

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100322\
 Data File : VW024706.D
 Acq On : 03 Oct 2022 12:23
 Operator : SY/VA
 Sample : MDL 1 PPB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1 PPB

Quant Time: Oct 04 07:50:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	554293	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	491908	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	236974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	142391	24.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
7) Chloroethane-d5	2.885	69	77171	22.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	4.019	63	216254	16.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.440%
21) 2-Butanone-d5	7.080	46	108822	52.192	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.380%
24) Chloroform-d	7.653	84	344424	23.243	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.960%
26) 1,2-Dichloroethane-d4	8.305	65	188759	24.555	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.275	84	731100	23.253	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	9.274	67	229854	23.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.323	98	645212	22.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	10.579	79	84830	19.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.320%
47) 2-Hexanone-d5	10.927	63	81117	49.353	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	176470	25.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	204114	24.478	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.920%
Target Compounds						Qvalue
5) Vinyl chloride	2.361	62	9008	1.322	ug/L #	1
12) 1,1-Dichloroethene	4.044	96	11915	1.643	ug/L #	1
13) Acetone	4.135	43	7980	5.246	ug/L	93
14) Carbon disulfide	4.385	76	23526	1.028	ug/L	95
15) Methyl Acetate	4.684	43	3948	1.172	ug/L #	77
17) trans-1,2-Dichloroethene	5.427	96	8213	1.008	ug/L	87
18) Methyl tert-butyl Ether	5.427	73	13170	1.020	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	15168	0.995	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	8775	1.004	ug/L	85
22) 2-Butanone	7.189	43	6202	2.549	ug/L	98
23) Bromochloromethane	7.519	128	3855	1.085	ug/L	93
25) Chloroform	7.677	83	16327	1.130	ug/L	99
27) 1,2-Dichloroethane	8.403	62	9811	1.079	ug/L	99
29) Cyclohexane	7.951	56	15253	0.996	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	11398	0.958	ug/L	97
31) Carbon tetrachloride	8.067	117	9736	0.966	ug/L	99
33) Benzene	8.329	78	29954	0.870	ug/L	100
34) Trichloroethene	9.091	95	8961	1.027	ug/L	94
35) Methylcyclohexane	9.335	83	15183	0.949	ug/L	92

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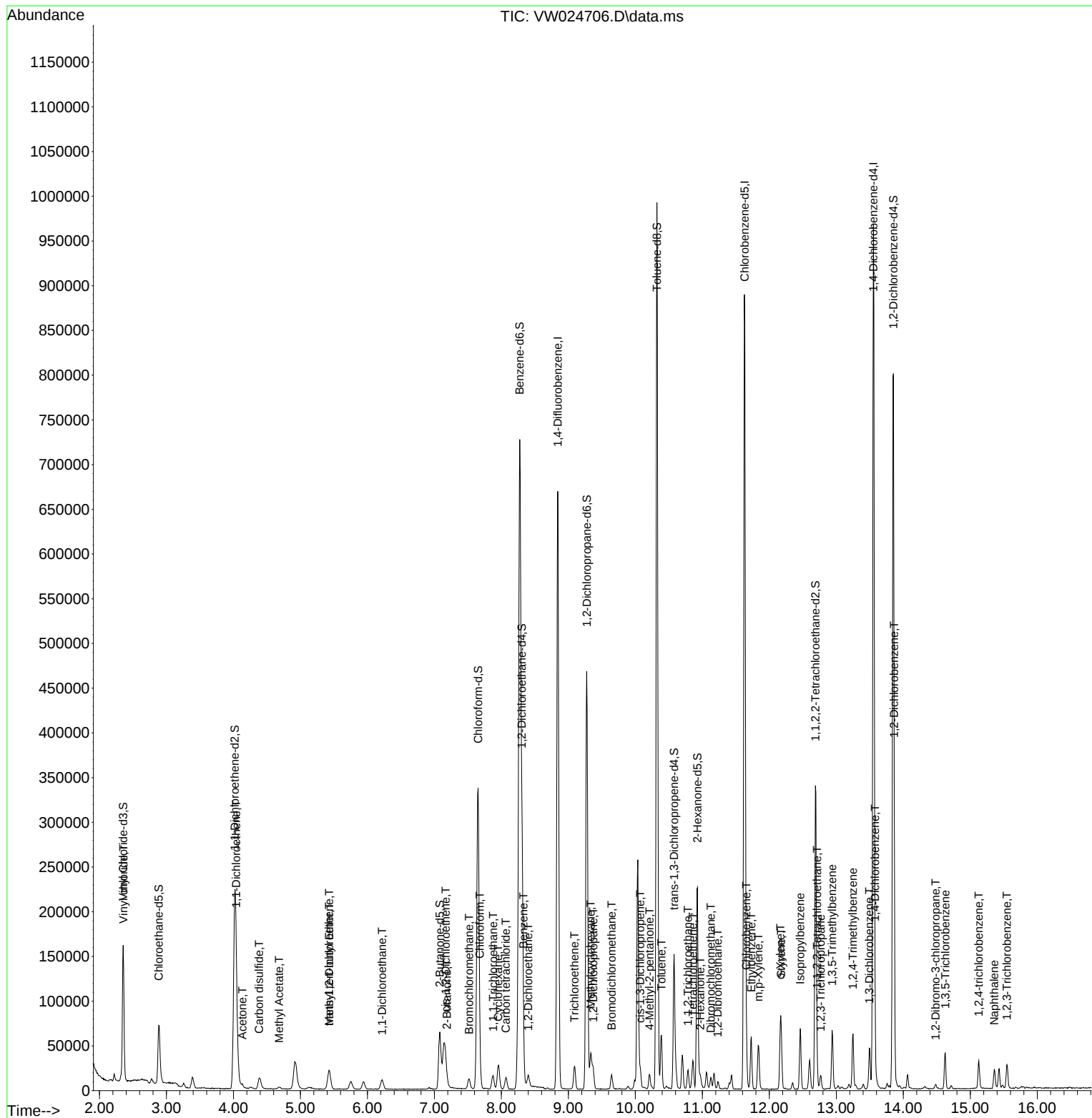
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2-Dichloropropane	9.372	63	9303	1.095	ug/L #	93
38) Bromodichloromethane	9.646	83	10382	0.993	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	11307	0.841	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	11237	2.234	ug/L #	95
42) Toluene	10.390	91	43133	1.213	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	6256	1.078	ug/L	95
46) Tetrachloroethene	10.859	164	6419	1.083	ug/L	95
48) 2-Hexanone	10.969	43	8484	2.494	ug/L	95
49) Dibromochloromethane	11.128	129	6241	0.955	ug/L	96
50) 1,2-Dibromoethane	11.231	107	5798	1.055	ug/L	91
51) Chlorobenzene	11.658	112	22677	1.042	ug/L	94
52) Ethylbenzene	11.731	91	40954	1.046	ug/L	99
53) m,p-Xylene	11.841	106	15782	1.032	ug/L	97
54) o-Xylene	12.164	106	14903	1.032	ug/L	93
55) Styrene	12.176	104	24943	1.025	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	8586	1.263	ug/L #	93
60) Isopropylbenzene	12.463	105	38620	1.000	ug/L #	96
61) 1,2,3-Trichloropropane	12.768	75	6022	1.180	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	33404	0.995	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	33832	1.029	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	16651	1.061	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	17352	1.136	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	15322	1.121	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	1270	1.052	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	11303	1.085	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	8367	0.956	ug/L	95
71) Naphthalene	15.359	128	18384	0.965	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	8163	1.096	ug/L	94

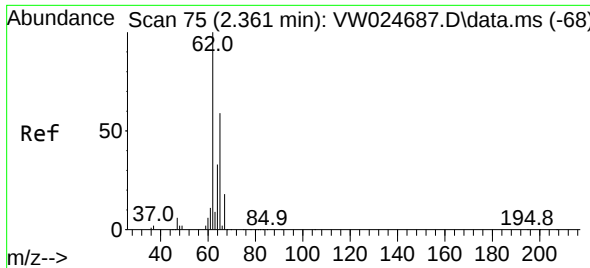
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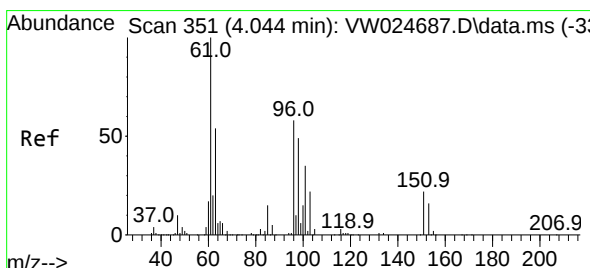
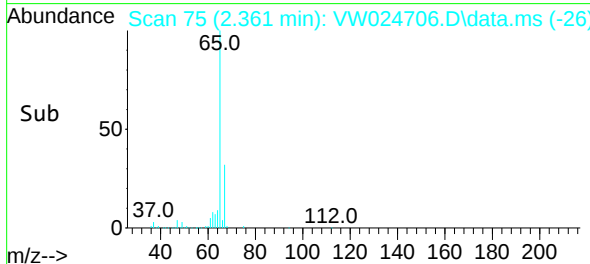
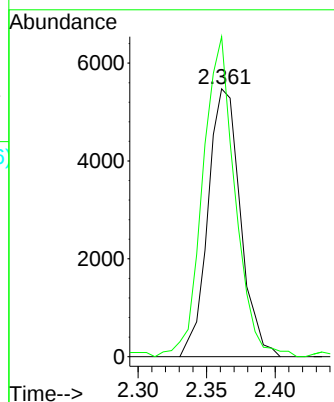
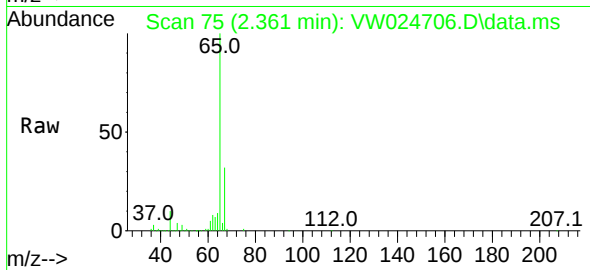




#5
 Vinyl chloride
 Concen: 1.322 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW024706.D
 Acq: 03 Oct 2022 12:23

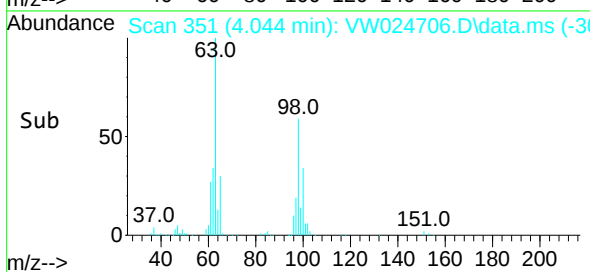
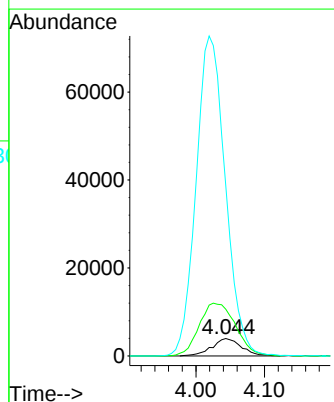
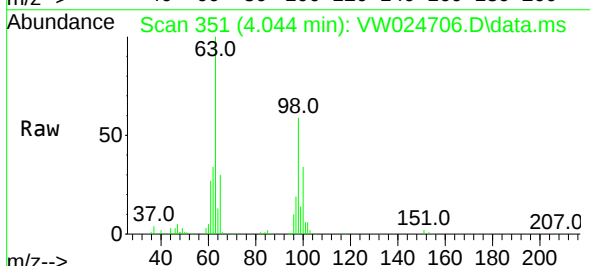
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 ClientSampleId :
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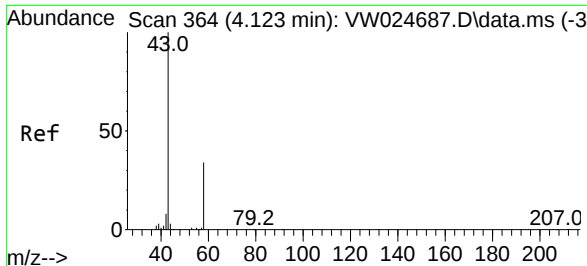
Tgt Ion: 62 Resp: 9008
 Ion Ratio Lower Upper
 62 100
 64 119.5 24.4 45.2#



#12
 1,1-Dichloroethene
 Concen: 1.643 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW024706.D
 Acq: 03 Oct 2022 12:23

Tgt Ion: 96 Resp: 11915
 Ion Ratio Lower Upper
 96 100
 61 268.8 124.5 231.1#
 63 978.3 84.1 156.1#

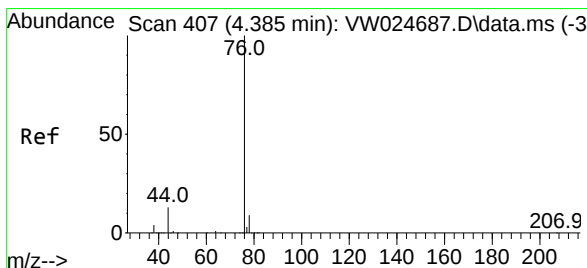
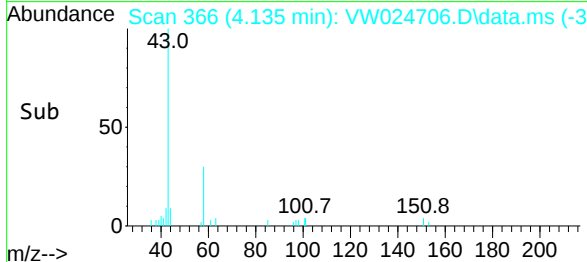
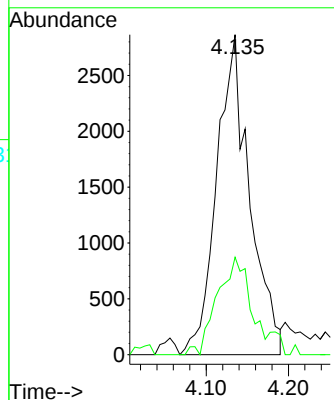
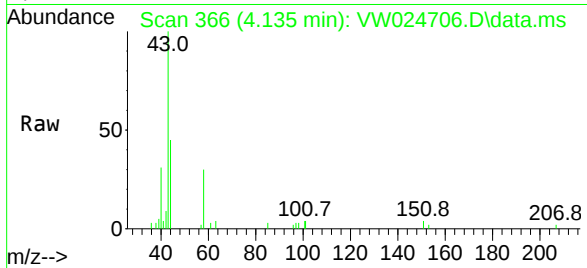




#13
Acetone
Concen: 5.246 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

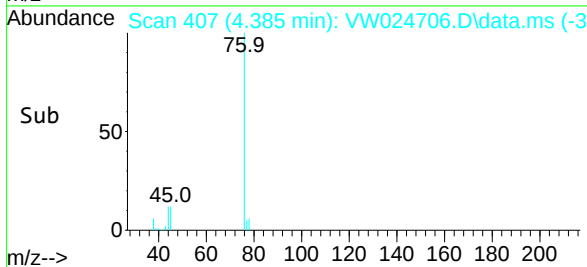
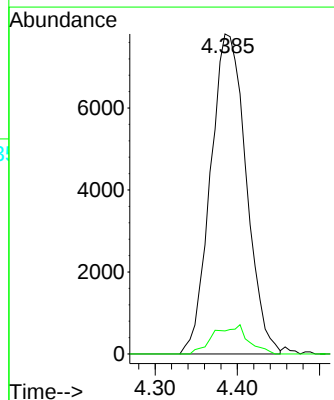
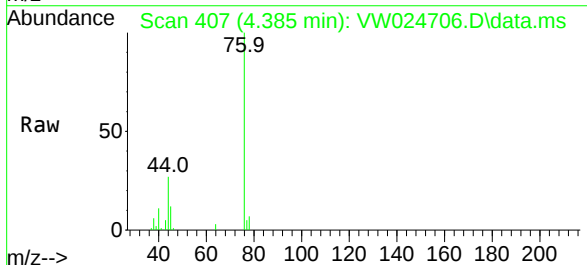
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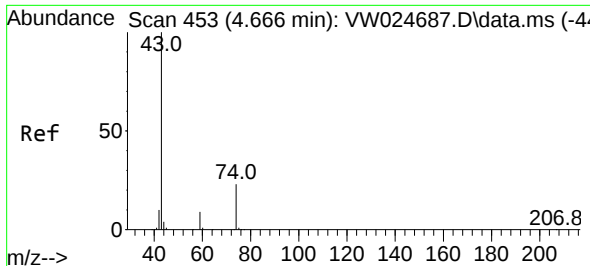
Tgt Ion: 43 Resp: 7980
Ion Ratio Lower Upper
43 100
58 29.7 0.0 67.6



#14
Carbon disulfide
Concen: 1.028 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion: 76 Resp: 23526
Ion Ratio Lower Upper
76 100
78 7.2 7.2 10.8

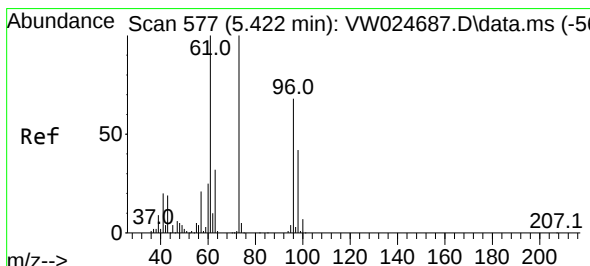
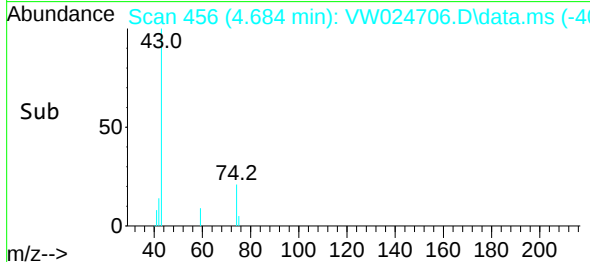
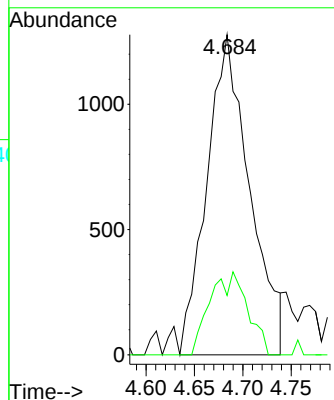
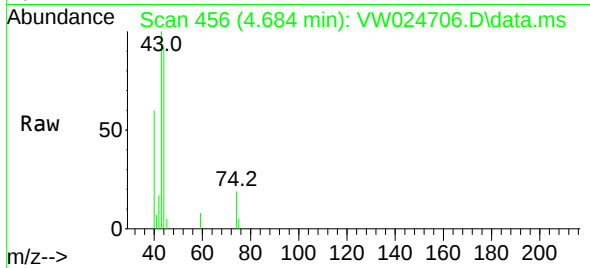




#15
Methyl Acetate
Concen: 1.172 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.018 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

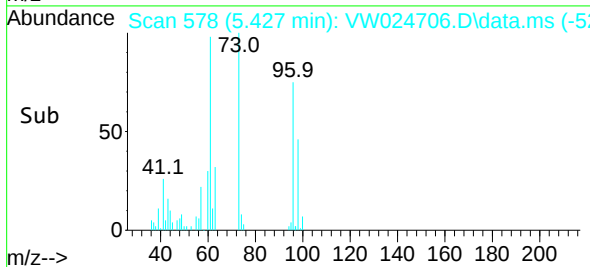
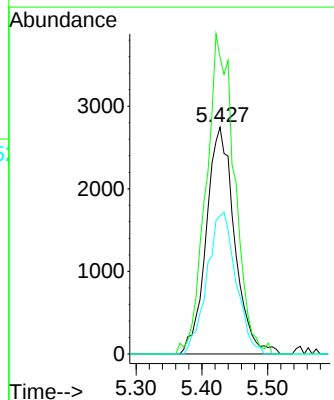
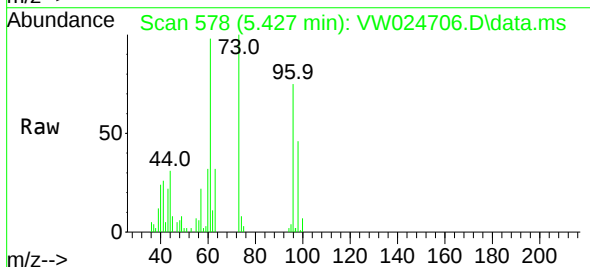
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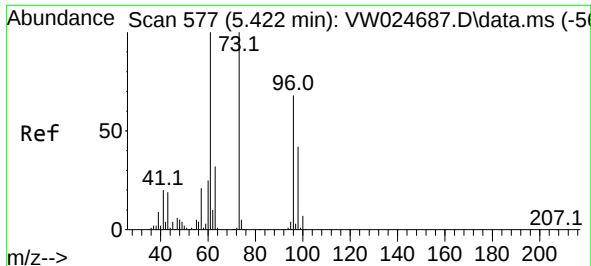
Tgt Ion: 43 Resp: 3948
Ion Ratio Lower Upper
43 100
74 11.8 18.1 27.1#



#17
trans-1,2-Dichloroethene
Concen: 1.008 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

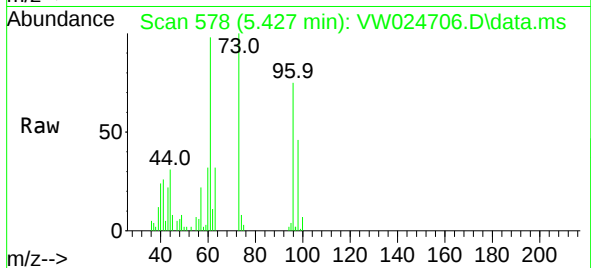
Tgt Ion: 96 Resp: 8213
Ion Ratio Lower Upper
96 100
61 130.7 106.3 197.5
98 60.9 45.1 83.9



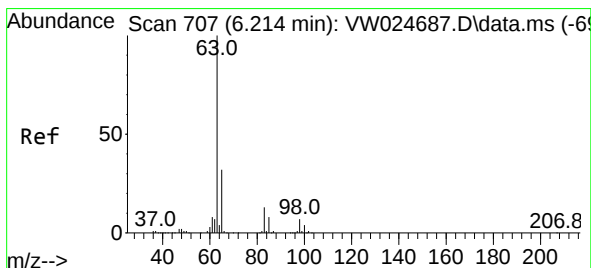
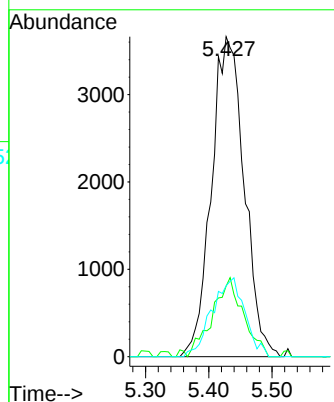
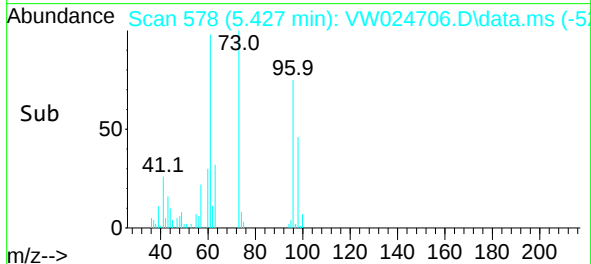


#18
Methyl tert-butyl Ether
Concen: 1.020 ug/L
RT: 5.427 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

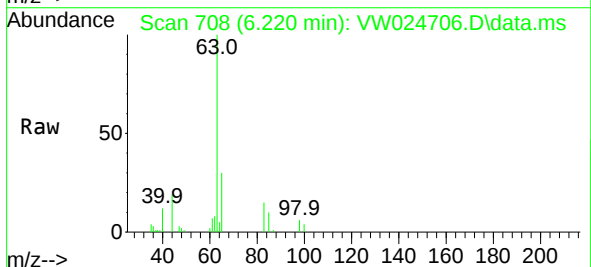
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ClientSampleId :
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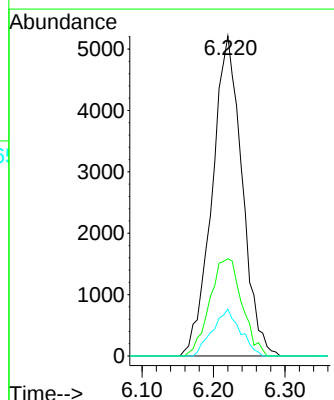
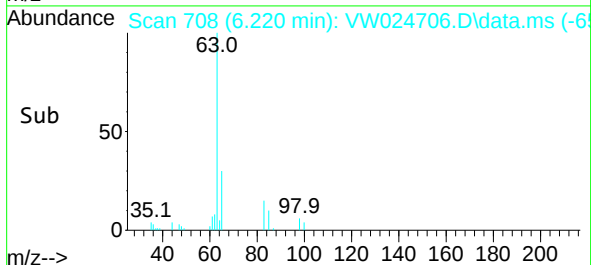
Tgt Ion: 73 Resp: 13170
Ion Ratio Lower Upper
73 100
43 13.8 15.6 23.4#
57 18.2 18.3 27.5#

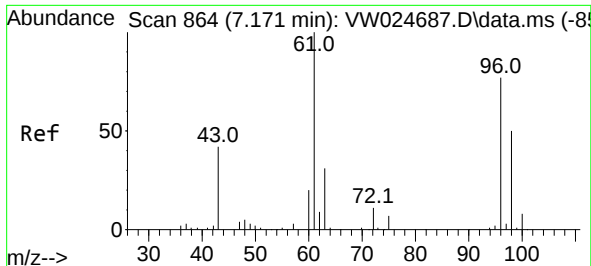


#19
1,1-Dichloroethane
Concen: 0.995 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW024706.D
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Tgt Ion: 63 Resp: 15168
Ion Ratio Lower Upper
63 100
65 30.4 23.7 43.9
83 14.6 9.4 17.6

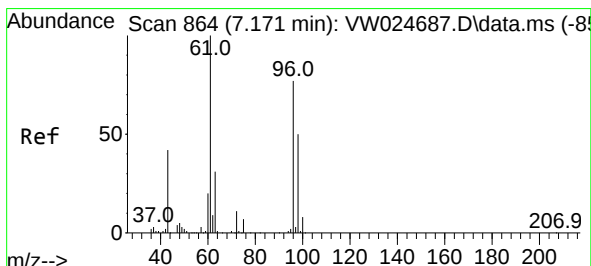
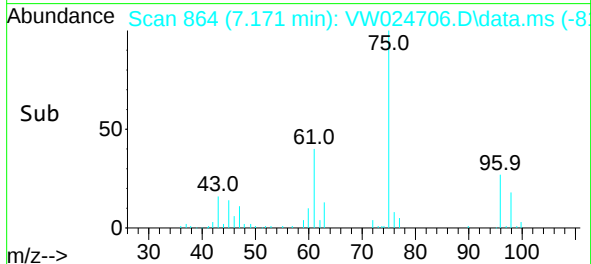
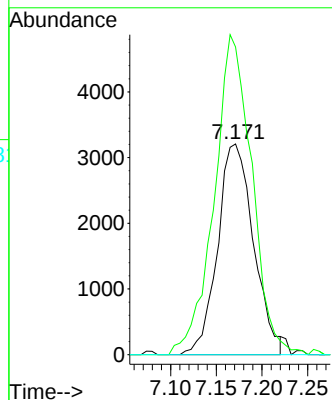
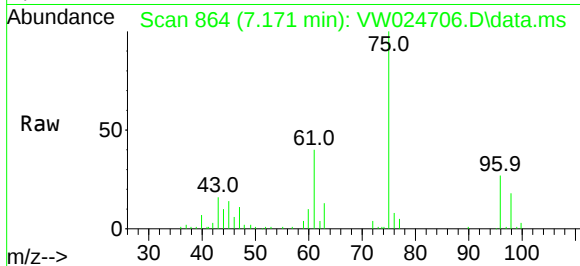




#20
 cis-1,2-Dichloroethene
 Concen: 1.004 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW024706.D
 Acq: 03 Oct 2022 12:23

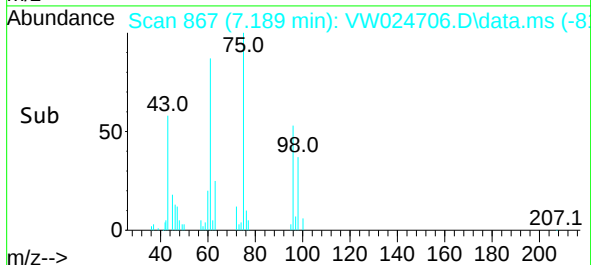
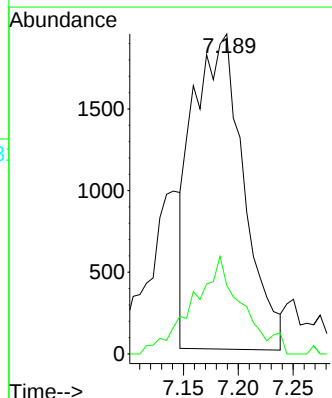
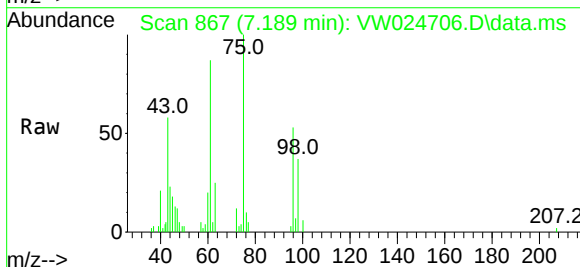
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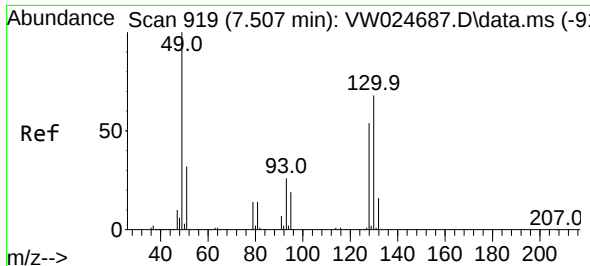
Tgt Ion: 96 Resp: 8775
 Ion Ratio Lower Upper
 96 100
 61 146.0 90.2 167.4
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 2.549 ug/L
 RT: 7.189 min Scan# 867
 Delta R.T. 0.018 min
 Lab File: VW024706.D
 Acq: 03 Oct 2022 12:23

Tgt Ion: 43 Resp: 6202
 Ion Ratio Lower Upper
 43 100
 72 28.7 13.8 41.3

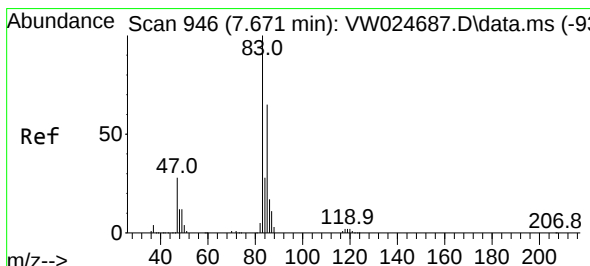
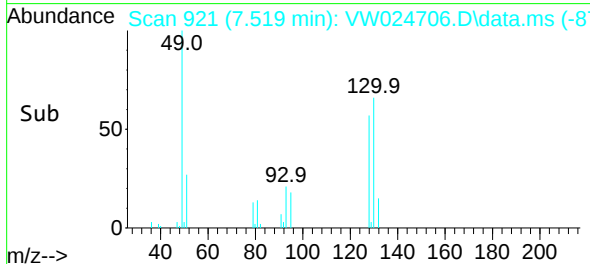
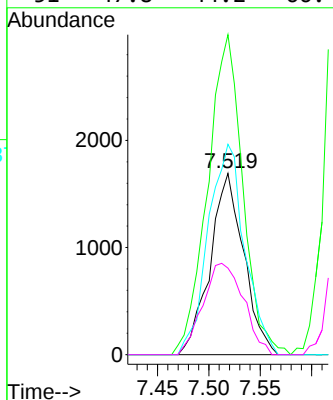
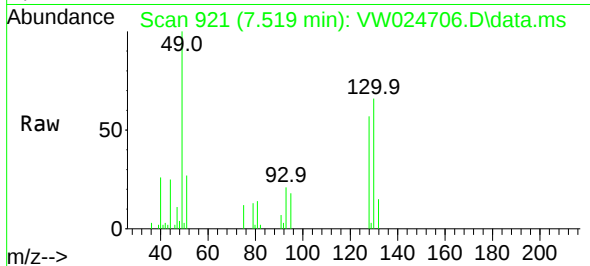




#23
Bromochloromethane
Concen: 1.085 ug/L
RT: 7.519 min Scan# 919
Delta R.T. 0.012 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

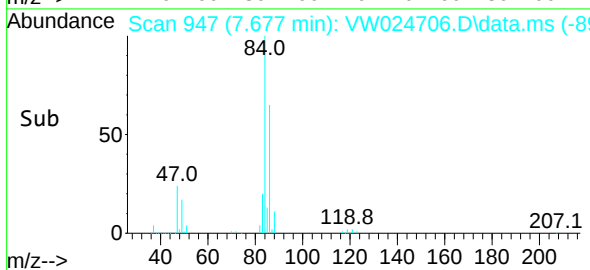
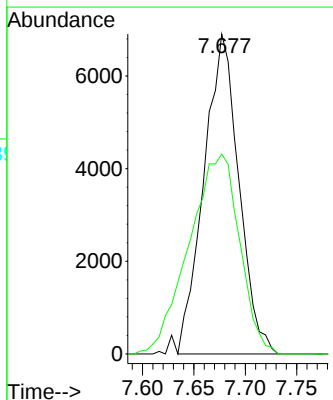
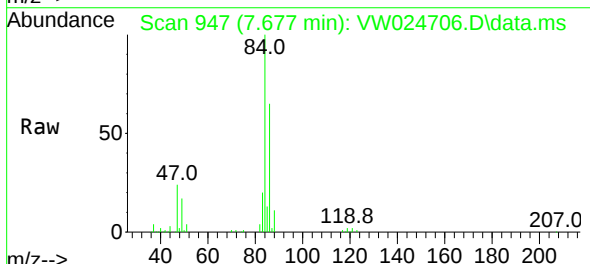
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

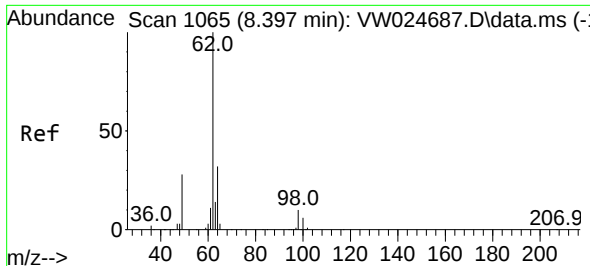
Tgt Ion:	128	Resp:	3855
Ion	Ratio	Lower	Upper
128	100		
49	176.5	127.3	236.3
130	116.1	90.2	167.4
51	47.8	44.2	66.4



#25
Chloroform
Concen: 1.130 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion:	83	Resp:	16327
Ion	Ratio	Lower	Upper
83	100		
85	62.5	44.0	81.8





#27

1,2-Dichloroethane

Concen: 1.079 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

Instrument :

MSVOA_W

ClientSampleId :

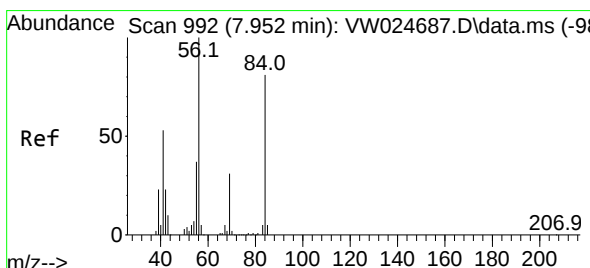
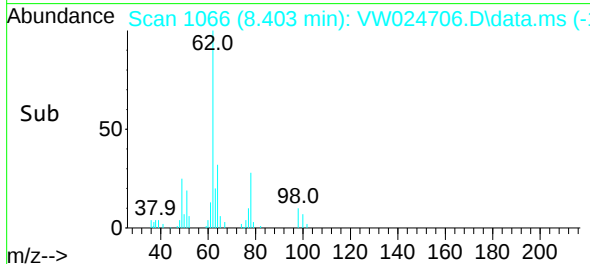
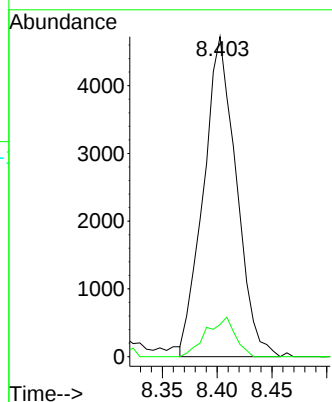
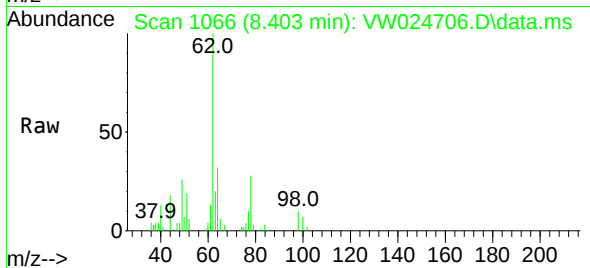
MDL 1 PPB

Tgt Ion: 62 Resp: 9811

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8



#29

Cyclohexane

Concen: 0.996 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

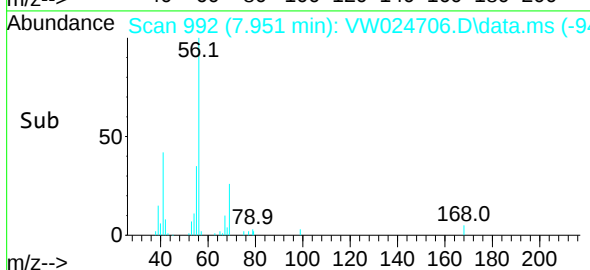
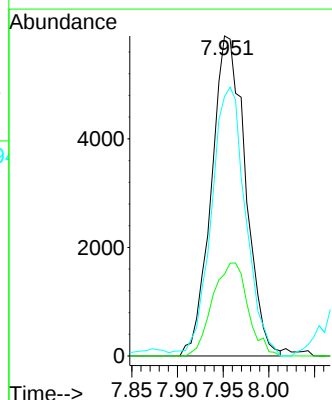
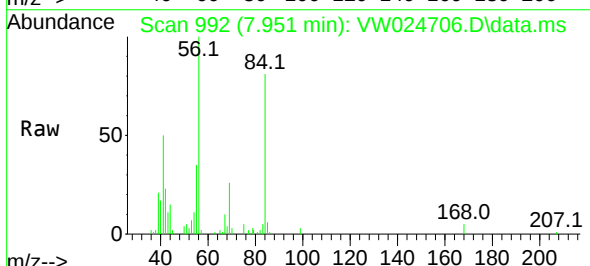
Tgt Ion: 56 Resp: 15253

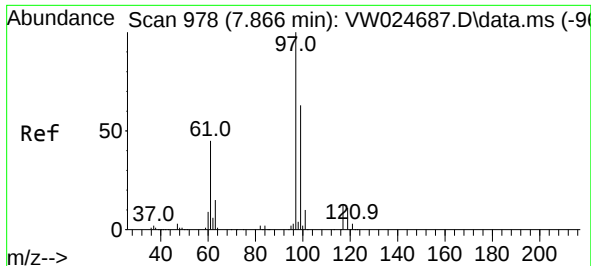
Ion Ratio Lower Upper

56 100

69 30.1 25.0 37.4

84 84.0 68.1 102.1

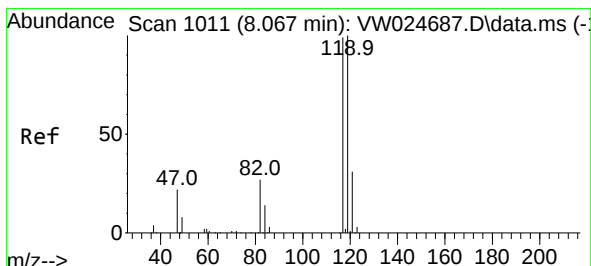
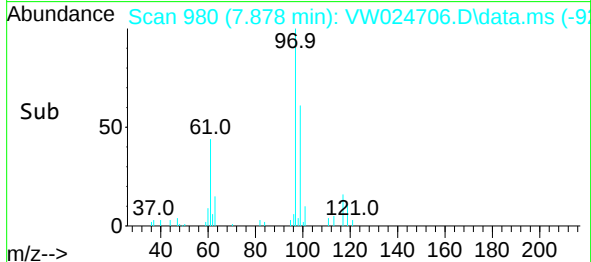
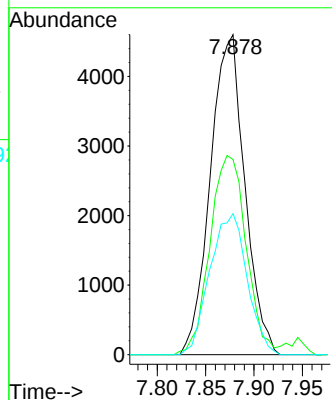
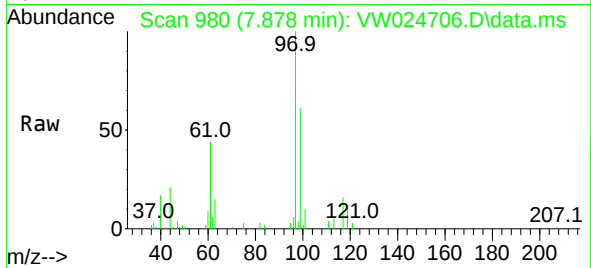




#30
1,1,1-Trichloroethane
Concen: 0.958 ug/L
RT: 7.878 min Scan# 91
Delta R.T. 0.012 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

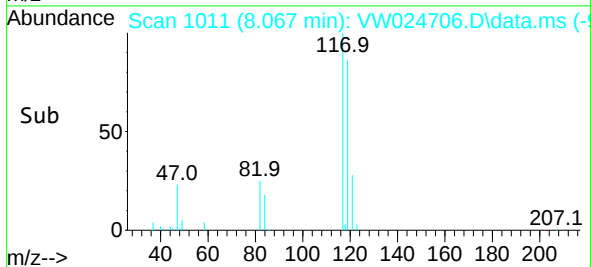
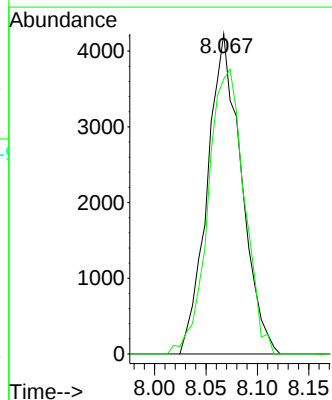
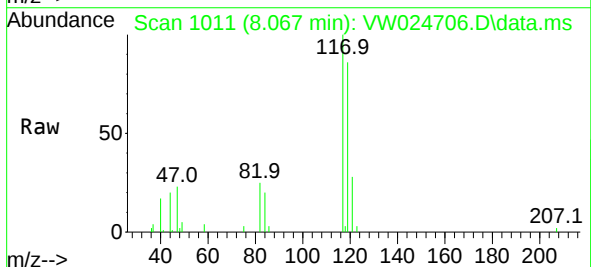
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

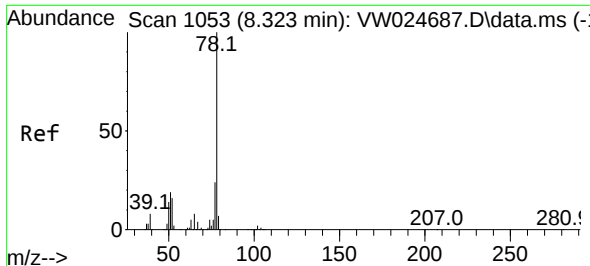
Tgt Ion: 97 Resp: 11398
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 47.6 35.8 53.6



#31
Carbon tetrachloride
Concen: 0.966 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion: 117 Resp: 9736
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.2





#33

Benzene

Concen: 0.870 ug/L

RT: 8.329 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

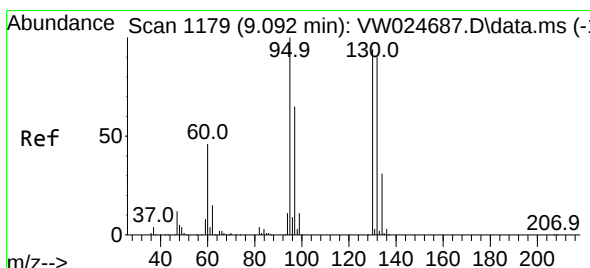
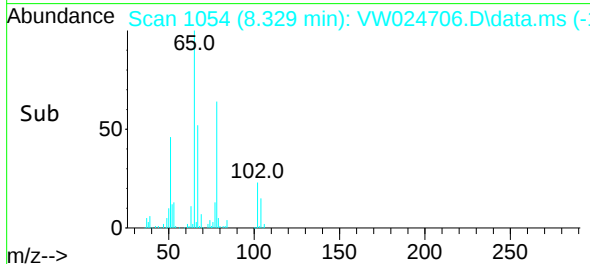
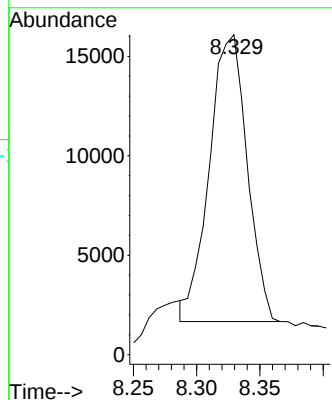
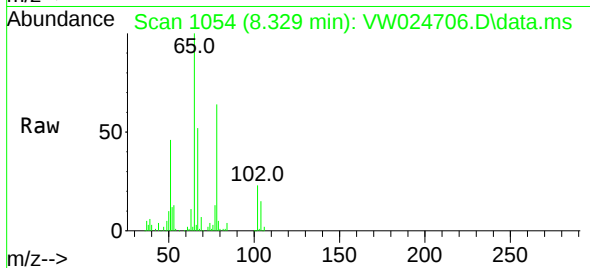
Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

Tgt Ion: 78 Resp: 29954



#34

Trichloroethene

Concen: 1.027 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

Tgt Ion: 95 Resp: 8961

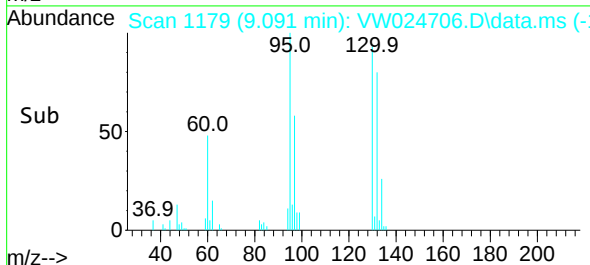
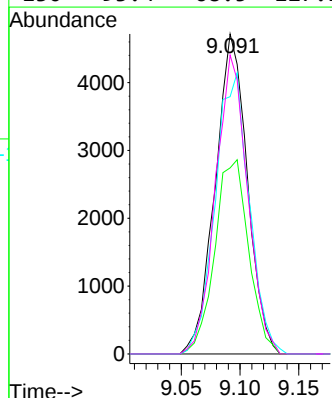
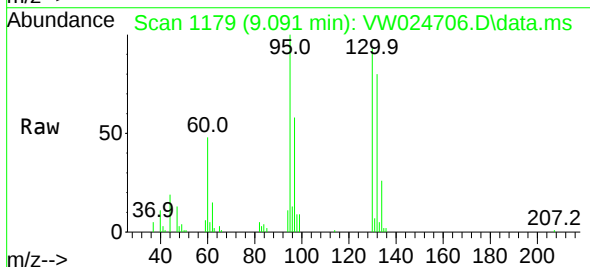
Ion Ratio Lower Upper

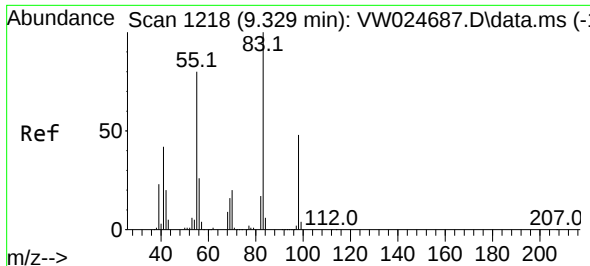
95 100

97 58.2 43.5 80.9

132 80.4 61.2 113.8

130 93.4 68.5 127.1

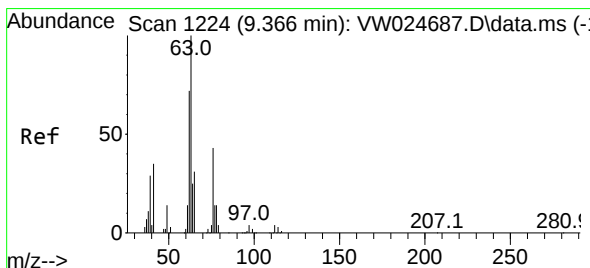
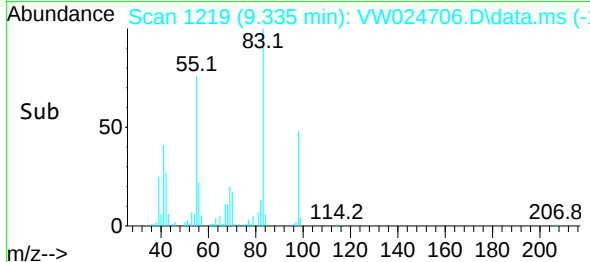
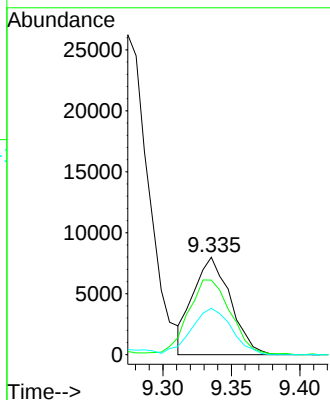
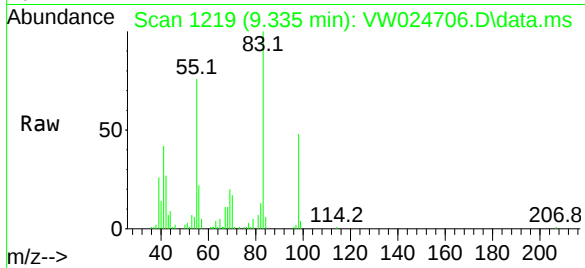




#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

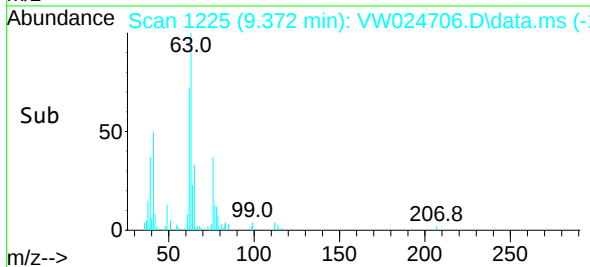
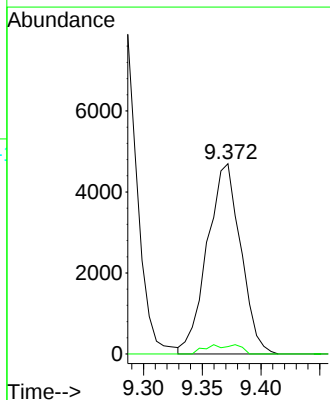
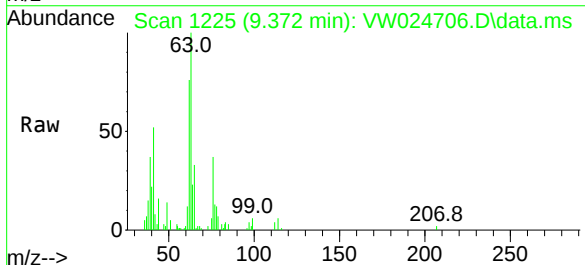
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

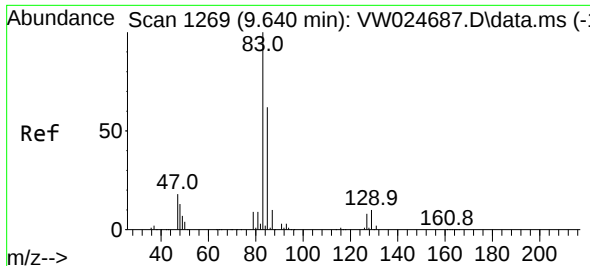
Tgt Ion: 83 Resp: 15183
Ion Ratio Lower Upper
83 100
55 87.4 63.1 94.7
98 51.1 38.3 57.5



#37
1,2-Dichloropropane
Concen: 1.095 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion: 63 Resp: 9303
Ion Ratio Lower Upper
63 100
112 2.3 3.6 5.4#

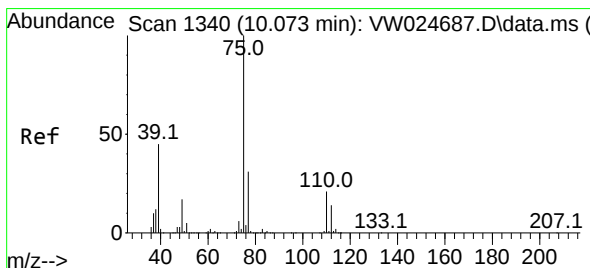
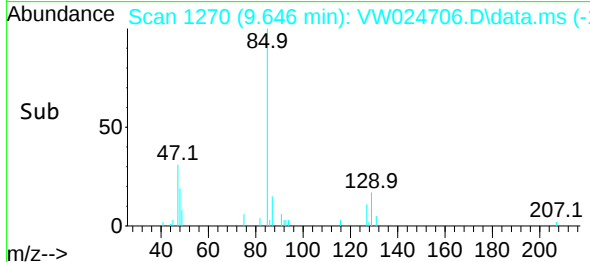
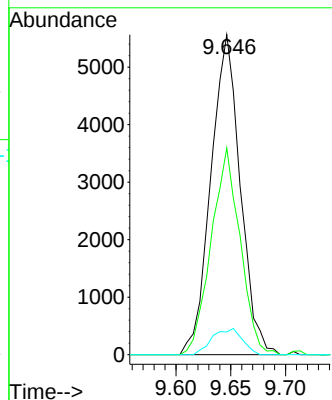
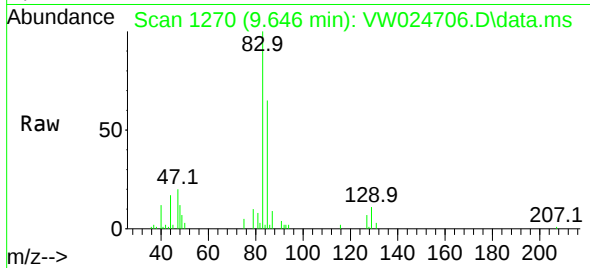




#38
Bromodichloromethane
Concen: 0.993 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

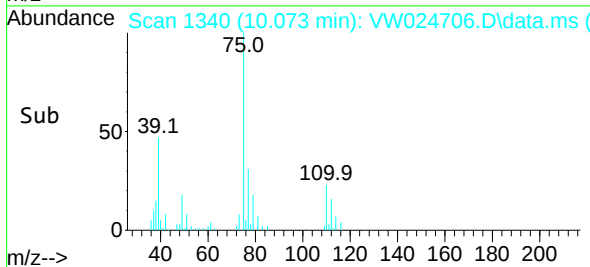
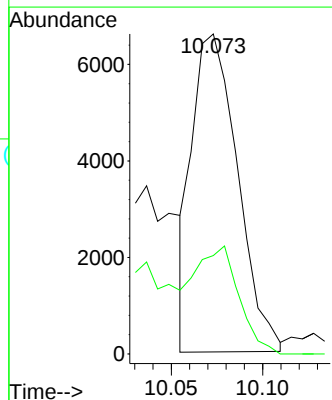
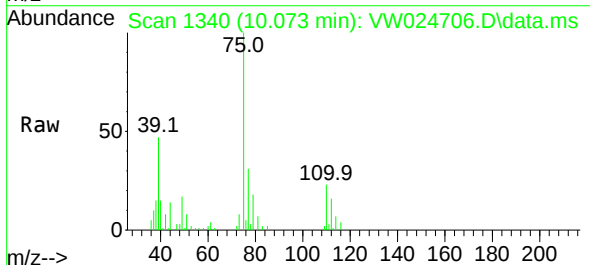
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

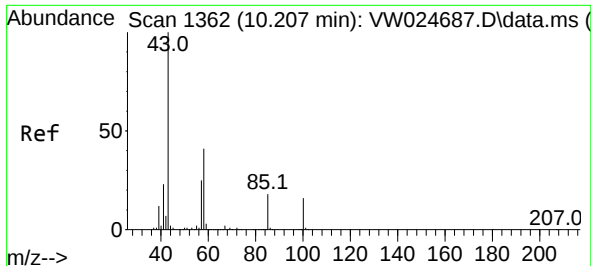
Tgt Ion: 83 Resp: 10382
Ion Ratio Lower Upper
83 100
85 64.6 45.6 84.8
127 7.1 6.4 9.6



#39
cis-1,3-Dichloropropene
Concen: 0.841 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion: 75 Resp: 11307
Ion Ratio Lower Upper
75 100
77 30.8 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 2.234 ug/L

RT: 10.213 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

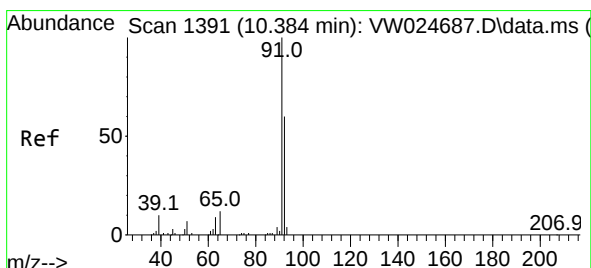
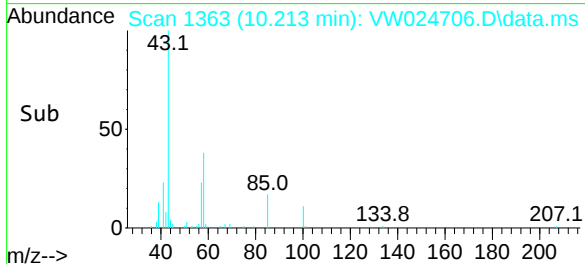
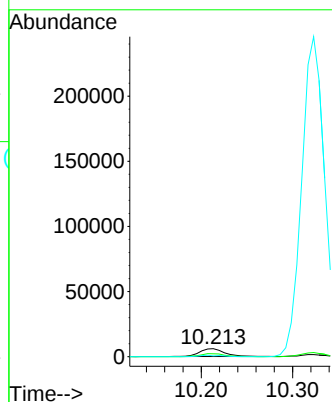
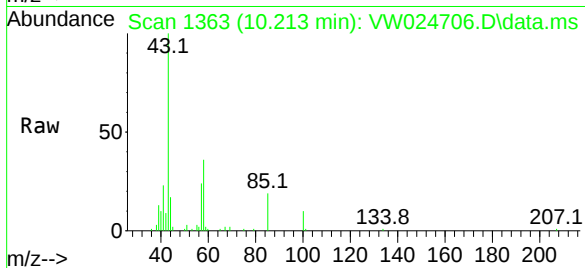
Tgt Ion: 43 Resp: 11237

Ion Ratio Lower Upper

43 100

58 39.7 32.9 49.3

100 10.0 12.6 19.0#



#42

Toluene

Concen: 1.213 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW024706.D

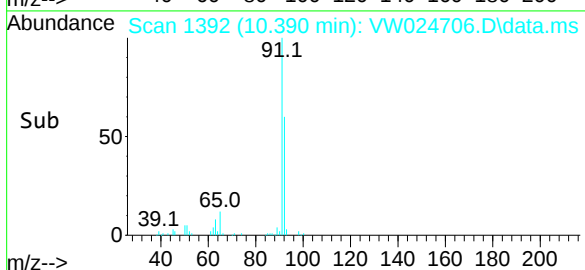
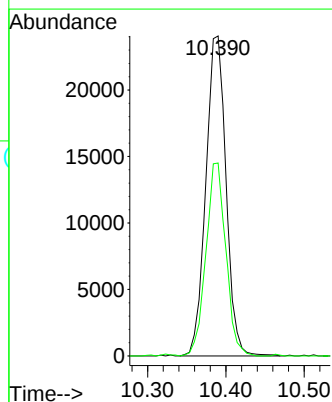
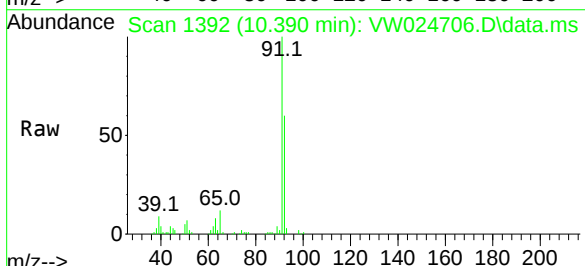
Acq: 03 Oct 2022 12:23

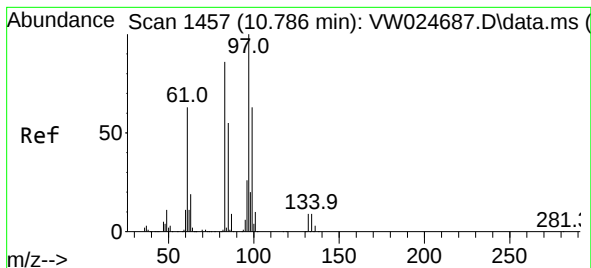
Tgt Ion: 91 Resp: 43133

Ion Ratio Lower Upper

91 100

92 60.3 41.0 76.2





#45

1,1,2-Trichloroethane

Concen: 1.078 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

Tgt Ion: 97 Resp: 6256

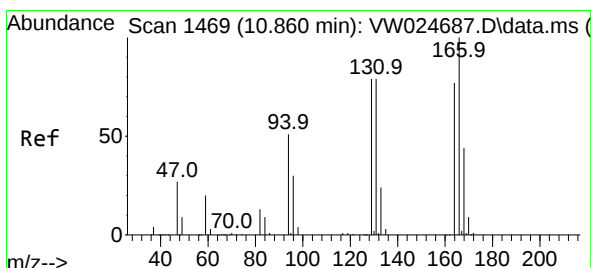
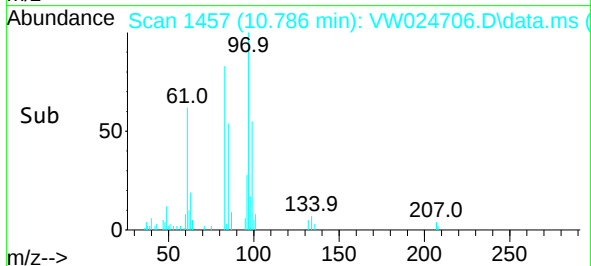
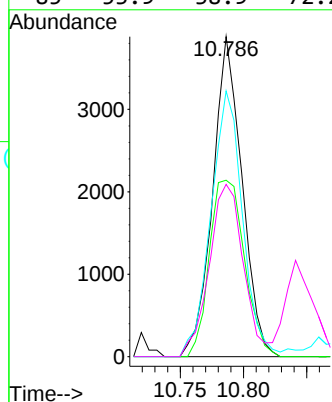
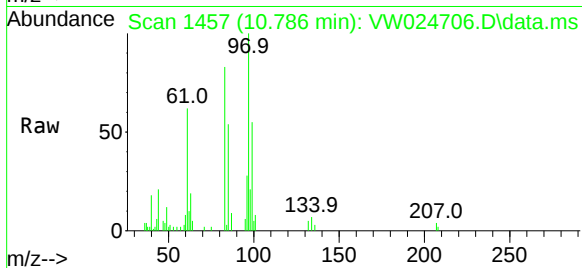
Ion Ratio Lower Upper

97 100

99 55.2 43.8 81.4

83 83.0 60.1 111.5

85 53.9 38.9 72.2



#46

Tetrachloroethene

Concen: 1.083 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

Tgt Ion:164 Resp: 6419

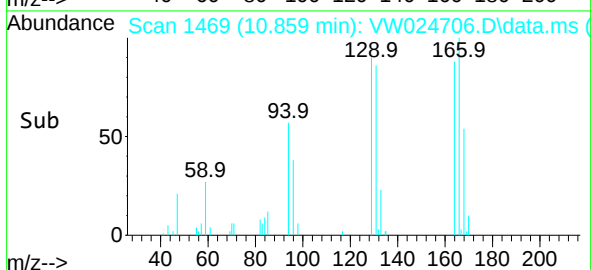
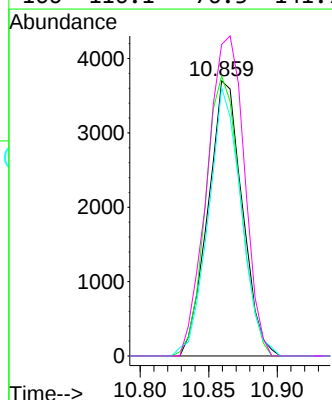
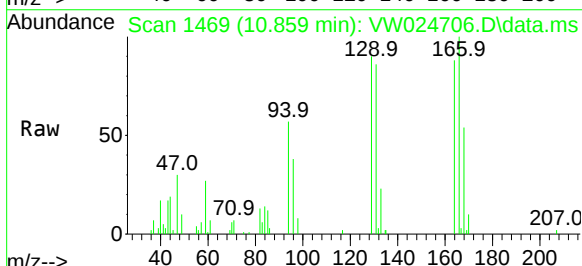
Ion Ratio Lower Upper

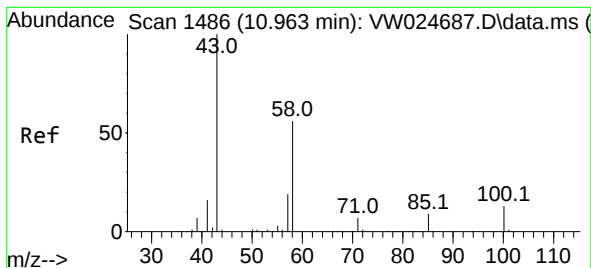
164 100

129 101.8 74.1 137.5

131 97.6 71.5 132.7

166 116.1 76.3 141.7





#48

2-Hexanone

Concen: 2.494 ug/L

RT: 10.969 min Scan# 1486

Delta R.T. 0.006 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

Tgt Ion: 43 Resp: 8484

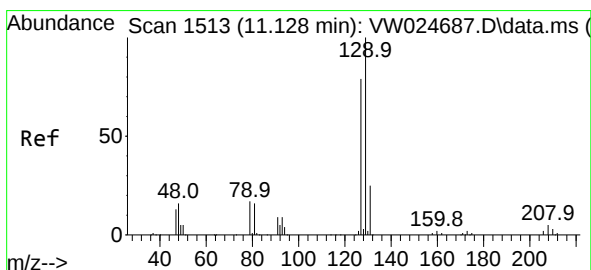
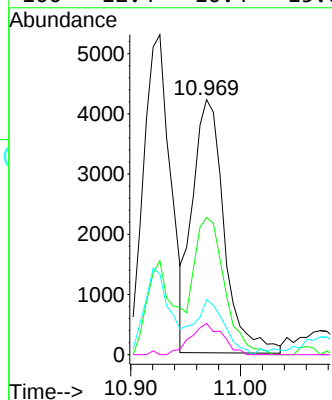
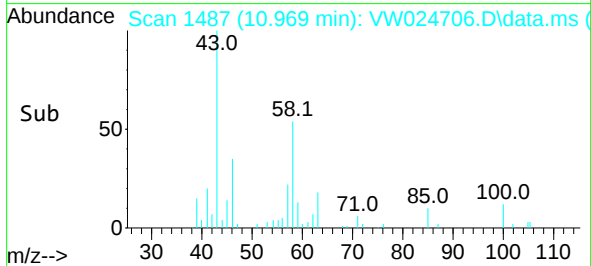
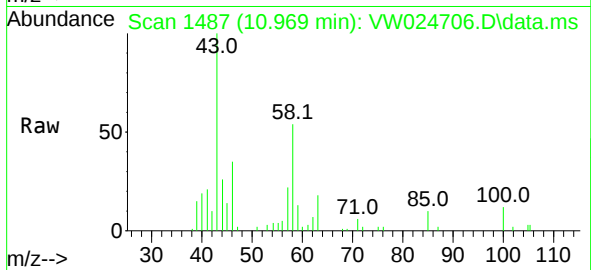
Ion Ratio Lower Upper

43 100

58 51.0 45.3 67.9

57 20.9 16.3 24.5

100 12.4 10.4 15.6



#49

Dibromochloromethane

Concen: 0.955 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024706.D

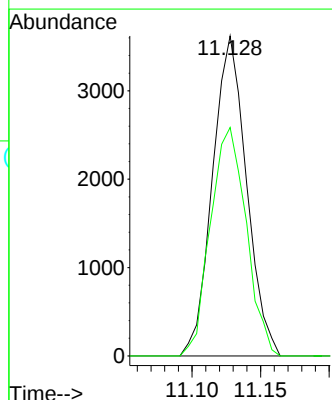
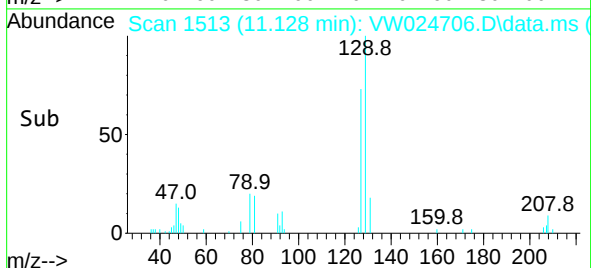
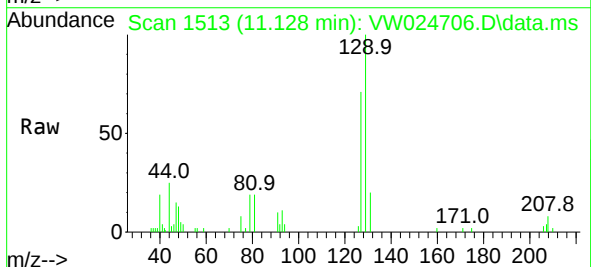
Acq: 03 Oct 2022 12:23

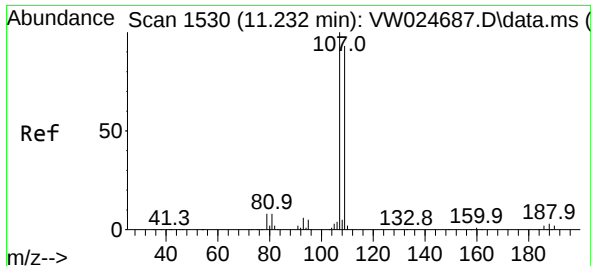
Tgt Ion: 129 Resp: 6241

Ion Ratio Lower Upper

129 100

127 71.4 52.4 97.4





#50

1,2-Dibromoethane

Concen: 1.055 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

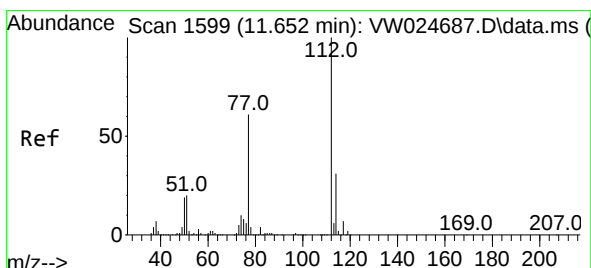
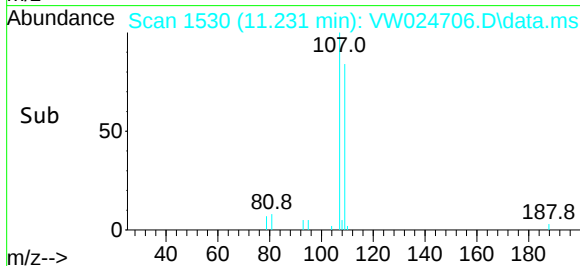
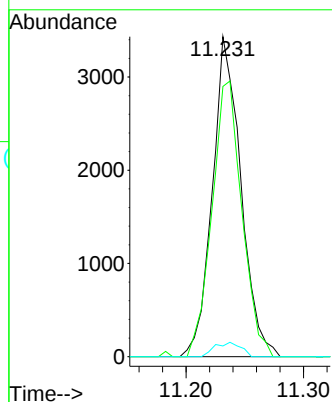
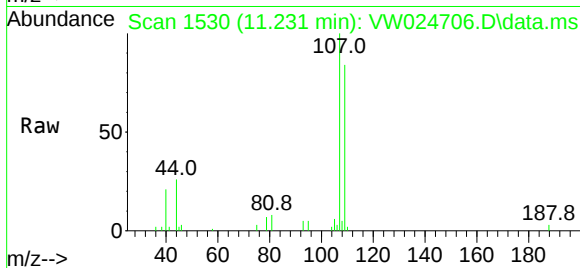
Tgt Ion:107 Resp: 5798

Ion Ratio Lower Upper

107 100

109 84.5 65.5 121.7

188 3.3 2.4 3.6



#51

Chlorobenzene

Concen: 1.042 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

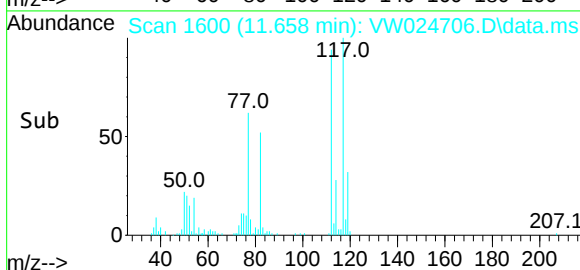
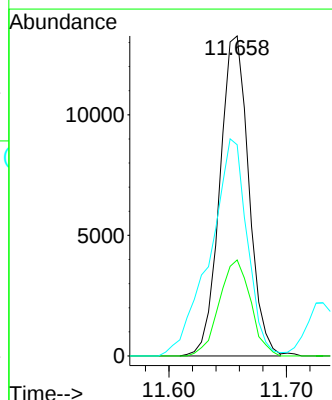
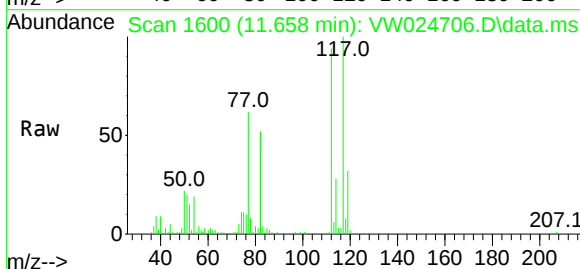
Tgt Ion:112 Resp: 22677

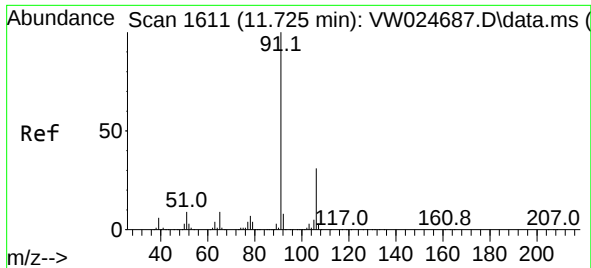
Ion Ratio Lower Upper

112 100

114 30.0 23.3 43.3

77 66.0 49.1 73.7

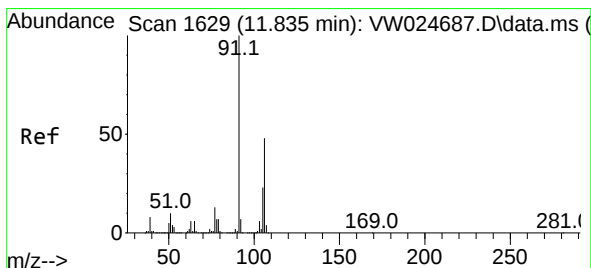
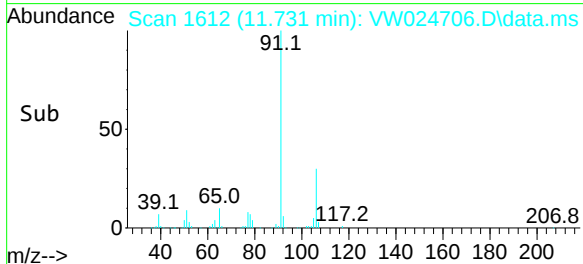
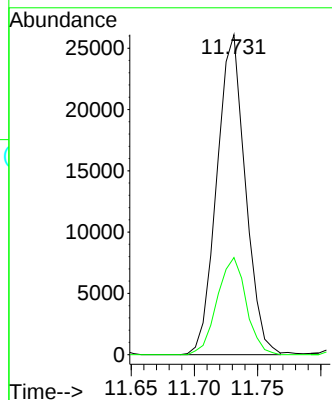
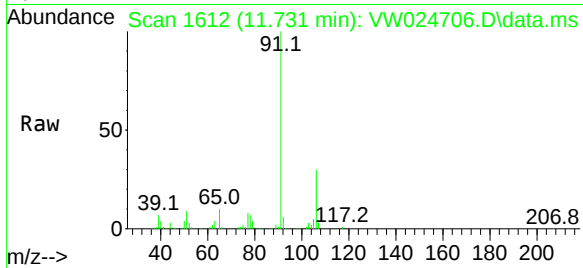




#52
Ethylbenzene
Concen: 1.046 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

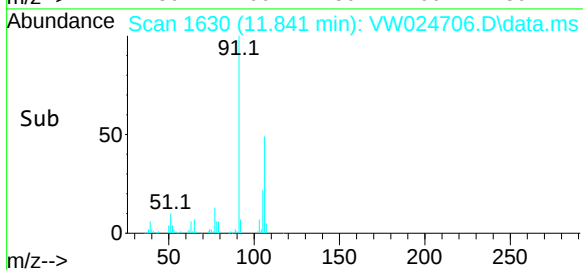
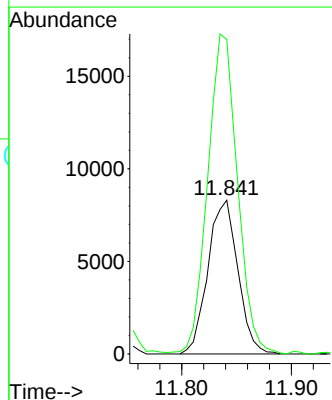
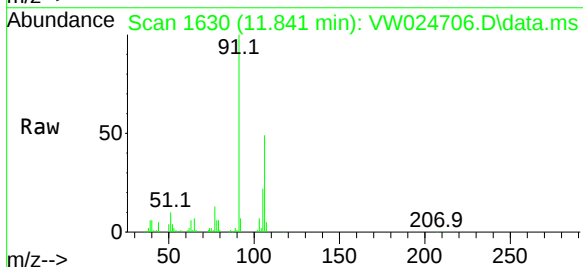
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

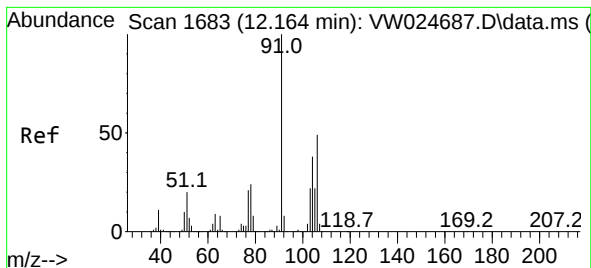
Tgt Ion: 91 Resp: 40954
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 1.032 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion: 106 Resp: 15782
Ion Ratio Lower Upper
106 100
91 204.5 146.8 272.6

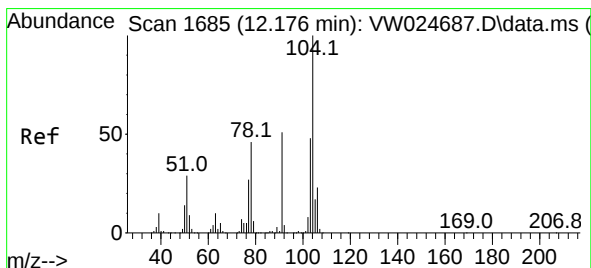
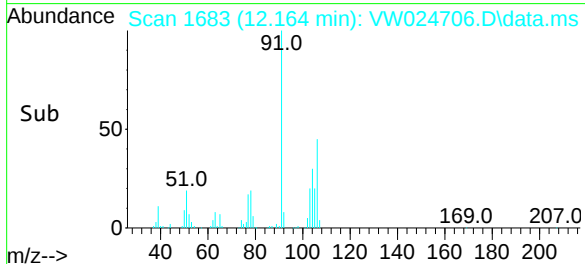
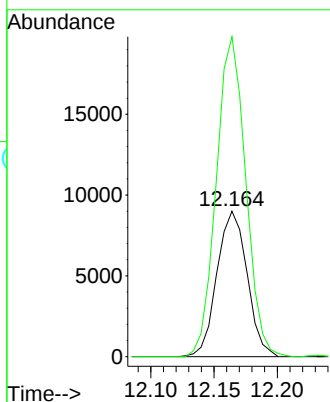
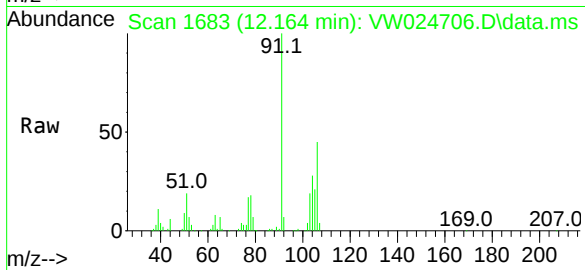




#54
o-Xylene
Concen: 1.032 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

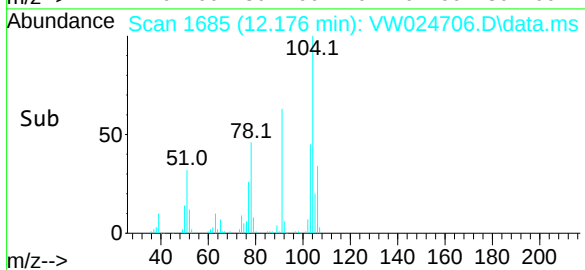
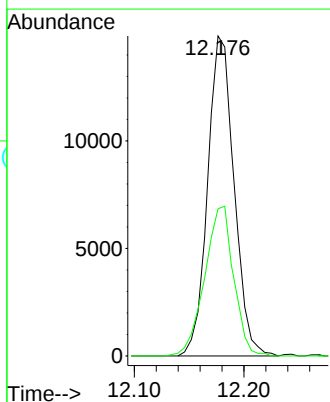
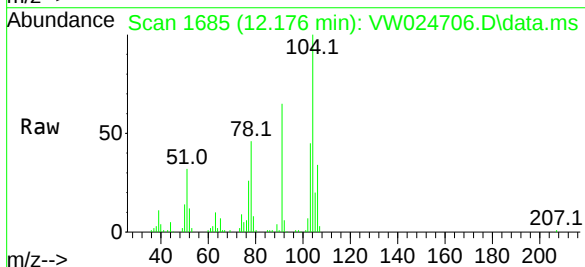
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

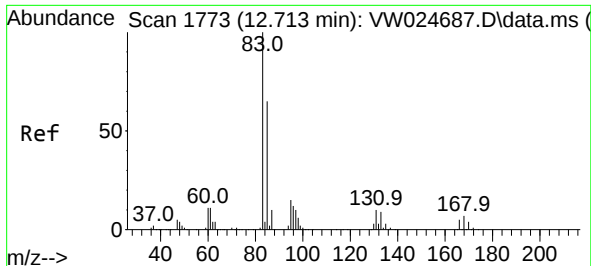
Tgt Ion:106 Resp: 14903
Ion Ratio Lower Upper
106 100
91 220.1 146.3 271.7



#55
Styrene
Concen: 1.025 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion:104 Resp: 24943
Ion Ratio Lower Upper
104 100
78 46.0 33.5 62.1





#57

1,1,2-Tetrachloroethane

Concen: 1.263 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

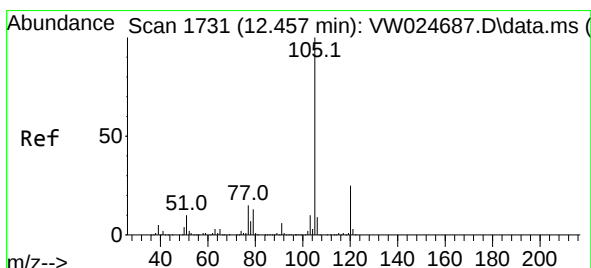
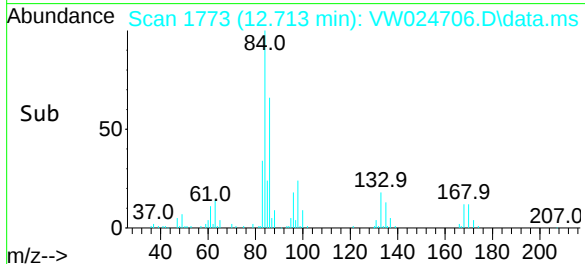
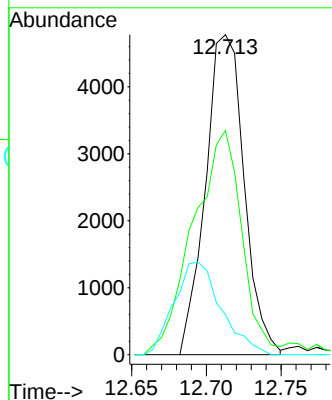
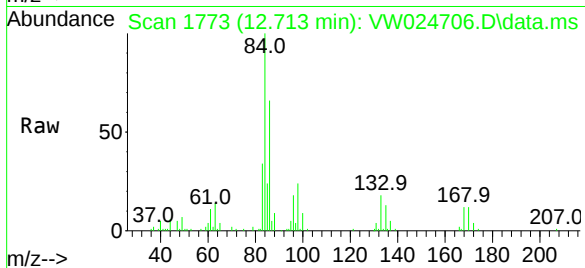
Tgt Ion: 83 Resp: 8586

Ion Ratio Lower Upper

83 100

85 70.0 45.2 84.0

131 12.5 7.3 10.9#



#60

Isopropylbenzene

Concen: 1.000 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.006 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

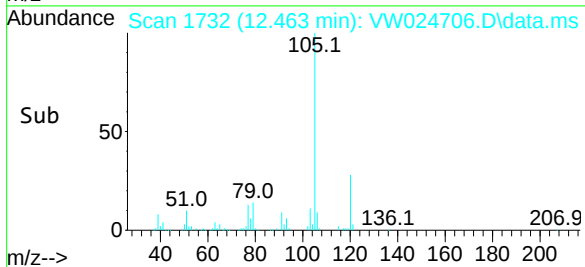
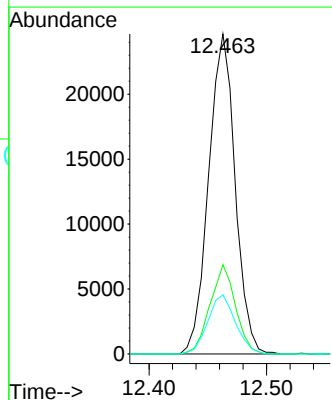
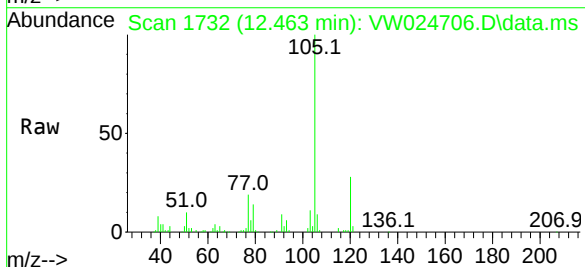
Tgt Ion: 105 Resp: 38620

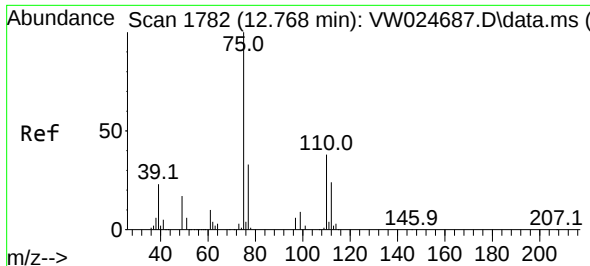
Ion Ratio Lower Upper

105 100

120 26.8 20.9 31.3

77 19.3 12.7 19.1#

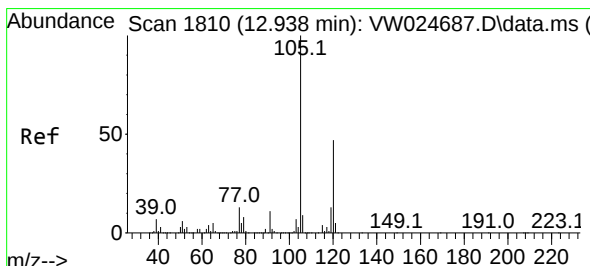
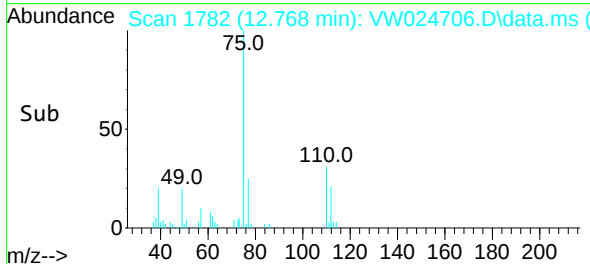
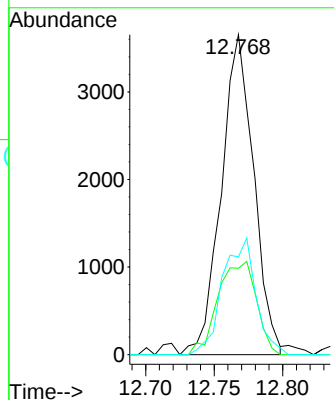
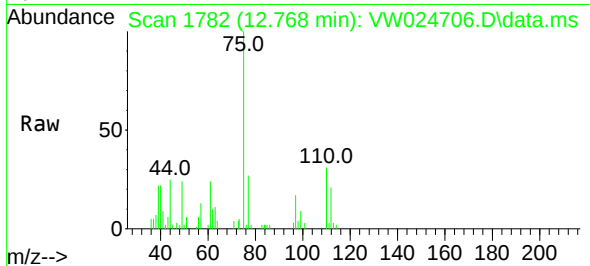




#61
1,2,3-Trichloropropane
Concen: 1.180 ug/L
RT: 12.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

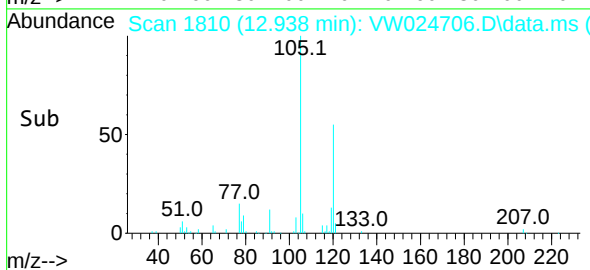
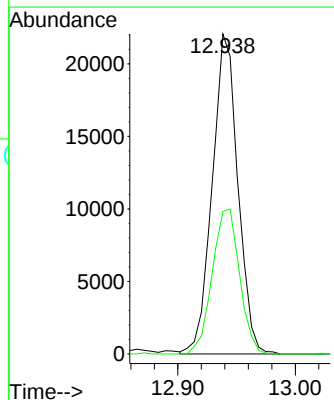
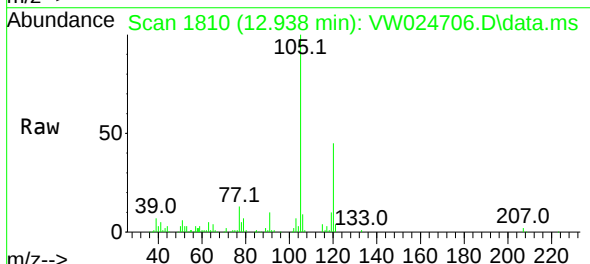
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

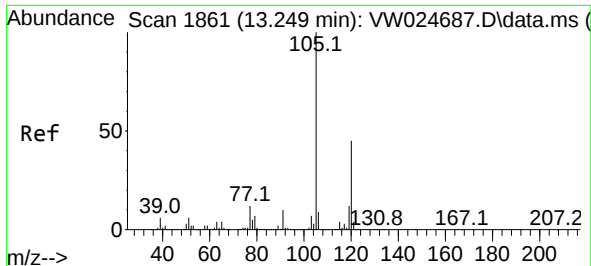
Tgt Ion: 75 Resp: 6022
Ion Ratio Lower Upper
75 100
77 34.4 25.8 38.6
110 37.4 29.2 43.8



#62
1,3,5-Trimethylbenzene
Concen: 0.995 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion: 105 Resp: 33404
Ion Ratio Lower Upper
105 100
120 48.3 38.8 58.2

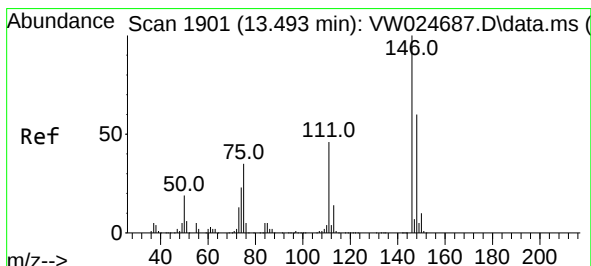
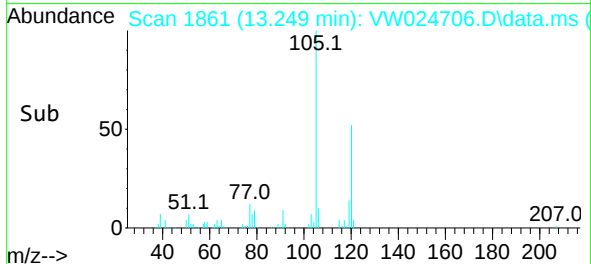
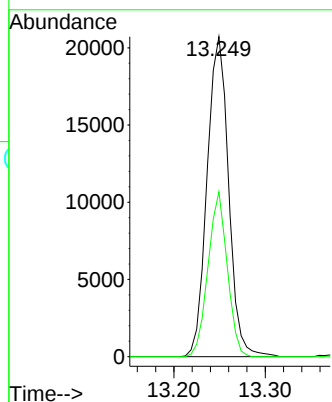
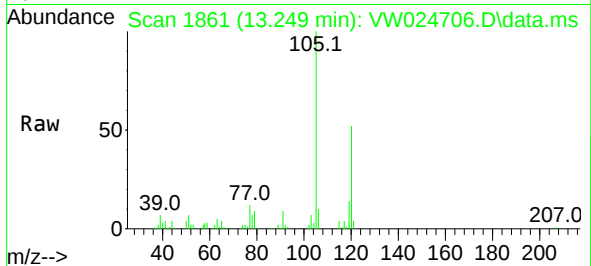




#63
1,2,4-Trimethylbenzene
Concen: 1.029 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

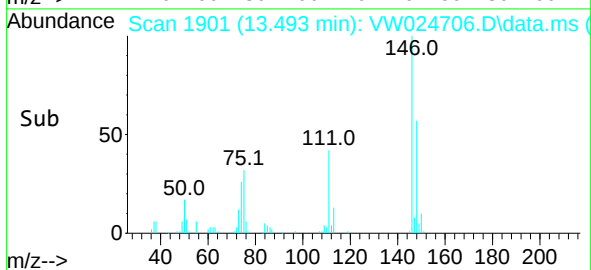
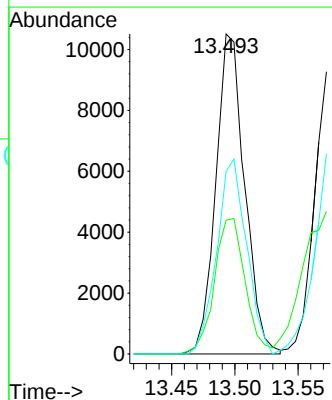
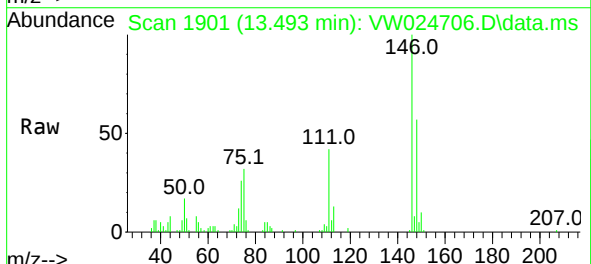
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

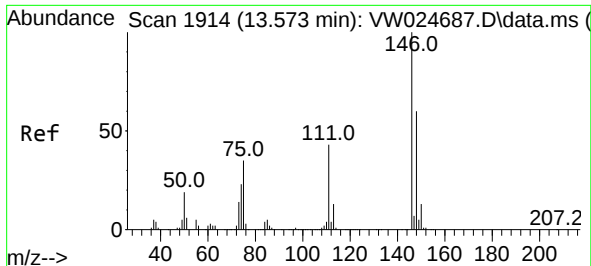
Tgt Ion:105 Resp: 33832
Ion Ratio Lower Upper
105 100
120 45.9 35.2 52.8



#64
1,3-Dichlorobenzene
Concen: 1.061 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion:146 Resp: 16651
Ion Ratio Lower Upper
146 100
111 41.8 31.6 58.6
148 57.0 38.1 70.9

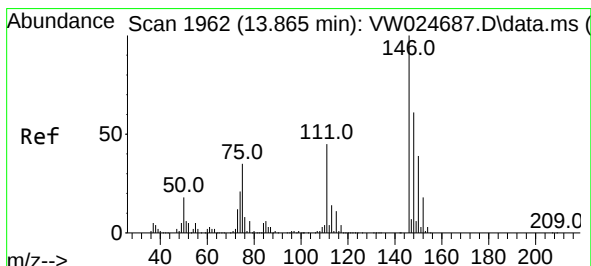
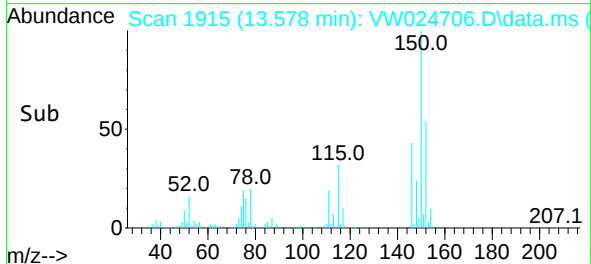
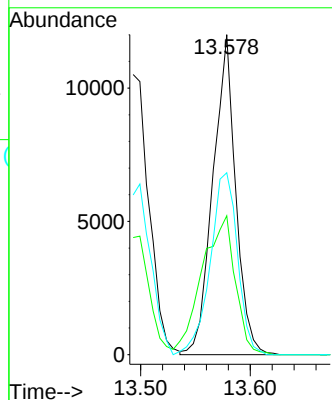
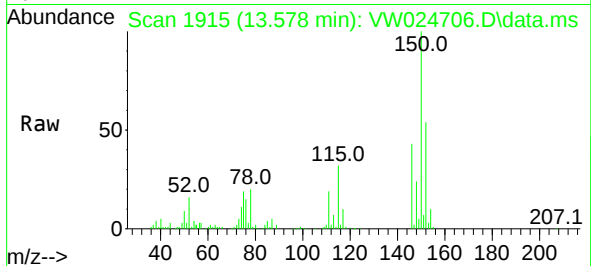




#65
1,4-Dichlorobenzene
Concen: 1.136 ug/L
RT: 13.578 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

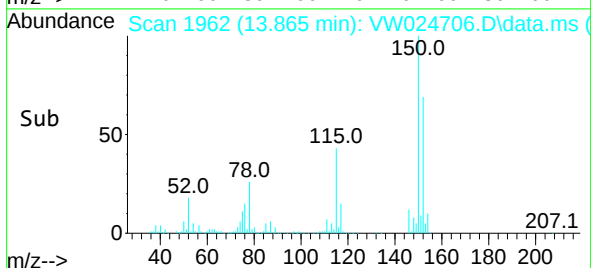
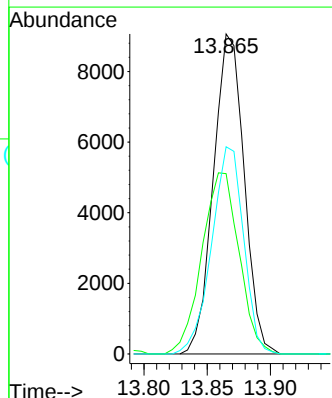
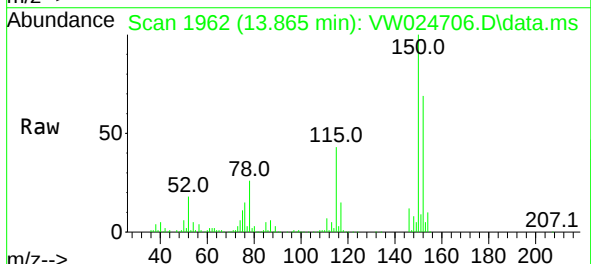
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

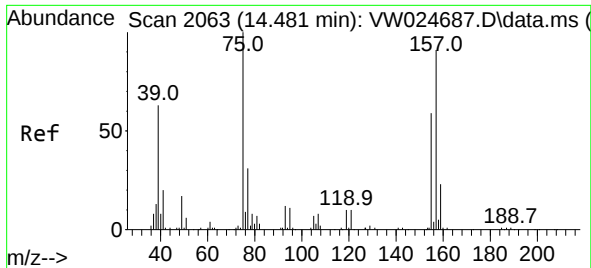
Tgt Ion:146 Resp: 17352
Ion Ratio Lower Upper
146 100
111 43.4 29.4 54.6
148 56.8 39.6 73.6



#67
1,2-Dichlorobenzene
Concen: 1.121 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion:146 Resp: 15322
Ion Ratio Lower Upper
146 100
111 56.4 37.2 55.8#
148 64.7 53.0 79.6

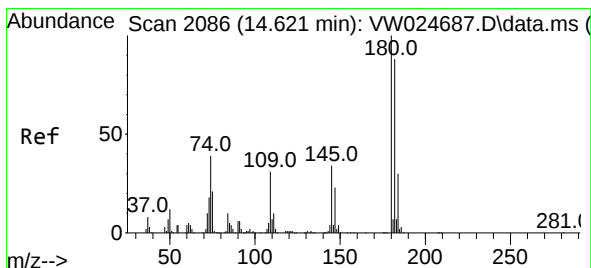
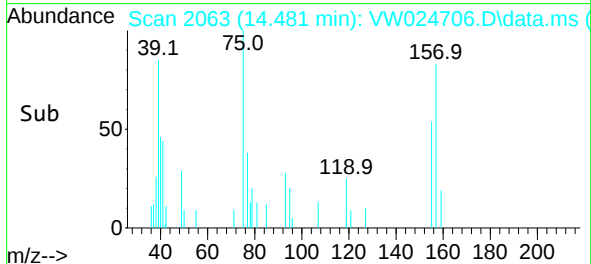
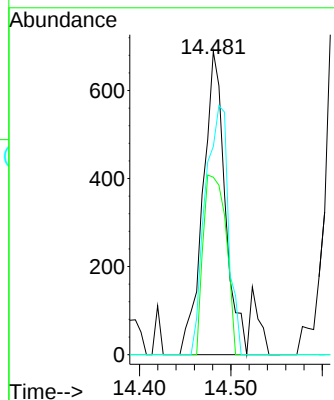
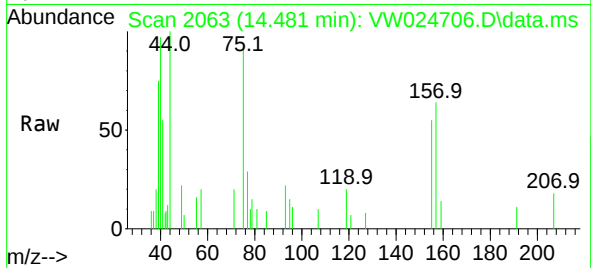




#68
1,2-Dibromo-3-chloropropane
Concen: 1.052 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

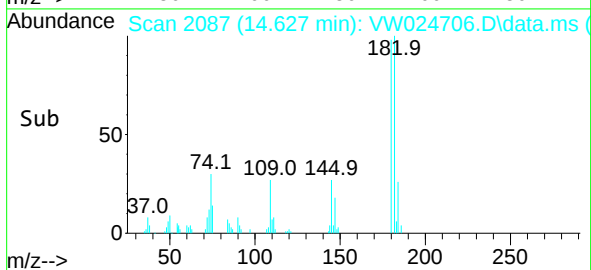
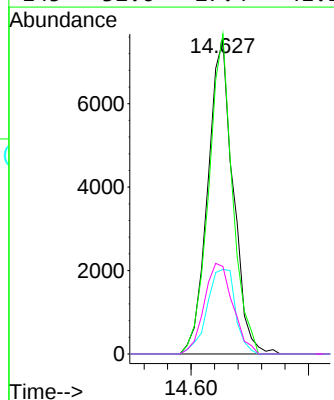
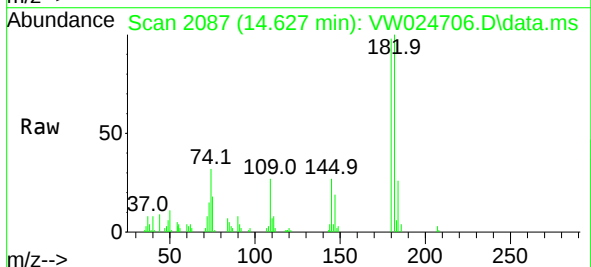
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

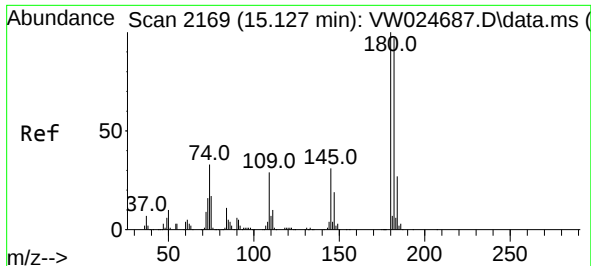
Tgt Ion: 75 Resp: 1270
Ion Ratio Lower Upper
75 100
155 58.5 57.6 86.4
157 68.7 73.0 109.6#



#69
1,3,5-Trichlorobenzene
Concen: 1.085 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW024706.D
Acq: 03 Oct 2022 12:23

Tgt Ion:180 Resp: 11303
Ion Ratio Lower Upper
180 100
182 95.3 77.1 115.7
184 30.0 23.3 34.9
145 32.6 27.4 41.2





#70

1,2,4-trichlorobenzene

Concen: 0.956 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

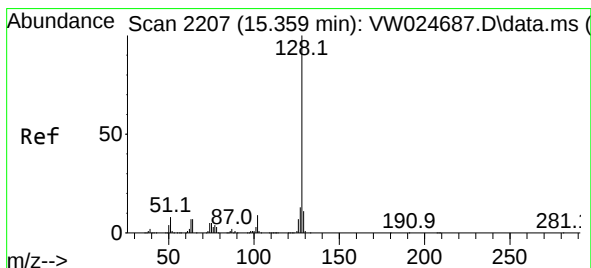
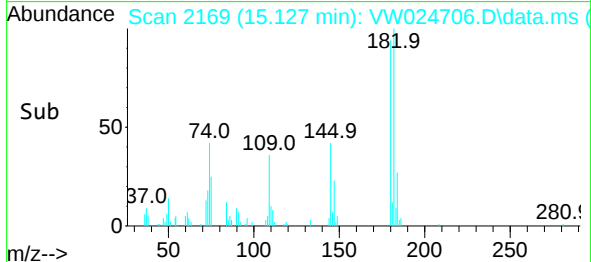
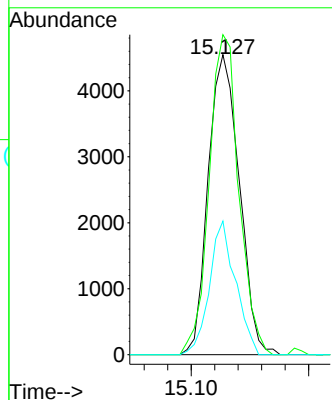
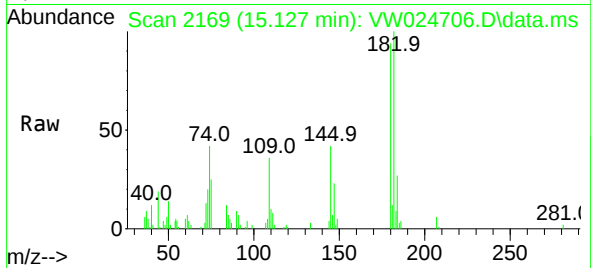
Tgt Ion:180 Resp: 8367

Ion Ratio Lower Upper

180 100

182 101.5 76.8 115.2

145 37.3 29.0 43.4



#71

Naphthalene

Concen: 0.965 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024706.D

Acq: 03 Oct 2022 12:23

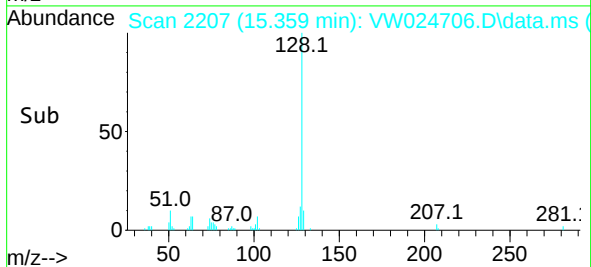
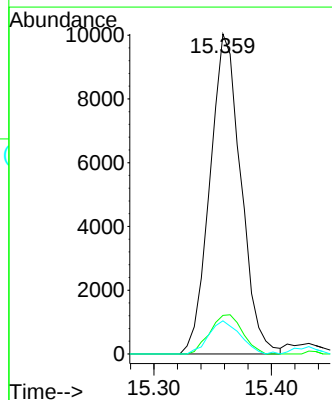
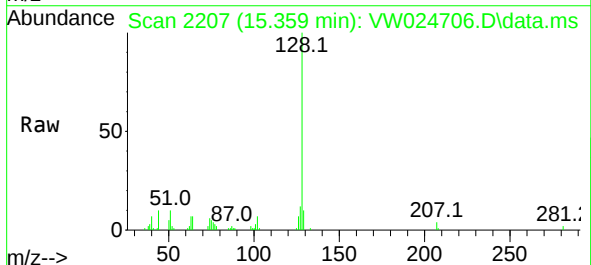
Tgt Ion:128 Resp: 18384

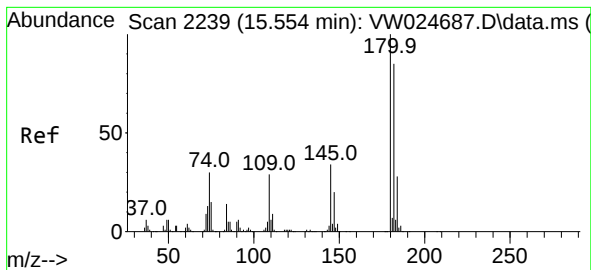
Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.4 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 1.096 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW024706.D
 Acq: 03 Oct 2022 12:23

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1 PPB

Tgt Ion:180 Resp: 8163
 Ion Ratio Lower Upper
 180 100
 182 91.1 77.4 116.2
 145 34.7 30.6 45.8

