

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
 Data File : VW025657.D
 Acq On : 24 Apr 2023 14:09
 Operator : SY/MD
 Sample : 02417-25MSD
 Misc : 4.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW906MSD

Quant Time: Apr 25 01:11:46 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	905367	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	750342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	305057	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	245532	16.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.680%
7) Chloroethane-d5	2.893	69	196837	18.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.080%
11) 1,1-Dichloroethene-d2	4.027	63	569420	19.112	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.440%
21) 2-Butanone-d5	7.075	46	185264	56.368	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.740%
24) Chloroform-d	7.648	84	568518	22.365	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.440%
26) 1,2-Dichloroethane-d4	8.307	65	316516	23.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.720%
32) Benzene-d6	8.276	84	1098700	22.614	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.440%
36) 1,2-Dichloropropane-d6	9.270	67	367036	24.228	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.920%
41) Toluene-d8	10.325	98	934395	22.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	10.575	79	130309	22.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.760%
47) 2-Hexanone-d5	10.922	63	124511	60.131	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	281578	27.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.160%
66) 1,2-Dichlorobenzene-d4	13.849	152	227102	21.670	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	250448	19.781	ug/L	98
3) Chloromethane	2.223	50	326453	22.225	ug/L	98
5) Vinyl chloride	2.369	62	348607	21.469	ug/L	99
6) Bromomethane	2.783	94	166519	19.064	ug/L	98
8) Chloroethane	2.930	64	200743	22.074	ug/L	100
9) Trichlorofluoromethane	3.265	101	285056	22.787	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	287407	22.895	ug/L	97
12) 1,1-Dichloroethene	4.045	96	276529	22.007	ug/L	93
13) Acetone	4.119	43	188701	67.836	ug/L	98
14) Carbon disulfide	4.387	76	824375	18.596	ug/L	99
15) Methyl Acetate	4.667	43	134813	21.572	ug/L	99
16) Methylene chloride	4.917	84	352417	24.489	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	291227	21.800	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	506109	27.452	ug/L	99
19) 1,1-Dichloroethane	6.216	63	642893	24.087	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	326619	23.499	ug/L	96
22) 2-Butanone	7.167	43	260775	65.945	ug/L	97
23) Bromochloromethane	7.508	128	136721	23.986	ug/L	96
25) Chloroform	7.679	83	587916	24.087	ug/L	100

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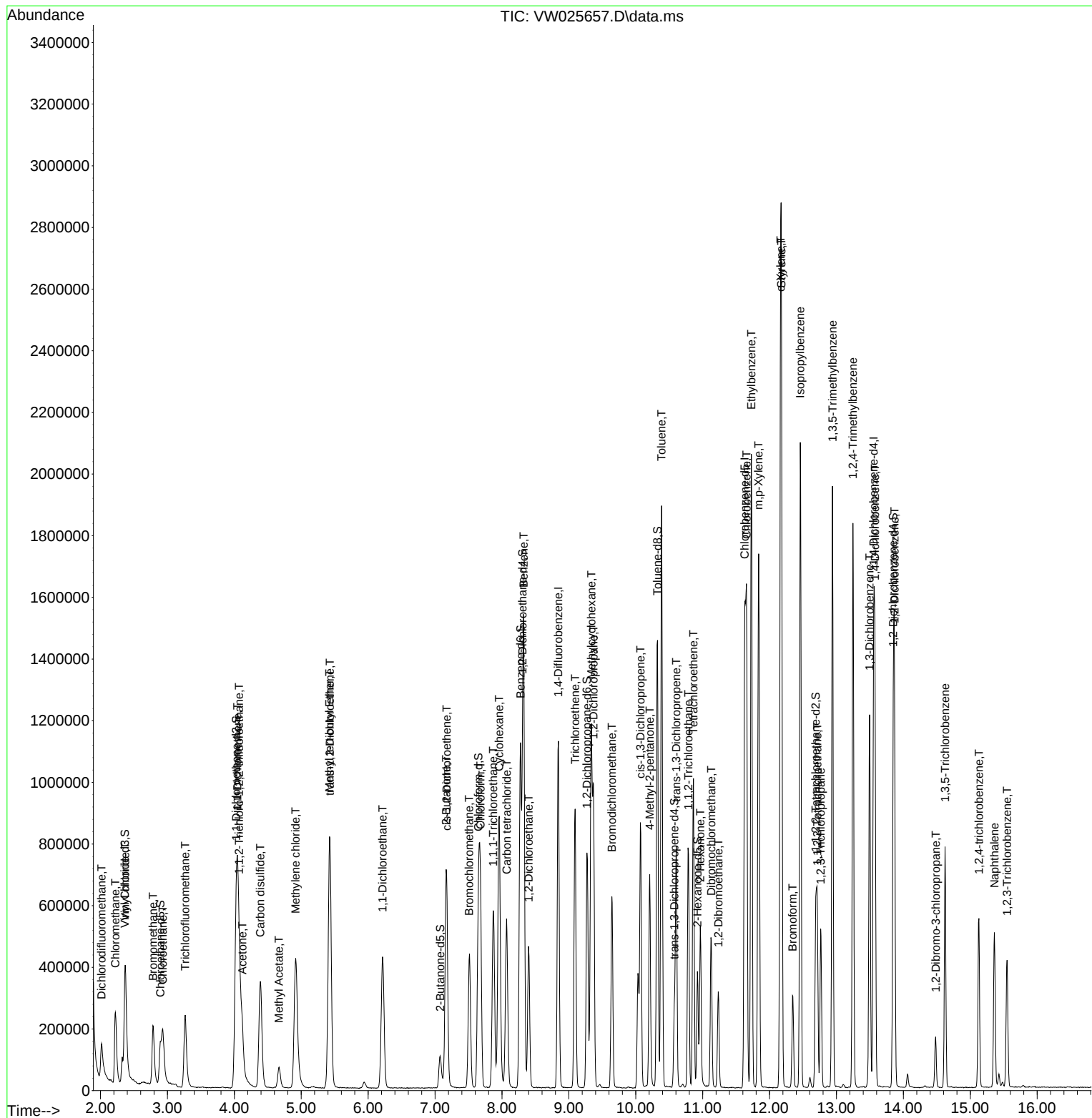
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	408581	24.946	ug/L	99
29) Cyclohexane	7.959	56	526693	21.687	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	464078	24.892	ug/L	99
31) Carbon tetrachloride	8.069	117	404944	24.051	ug/L	99
33) Benzene	8.325	78	1290168	24.703	ug/L	100
34) Trichloroethene	9.093	95	317709	23.387	ug/L	91
35) Methylcyclohexane	9.337	83	438473	17.875	ug/L	99
37) 1,2-Dichloropropane	9.368	63	360120	26.109	ug/L	100
38) Bromodichloromethane	9.642	83	415858	26.351	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	485684	24.548	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	477689	61.185	ug/L	100
42) Toluene	10.386	91	1296202	24.373	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	410708	25.174	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	239927	27.281	ug/L	98
46) Tetrachloroethene	10.861	164	206023	21.563	ug/L	95
48) 2-Hexanone	10.965	43	345662	64.079	ug/L	97
49) Dibromochloromethane	11.130	129	249379	26.931	ug/L	94
50) 1,2-Dibromoethane	11.233	107	207449	25.672	ug/L	93
51) Chlorobenzene	11.654	112	764705	23.335	ug/L	98
52) Ethylbenzene	11.727	91	1412533	23.471	ug/L	100
53) m,p-Xylene	11.837	106	517937	23.468	ug/L	96
54) o-Xylene	12.166	106	494624	23.957	ug/L	96
55) Styrene	12.178	104	830632	23.902	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	282740	26.839	ug/L	99
59) Bromoform	12.343	173	132372	31.666	ug/L	98
60) Isopropylbenzene	12.459	105	1299916	27.203	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	209575	33.148	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	992260	26.304	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	949758	26.147	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	461168	23.288	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	463249	22.906	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	409247	23.573	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.483	75	43296	31.217	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	211337	15.940	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	162303	15.070	ug/L	94
71) Naphthalene	15.360	128	409799	20.391	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	130890	13.900	ug/L	98

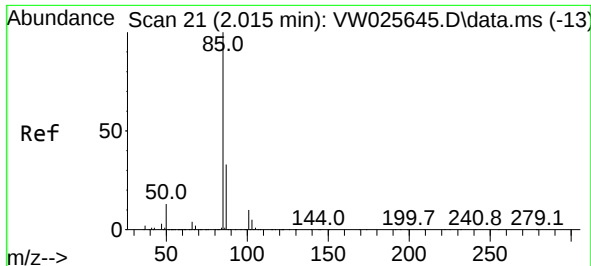
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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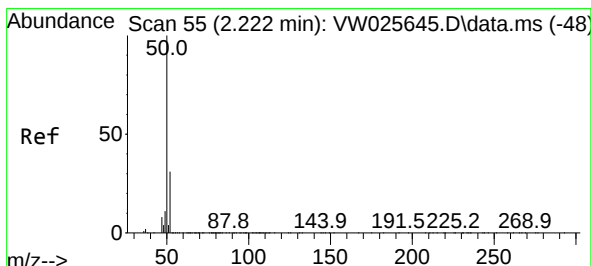
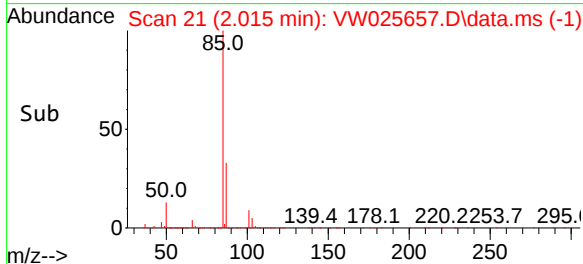
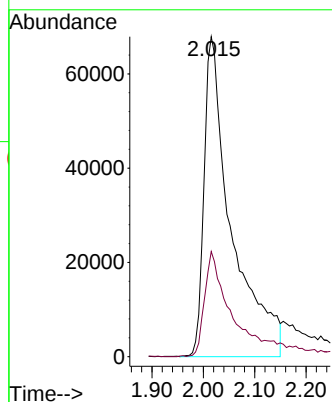
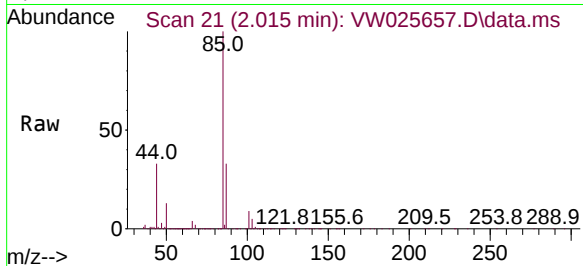




#2
 Dichlorodifluoromethane
 Concen: 19.781 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025657.D
 Acq: 24 Apr 2023 14:09

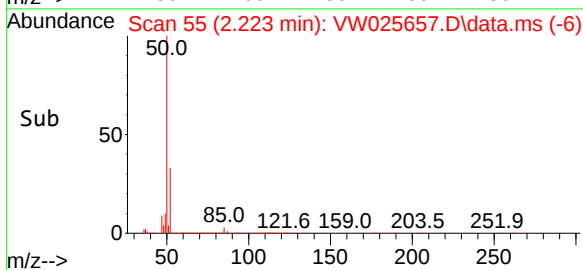
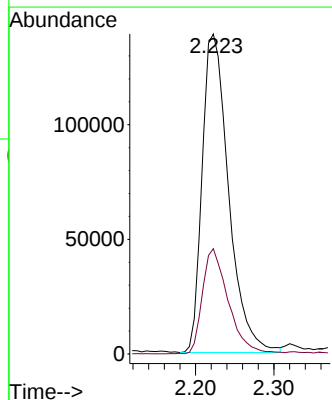
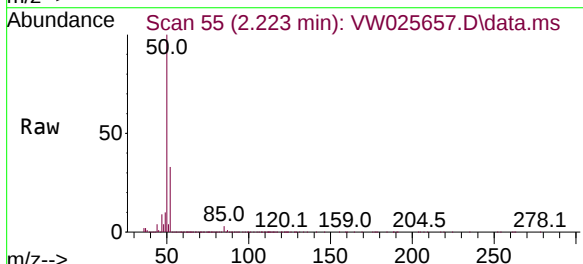
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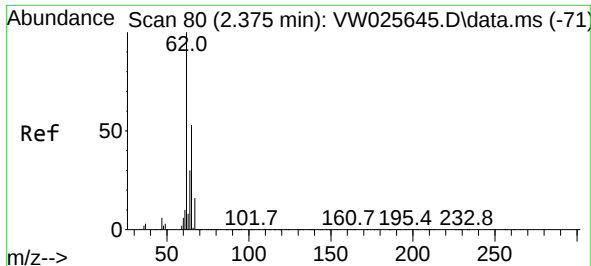
Tgt Ion: 85 Resp: 250448
 Ion Ratio Lower Upper
 85 100
 87 29.7 24.6 37.0



#3
 Chloromethane
 Concen: 22.225 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025657.D
 Acq: 24 Apr 2023 14:09

Tgt Ion: 50 Resp: 326453
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.2 41.2

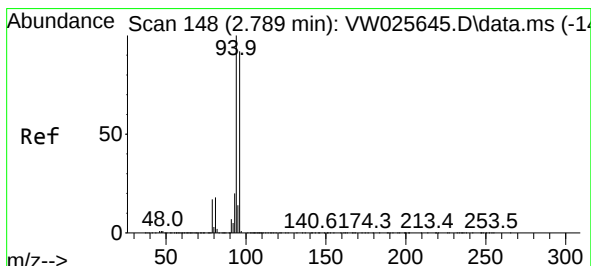
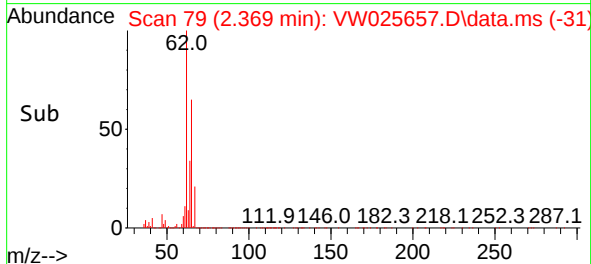
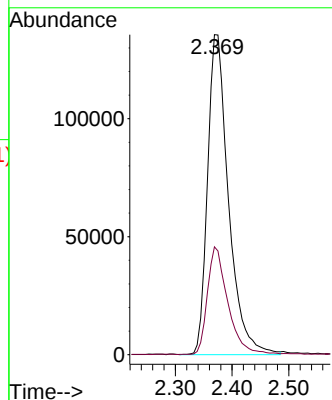
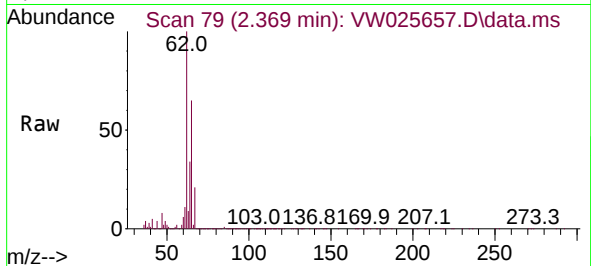




#5
 Vinyl chloride
 Concen: 21.469 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW025657.D
 Acq: 24 Apr 2023 14:09

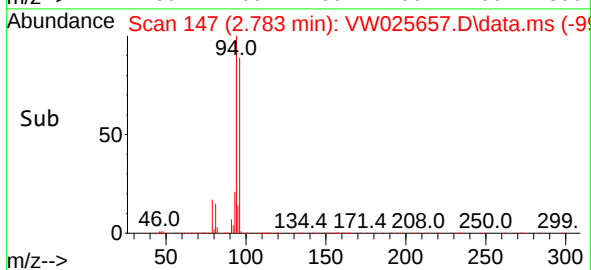
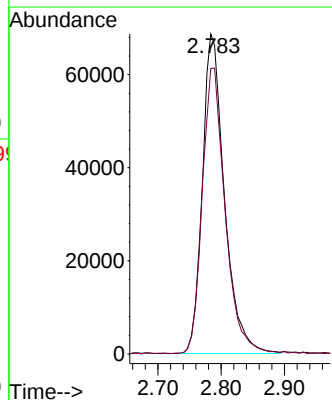
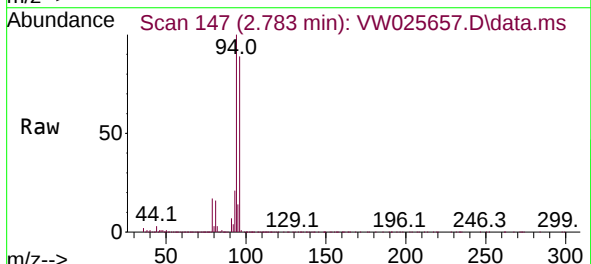
Instrument :
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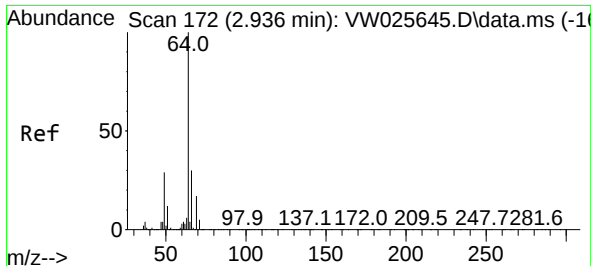
Tgt Ion: 62 Resp: 348607
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.9 44.3



#6
 Bromomethane
 Concen: 19.064 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025657.D
 Acq: 24 Apr 2023 14:09

Tgt Ion: 94 Resp: 166519
 Ion Ratio Lower Upper
 94 100
 96 89.3 64.0 118.8

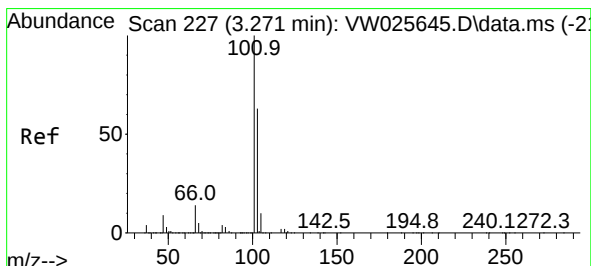
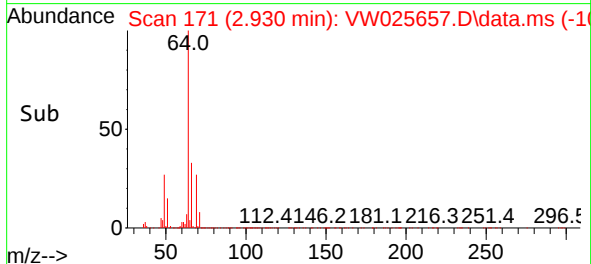
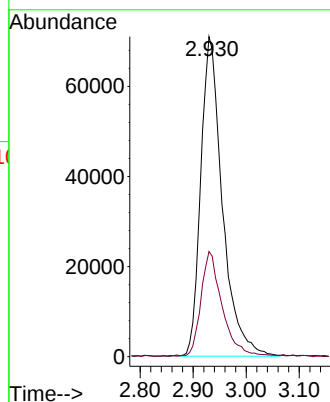
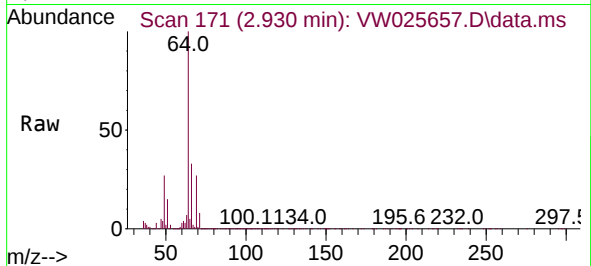




#8
Chloroethane
Concen: 22.074 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

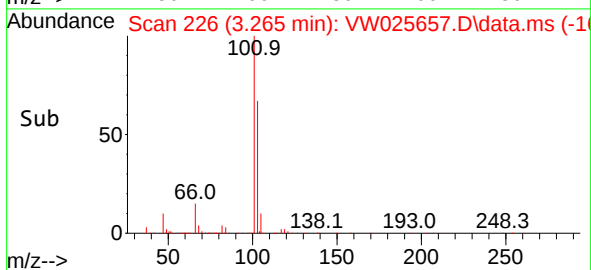
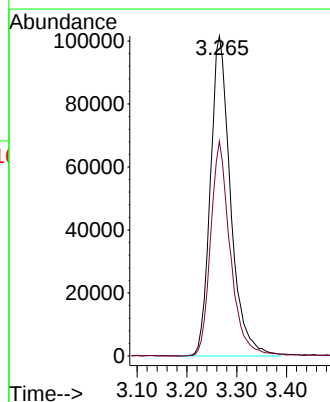
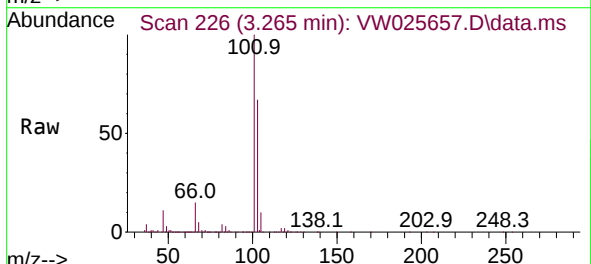
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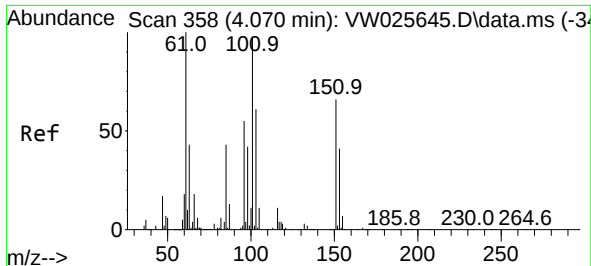
Tgt Ion: 64 Resp: 200743
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.787 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion: 101 Resp: 285056
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

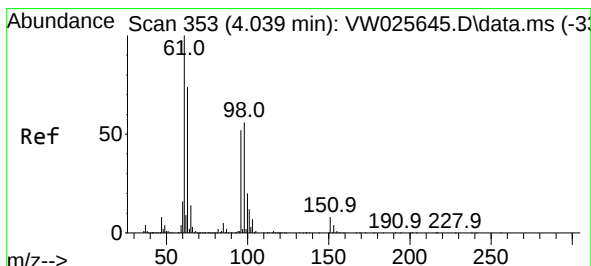
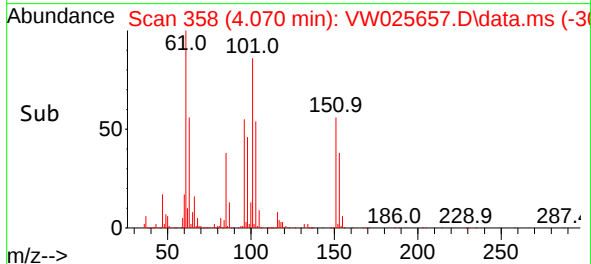
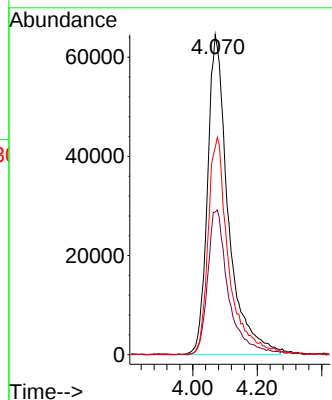
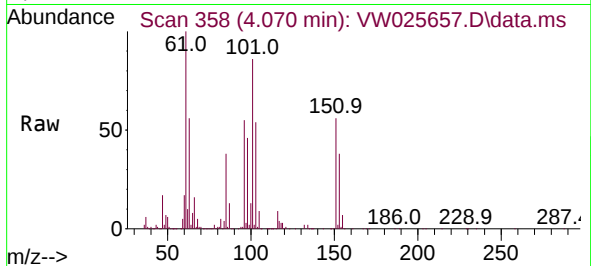




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.895 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW025657.D
 Acq: 24 Apr 2023 14:09

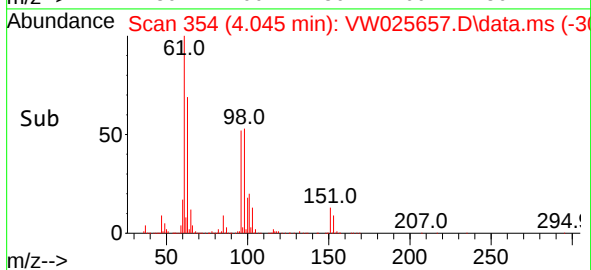
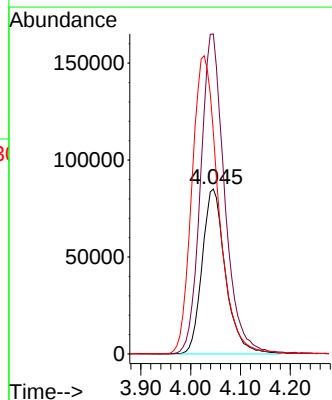
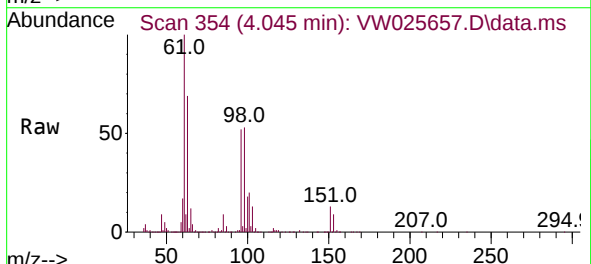
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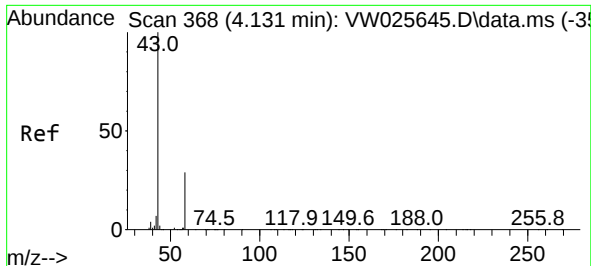
Tgt Ion:101 Resp: 287407
 Ion Ratio Lower Upper
 101 100
 85 44.9 34.5 51.7
 151 65.7 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 22.007 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW025657.D
 Acq: 24 Apr 2023 14:09

Tgt Ion: 96 Resp: 276529
 Ion Ratio Lower Upper
 96 100
 61 193.9 132.7 246.4
 63 134.6 105.0 195.0

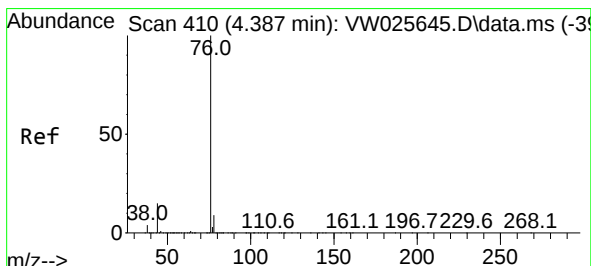
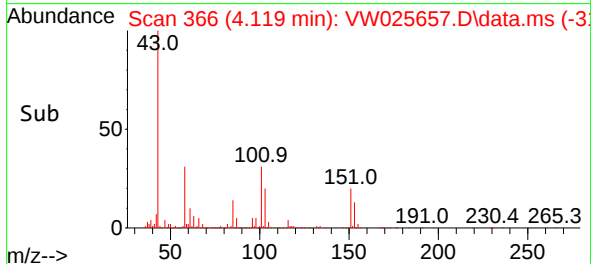
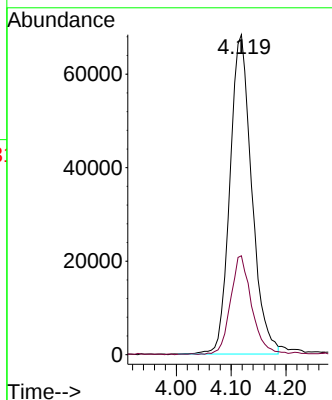
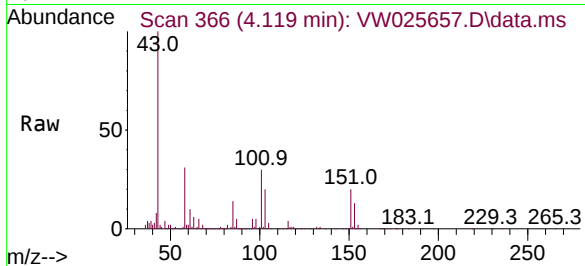




#13
Acetone
Concen: 67.836 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
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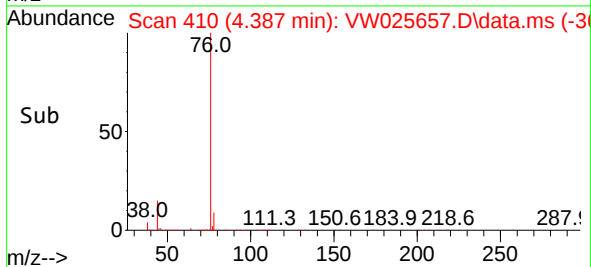
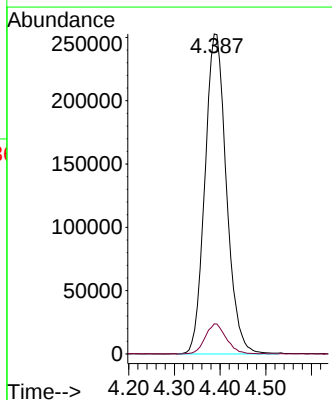
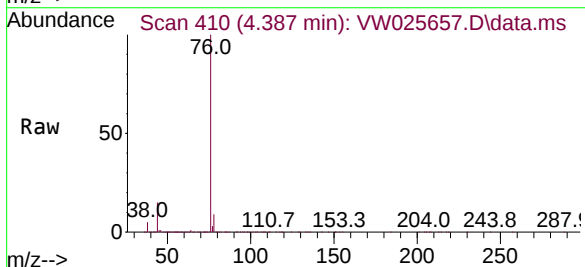
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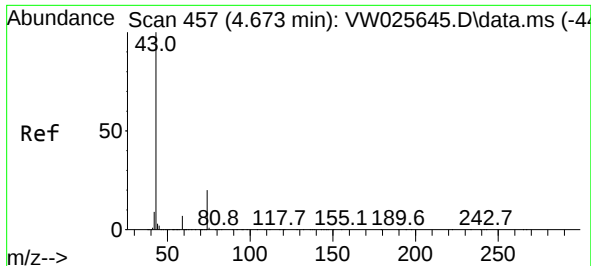
Tgt Ion: 43 Resp: 188701
Ion Ratio Lower Upper
43 100
58 30.0 0.0 57.4



#14
Carbon disulfide
Concen: 18.596 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion: 76 Resp: 824375
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

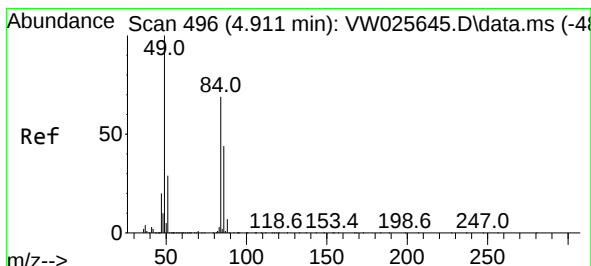
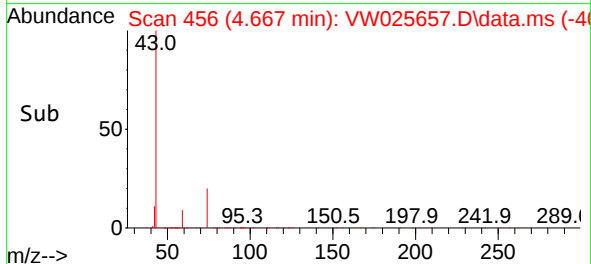
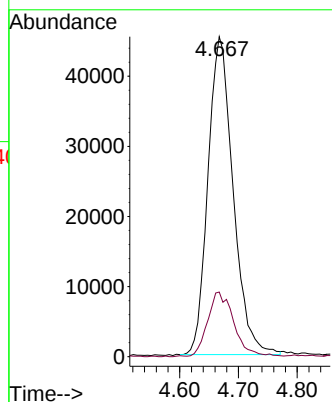
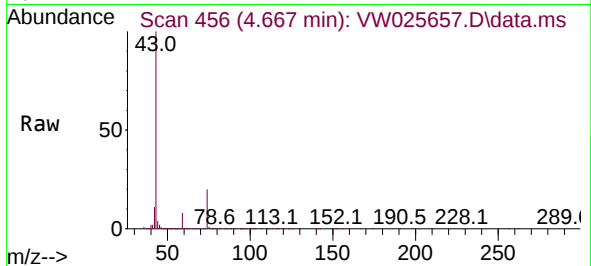




#15
Methyl Acetate
Concen: 21.572 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

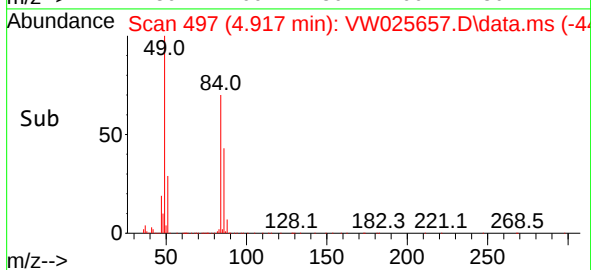
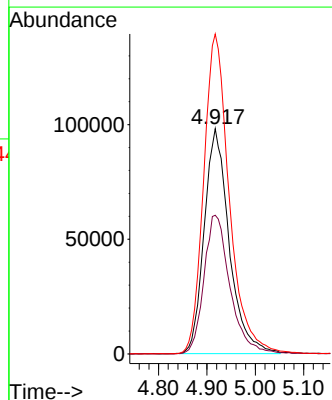
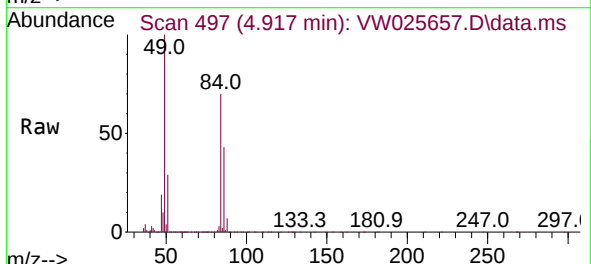
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

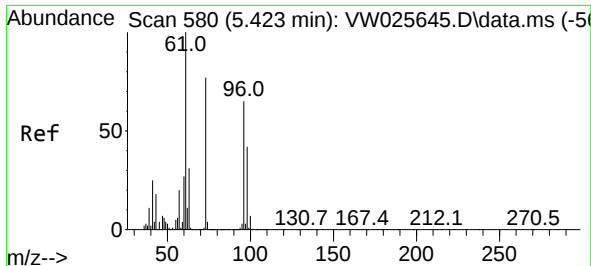
Tgt Ion: 43 Resp: 134813
Ion Ratio Lower Upper
43 100
74 20.7 17.0 25.4



#16
Methylene chloride
Concen: 24.489 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion: 84 Resp: 352417
Ion Ratio Lower Upper
84 100
86 61.6 44.9 83.3
49 142.1 101.4 188.4

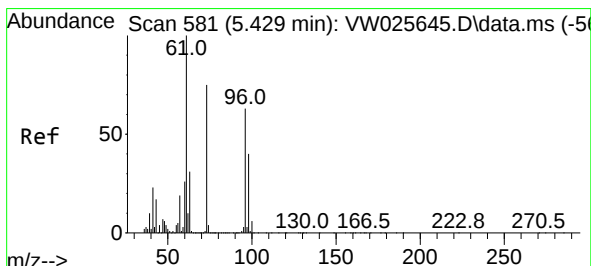
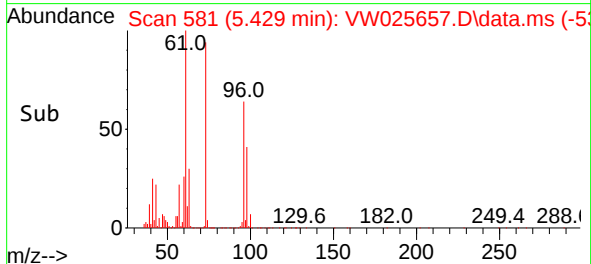
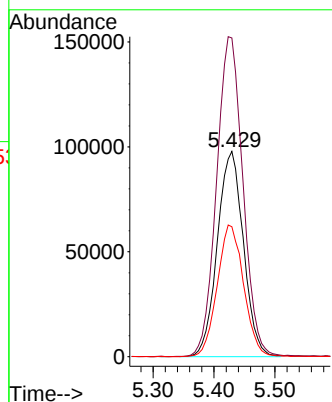
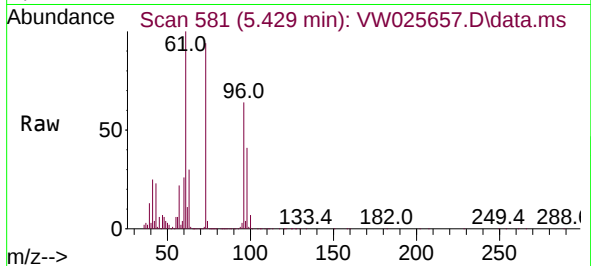




#17
trans-1,2-Dichloroethene
Concen: 21.800 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

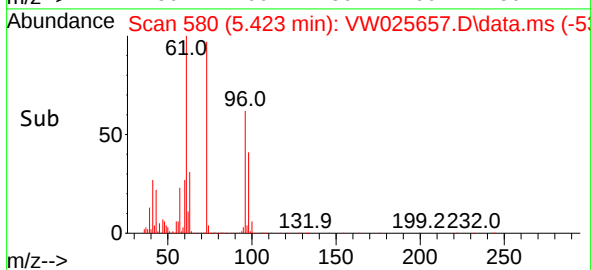
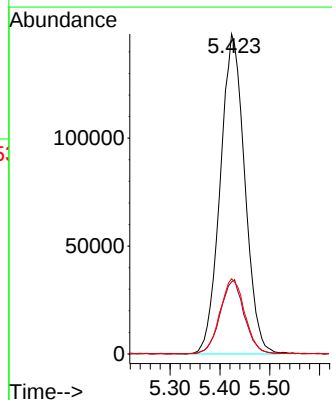
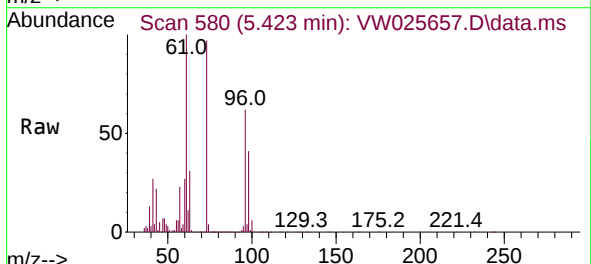
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

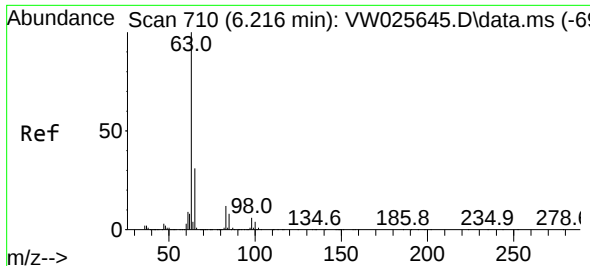
Tgt Ion: 96 Resp: 291227
Ion Ratio Lower Upper
96 100
61 155.3 113.3 210.3
98 63.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 27.452 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion: 73 Resp: 506109
Ion Ratio Lower Upper
73 100
43 22.9 17.8 26.6
57 23.9 19.0 28.6

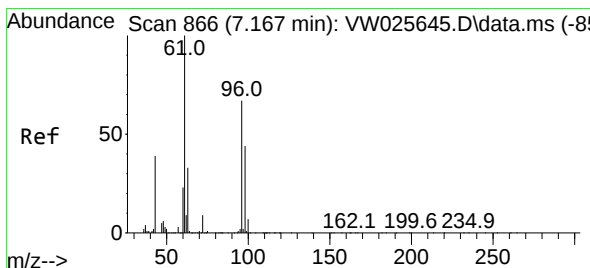
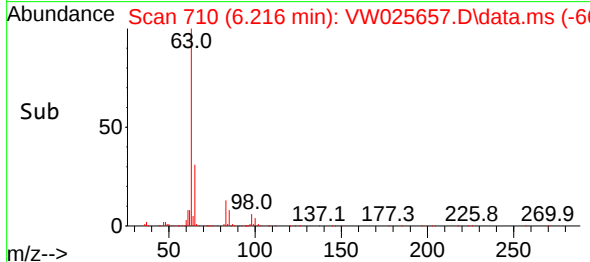
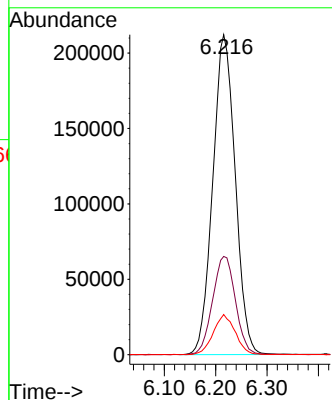
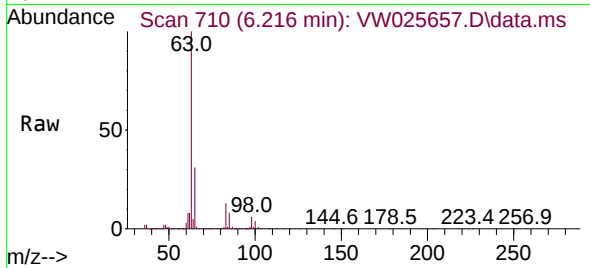




#19
1,1-Dichloroethane
Concen: 24.087 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

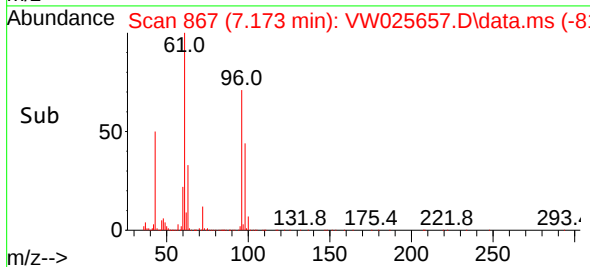
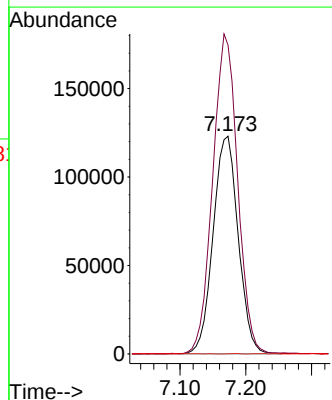
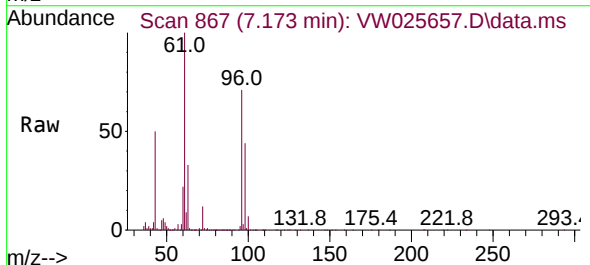
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

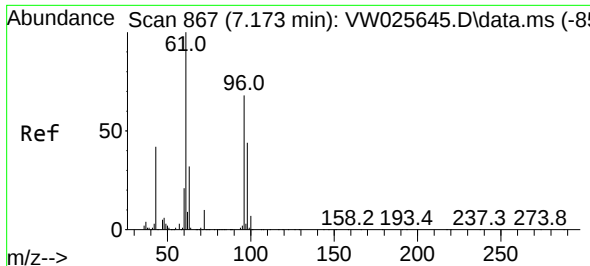
Tgt Ion: 63 Resp: 642893
Ion Ratio Lower Upper
63 100
65 30.7 21.9 40.7
83 12.6 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 23.499 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion: 96 Resp: 326619
Ion Ratio Lower Upper
96 100
61 141.8 102.6 190.6
68 0.1 0.1 0.1

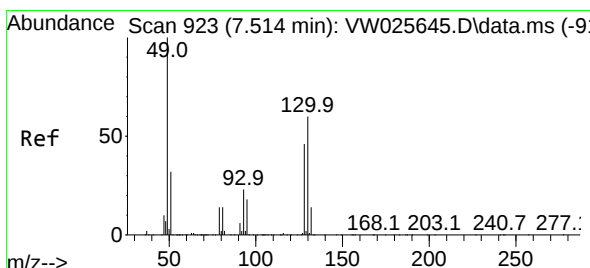
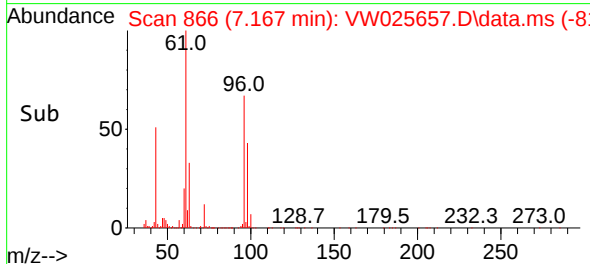
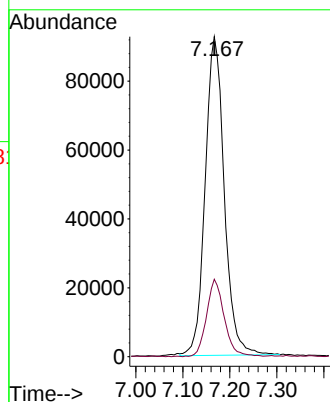
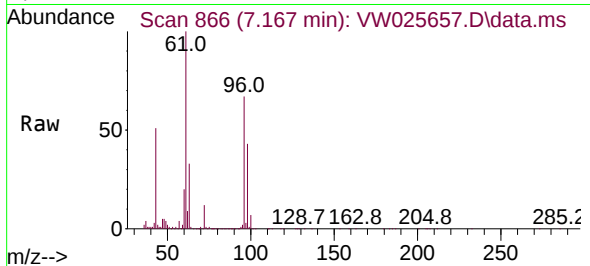




#22
2-Butanone
Concen: 65.945 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

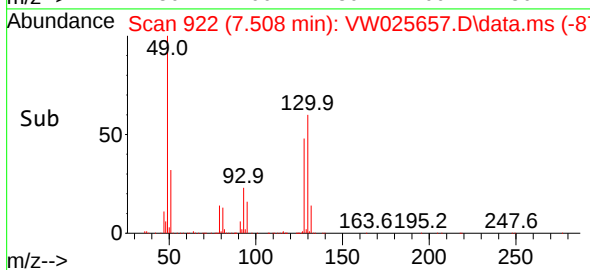
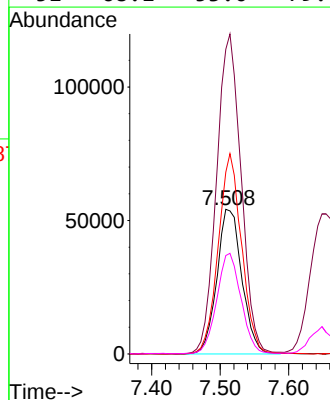
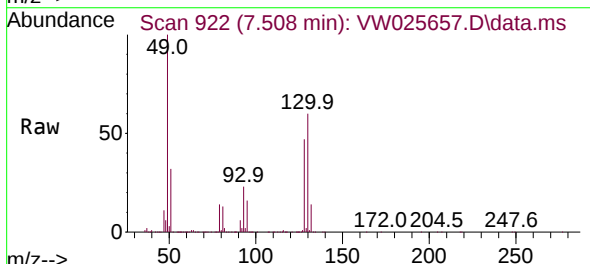
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

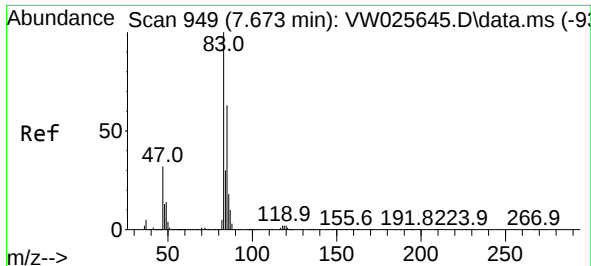
Tgt Ion: 43 Resp: 260775
Ion Ratio Lower Upper
43 100
72 22.5 12.0 36.0



#23
Bromochloromethane
Concen: 23.986 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion: 128 Resp: 136721
Ion Ratio Lower Upper
128 100
49 210.8 141.7 263.3
130 125.7 86.7 160.9
51 68.1 53.0 79.6

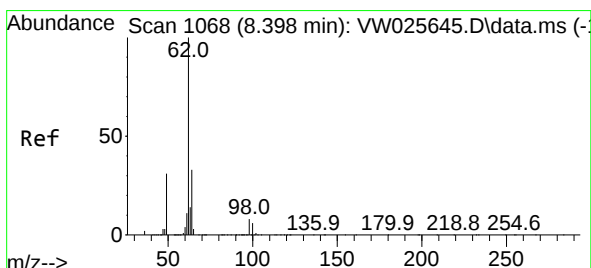
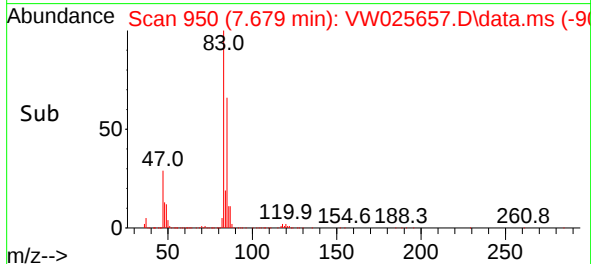
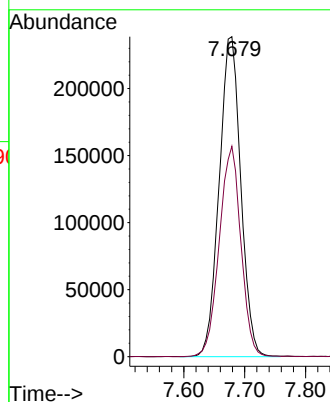
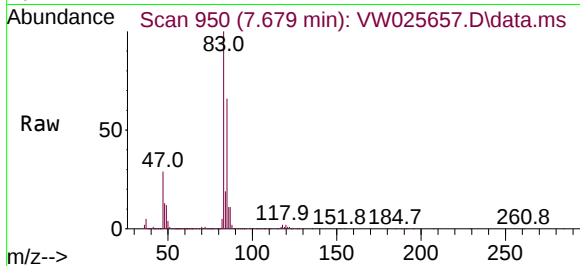




#25
Chloroform
Concen: 24.087 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

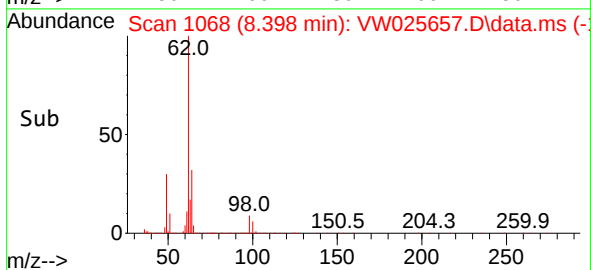
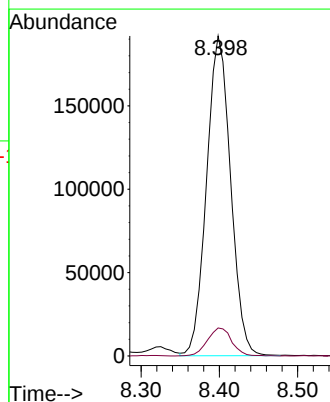
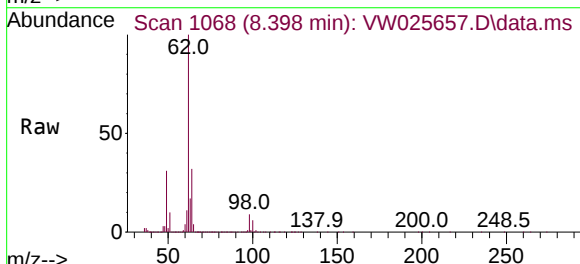
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

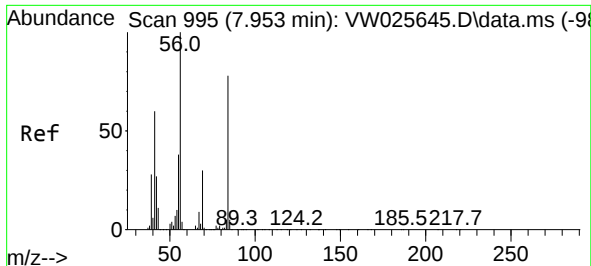
Tgt Ion: 83 Resp: 587916
Ion Ratio Lower Upper
83 100
85 65.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 24.946 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion: 62 Resp: 408581
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0

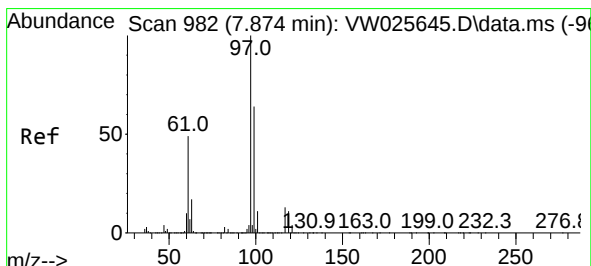
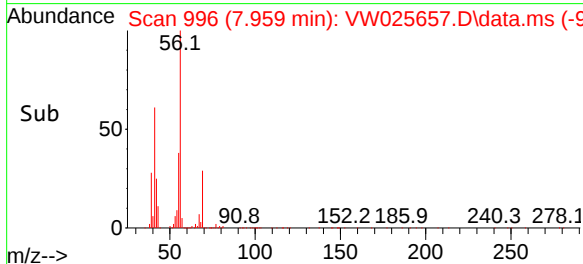
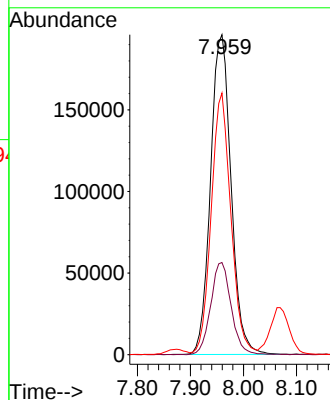
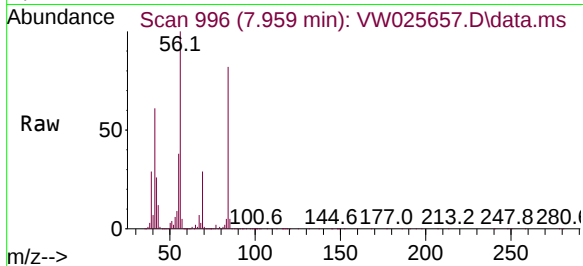




#29
Cyclohexane
Concen: 21.687 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

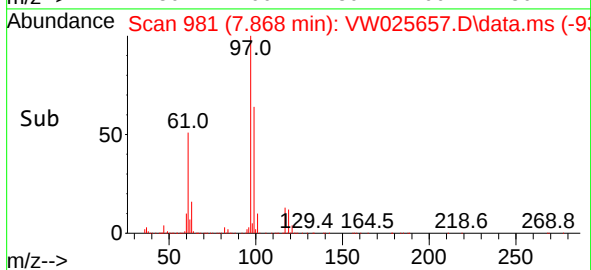
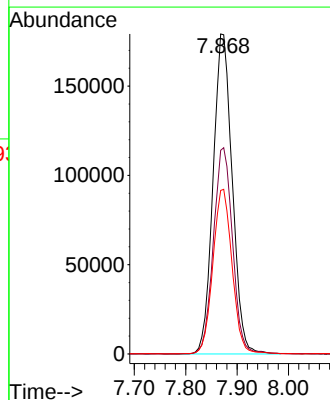
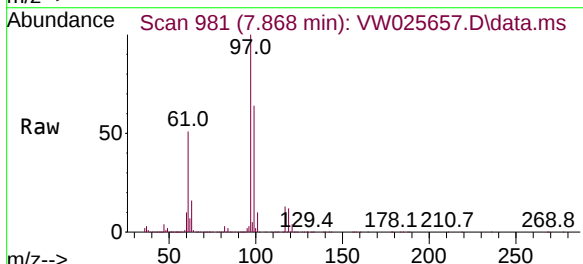
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

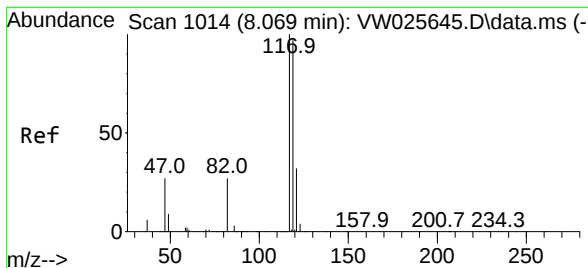
Tgt Ion: 56 Resp: 526693
Ion Ratio Lower Upper
56 100
69 28.7 22.7 34.1
84 78.5 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 24.892 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion: 97 Resp: 464078
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 51.5 40.5 60.7





#31

Carbon tetrachloride

Concen: 24.051 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Instrument :

MSVOA_W

ClientSampleId :

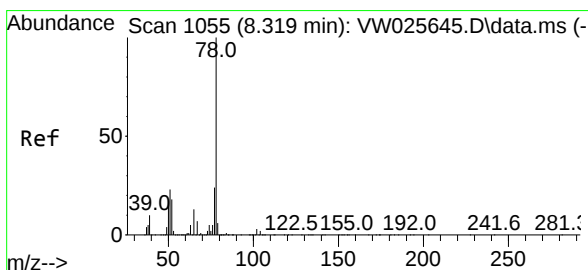
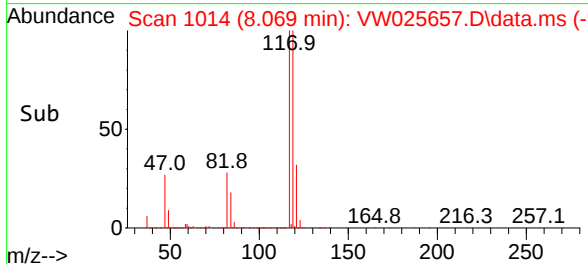
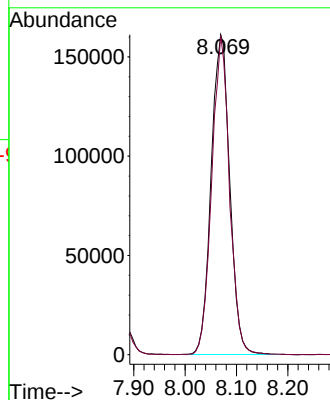
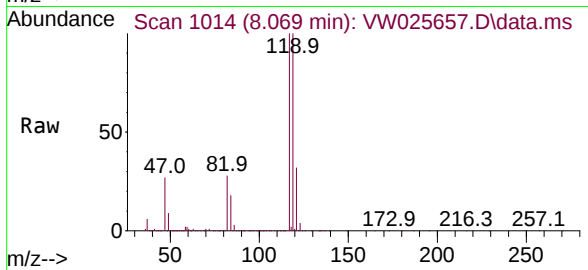
EW906MSD

Tgt Ion:117 Resp: 404944

Ion Ratio Lower Upper

117 100

119 95.3 75.7 113.5



#33

Benzene

Concen: 24.703 ug/L

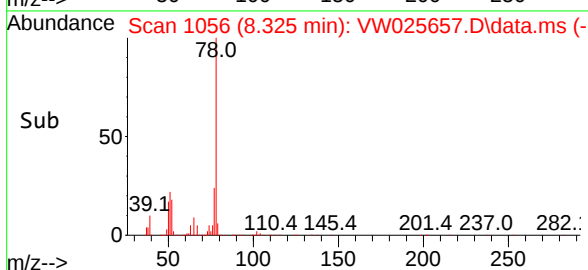
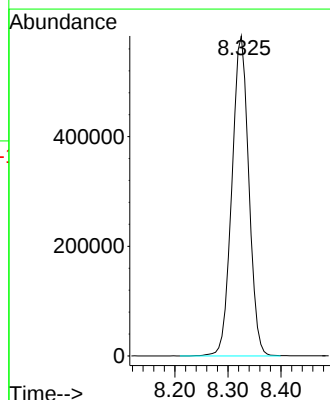
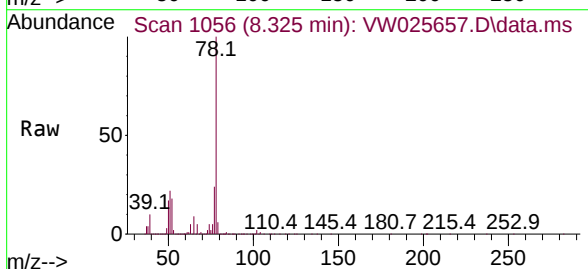
RT: 8.325 min Scan# 1056

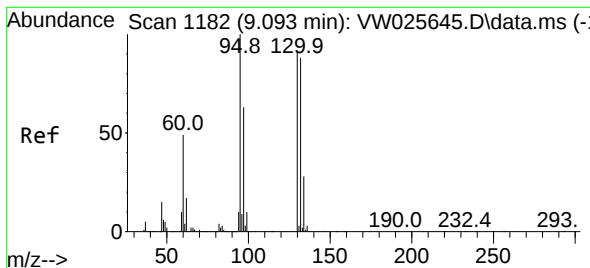
Delta R.T. 0.006 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Tgt Ion: 78 Resp: 1290168





#34

Trichloroethene

Concen: 23.387 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Instrument :

MSVOA_W

ClientSampleId :

EW906MSD

Tgt Ion: 95 Resp: 317709

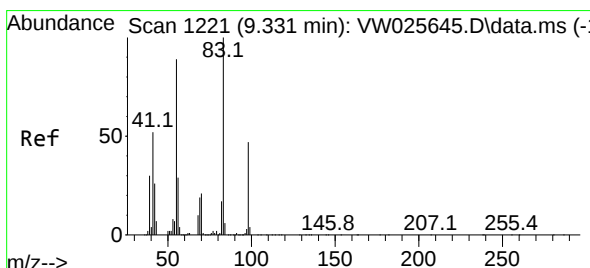
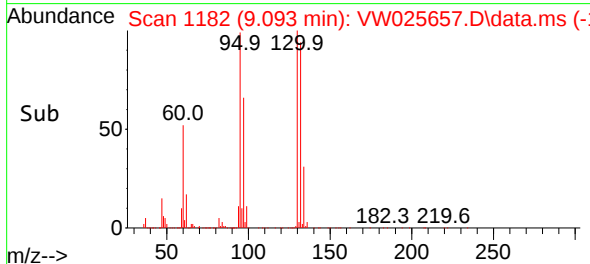
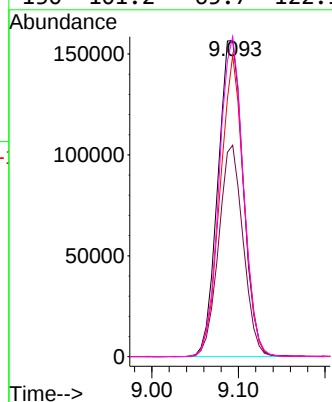
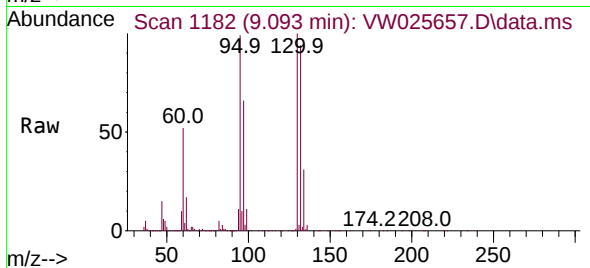
Ion Ratio Lower Upper

95 100

97 66.9 42.5 78.9

132 95.4 59.8 111.1

130 101.2 65.7 122.1



#35

Methylcyclohexane

Concen: 17.875 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

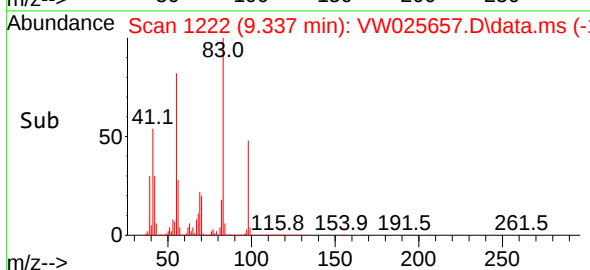
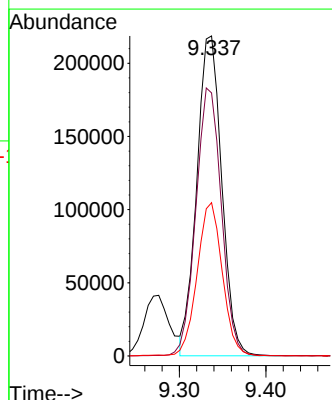
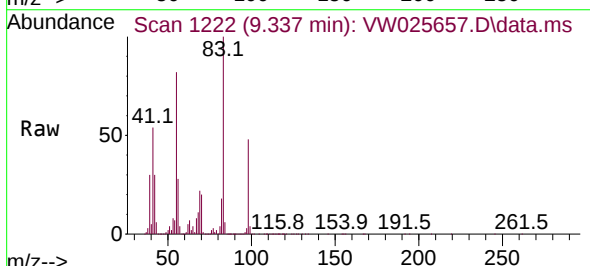
Tgt Ion: 83 Resp: 438473

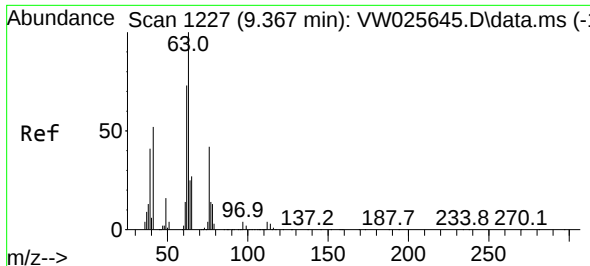
Ion Ratio Lower Upper

83 100

55 85.5 68.7 103.1

98 48.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 26.109 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Instrument :

MSVOA_W

ClientSampleId :

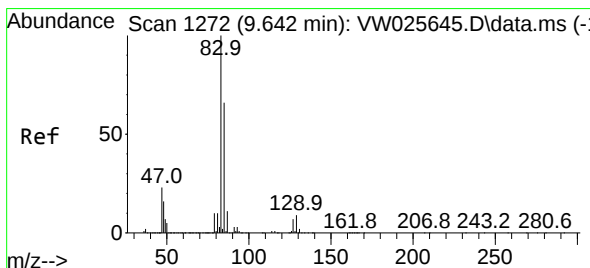
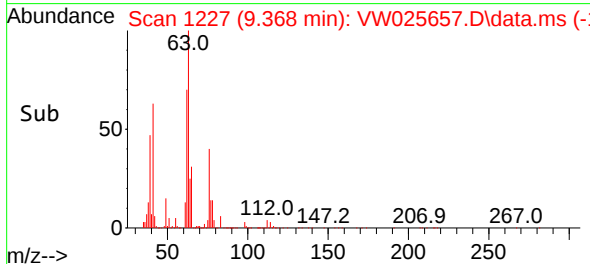
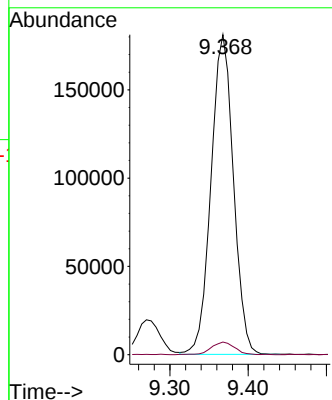
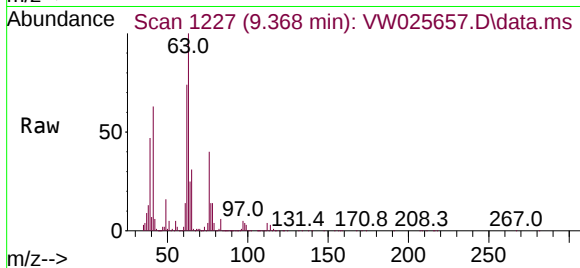
EW906MSD

Tgt Ion: 63 Resp: 360120

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 26.351 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

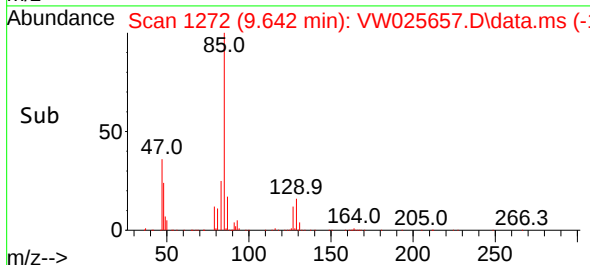
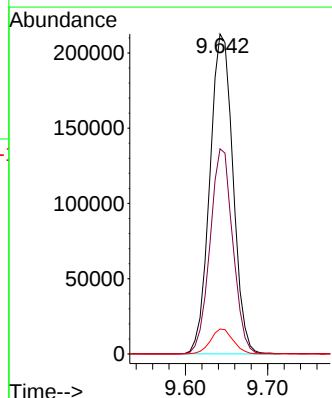
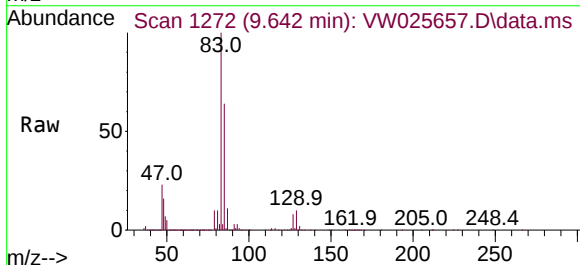
Tgt Ion: 83 Resp: 415858

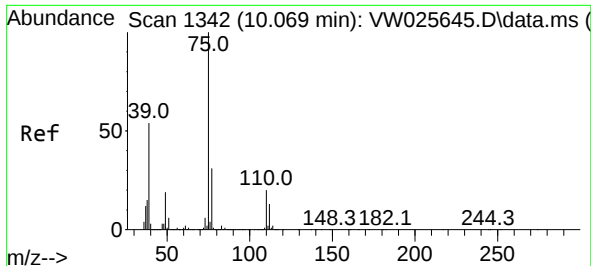
Ion Ratio Lower Upper

83 100

85 64.1 43.5 80.7

127 7.8 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 24.548 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Instrument :

MSVOA_W

ClientSampleId :

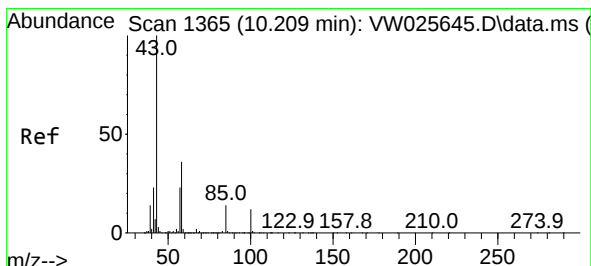
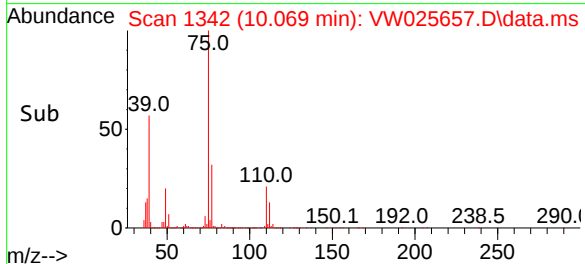
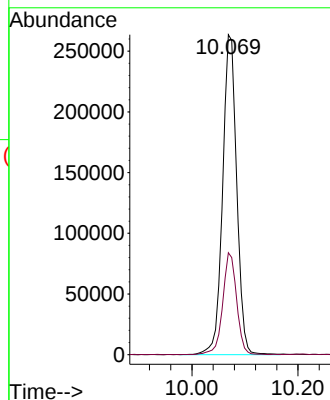
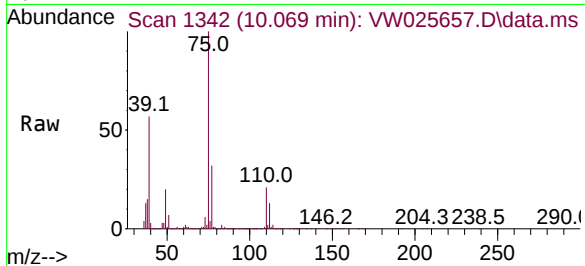
EW906MSD

Tgt Ion: 75 Resp: 485684

Ion Ratio Lower Upper

75 100

77 31.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 61.185 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

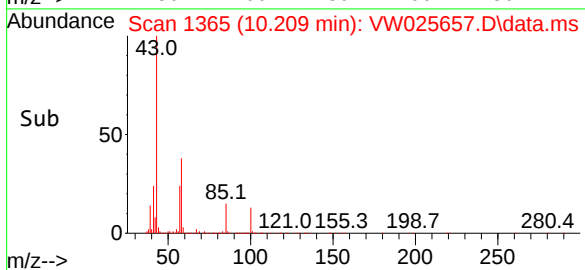
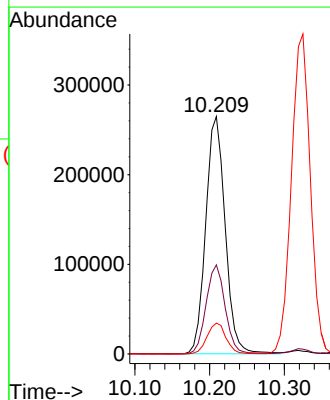
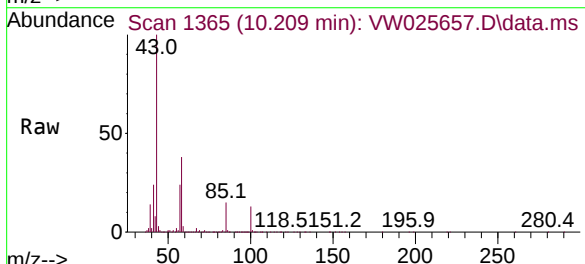
Tgt Ion: 43 Resp: 477689

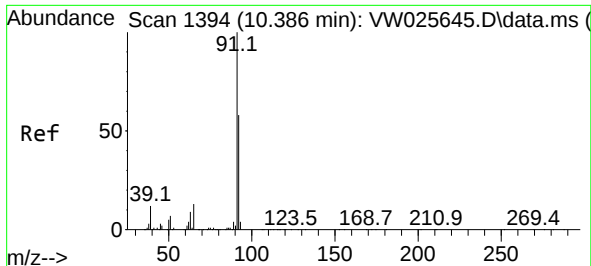
Ion Ratio Lower Upper

43 100

58 36.8 29.2 43.8

100 12.8 10.2 15.4





#42

Toluene

Concen: 24.373 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Instrument :

MSVOA_W

ClientSampleId :

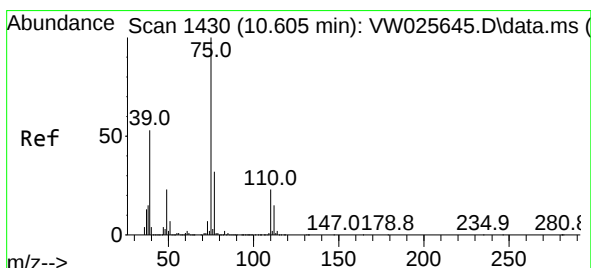
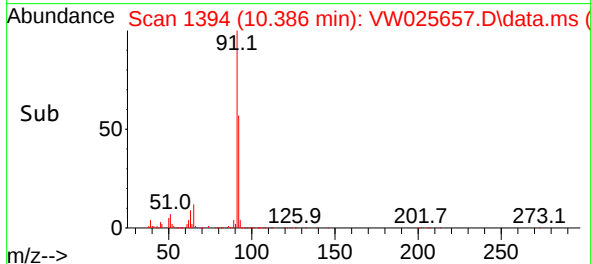
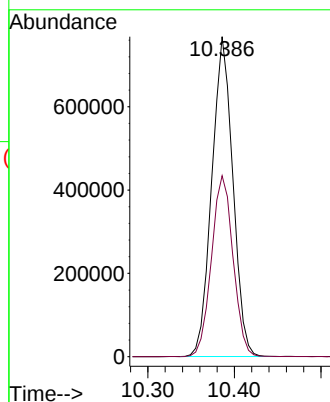
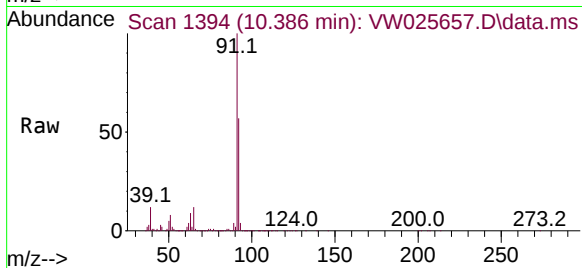
EW906MSD

Tgt Ion: 91 Resp: 1296202

Ion Ratio Lower Upper

91 100

92 56.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 25.174 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW025657.D

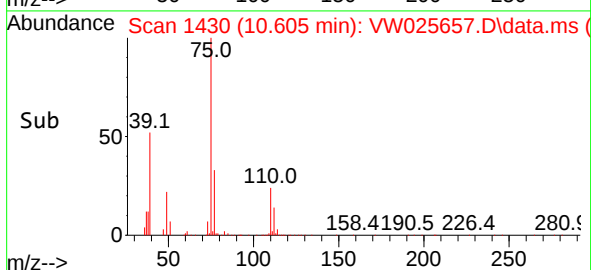
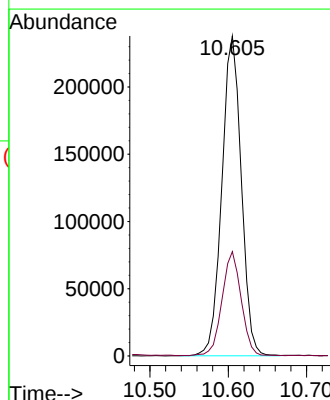
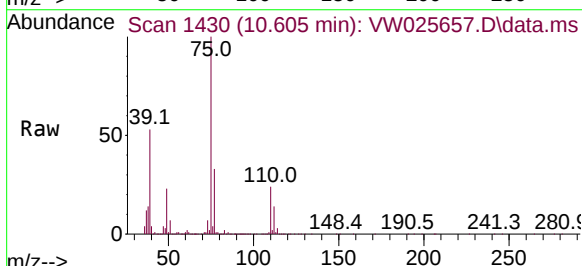
Acq: 24 Apr 2023 14:09

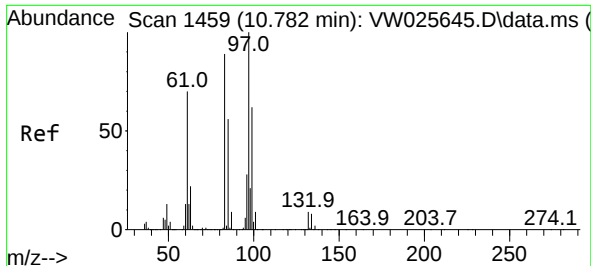
Tgt Ion: 75 Resp: 410708

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 27.281 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Instrument :

MSVOA_W

ClientSampleId :

EW906MSD

Tgt Ion: 97 Resp: 239927

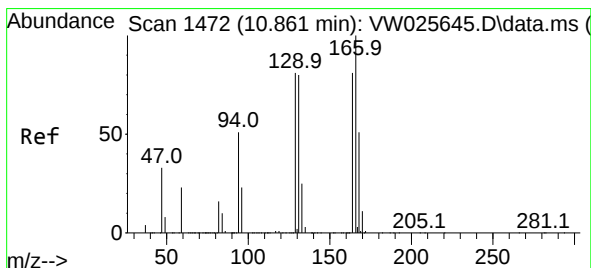
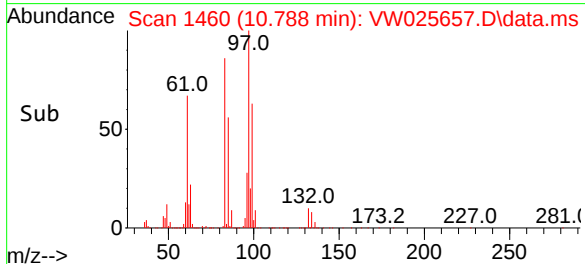
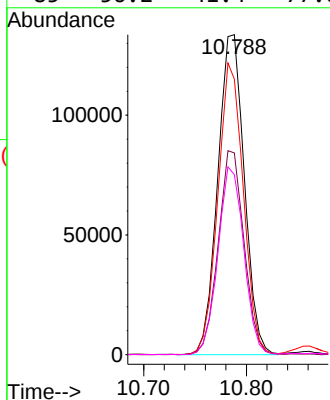
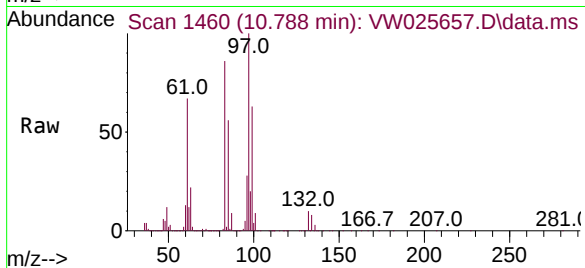
Ion Ratio Lower Upper

97 100

99 63.1 43.8 81.3

83 86.1 61.8 114.8

85 56.2 41.4 77.0



#46

Tetrachloroethene

Concen: 21.563 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Tgt Ion:164 Resp: 206023

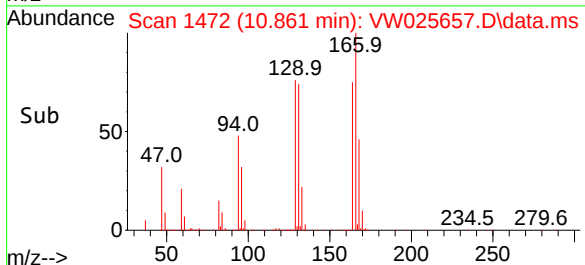
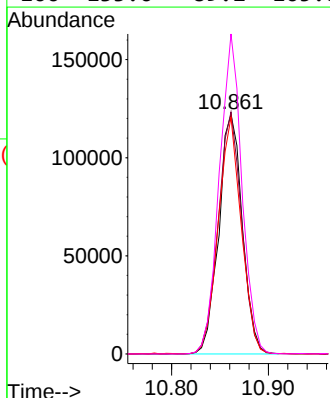
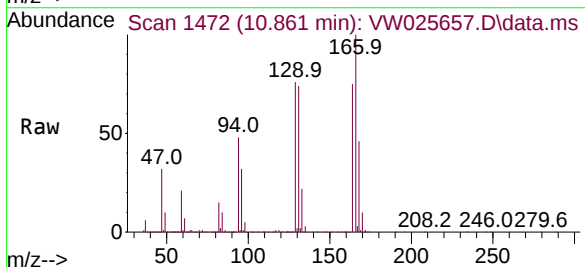
Ion Ratio Lower Upper

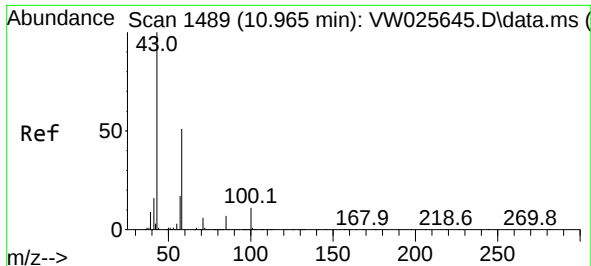
164 100

129 101.0 76.9 142.9

131 98.9 70.5 130.9

166 133.6 89.2 165.8



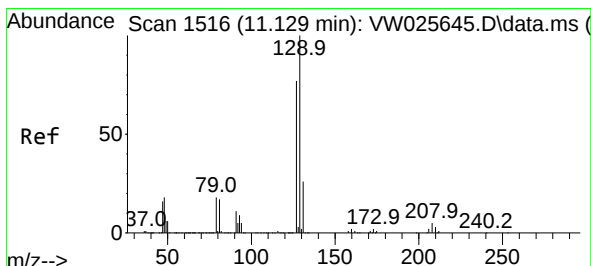
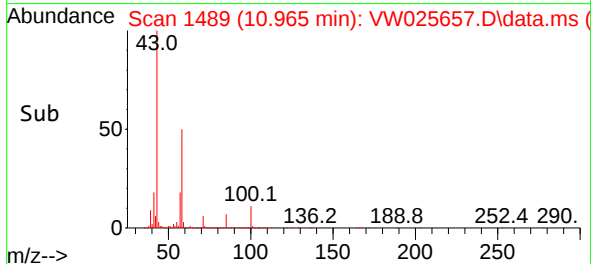
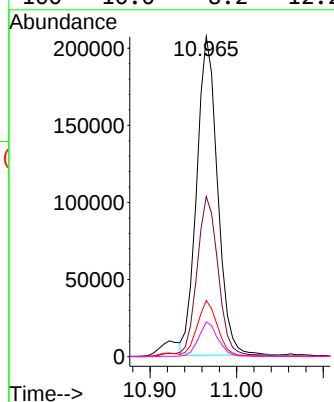
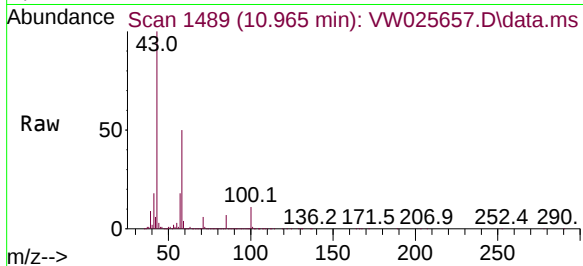


#48
2-Hexanone
Concen: 64.079 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

Tgt Ion: 43 Resp: 345662

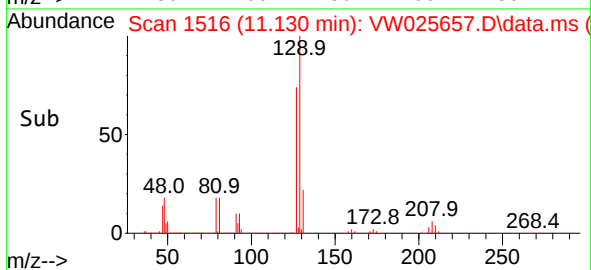
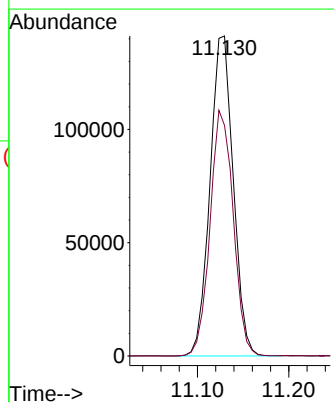
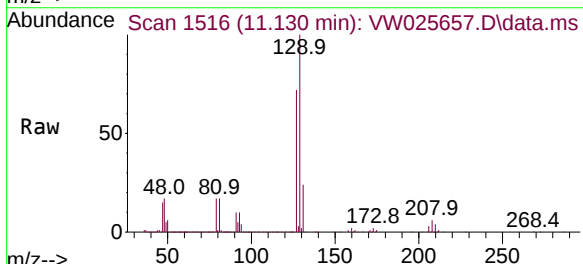
Ion	Ratio	Lower	Upper
43	100		
58	51.2	38.6	57.8
57	17.4	13.9	20.9
100	10.0	8.2	12.2

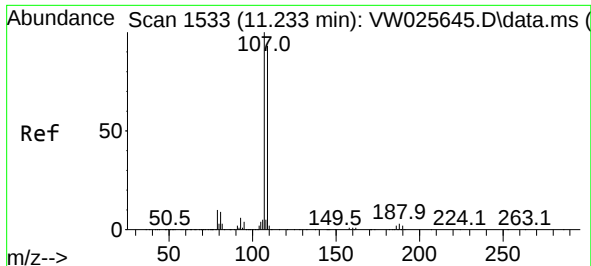


#49
Dibromochloromethane
Concen: 26.931 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion: 129 Resp: 249379

Ion	Ratio	Lower	Upper
129	100		
127	72.0	54.0	100.2

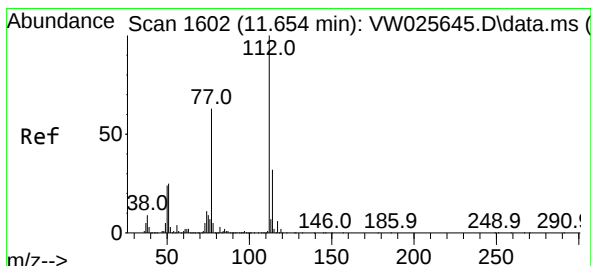
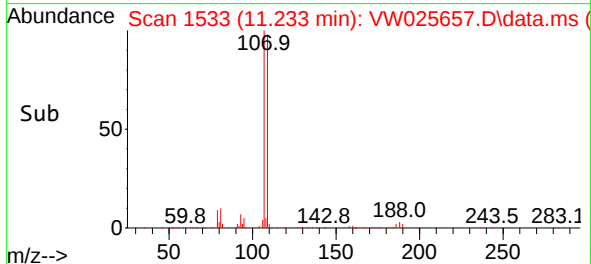
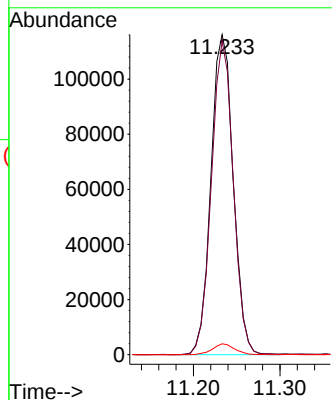
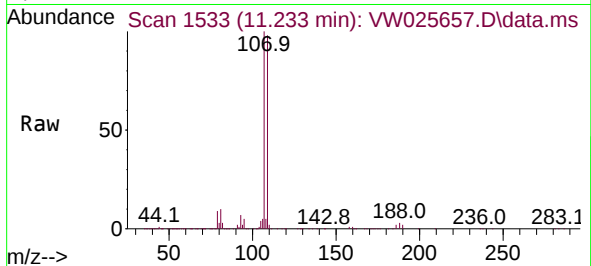




#50
1,2-Dibromoethane
Concen: 25.672 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

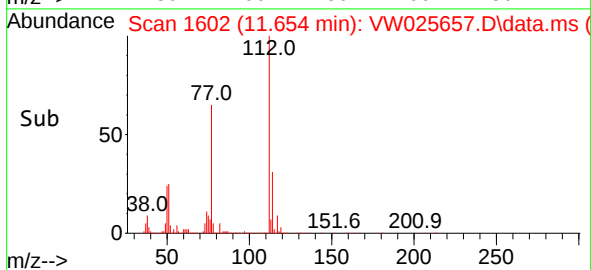
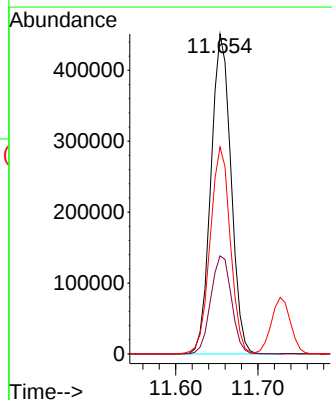
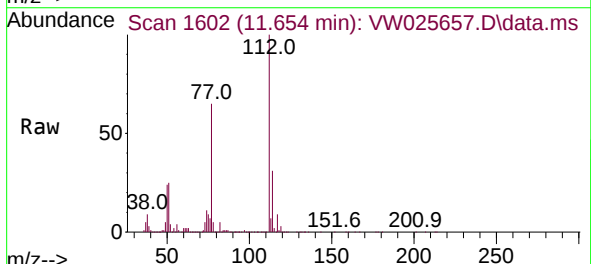
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

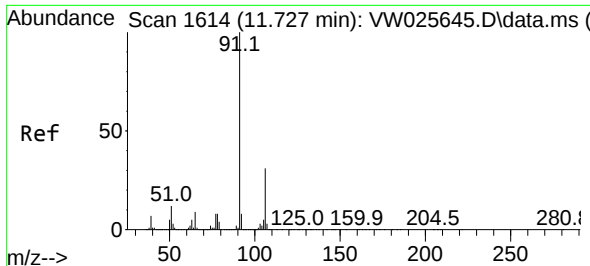
Tgt Ion:107 Resp: 207449
Ion Ratio Lower Upper
107 100
109 98.0 64.1 119.1
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 23.335 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion:112 Resp: 764705
Ion Ratio Lower Upper
112 100
114 30.7 21.6 40.2
77 64.7 50.2 75.2

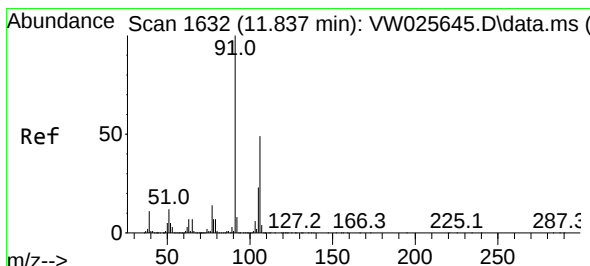
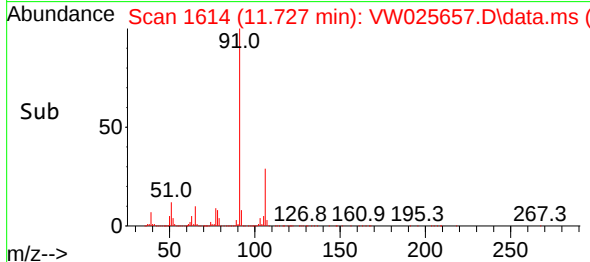
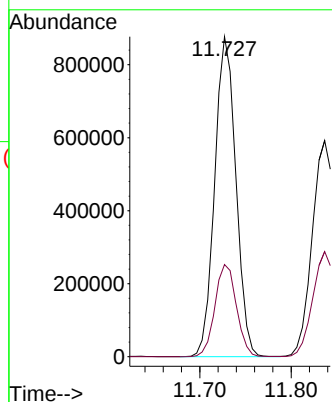
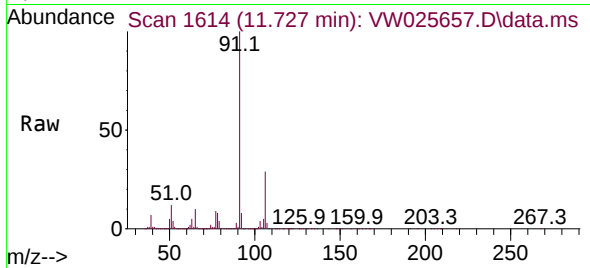




#52
Ethylbenzene
Concen: 23.471 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

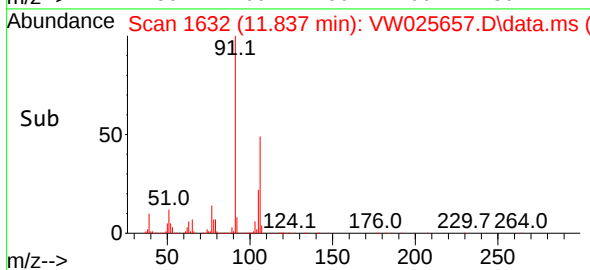
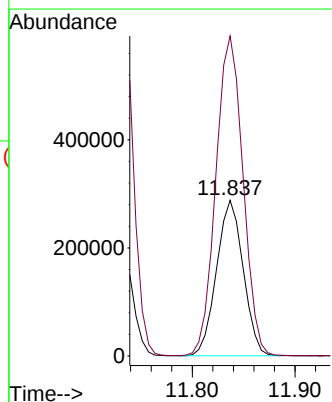
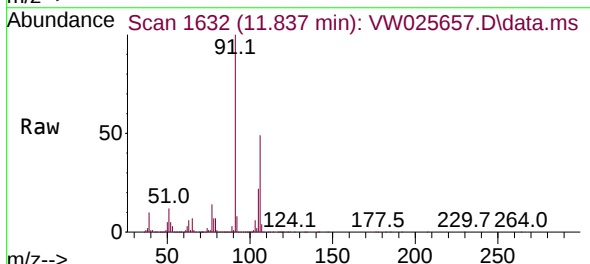
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

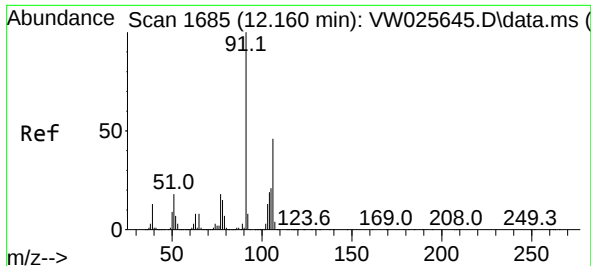
Tgt Ion: 91 Resp: 1412533
Ion Ratio Lower Upper
91 100
106 28.8 20.3 37.7



#53
m,p-Xylene
Concen: 23.468 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion:106 Resp: 517937
Ion Ratio Lower Upper
106 100
91 205.6 148.0 274.8

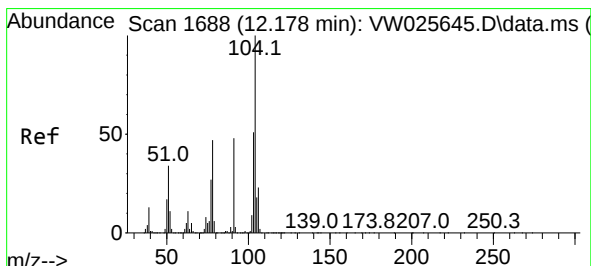
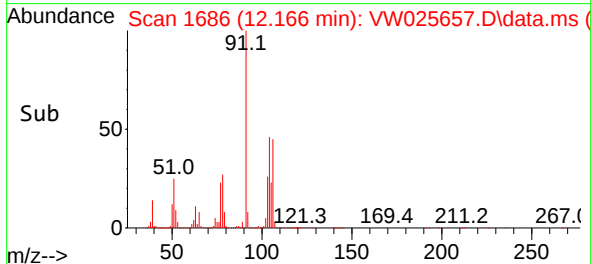
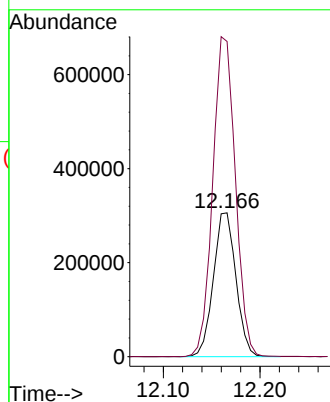
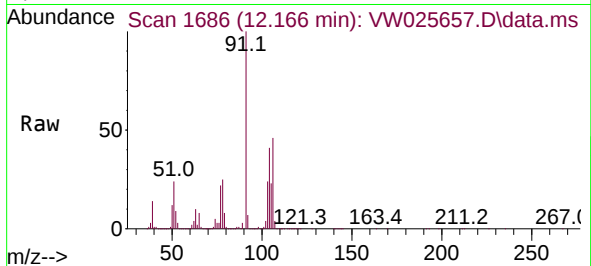




#54
o-Xylene
Concen: 23.957 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

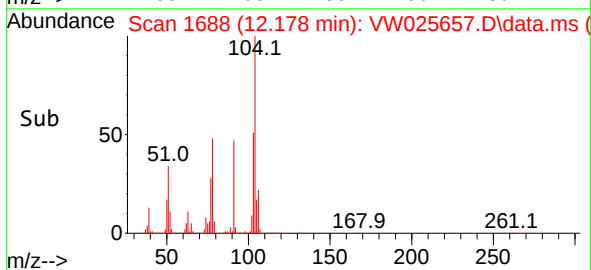
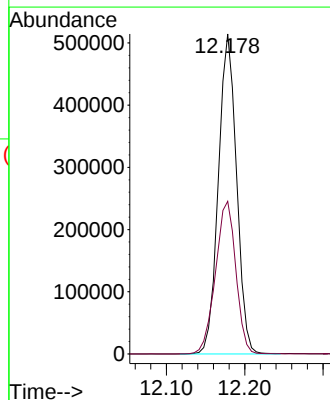
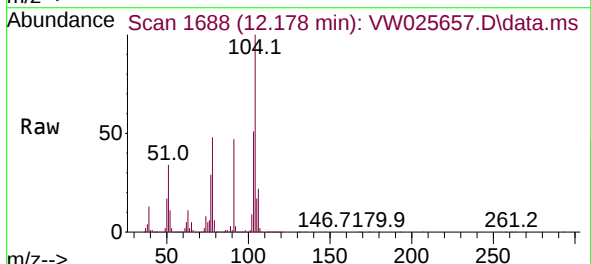
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

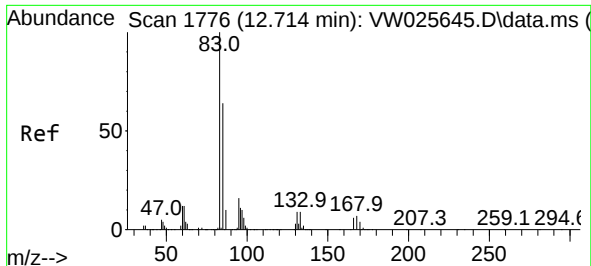
Tgt Ion:106 Resp: 494624
Ion Ratio Lower Upper
106 100
91 219.3 158.2 293.8



#55
Styrene
Concen: 23.902 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion:104 Resp: 830632
Ion Ratio Lower Upper
104 100
78 47.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.839 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Instrument :

MSVOA_W

ClientSampleId :

EW906MSD

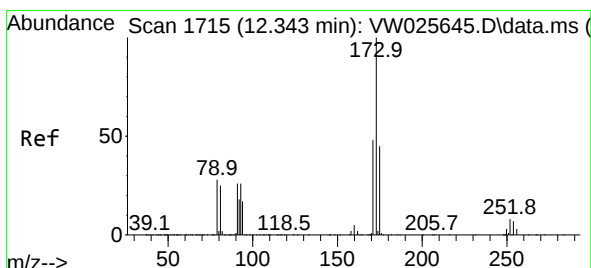
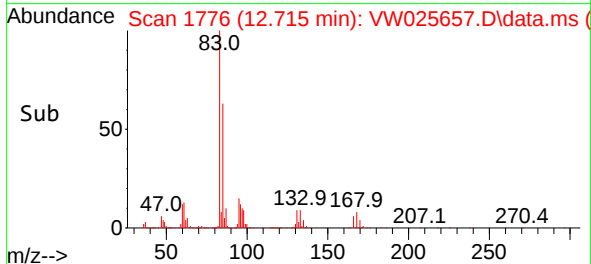
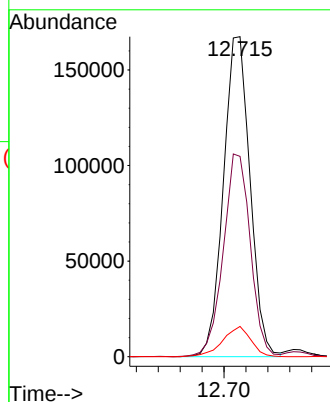
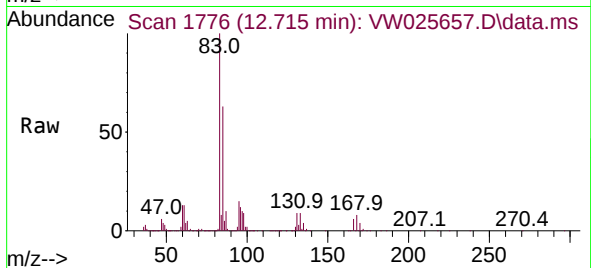
Tgt Ion: 83 Resp: 282740

Ion Ratio Lower Upper

83 100

85 62.6 43.5 80.7

131 9.4 7.0 10.4



#59

Bromoform

Concen: 31.666 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

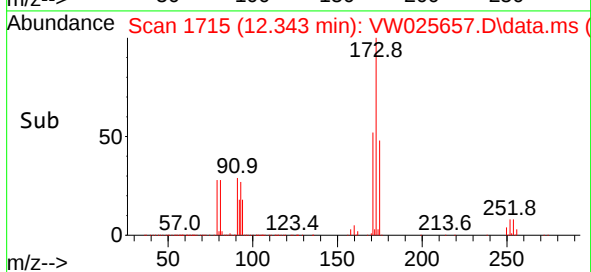
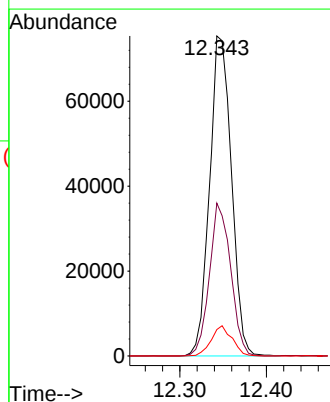
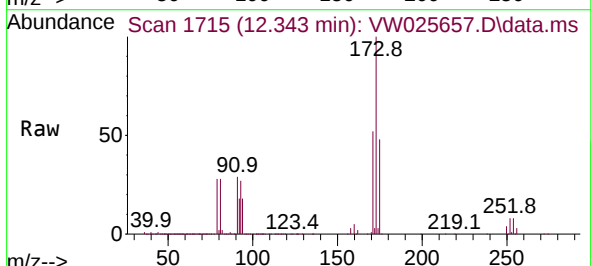
Tgt Ion: 173 Resp: 132372

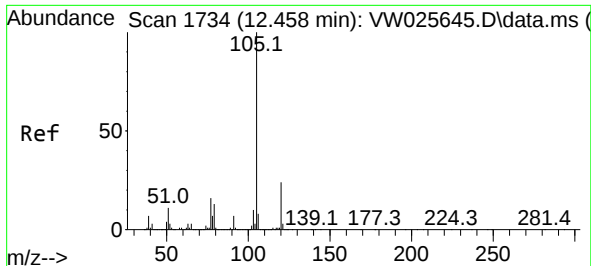
Ion Ratio Lower Upper

173 100

175 46.3 36.1 54.1

254 9.0 7.0 10.6

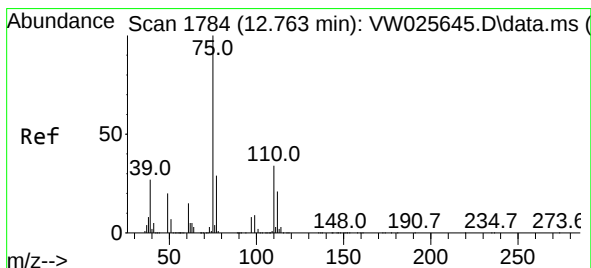
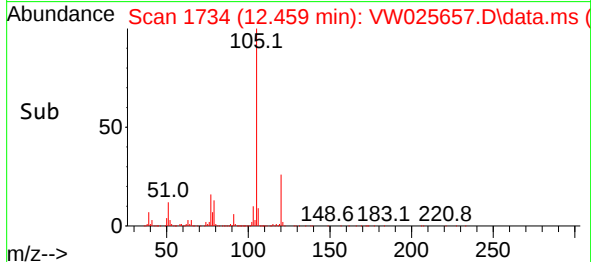
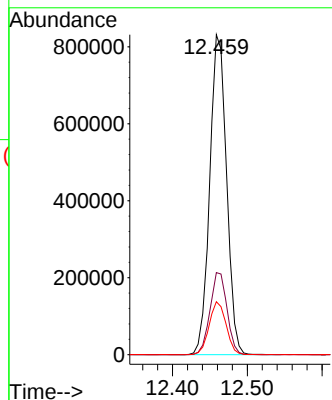
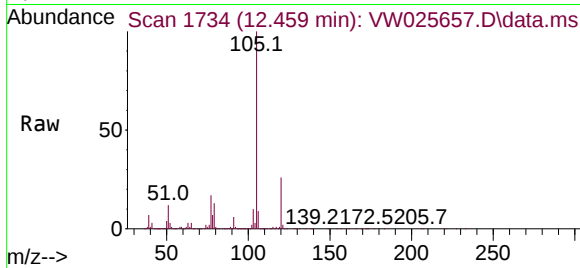




#60
Isopropylbenzene
Concen: 27.203 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

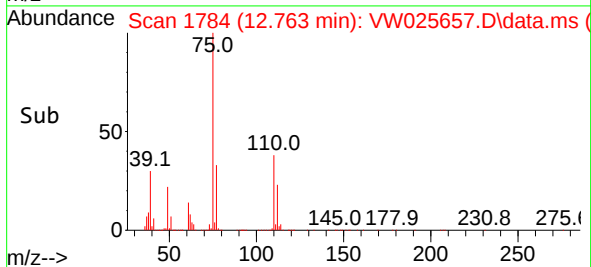
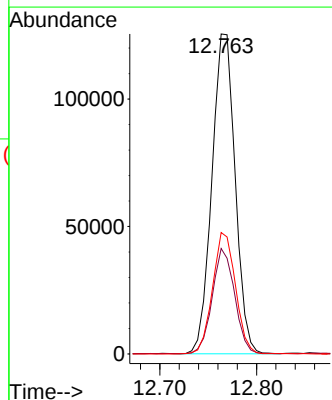
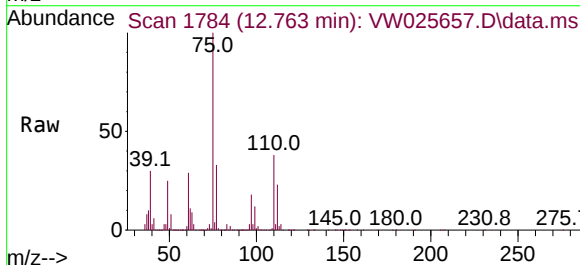
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

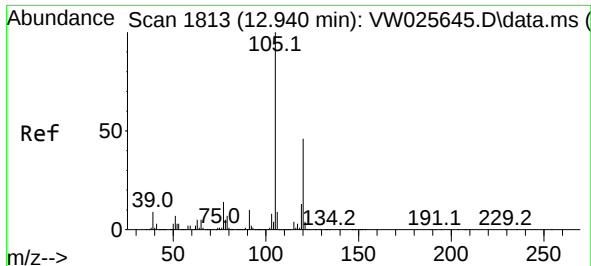
Tgt Ion:105 Resp: 1299916
Ion Ratio Lower Upper
105 100
120 25.9 20.1 30.1
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 33.148 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion: 75 Resp: 209575
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
110 37.4 29.0 43.6

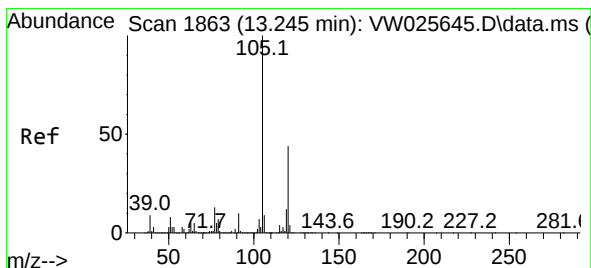
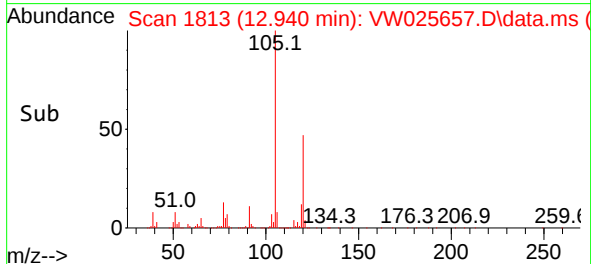
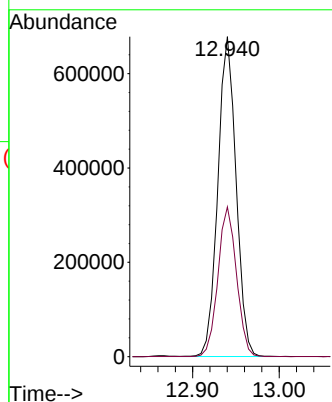
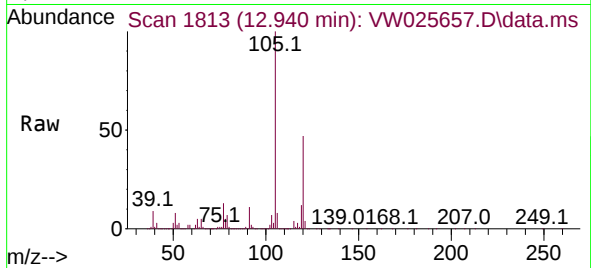




#62
1,3,5-Trimethylbenzene
Concen: 26.304 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

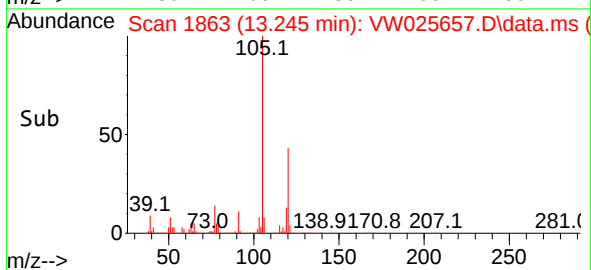
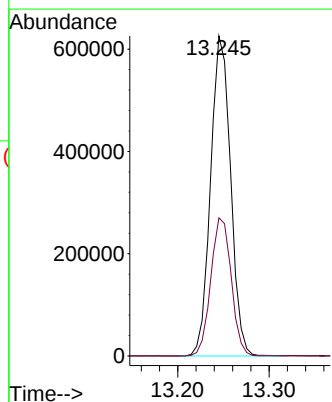
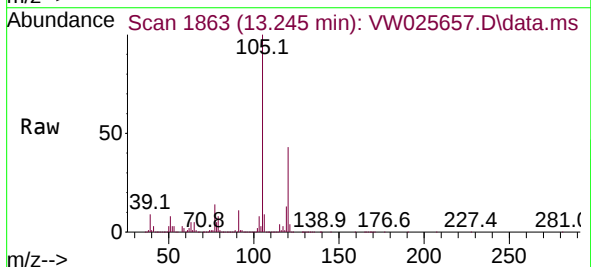
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

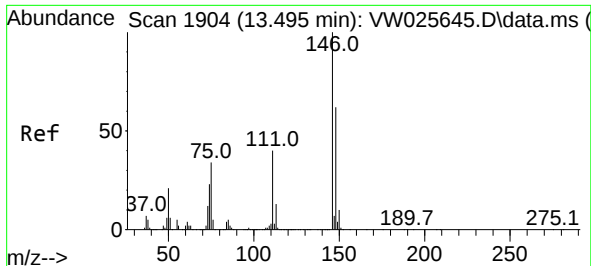
Tgt Ion:105 Resp: 992260
Ion Ratio Lower Upper
105 100
120 47.6 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 26.147 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion:105 Resp: 949758
Ion Ratio Lower Upper
105 100
120 44.0 34.8 52.2

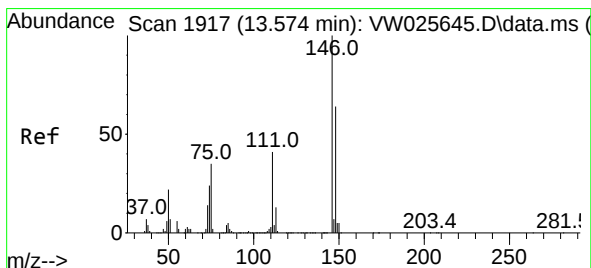
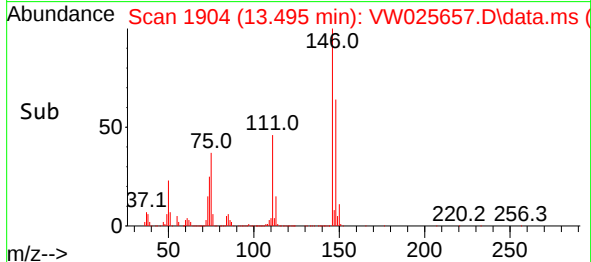
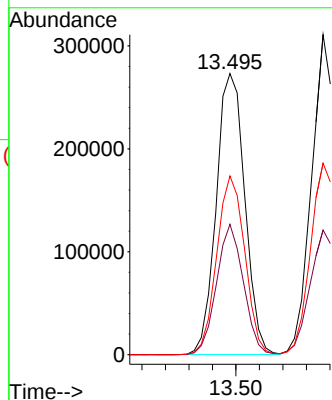
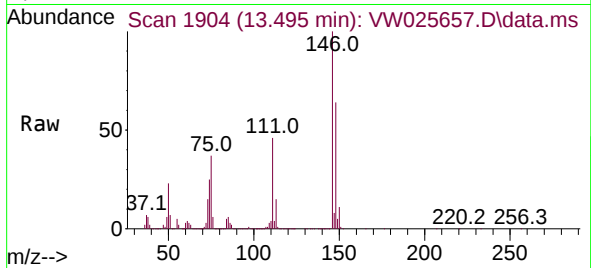




#64
1,3-Dichlorobenzene
Concen: 23.288 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

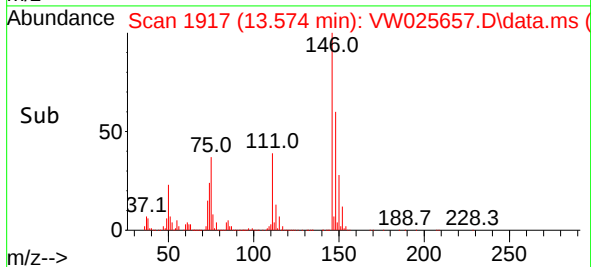
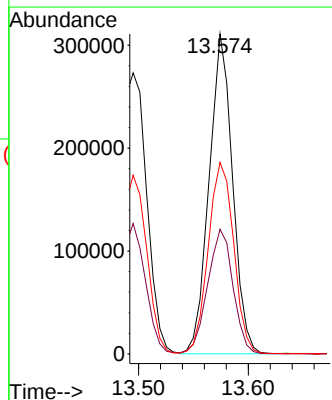
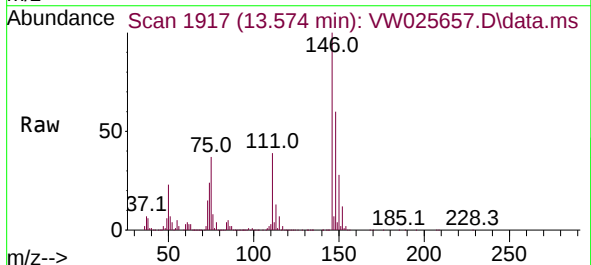
Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

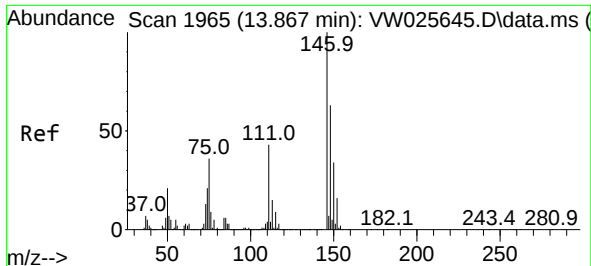
Tgt Ion:146 Resp: 461168
Ion Ratio Lower Upper
146 100
111 46.4 29.7 55.1
148 63.6 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 22.906 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion:146 Resp: 463249
Ion Ratio Lower Upper
146 100
111 39.0 30.4 56.5
148 59.8 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 23.573 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Instrument :

MSVOA_W

ClientSampleId :

EW906MSD

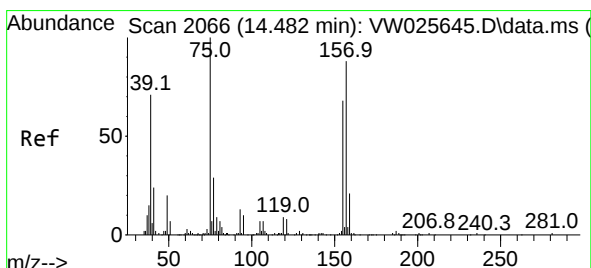
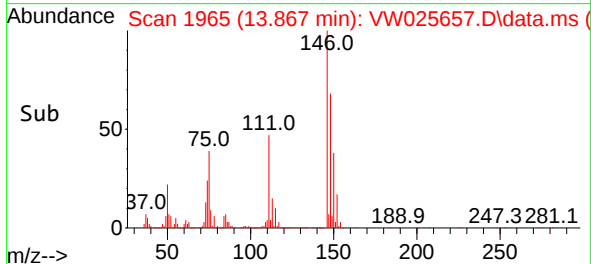
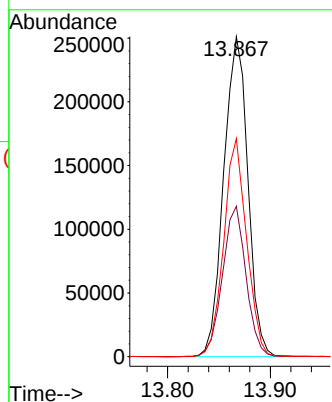
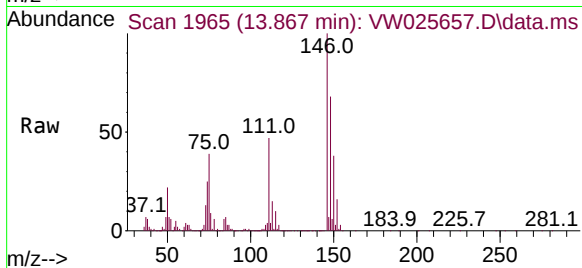
Tgt Ion:146 Resp: 409247

Ion Ratio Lower Upper

146 100

111 47.0 35.3 52.9

148 68.2 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 31.217 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

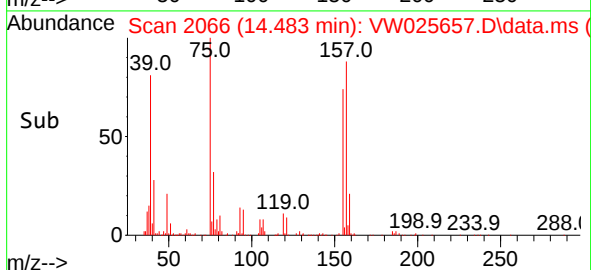
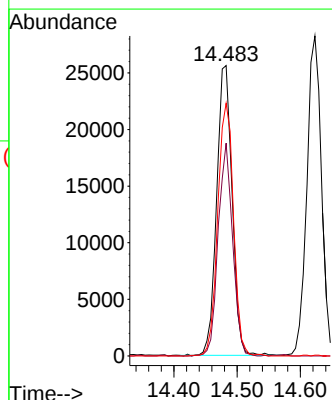
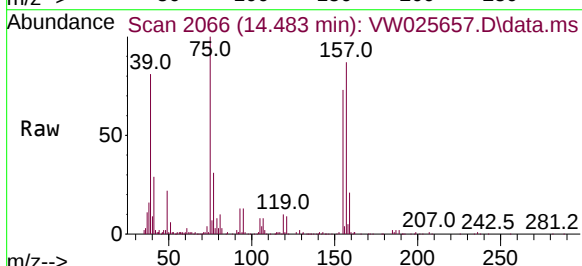
Tgt Ion: 75 Resp: 43296

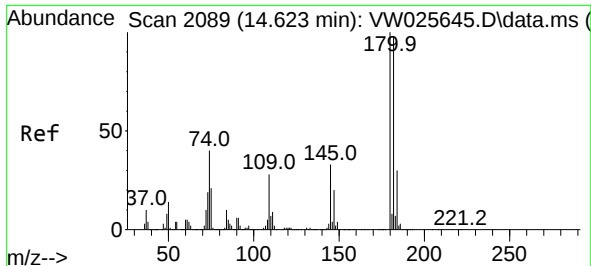
Ion Ratio Lower Upper

75 100

155 73.3 61.1 91.7

157 87.0 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 15.940 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

Instrument :

MSVOA_W

ClientSampleId :

EW906MSD

Tgt Ion:180 Resp: 211337

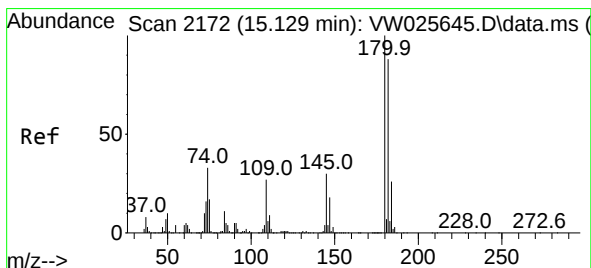
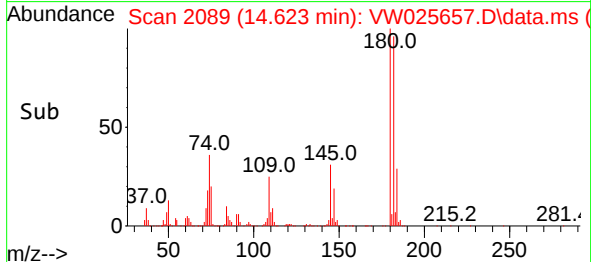
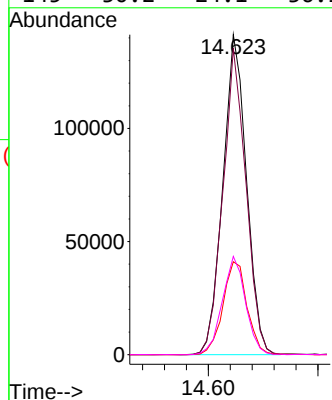
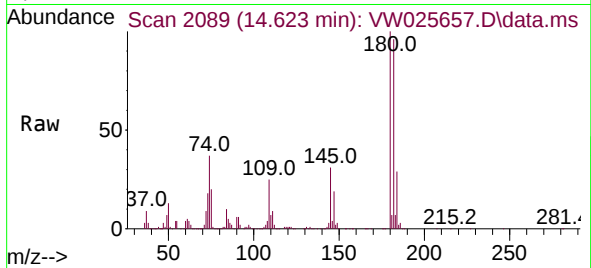
Ion Ratio Lower Upper

180 100

182 93.9 76.4 114.6

184 29.8 24.1 36.1

145 30.2 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 15.070 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025657.D

Acq: 24 Apr 2023 14:09

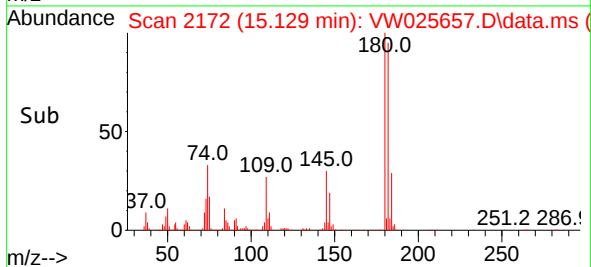
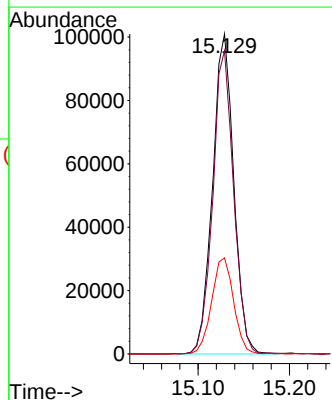
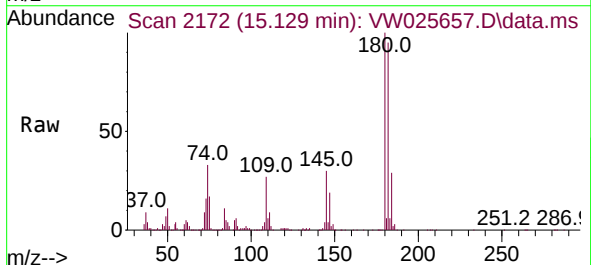
Tgt Ion:180 Resp: 162303

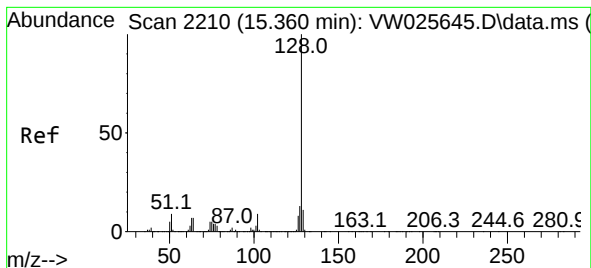
Ion Ratio Lower Upper

180 100

182 93.1 79.5 119.3

145 31.2 27.4 41.0

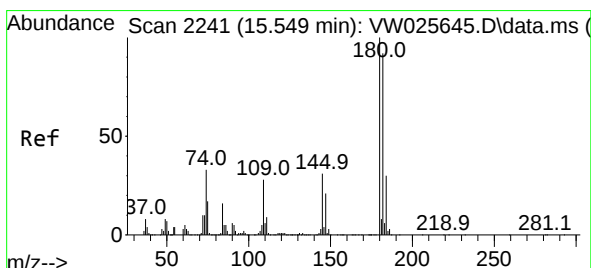
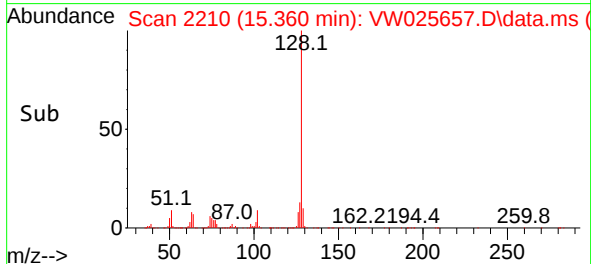
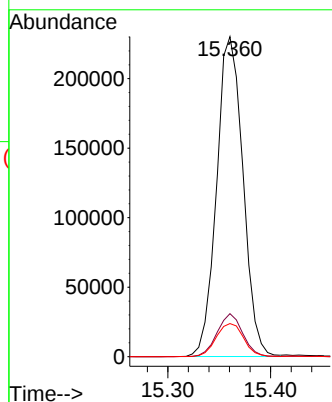
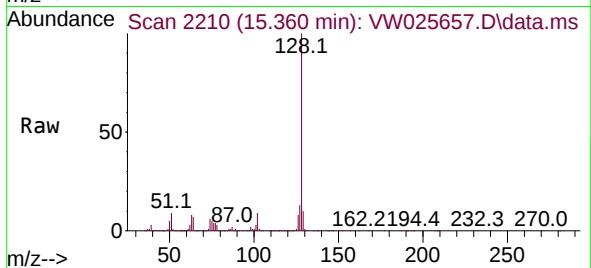




#71
Naphthalene
Concen: 20.391 ug/L
RT: 15.360 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Instrument :
MSVOA_W
ClientSampleId :
EW906MSD

Tgt Ion:128 Resp: 409799
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 13.900 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025657.D
Acq: 24 Apr 2023 14:09

Tgt Ion:180 Resp: 130890
Ion Ratio Lower Upper
180 100
182 93.3 72.9 109.3
145 34.5 27.0 40.6

