

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030822\
 Data File : VW022214.D
 Acq On : 08 Mar 2022 09:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 09 00:14:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 08 00:21:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	143507	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	133373	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78650	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	52487	28.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.160%	
7) Chloroethane-d5	2.879	69	37927	25.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.000%	
11) 1,1-Dichloroethene-d2	4.019	63	70723	24.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.680%	
21) 2-Butanone-d5	7.074	46	14976	47.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.180%	
24) Chloroform-d	7.647	84	87270	27.256	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.040%	
26) 1,2-Dichloroethane-d4	8.305	65	41763	25.093	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.360%	
32) Benzene-d6	8.275	84	165330	26.635	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.560%	
36) 1,2-Dichloropropane-d6	9.274	67	45970	26.668	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.680%	
41) Toluene-d8	10.323	98	164176	26.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.400%	
43) trans-1,3-Dichloroprop...	10.573	79	19561	25.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.360%	
47) 2-Hexanone-d5	10.920	63	13246	46.721	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.440%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	38553	25.484	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.920%	
66) 1,2-Dichlorobenzene-d4	13.853	152	64277	25.444	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11922	29.726	ug/L	99
3) Chloromethane	2.215	50	34627	25.196	ug/L	99
5) Vinyl chloride	2.361	62	52060	25.211	ug/L	99
6) Bromomethane	2.776	94	33299	23.090	ug/L	94
8) Chloroethane	2.916	64	30093	25.942	ug/L	97
9) Trichlorofluoromethane	3.251	101	37203	26.536	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	45453	26.574	ug/L #	44
12) 1,1-Dichloroethene	4.037	96	35863	24.192	ug/L	98
13) Acetone	4.129	43	15741	61.239	ug/L	98
14) Carbon disulfide	4.379	76	75393	19.616	ug/L	100
15) Methyl Acetate	4.665	43	13073	22.591	ug/L	96
16) Methylene chloride	4.909	84	40556	23.024	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	39810	24.450	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	54613	24.653	ug/L	99
19) 1,1-Dichloroethane	6.214	63	71572	27.152	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	45848	25.993	ug/L	97
22) 2-Butanone	7.165	43	20297	54.970	ug/L	99
23) Bromochloromethane	7.513	128	21854	25.364	ug/L	95
25) Chloroform	7.671	83	84129	27.353	ug/L	97

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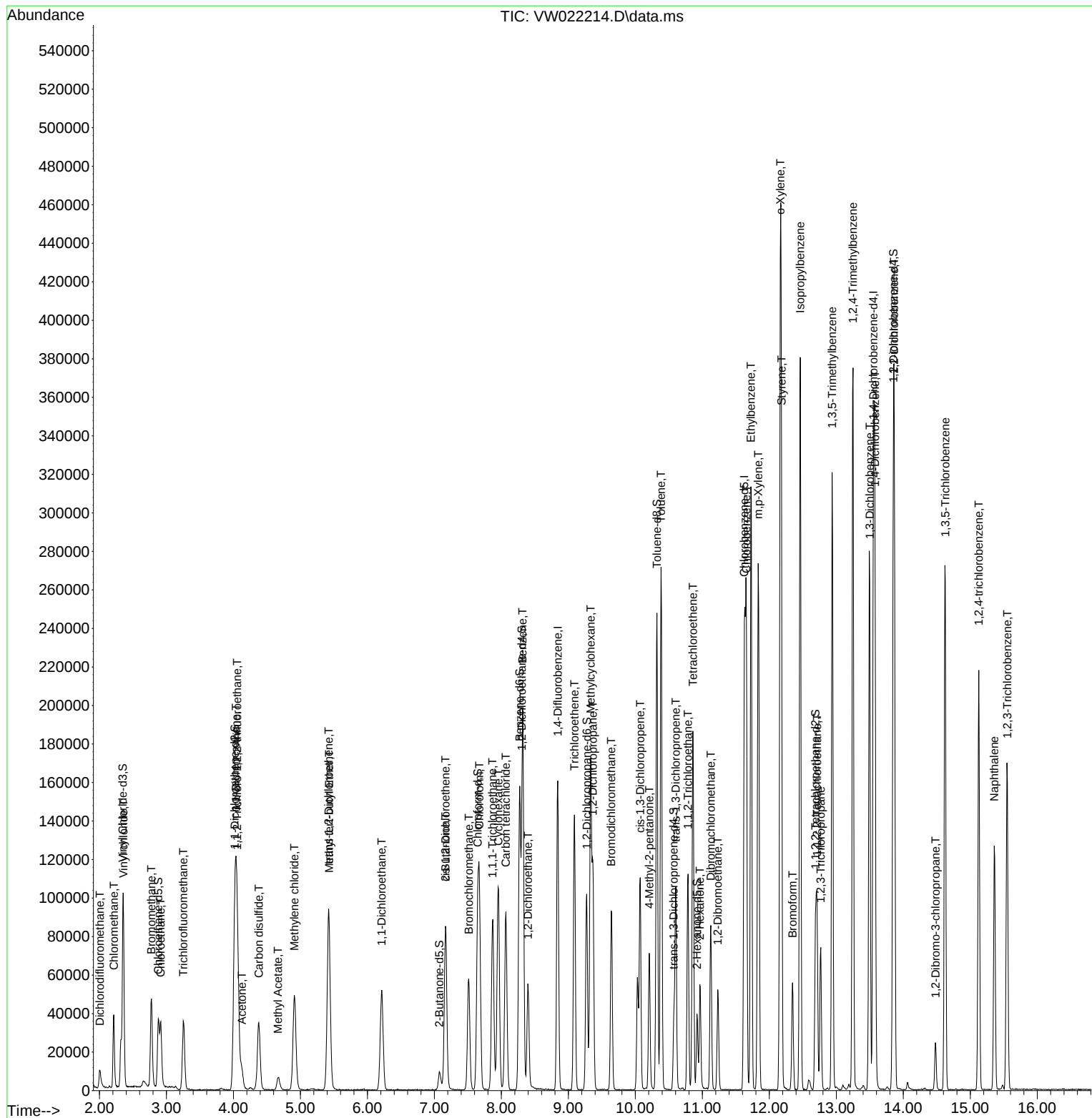
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27) 1,2-Dichloroethane	8.396	62	49070	25.902	ug/L	99
29) Cyclohexane	7.958	56	54630	24.613	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	71737	26.734	ug/L	99
31) Carbon tetrachloride	8.067	117	68150	26.723	ug/L	97
33) Benzene	8.317	78	169446	26.278	ug/L	100
34) Trichloroethene	9.091	95	47948	25.970	ug/L	96
35) Methylcyclohexane	9.335	83	72117	25.253	ug/L	99
37) 1,2-Dichloropropane	9.366	63	40704	27.058	ug/L	98
38) Bromodichloromethane	9.640	83	60250	27.929	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	63552	27.792	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	41824	51.483	ug/L	99
42) Toluene	10.384	91	198795	27.239	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	55927	27.217	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	35042	26.269	ug/L	96
46) Tetrachloroethene	10.859	164	41213	25.482	ug/L #	84
48) 2-Hexanone	10.963	43	32599	57.815	ug/L	96
49) Dibromochloromethane	11.128	129	44875	27.695	ug/L	99
50) 1,2-Dibromoethane	11.231	107	32734	25.441	ug/L #	97
51) Chlorobenzene	11.658	112	138219	27.213	ug/L	98
52) Ethylbenzene	11.725	91	227063	28.112	ug/L	99
53) m,p-Xylene	11.835	106	93637	28.174	ug/L	99
54) o-Xylene	12.164	106	88619	28.338	ug/L	99
55) Styrene	12.182	104	152490	29.087	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	41043	26.518	ug/L	96
59) Bromoform	12.347	173	24612	23.664	ug/L #	97
60) Isopropylbenzene	12.463	105	250209	26.501	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	28659	23.087	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	166453	26.513	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	207778	27.081	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	116686	24.914	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	115486	24.606	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	108674	26.098	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	5936	22.620	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.627	180	87930	26.157	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	66454	26.127	ug/L	99
71) Naphthalene	15.359	128	110370	24.581	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	56594	25.724	ug/L	99

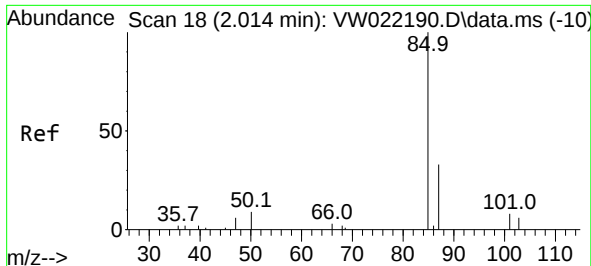
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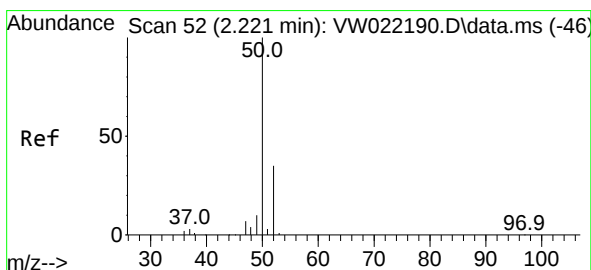
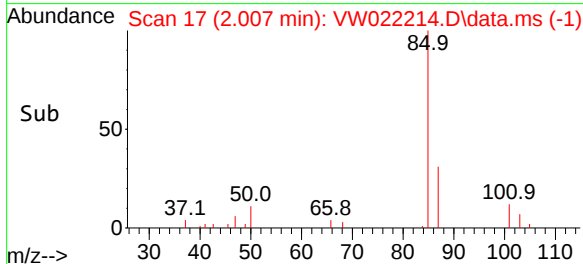
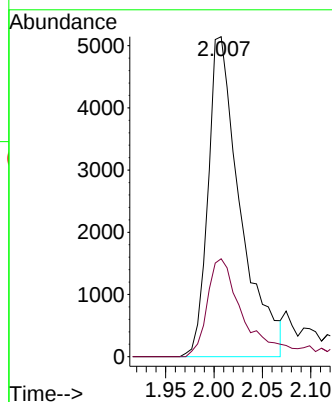
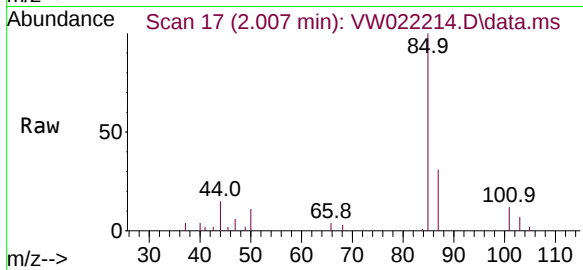




#2
 Dichlorodifluoromethane
 Concen: 29.726 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW022214.D
 Acq: 08 Mar 2022 09:00

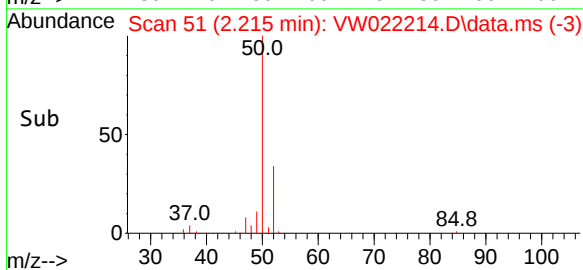
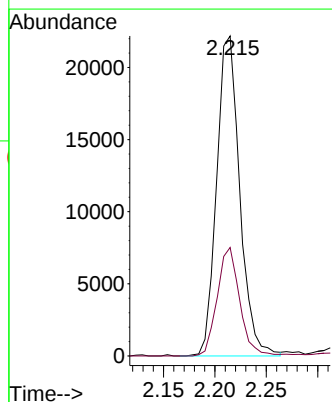
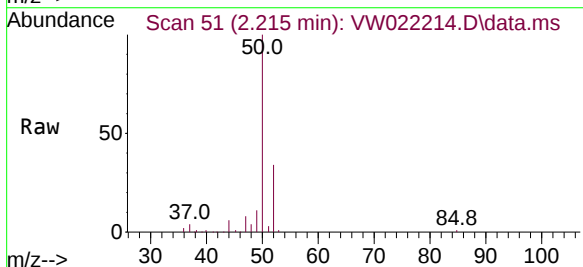
Instrument :
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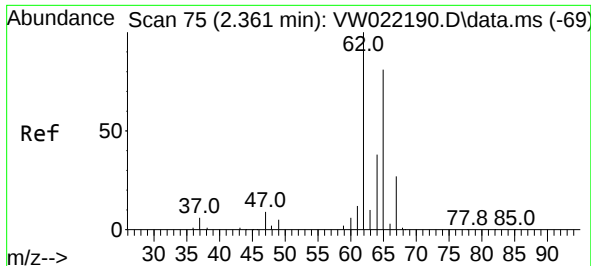
Tgt Ion: 85 Resp: 11922
 Ion Ratio Lower Upper
 85 100
 87 33.9 27.6 41.4



#3
 Chloromethane
 Concen: 25.196 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW022214.D
 Acq: 08 Mar 2022 09:00

Tgt Ion: 50 Resp: 34627
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.9 44.5

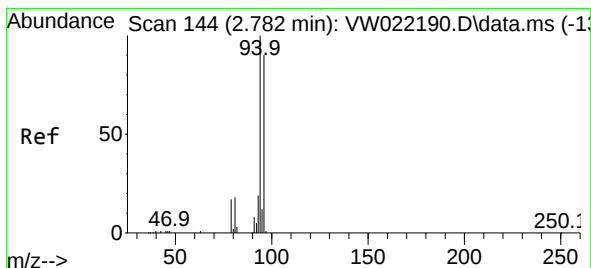
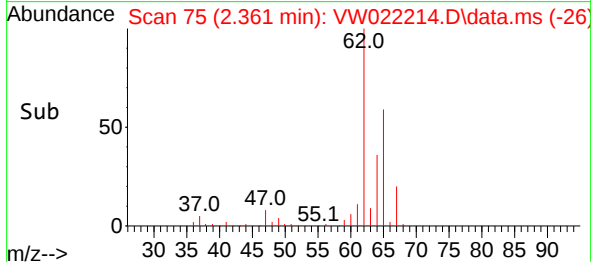
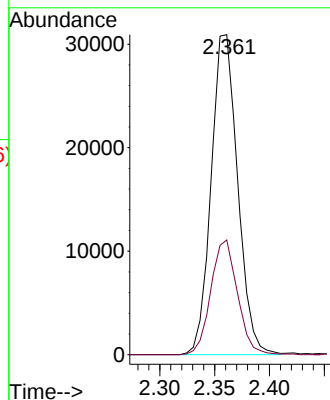
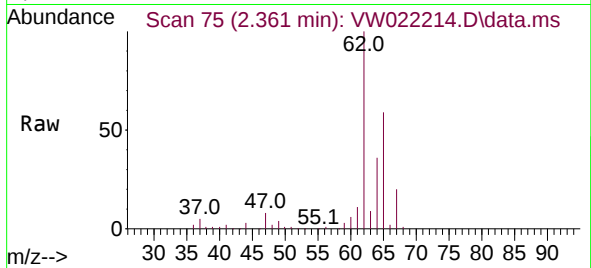




#5
 Vinyl chloride
 Concen: 25.211 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW022214.D
 Acq: 08 Mar 2022 09:00

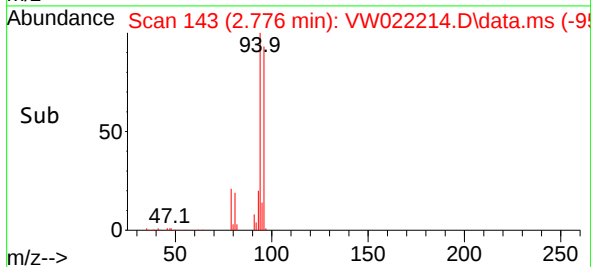
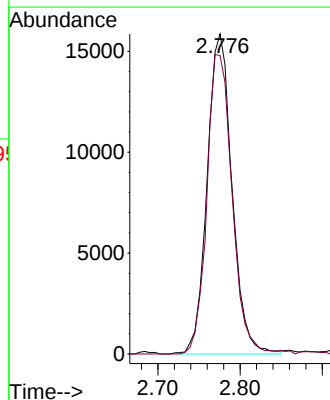
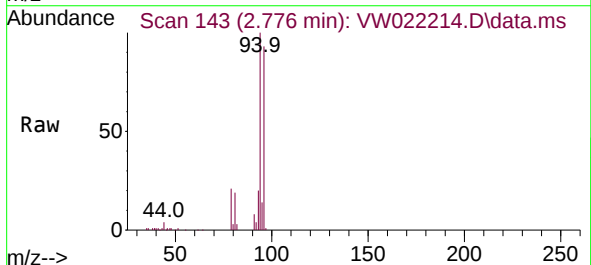
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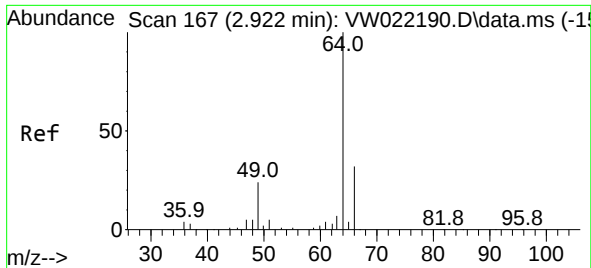
Tgt Ion: 62 Resp: 52060
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.7 45.9



#6
 Bromomethane
 Concen: 23.090 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022214.D
 Acq: 08 Mar 2022 09:00

Tgt Ion: 94 Resp: 33299
 Ion Ratio Lower Upper
 94 100
 96 93.3 61.2 113.8





#8

Chloroethane

Concen: 25.942 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

Instrument :

MSVOA_W

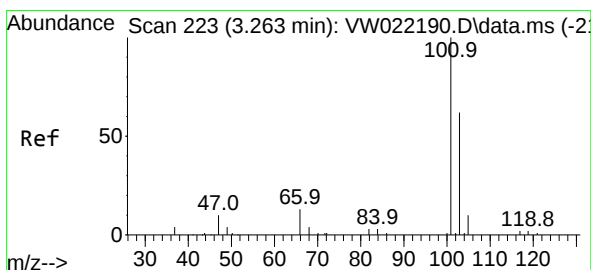
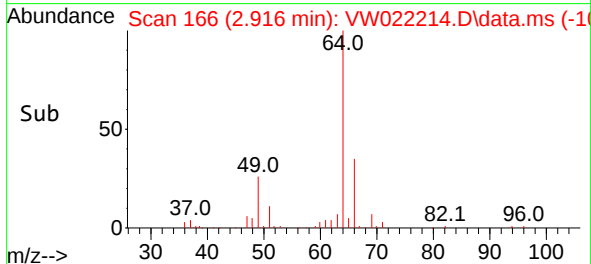
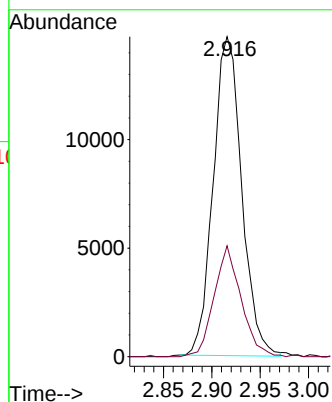
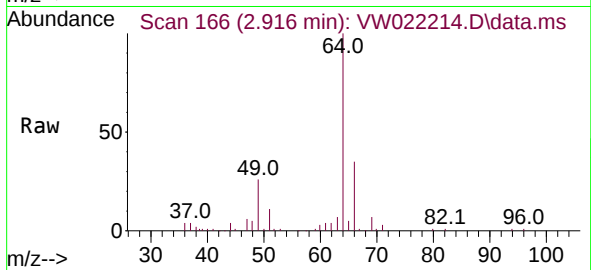
ClientSampleId :

Tgt Ion: 64 Resp: 30093

Ion Ratio Lower Upper

64 100

66 34.7 23.2 43.0



#9

Trichlorofluoromethane

Concen: 26.536 ug/L

RT: 3.251 min Scan# 221

Delta R.T. -0.012 min

Lab File: VW022214.D

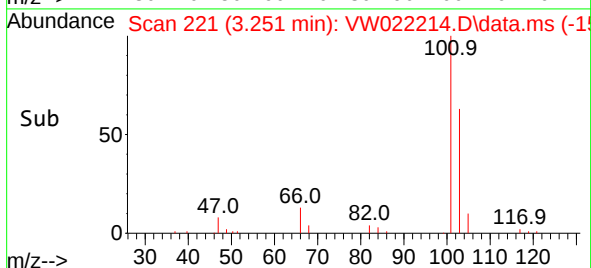
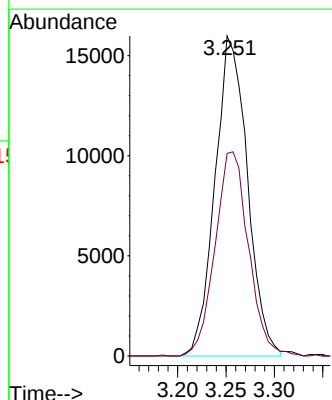
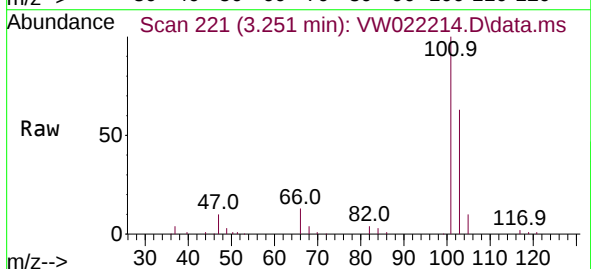
Acq: 08 Mar 2022 09:00

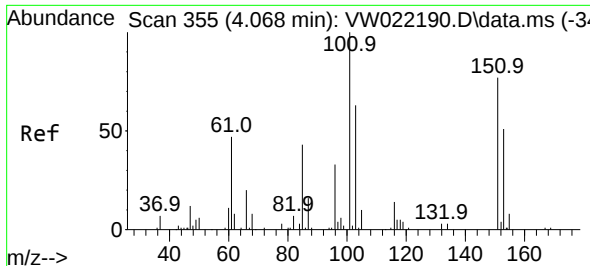
Tgt Ion: 101 Resp: 37203

Ion Ratio Lower Upper

101 100

103 65.8 53.2 79.8

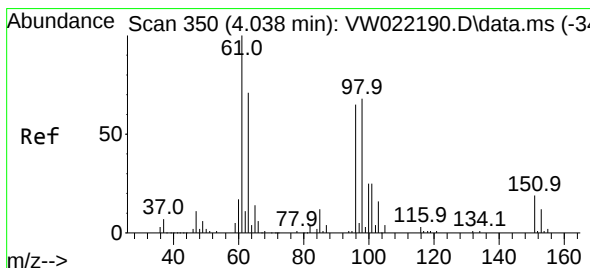
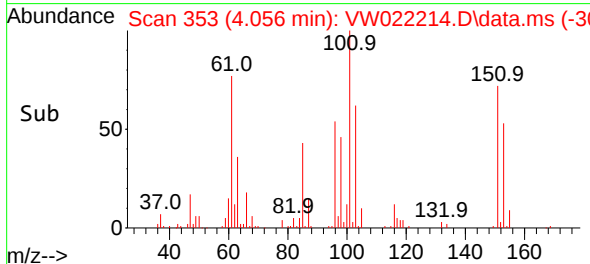
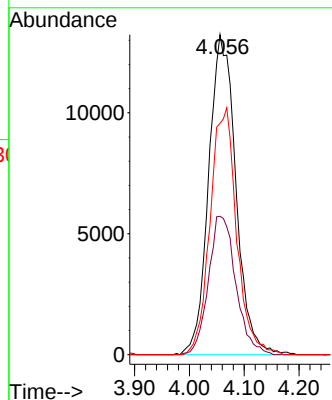
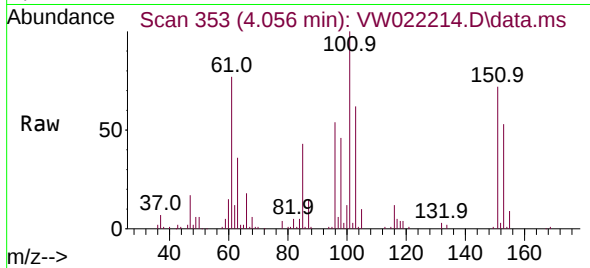




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.574 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW022214.D
 Acq: 08 Mar 2022 09:00

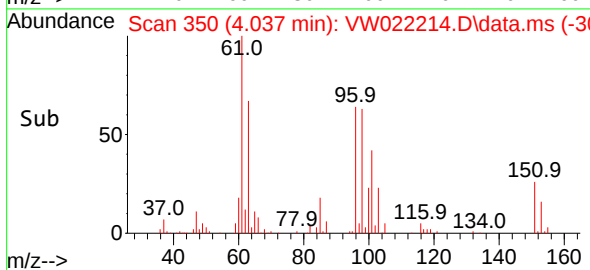
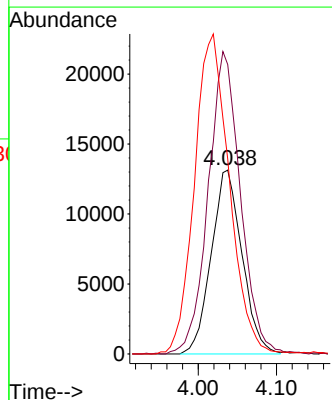
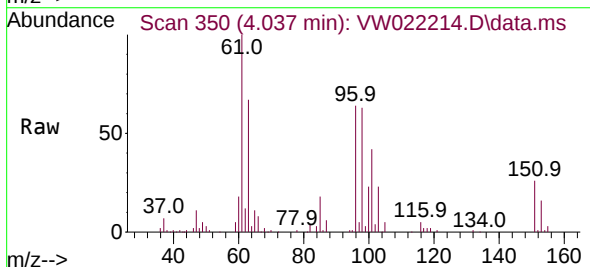
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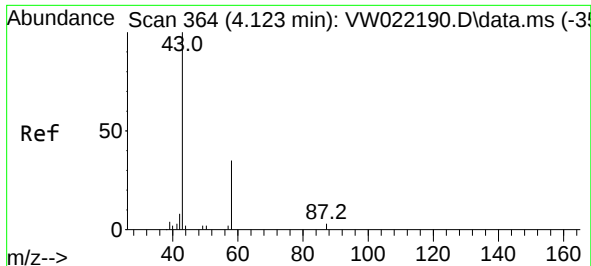
Tgt Ion:101 Resp: 45453
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.4 51.6
 151 0.0 59.0 88.4#



#12
 1,1-Dichloroethene
 Concen: 24.192 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022214.D
 Acq: 08 Mar 2022 09:00

Tgt Ion: 96 Resp: 35863
 Ion Ratio Lower Upper
 96 100
 61 157.4 108.4 201.2
 63 106.1 72.0 133.6

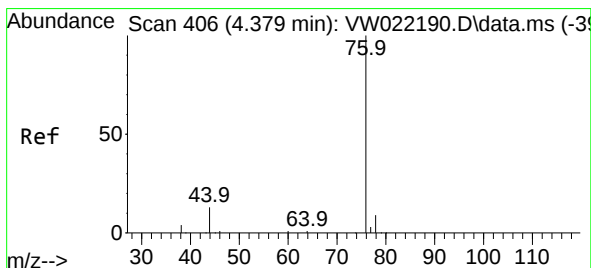
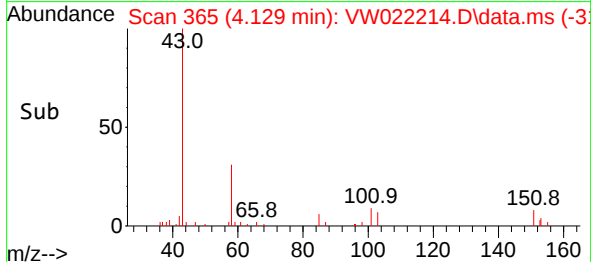
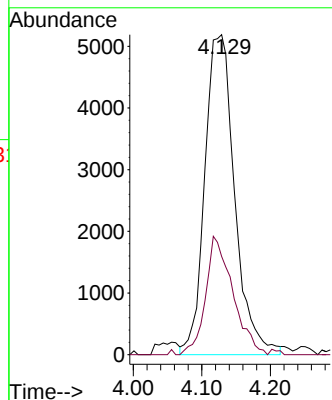
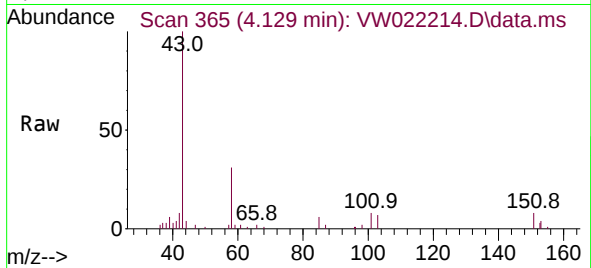




#13
Acetone
Concen: 61.239 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW022214.D
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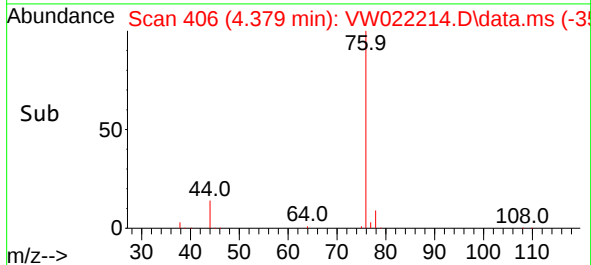
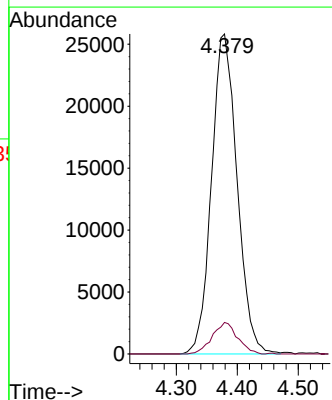
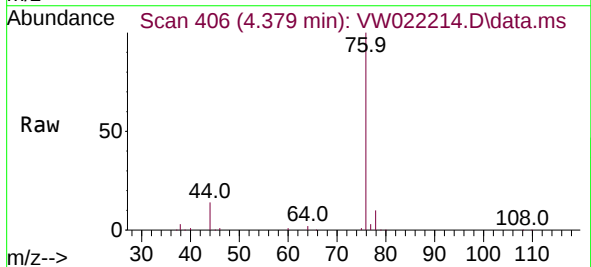
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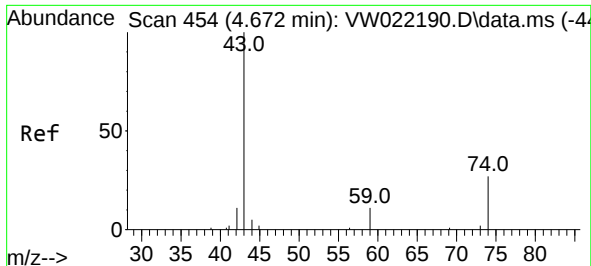
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Ion Ratio Lower Upper
43 100
58 33.6 0.0 69.2



#14
Carbon disulfide
Concen: 19.616 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion: 76 Resp: 75393
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8

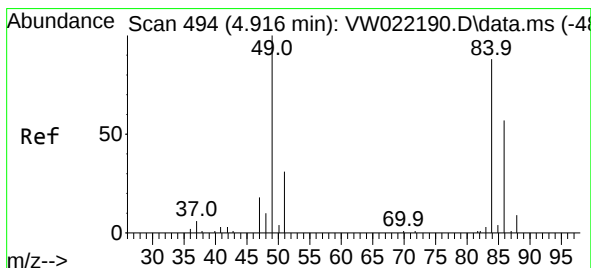
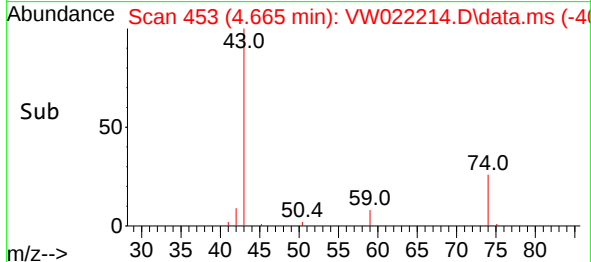
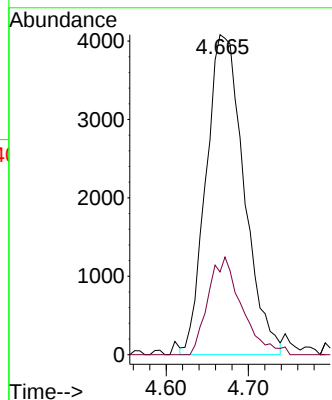
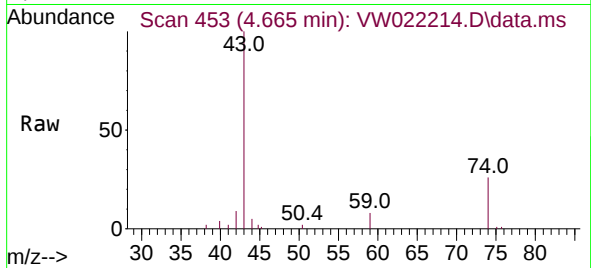




#15
Methyl Acetate
Concen: 22.591 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

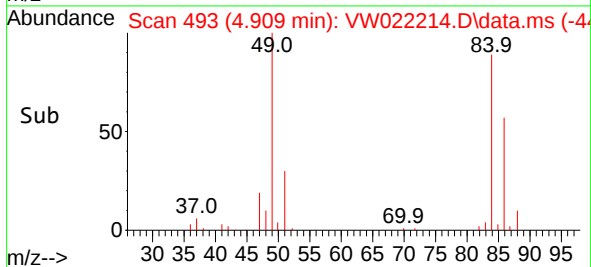
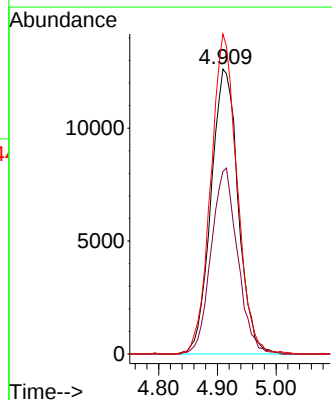
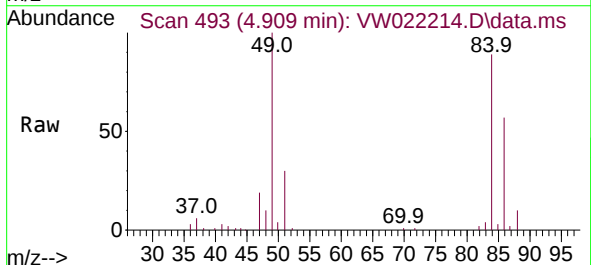
Instrument :
MSVOA_W
ClientSampleId :

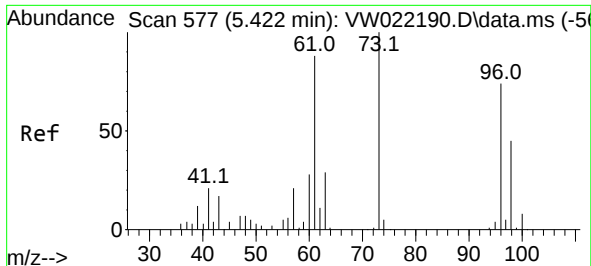
Tgt Ion: 43 Resp: 13073
Ion Ratio Lower Upper
43 100
74 26.8 23.0 34.6



#16
Methylene chloride
Concen: 23.024 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion: 84 Resp: 40556
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.0
49 112.4 73.8 137.0

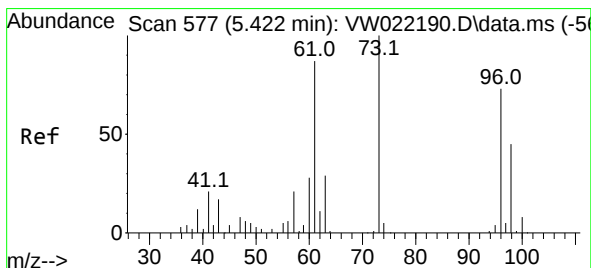
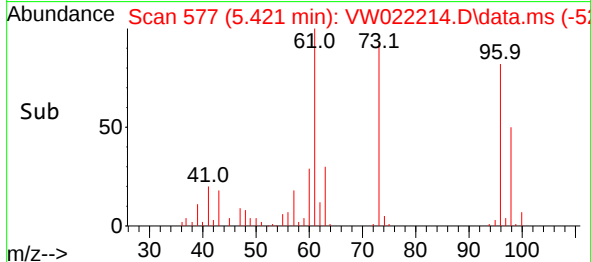
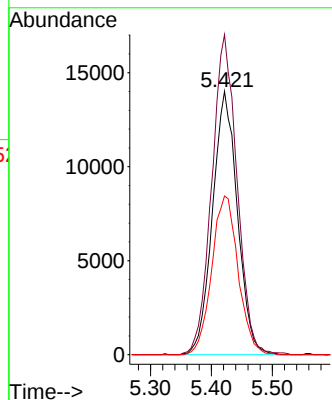
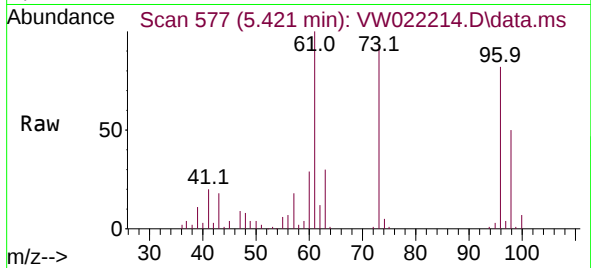




#17
trans-1,2-Dichloroethene
Concen: 24.450 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

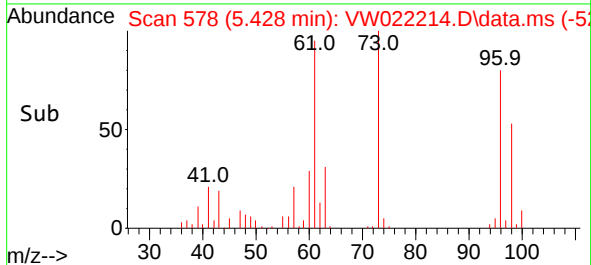
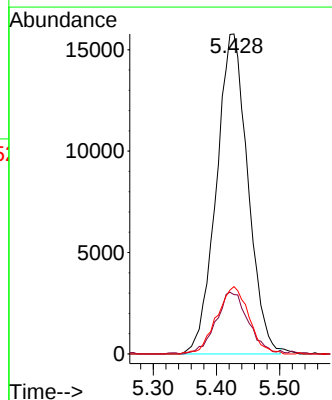
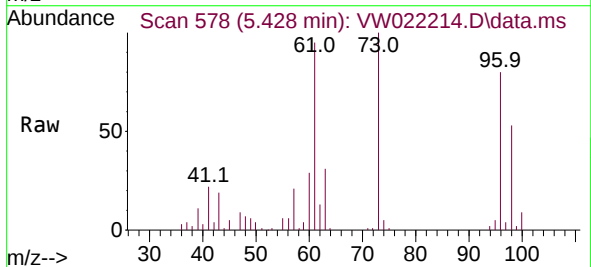
Instrument :
MSVOA_W
ClientSampleId :

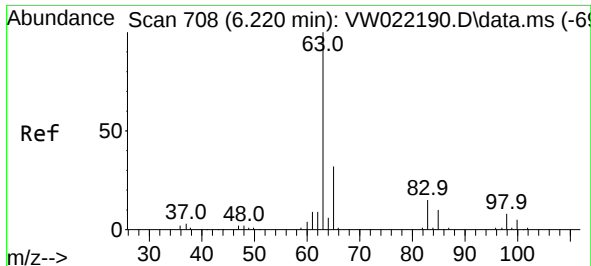
Tgt Ion: 96 Resp: 39810
Ion Ratio Lower Upper
96 100
61 121.5 87.3 162.1
98 60.3 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 24.653 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion: 73 Resp: 54613
Ion Ratio Lower Upper
73 100
43 19.7 15.4 23.2
57 21.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 27.152 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022214.D

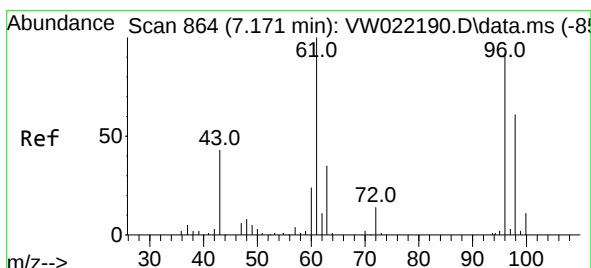
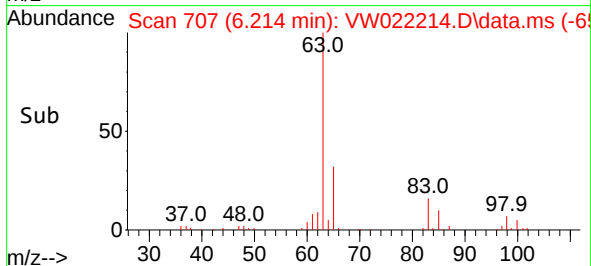
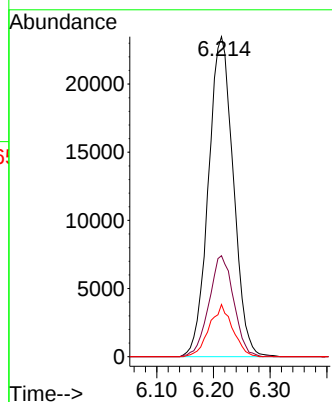
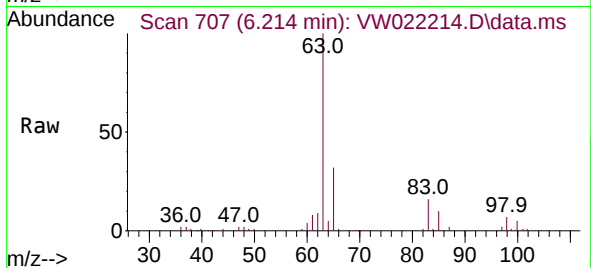
Acq: 08 Mar 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	71572
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.5	41.9
83	16.3	11.5	21.5



#20

cis-1,2-Dichloroethene

Concen: 25.993 ug/L

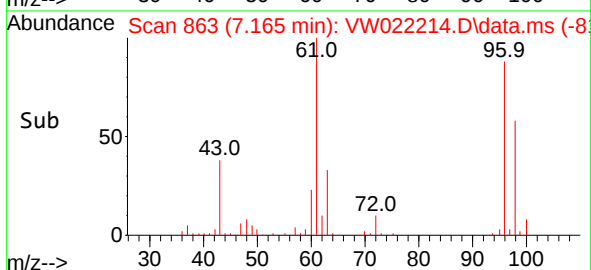
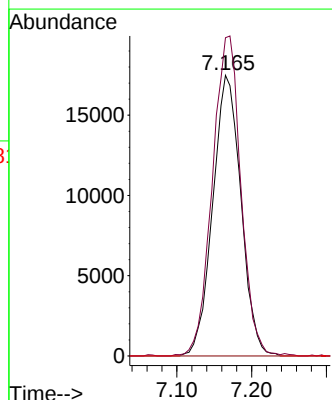
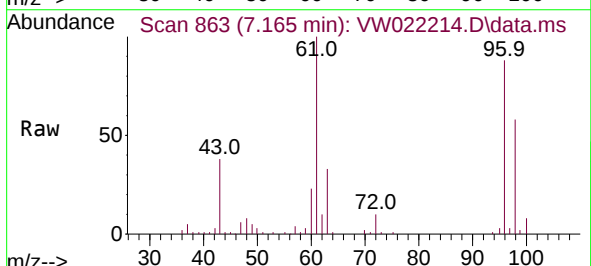
RT: 7.165 min Scan# 863

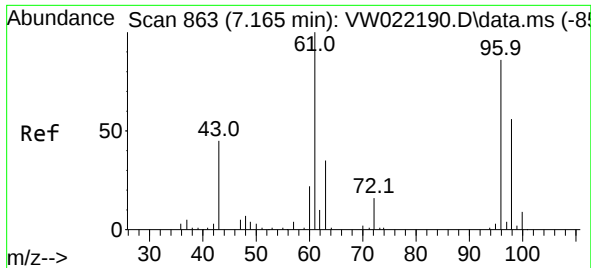
Delta R.T. -0.006 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

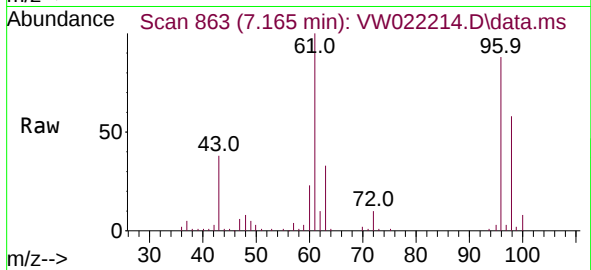
Tgt Ion:	96	Resp:	45848
Ion	Ratio	Lower	Upper
96	100		
61	113.4	76.8	142.6
68	0.0	0.0	0.0



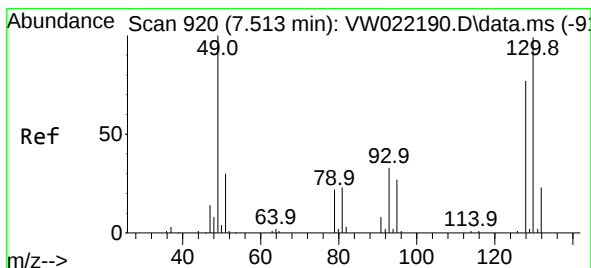
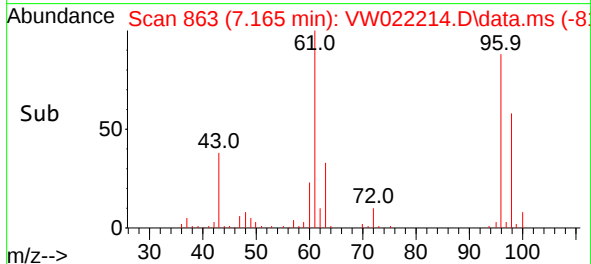
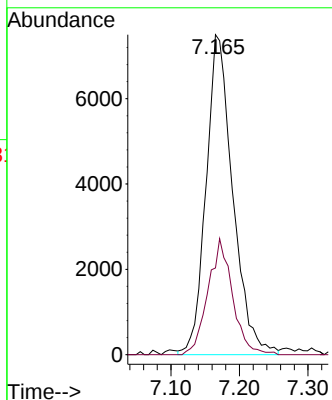


#22
2-Butanone
Concen: 54.970 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Instrument :
MSVOA_W
ClientSampleId :

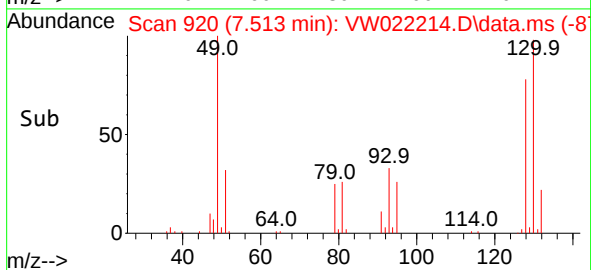
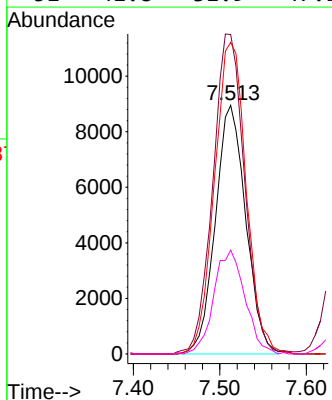
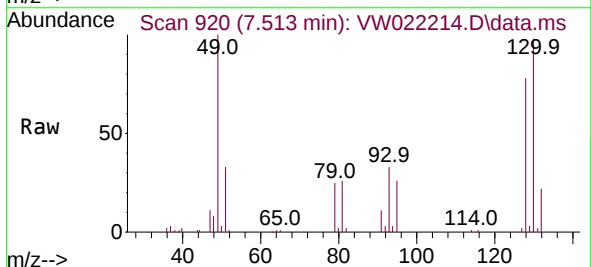


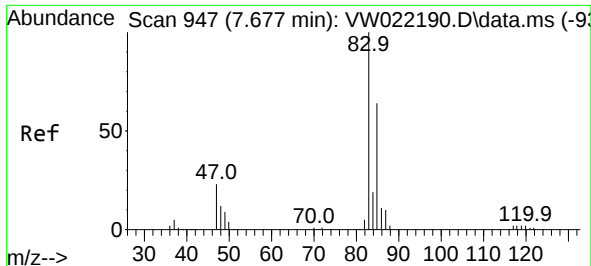
Tgt Ion: 43 Resp: 20297
Ion Ratio Lower Upper
43 100
72 33.2 17.0 51.0



#23
Bromochloromethane
Concen: 25.364 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion: 128 Resp: 21854
Ion Ratio Lower Upper
128 100
49 128.4 84.2 156.4
130 125.3 84.8 157.4
51 41.8 31.9 47.9

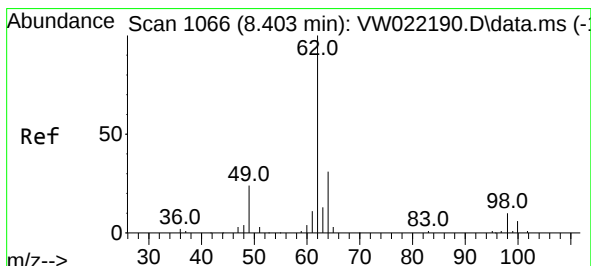
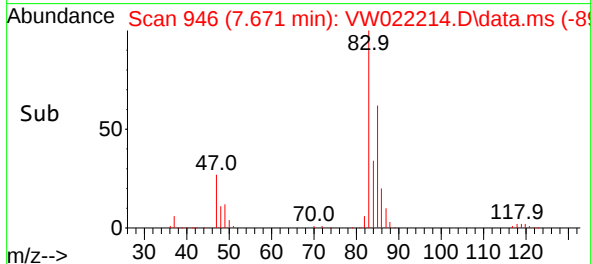
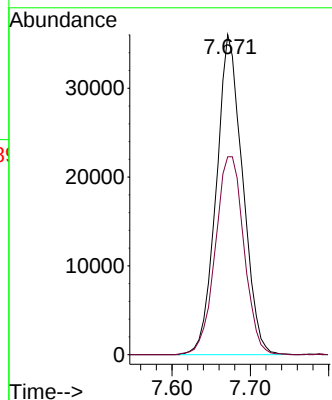
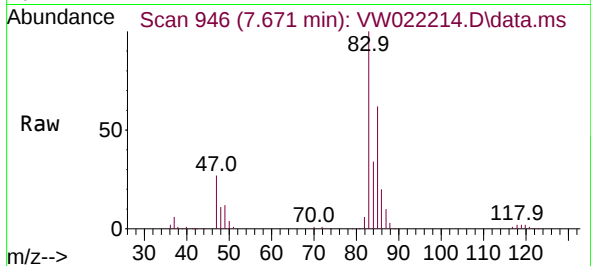




#25
Chloroform
Concen: 27.353 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

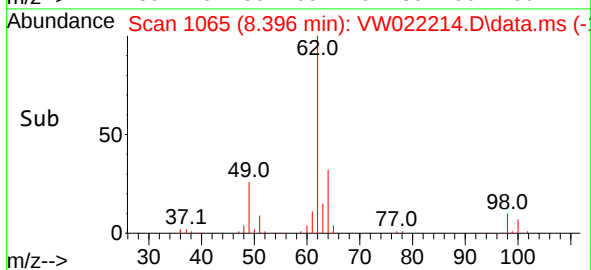
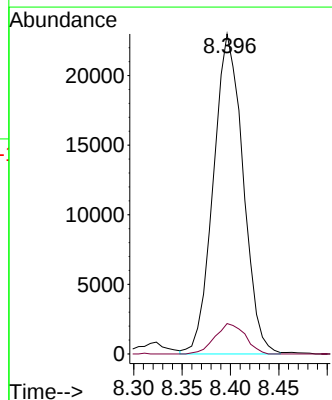
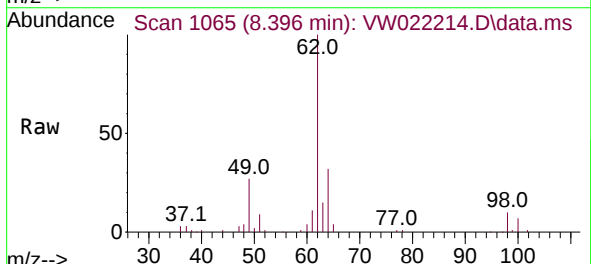
Instrument :
MSVOA_W
ClientSampleId :

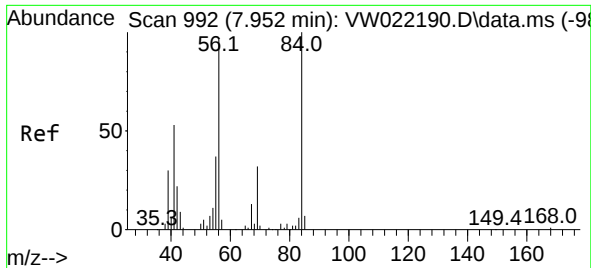
Tgt Ion: 83 Resp: 84129
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.9



#27
1,2-Dichloroethane
Concen: 25.902 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion: 62 Resp: 49070
Ion Ratio Lower Upper
62 100
98 9.5 7.9 11.9

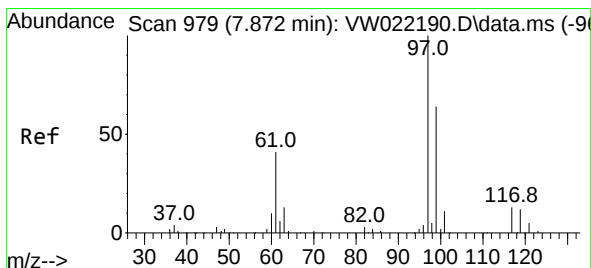
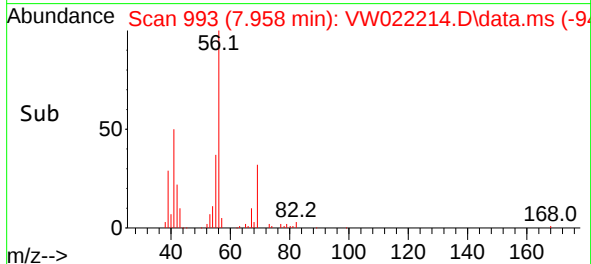
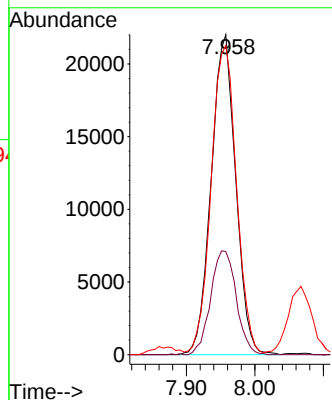
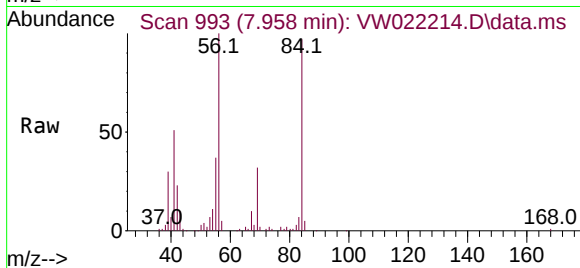




#29
Cyclohexane
Concen: 24.613 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

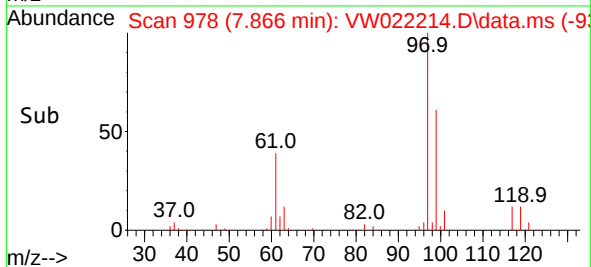
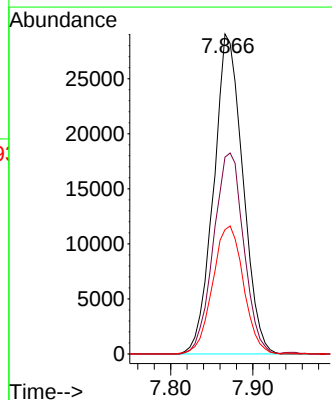
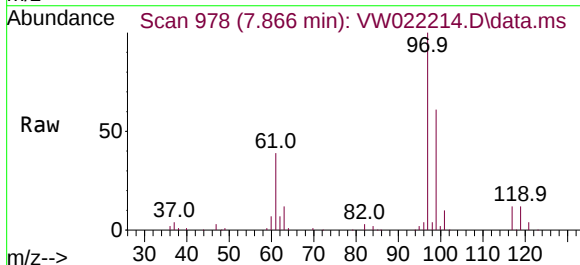
Instrument :
MSVOA_W
ClientSampleId :

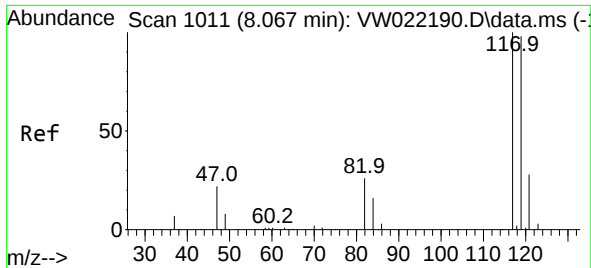
Tgt Ion: 56 Resp: 54630
Ion Ratio Lower Upper
56 100
69 33.9 26.3 39.5
84 100.3 81.4 122.2



#30
1,1,1-Trichloroethane
Concen: 26.734 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion: 97 Resp: 71737
Ion Ratio Lower Upper
97 100
99 65.1 52.6 78.8
61 42.2 33.0 49.6

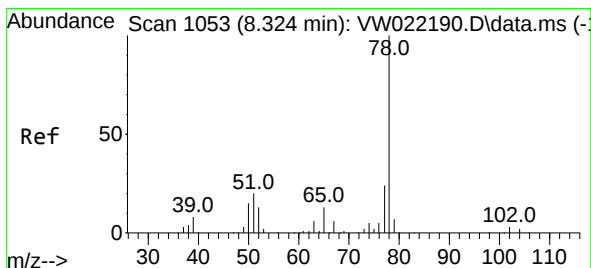
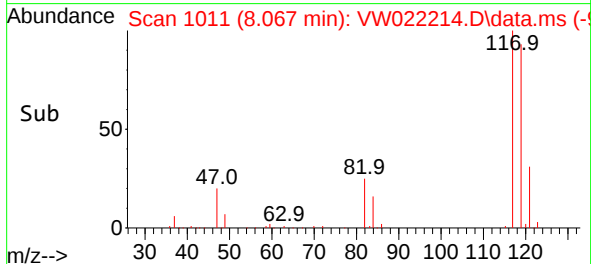
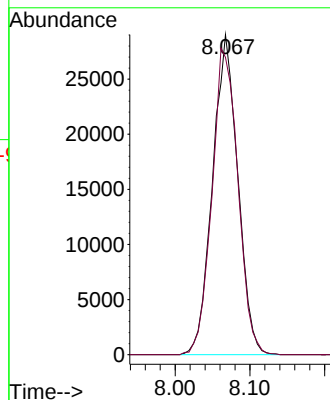
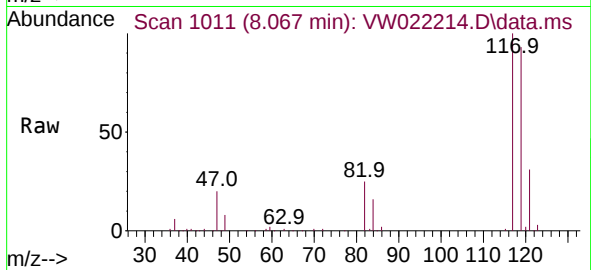




#31
Carbon tetrachloride
Concen: 26.723 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

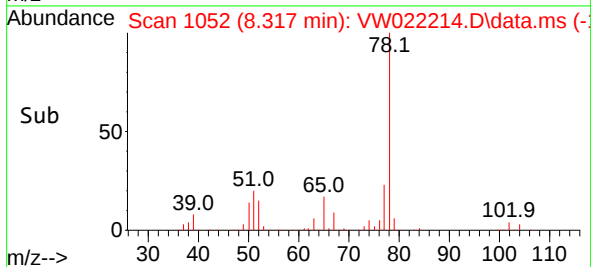
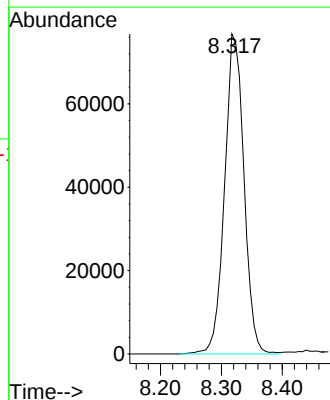
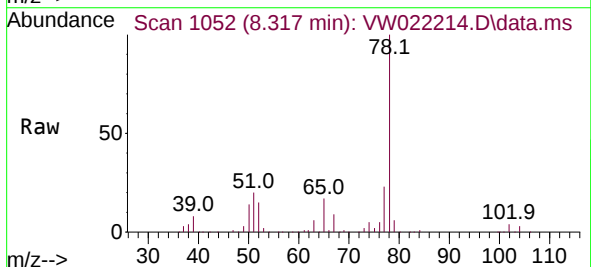
Instrument :
MSVOA_W
ClientSampleId :

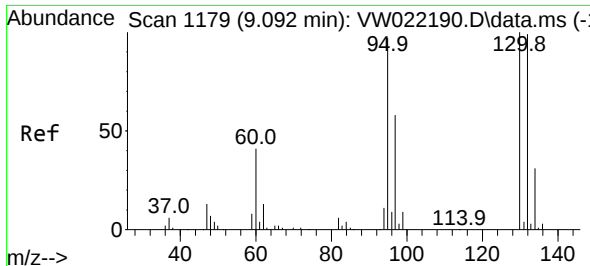
Tgt Ion:117 Resp: 68150
Ion Ratio Lower Upper
117 100
119 98.4 76.7 115.1



#33
Benzene
Concen: 26.278 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion: 78 Resp: 169446

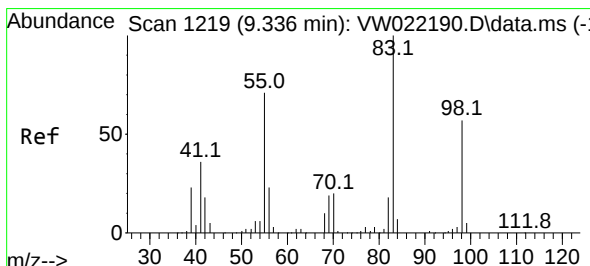
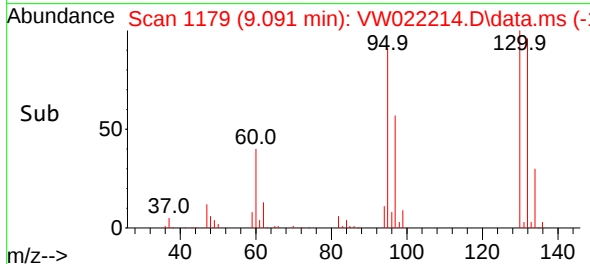
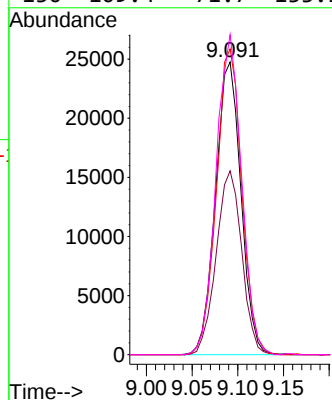
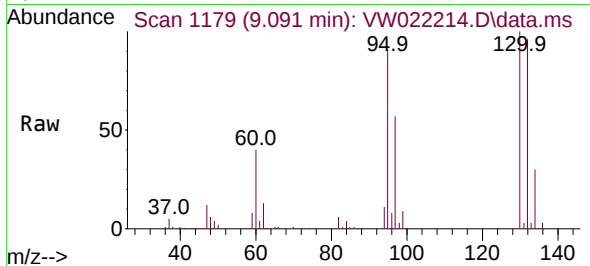




#34
Trichloroethene
Concen: 25.970 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

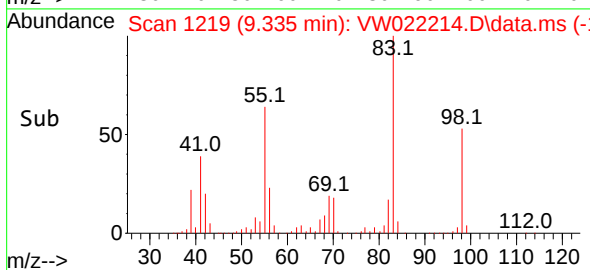
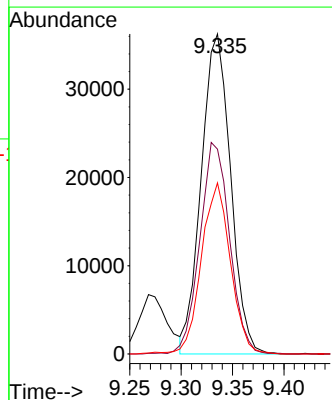
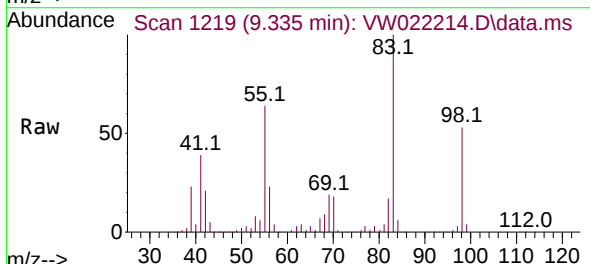
Instrument :
MSVOA_W
ClientSampleId :

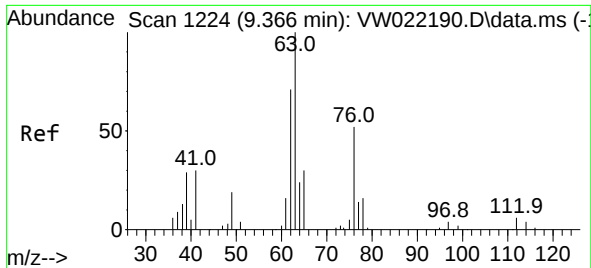
Tgt Ion: 95 Resp: 47948
Ion Ratio Lower Upper
95 100
97 62.8 44.4 82.4
132 104.5 71.7 133.1
130 109.4 71.7 133.1



#35
Methylcyclohexane
Concen: 25.253 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion: 83 Resp: 72117
Ion Ratio Lower Upper
83 100
55 66.6 53.8 80.8
98 52.7 42.1 63.1

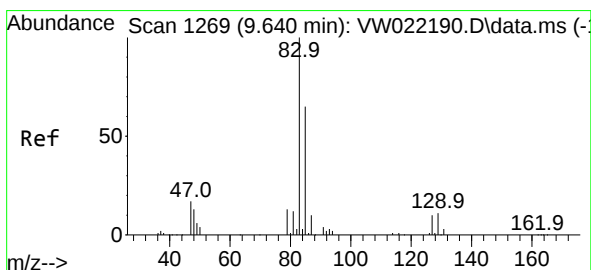
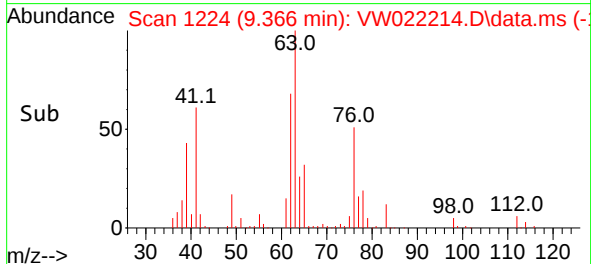
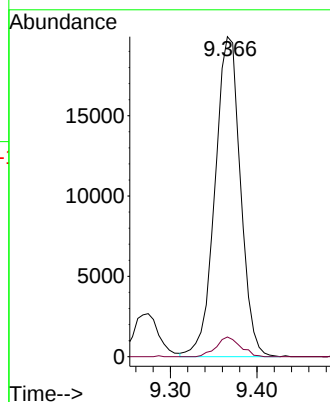
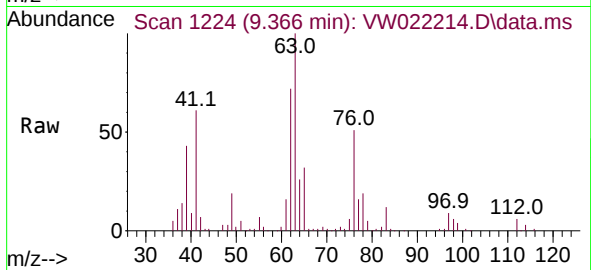




#37
1,2-Dichloropropane
Concen: 27.058 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

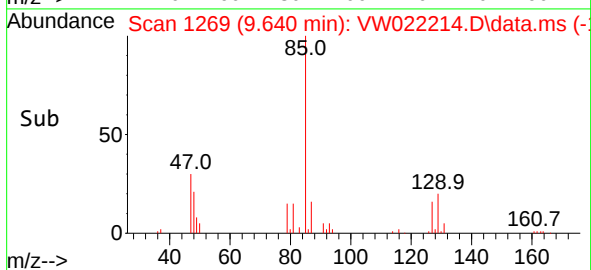
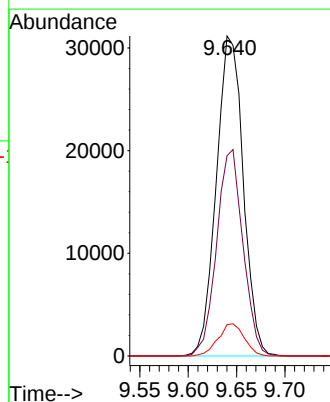
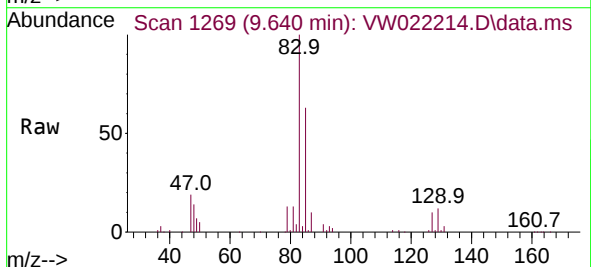
Instrument :
MSVOA_W
ClientSampleId :

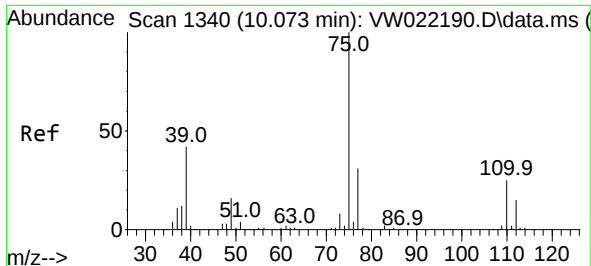
Tgt Ion: 63 Resp: 40704
Ion Ratio Lower Upper
63 100
112 5.8 4.1 6.1



#38
Bromodichloromethane
Concen: 27.929 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion: 83 Resp: 60250
Ion Ratio Lower Upper
83 100
85 62.6 47.9 89.1
127 9.8 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 27.792 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

Instrument :

MSVOA_W

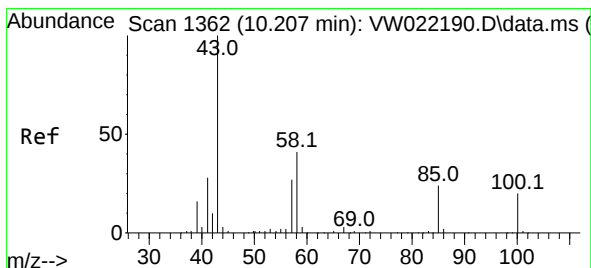
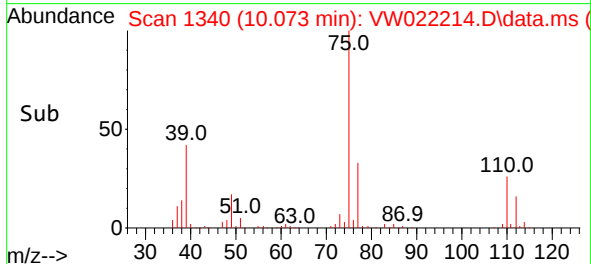
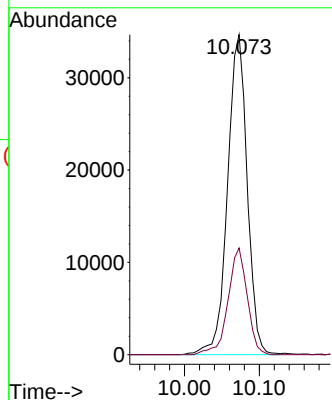
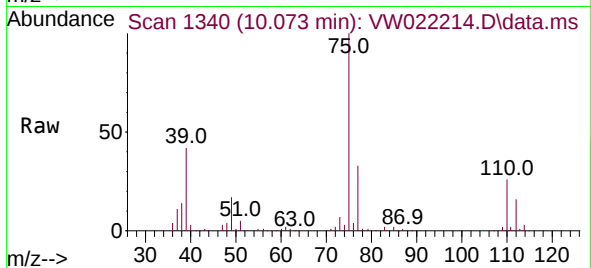
ClientSampleId :

Tgt Ion: 75 Resp: 63552

Ion Ratio Lower Upper

75 100

77 33.3 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 51.483 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

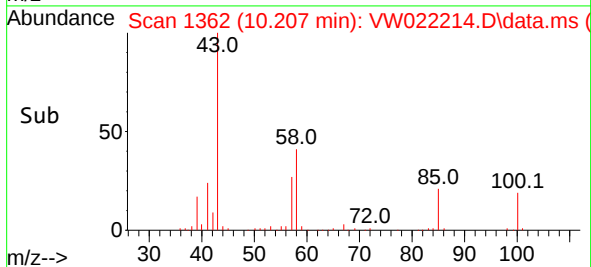
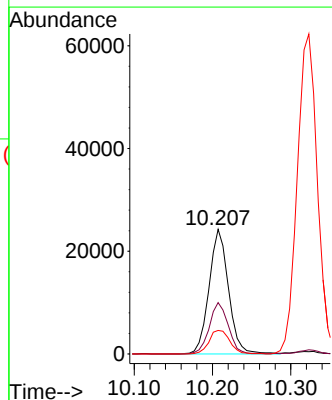
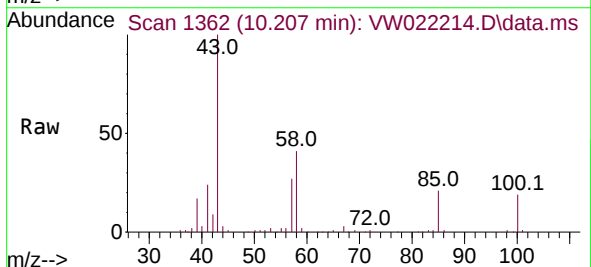
Tgt Ion: 43 Resp: 41824

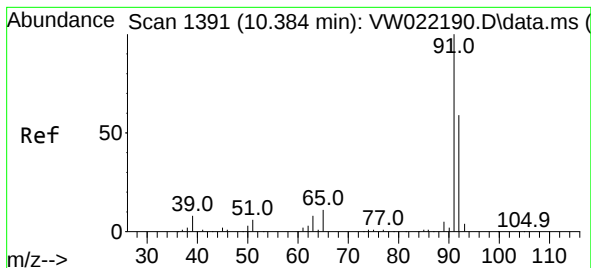
Ion Ratio Lower Upper

43 100

58 40.2 33.2 49.8

100 20.1 16.1 24.1





#42

Toluene

Concen: 27.239 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

Instrument :

MSVOA_W

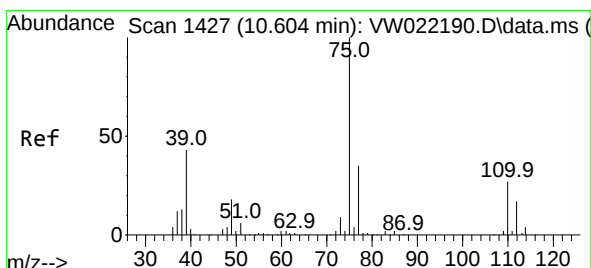
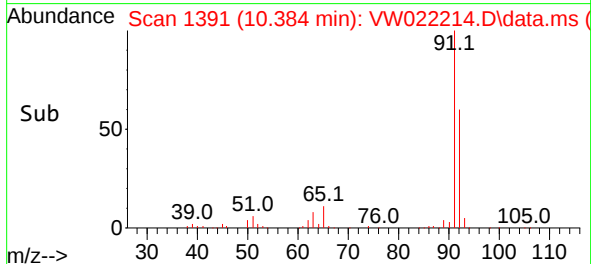
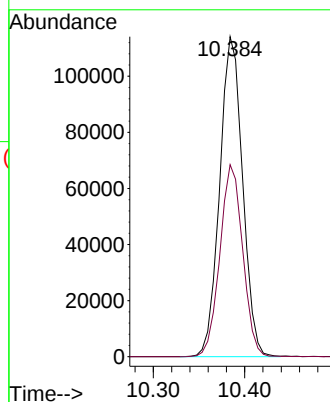
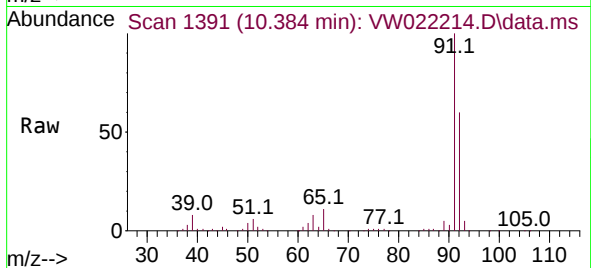
ClientSampleId :

Tgt Ion: 91 Resp: 198795

Ion Ratio Lower Upper

91 100

92 60.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 27.217 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022214.D

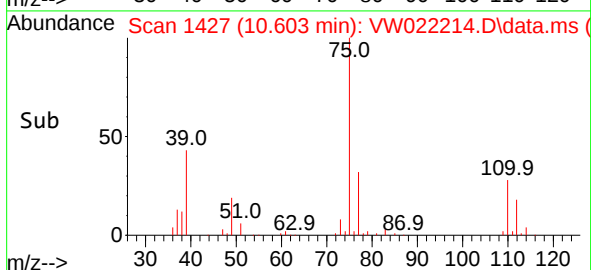
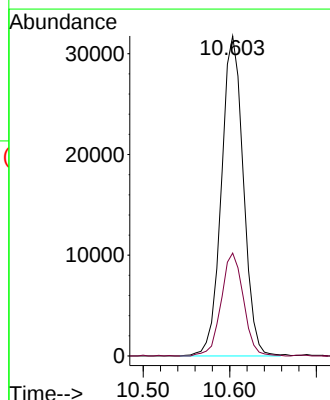
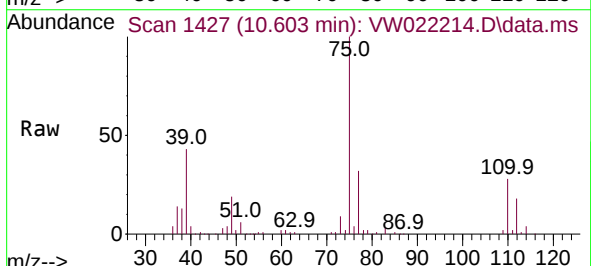
Acq: 08 Mar 2022 09:00

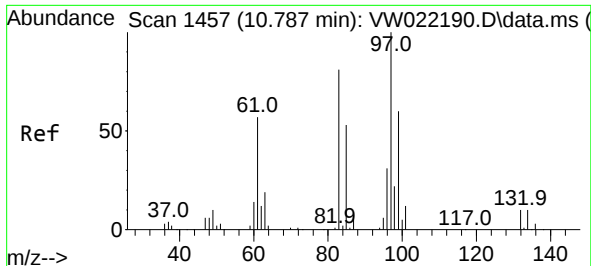
Tgt Ion: 75 Resp: 55927

Ion Ratio Lower Upper

75 100

77 32.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.269 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 35042

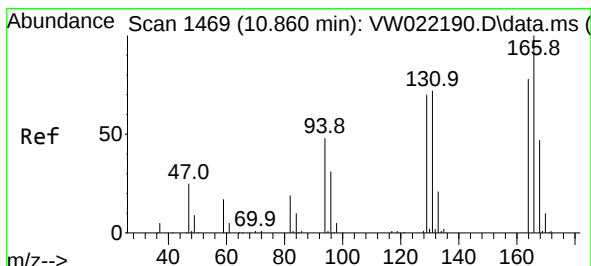
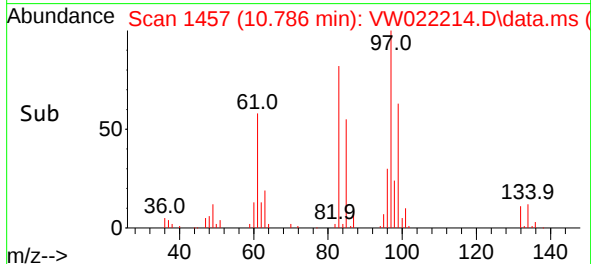
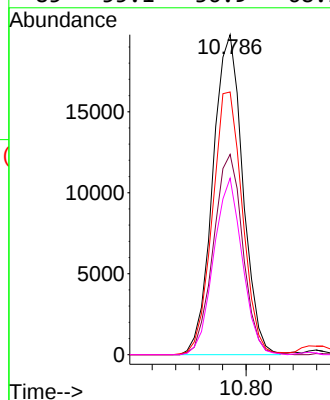
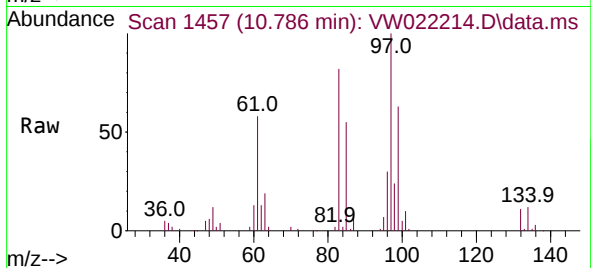
Ion Ratio Lower Upper

97 100

99 62.6 43.5 80.7

83 82.1 53.5 99.3

85 55.1 36.9 68.5



#46

Tetrachloroethene

Concen: 25.482 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

Tgt Ion:164 Resp: 41213

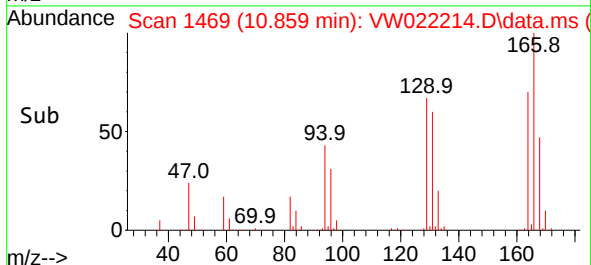
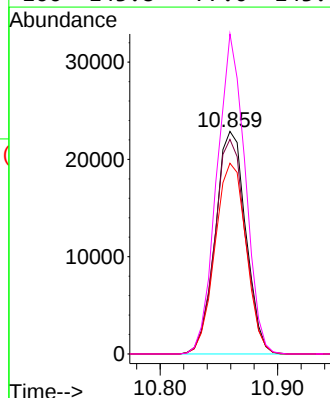
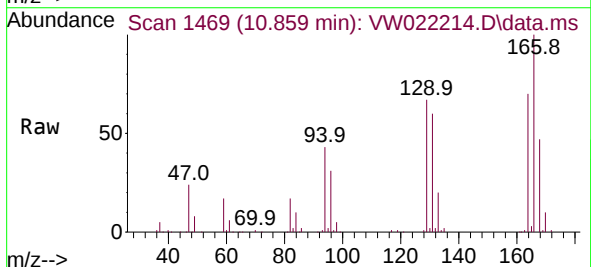
Ion Ratio Lower Upper

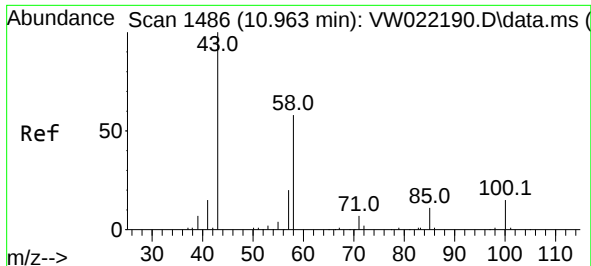
164 100

129 96.4 60.3 111.9

131 85.7 59.9 111.3

166 143.8 77.0 143.0#

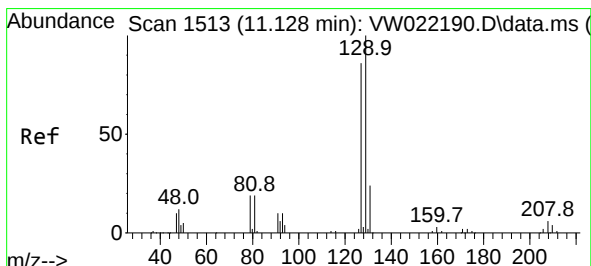
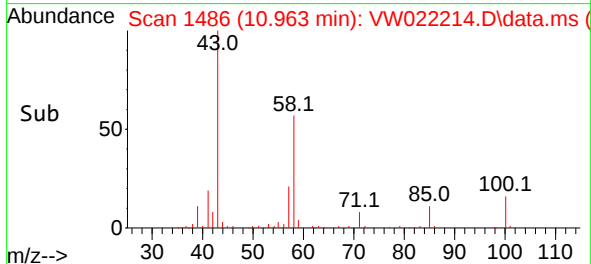
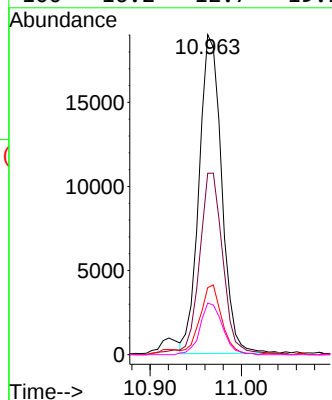
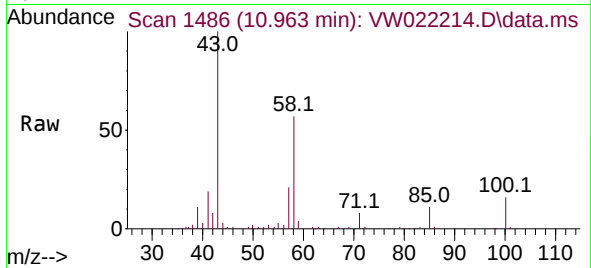




#48
2-Hexanone
Concen: 57.815 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

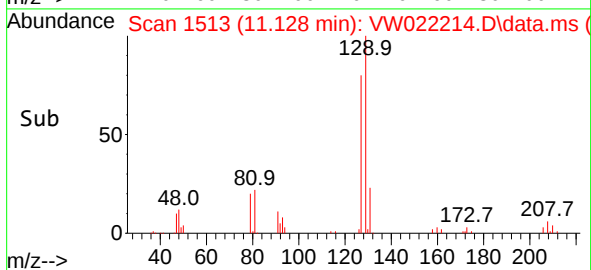
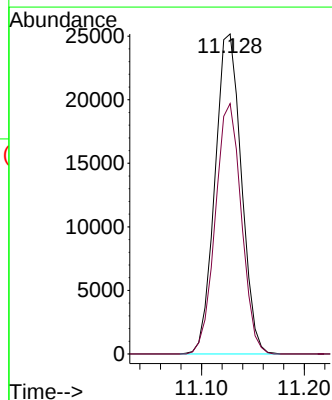
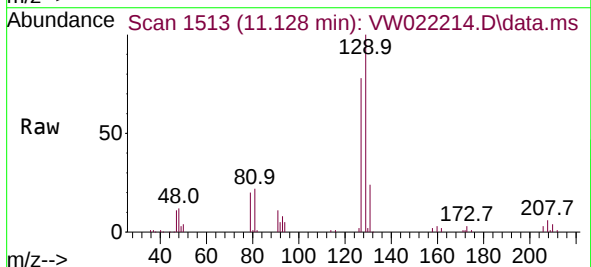
Instrument :
MSVOA_W
ClientSampleId :

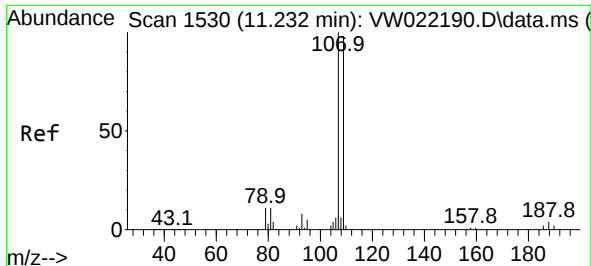
Tgt Ion: 43	Resp: 32599
Ion Ratio	Lower Upper
43 100	
58 59.9	44.6 66.8
57 21.3	15.8 23.8
100 16.2	12.7 19.1



#49
Dibromochloromethane
Concen: 27.695 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion:129	Resp: 44875		
Ion Ratio	Lower	Upper	
129 100			
127 78.3	54.5	101.1	





#50

1,2-Dibromoethane

Concen: 25.441 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022214.D

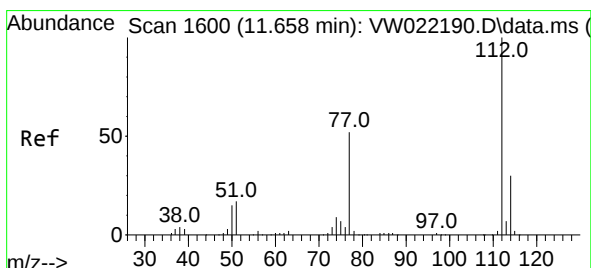
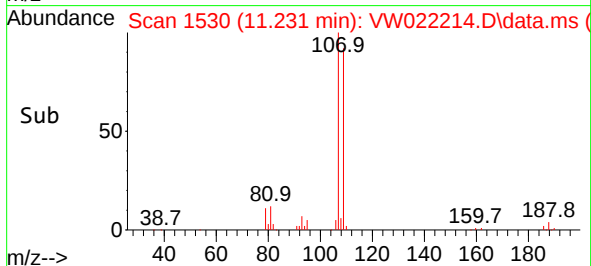
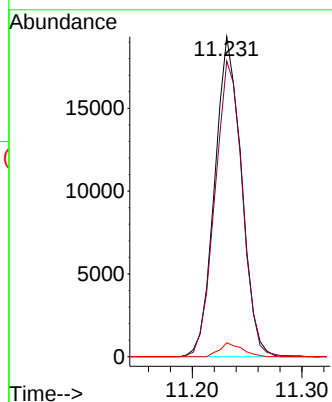
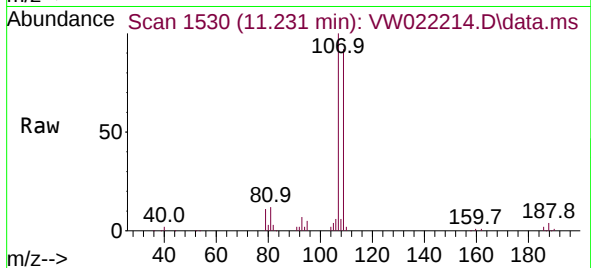
Acq: 08 Mar 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	32734
Ion	Ratio	Lower	Upper
107	100		
109	92.3	66.8	124.2
188	4.6	2.6	4.0#



#51

Chlorobenzene

Concen: 27.213 ug/L

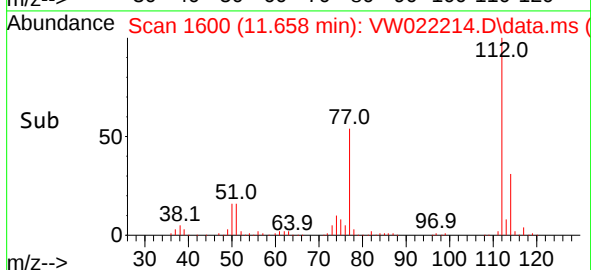
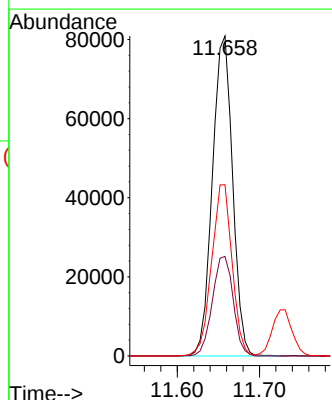
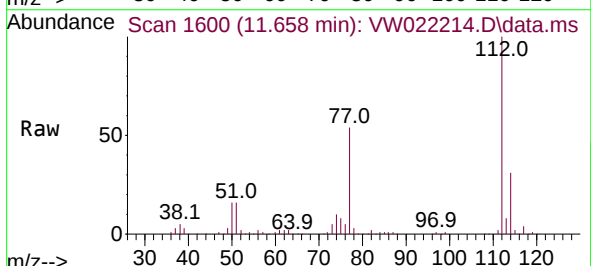
RT: 11.658 min Scan# 1600

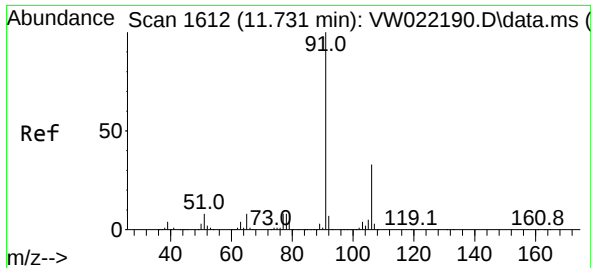
Delta R.T. -0.000 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

Tgt Ion:	112	Resp:	138219
Ion	Ratio	Lower	Upper
112	100		
114	31.1	23.0	42.8
77	53.5	41.8	62.6

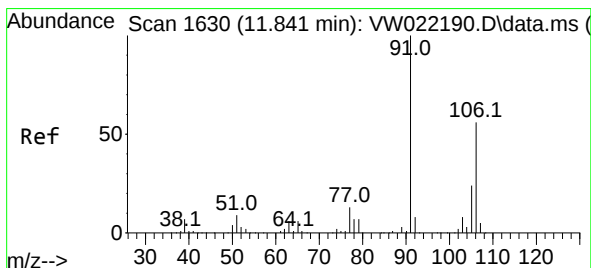
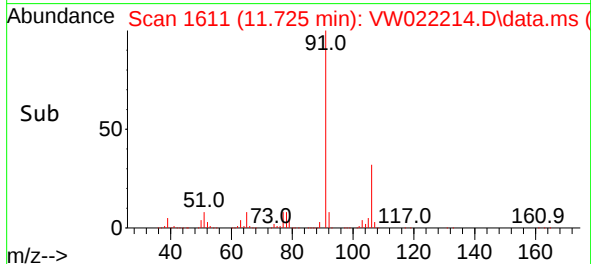
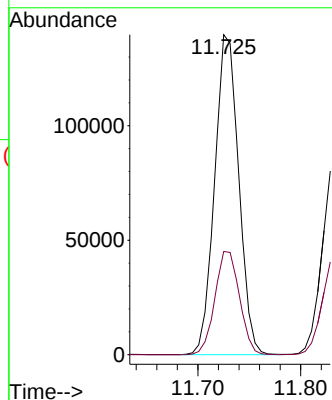
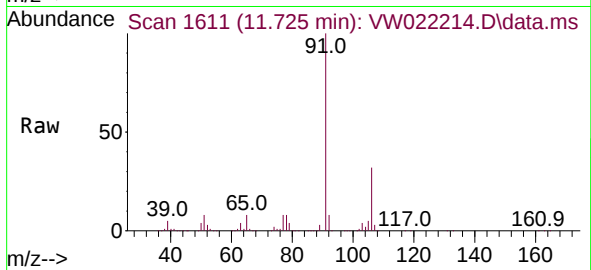




#52
Ethylbenzene
Concen: 28.112 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

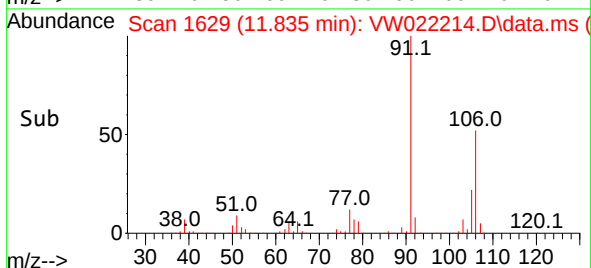
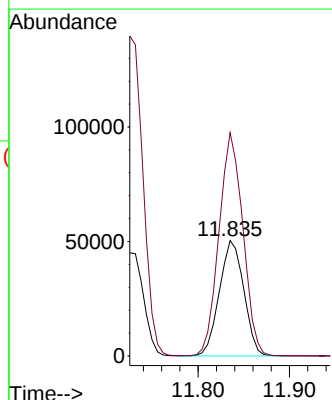
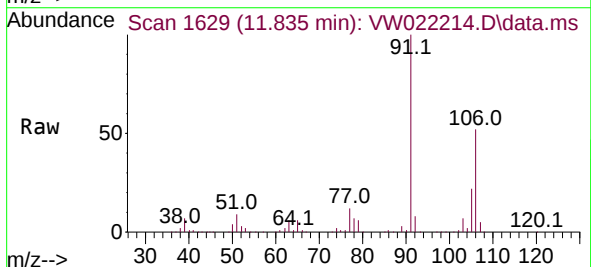
Instrument :
MSVOA_W
ClientSampleId :

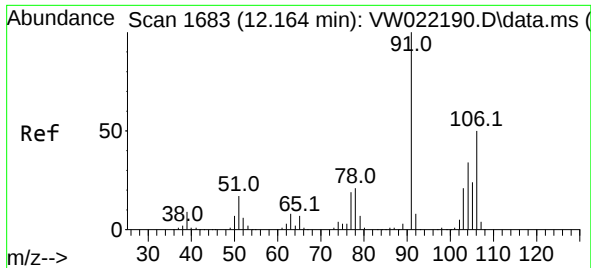
Tgt Ion: 91 Resp: 227063
Ion Ratio Lower Upper
91 100
106 32.3 22.8 42.4



#53
m,p-Xylene
Concen: 28.174 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion:106 Resp: 93637
Ion Ratio Lower Upper
106 100
91 193.8 135.0 250.8

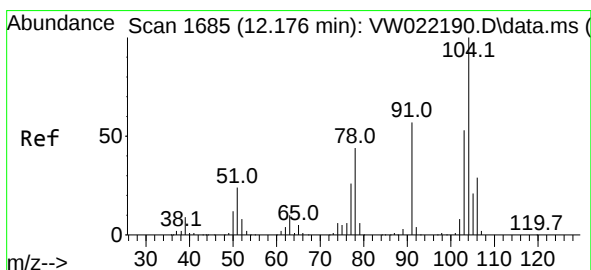
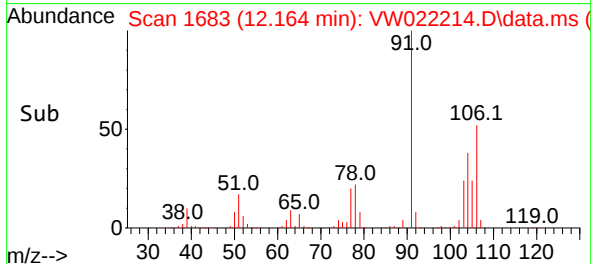
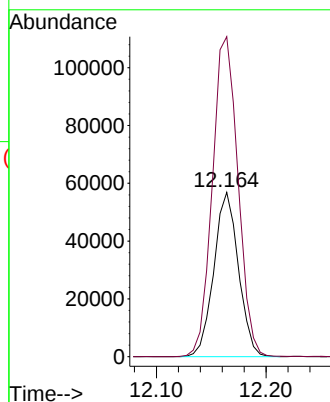
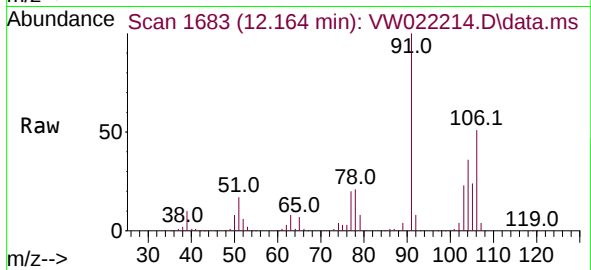




#54
o-Xylene
Concen: 28.338 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

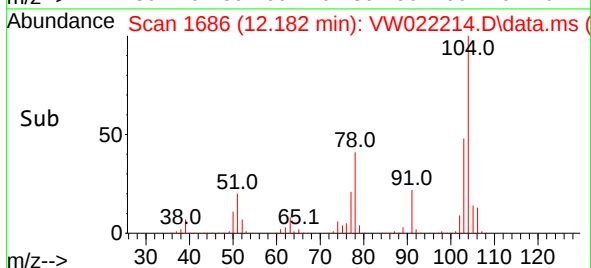
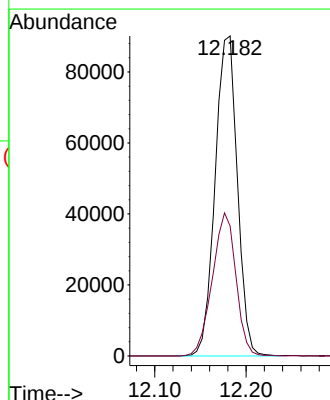
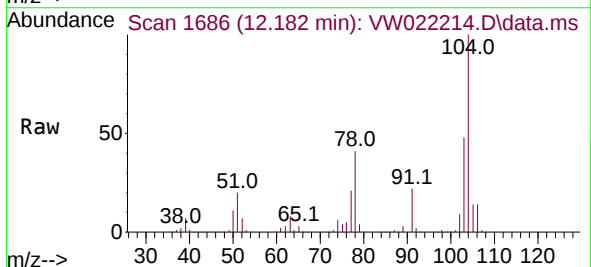
Instrument :
MSVOA_W
ClientSampleId :

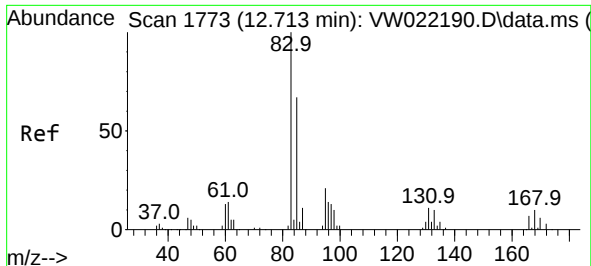
Tgt Ion:106 Resp: 88619
Ion Ratio Lower Upper
106 100
91 194.7 136.9 254.3



#55
Styrene
Concen: 29.087 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion:104 Resp: 152490
Ion Ratio Lower Upper
104 100
78 40.6 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.518 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022214.D

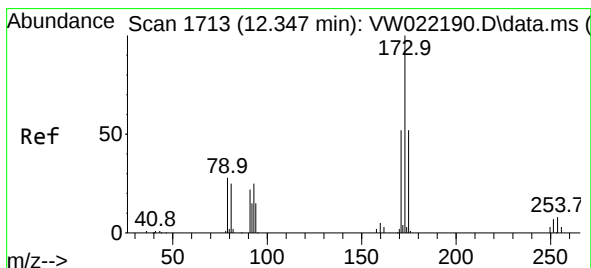
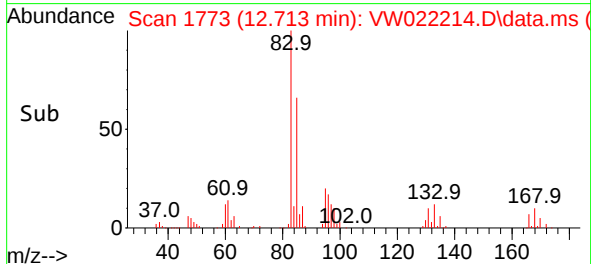
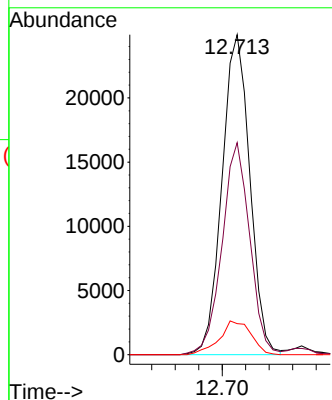
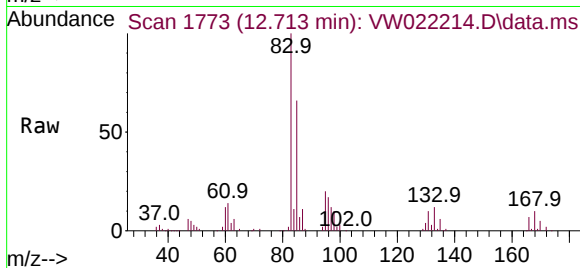
Acq: 08 Mar 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	41043
Ion	Ratio	Lower	Upper
83	100		
85	66.3	44.2	82.0
131	9.7	9.4	14.0



#59

Bromoform

Concen: 23.664 ug/L

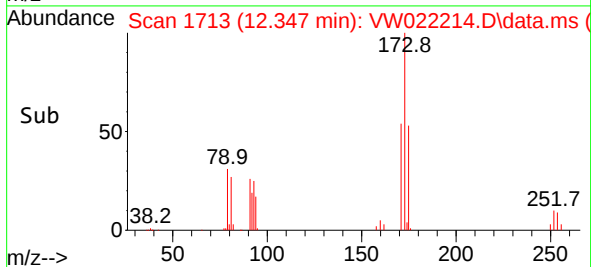
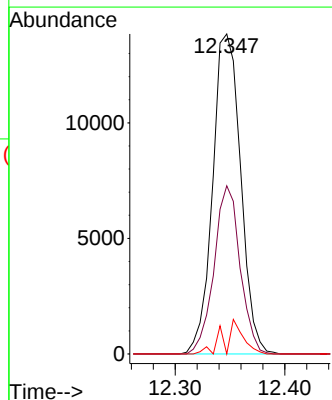
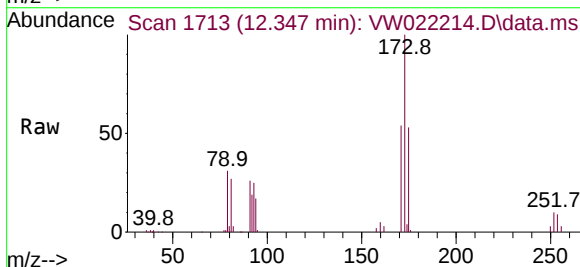
RT: 12.347 min Scan# 1713

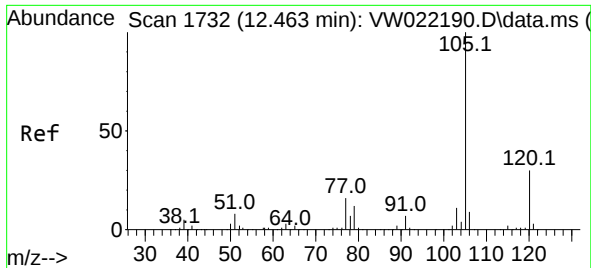
Delta R.T. -0.000 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

Tgt Ion:	173	Resp:	24612
Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.2	57.4
254	1.8	5.0	7.6#

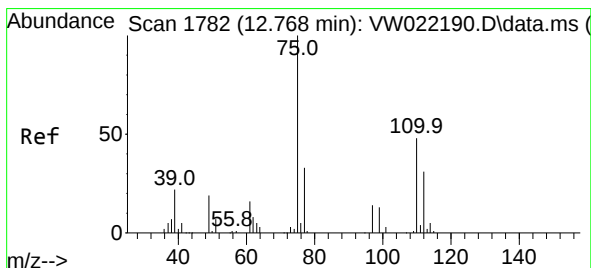
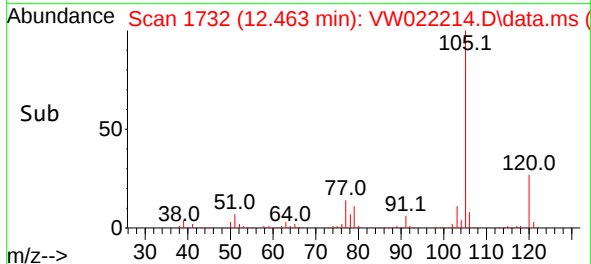
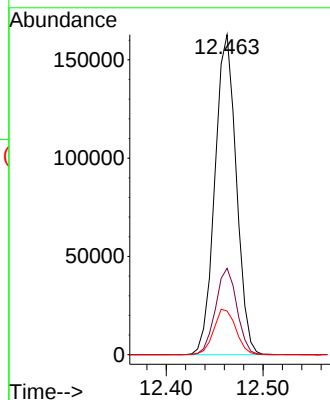
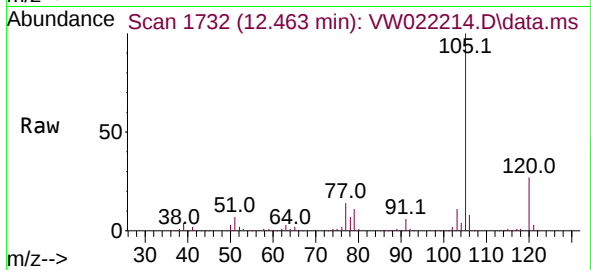




#60
Isopropylbenzene
Concen: 26.501 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

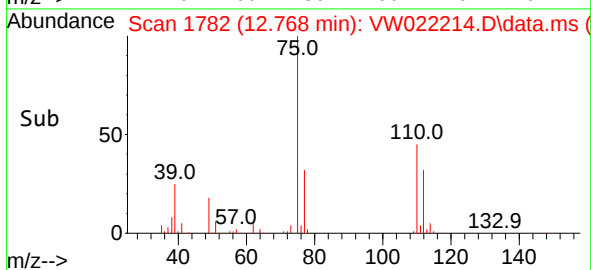
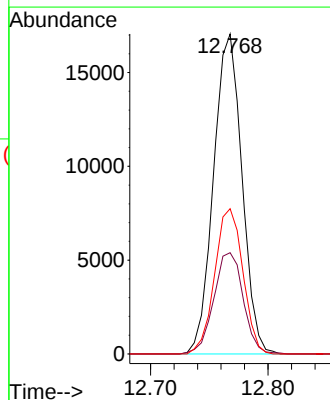
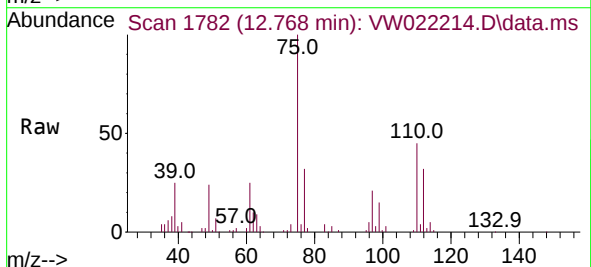
Instrument :
MSVOA_W
ClientSampleId :

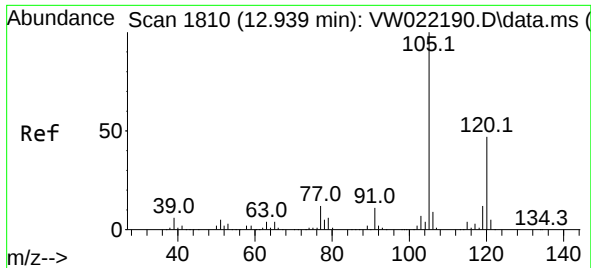
Tgt Ion:105 Resp: 250209
Ion Ratio Lower Upper
105 100
120 26.9 22.1 33.1
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 23.087 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion: 75 Resp: 28659
Ion Ratio Lower Upper
75 100
77 32.8 27.1 40.7
110 45.1 36.7 55.1

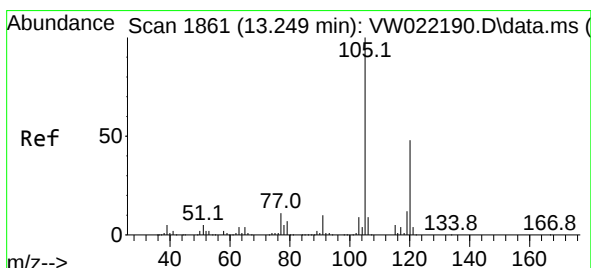
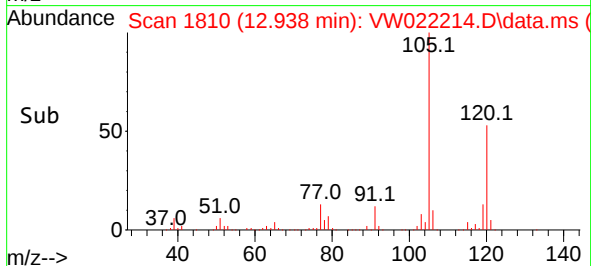
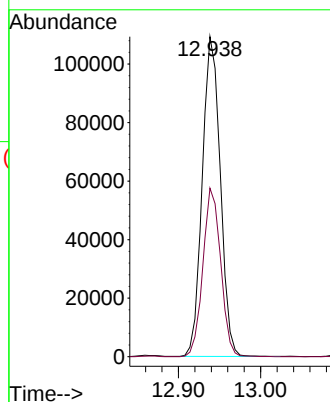
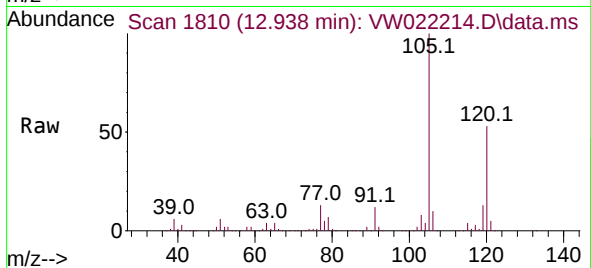




#62
1,3,5-Trimethylbenzene
Concen: 26.513 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

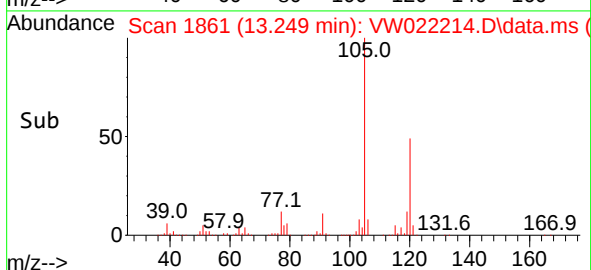
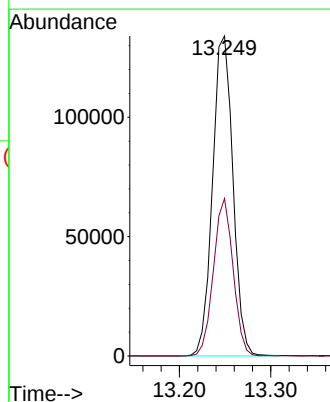
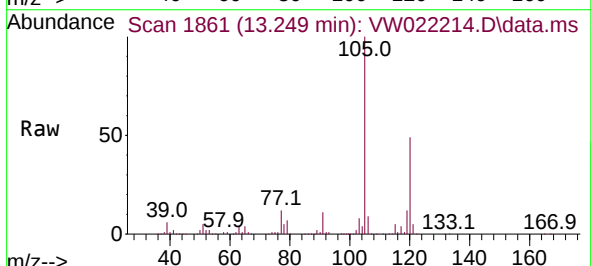
Instrument :
MSVOA_W
ClientSampleId :

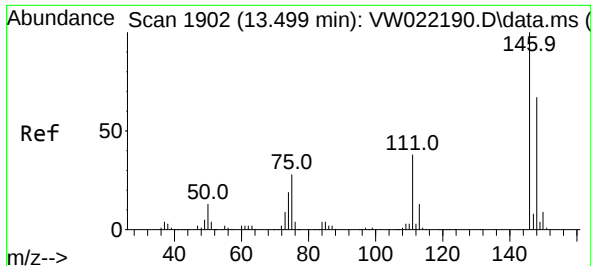
Tgt Ion:105 Resp: 166453
Ion Ratio Lower Upper
105 100
120 52.0 41.5 62.3



#63
1,2,4-Trimethylbenzene
Concen: 27.081 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion:105 Resp: 207778
Ion Ratio Lower Upper
105 100
120 47.3 39.2 58.8





#64

1,3-Dichlorobenzene

Concen: 24.914 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

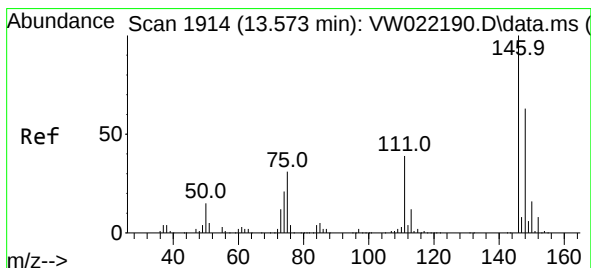
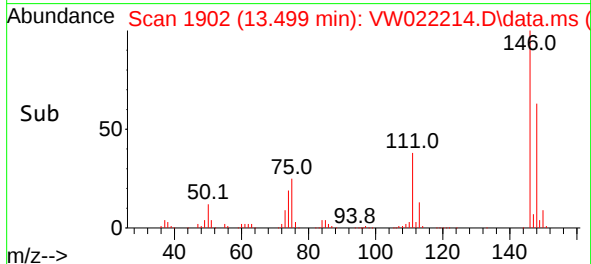
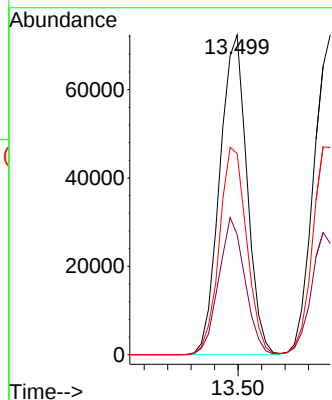
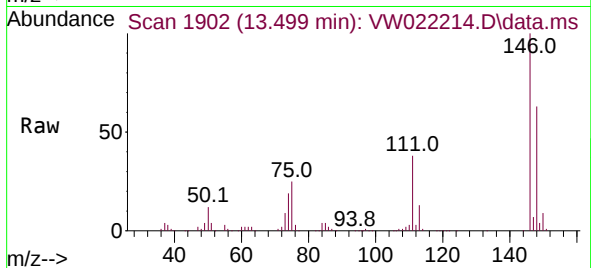
Tgt Ion:146 Resp: 116686

Ion Ratio Lower Upper

146 100

111 37.5 26.9 49.9

148 62.9 41.6 77.2



#65

1,4-Dichlorobenzene

Concen: 24.606 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

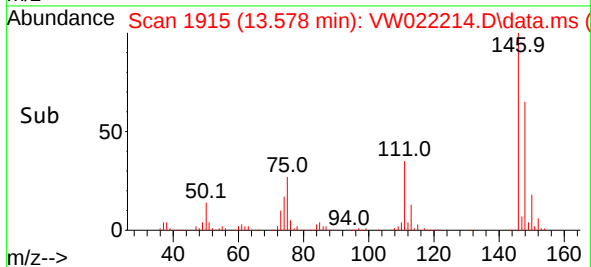
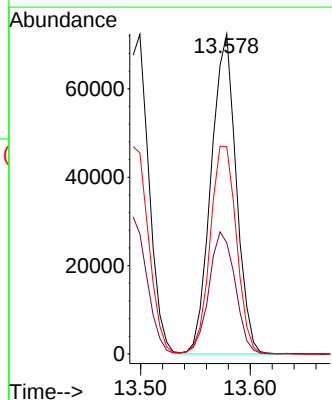
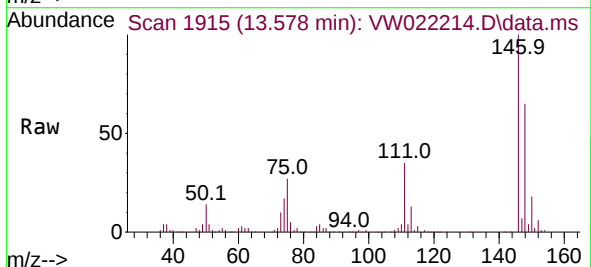
Tgt Ion:146 Resp: 115486

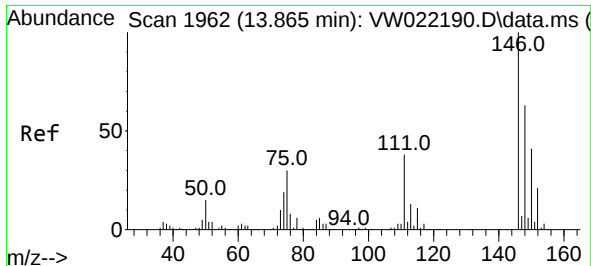
Ion Ratio Lower Upper

146 100

111 34.7 27.5 51.1

148 64.7 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 26.098 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

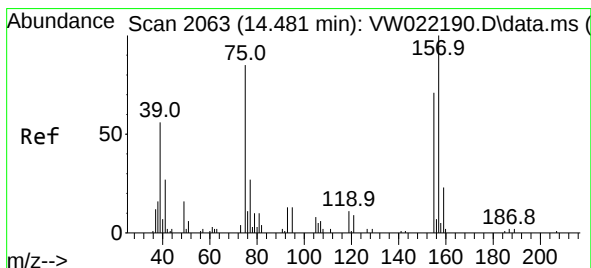
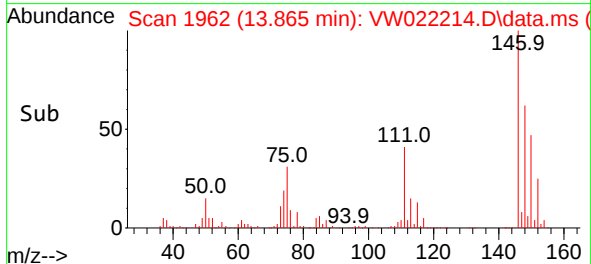
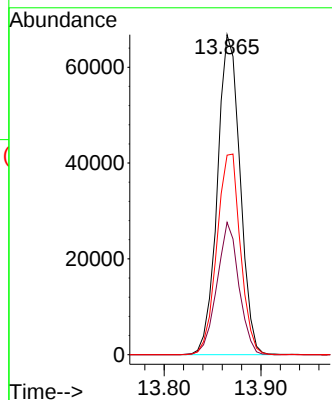
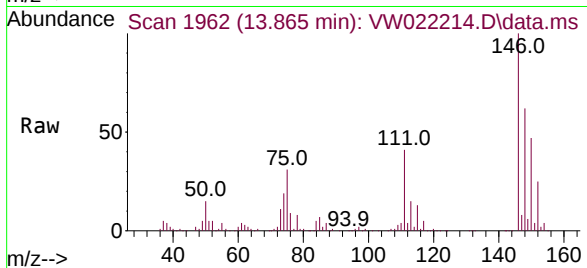
Tgt Ion:146 Resp: 108674

Ion Ratio Lower Upper

146 100

111 41.4 34.8 52.2

148 62.4 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.620 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022214.D

Acq: 08 Mar 2022 09:00

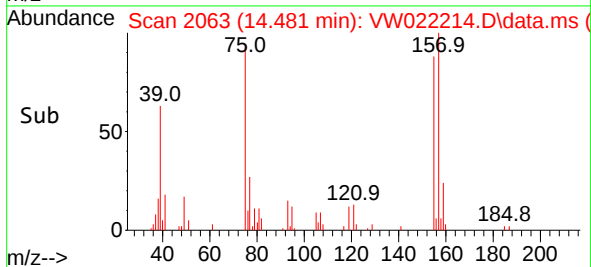
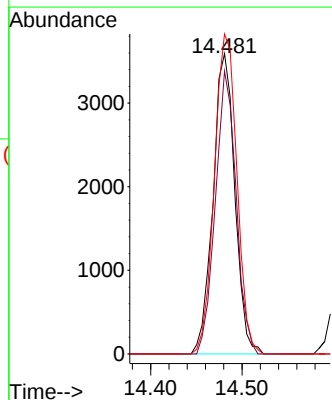
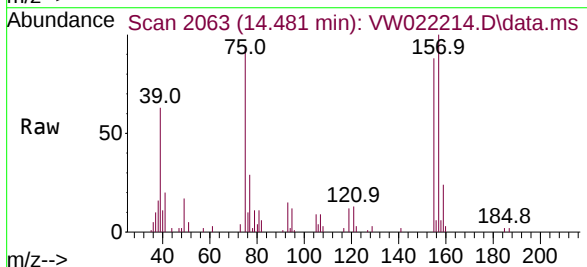
Tgt Ion: 75 Resp: 5936

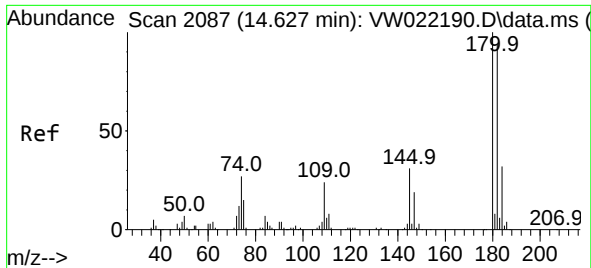
Ion Ratio Lower Upper

75 100

155 94.2 58.2 87.2#

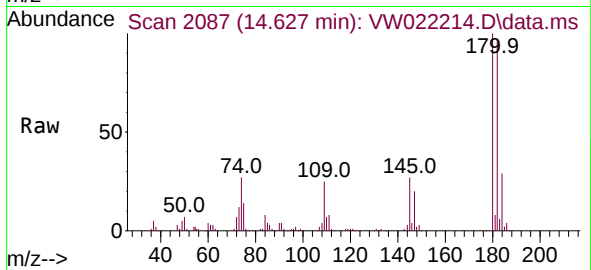
157 106.5 80.5 120.7



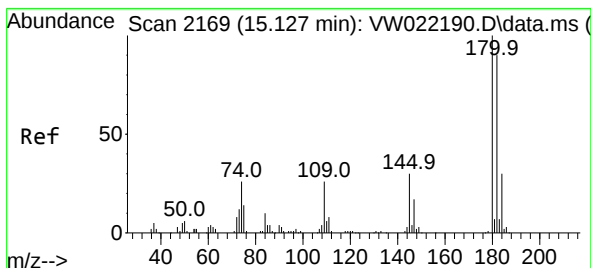
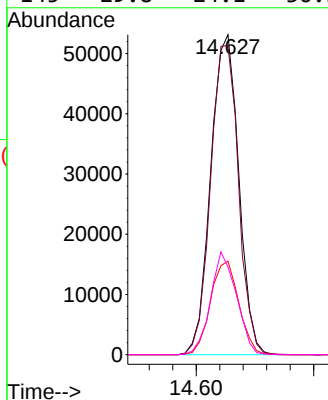
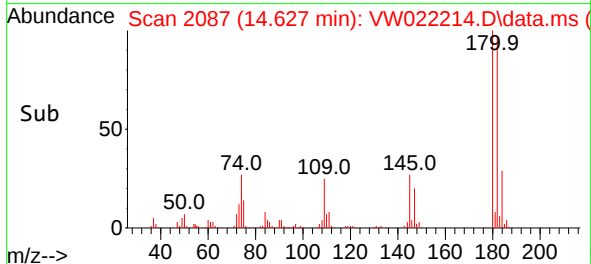


#69
 1,3,5-Trichlorobenzene
 Concen: 26.157 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW022214.D
 Acq: 08 Mar 2022 09:00

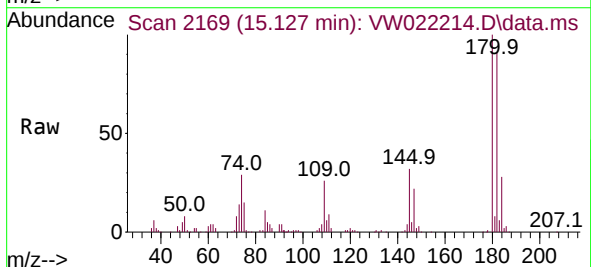
Instrument :
 MSVOA_W
 ClientSampleId :



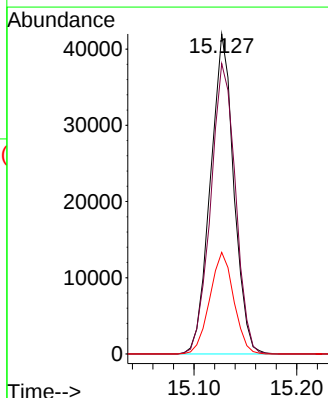
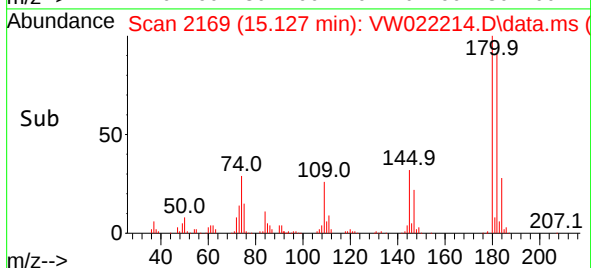
Tgt Ion:180	Resp:	87930
Ion Ratio	Lower	Upper
180	100	
182	96.4	69.4 104.0
184	29.6	21.8 32.8
145	29.8	24.1 36.1

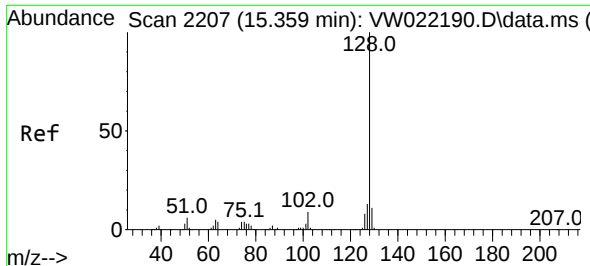


#70
 1,2,4-trichlorobenzene
 Concen: 26.127 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW022214.D
 Acq: 08 Mar 2022 09:00



Tgt Ion:180	Resp:	66454
Ion Ratio	Lower	Upper
180	100	
182	95.8	77.8 116.6
145	32.5	25.8 38.6

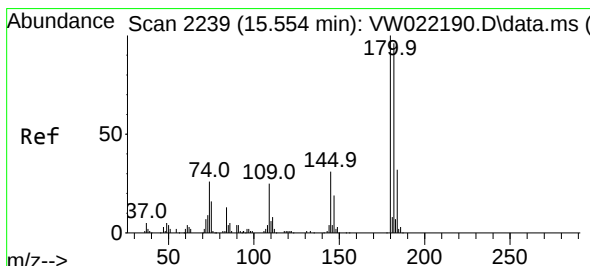
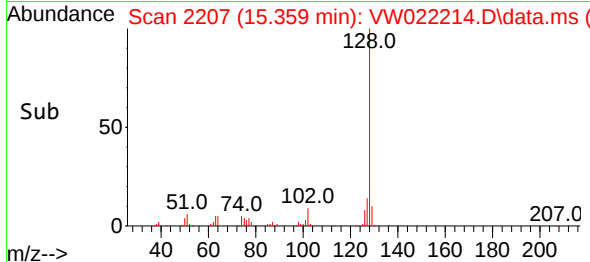
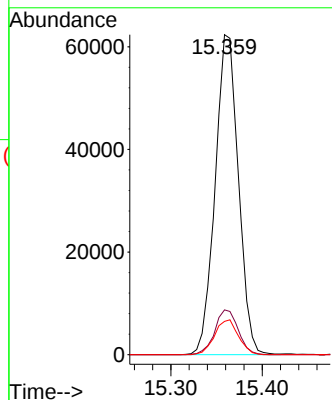
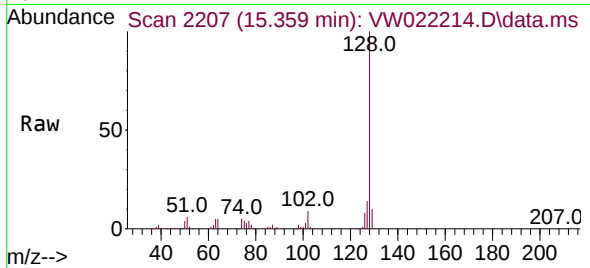




#71
Naphthalene
Concen: 24.581 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 110370
Ion Ratio Lower Upper
128 100
127 14.1 11.0 16.6
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.724 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW022214.D
Acq: 08 Mar 2022 09:00

Tgt Ion:180 Resp: 56594
Ion Ratio Lower Upper
180 100
182 98.2 79.0 118.4
145 33.1 28.0 42.0

