

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
 Data File : VW025656.D
 Acq On : 24 Apr 2023 13:45
 Operator : SY/MD
 Sample : 02417-24MS
 Misc : 4.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW906MS

Quant Time: Apr 25 01:11:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 25 01:06:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	855933	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	676215	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	229329	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	251894	18.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.320%
7) Chloroethane-d5	2.832	69	140	0.014	ug/L	-0.07
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.040%#
11) 1,1-Dichloroethene-d2	4.021	63	549229	19.499	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.000%
21) 2-Butanone-d5	7.075	46	162457	52.283	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.560%
24) Chloroform-d	7.648	84	559247	23.270	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	8.307	65	305913	24.468	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.880%
32) Benzene-d6	8.276	84	1094808	25.004	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.276	67	356575	26.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.480%
41) Toluene-d8	10.325	98	913981	23.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	10.581	79	112858	22.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.200%
47) 2-Hexanone-d5	10.922	63	105262	56.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	250932	27.231	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	180765	22.944	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	202908	16.952	ug/L	97
3) Chloromethane	2.223	50	266009	19.156	ug/L	99
5) Vinyl chloride	2.375	62	294453	19.181	ug/L	97
6) Bromomethane	2.783	94	131144	15.881	ug/L	97
8) Chloroethane	2.930	64	170795	19.865	ug/L	98
9) Trichlorofluoromethane	3.265	101	247707	20.945	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	234666	19.773	ug/L	97
12) 1,1-Dichloroethene	4.045	96	229990	19.361	ug/L	96
13) Acetone	4.119	43	147737	56.178	ug/L	97
14) Carbon disulfide	4.393	76	664694	15.860	ug/L	99
15) Methyl Acetate	4.673	43	89974	15.228	ug/L	98
16) Methylene chloride	4.917	84	298928	21.972	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	236322	18.712	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	414196	23.764	ug/L	99
19) 1,1-Dichloroethane	6.216	63	527973	20.924	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	267476	20.355	ug/L #	97
22) 2-Butanone	7.167	43	209024	55.911	ug/L	94
23) Bromochloromethane	7.514	128	111398	20.672	ug/L	96
25) Chloroform	7.679	83	484527	20.998	ug/L	97

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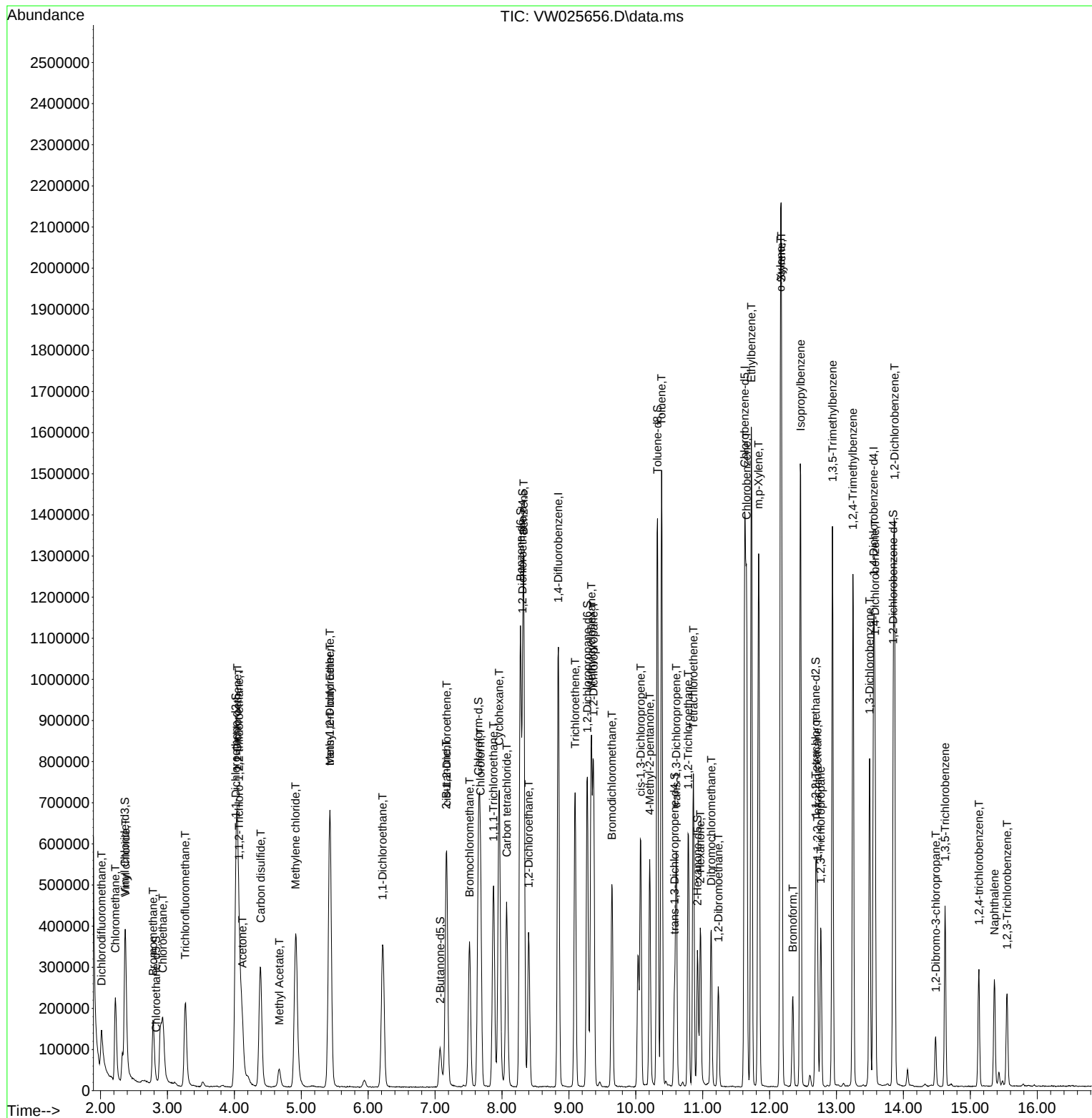
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	329525	21.281	ug/L	98
29) Cyclohexane	7.959	56	410438	18.753	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	389586	23.187	ug/L	99
31) Carbon tetrachloride	8.069	117	331160	21.825	ug/L	100
33) Benzene	8.325	78	1065190	22.631	ug/L	100
34) Trichloroethene	9.093	95	254463	20.785	ug/L	96
35) Methylcyclohexane	9.337	83	311980	14.112	ug/L	98
37) 1,2-Dichloropropane	9.368	63	291746	23.470	ug/L	100
38) Bromodichloromethane	9.642	83	333449	23.445	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	350807	19.674	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	380878	54.133	ug/L	99
42) Toluene	10.386	91	1036893	21.635	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	296584	20.171	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	191052	24.105	ug/L	97
46) Tetrachloroethene	10.861	164	161147	18.715	ug/L	91
48) 2-Hexanone	10.965	43	260592	53.605	ug/L	95
49) Dibromochloromethane	11.129	129	194609	23.320	ug/L	97
50) 1,2-Dibromoethane	11.233	107	165947	22.787	ug/L	97
51) Chlorobenzene	11.654	112	584588	19.794	ug/L	99
52) Ethylbenzene	11.727	91	1088165	20.064	ug/L	99
53) m,p-Xylene	11.837	106	388409	19.528	ug/L	97
54) o-Xylene	12.166	106	375300	20.170	ug/L	100
55) Styrene	12.178	104	611542	19.526	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	211363	22.263	ug/L	98
59) Bromoform	12.349	173	95710	30.457	ug/L	93
60) Isopropylbenzene	12.465	105	955781	26.606	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	159685	33.597	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	670907	23.658	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	647981	23.730	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	304216	20.435	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	292059	19.210	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	265529	20.345	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	30368	29.126	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	116538	11.692	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	83431	10.304	ug/L	94
71) Naphthalene	15.360	128	212689	14.078	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	67590	9.548	ug/L	96

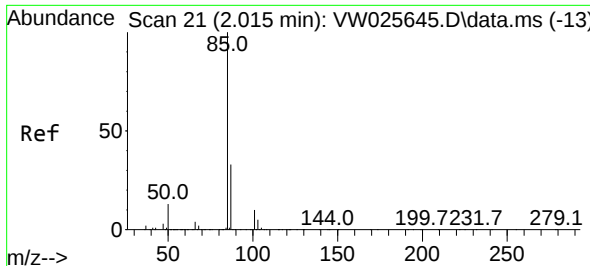
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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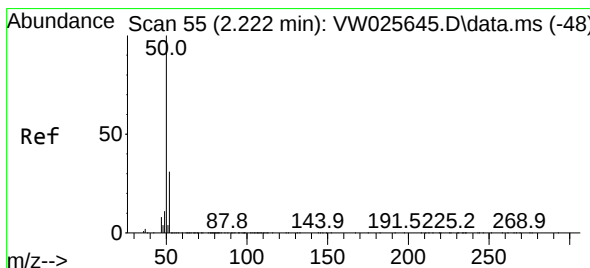
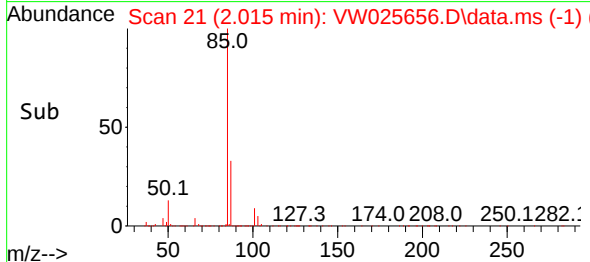
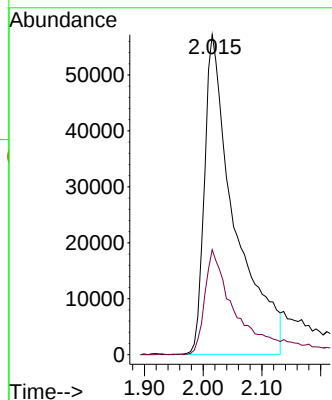
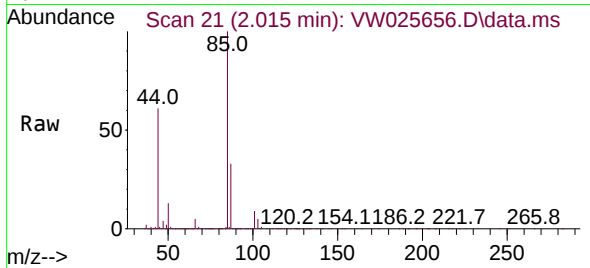




#2
Dichlorodifluoromethane
Concen: 16.952 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

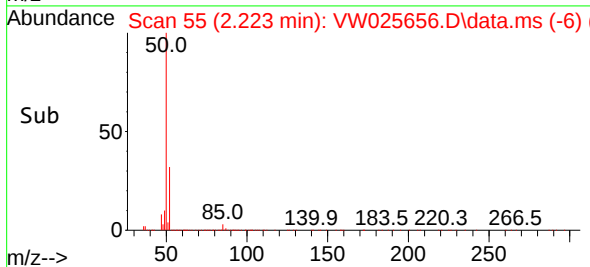
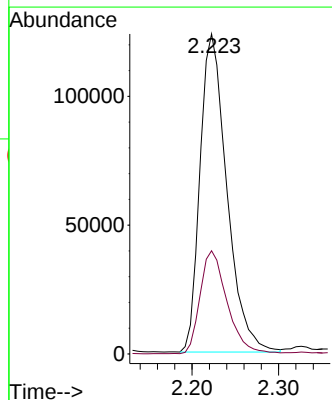
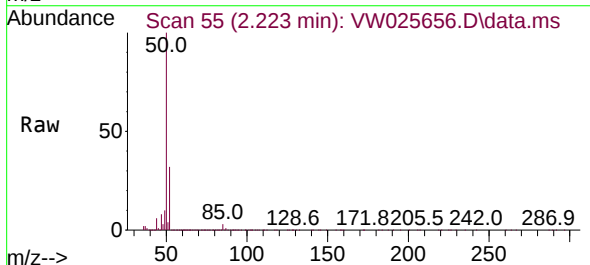
Instrument :
MSVOA_W
ClientSampleId :
EW906MS

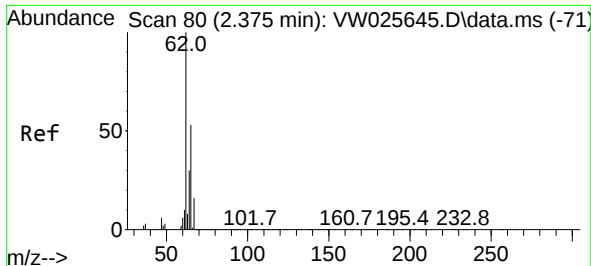
Tgt Ion: 85 Resp: 202908
Ion Ratio Lower Upper
85 100
87 29.4 24.6 37.0



#3
Chloromethane
Concen: 19.156 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion: 50 Resp: 266009
Ion Ratio Lower Upper
50 100
52 32.2 22.2 41.2

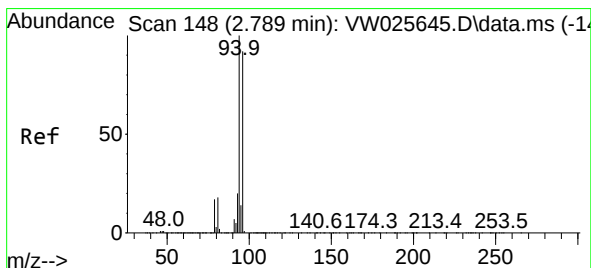
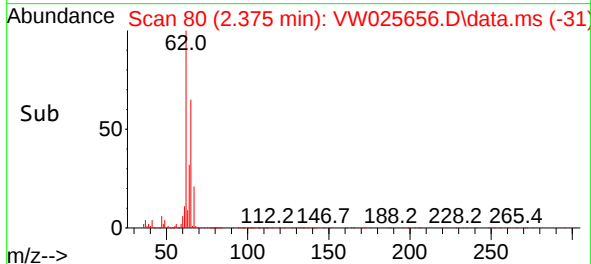
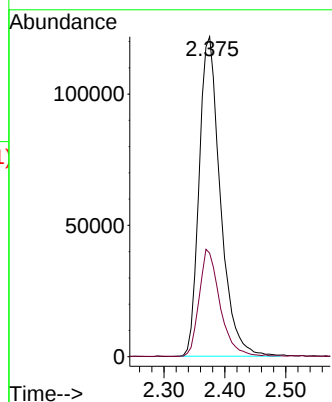
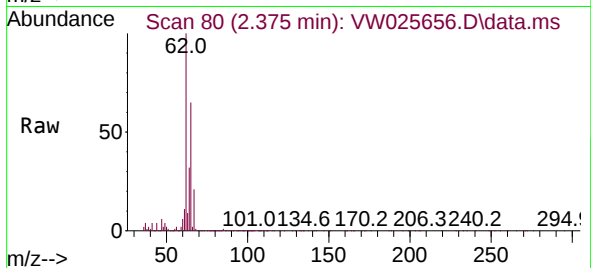




#5
 Vinyl chloride
 Concen: 19.181 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025656.D
 Acq: 24 Apr 2023 13:45

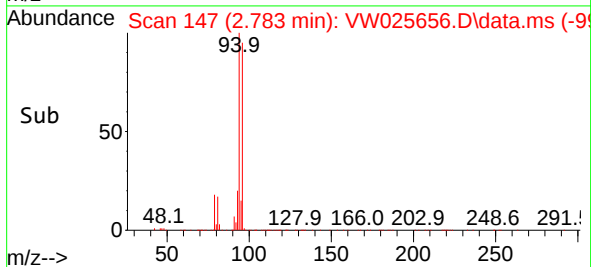
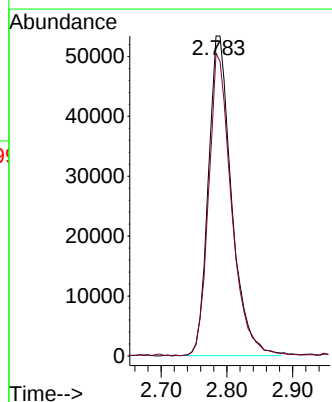
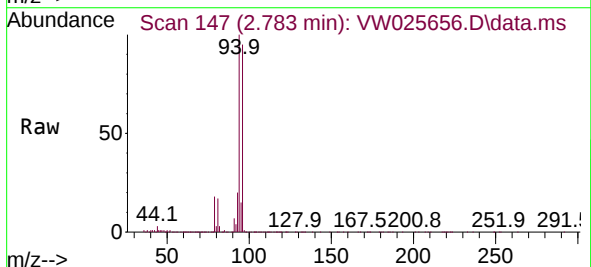
Instrument :
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 ClientSampleId :
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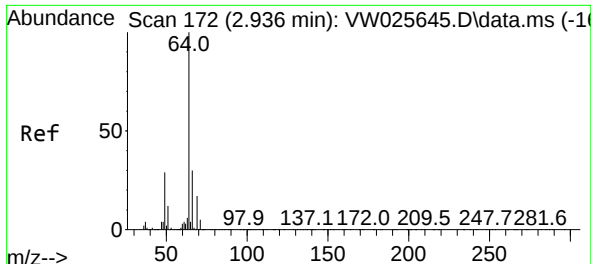
Tgt Ion: 62 Resp: 294453
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.9 44.3



#6
 Bromomethane
 Concen: 15.881 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025656.D
 Acq: 24 Apr 2023 13:45

Tgt Ion: 94 Resp: 131144
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.0 118.8

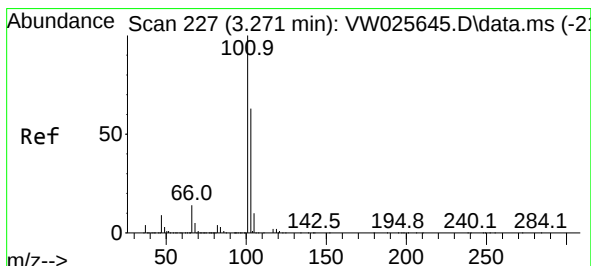
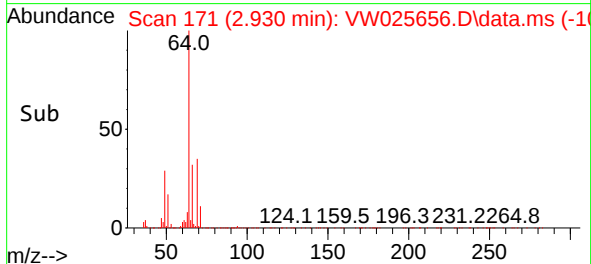
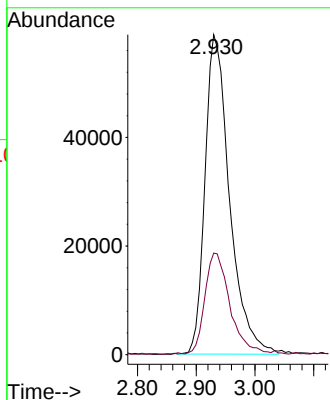
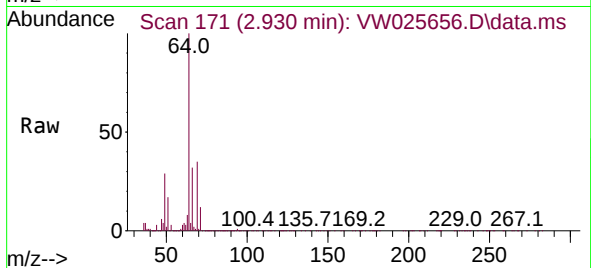




#8
Chloroethane
Concen: 19.865 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

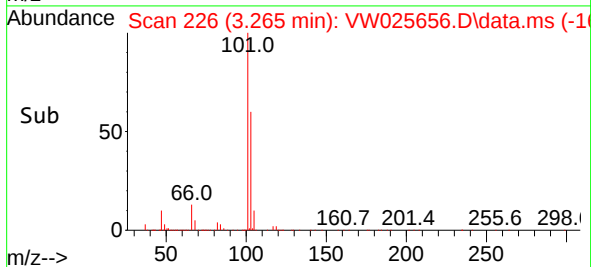
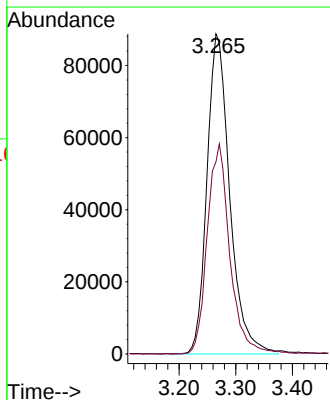
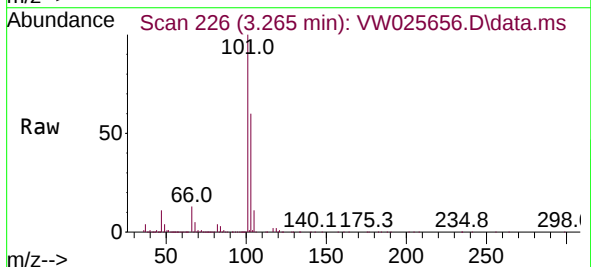
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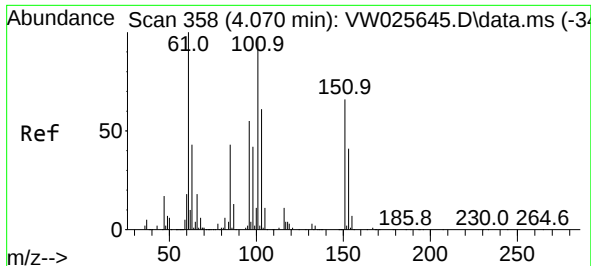
Tgt Ion: 64 Resp: 170795
Ion Ratio Lower Upper
64 100
66 31.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 20.945 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion:101 Resp: 247707
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

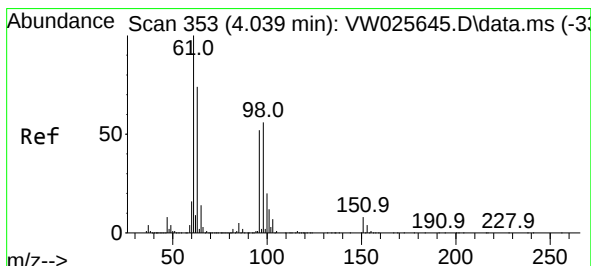
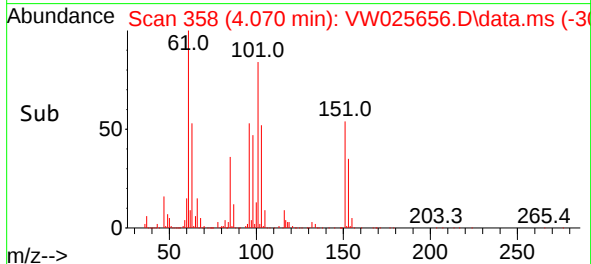
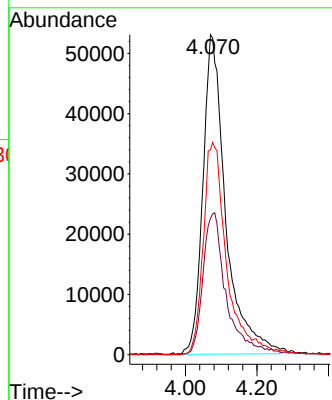
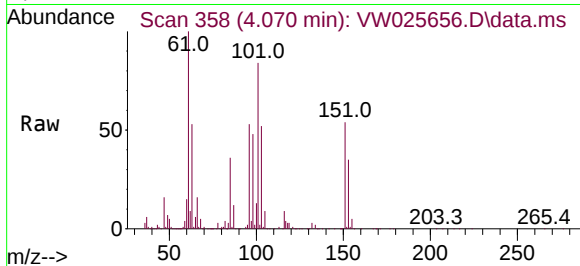




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.773 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW025656.D
 Acq: 24 Apr 2023 13:45

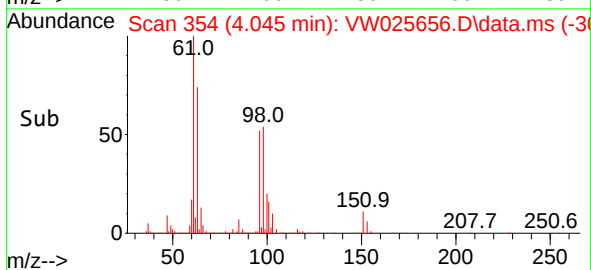
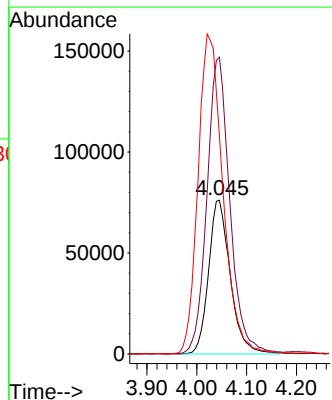
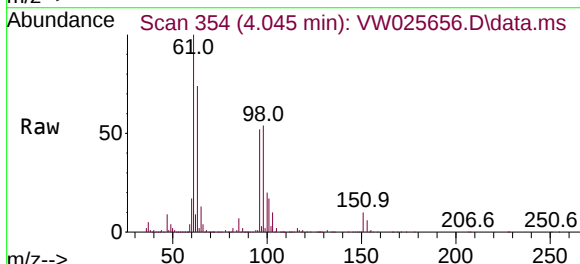
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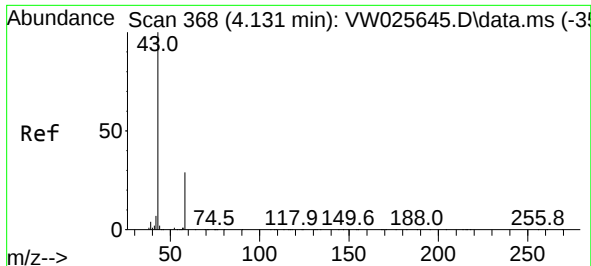
Tgt Ion:101 Resp: 234666
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.5 51.7
 151 65.2 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 19.361 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW025656.D
 Acq: 24 Apr 2023 13:45

Tgt Ion: 96 Resp: 229990
 Ion Ratio Lower Upper
 96 100
 61 193.0 132.7 246.4
 63 142.3 105.0 195.0





#13

Acetone

Concen: 56.178 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.012 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

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ClientSampleId :

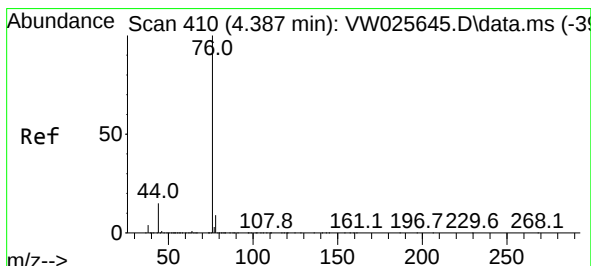
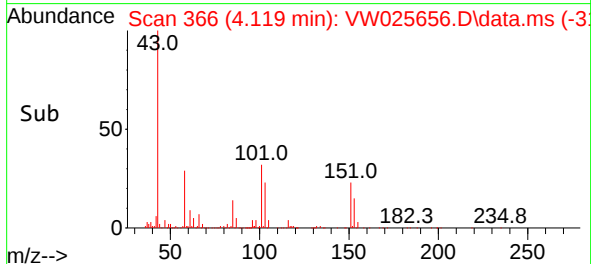
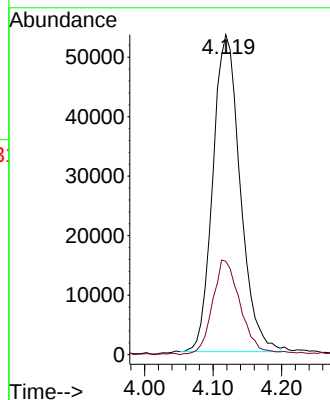
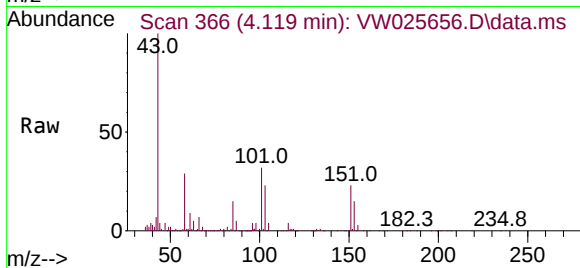
EW906MS

Tgt Ion: 43 Resp: 147737

Ion Ratio Lower Upper

43 100

58 30.5 0.0 57.4



#14

Carbon disulfide

Concen: 15.860 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

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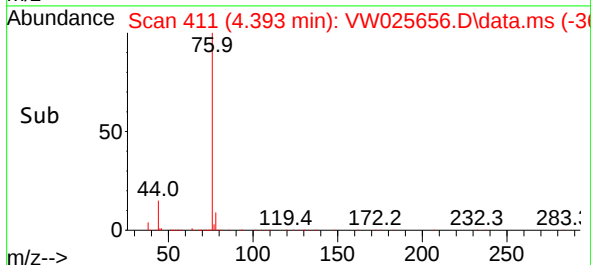
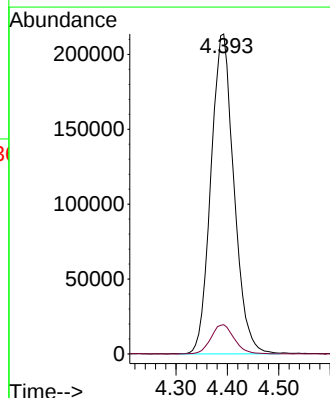
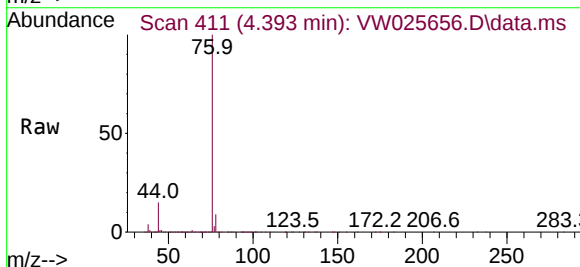
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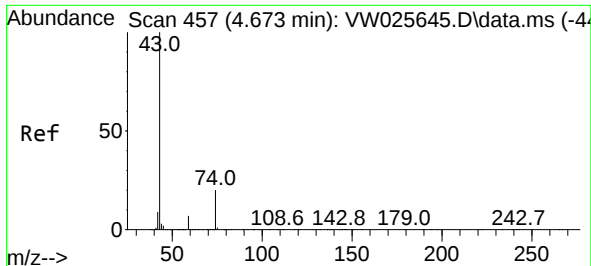
Tgt Ion: 76 Resp: 664694

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

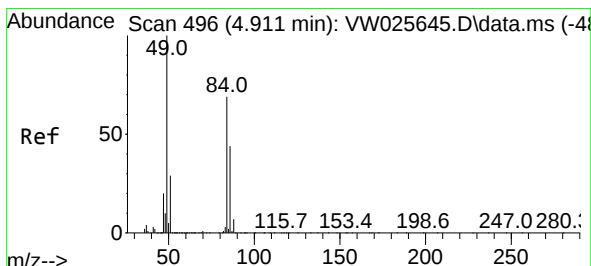
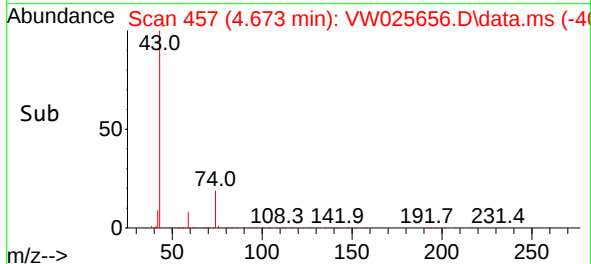
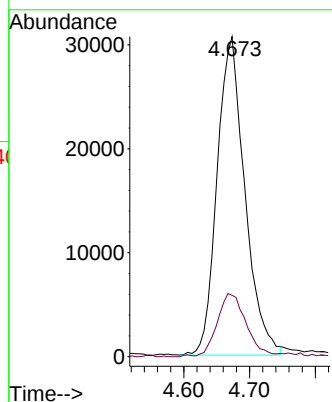
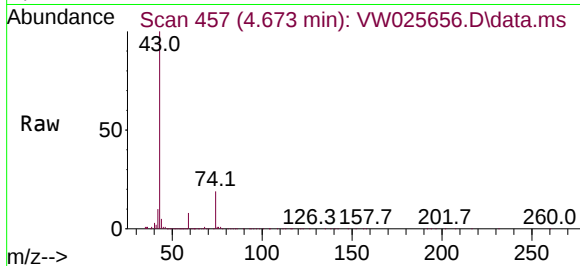




#15
Methyl Acetate
Concen: 15.228 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

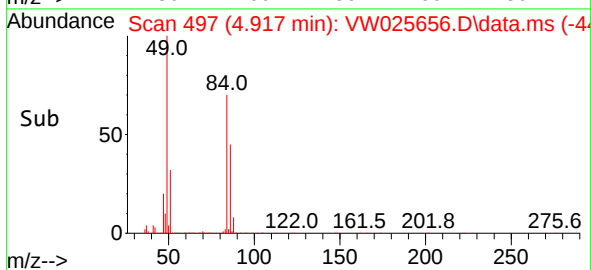
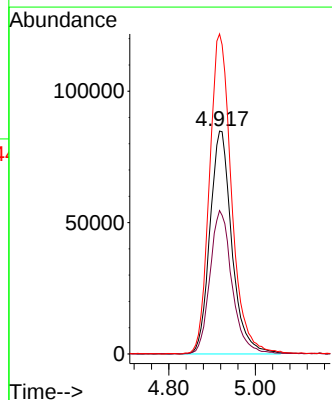
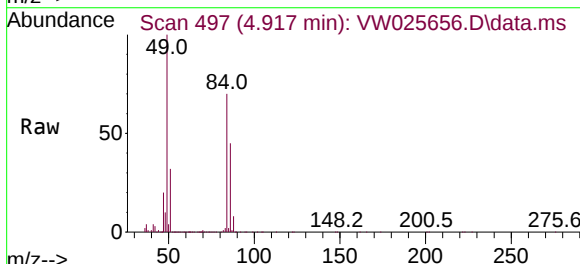
Instrument :
MSVOA_W
ClientSampleId :
EW906MS

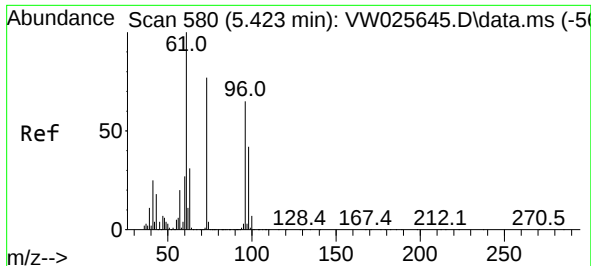
Tgt Ion: 43 Resp: 89974
Ion Ratio Lower Upper
43 100
74 20.3 17.0 25.4



#16
Methylene chloride
Concen: 21.972 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion: 84 Resp: 298928
Ion Ratio Lower Upper
84 100
86 64.3 44.9 83.3
49 143.6 101.4 188.4

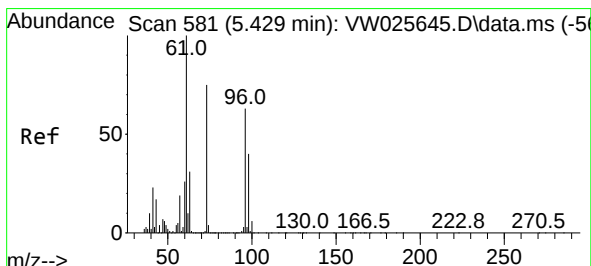
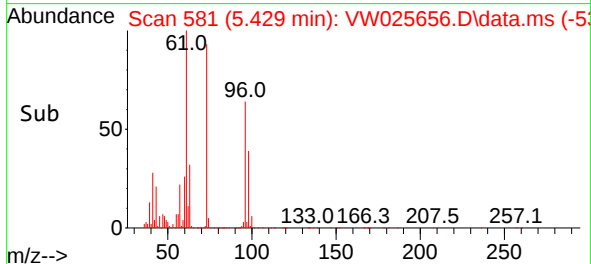
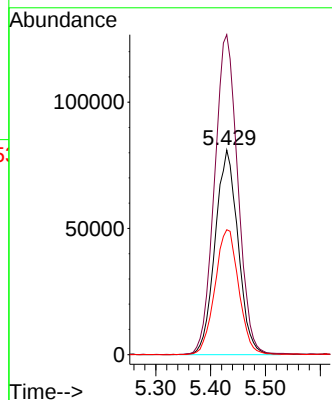
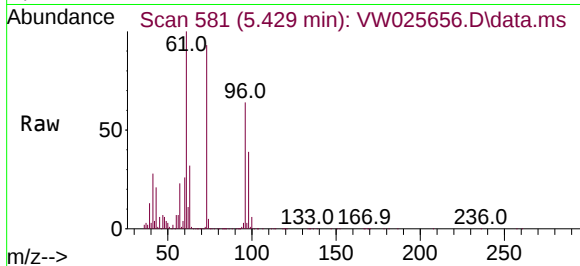




#17
trans-1,2-Dichloroethene
Concen: 18.712 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

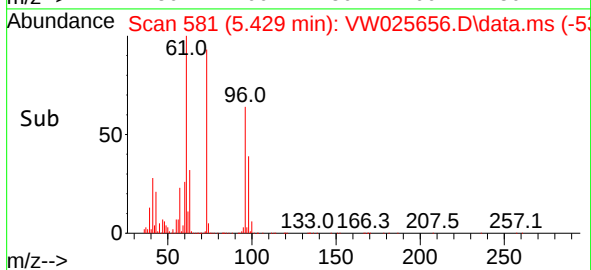
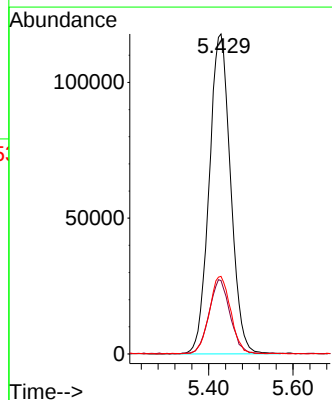
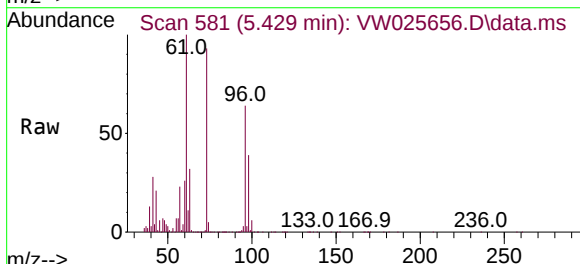
Instrument :
MSVOA_W
ClientSampleId :
EW906MS

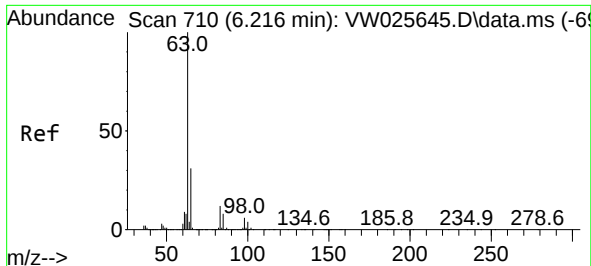
Tgt Ion: 96 Resp: 236322
Ion Ratio Lower Upper
96 100
61 156.4 113.3 210.3
98 61.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 23.764 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion: 73 Resp: 414196
Ion Ratio Lower Upper
73 100
43 22.8 17.8 26.6
57 24.0 19.0 28.6





#19

1,1-Dichloroethane

Concen: 20.924 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

EW906MS

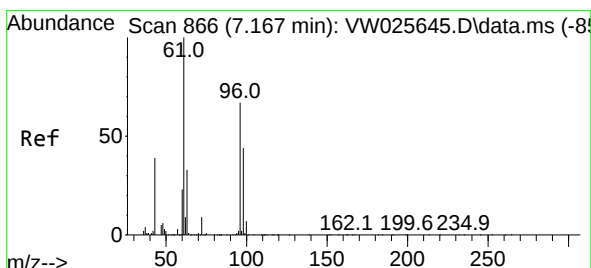
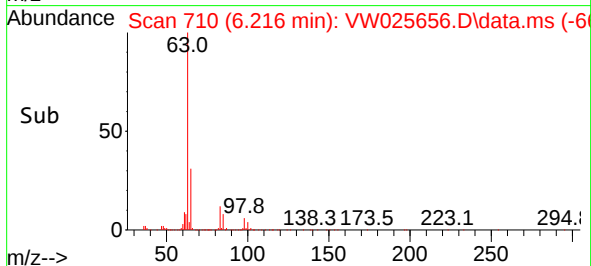
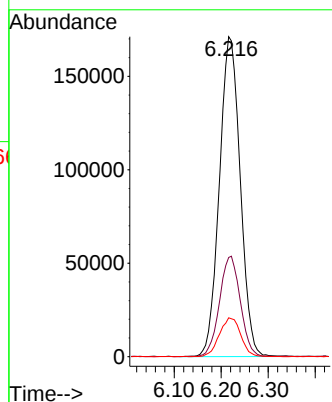
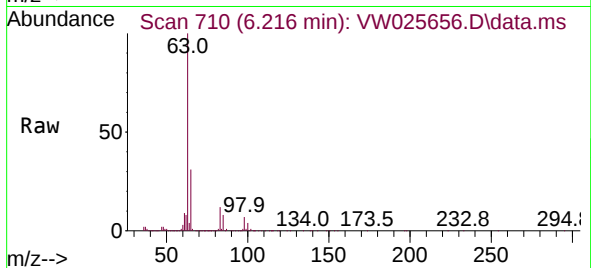
Tgt Ion: 63 Resp: 527973

Ion Ratio Lower Upper

63 100

65 31.0 21.9 40.7

83 12.1 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 20.355 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

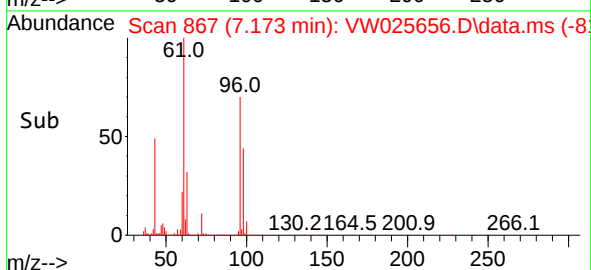
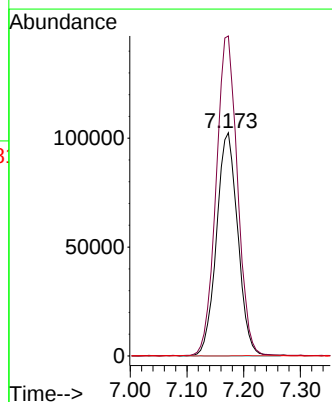
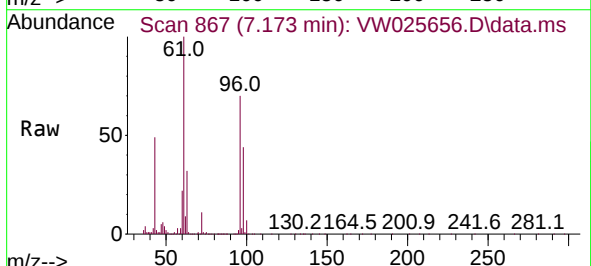
Tgt Ion: 96 Resp: 267476

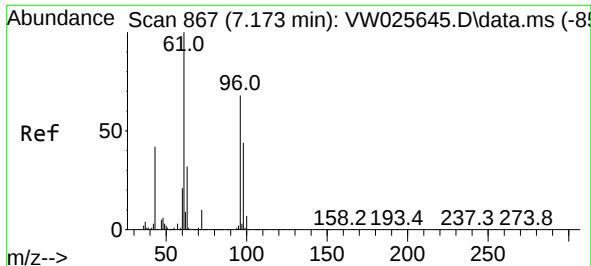
Ion Ratio Lower Upper

96 100

61 143.4 102.6 190.6

68 0.0 0.1 0.1#

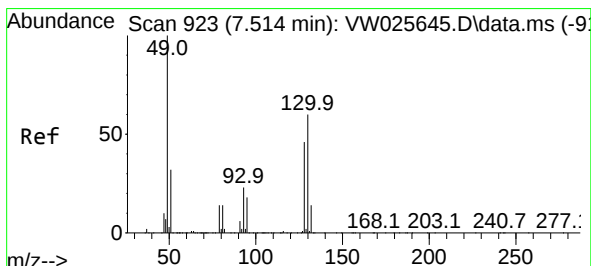
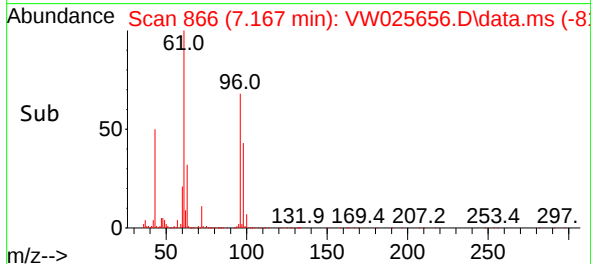
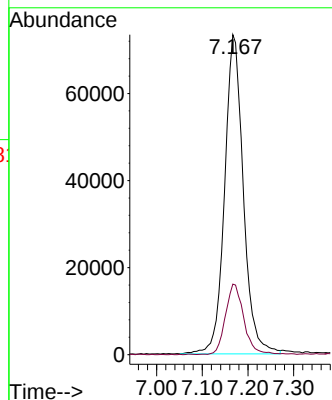
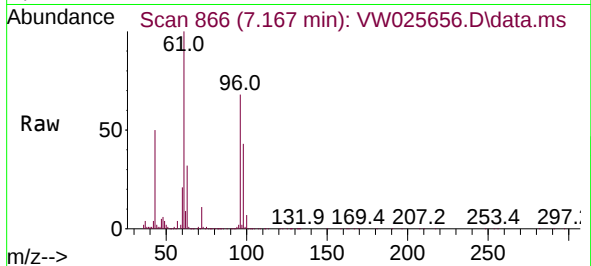




#22
2-Butanone
Concen: 55.911 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

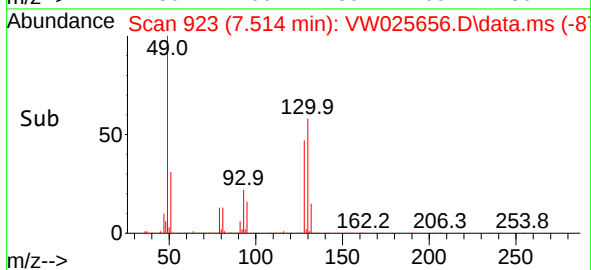
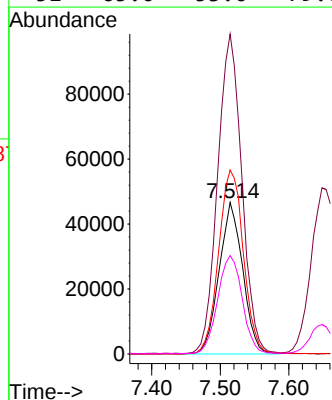
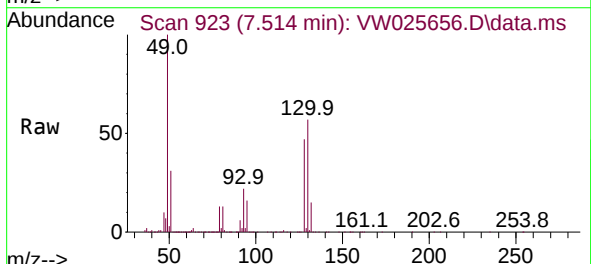
Instrument :
MSVOA_W
ClientSampleId :
EW906MS

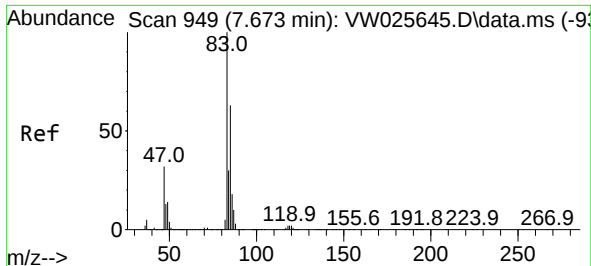
Tgt Ion: 43 Resp: 209024
Ion Ratio Lower Upper
43 100
72 21.2 12.0 36.0



#23
Bromochloromethane
Concen: 20.672 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion: 128 Resp: 111398
Ion Ratio Lower Upper
128 100
49 211.2 141.7 263.3
130 121.4 86.7 160.9
51 65.0 53.0 79.6

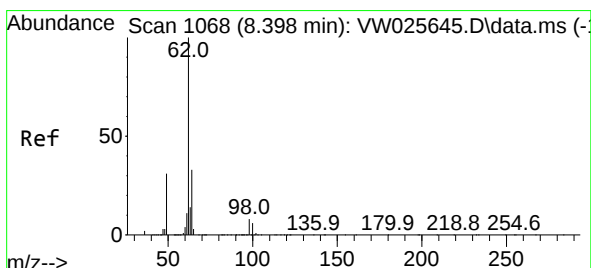
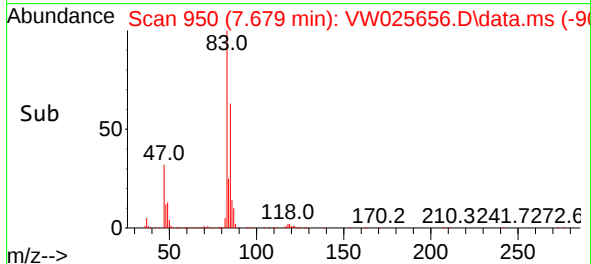
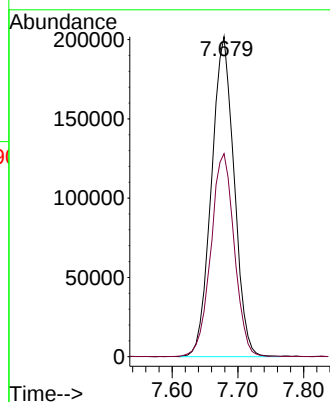
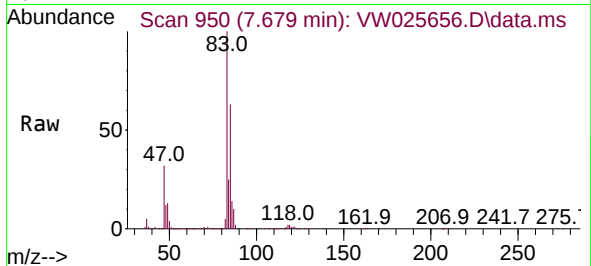




#25
Chloroform
Concen: 20.998 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

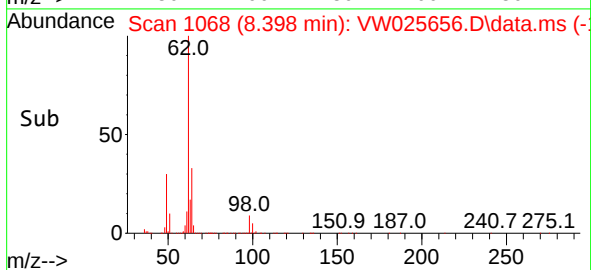
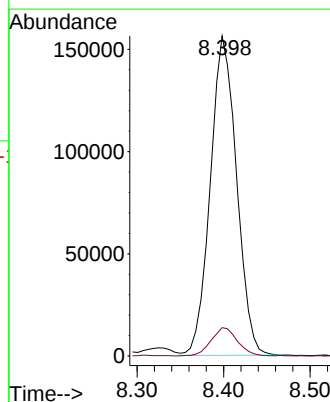
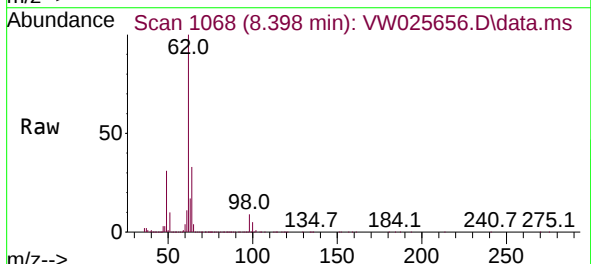
Instrument :
MSVOA_W
ClientSampleId :
EW906MS

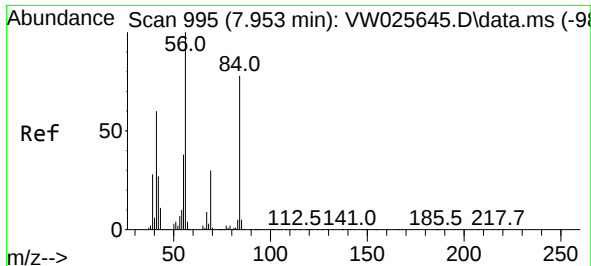
Tgt Ion: 83 Resp: 484527
Ion Ratio Lower Upper
83 100
85 63.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 21.281 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion: 62 Resp: 329525
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0

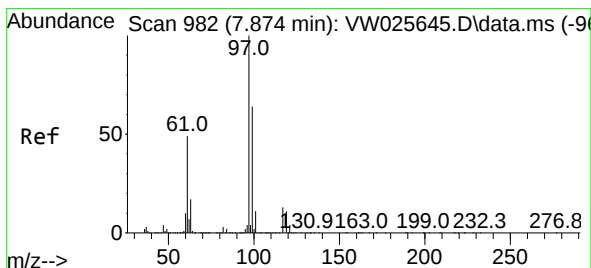
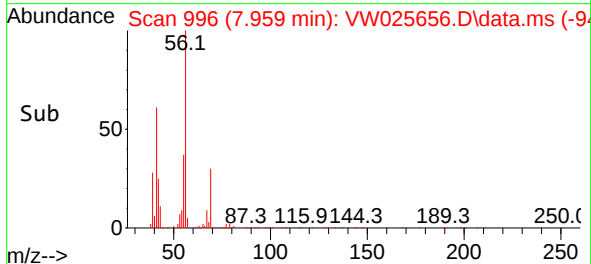
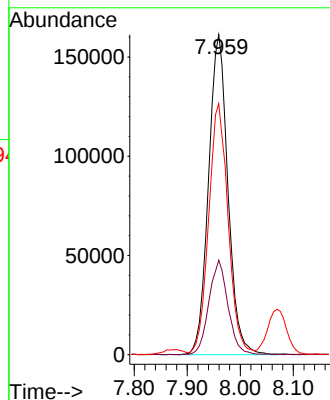
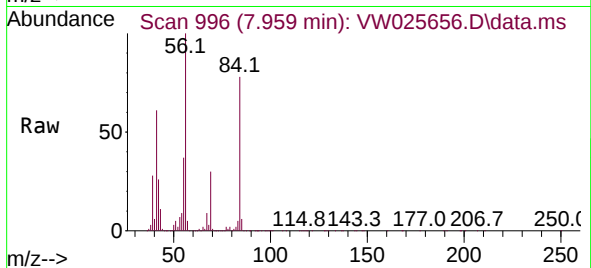




#29
Cyclohexane
Concen: 18.753 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

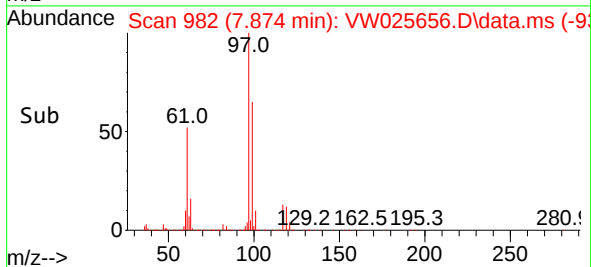
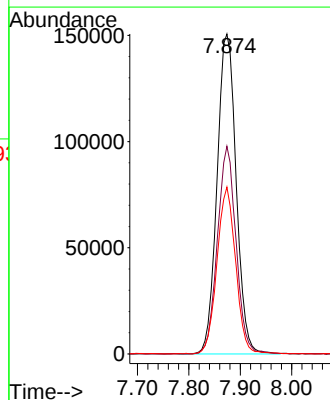
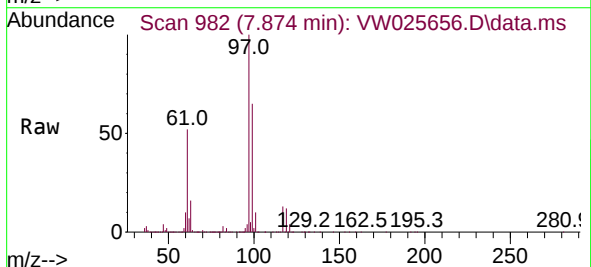
Instrument :
MSVOA_W
ClientSampleId :
EW906MS

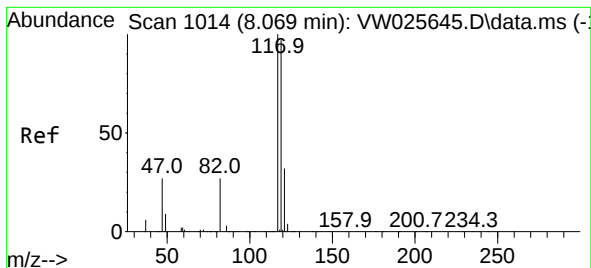
Tgt Ion: 56 Resp: 410438
Ion Ratio Lower Upper
56 100
69 29.1 22.7 34.1
84 77.2 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 23.187 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion: 97 Resp: 389586
Ion Ratio Lower Upper
97 100
99 62.8 51.0 76.6
61 50.9 40.5 60.7





#31

Carbon tetrachloride

Concen: 21.825 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

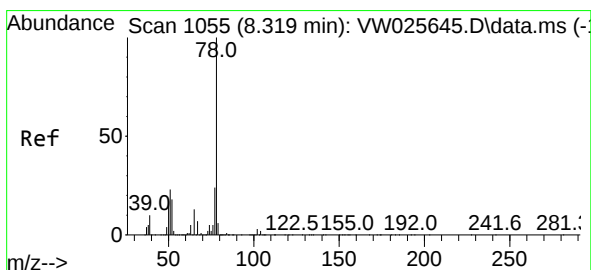
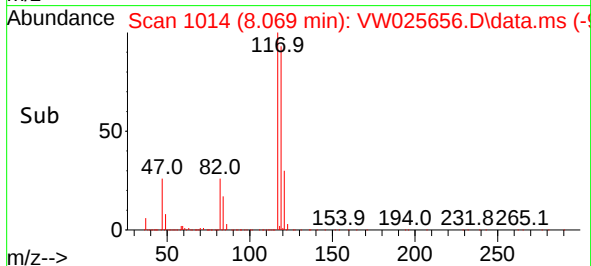
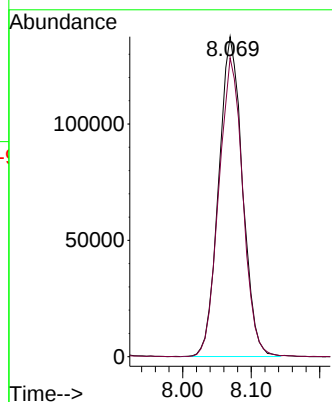
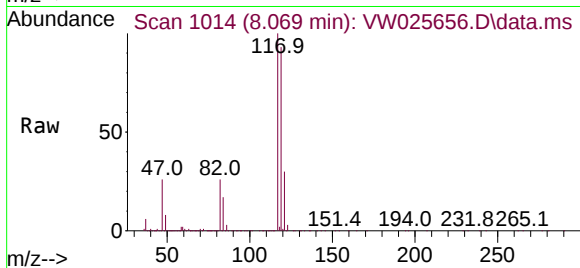
EW906MS

Tgt Ion:117 Resp: 331160

Ion Ratio Lower Upper

117 100

119 94.3 75.7 113.5



#33

Benzene

Concen: 22.631 ug/L

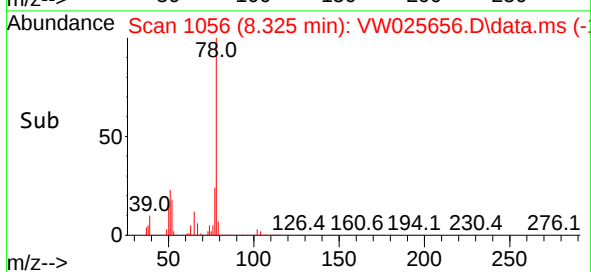
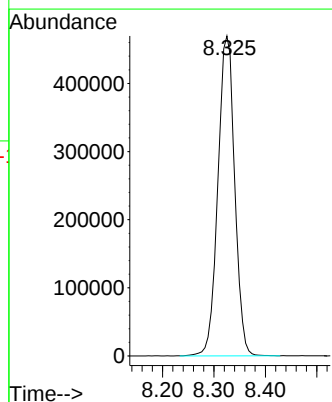
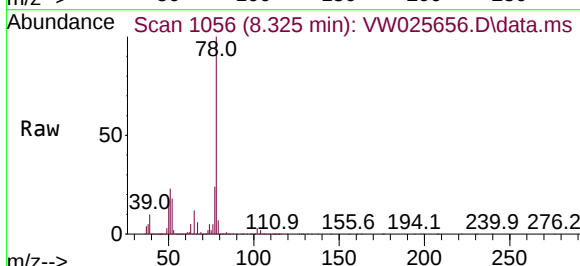
RT: 8.325 min Scan# 1056

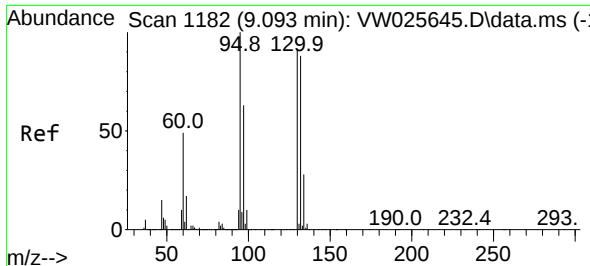
Delta R.T. 0.006 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Tgt Ion: 78 Resp: 1065190





#34

Trichloroethene

Concen: 20.785 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

EW906MS

Tgt Ion: 95 Resp: 254463

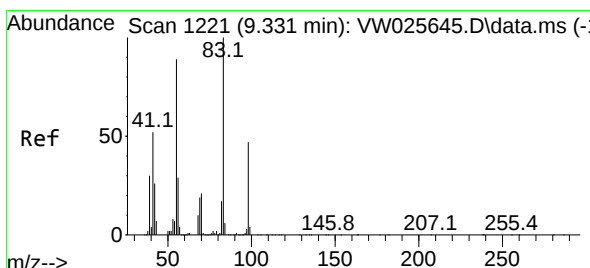
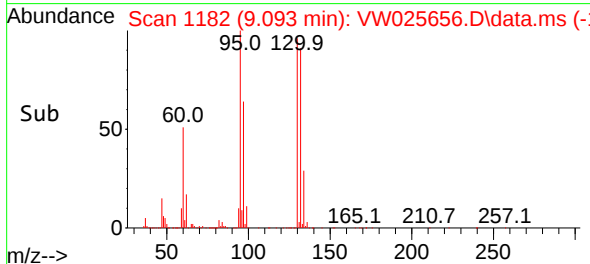
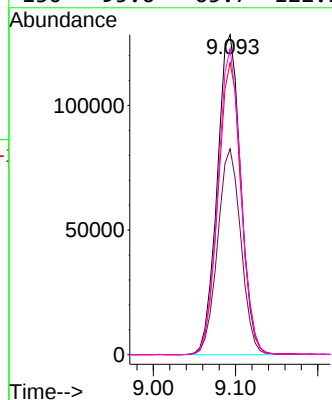
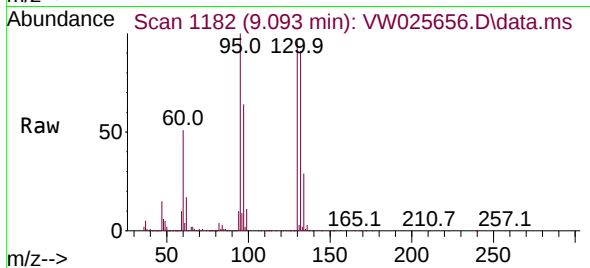
Ion Ratio Lower Upper

95 100

97 64.4 42.5 78.9

132 91.2 59.8 111.1

130 95.6 65.7 122.1



#35

Methylcyclohexane

Concen: 14.112 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

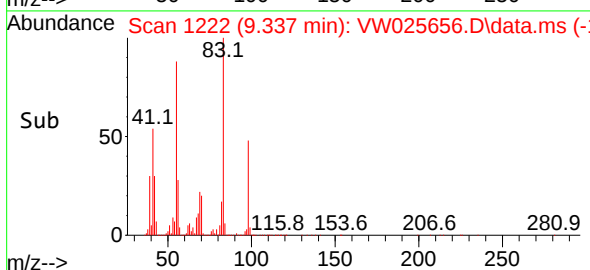
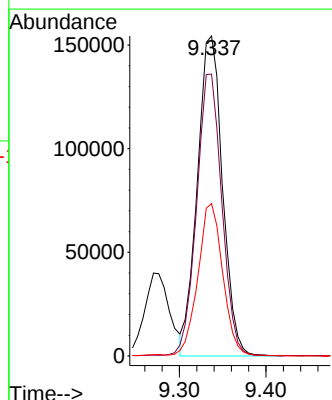
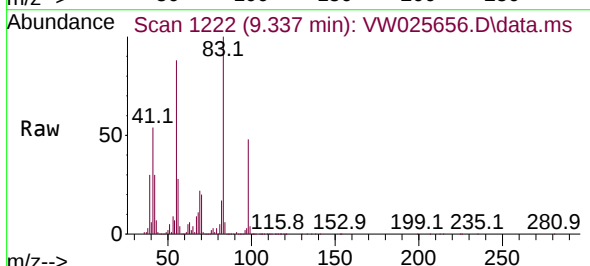
Tgt Ion: 83 Resp: 311980

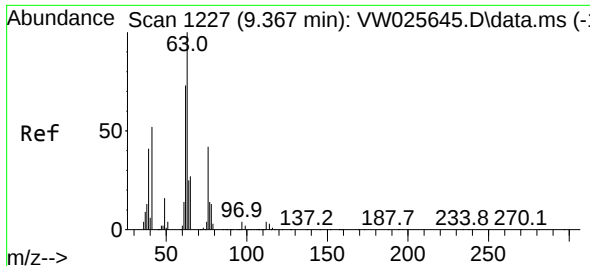
Ion Ratio Lower Upper

83 100

55 88.0 68.7 103.1

98 47.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.470 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

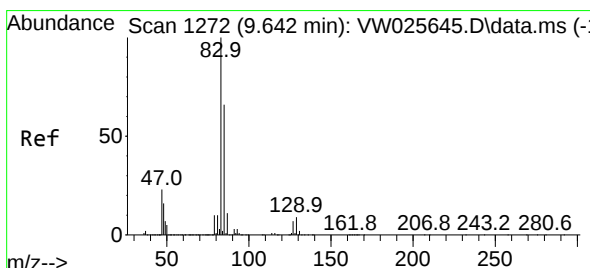
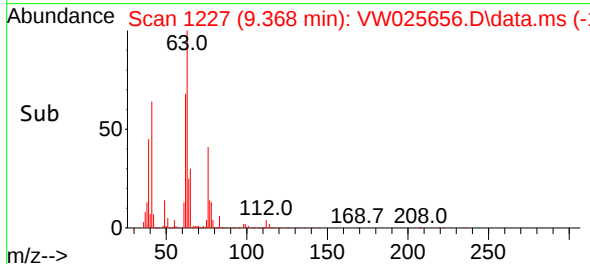
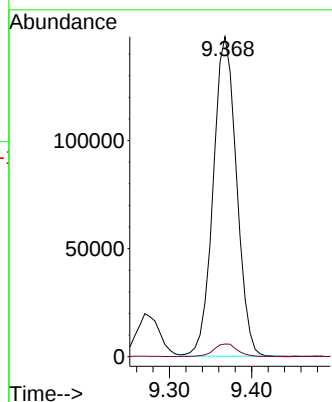
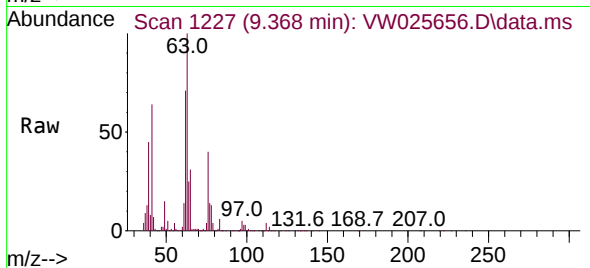
EW906MS

Tgt Ion: 63 Resp: 291746

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 23.445 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

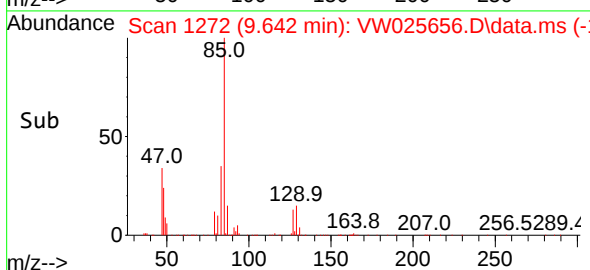
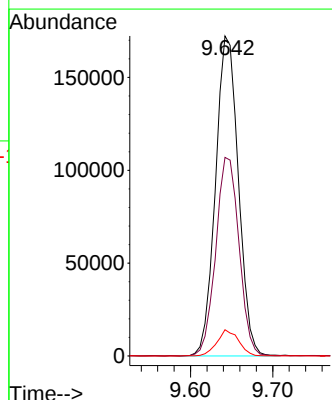
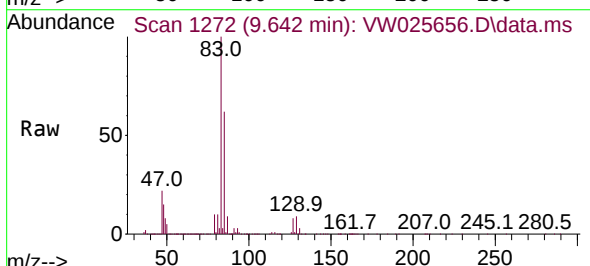
Tgt Ion: 83 Resp: 333449

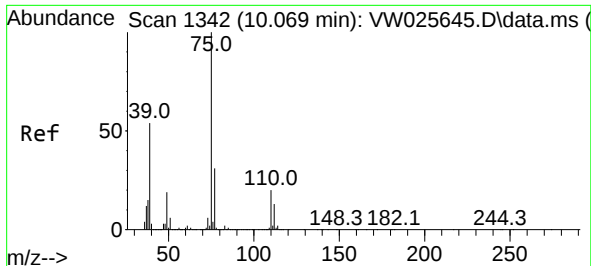
Ion Ratio Lower Upper

83 100

85 62.1 43.5 80.7

127 8.2 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 19.674 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

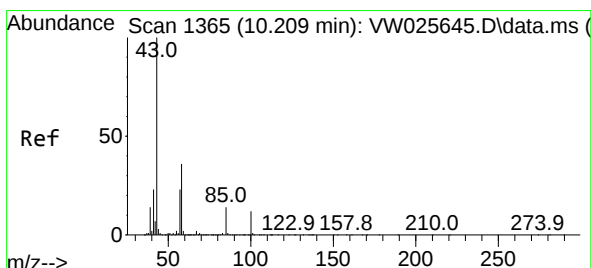
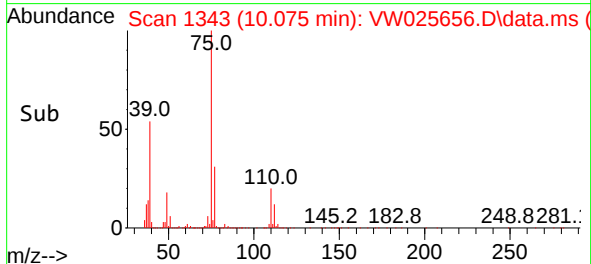
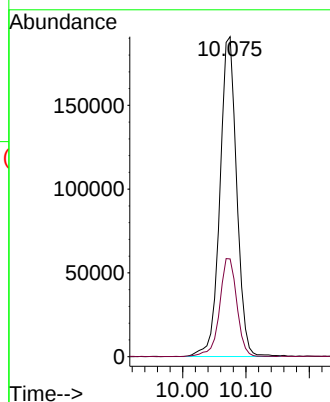
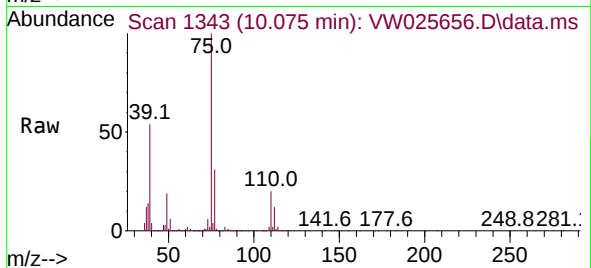
EW906MS

Tgt Ion: 75 Resp: 350807

Ion Ratio Lower Upper

75 100

77 30.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 54.133 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

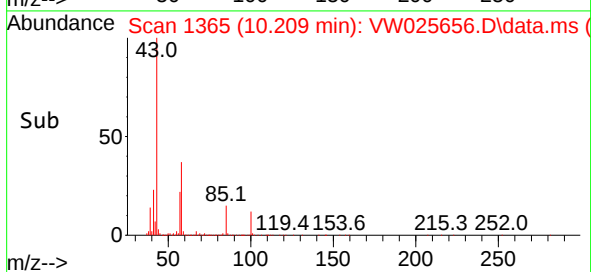
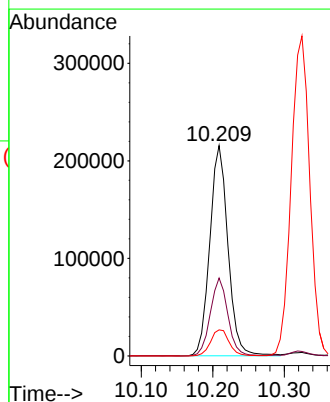
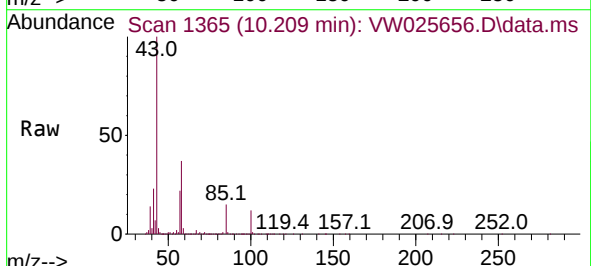
Tgt Ion: 43 Resp: 380878

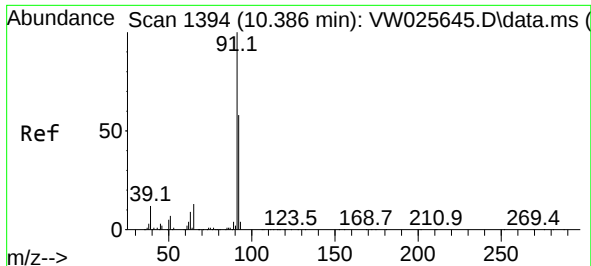
Ion Ratio Lower Upper

43 100

58 35.6 29.2 43.8

100 12.8 10.2 15.4

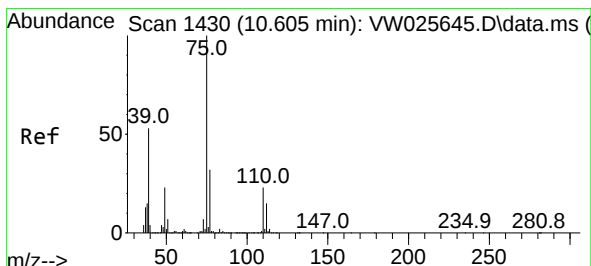
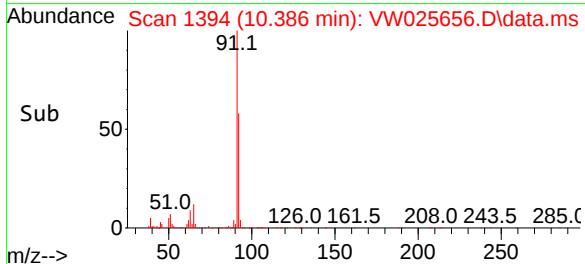
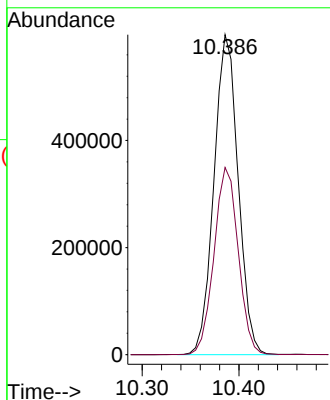
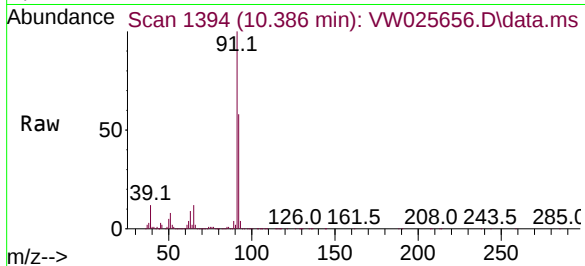




#42
Toluene
Concen: 21.635 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

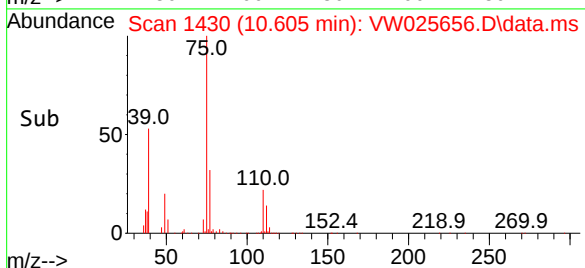
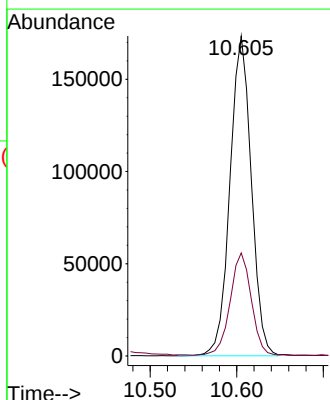
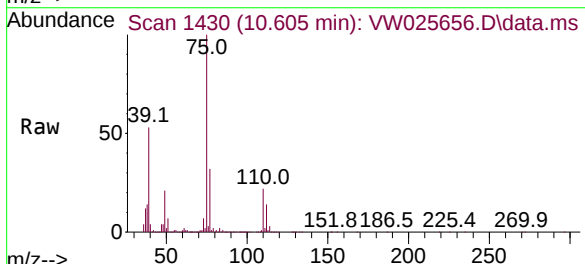
Instrument :
MSVOA_W
ClientSampleId :
EW906MS

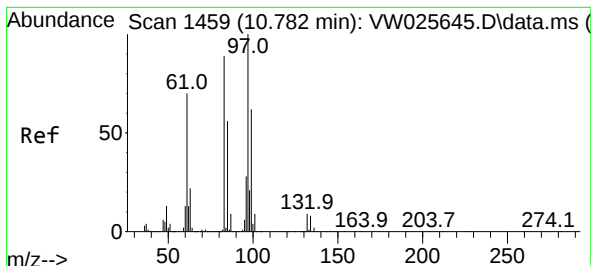
Tgt Ion: 91 Resp: 1036893
Ion Ratio Lower Upper
91 100
92 58.5 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 20.171 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion: 75 Resp: 296584
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 24.105 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

EW906MS

Tgt Ion: 97 Resp: 191052

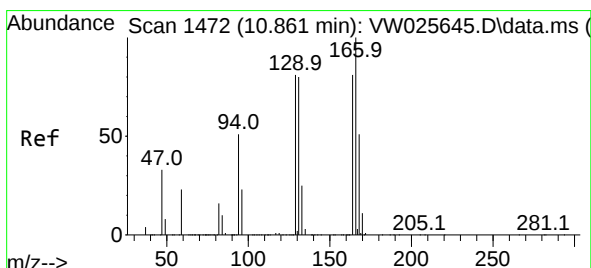
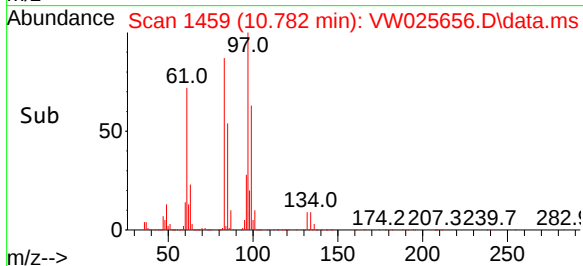
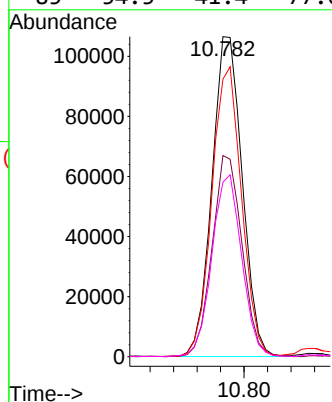
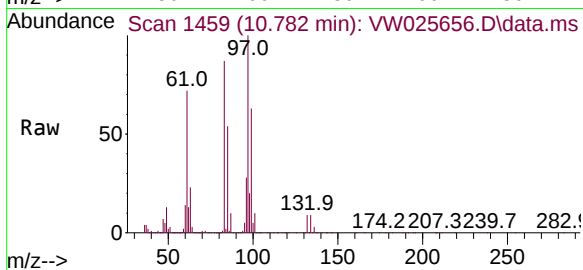
Ion Ratio Lower Upper

97 100

99 62.8 43.8 81.3

83 86.7 61.8 114.8

85 54.5 41.4 77.0



#46

Tetrachloroethene

Concen: 18.715 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Tgt Ion:164 Resp: 161147

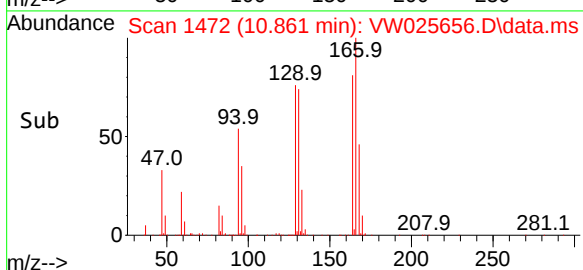
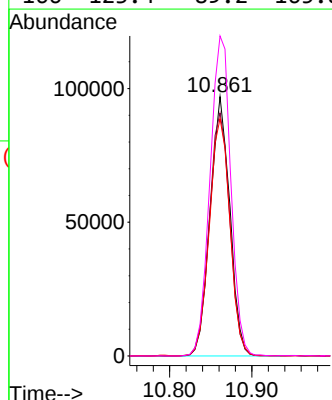
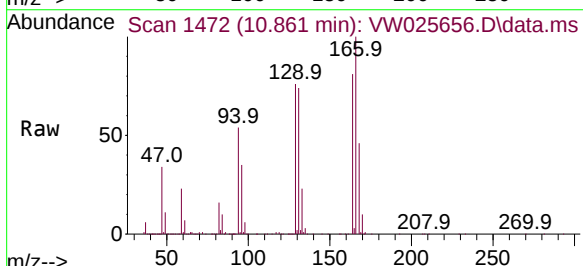
Ion Ratio Lower Upper

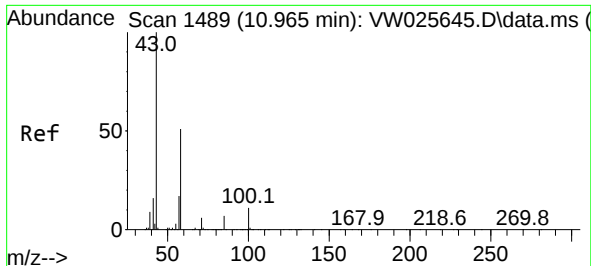
164 100

129 93.7 76.9 142.9

131 91.5 70.5 130.9

166 123.4 89.2 165.8



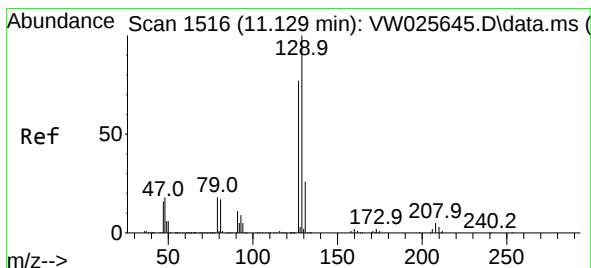
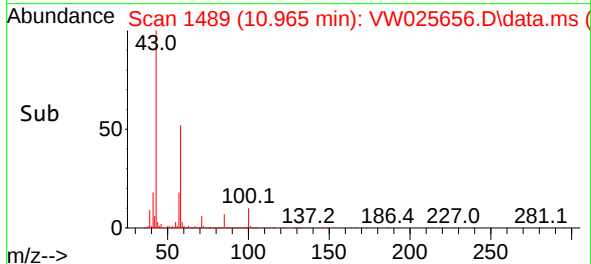
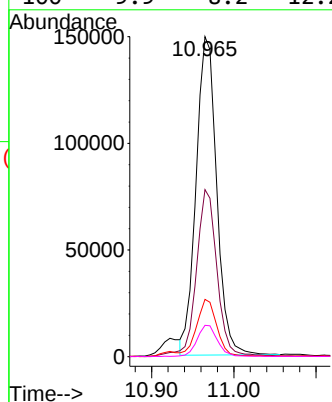
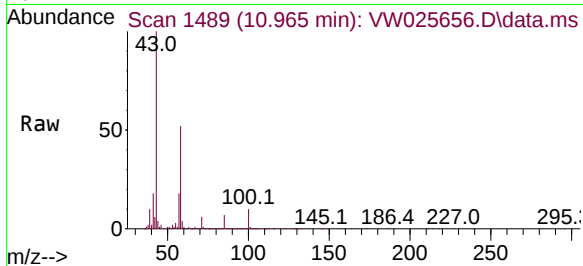


#48
2-Hexanone
Concen: 53.605 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Instrument :
MSVOA_W
ClientSampleId :
EW906MS

Tgt Ion: 43 Resp: 260592

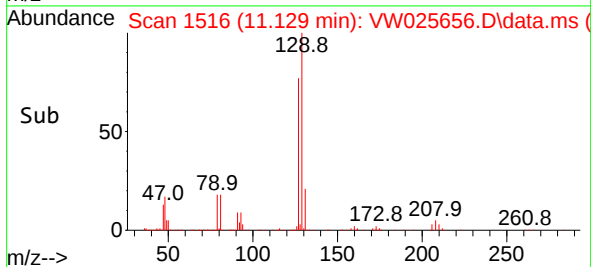
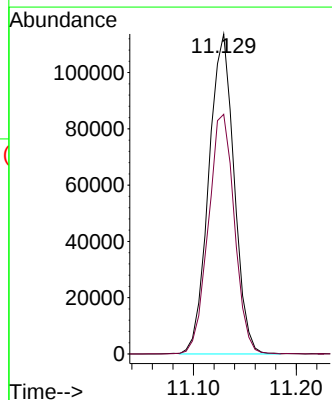
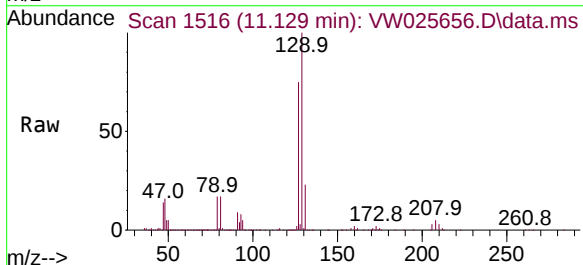
Ion	Ratio	Lower	Upper
43	100		
58	52.9	38.6	57.8
57	17.7	13.9	20.9
100	9.9	8.2	12.2

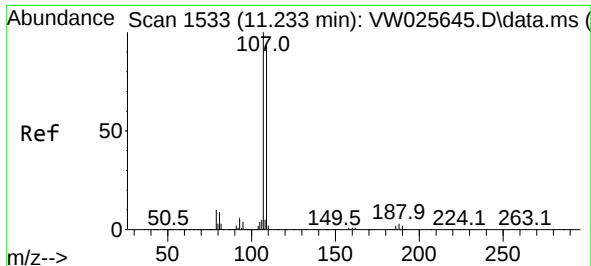


#49
Dibromochloromethane
Concen: 23.320 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion: 129 Resp: 194609

Ion	Ratio	Lower	Upper
129	100		
127	74.9	54.0	100.2





#50

1,2-Dibromoethane

Concen: 22.787 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

EW906MS

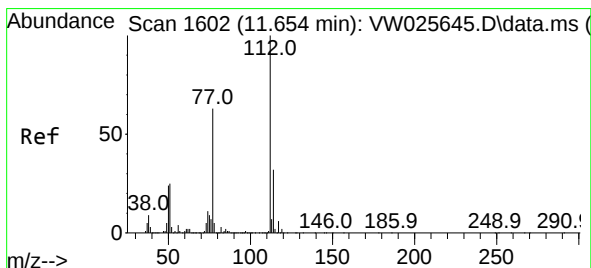
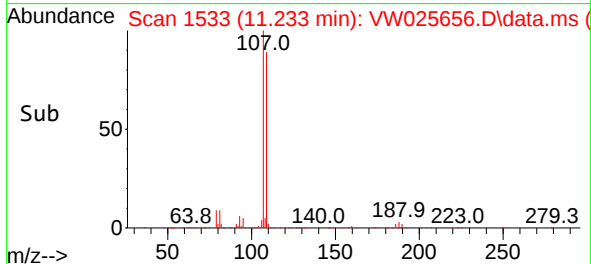
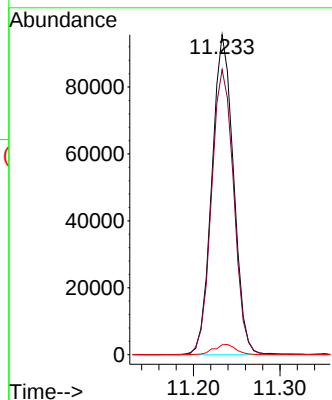
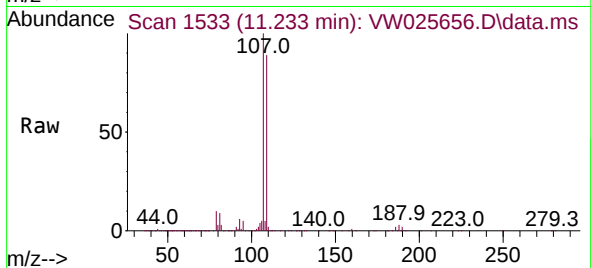
Tgt Ion:107 Resp: 165947

Ion Ratio Lower Upper

107 100

109 89.1 64.1 119.1

188 3.1 2.8 4.2



#51

Chlorobenzene

Concen: 19.794 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

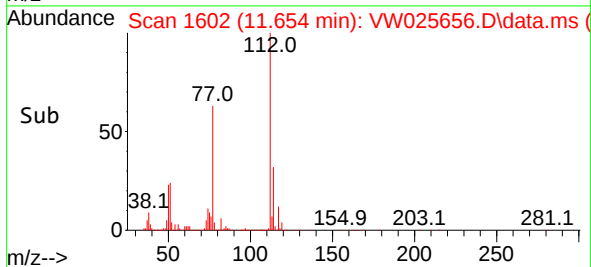
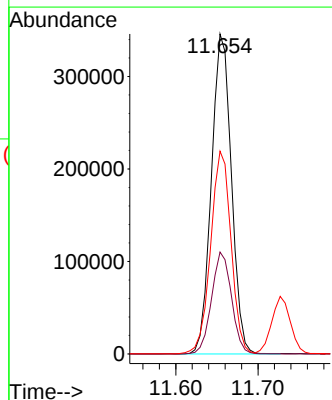
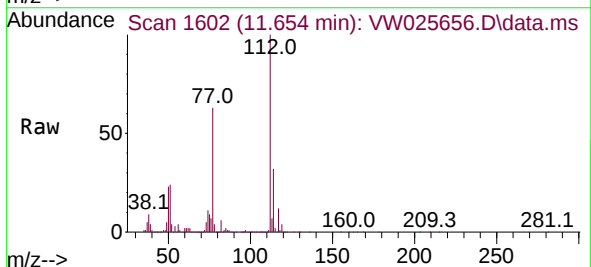
Tgt Ion:112 Resp: 584588

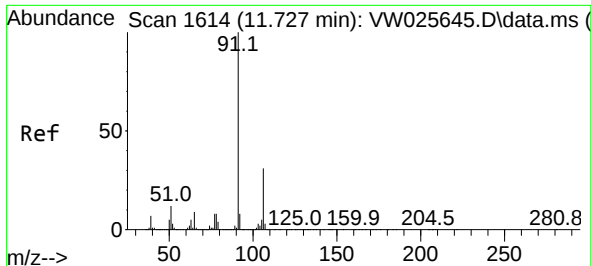
Ion Ratio Lower Upper

112 100

114 31.8 21.6 40.2

77 63.3 50.2 75.2

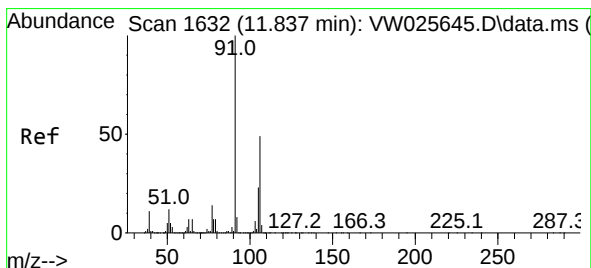
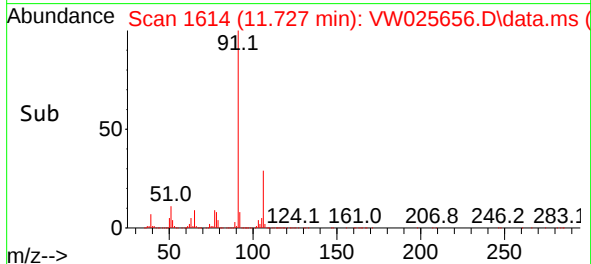
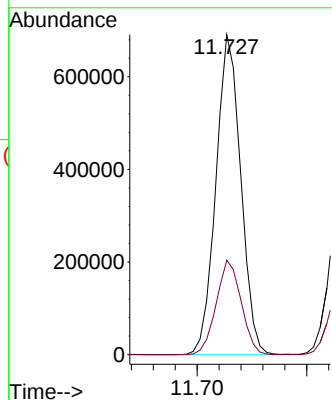
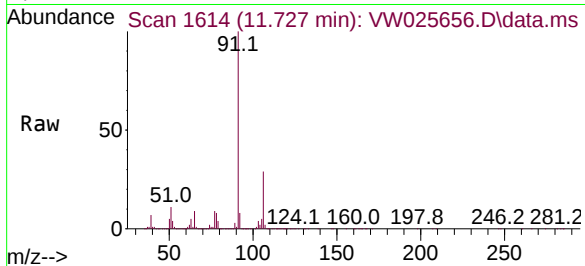




#52
Ethylbenzene
Concen: 20.064 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

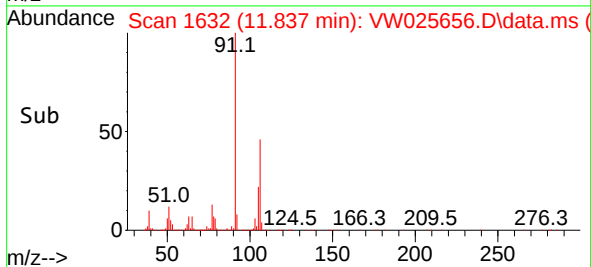
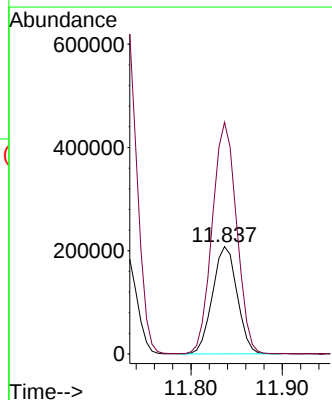
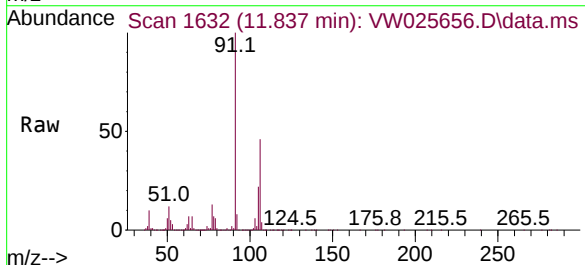
Instrument :
MSVOA_W
ClientSampleId :
EW906MS

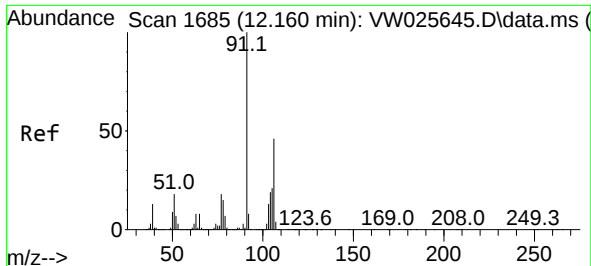
Tgt Ion: 91 Resp: 1088165
Ion Ratio Lower Upper
91 100
106 29.5 20.3 37.7



#53
m,p-Xylene
Concen: 19.528 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion:106 Resp: 388409
Ion Ratio Lower Upper
106 100
91 215.8 148.0 274.8

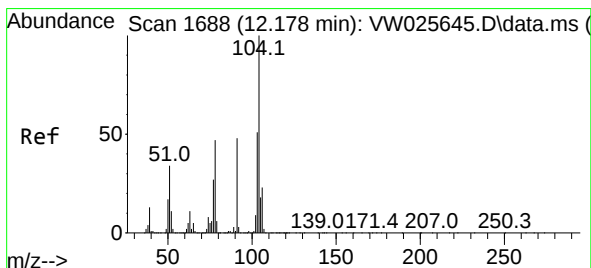
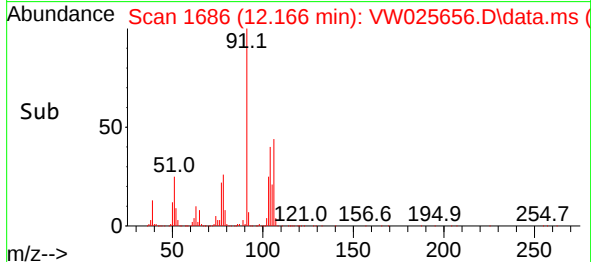
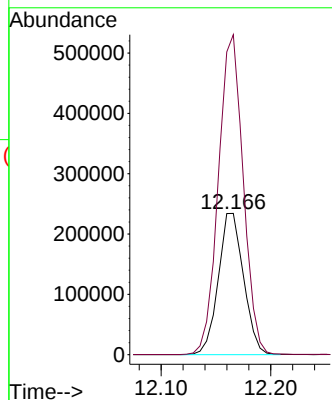
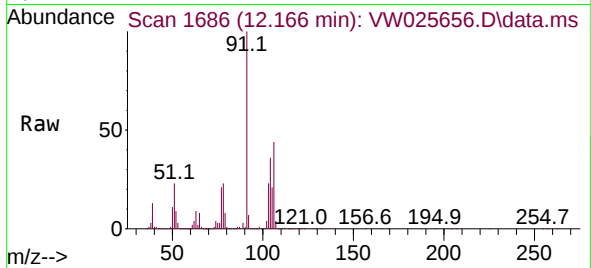




#54
o-Xylene
Concen: 20.170 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

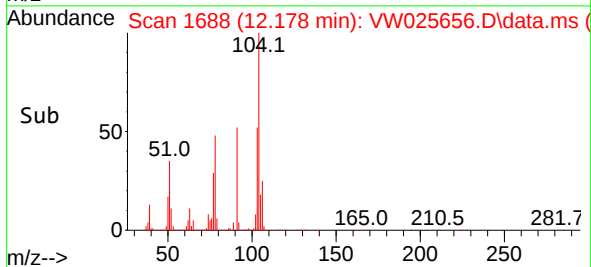
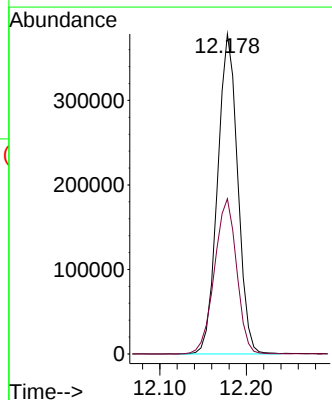
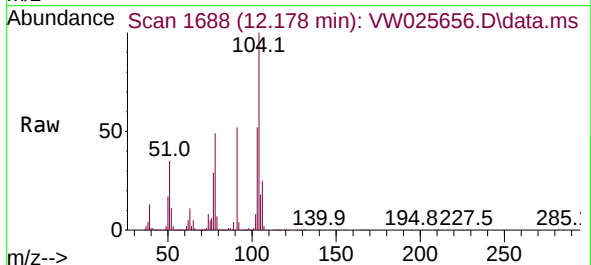
Instrument :
MSVOA_W
ClientSampleId :
EW906MS

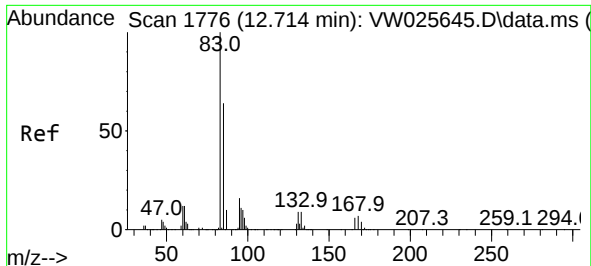
Tgt Ion:106 Resp: 375300
Ion Ratio Lower Upper
106 100
91 226.5 158.2 293.8



#55
Styrene
Concen: 19.526 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion:104 Resp: 611542
Ion Ratio Lower Upper
104 100
78 48.5 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 22.263 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

EW906MS

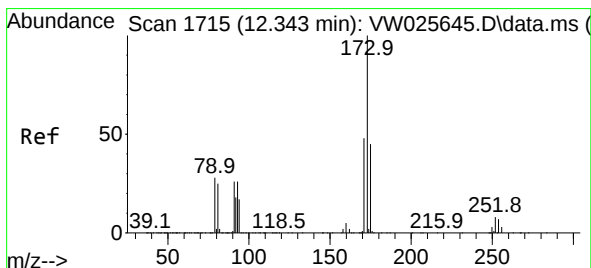
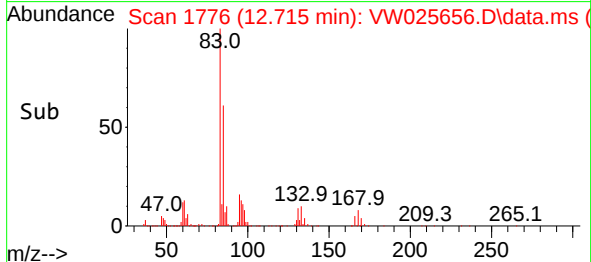
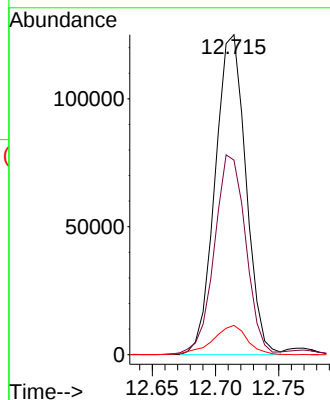
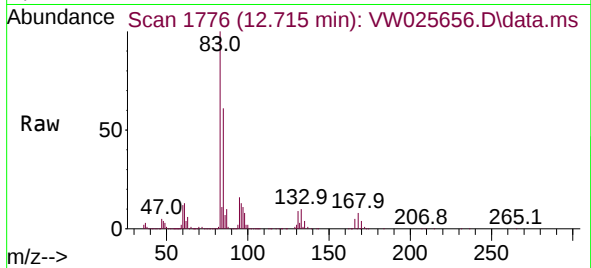
Tgt Ion: 83 Resp: 211363

Ion Ratio Lower Upper

83 100

85 60.8 43.5 80.7

131 9.1 7.0 10.4



#59

Bromoform

Concen: 30.457 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

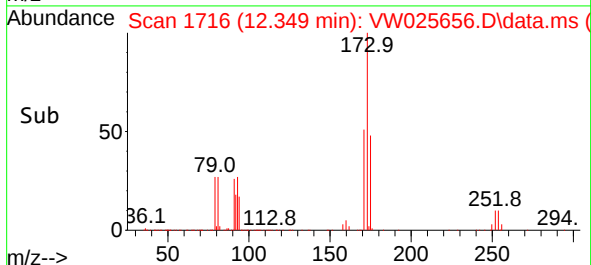
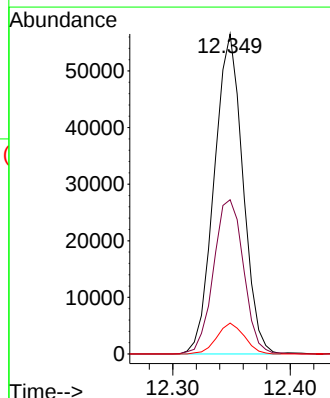
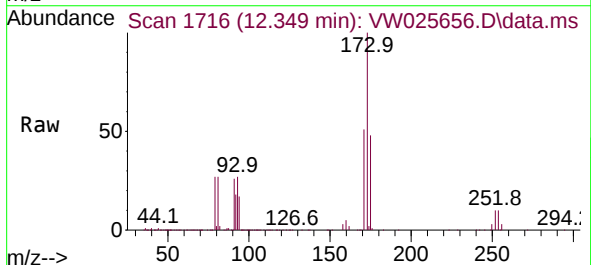
Tgt Ion:173 Resp: 95710

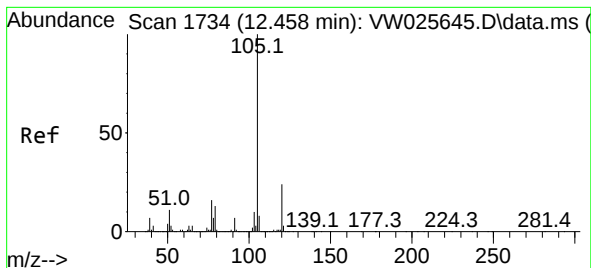
Ion Ratio Lower Upper

173 100

175 50.6 36.1 54.1

254 9.3 7.0 10.6





#60

Isopropylbenzene

Concen: 26.606 ug/L

RT: 12.465 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

EW906MS

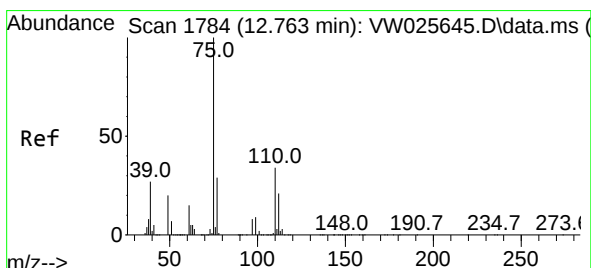
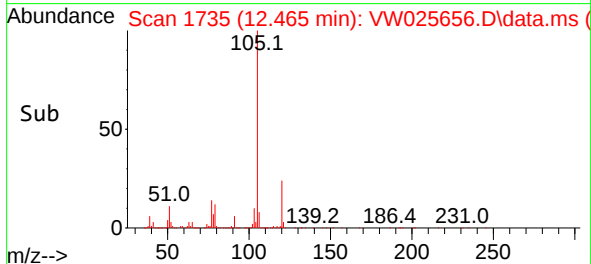
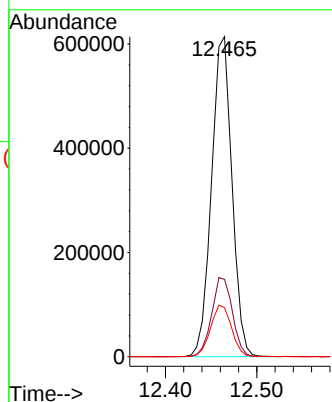
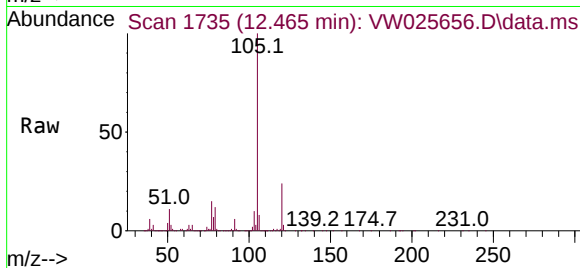
Tgt Ion:105 Resp: 955781

Ion Ratio Lower Upper

105 100

120 25.1 20.1 30.1

77 16.5 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 33.597 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

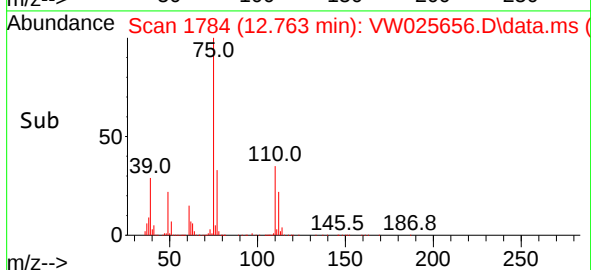
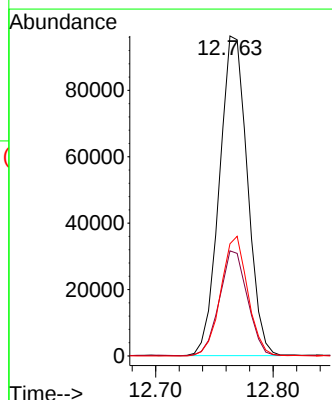
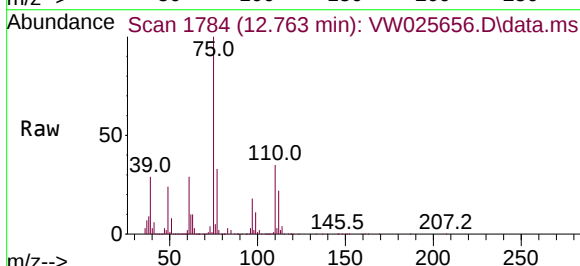
Tgt Ion: 75 Resp: 159685

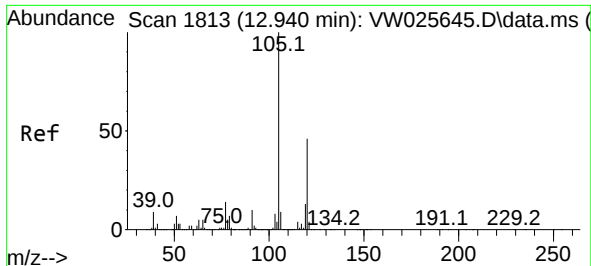
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2

110 35.9 29.0 43.6

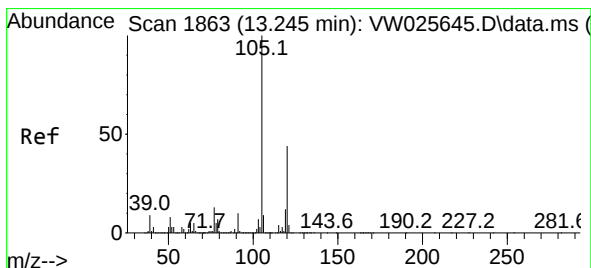
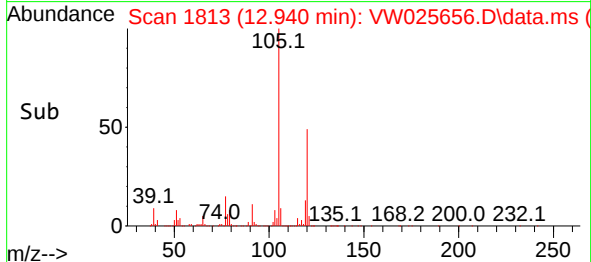
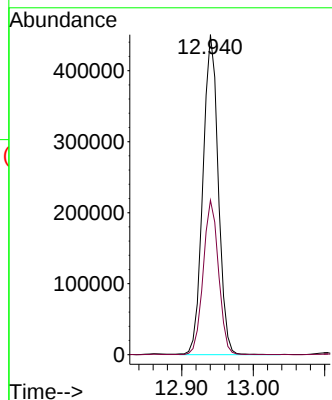
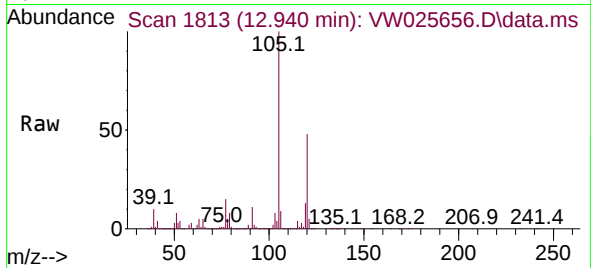




#62
 1,3,5-Trimethylbenzene
 Concen: 23.658 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW025656.D
 Acq: 24 Apr 2023 13:45

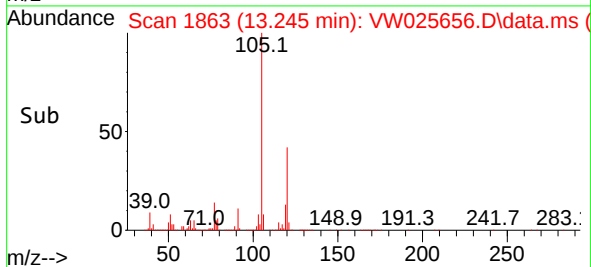
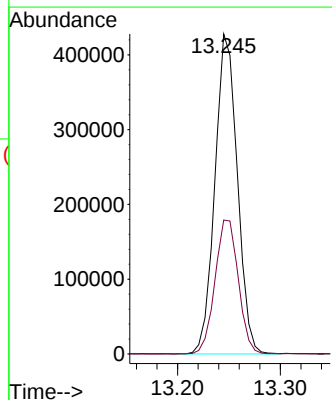
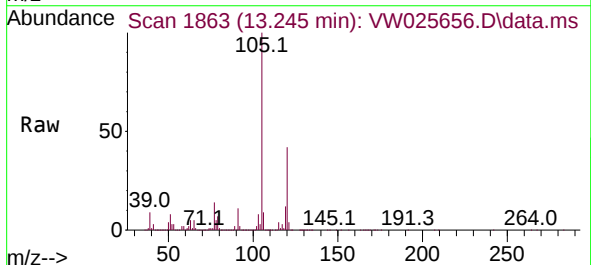
Instrument :
 MSVOA_W
 ClientSampleId :
 EW906MS

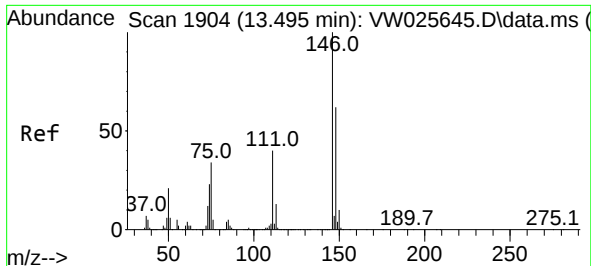
Tgt Ion:105 Resp: 670907
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 23.730 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW025656.D
 Acq: 24 Apr 2023 13:45

Tgt Ion:105 Resp: 647981
 Ion Ratio Lower Upper
 105 100
 120 43.6 34.8 52.2

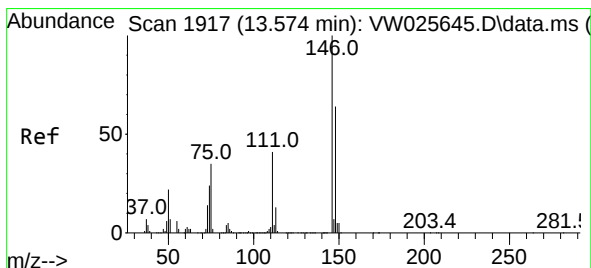
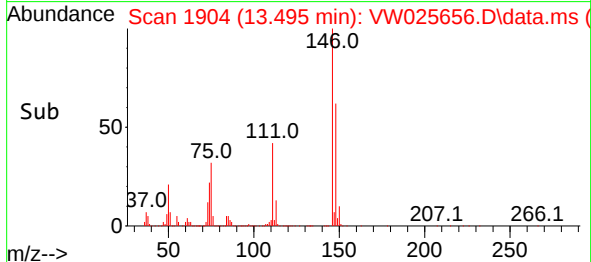
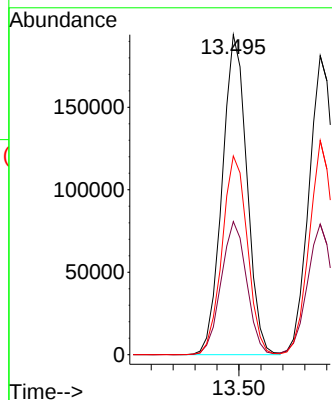
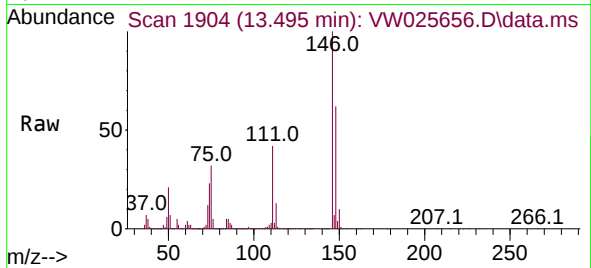




#64
1,3-Dichlorobenzene
Concen: 20.435 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

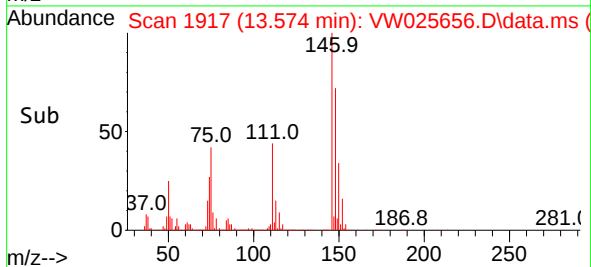
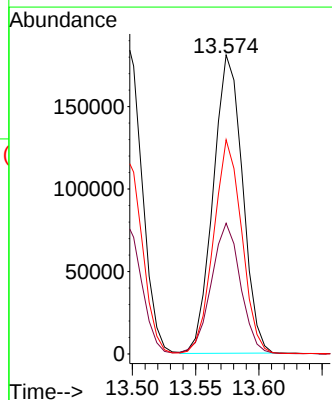
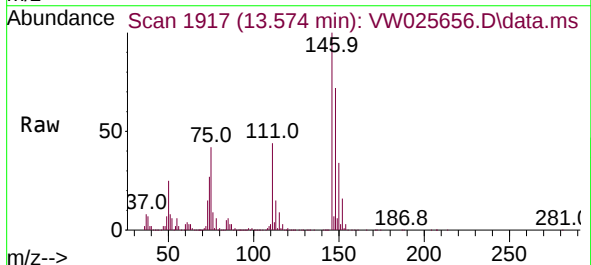
Instrument :
MSVOA_W
ClientSampleId :
EW906MS

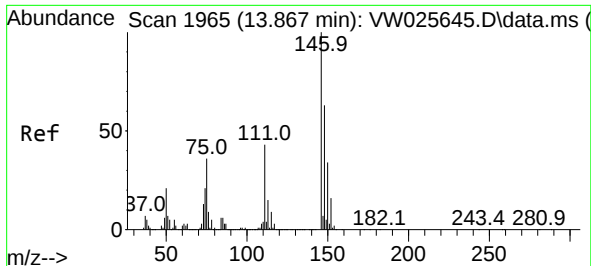
Tgt Ion:146 Resp: 304216
Ion Ratio Lower Upper
146 100
111 41.6 29.7 55.1
148 62.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 19.210 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025656.D
Acq: 24 Apr 2023 13:45

Tgt Ion:146 Resp: 292059
Ion Ratio Lower Upper
146 100
111 43.7 30.4 56.5
148 71.6 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 20.345 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

EW906MS

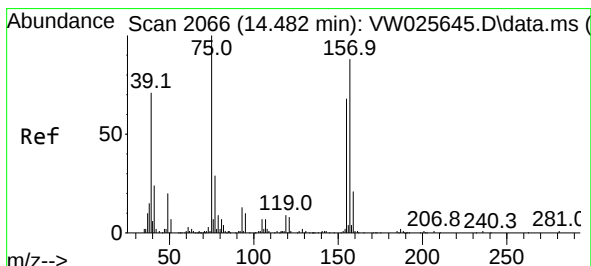
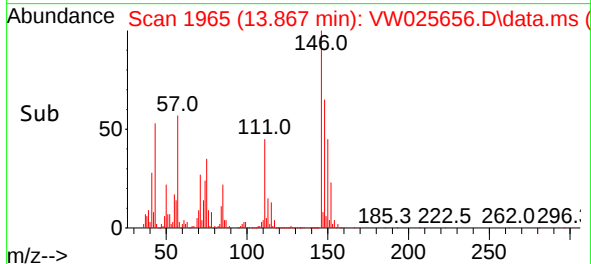
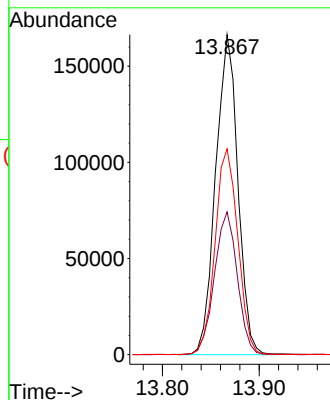
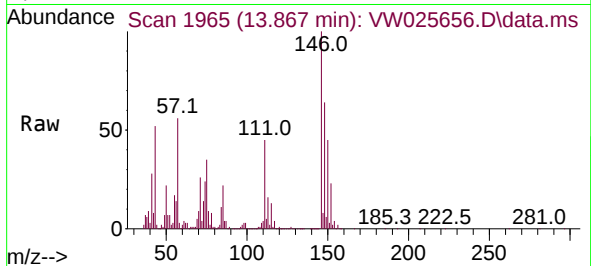
Tgt Ion:146 Resp: 265529

Ion Ratio Lower Upper

146 100

111 44.6 35.3 52.9

148 64.3 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 29.126 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

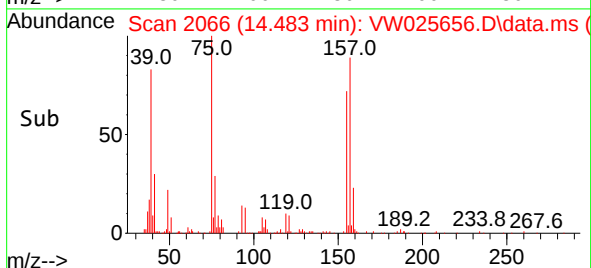
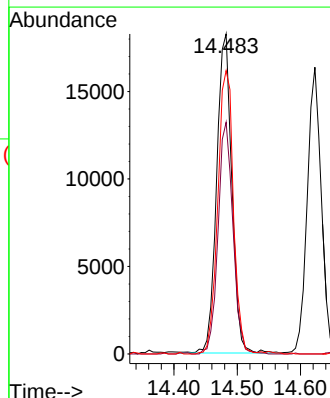
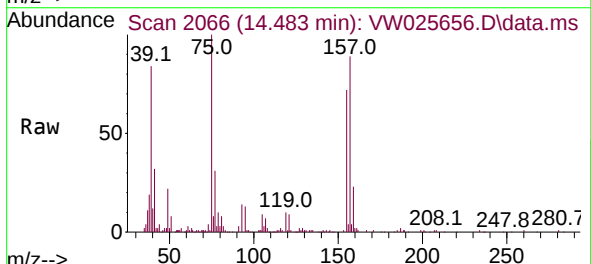
Tgt Ion: 75 Resp: 30368

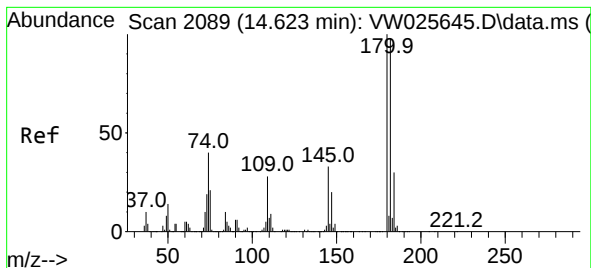
Ion Ratio Lower Upper

75 100

155 72.4 61.1 91.7

157 88.6 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 11.692 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

EW906MS

Tgt Ion:180 Resp: 116538

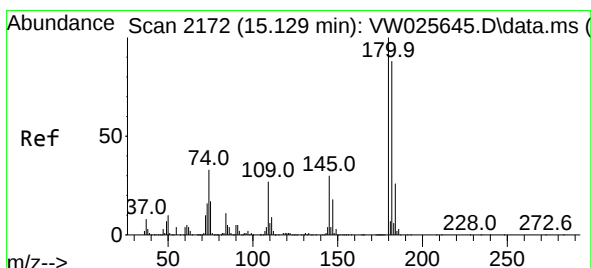
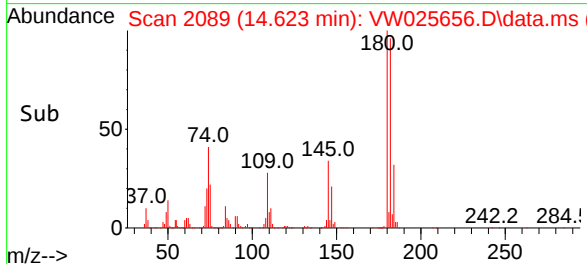
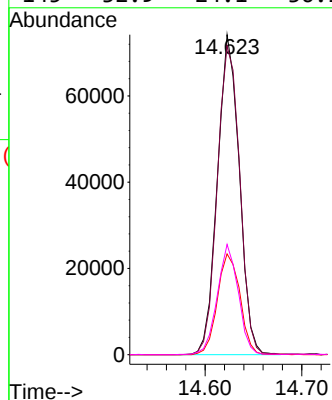
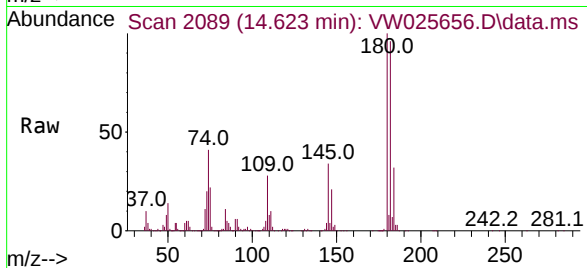
Ion Ratio Lower Upper

180 100

182 99.0 76.4 114.6

184 32.4 24.1 36.1

145 32.9 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 10.304 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

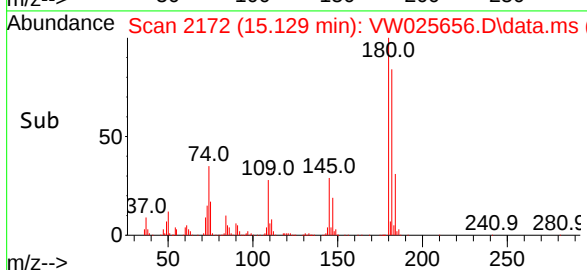
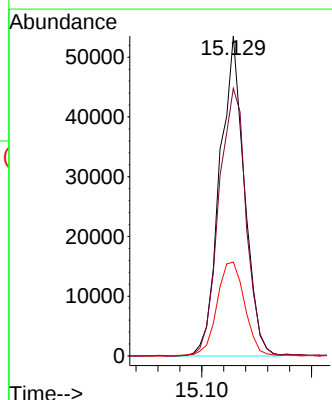
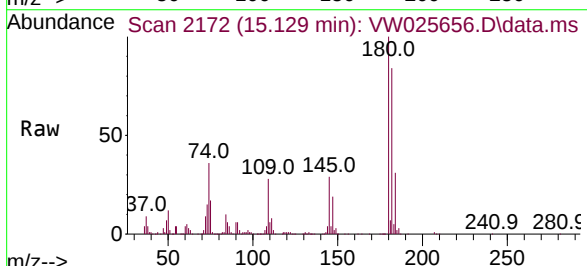
Tgt Ion:180 Resp: 83431

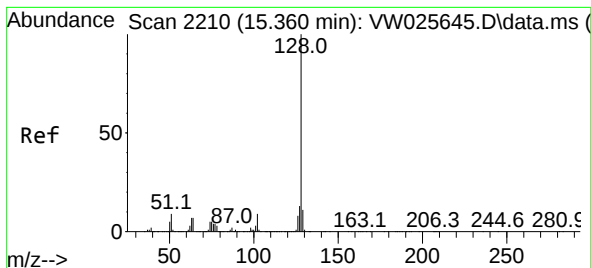
Ion Ratio Lower Upper

180 100

182 92.5 79.5 119.3

145 33.1 27.4 41.0





#71

Naphthalene

Concen: 14.078 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Instrument :

MSVOA_W

ClientSampleId :

EW906MS

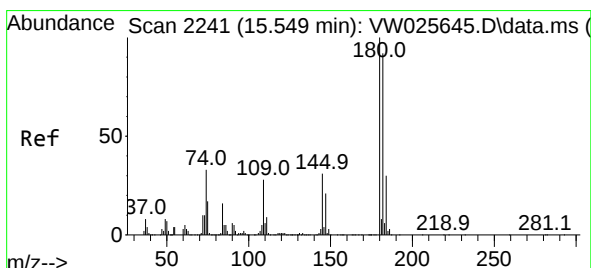
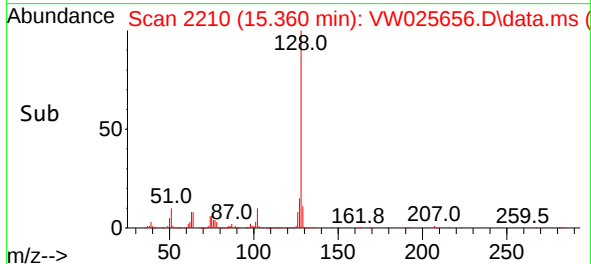
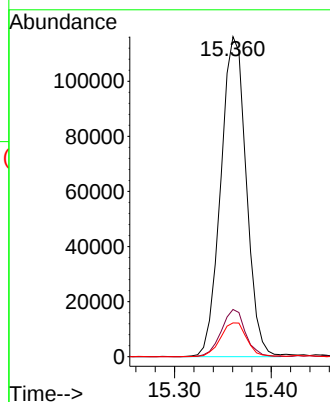
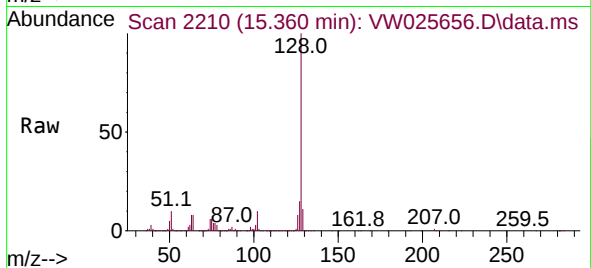
Tgt Ion:128 Resp: 212689

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 9.548 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025656.D

Acq: 24 Apr 2023 13:45

Tgt Ion:180 Resp: 67590

Ion Ratio Lower Upper

180 100

182 95.9 72.9 109.3

145 34.4 27.0 40.6

