

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050523\
 Data File : VW025862.D
 Acq On : 05 May 2023 09:31
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 05 23:45:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 23:16:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	619104	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	538480	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	269502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	229089	26.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.440%	
7) Chloroethane-d5	2.899	69	174899	26.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.560%	
11) 1,1-Dichloroethene-d2	4.021	65	107234	24.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.640%	
21) 2-Butanone-d5	7.075	46	116801	40.272	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 80.540%	
24) Chloroform-d	7.648	84	441120	24.710	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 98.840%	
26) 1,2-Dichloroethane-d4	8.307	65	234890	23.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 93.080%	
32) Benzene-d6	8.276	84	890922	25.321	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.280%	
36) 1,2-Dichloropropane-d6	9.276	67	281533	25.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.040%	
41) Toluene-d8	10.318	98	791694	25.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.920%	
43) trans-1,3-Dichloroprop...	10.575	79	105447	23.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 92.440%	
47) 2-Hexanone-d5	10.922	63	83713	43.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.220%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	200930	23.417	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 93.680%	
66) 1,2-Dichlorobenzene-d4	13.848	152	237942	24.219	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	204449	29.559	ug/L	98
3) Chloromethane	2.222	50	255059	25.010	ug/L	99
5) Vinyl chloride	2.375	62	273245	25.886	ug/L	100
6) Bromomethane	2.789	94	144095	25.098	ug/L	98
8) Chloroethane	2.936	64	159181	26.520	ug/L	99
9) Trichlorofluoromethane	3.271	101	192923	24.217	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	216480	24.987	ug/L	98
12) 1,1-Dichloroethene	4.045	96	205091	24.770	ug/L	97
13) Acetone	4.131	43	95631	37.186	ug/L	96
14) Carbon disulfide	4.387	76	682211	24.364	ug/L	99
15) Methyl Acetate	4.673	43	107379	21.188	ug/L	98
16) Methylene chloride	4.911	84	233158	18.261	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	214707	23.770	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	308032	22.469	ug/L	99
19) 1,1-Dichloroethane	6.222	63	453796	24.452	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	229859	23.719	ug/L	96
22) 2-Butanone	7.173	43	137959	38.851	ug/L	100
23) Bromochloromethane	7.514	128	95555	23.275	ug/L	96
25) Chloroform	7.679	83	418609	24.542	ug/L	100

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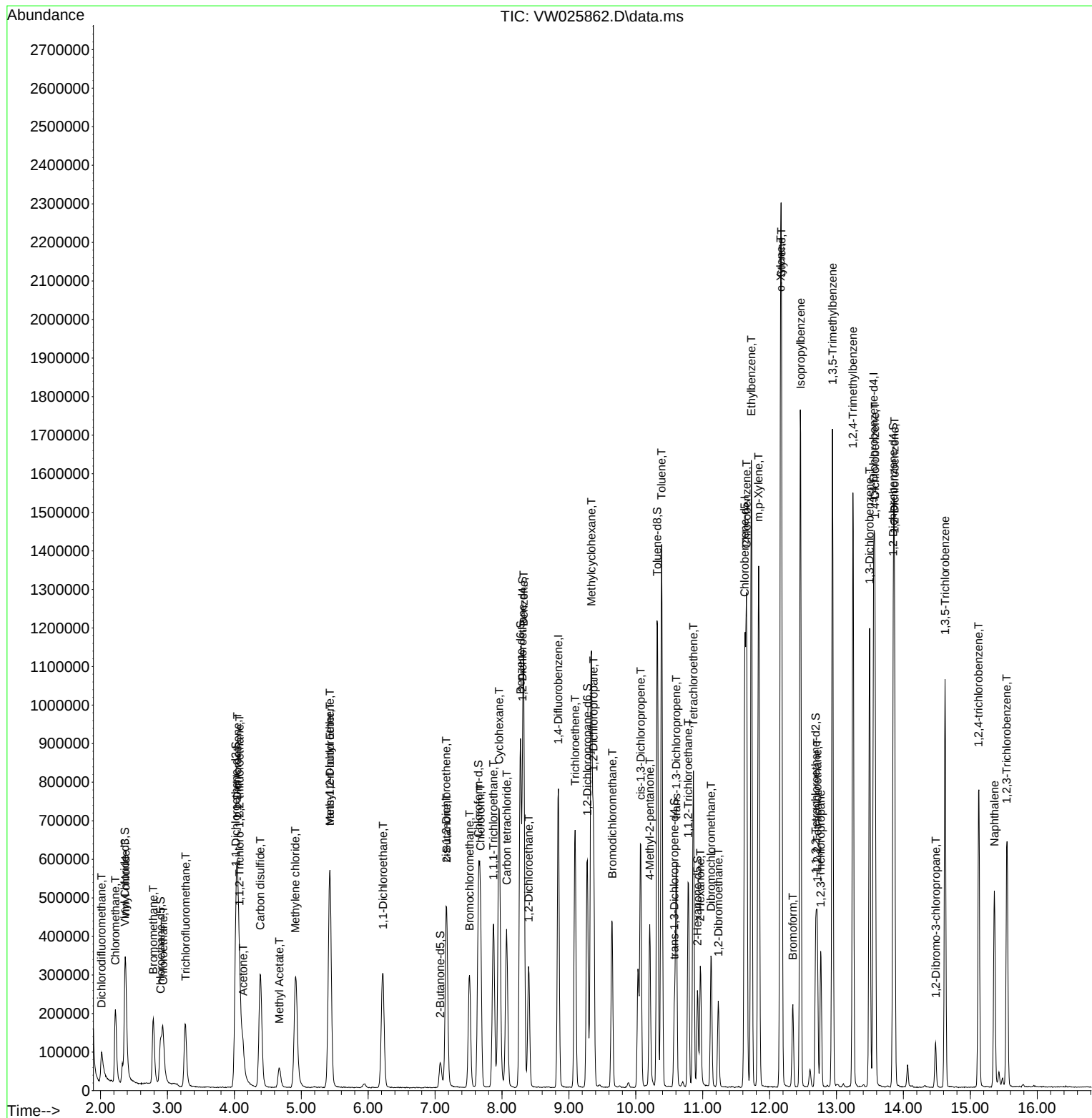
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	283660	23.417	ug/L	100
29) Cyclohexane	7.959	56	425188	25.480	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	338265	25.686	ug/L	99
31) Carbon tetrachloride	8.069	117	305838	25.806	ug/L	98
33) Benzene	8.325	78	950110	25.503	ug/L	100
34) Trichloroethene	9.093	95	237971	24.893	ug/L	99
35) Methylcyclohexane	9.337	83	434819	25.573	ug/L	100
37) 1,2-Dichloropropane	9.367	63	256919	25.171	ug/L	100
38) Bromodichloromethane	9.648	83	286475	24.464	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	367294	24.538	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	292404	44.012	ug/L	99
42) Toluene	10.386	91	987064	25.930	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	301660	24.322	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	162079	23.738	ug/L	98
46) Tetrachloroethene	10.861	164	165741	24.644	ug/L	95
48) 2-Hexanone	10.965	43	207383	43.573	ug/L	98
49) Dibromochloromethane	11.123	129	171015	24.193	ug/L	98
50) 1,2-Dibromoethane	11.233	107	147152	23.379	ug/L	100
51) Chlorobenzene	11.654	112	588258	24.945	ug/L	97
52) Ethylbenzene	11.727	91	1114976	26.039	ug/L	97
53) m,p-Xylene	11.836	106	402137	25.517	ug/L	97
54) o-Xylene	12.166	106	384316	25.872	ug/L	95
55) Styrene	12.178	104	665729	26.185	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	196953	23.118	ug/L	99
59) Bromoform	12.349	173	92188	23.094	ug/L	98
60) Isopropylbenzene	12.464	105	1078430	26.325	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	142124	22.314	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	856733	26.404	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	784803	26.211	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	445894	25.285	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	435679	24.454	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	386068	24.548	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	29888	20.236	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	291977	24.943	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	224396	22.882	ug/L	99
71) Naphthalene	15.360	128	408566	22.073	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	204889	23.546	ug/L	100

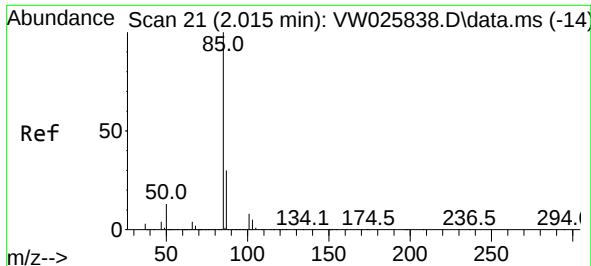
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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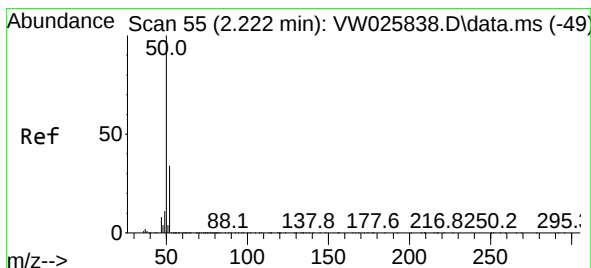
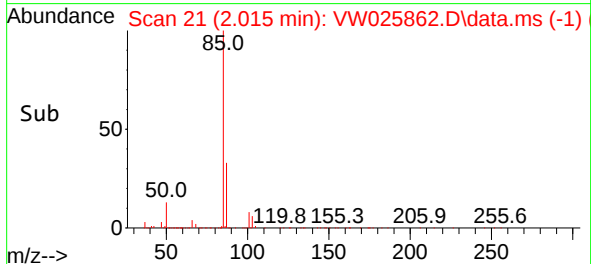
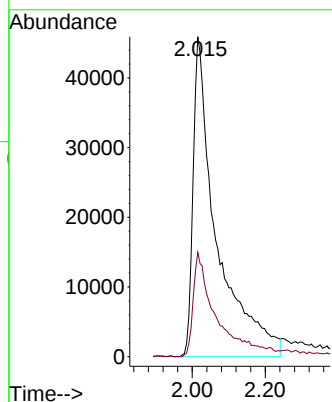
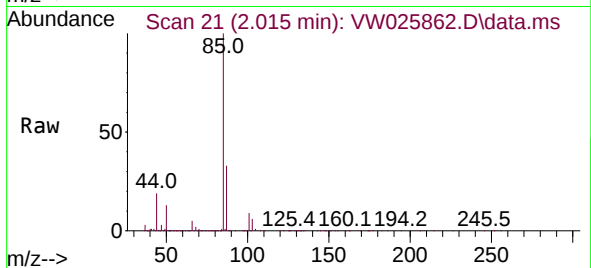




#2
Dichlorodifluoromethane
Concen: 29.559 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

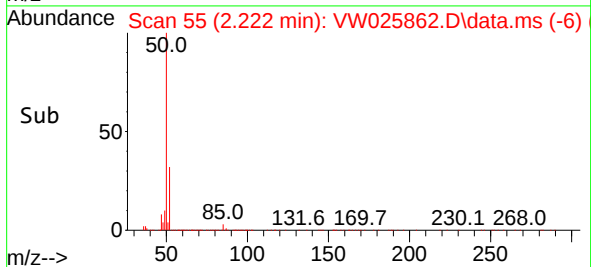
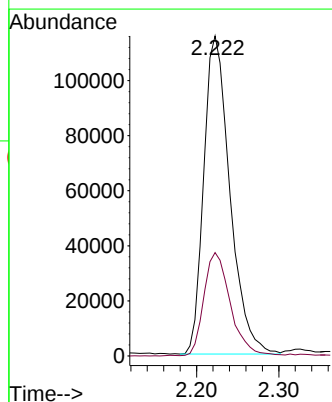
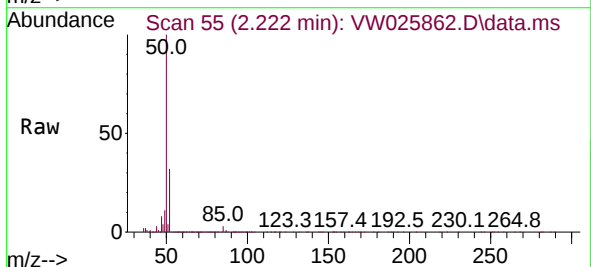
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MSVOA_W
ClientSampleId :

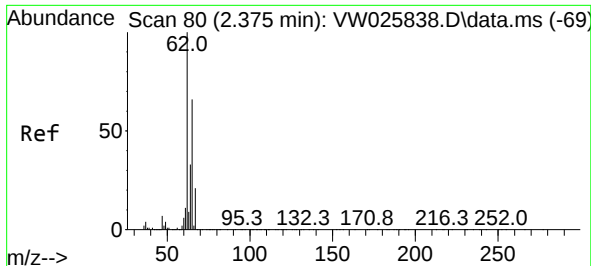
Tgt Ion: 85 Resp: 204449
Ion Ratio Lower Upper
85 100
87 29.6 24.7 37.1



#3
Chloromethane
Concen: 25.010 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion: 50 Resp: 255059
Ion Ratio Lower Upper
50 100
52 32.3 22.1 41.1

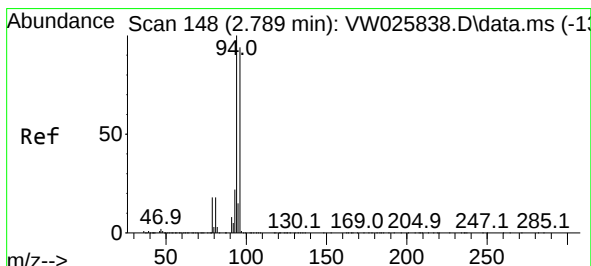
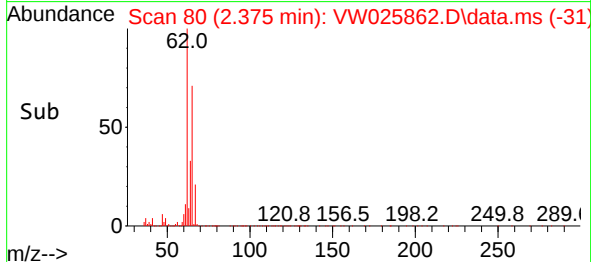
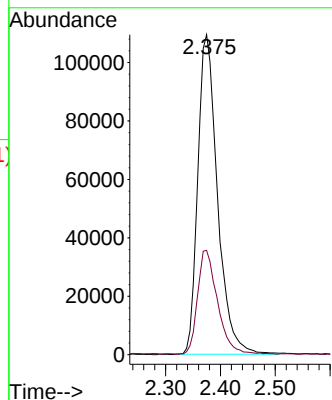
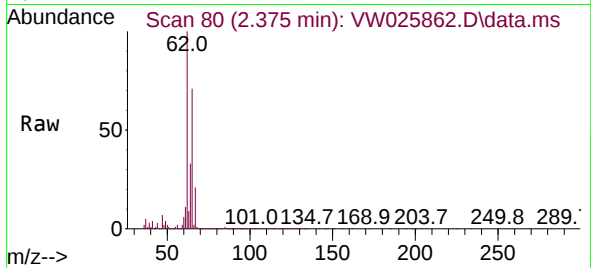




#5
 Vinyl chloride
 Concen: 25.886 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025862.D
 Acq: 05 May 2023 09:31

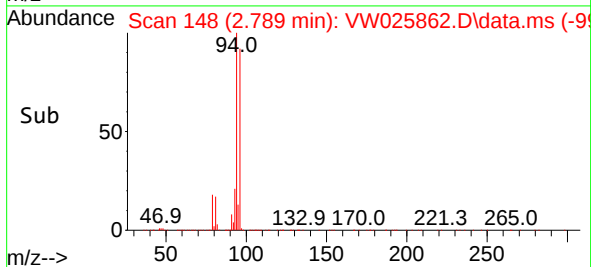
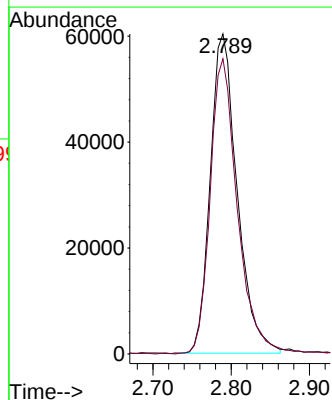
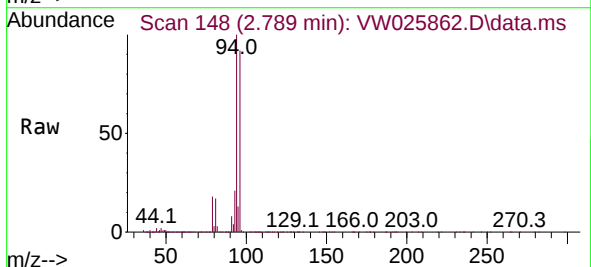
Instrument :
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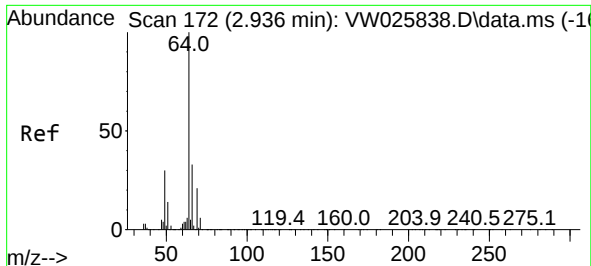
Tgt Ion: 62 Resp: 273245
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.3



#6
 Bromomethane
 Concen: 25.098 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025862.D
 Acq: 05 May 2023 09:31

Tgt Ion: 94 Resp: 144095
 Ion Ratio Lower Upper
 94 100
 96 92.2 63.1 117.1

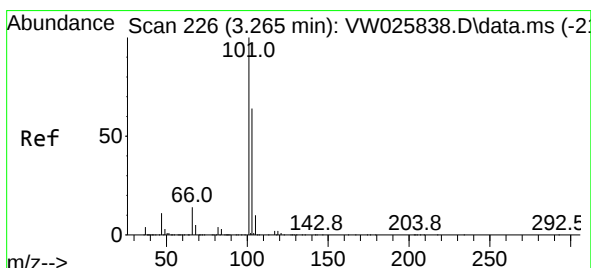
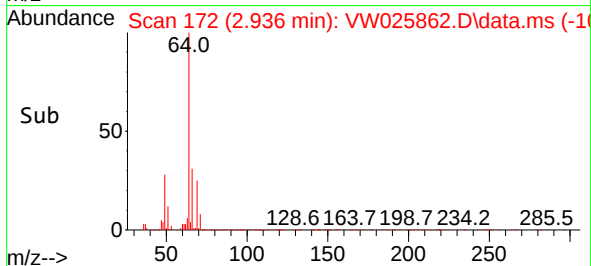
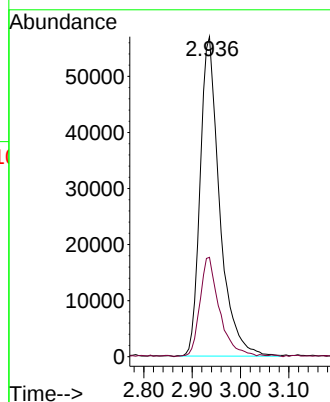
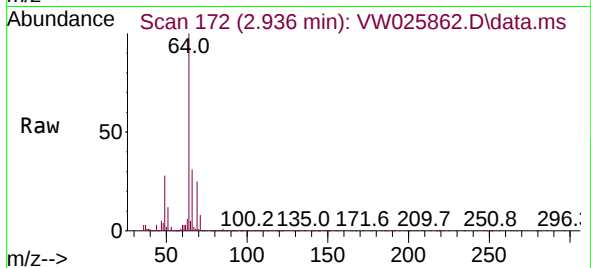




#8
Chloroethane
Concen: 26.520 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

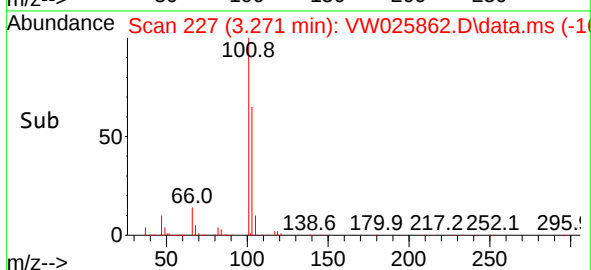
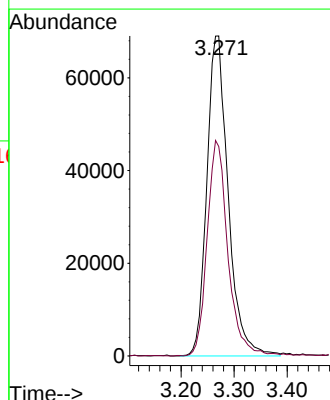
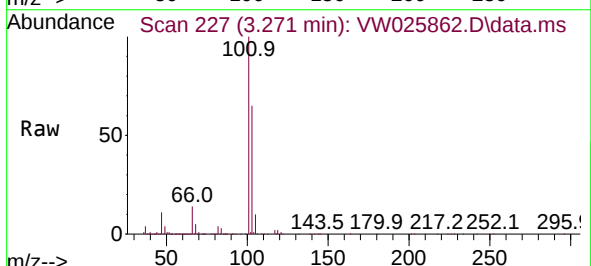
Instrument :
MSVOA_W
ClientSampleId :

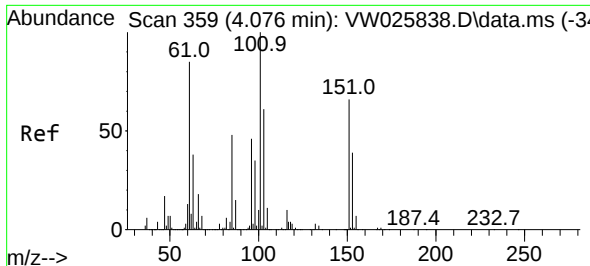
Tgt Ion: 64 Resp: 159181
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 24.217 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion: 101 Resp: 192923
Ion Ratio Lower Upper
101 100
103 64.7 50.6 76.0

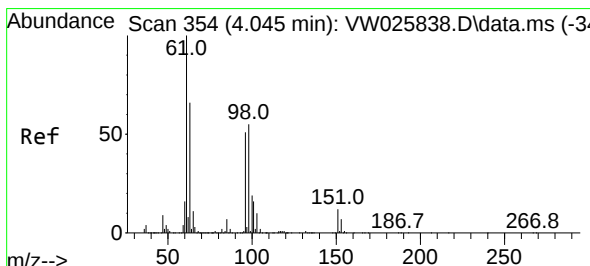
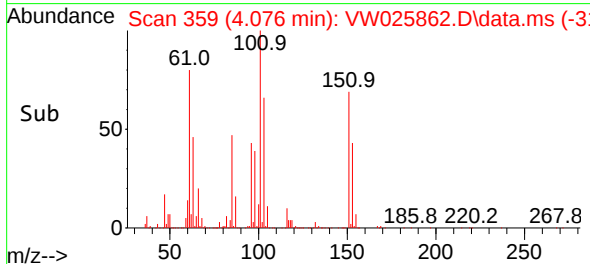
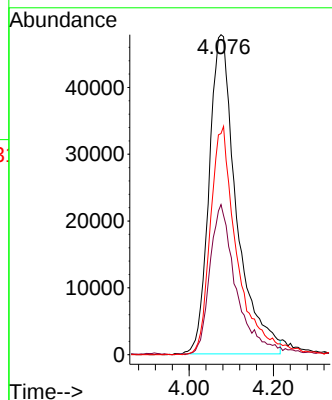
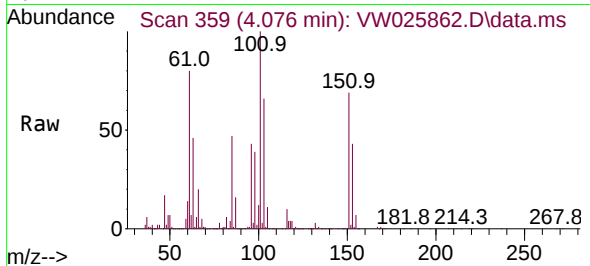




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.987 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025862.D
 Acq: 05 May 2023 09:31

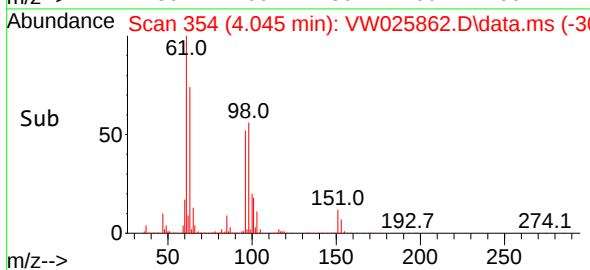
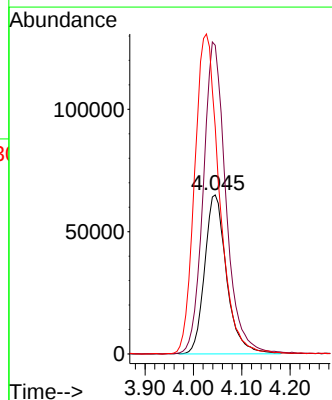
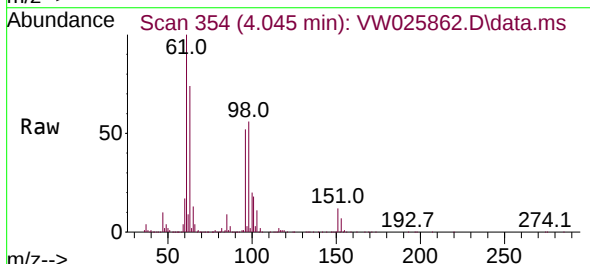
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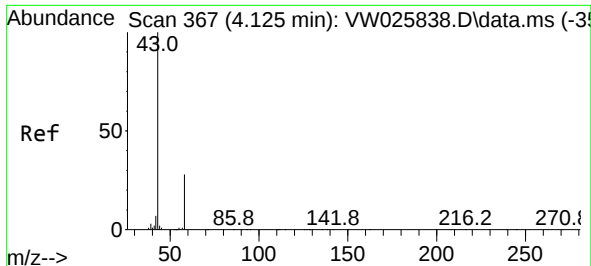
Tgt Ion:101 Resp: 216480
 Ion Ratio Lower Upper
 101 100
 85 44.5 33.9 50.9
 151 67.2 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.770 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025862.D
 Acq: 05 May 2023 09:31

Tgt Ion: 96 Resp: 205091
 Ion Ratio Lower Upper
 96 100
 61 194.1 135.0 250.8
 63 142.7 104.9 194.7

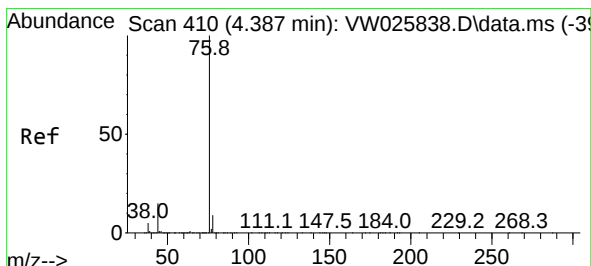
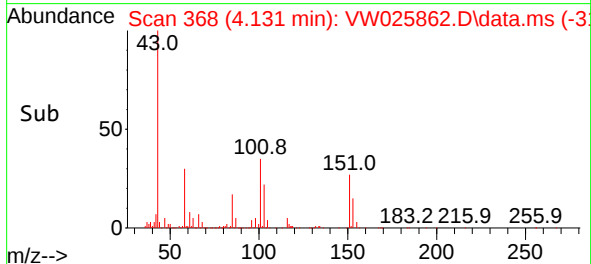
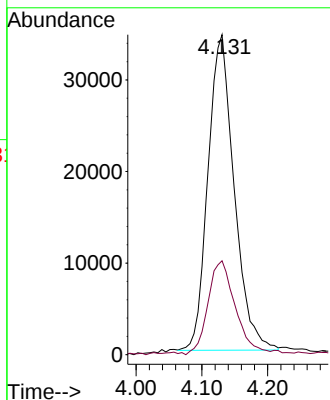
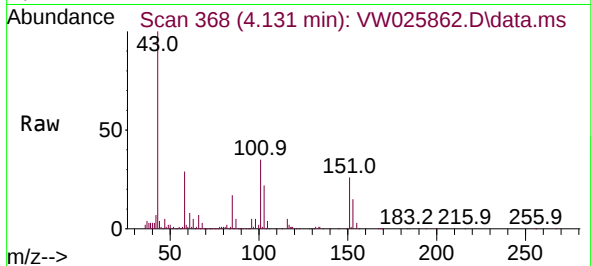




#13
Acetone
Concen: 37.186 ug/L
RT: 4.131 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW025862.D
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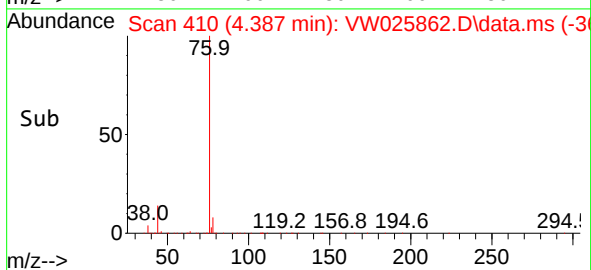
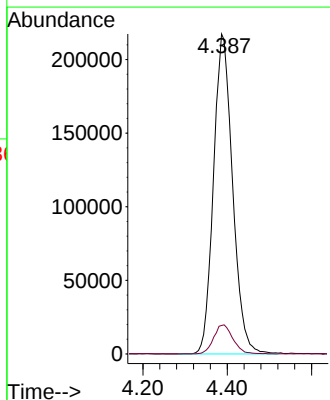
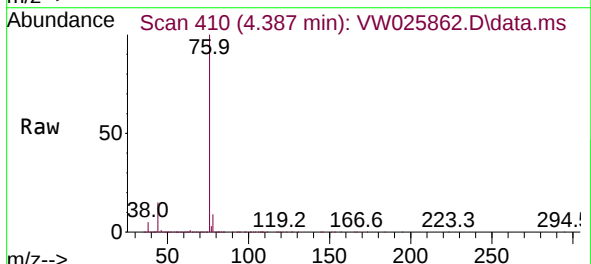
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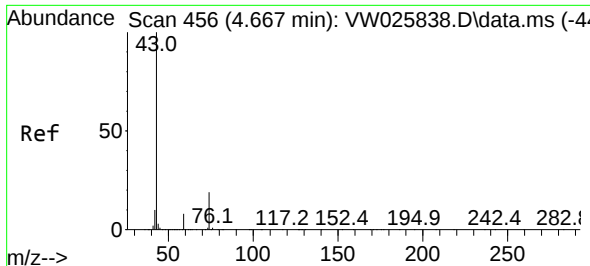
Tgt Ion: 43 Resp: 95631
Ion Ratio Lower Upper
43 100
58 31.1 0.0 58.2



#14
Carbon disulfide
Concen: 24.364 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 682211
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

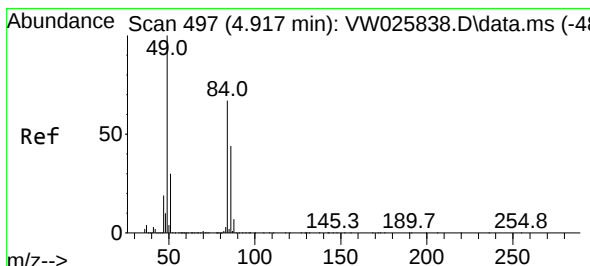
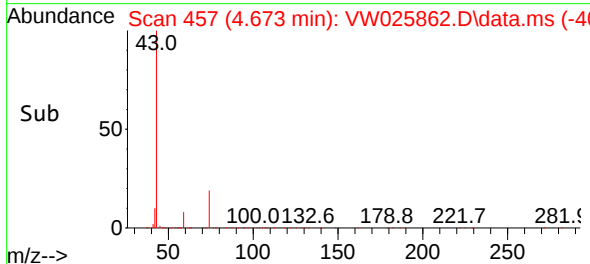
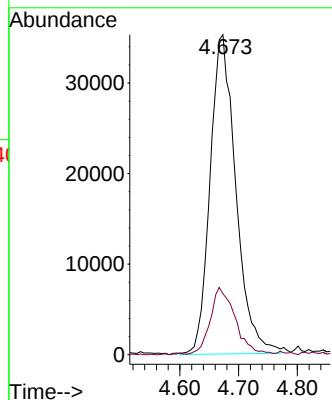
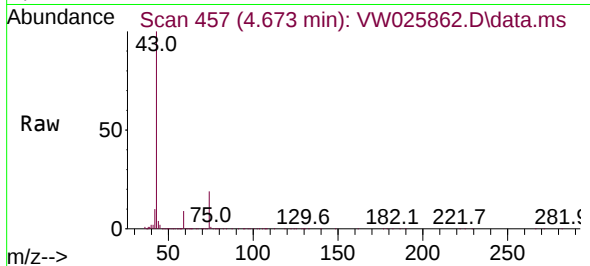




#15
Methyl Acetate
Concen: 21.188 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

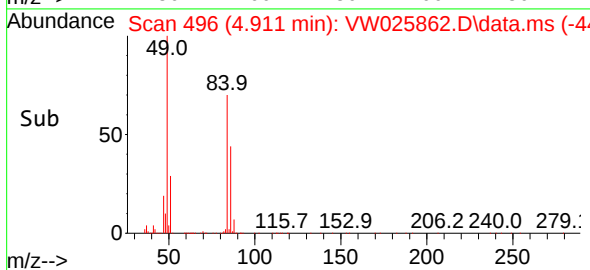
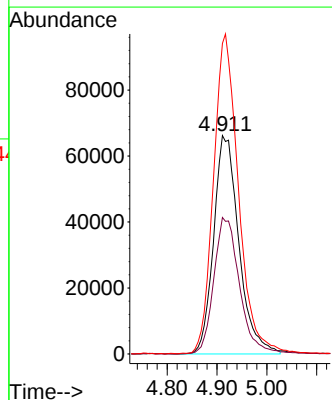
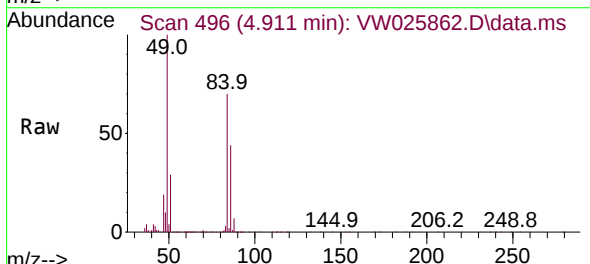
Instrument :
MSVOA_W
ClientSampleId :

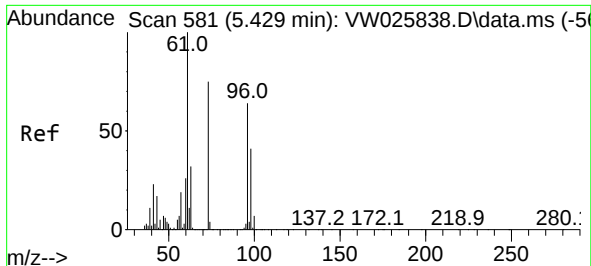
Tgt Ion: 43 Resp: 107379
Ion Ratio Lower Upper
43 100
74 19.8 16.5 24.7



#16
Methylene chloride
Concen: 18.261 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion: 84 Resp: 233158
Ion Ratio Lower Upper
84 100
86 62.5 41.7 77.5
49 142.2 95.3 177.1

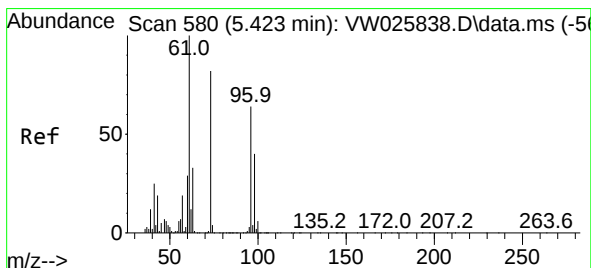
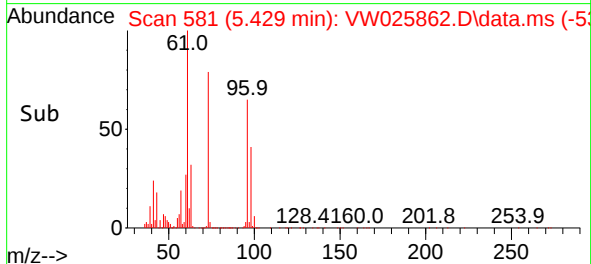
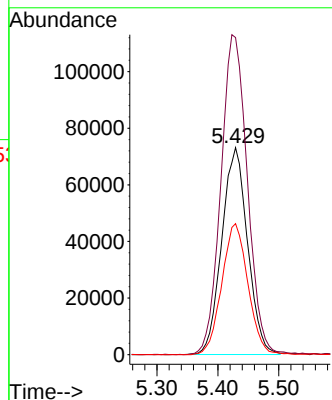
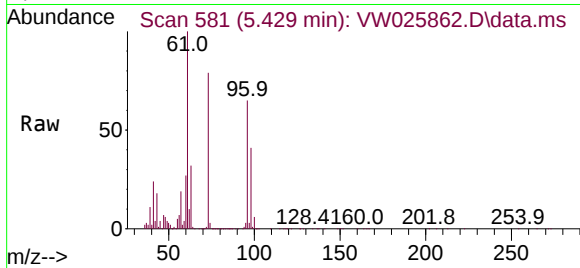




#17
trans-1,2-Dichloroethene
Concen: 23.770 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

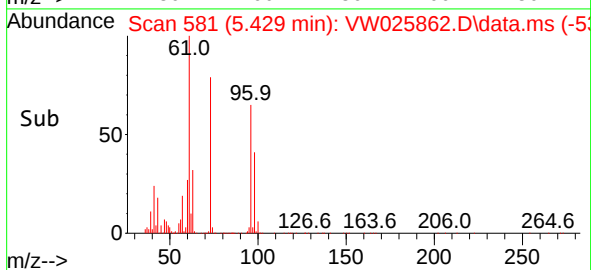
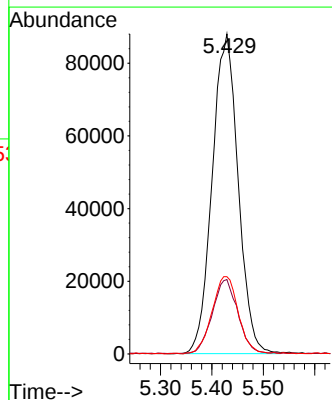
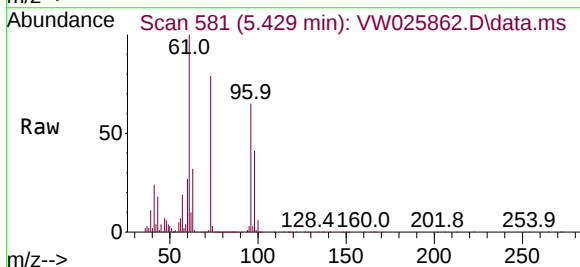
Instrument :
MSVOA_W
ClientSampleId :

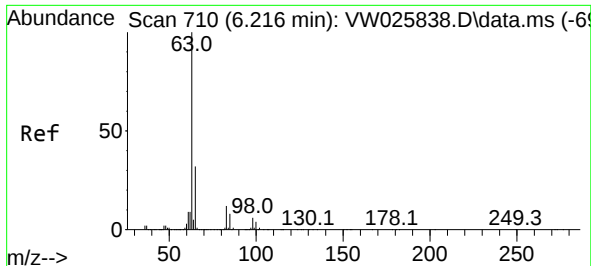
Tgt Ion: 96 Resp: 214707
Ion Ratio Lower Upper
96 100
61 153.1 108.1 200.9
98 63.3 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 22.469 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion: 73 Resp: 308032
Ion Ratio Lower Upper
73 100
43 22.7 18.2 27.4
57 24.5 19.2 28.8





#19

1,1-Dichloroethane

Concen: 24.452 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

ClientSampleId :

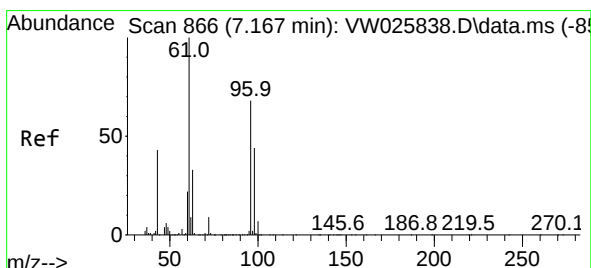
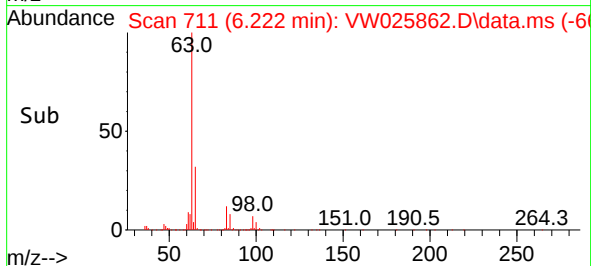
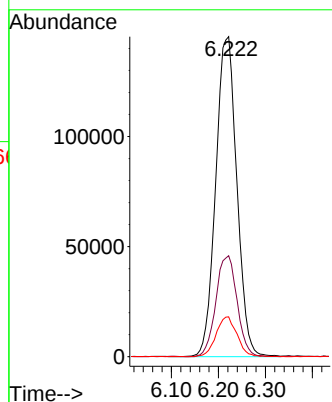
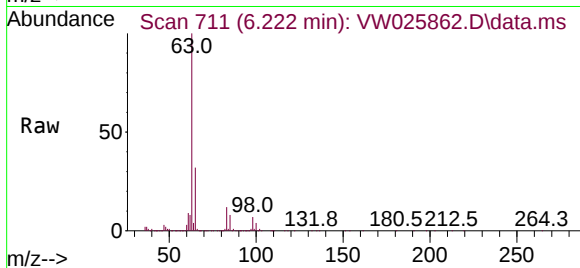
Tgt Ion: 63 Resp: 453796

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 12.4 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 23.719 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

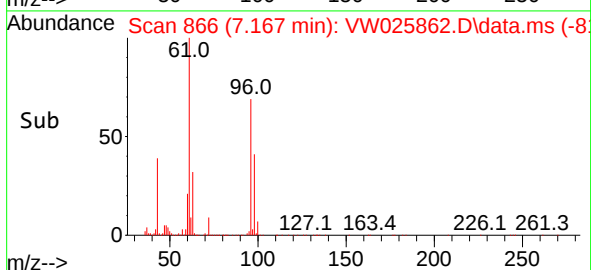
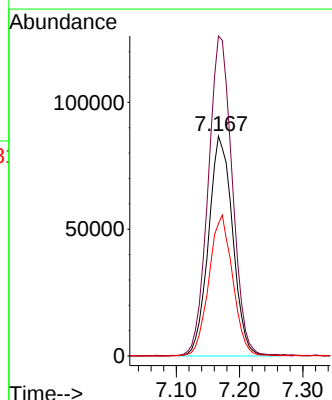
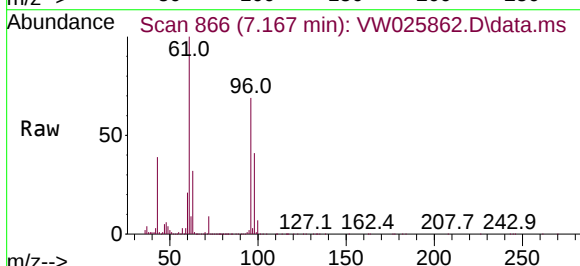
Tgt Ion: 96 Resp: 229859

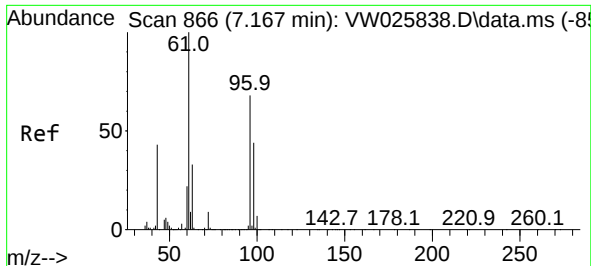
Ion Ratio Lower Upper

96 100

61 145.6 98.6 183.0

98 60.1 45.2 84.0

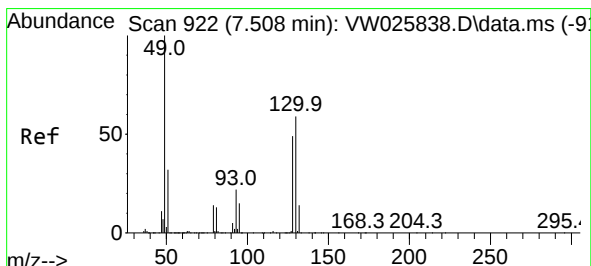
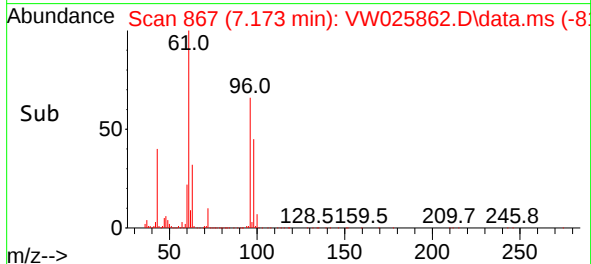
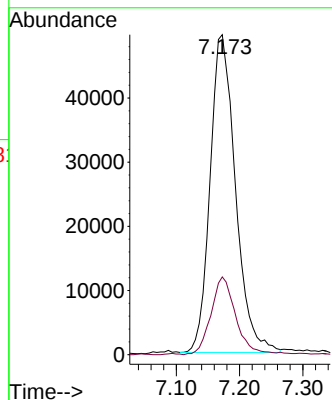
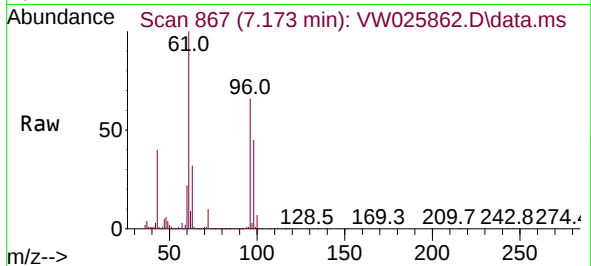




#22
2-Butanone
Concen: 38.851 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

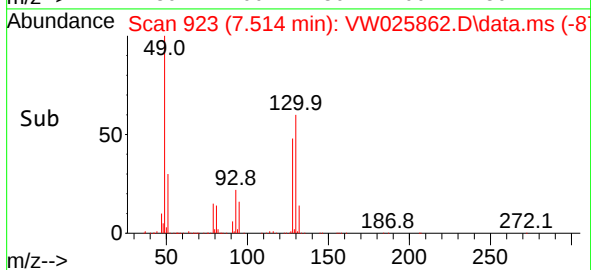
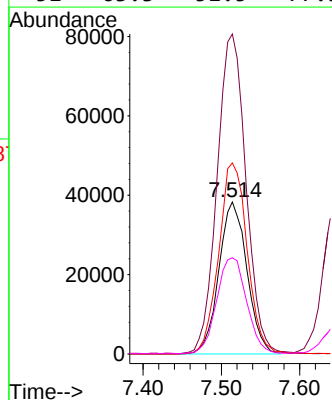
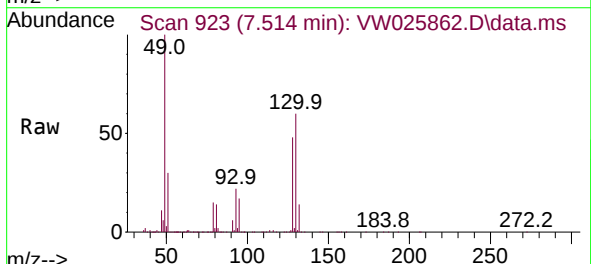
Instrument :
MSVOA_W
ClientSampleId :

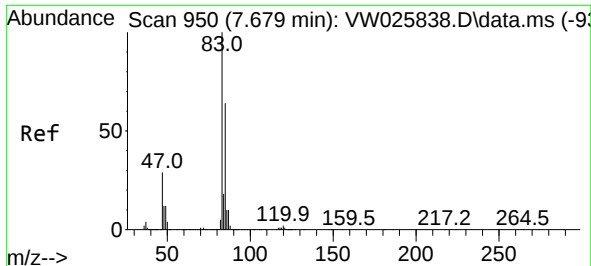
Tgt Ion: 43 Resp: 137959
Ion Ratio Lower Upper
43 100
72 23.8 11.8 35.4



#23
Bromochloromethane
Concen: 23.275 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion: 128 Resp: 95555
Ion Ratio Lower Upper
128 100
49 210.4 151.5 281.5
130 125.7 91.3 169.6
51 63.3 51.5 77.3

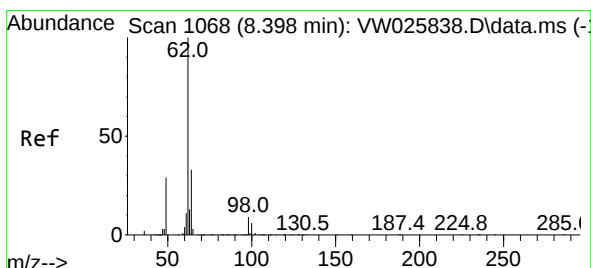
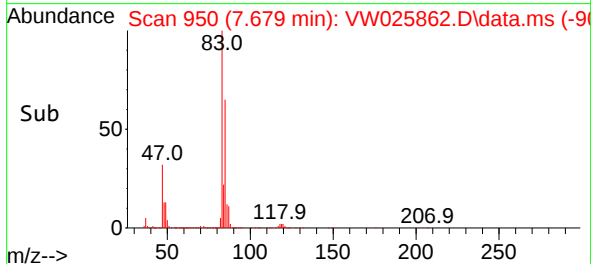
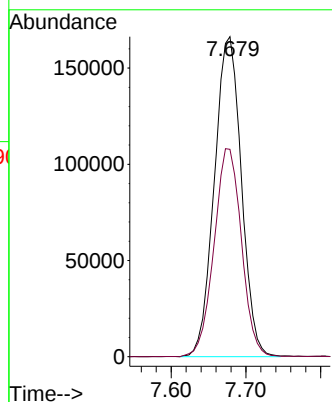
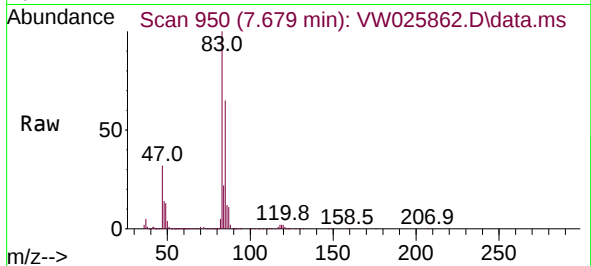




#25
Chloroform
Concen: 24.542 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

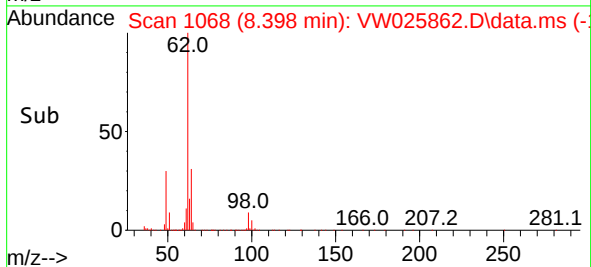
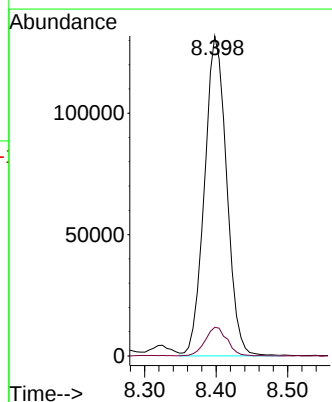
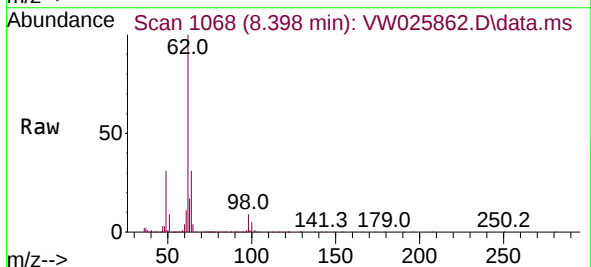
Instrument :
MSVOA_W
ClientSampleId :

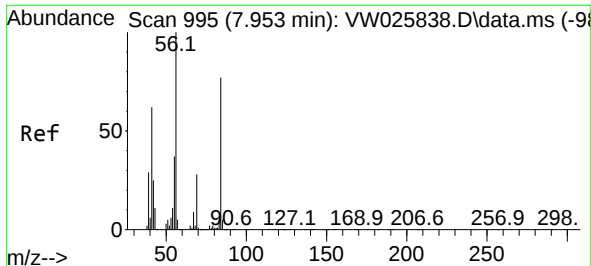
Tgt Ion: 83 Resp: 418609
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 23.417 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion: 62 Resp: 283660
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8

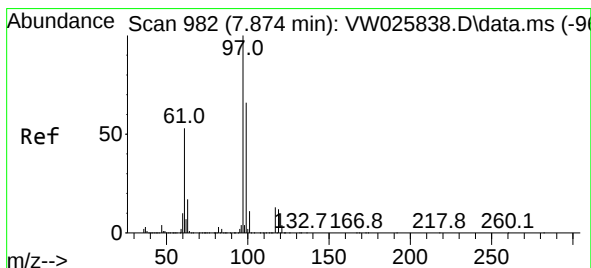
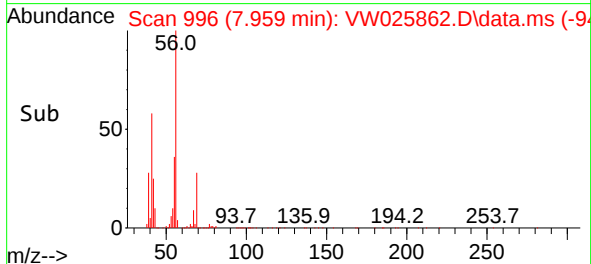
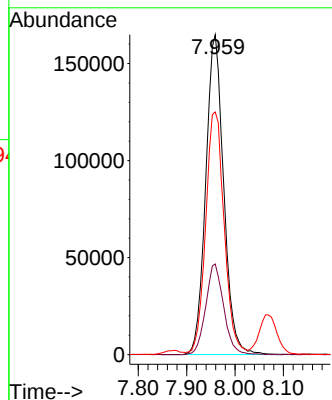
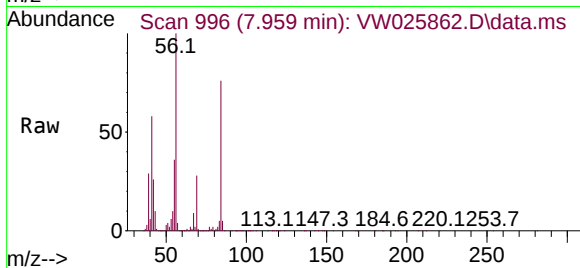




#29
Cyclohexane
Concen: 25.480 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

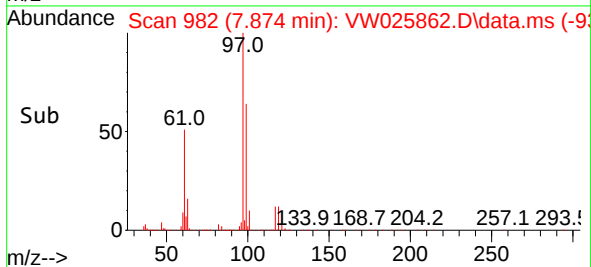
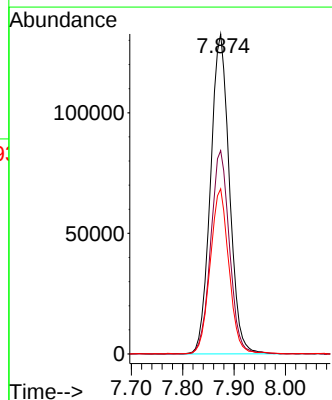
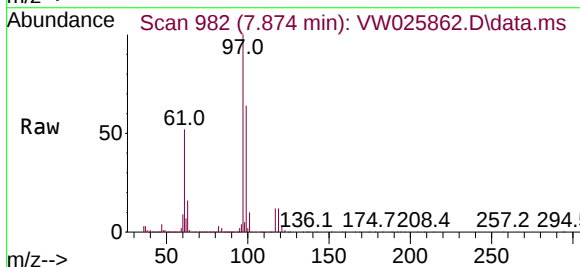
Instrument :
MSVOA_W
ClientSampleId :

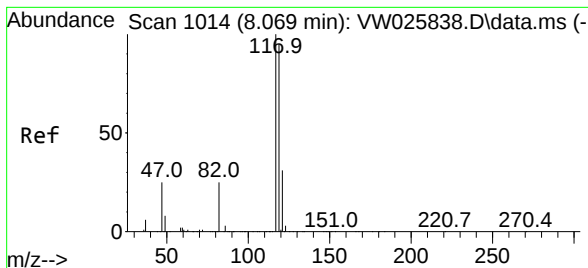
Tgt Ion: 56 Resp: 425188
Ion Ratio Lower Upper
56 100
69 28.4 23.4 35.0
84 78.2 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 25.686 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion: 97 Resp: 338265
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 51.0 40.4 60.6





#31

Carbon tetrachloride

Concen: 25.806 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

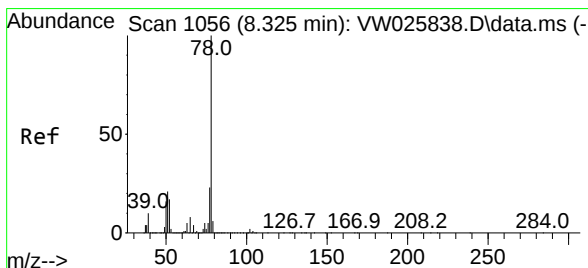
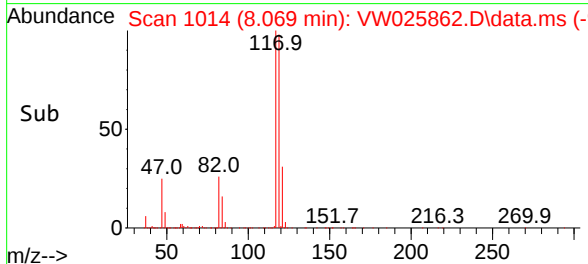
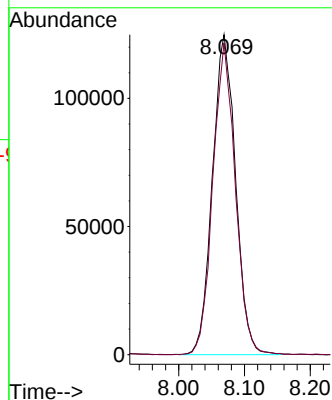
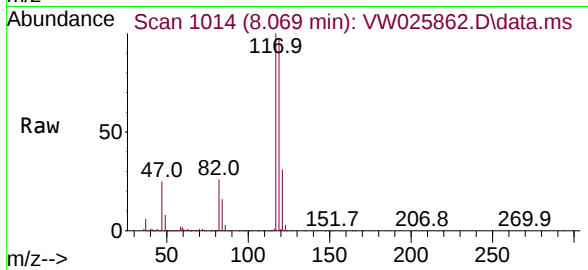
ClientSampleId :

Tgt Ion:117 Resp: 305838

Ion Ratio Lower Upper

117 100

119 94.4 76.9 115.3



#33

Benzene

Concen: 25.503 ug/L

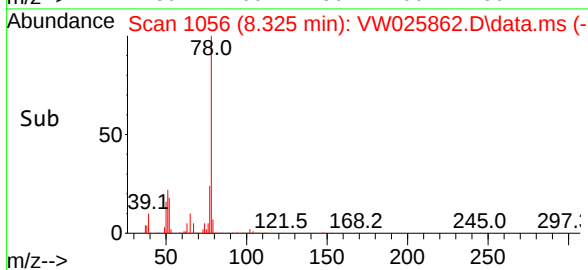
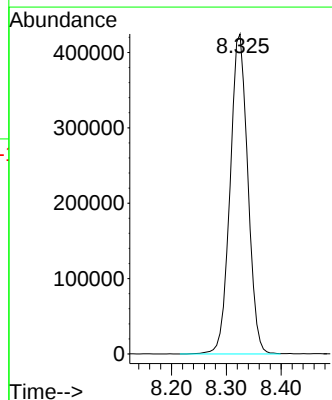
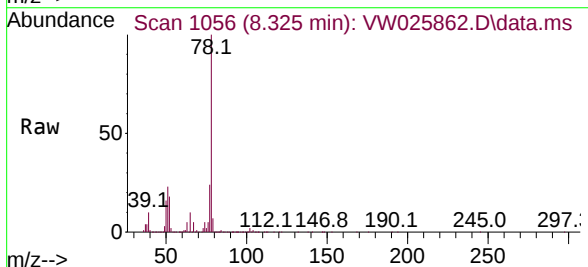
RT: 8.325 min Scan# 1056

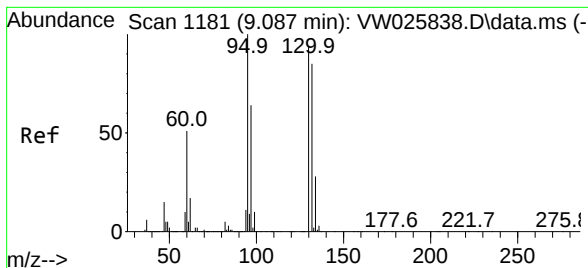
Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Tgt Ion: 78 Resp: 950110





#34

Trichloroethene

Concen: 24.893 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

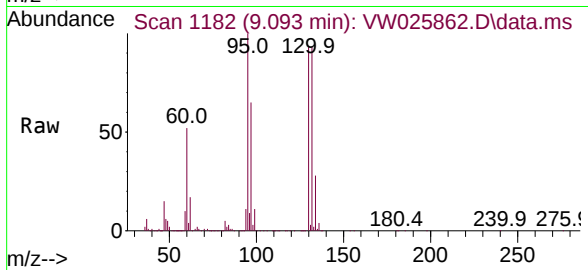
Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 237971

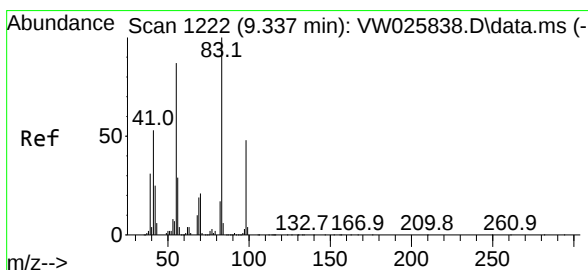
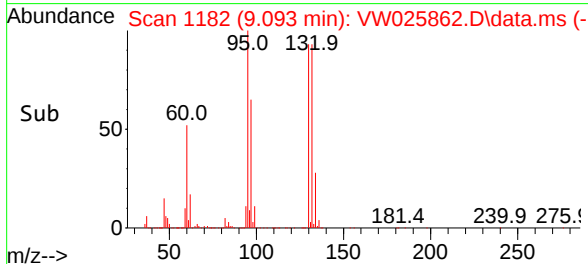
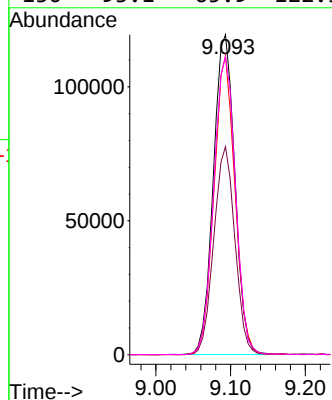
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 93.4 66.0 122.6

130 93.1 65.9 122.3



#35

Methylcyclohexane

Concen: 25.573 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

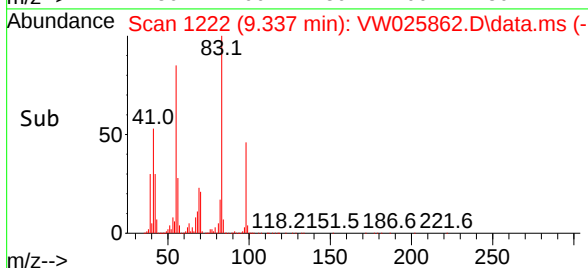
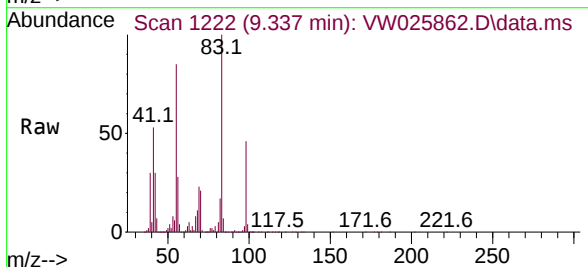
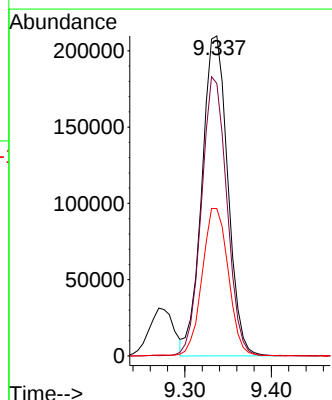
Tgt Ion: 83 Resp: 434819

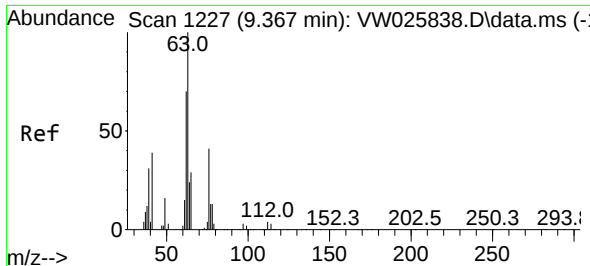
Ion Ratio Lower Upper

83 100

55 85.7 69.0 103.4

98 46.7 37.1 55.7





#37

1,2-Dichloropropane

Concen: 25.171 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

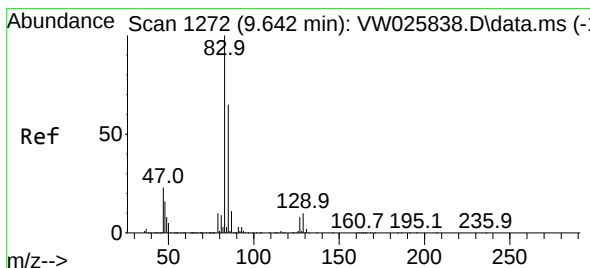
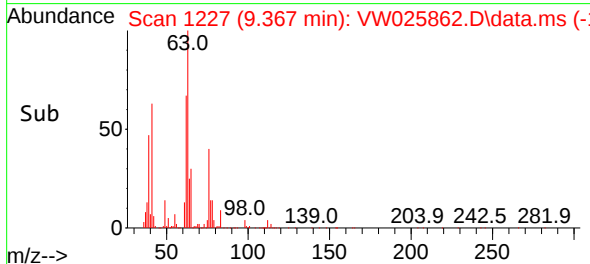
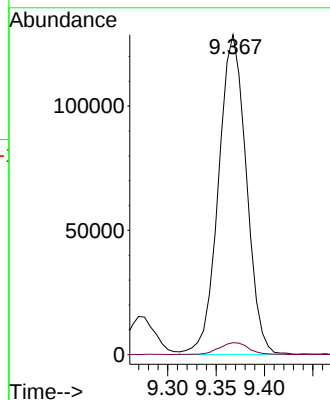
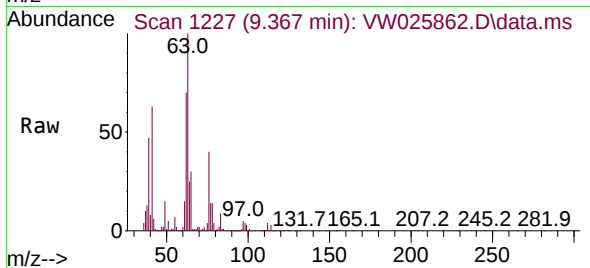
ClientSampleId :

Tgt Ion: 63 Resp: 256919

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 24.464 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

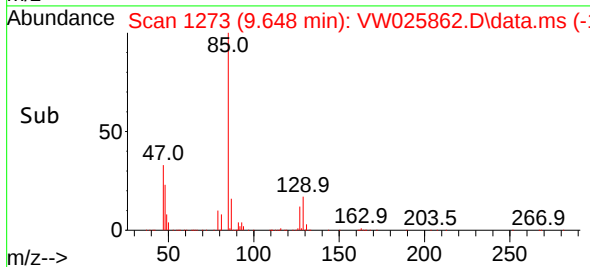
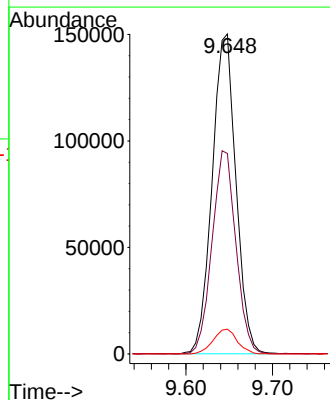
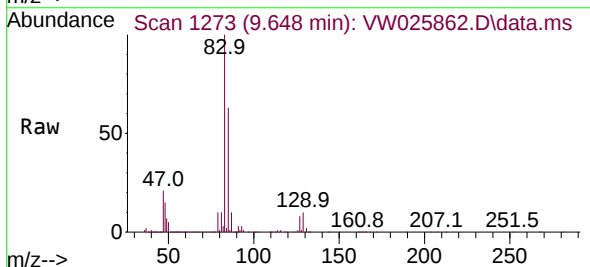
Tgt Ion: 83 Resp: 286475

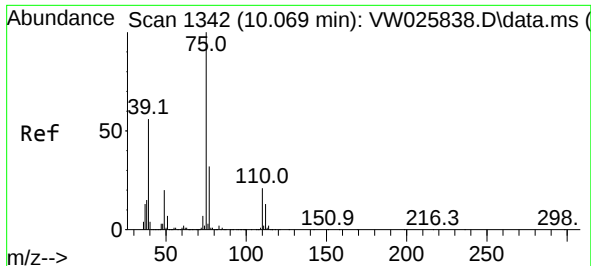
Ion Ratio Lower Upper

83 100

85 62.7 44.4 82.5

127 7.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 24.538 ug/L

RT: 10.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

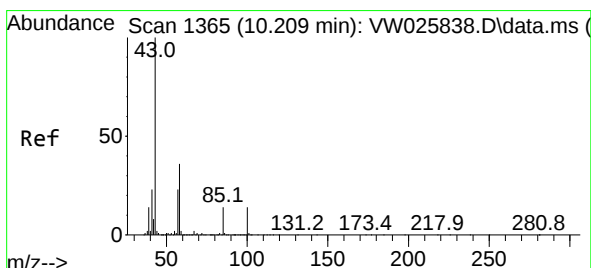
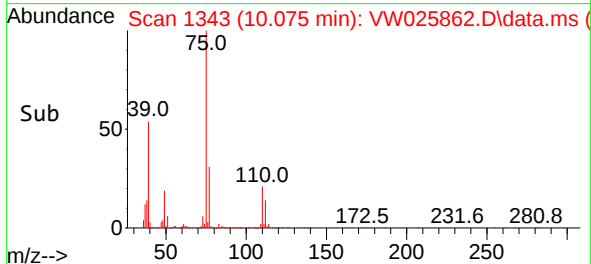
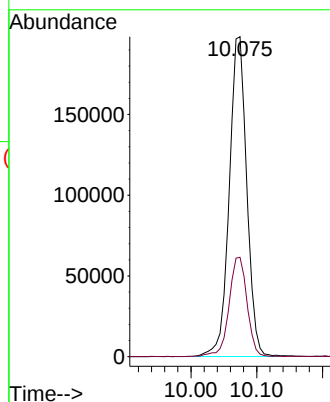
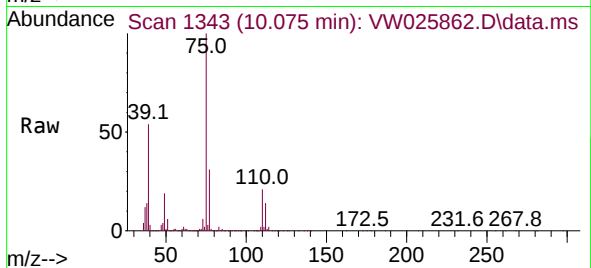
ClientSampleId :

Tgt Ion: 75 Resp: 367294

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 44.012 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

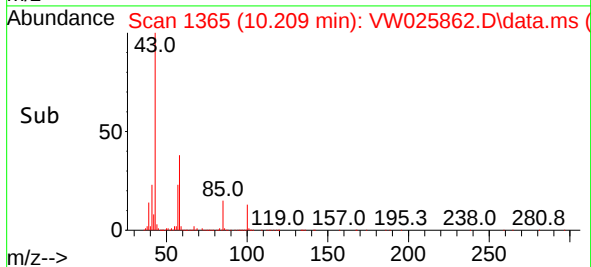
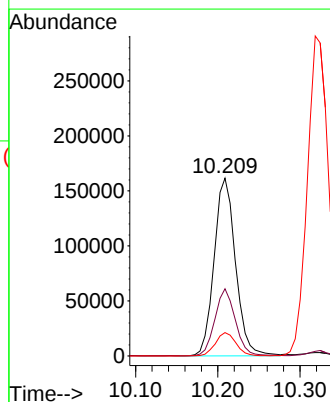
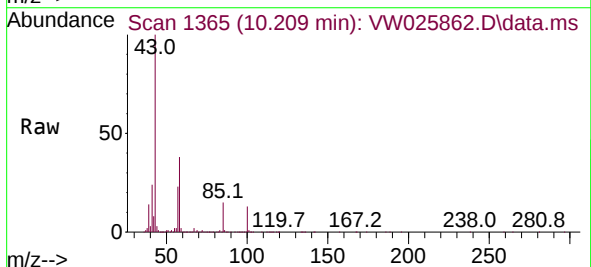
Tgt Ion: 43 Resp: 292404

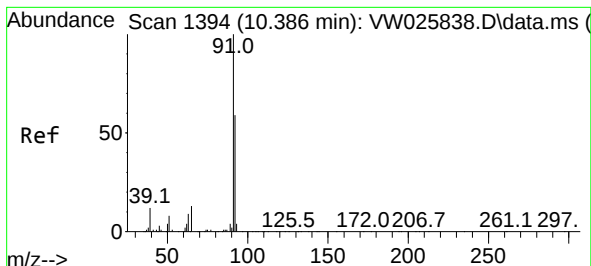
Ion Ratio Lower Upper

43 100

58 36.1 29.4 44.0

100 12.8 10.1 15.1





#42

Toluene

Concen: 25.930 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

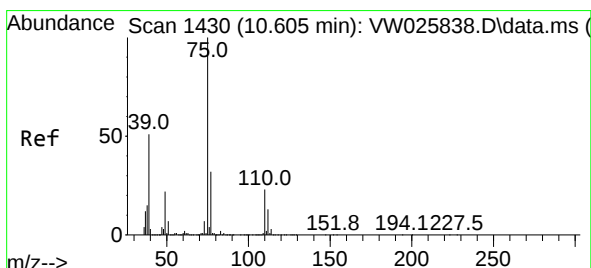
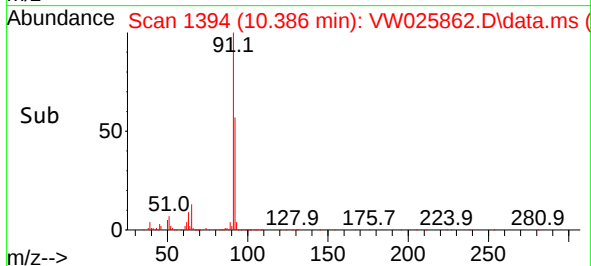
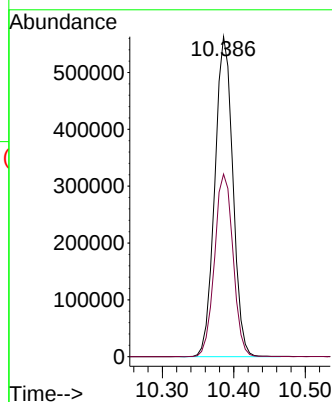
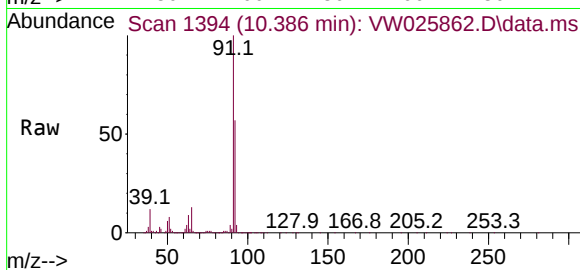
ClientSampleId :

Tgt Ion: 91 Resp: 987064

Ion Ratio Lower Upper

91 100

92 57.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 24.322 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW025862.D

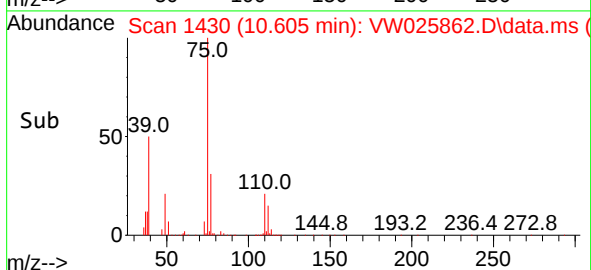
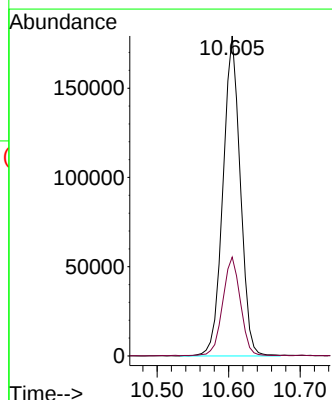
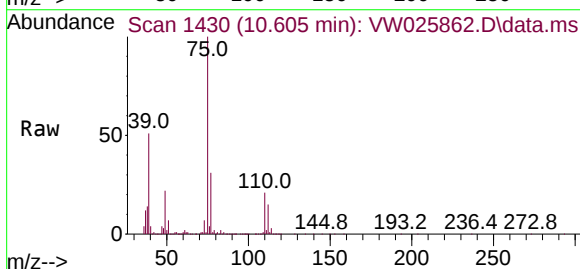
Acq: 05 May 2023 09:31

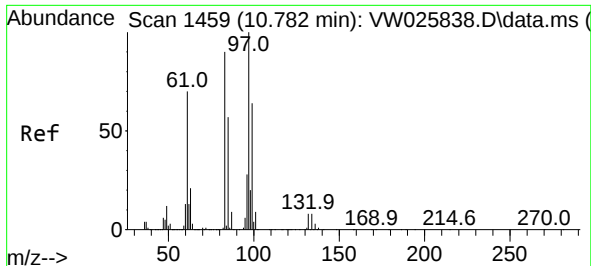
Tgt Ion: 75 Resp: 301660

Ion Ratio Lower Upper

75 100

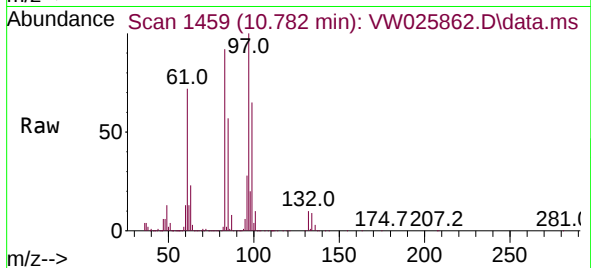
77 30.9 21.8 40.4



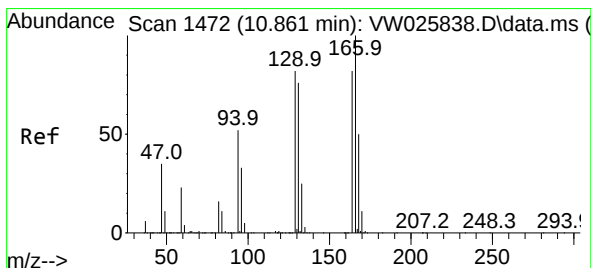
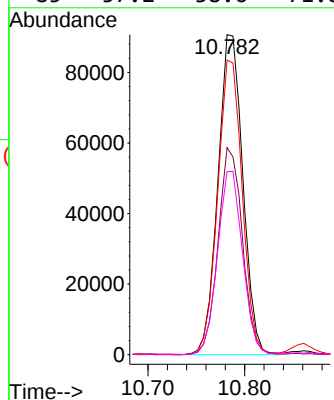
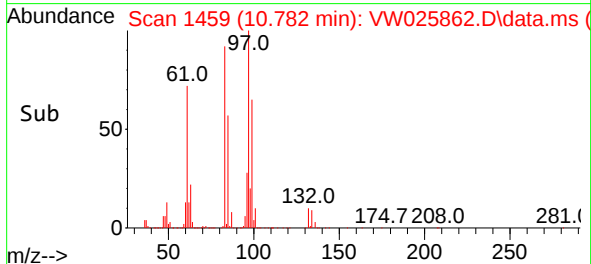


#45
1,1,2-Trichloroethane
Concen: 23.738 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

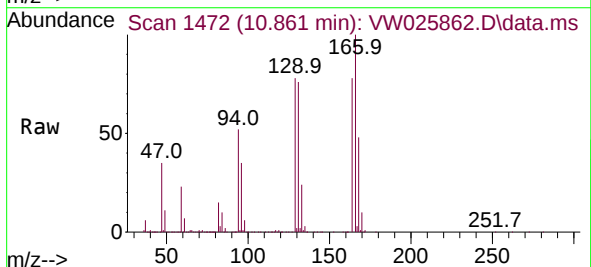
Instrument :
MSVOA_W
ClientSampleId :



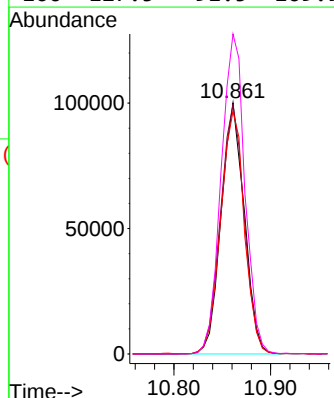
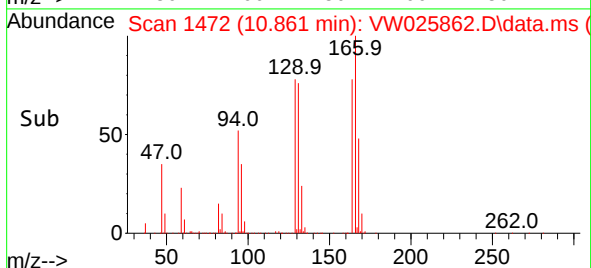
Tgt Ion: 97 Resp: 162079
Ion Ratio Lower Upper
97 100
99 64.7 44.5 82.7
83 92.1 63.0 117.0
85 57.2 38.6 71.8

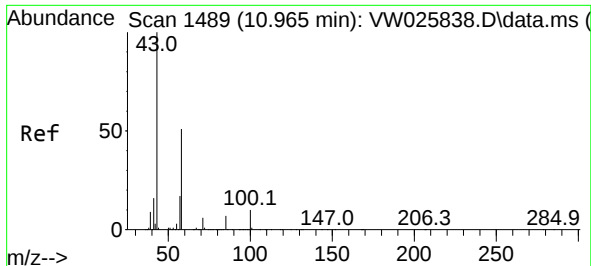


#46
Tetrachloroethene
Concen: 24.644 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31



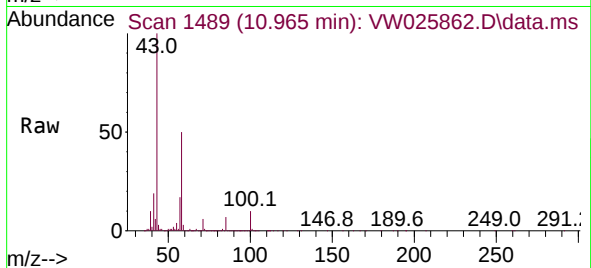
Tgt Ion:164 Resp: 165741
Ion Ratio Lower Upper
164 100
129 99.5 74.3 138.1
131 96.6 71.3 132.3
166 127.5 91.5 169.9



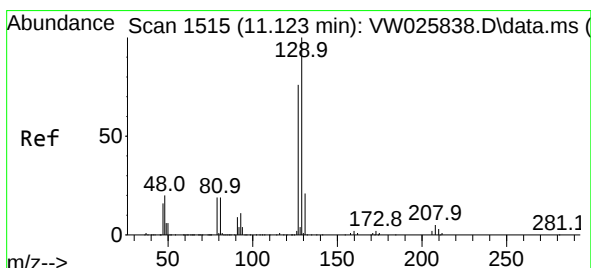
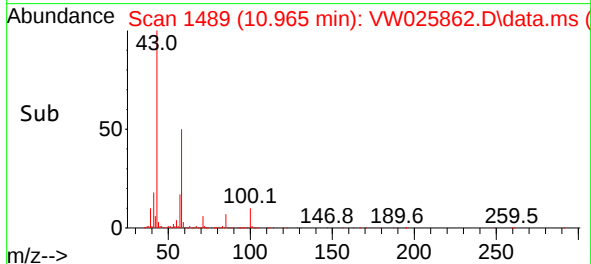
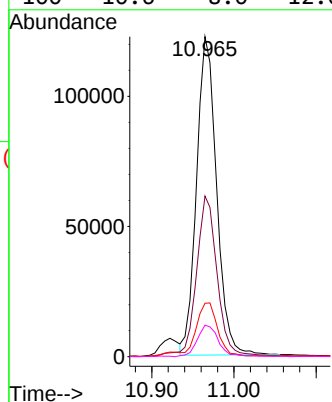


#48
2-Hexanone
Concen: 43.573 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Instrument :
MSVOA_W
ClientSampleId :

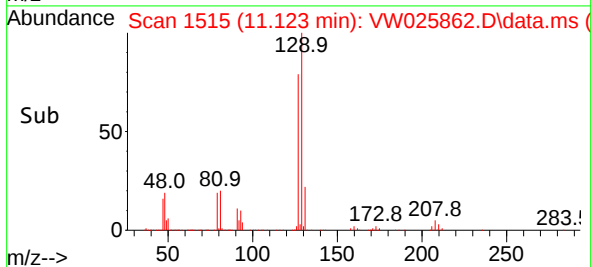
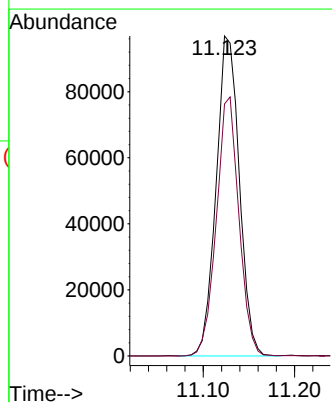
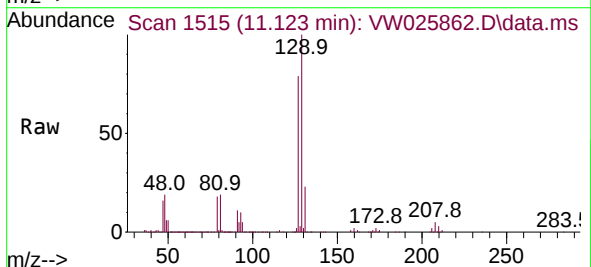


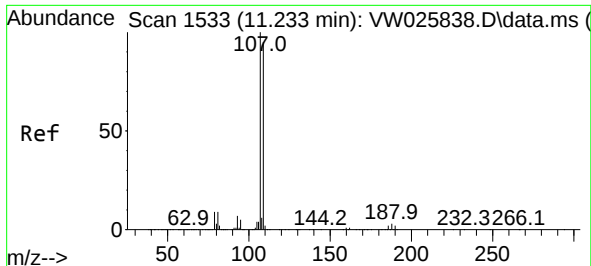
Tgt Ion: 43 Resp: 207383
Ion Ratio Lower Upper
43 100
58 52.6 40.8 61.2
57 17.7 13.6 20.4
100 10.6 8.0 12.0



#49
Dibromochloromethane
Concen: 24.193 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion: 129 Resp: 171015
Ion Ratio Lower Upper
129 100
127 78.8 56.1 104.3





#50

1,2-Dibromoethane

Concen: 23.379 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

ClientSampleId :

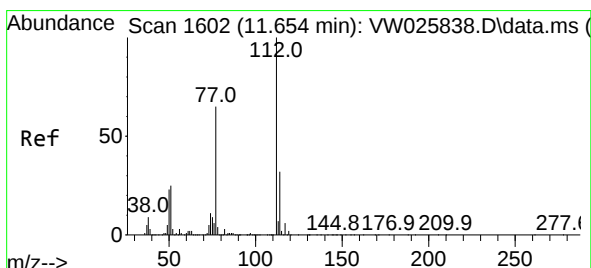
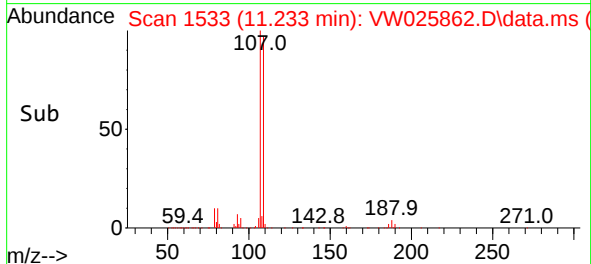
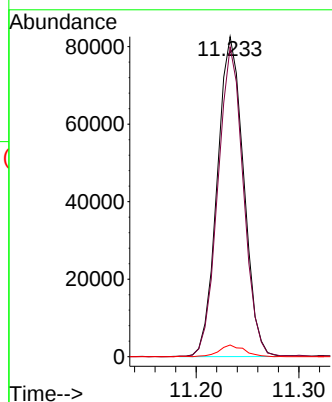
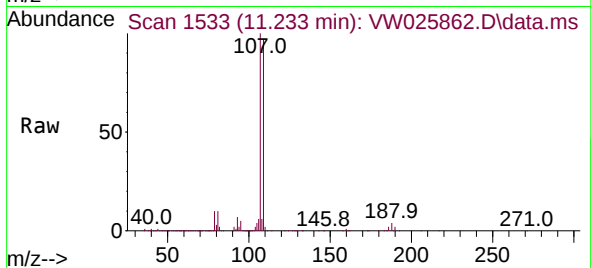
Tgt Ion:107 Resp: 147152

Ion Ratio Lower Upper

107 100

109 96.8 67.5 125.4

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 24.945 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

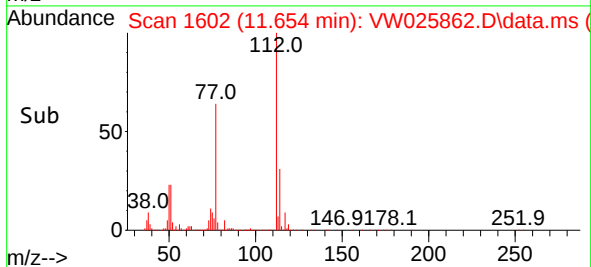
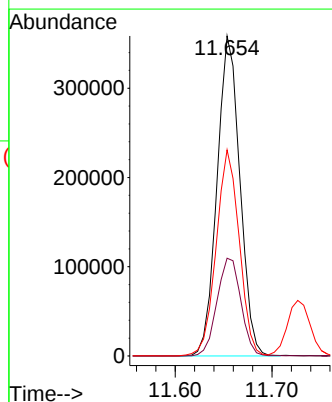
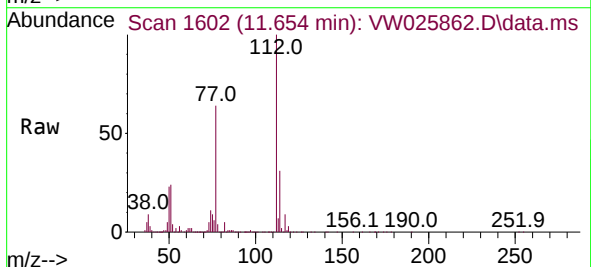
Tgt Ion:112 Resp: 588258

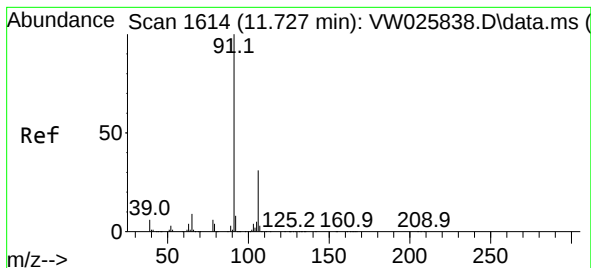
Ion Ratio Lower Upper

112 100

114 30.5 22.7 42.3

77 64.4 53.0 79.6

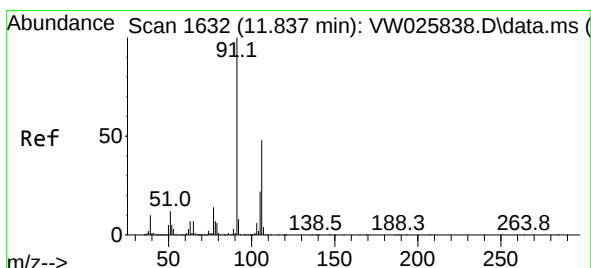
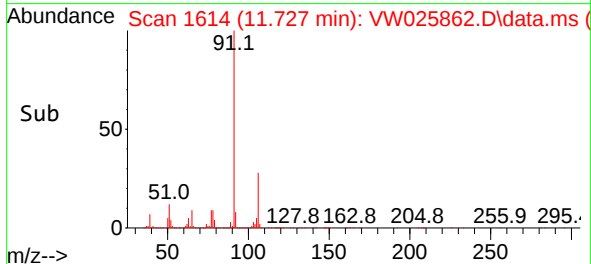
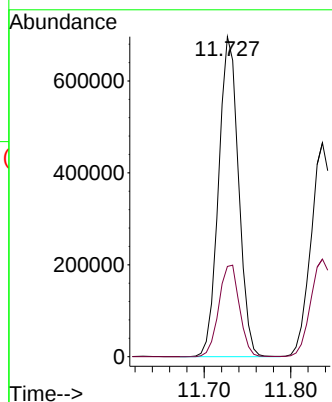
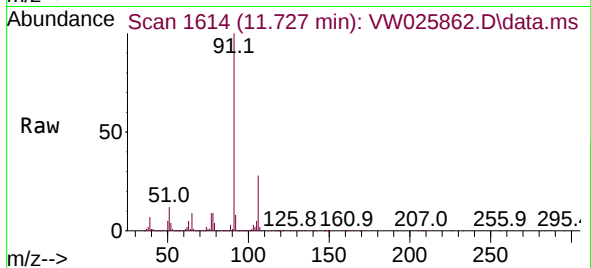




#52
Ethylbenzene
Concen: 26.039 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

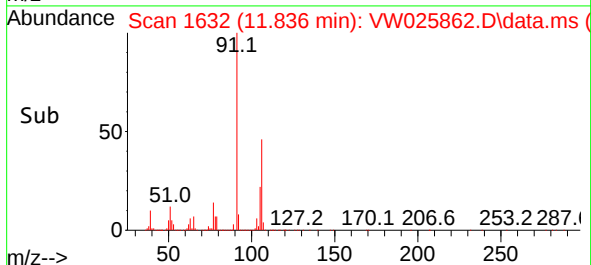
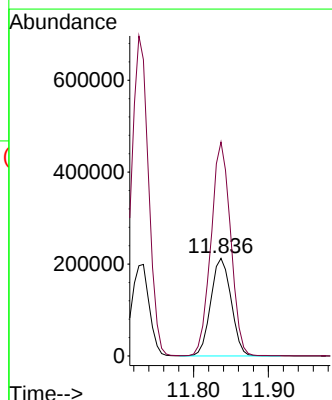
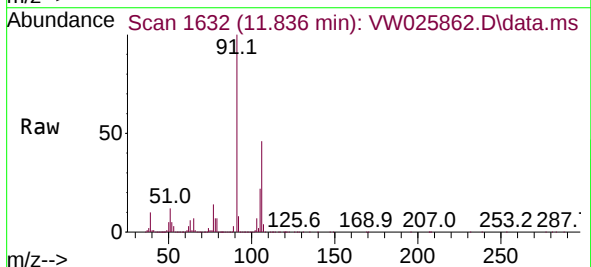
Instrument :
MSVOA_W
ClientSampleId :

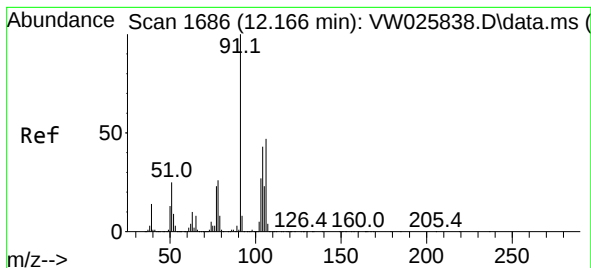
Tgt Ion: 91 Resp: 1114976
Ion Ratio Lower Upper
91 100
106 28.2 20.8 38.6



#53
m,p-Xylene
Concen: 25.517 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion:106 Resp: 402137
Ion Ratio Lower Upper
106 100
91 219.1 150.1 278.9

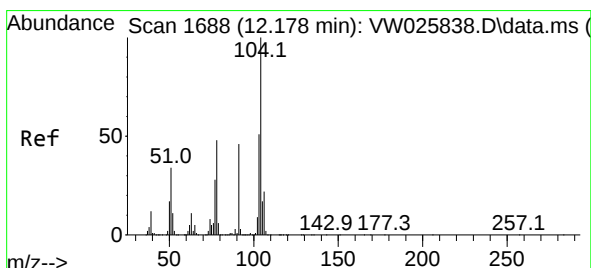
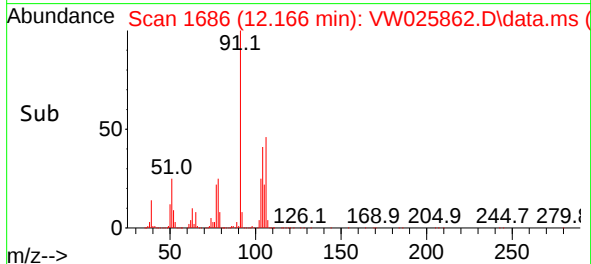
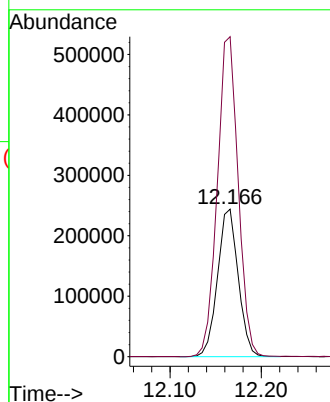
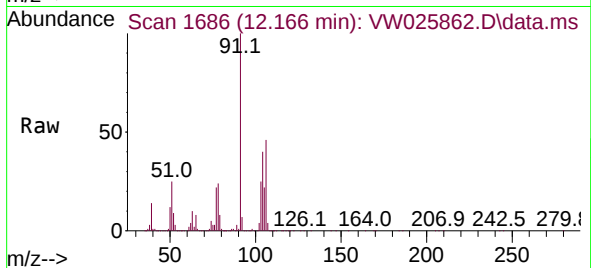




#54
o-Xylene
Concen: 25.872 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

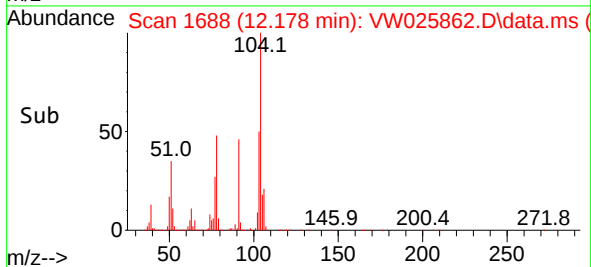
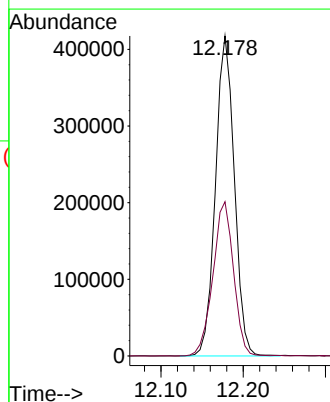
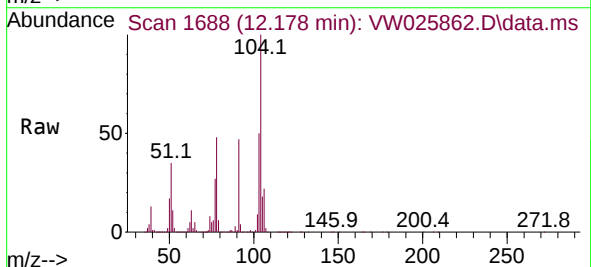
Instrument :
MSVOA_W
ClientSampleId :

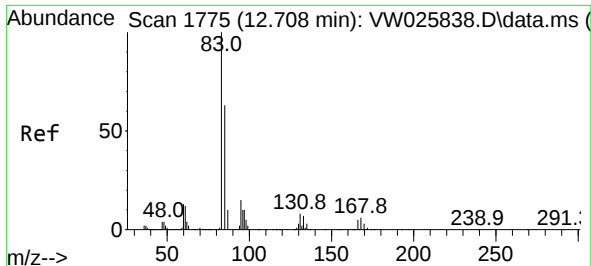
Tgt Ion:106 Resp: 384316
Ion Ratio Lower Upper
106 100
91 216.9 157.8 293.1



#55
Styrene
Concen: 26.185 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion:104 Resp: 665729
Ion Ratio Lower Upper
104 100
78 48.2 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.118 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

ClientSampleId :

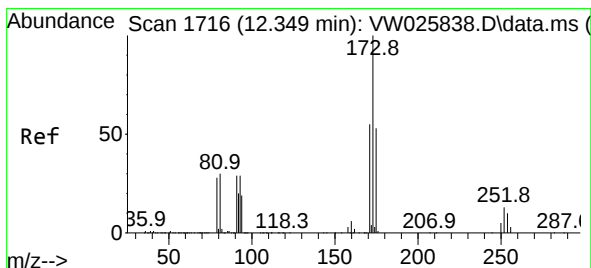
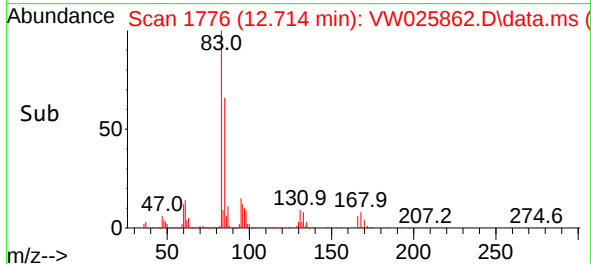
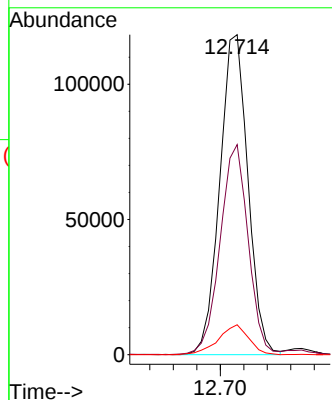
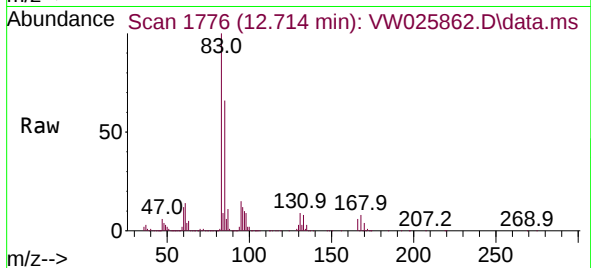
Tgt Ion: 83 Resp: 196953

Ion Ratio Lower Upper

83 100

85 65.7 45.6 84.8

131 9.3 8.1 12.1



#59

Bromoform

Concen: 23.094 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

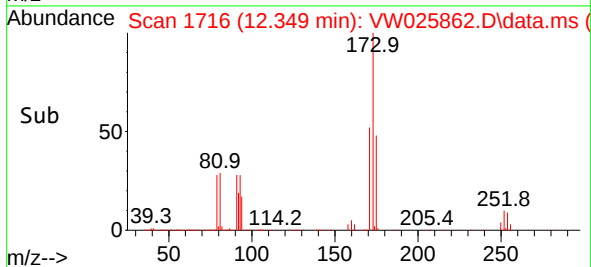
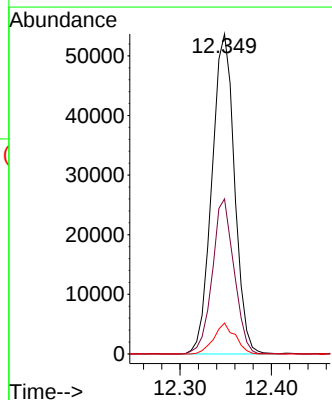
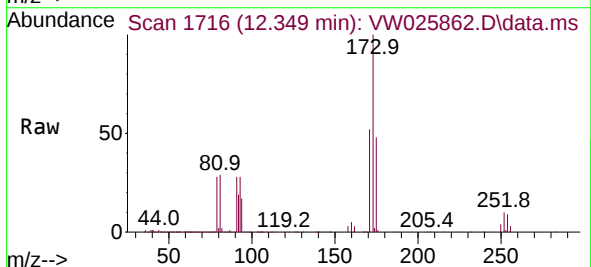
Tgt Ion: 173 Resp: 92188

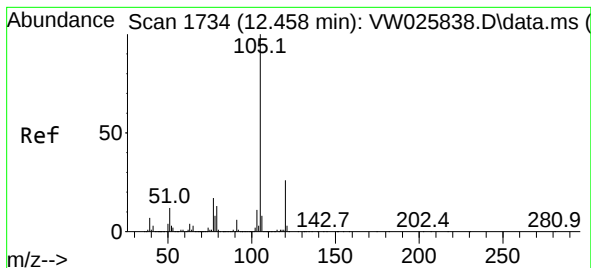
Ion Ratio Lower Upper

173 100

175 46.5 38.6 57.8

254 9.1 7.6 11.4





#60

Isopropylbenzene

Concen: 26.325 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

ClientSampleId :

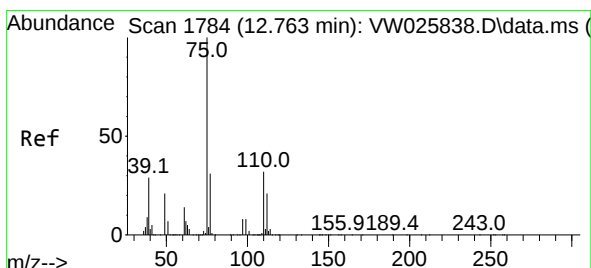
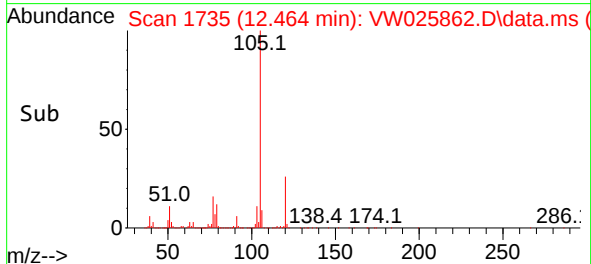
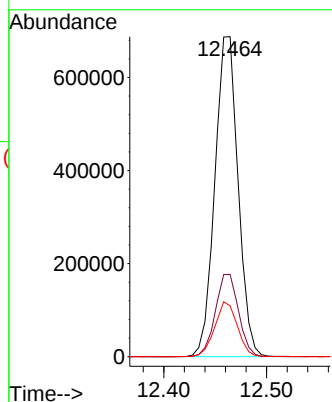
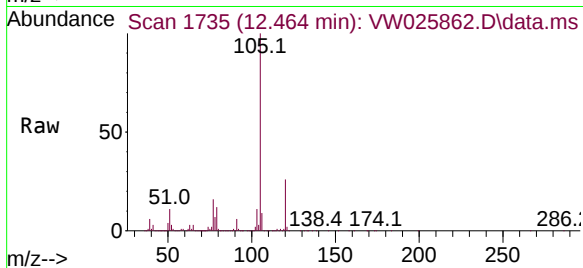
Tgt Ion:105 Resp: 1078430

Ion Ratio Lower Upper

105 100

120 25.8 21.1 31.7

77 16.6 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 22.314 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

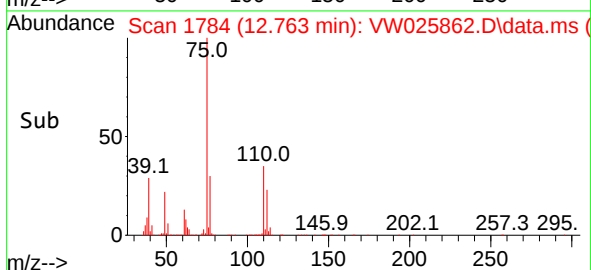
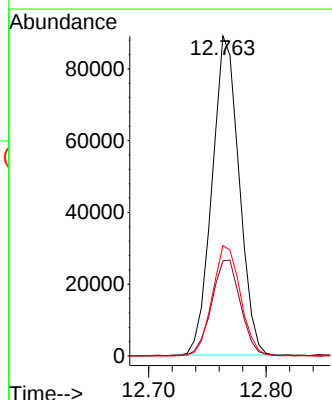
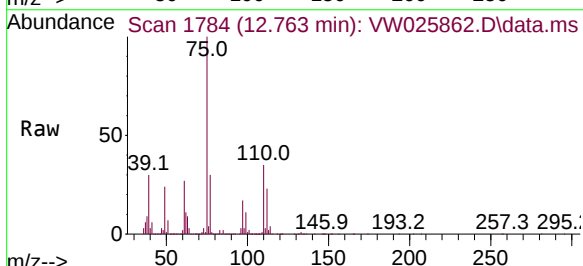
Tgt Ion: 75 Resp: 142124

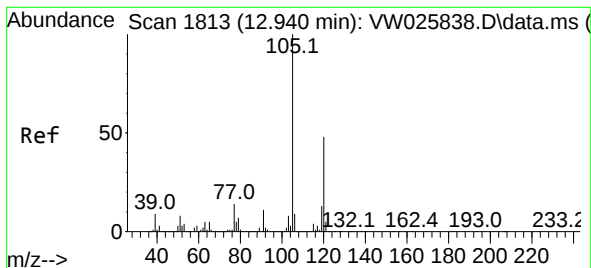
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

110 36.1 27.6 41.4

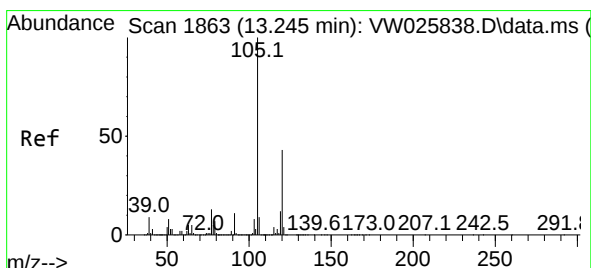
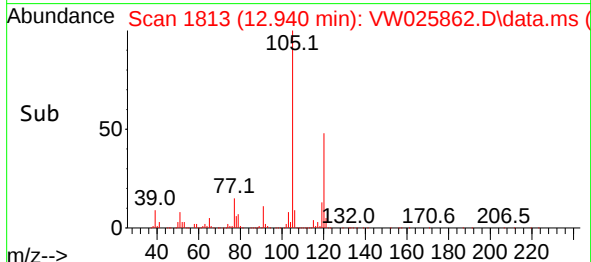
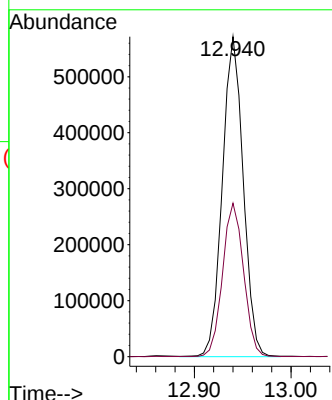
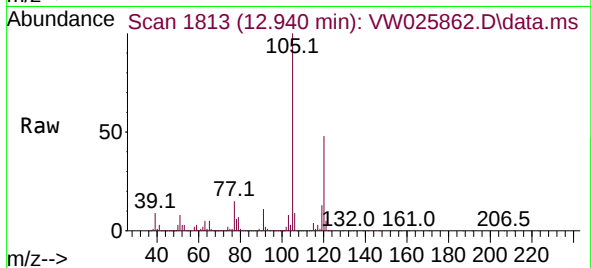




#62
1,3,5-Trimethylbenzene
Concen: 26.404 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

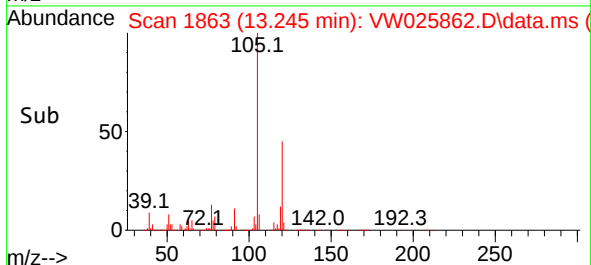
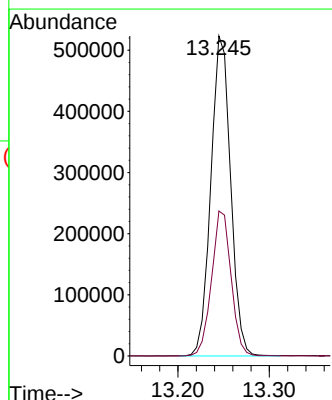
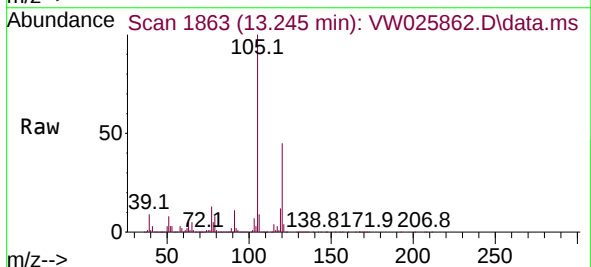
Instrument :
MSVOA_W
ClientSampleId :

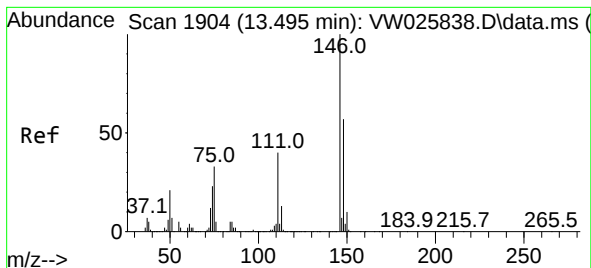
Tgt Ion:105 Resp: 856733
Ion Ratio Lower Upper
105 100
120 48.0 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 26.211 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025862.D
Acq: 05 May 2023 09:31

Tgt Ion:105 Resp: 784803
Ion Ratio Lower Upper
105 100
120 44.7 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 25.285 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

ClientSampleId :

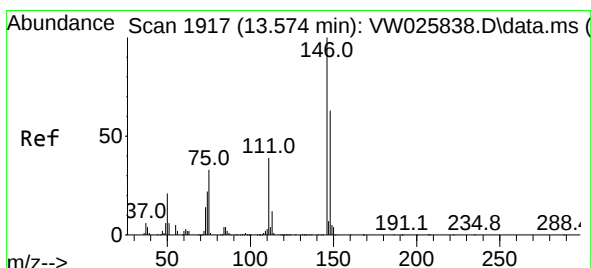
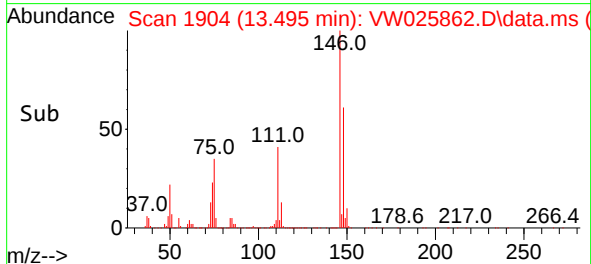
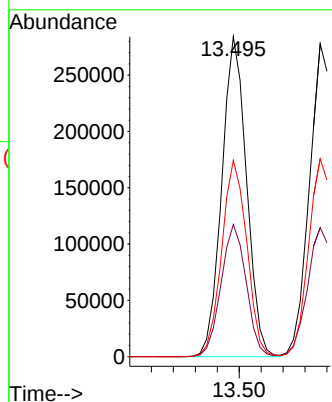
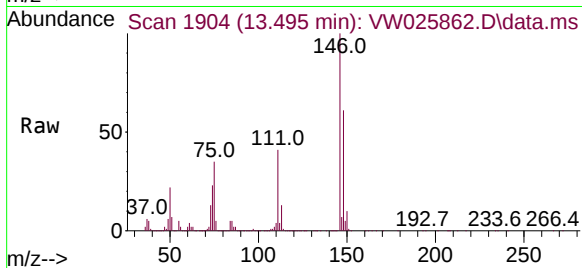
Tgt Ion:146 Resp: 445894

Ion Ratio Lower Upper

146 100

111 41.3 30.4 56.4

148 61.4 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 24.454 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

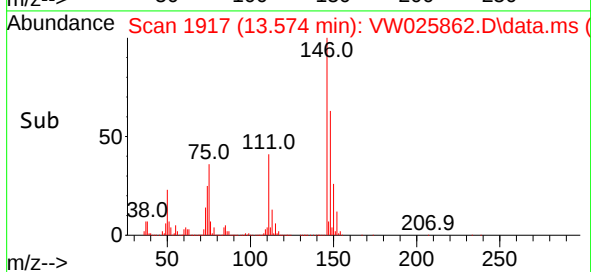
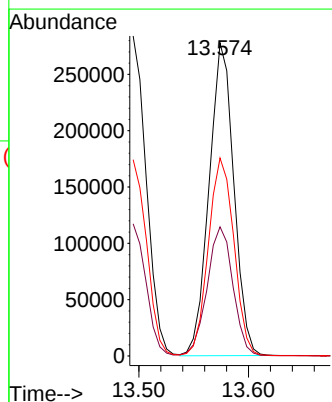
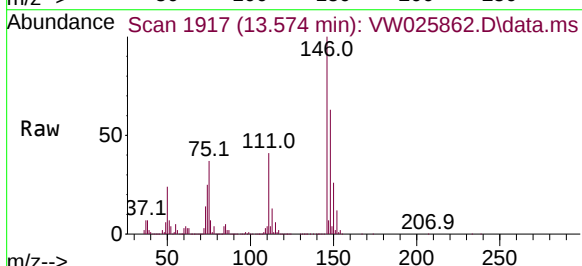
Tgt Ion:146 Resp: 435679

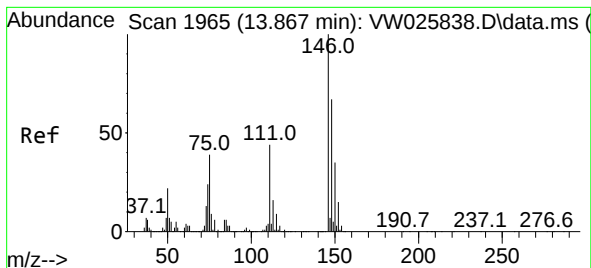
Ion Ratio Lower Upper

146 100

111 41.3 27.9 51.9

148 63.3 44.7 82.9

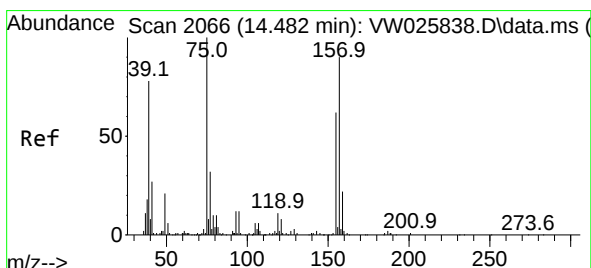
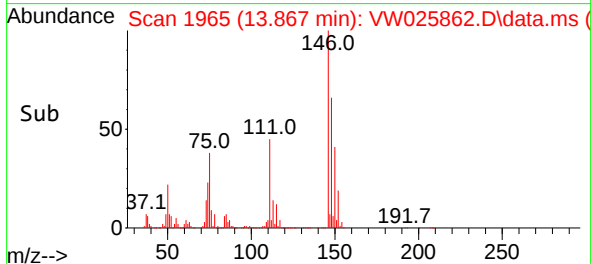
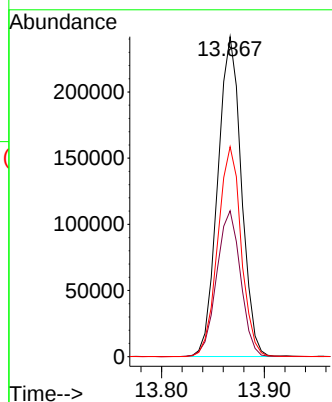
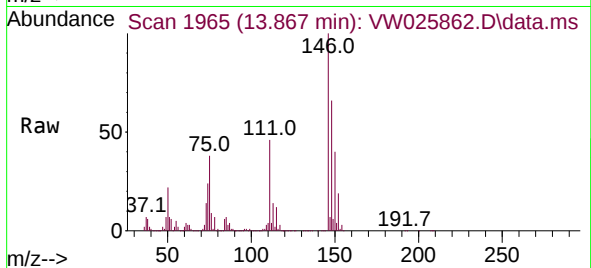




#67
 1,2-Dichlorobenzene
 Concen: 24.548 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW025862.D
 Acq: 05 May 2023 09:31

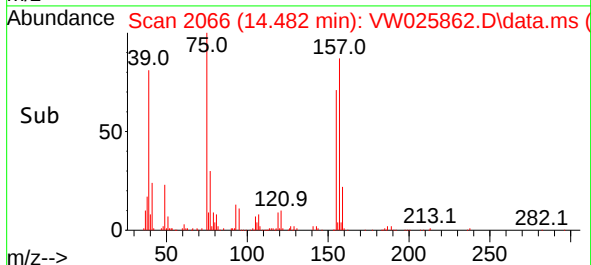
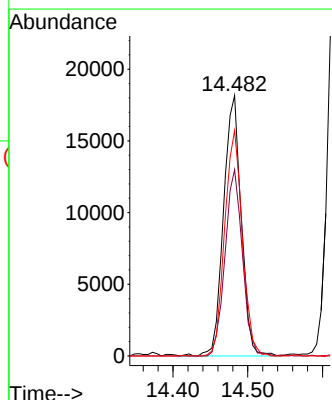
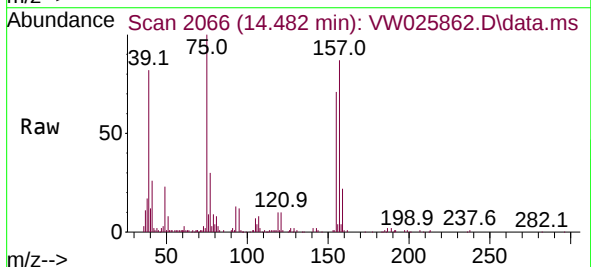
Instrument :
 MSVOA_W
 ClientSampleId :

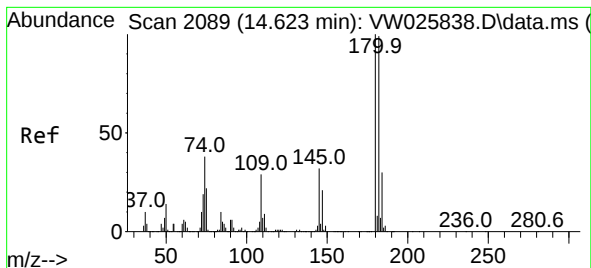
Tgt Ion:146 Resp: 386068
 Ion Ratio Lower Upper
 146 100
 111 45.6 37.7 56.5
 148 65.6 49.4 74.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 20.236 ug/L
 RT: 14.482 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VW025862.D
 Acq: 05 May 2023 09:31

Tgt Ion: 75 Resp: 29888
 Ion Ratio Lower Upper
 75 100
 155 71.5 56.3 84.5
 157 86.6 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 24.943 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 291977

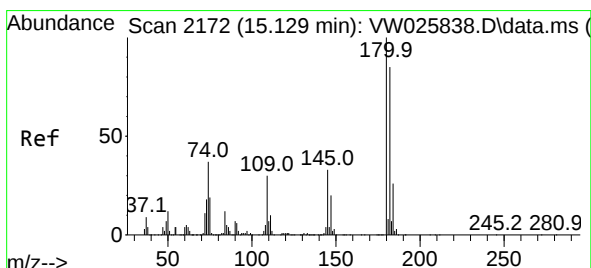
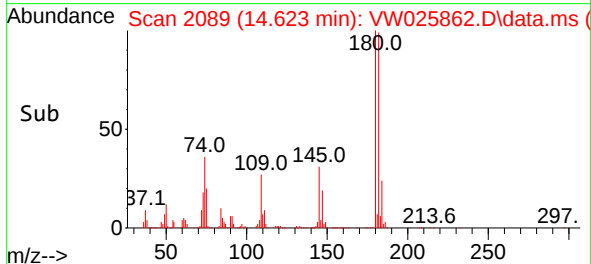
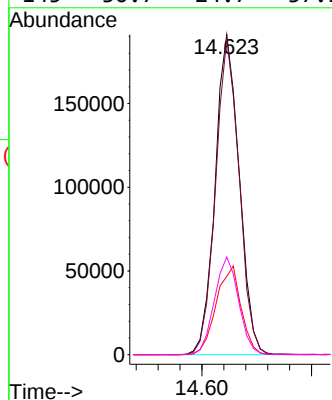
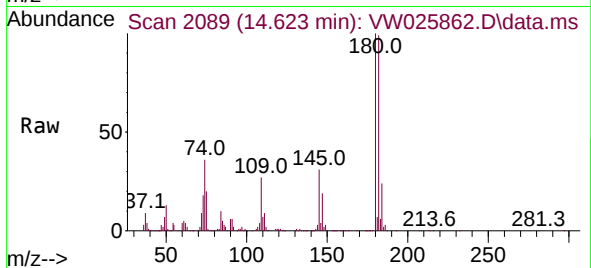
Ion Ratio Lower Upper

180 100

182 96.3 77.4 116.0

184 28.6 24.7 37.1

145 30.7 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 22.882 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

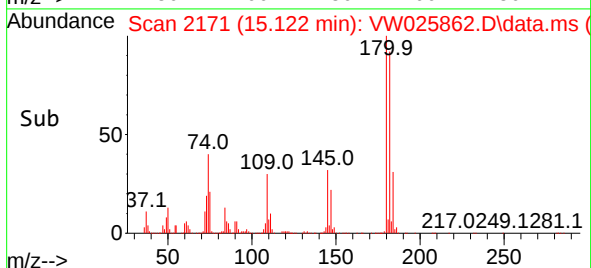
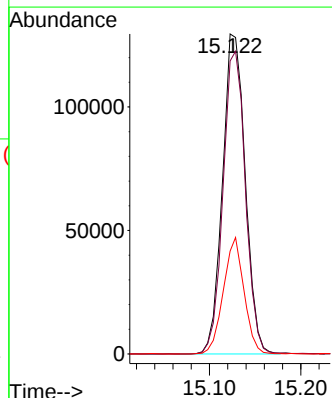
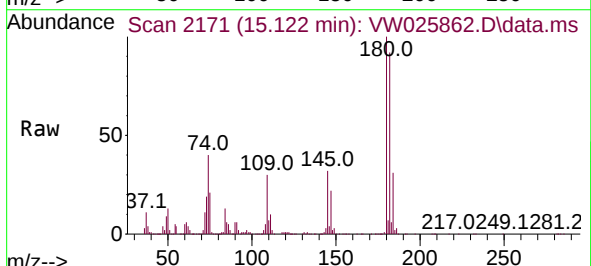
Tgt Ion:180 Resp: 224396

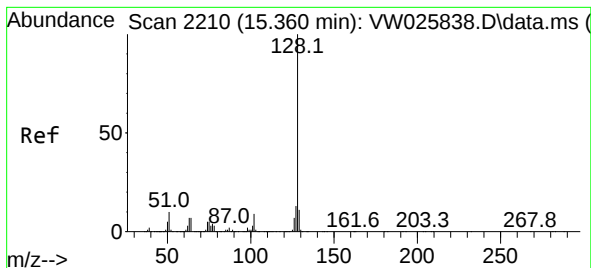
Ion Ratio Lower Upper

180 100

182 93.0 74.3 111.5

145 33.1 25.4 38.0





#71

Naphthalene

Concen: 22.073 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Instrument :

MSVOA_W

ClientSampleId :

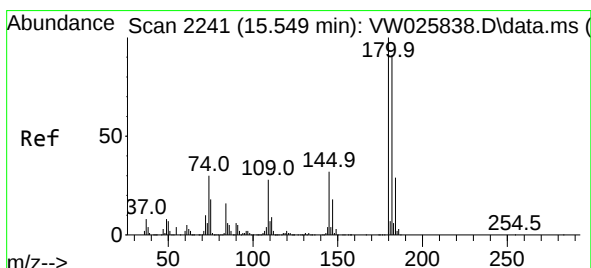
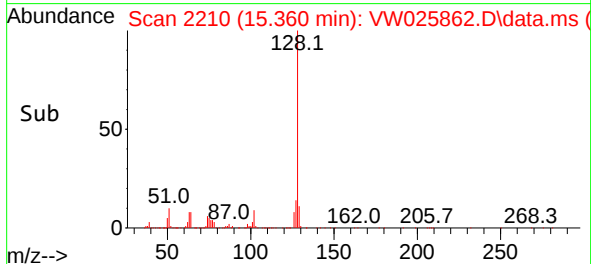
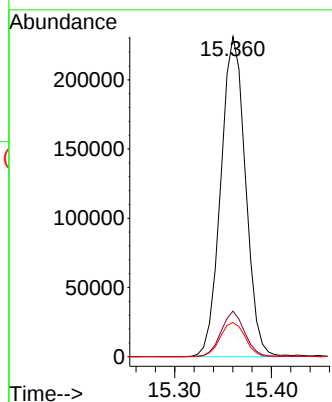
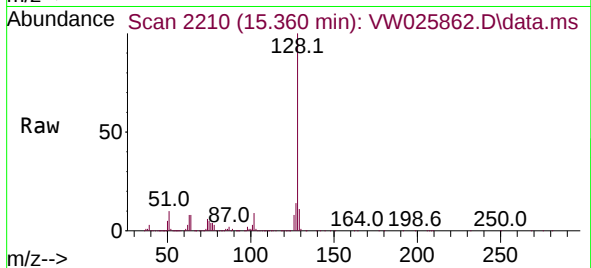
Tgt Ion:128 Resp: 408566

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.546 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW025862.D

Acq: 05 May 2023 09:31

Tgt Ion:180 Resp: 204889

Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 35.0 28.0 42.0

