 41.3 33.0 49.6

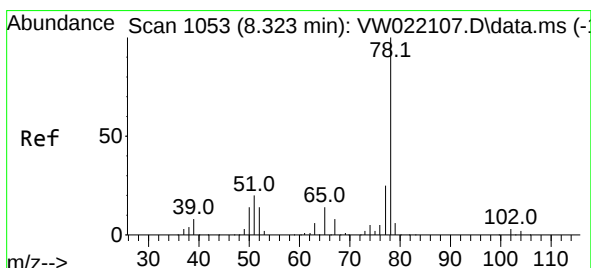
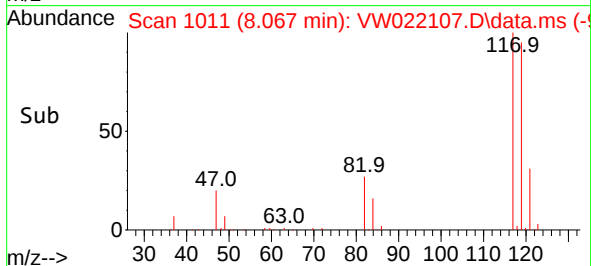
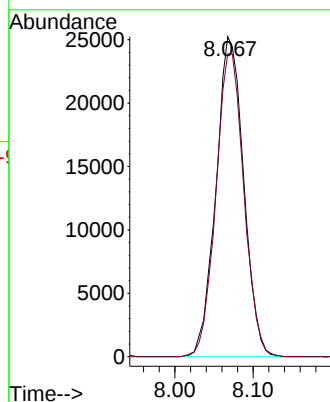
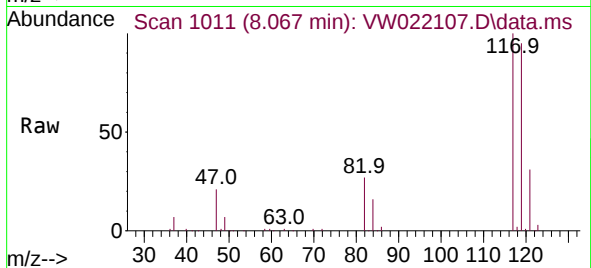




#31
Carbon tetrachloride
Concen: 23.327 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

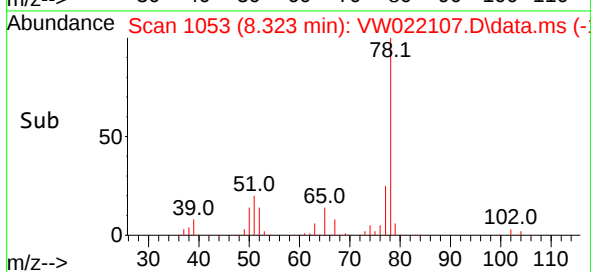
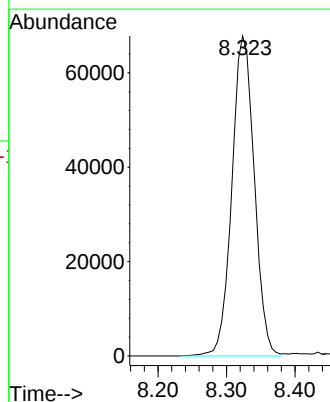
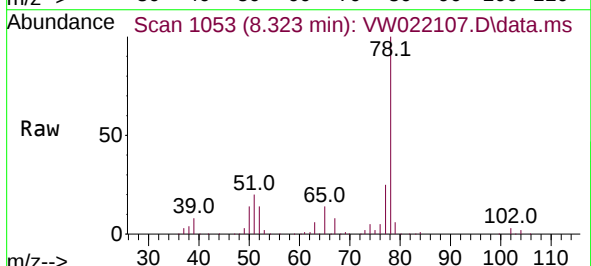
Instrument :
MSVOA_W
ClientSampleId :

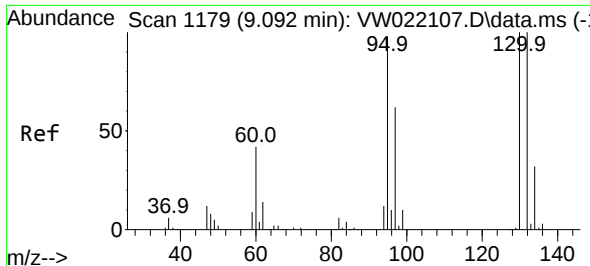
Tgt Ion:117 Resp: 61855
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1



#33
Benzene
Concen: 23.042 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Tgt Ion: 78 Resp: 154488

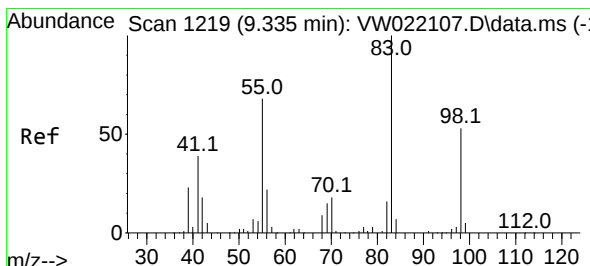
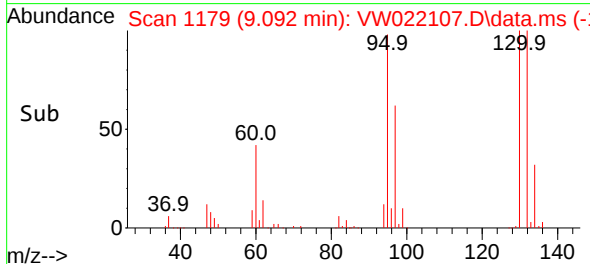
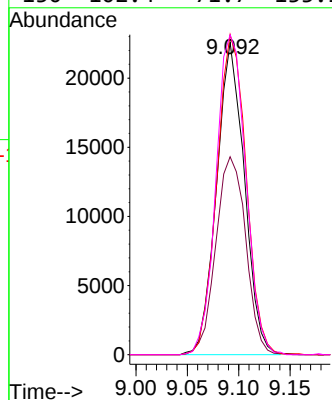
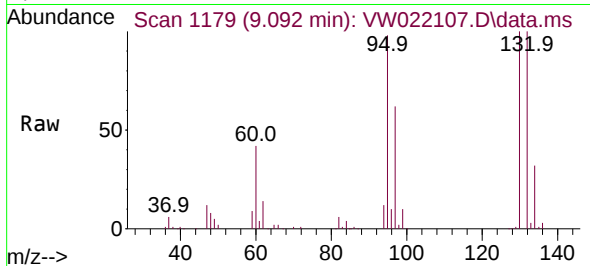




#34
Trichloroethene
Concen: 22.079 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

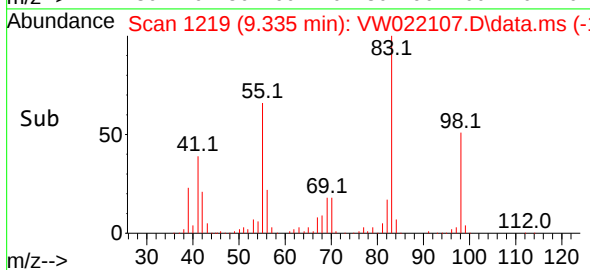
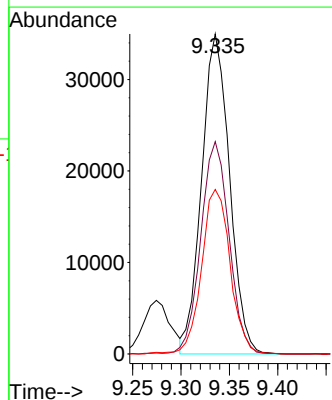
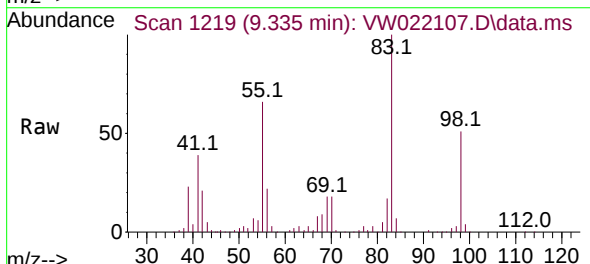
Instrument :
MSVOA_W
ClientSampleId :

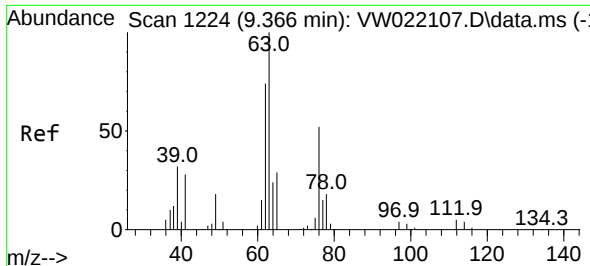
Tgt Ion: 95 Resp: 42385
Ion Ratio Lower Upper
95 100
97 63.4 44.4 82.4
132 102.4 71.7 133.1
130 102.4 71.7 133.1



#35
Methylcyclohexane
Concen: 23.644 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Tgt Ion: 83 Resp: 70205
Ion Ratio Lower Upper
83 100
55 67.3 53.8 80.8
98 52.6 42.1 63.1





#37

1,2-Dichloropropane

Concen: 23.269 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

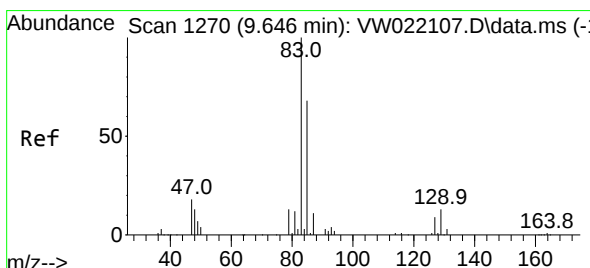
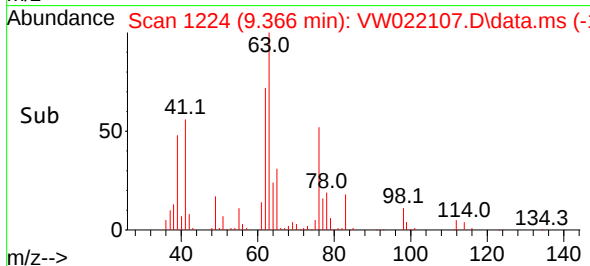
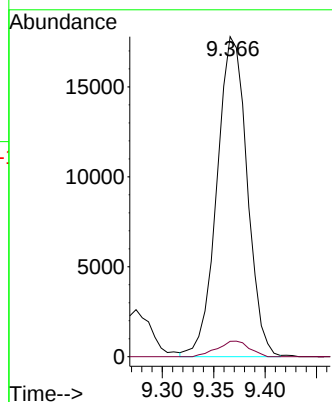
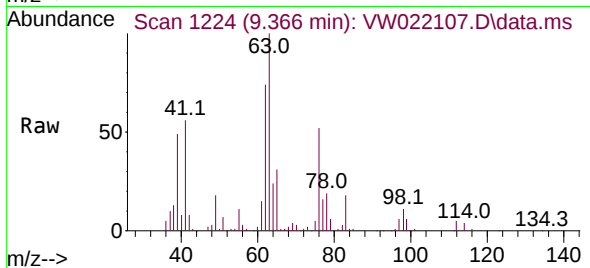
ClientSampleId :

Tgt Ion: 63 Resp: 36396

Ion Ratio Lower Upper

63 100

112 5.1 4.1 6.1



#38

Bromodichloromethane

Concen: 23.437 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

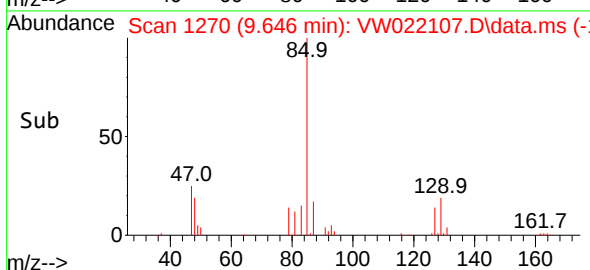
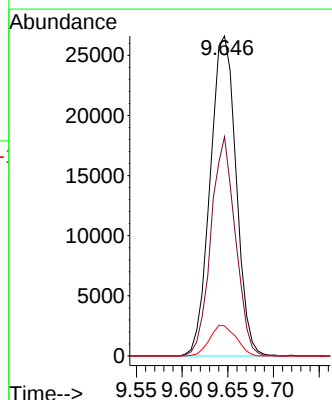
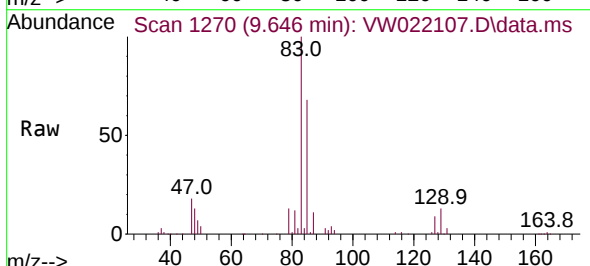
Tgt Ion: 83 Resp: 52570

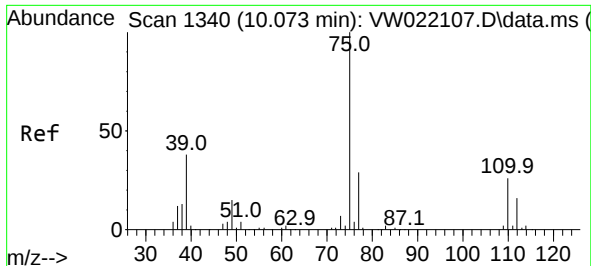
Ion Ratio Lower Upper

83 100

85 68.5 47.9 89.1

127 9.4 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 24.272 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

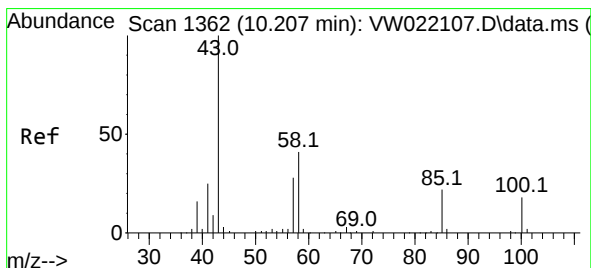
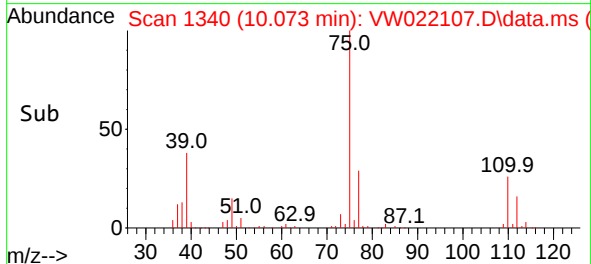
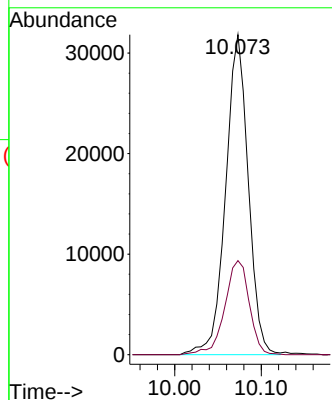
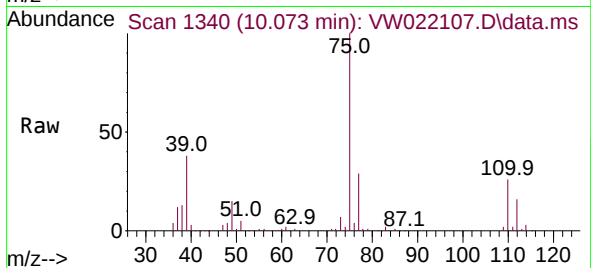
ClientSampleId :

Tgt Ion: 75 Resp: 57709

Ion Ratio Lower Upper

75 100

77 29.4 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 49.712 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

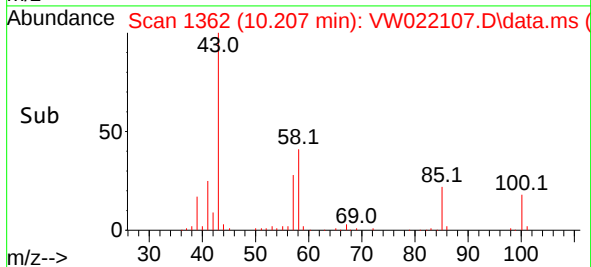
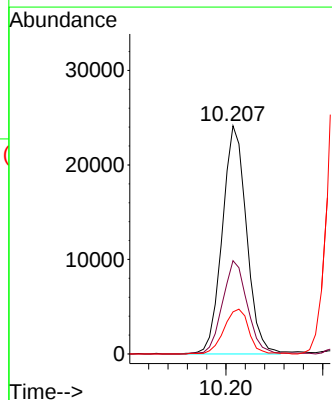
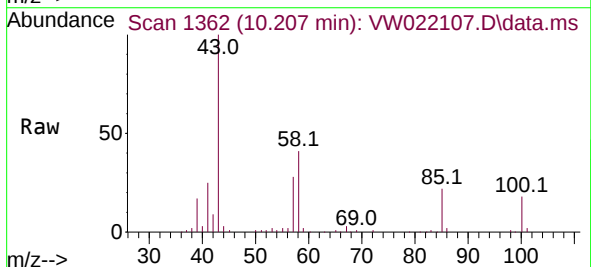
Tgt Ion: 43 Resp: 41991

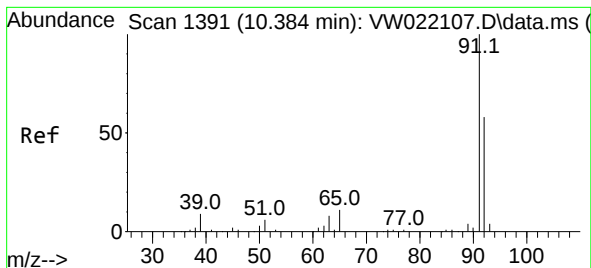
Ion Ratio Lower Upper

43 100

58 41.5 33.2 49.8

100 20.1 16.1 24.1





#42

Toluene

Concen: 23.614 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

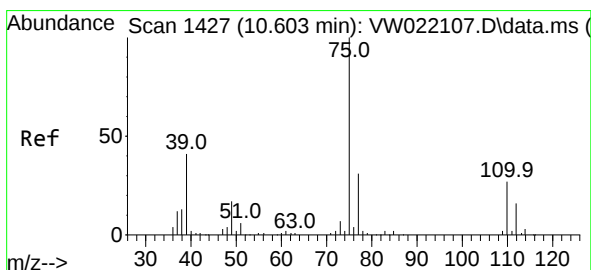
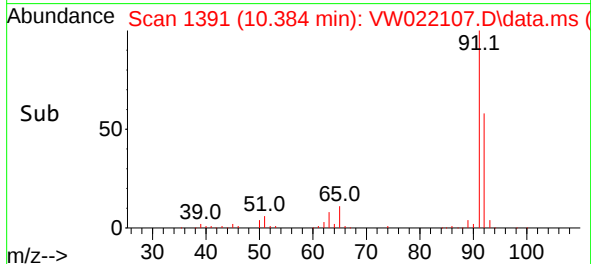
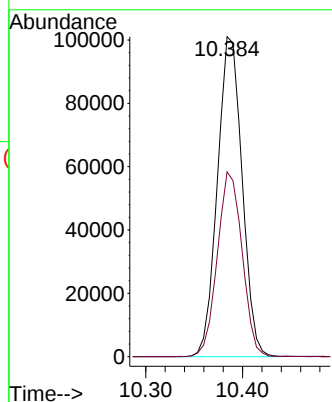
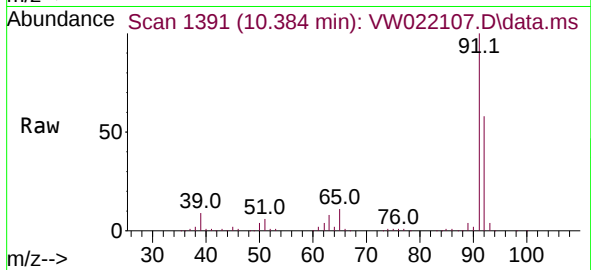
ClientSampleId :

Tgt Ion: 91 Resp: 179188

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 23.683 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022107.D

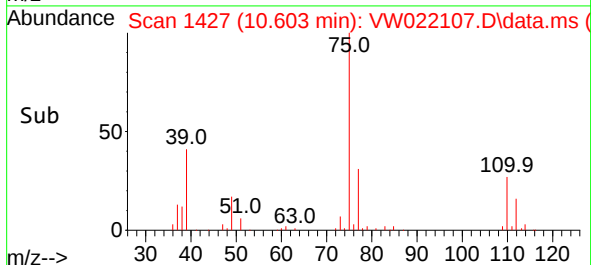
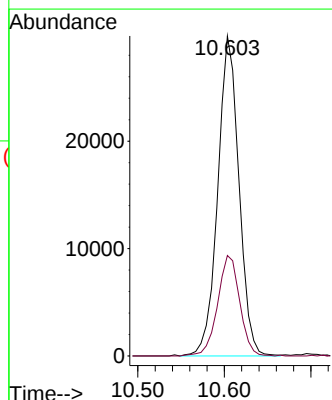
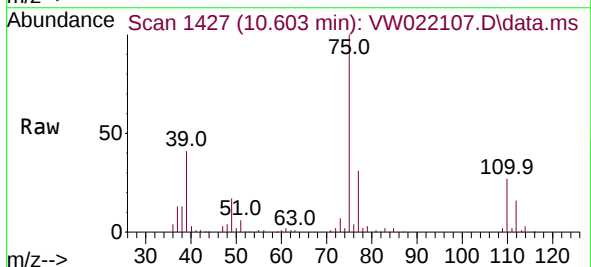
Acq: 23 Feb 2022 14:00

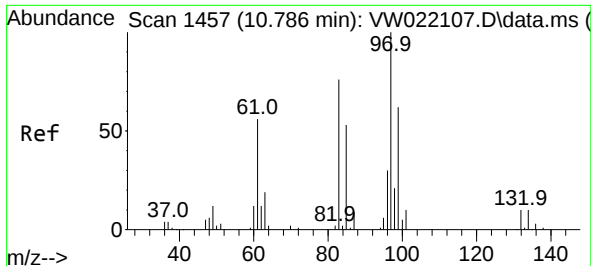
Tgt Ion: 75 Resp: 50600

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

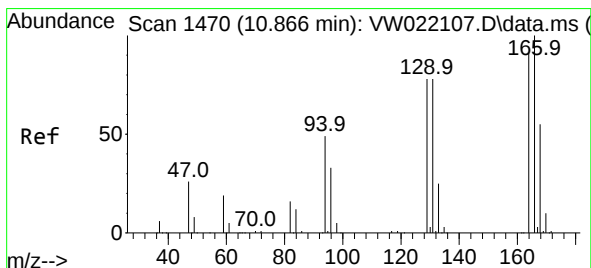
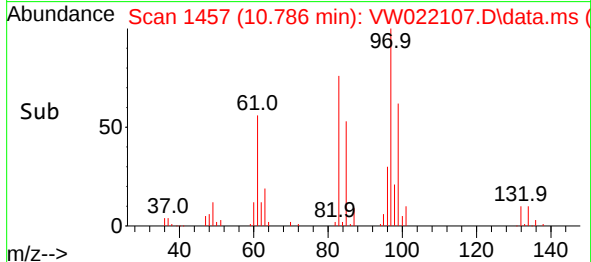
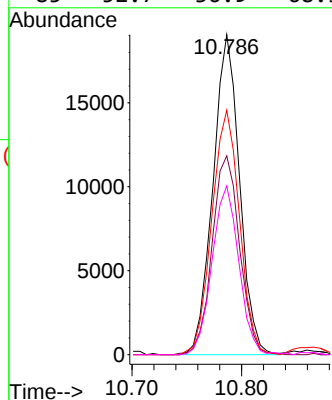
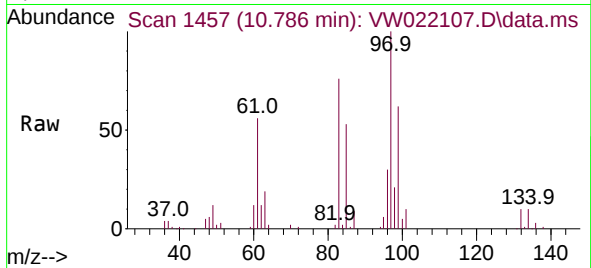




#45
1,1,2-Trichloroethane
Concen: 23.143 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

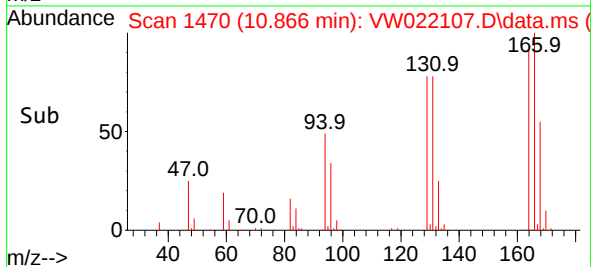
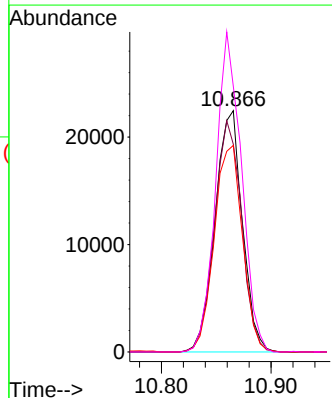
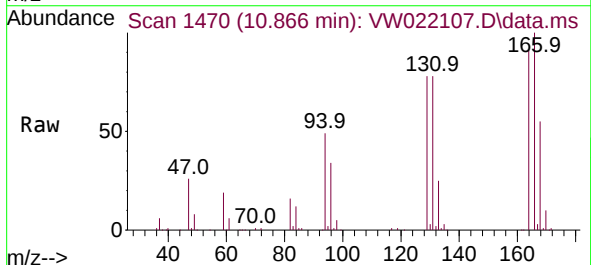
Instrument :
MSVOA_W
ClientSampleId :

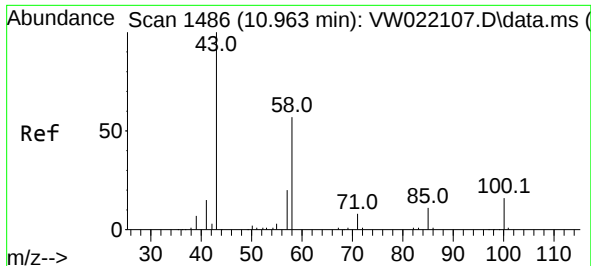
Tgt Ion:	97	Resp:	32099
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.5	80.7
83	76.4	53.5	99.3
85	52.7	36.9	68.5



#46
Tetrachloroethene
Concen: 23.100 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

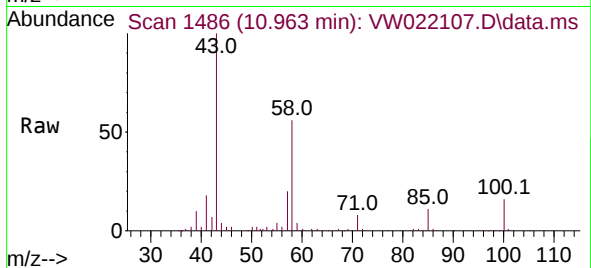
Tgt Ion:	164	Resp:	38846
Ion	Ratio	Lower	Upper
164	100		
129	86.1	60.3	111.9
131	85.6	59.9	111.3
166	110.0	77.0	143.0



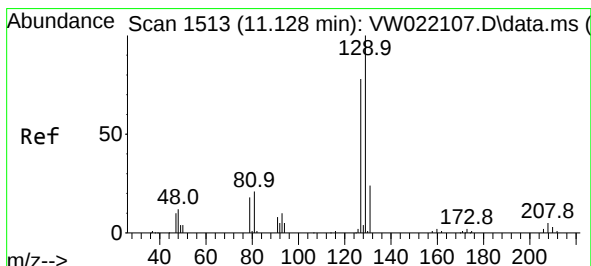
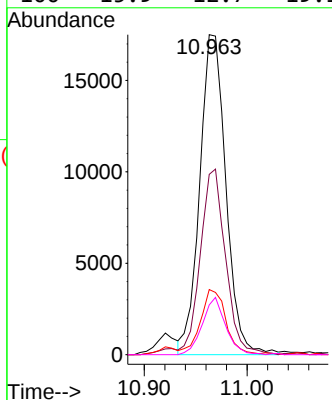
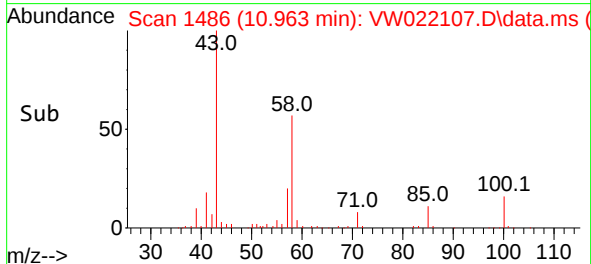


#48
2-Hexanone
Concen: 52.990 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Instrument :
MSVOA_W
ClientSampleId :

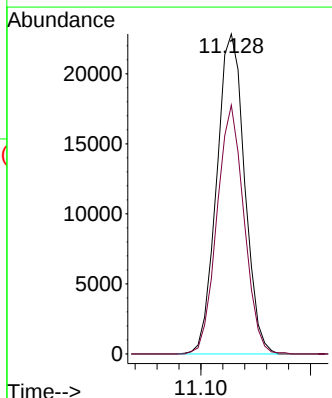
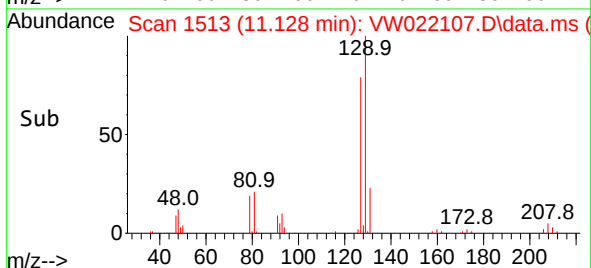
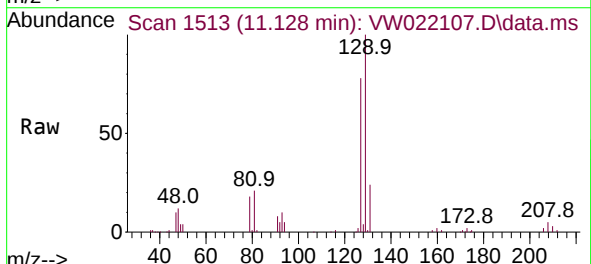


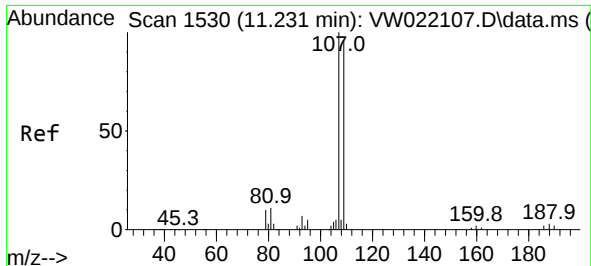
Tgt Ion: 43	Resp: 31066		
Ion	Ratio	Lower	Upper
43	100		
58	55.7	44.6	66.8
57	19.8	15.8	23.8
100	15.9	12.7	19.1



#49
Dibromochloromethane
Concen: 24.001 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Tgt Ion:129	Resp: 40435		
Ion Ratio	Lower	Upper	
129 100			
127 77.8	54.5	101.1	





#50

1,2-Dibromoethane

Concen: 24.149 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW022107.D

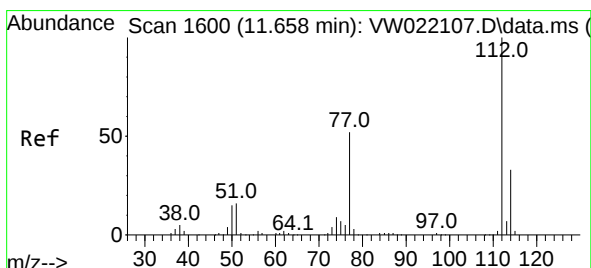
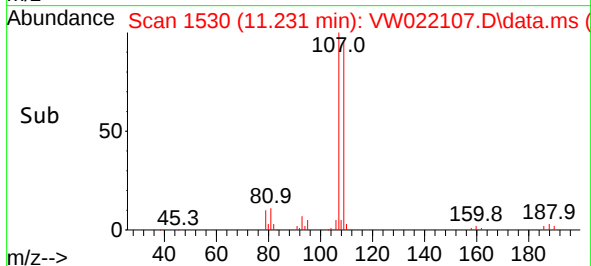
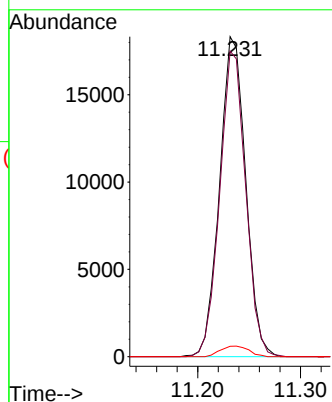
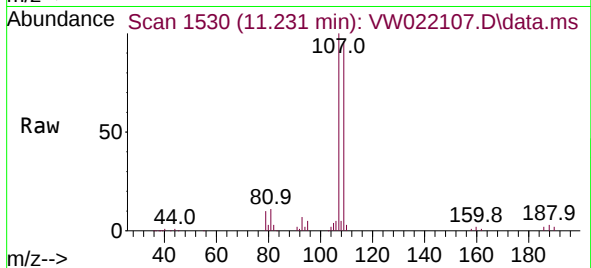
Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	32307
Ion Ratio	Lower	Upper
107	100	
109	95.5	66.8 124.2
188	3.3	2.6 4.0



#51

Chlorobenzene

Concen: 22.821 ug/L

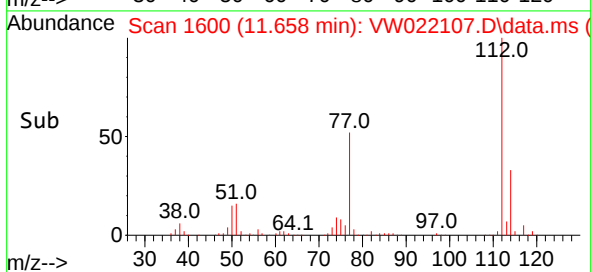
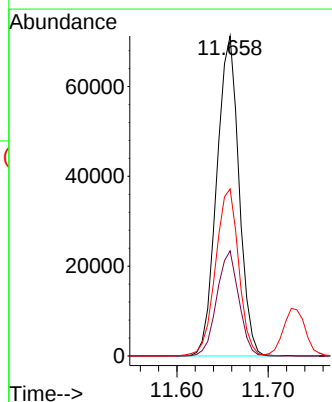
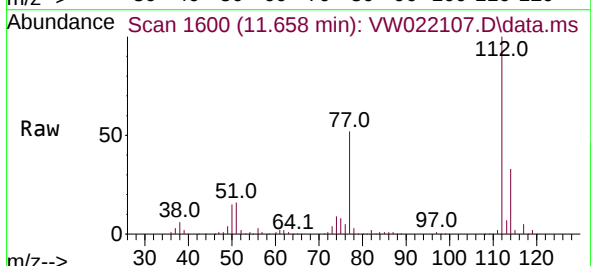
RT: 11.658 min Scan# 1600

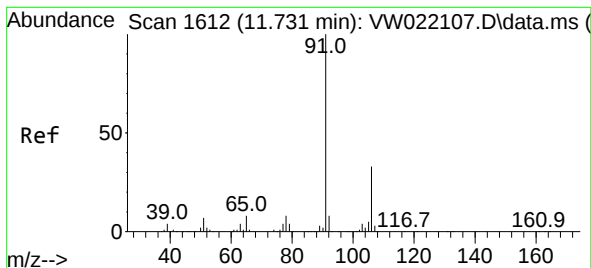
Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Tgt Ion:112	Resp:	120518
Ion Ratio	Lower	Upper
112	100	
114	32.9	23.0 42.8
77	52.2	41.8 62.6

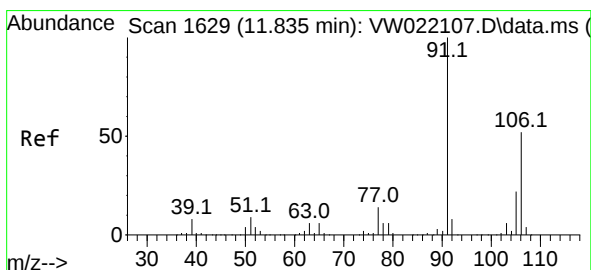
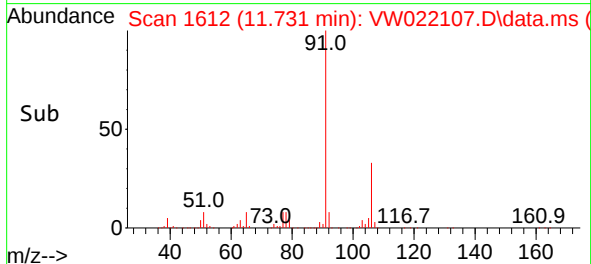
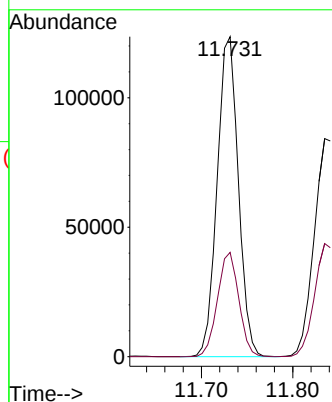
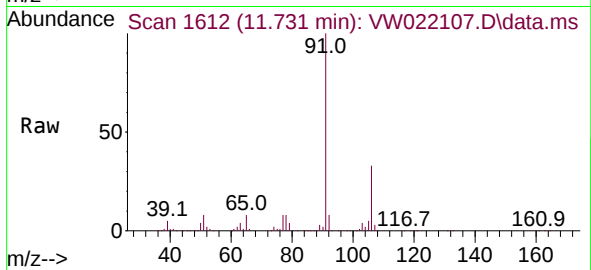




#52
Ethylbenzene
Concen: 23.683 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

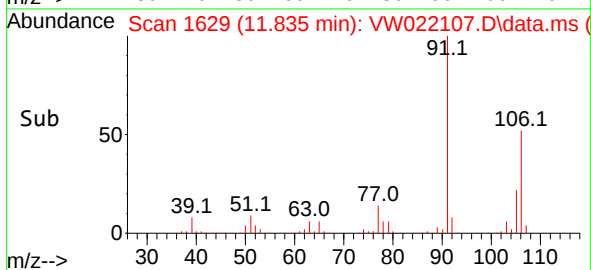
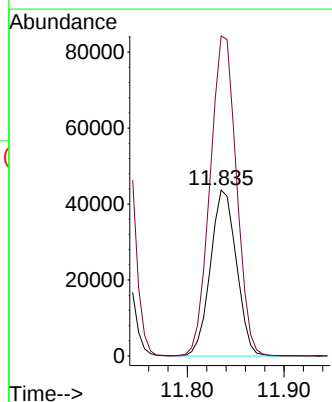
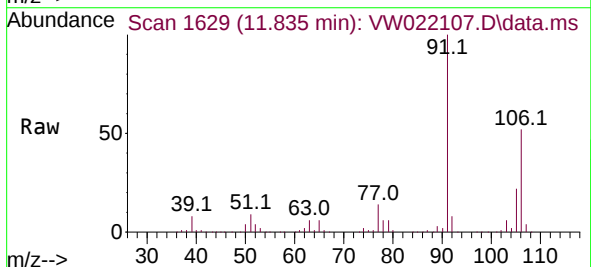
Instrument :
MSVOA_W
ClientSampleId :

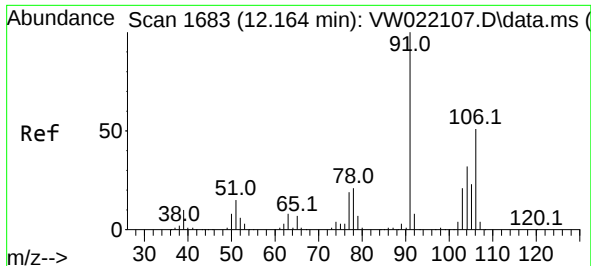
Tgt Ion: 91 Resp: 198895
Ion Ratio Lower Upper
91 100
106 32.6 22.8 42.4



#53
m,p-Xylene
Concen: 23.591 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Tgt Ion:106 Resp: 81522
Ion Ratio Lower Upper
106 100
91 192.9 135.0 250.8

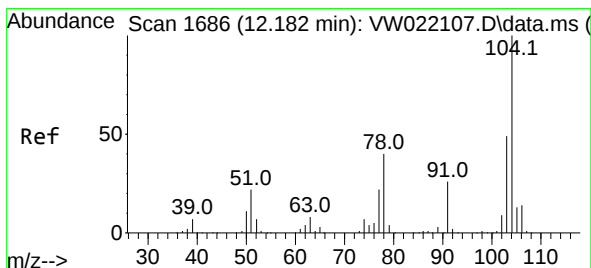
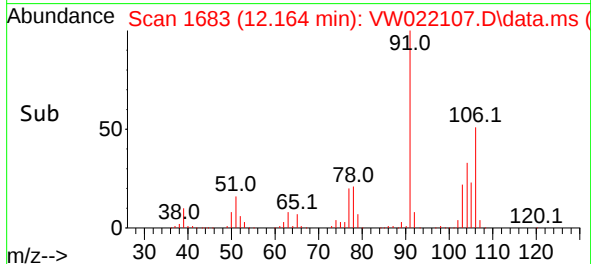
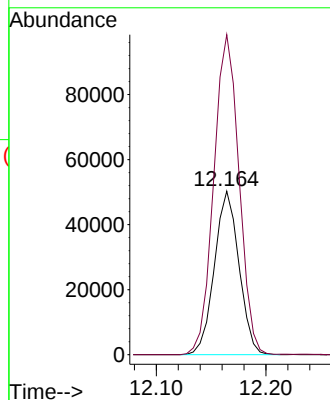
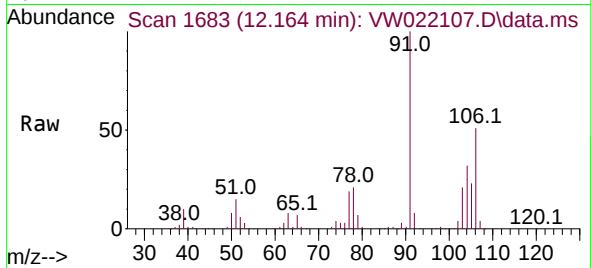




#54
o-Xylene
Concen: 24.079 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

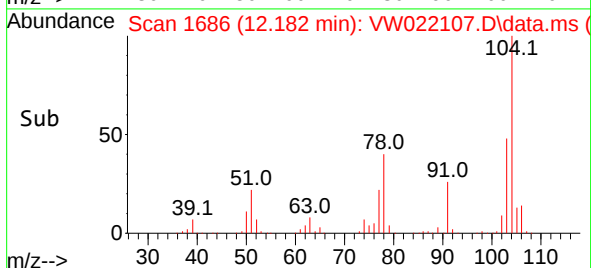
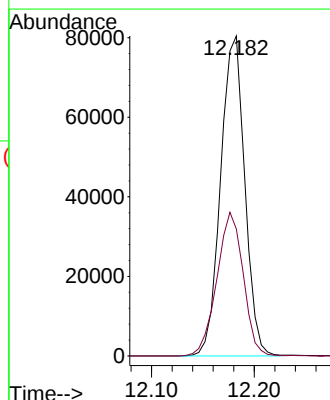
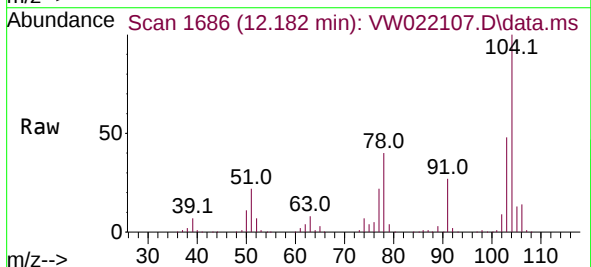
Instrument :
MSVOA_W
ClientSampleId :

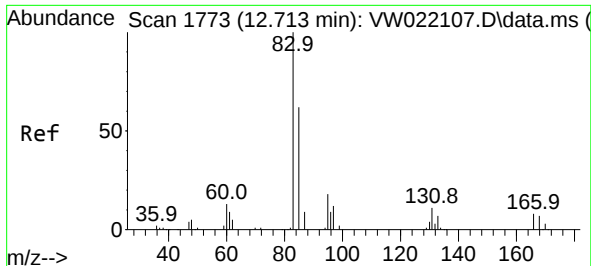
Tgt Ion:106 Resp: 78293
Ion Ratio Lower Upper
106 100
91 195.6 136.9 254.3



#55
Styrene
Concen: 24.042 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Tgt Ion:104 Resp: 131051
Ion Ratio Lower Upper
104 100
78 39.7 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.367 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

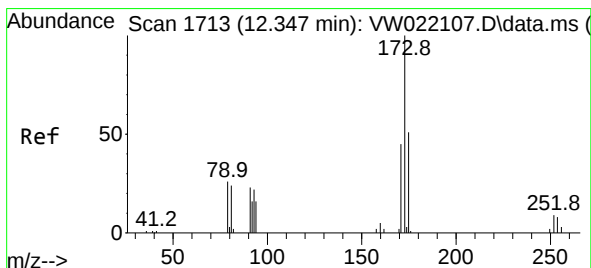
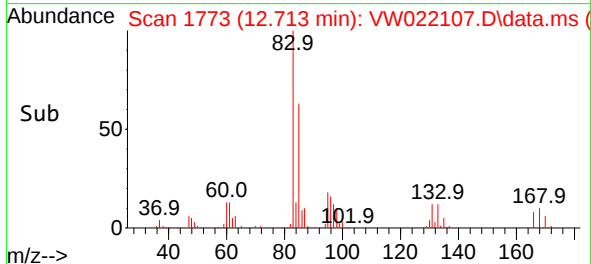
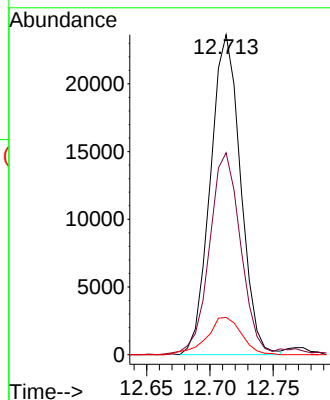
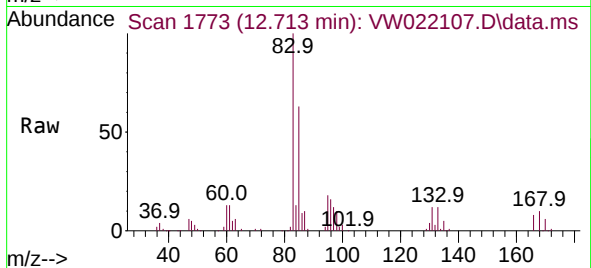
Tgt Ion: 83 Resp: 39214

Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

131 11.7 9.4 14.0



#59

Bromoform

Concen: 22.247 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

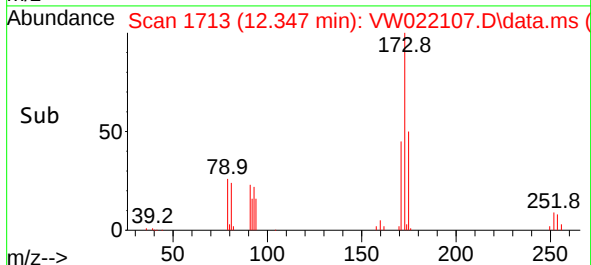
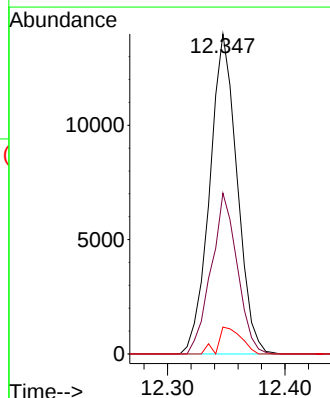
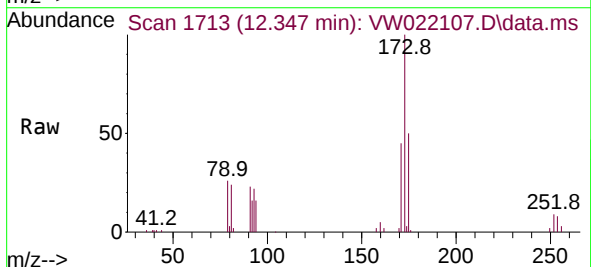
Tgt Ion:173 Resp: 22686

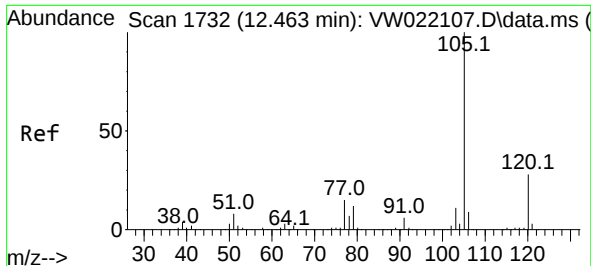
Ion Ratio Lower Upper

173 100

175 47.8 38.2 57.4

254 6.3 5.0 7.6

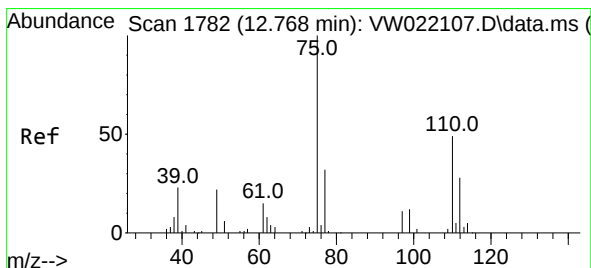
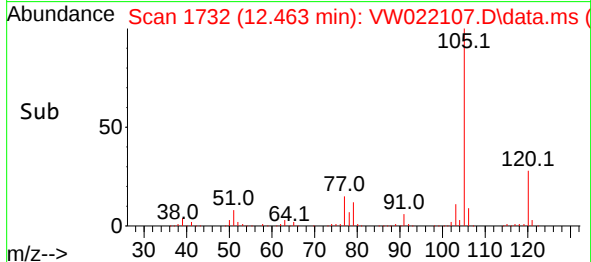
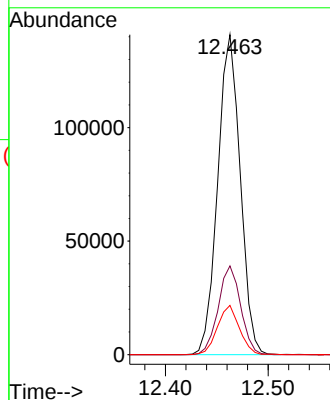
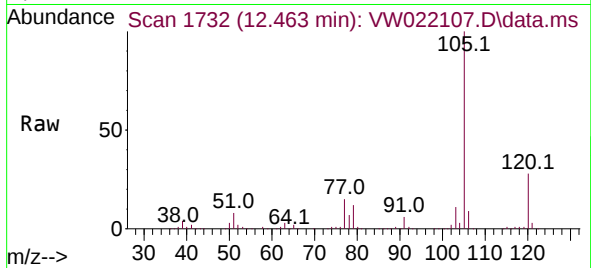




#60
Isopropylbenzene
Concen: 23.146 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

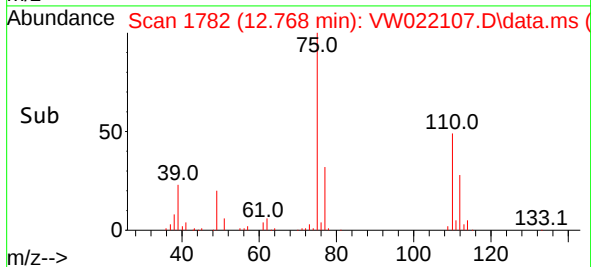
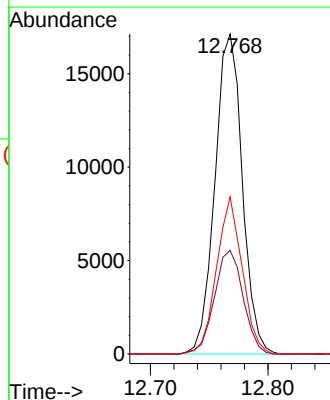
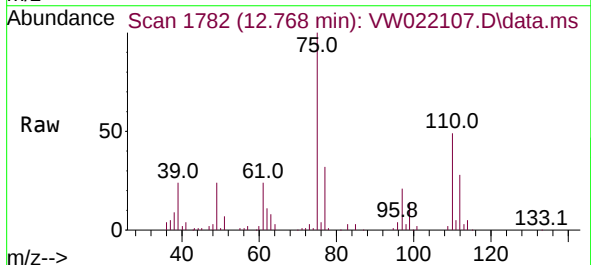
Instrument :
MSVOA_W
ClientSampleId :

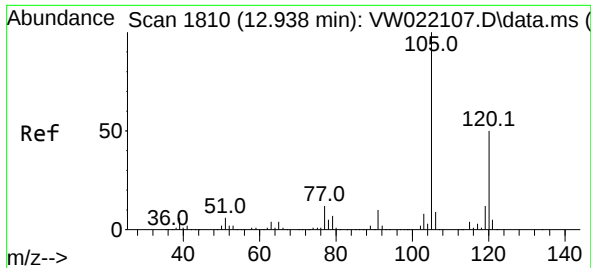
Tgt Ion:105 Resp: 214260
Ion Ratio Lower Upper
105 100
120 27.6 22.1 33.1
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 22.770 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

Tgt Ion: 75 Resp: 27712
Ion Ratio Lower Upper
75 100
77 33.9 27.1 40.7
110 45.9 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 23.505 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

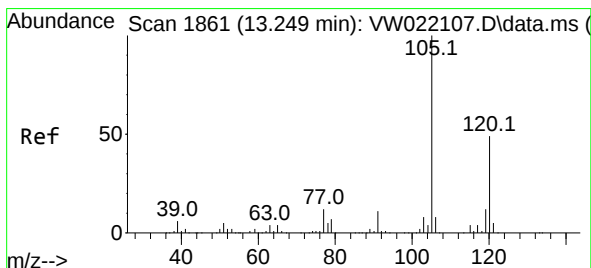
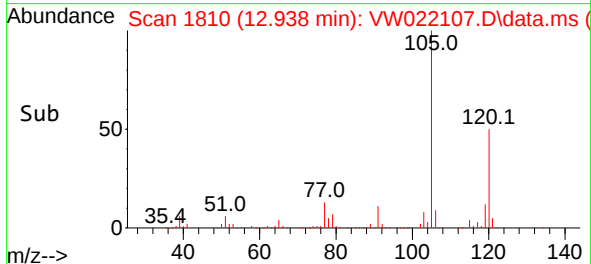
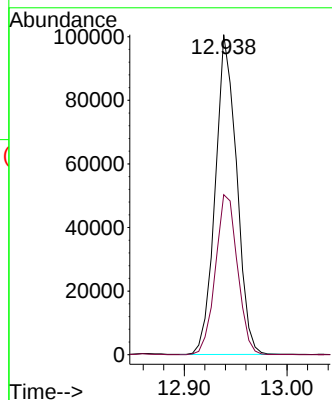
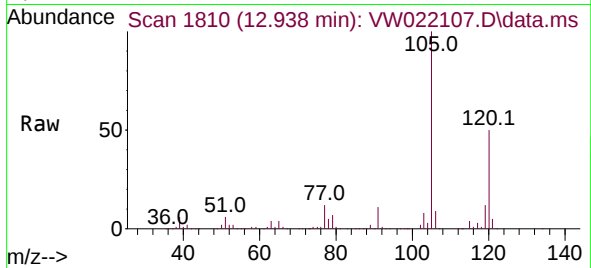
ClientSampleId :

Tgt Ion:105 Resp: 144681

Ion Ratio Lower Upper

105 100

120 51.9 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 23.548 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022107.D

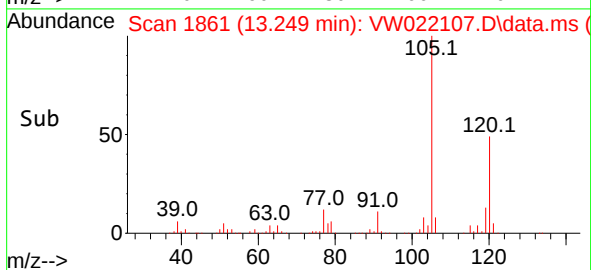
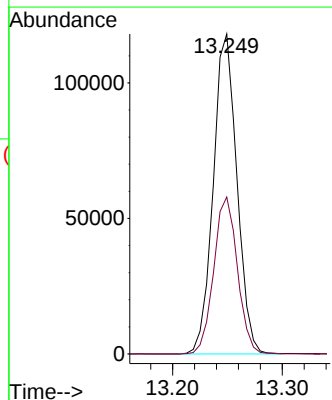
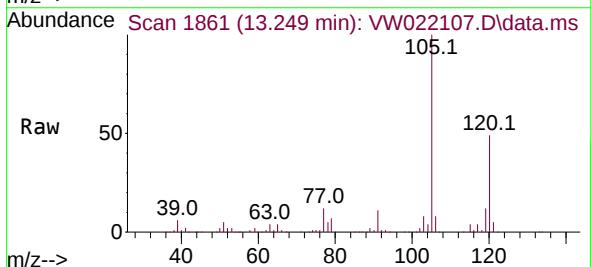
Acq: 23 Feb 2022 14:00

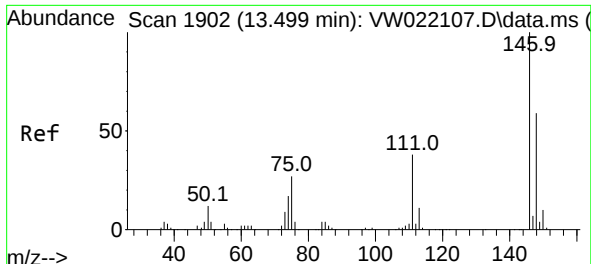
Tgt Ion:105 Resp: 177139

Ion Ratio Lower Upper

105 100

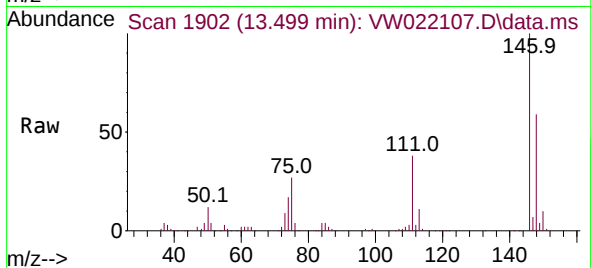
120 49.0 39.2 58.8



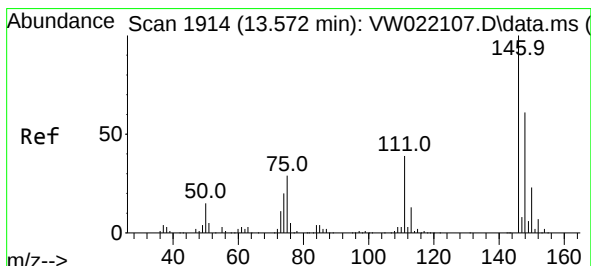
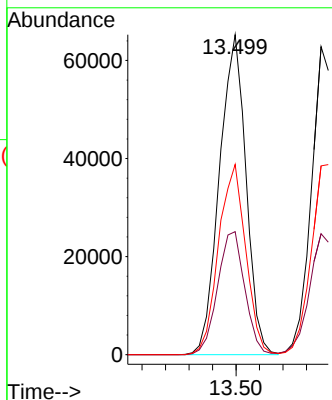
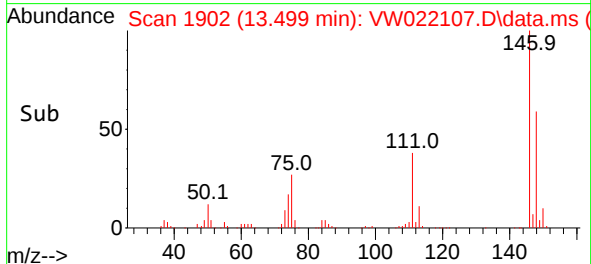


#64
1,3-Dichlorobenzene
Concen: 22.318 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00

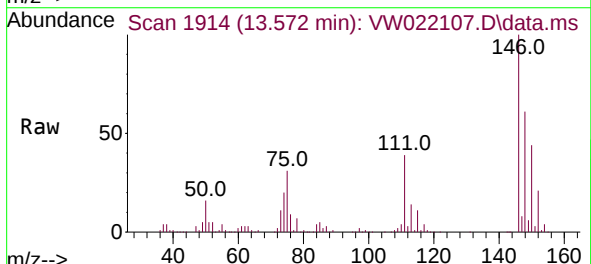
Instrument :
MSVOA_W
ClientSampleId :



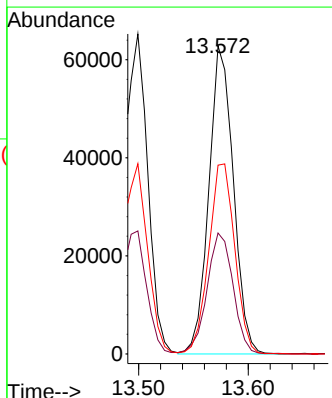
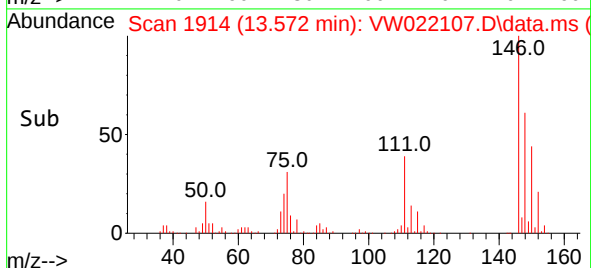
Tgt Ion:146 Resp: 102485
Ion Ratio Lower Upper
146 100
111 38.4 26.9 49.9
148 59.4 41.6 77.2

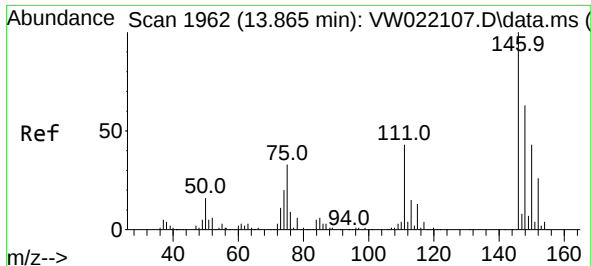


#65
1,4-Dichlorobenzene
Concen: 21.249 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022107.D
Acq: 23 Feb 2022 14:00



Tgt Ion:146 Resp: 97781
Ion Ratio Lower Upper
146 100
111 39.3 27.5 51.1
148 61.3 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 22.765 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

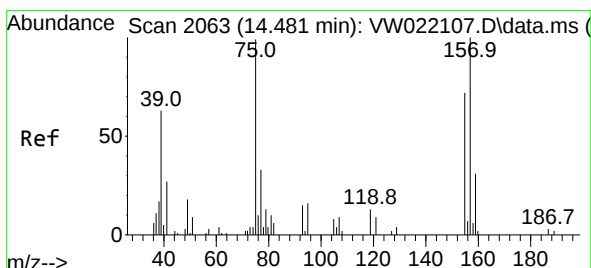
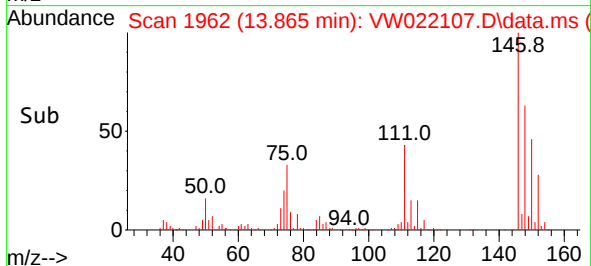
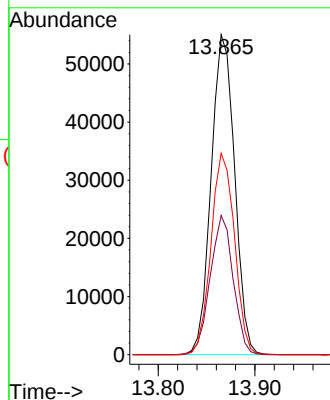
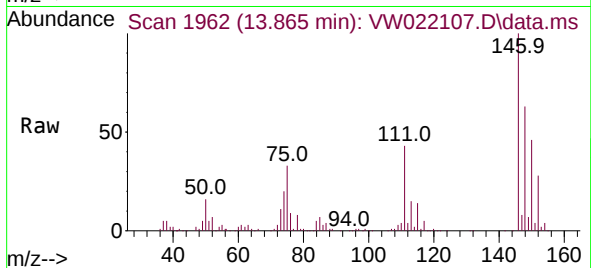
Tgt Ion:146 Resp: 92943

Ion Ratio Lower Upper

146 100

111 43.5 34.8 52.2

148 63.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.651 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

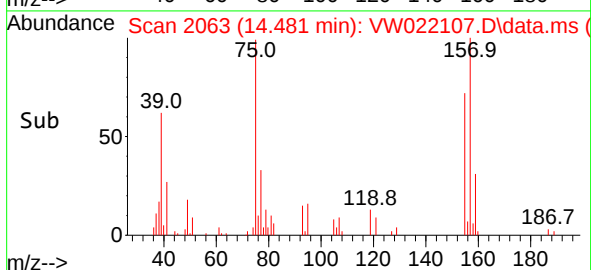
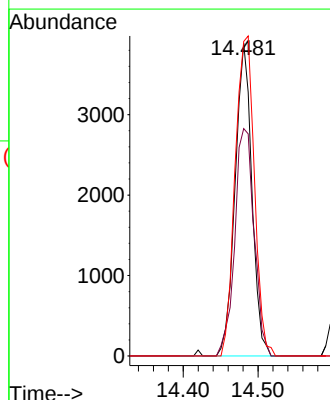
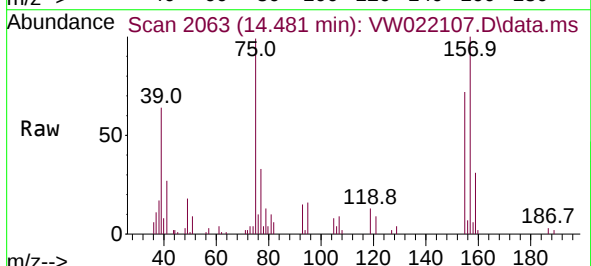
Tgt Ion: 75 Resp: 6087

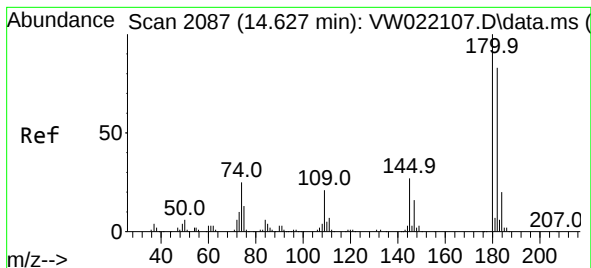
Ion Ratio Lower Upper

75 100

155 72.7 58.2 87.2

157 100.6 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 23.190 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

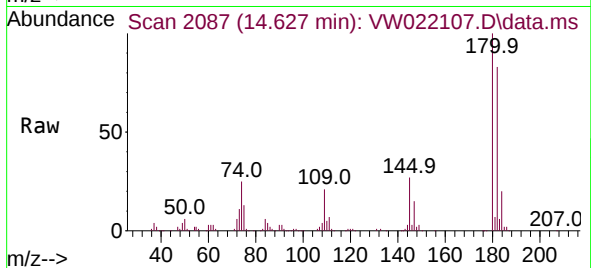
Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 76431

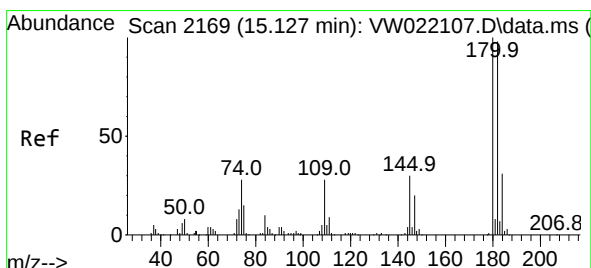
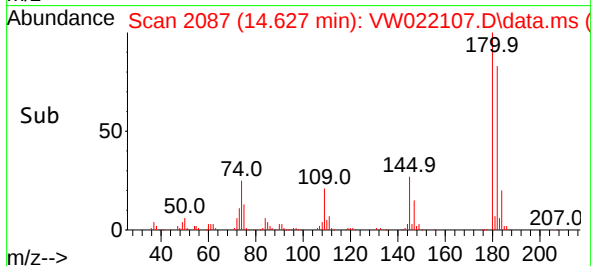
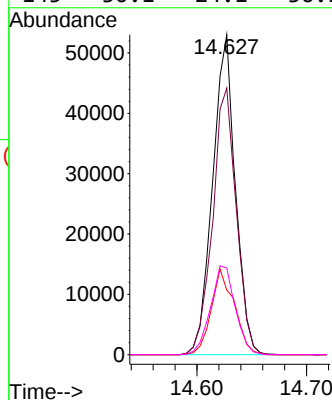
Ion Ratio Lower Upper

180 100

182 86.7 69.4 104.0

184 27.3 21.8 32.8

145 30.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 23.253 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

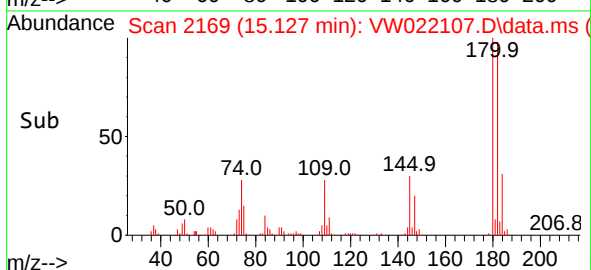
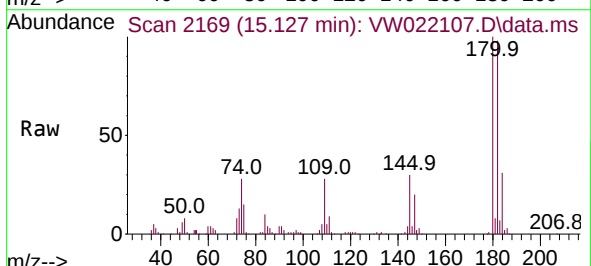
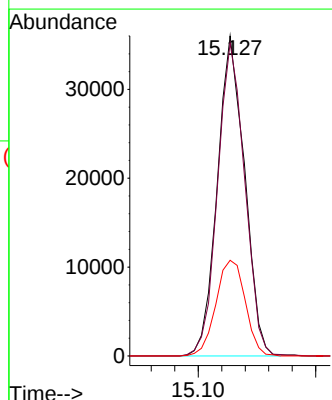
Tgt Ion:180 Resp: 57987

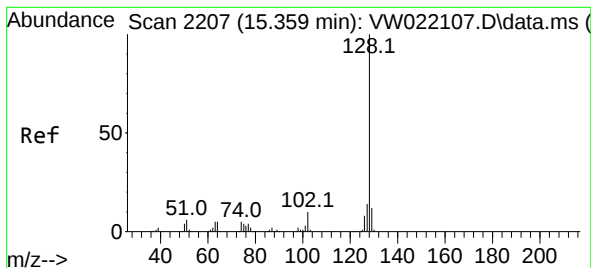
Ion Ratio Lower Upper

180 100

182 97.2 77.8 116.6

145 32.2 25.8 38.6





#71

Naphthalene

Concen: 24.704 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

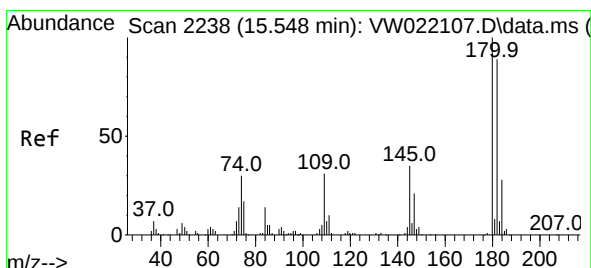
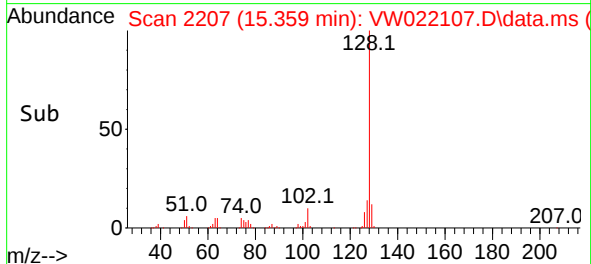
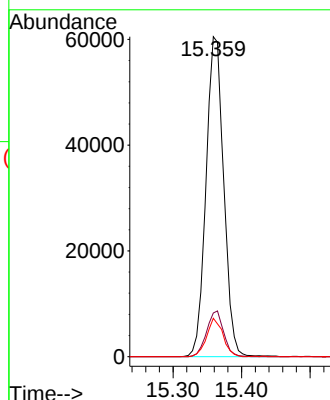
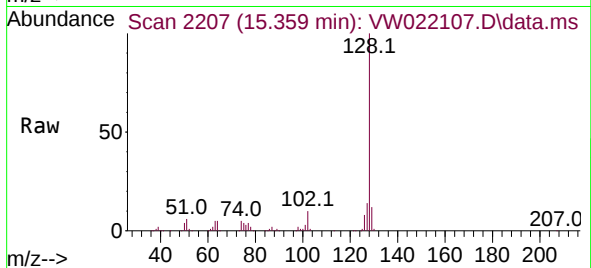
Tgt Ion:128 Resp: 108755

Ion Ratio Lower Upper

128 100

127 13.8 11.0 16.6

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 22.330 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022107.D

Acq: 23 Feb 2022 14:00

Tgt Ion:180 Resp: 48166

Ion Ratio Lower Upper

180 100

182 98.7 79.0 118.4

145 35.0 28.0 42.0

