

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101322\
 Data File : VW024898.D
 Acq On : 13 Oct 2022 12:10
 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 14 02:11:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 14 02:07:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	462446	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	421622	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	202865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	127894	23.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.760%
7) Chloroethane-d5	2.885	69	71914	22.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	4.160	63	134	0.011	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.040%#
21) 2-Butanone-d5	7.080	46	92374	53.436	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.880%
24) Chloroform-d	7.647	84	307878	23.604	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	8.305	65	168000	24.610	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.440%
32) Benzene-d6	8.275	84	655068	24.777	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.120%
36) 1,2-Dichloropropane-d6	9.274	67	199000	24.540	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.160%
41) Toluene-d8	10.323	98	586161	24.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	10.579	79	75739	24.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.520%
47) 2-Hexanone-d5	10.927	63	71284	52.432	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	156127	24.688	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	178448	24.071	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.280%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	8431	1.346	ug/L #	1
13) Acetone	4.141	43	4985	4.121	ug/L	67
18) Methyl tert-butyl Ether	5.428	73	10420	1.028	ug/L #	83
19) 1,1-Dichloroethane	6.214	63	11670	0.925	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	6663	0.904	ug/L	94
23) Bromochloromethane	7.519	128	2808	0.931	ug/L #	92
25) Chloroform	7.683	83	12522	1.011	ug/L	100
27) 1,2-Dichloroethane	8.397	62	8426	1.052	ug/L	100
29) Cyclohexane	7.958	56	9829	0.803	ug/L	94
30) 1,1,1-Trichloroethane	7.878	97	9163	0.945	ug/L	99
31) Carbon tetrachloride	8.067	117	8177	0.960	ug/L	96
33) Benzene	8.330	78	26171	0.912	ug/L	100
34) Trichloroethene	9.092	95	6425	0.889	ug/L	92
35) Methylcyclohexane	9.342	83	10426	0.802	ug/L	94
37) 1,2-Dichloropropane	9.366	63	6968	0.975	ug/L #	91
38) Bromodichloromethane	9.646	83	8390	0.950	ug/L	87
39) cis-1,3-Dichloropropene	10.073	75	9273	0.897	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	8819	2.087	ug/L	98
42) Toluene	10.384	91	28450	0.967	ug/L	90

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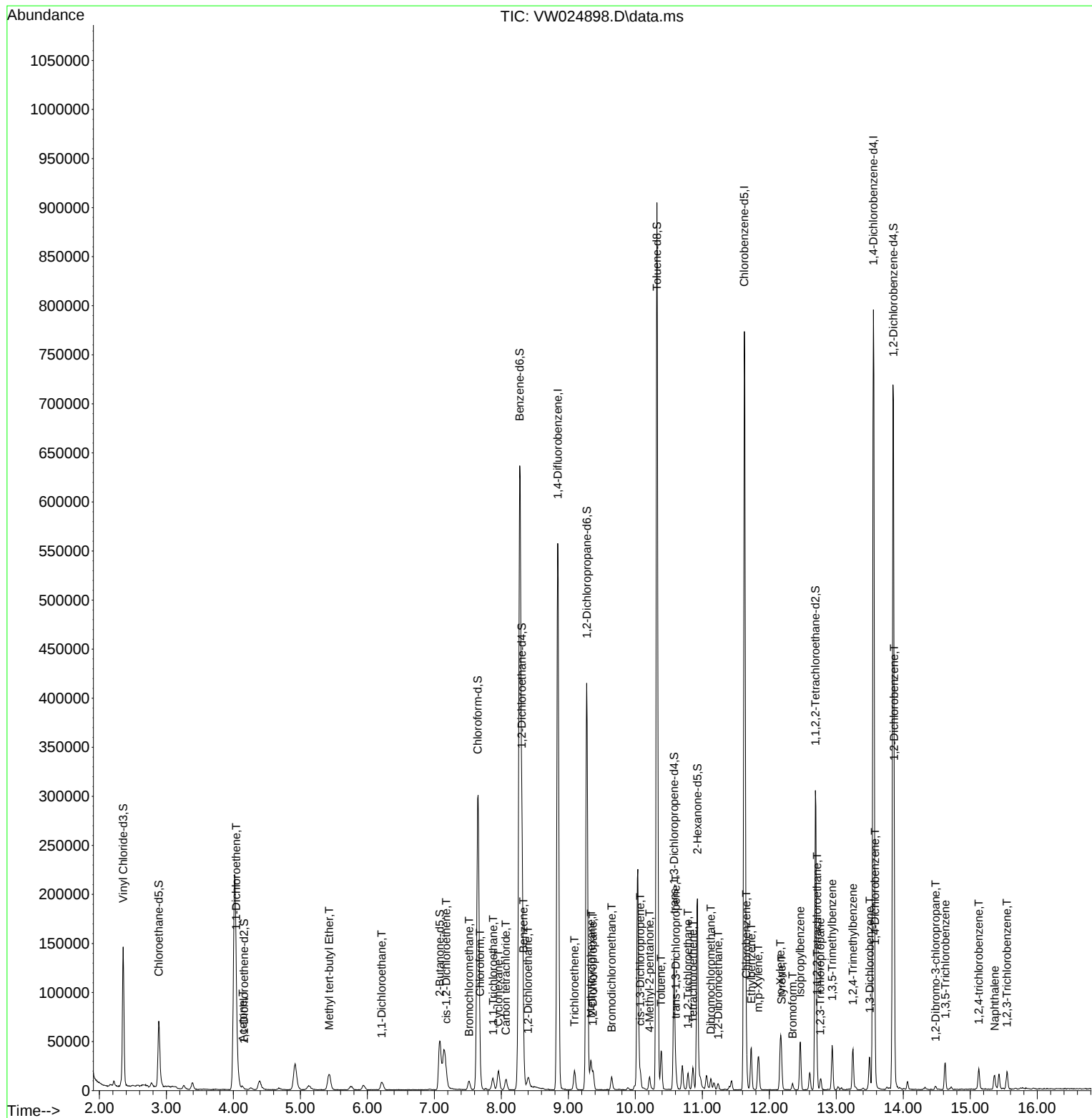
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.604	75	11216	1.307	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	5007	1.003	ug/L	91
46) Tetrachloroethene	10.860	164	4284	0.872	ug/L	91
49) Dibromochloromethane	11.128	129	5316	0.962	ug/L	84
50) 1,2-Dibromoethane	11.238	107	4594	0.977	ug/L	98
51) Chlorobenzene	11.658	112	17187	0.930	ug/L	93
52) Ethylbenzene	11.731	91	29178	0.886	ug/L	94
53) m,p-Xylene	11.835	106	11079	0.885	ug/L	92
54) o-Xylene	12.164	106	10218	0.858	ug/L	99
55) Styrene	12.182	104	17809	0.872	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	6803	1.117	ug/L #	97
59) Bromoform	12.347	173	2608	0.961	ug/L #	85
60) Isopropylbenzene	12.463	105	28110	0.859	ug/L #	96
61) 1,2,3-Trichloropropane	12.762	75	4711	1.056	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	23263	0.828	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	22852	0.844	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	12449	0.934	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	12941	0.959	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	11956	1.009	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.481	75	1075	1.109	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	8011	0.921	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	6054	0.858	ug/L	94
71) Naphthalene	15.365	128	12575	0.822	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	5072	0.842	ug/L	93

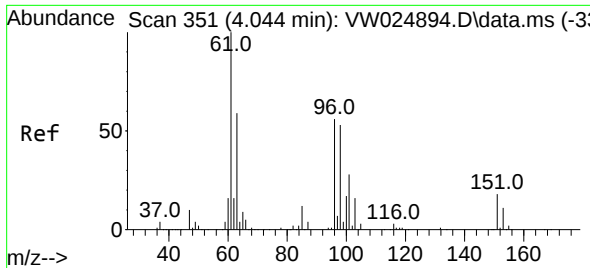
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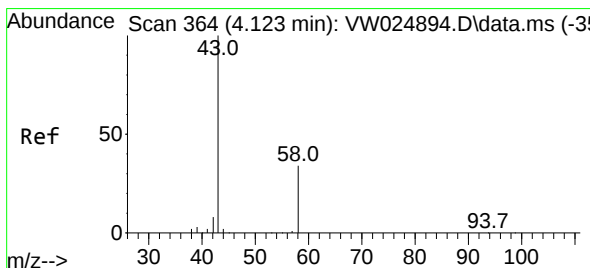
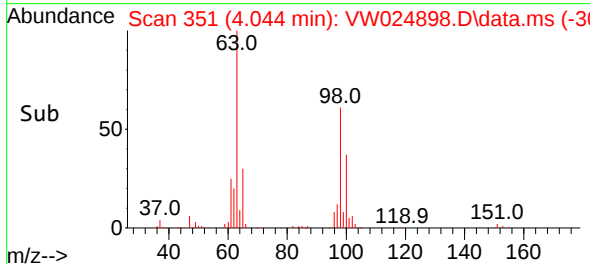
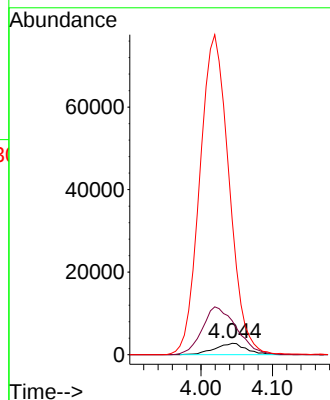
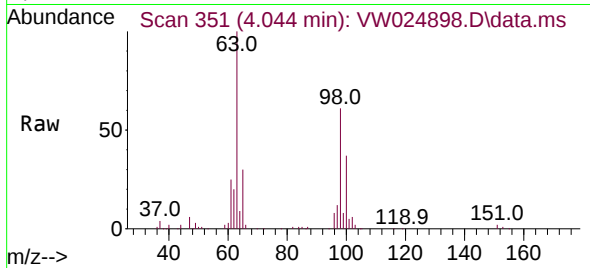




#12
1,1-Dichloroethene
Concen: 1.346 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

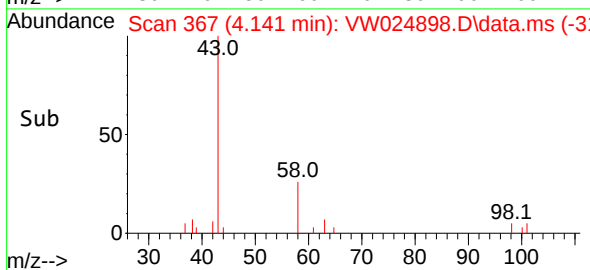
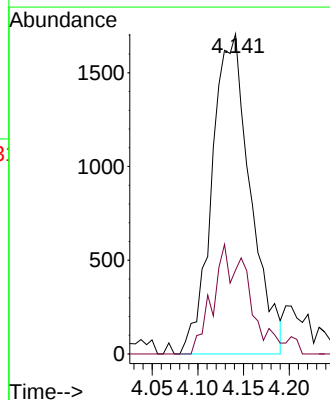
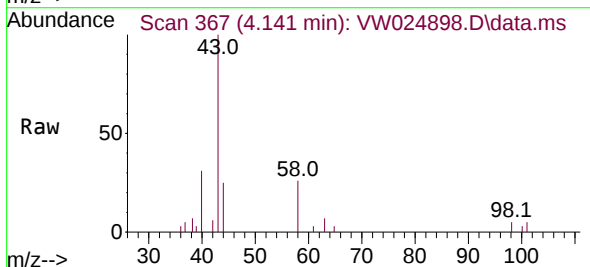
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

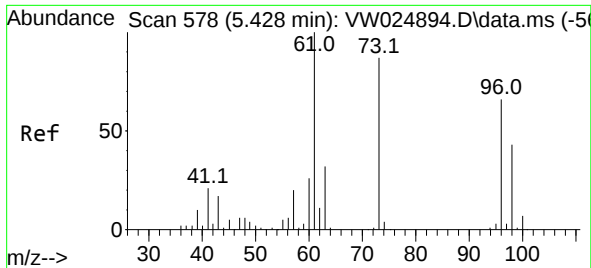
Tgt Ion: 96 Resp: 8431
Ion Ratio Lower Upper
96 100
61 297.8 122.4 227.2#
63 1184.8 92.1 171.1#



#13
Acetone
Concen: 4.121 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion: 43 Resp: 4985
Ion Ratio Lower Upper
43 100
58 13.6 0.0 64.2

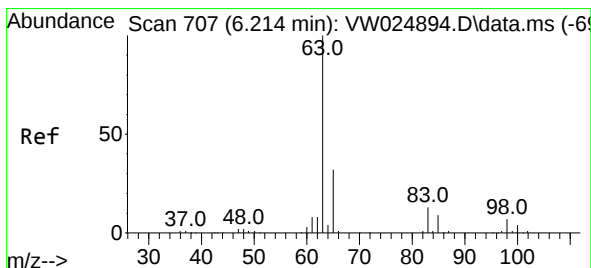
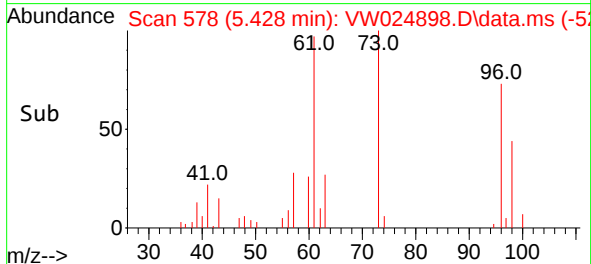
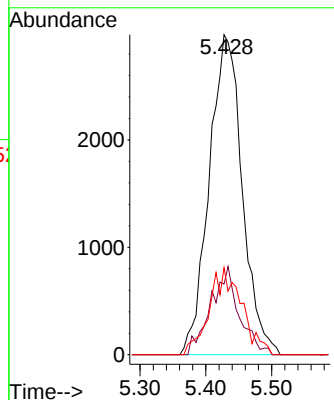
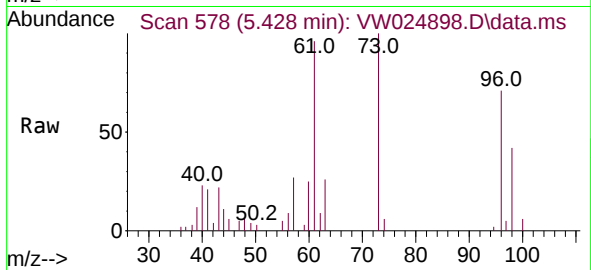




#18
Methyl tert-butyl Ether
Concen: 1.028 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

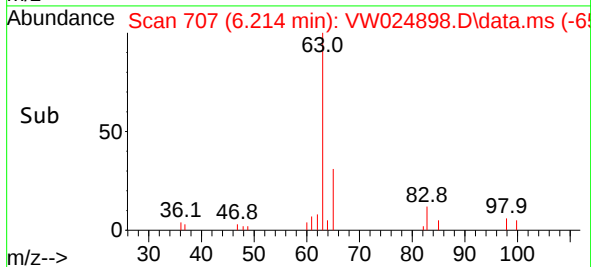
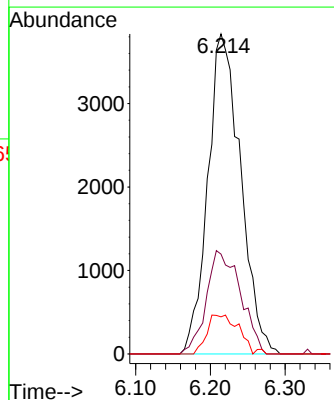
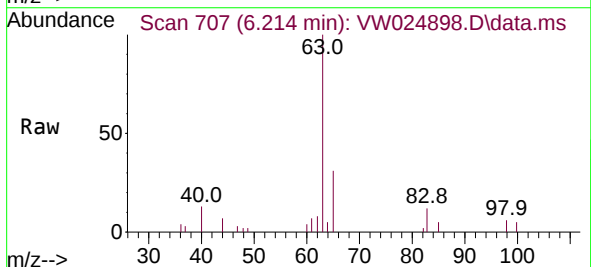
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

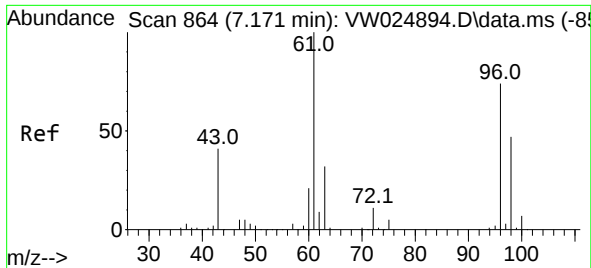
Tgt Ion: 73 Resp: 10420
Ion Ratio Lower Upper
73 100
43 23.3 15.8 23.6
57 10.6 18.2 27.4#



#19
1,1-Dichloroethane
Concen: 0.925 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion: 63 Resp: 11670
Ion Ratio Lower Upper
63 100
65 31.2 22.4 41.6
83 11.6 9.6 17.8

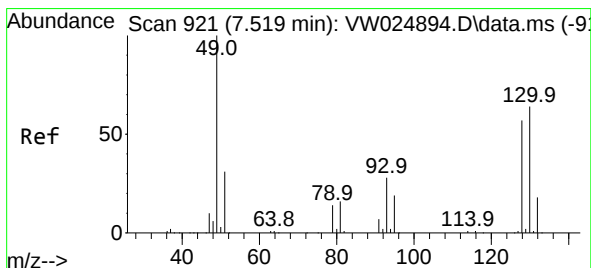
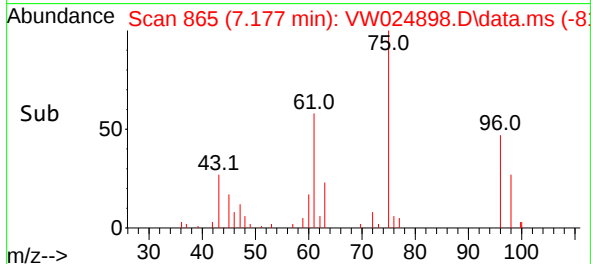
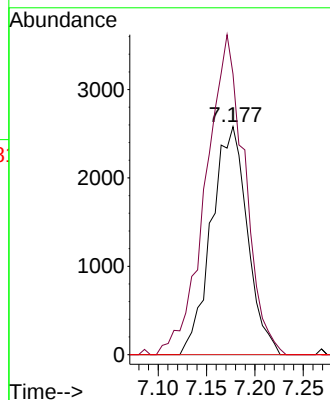
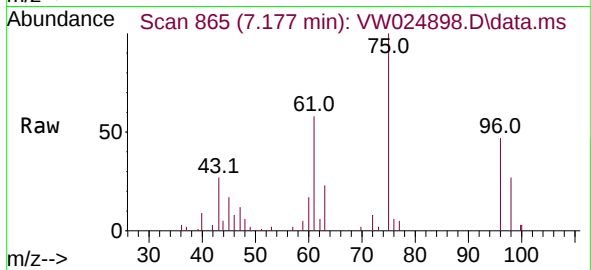




#20
 cis-1,2-Dichloroethene
 Concen: 0.904 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW024898.D
 Acq: 13 Oct 2022 12:10

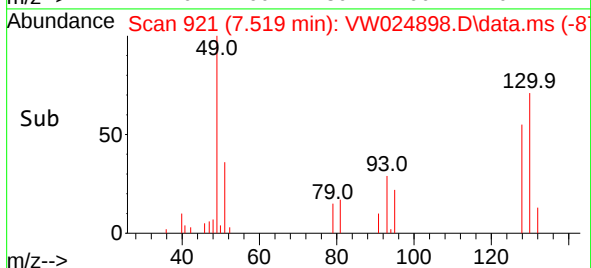
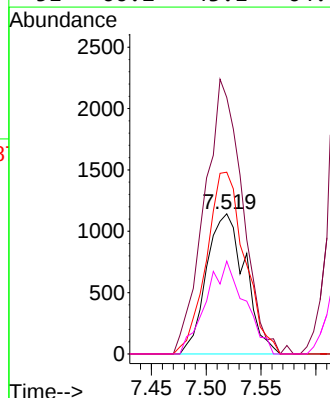
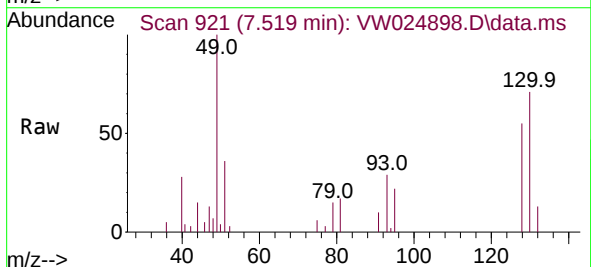
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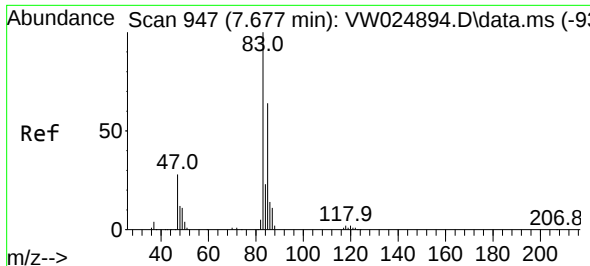
Tgt Ion: 96 Resp: 6663
 Ion Ratio Lower Upper
 96 100
 61 123.1 90.9 168.7
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.931 ug/L
 RT: 7.519 min Scan# 921
 Delta R.T. 0.000 min
 Lab File: VW024898.D
 Acq: 13 Oct 2022 12:10

Tgt Ion: 128 Resp: 2808
 Ion Ratio Lower Upper
 128 100
 49 183.0 122.7 227.9
 130 129.8 86.0 159.8
 51 66.2 43.1 64.7#

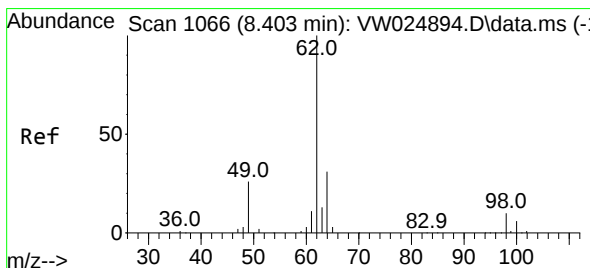
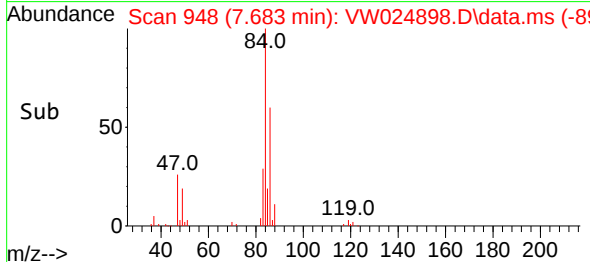
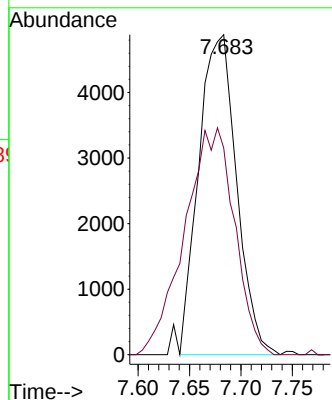
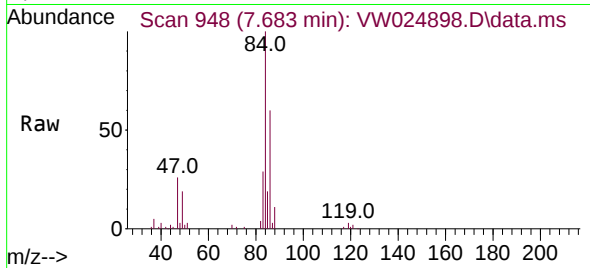




#25
Chloroform
Concen: 1.011 ug/L
RT: 7.683 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

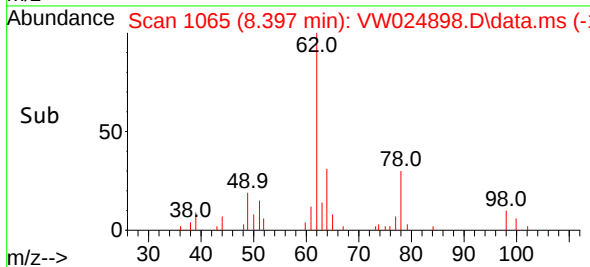
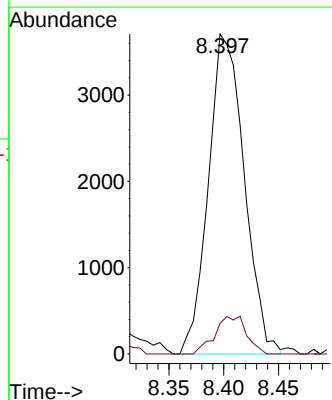
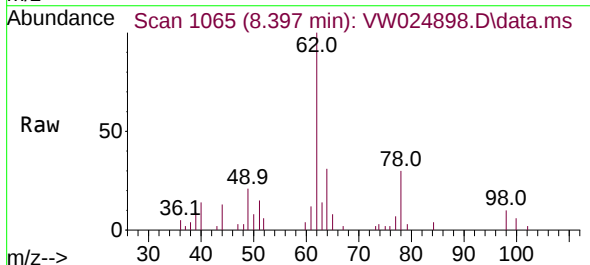
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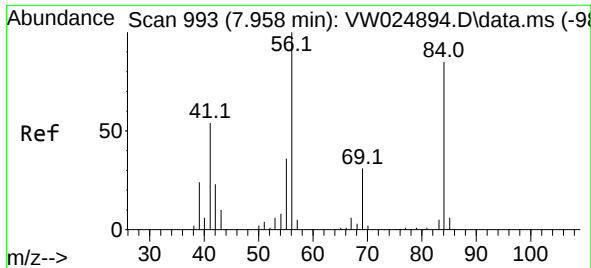
Tgt Ion: 83 Resp: 12522
Ion Ratio Lower Upper
83 100
85 64.6 45.3 84.1



#27
1,2-Dichloroethane
Concen: 1.052 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion: 62 Resp: 8426
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.6

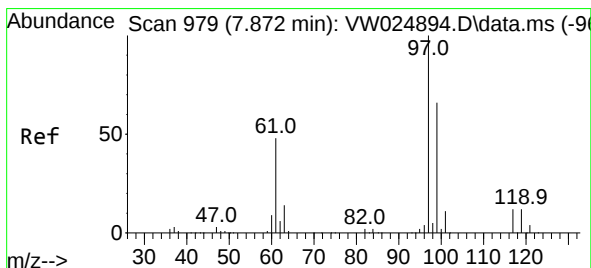
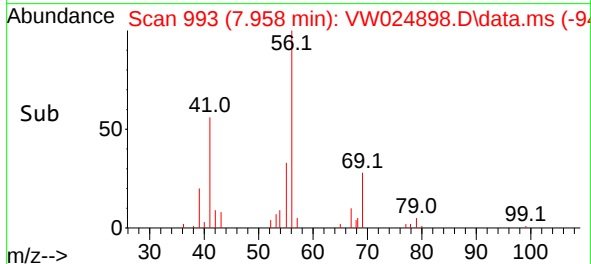
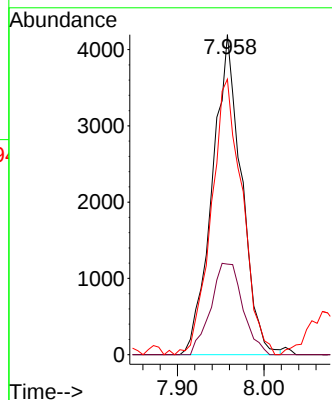
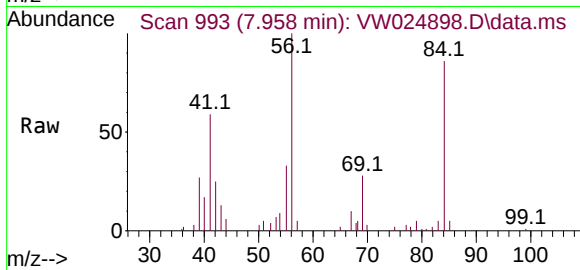




#29
Cyclohexane
Concen: 0.803 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

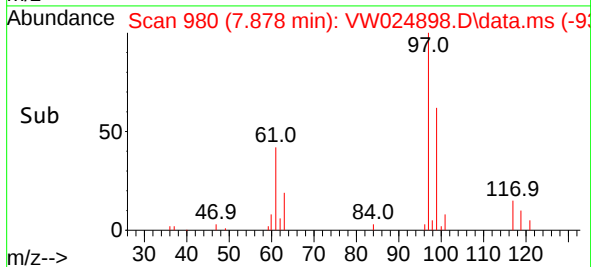
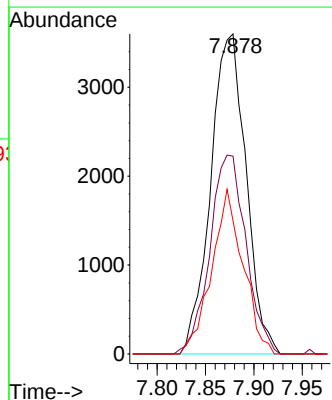
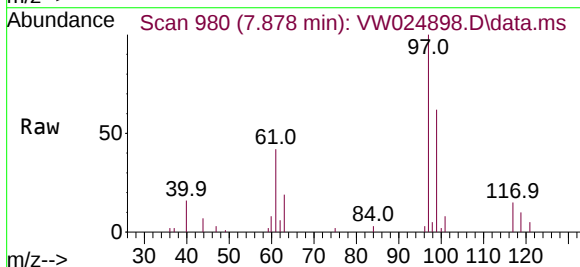
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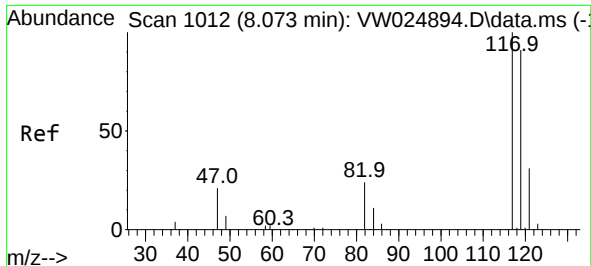
Tgt Ion:	56	Resp:	9829
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.2	36.2
84	91.0	67.7	101.5



#30
1,1,1-Trichloroethane
Concen: 0.945 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
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Tgt Ion:	97	Resp:	9163
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.2	76.8
61	45.7	37.3	55.9

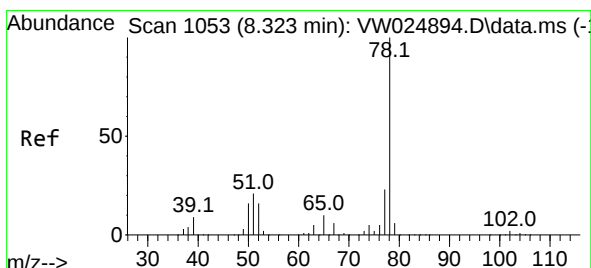
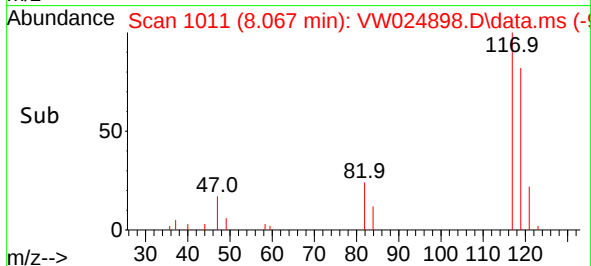
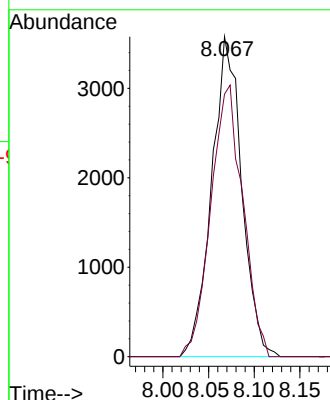
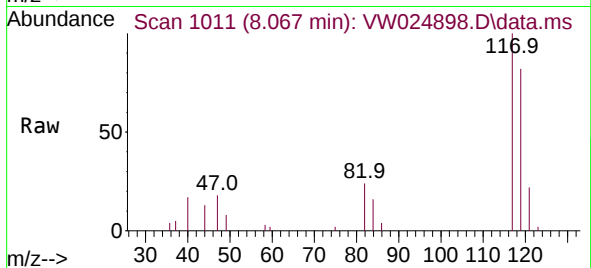




#31
Carbon tetrachloride
Concen: 0.960 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

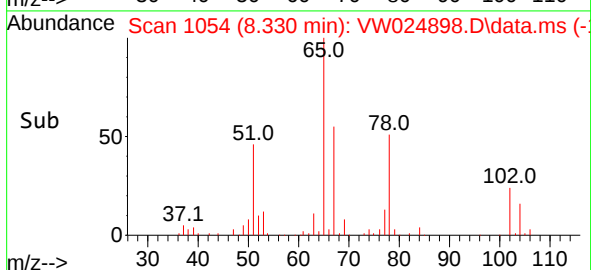
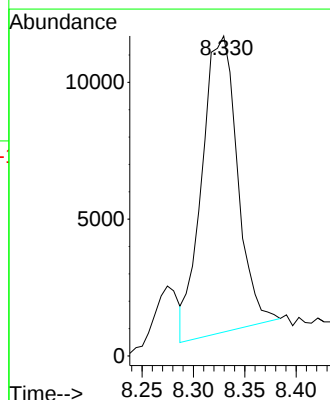
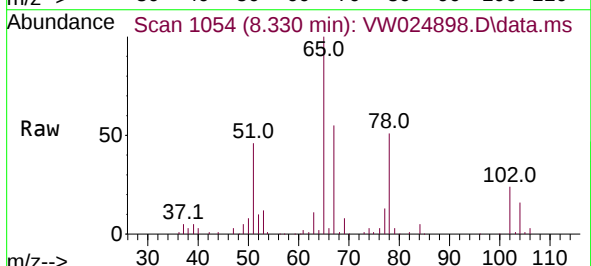
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

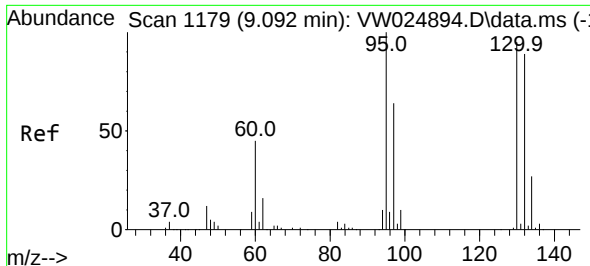
Tgt Ion:117 Resp: 8177
Ion Ratio Lower Upper
117 100
119 90.5 75.1 112.7



#33
Benzene
Concen: 0.912 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion: 78 Resp: 26171



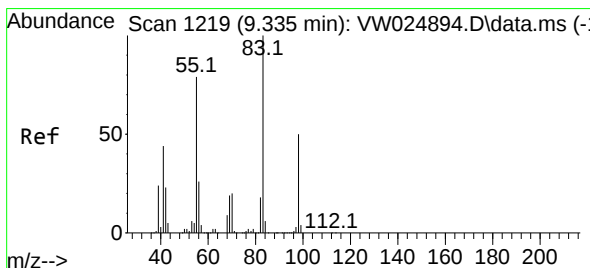
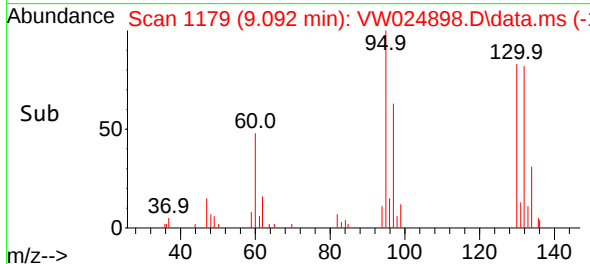
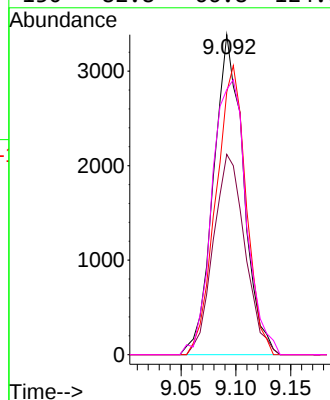
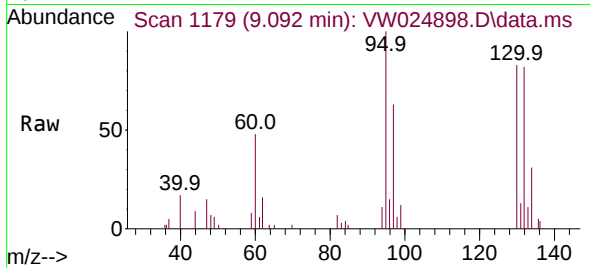


#34
Trichloroethene
Concen: 0.889 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

Tgt Ion: 95 Resp: 6425

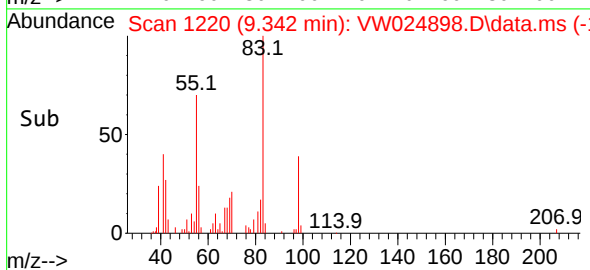
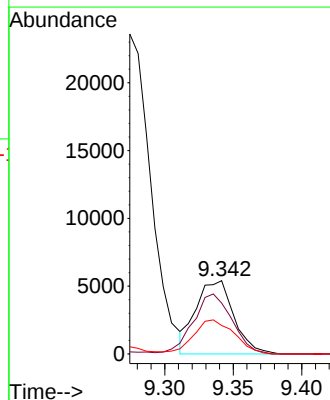
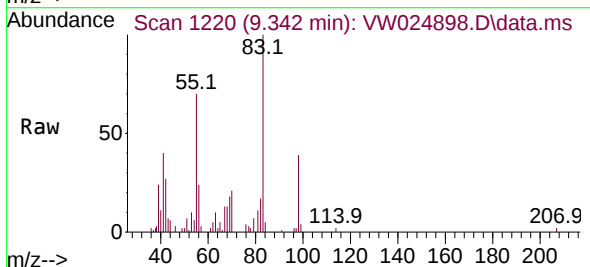
Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.2	82.0
132	82.0	62.9	116.7
130	82.8	66.8	124.0

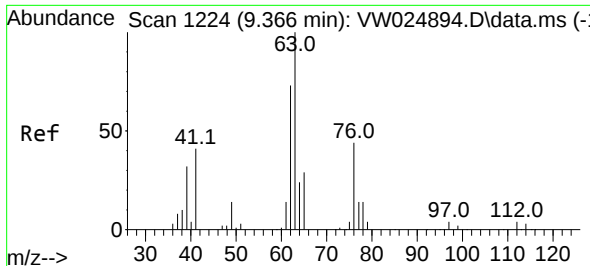


#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion: 83 Resp: 10426

Ion	Ratio	Lower	Upper
83	100		
55	83.7	62.5	93.7
98	49.8	37.2	55.8





#37

1,2-Dichloropropane

Concen: 0.975 ug/L

RT: 9.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

Instrument :

MSVOA_W

ClientSampleId :

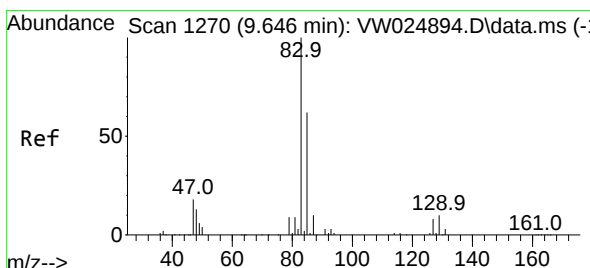
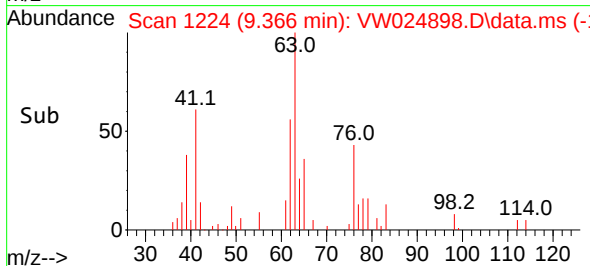
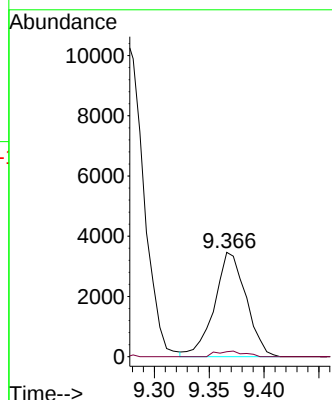
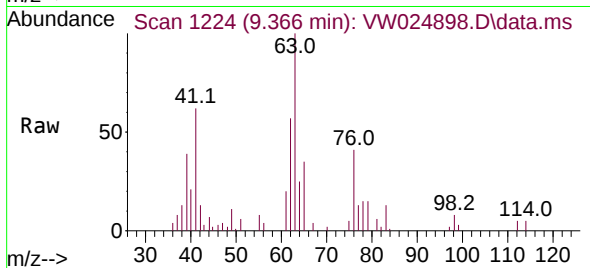
MDL 1 PPB

Tgt Ion: 63 Resp: 6968

Ion Ratio Lower Upper

63 100

112 1.3 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.950 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

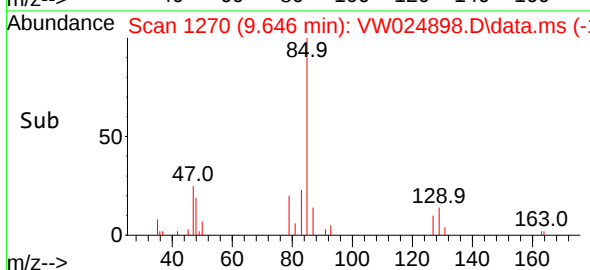
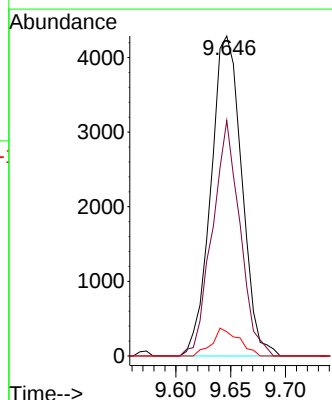
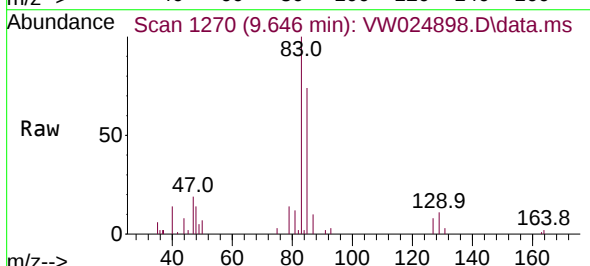
Tgt Ion: 83 Resp: 8390

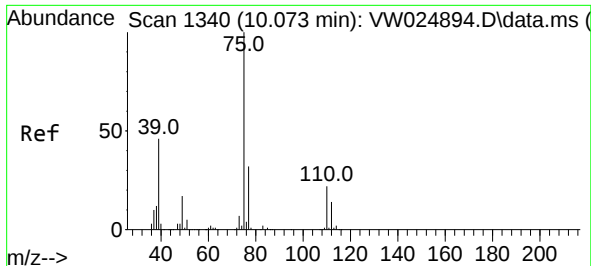
Ion Ratio Lower Upper

83 100

85 73.5 43.6 81.0

127 7.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 0.897 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

Instrument :

MSVOA_W

ClientSampleId :

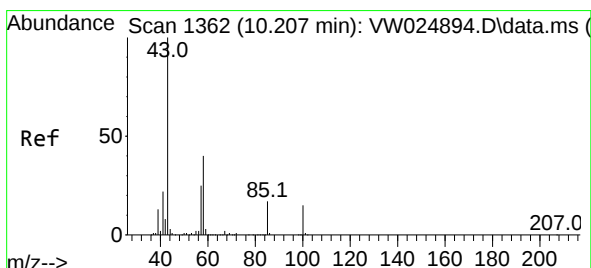
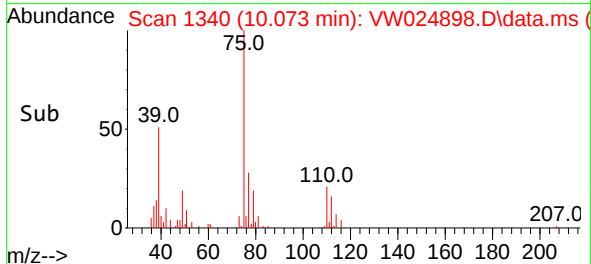
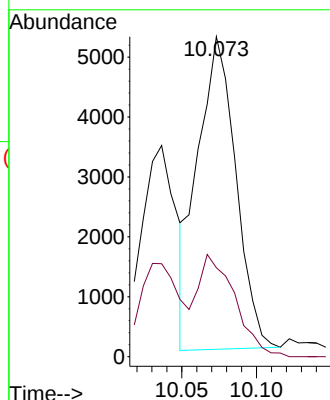
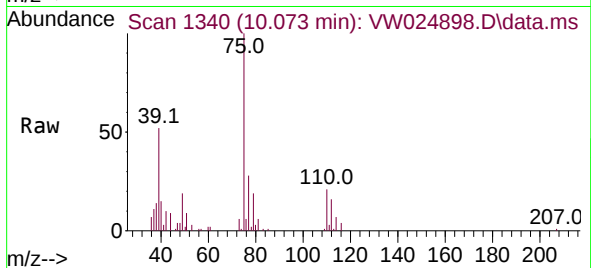
MDL 1 PPB

Tgt Ion: 75 Resp: 9273

Ion Ratio Lower Upper

75 100

77 27.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 2.087 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

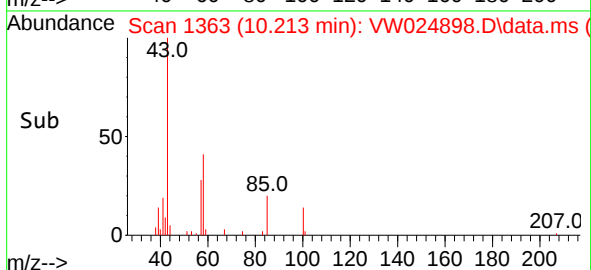
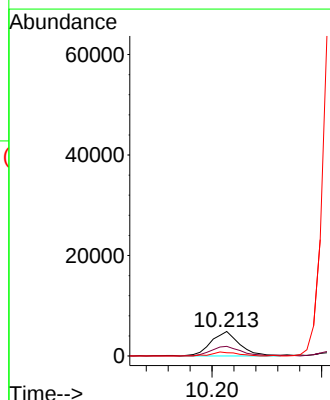
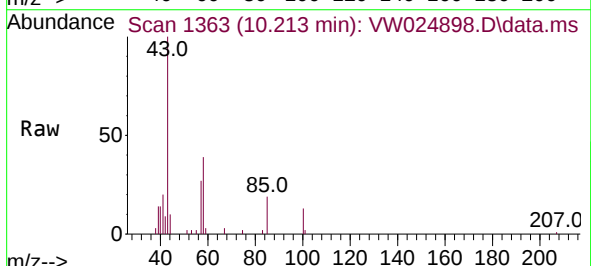
Tgt Ion: 43 Resp: 8819

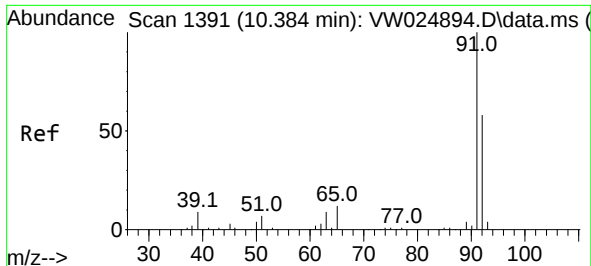
Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1

100 14.3 12.8 19.2

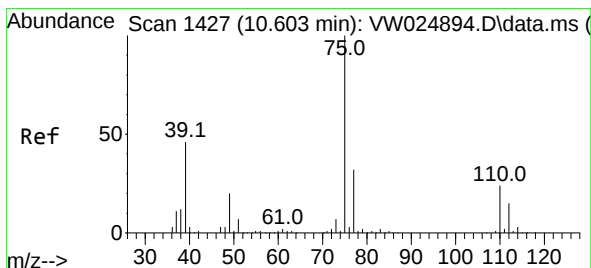
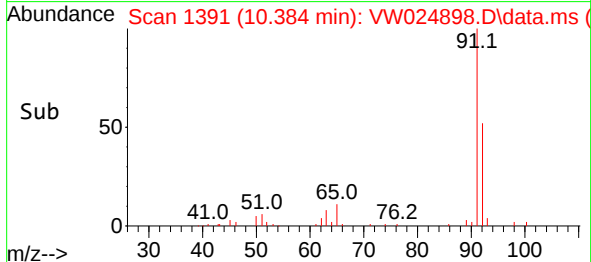
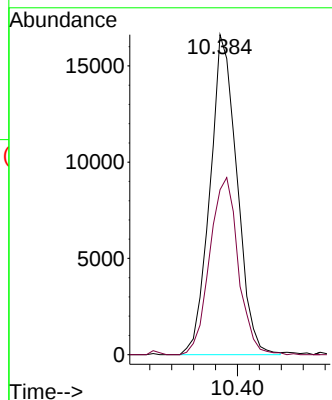
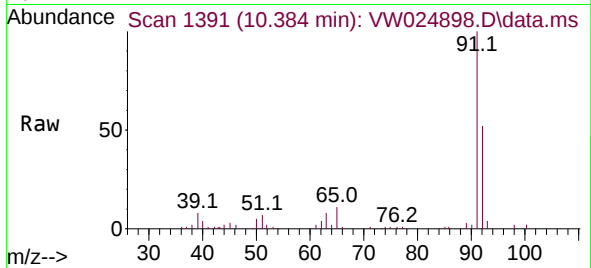




#42
Toluene
Concen: 0.967 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

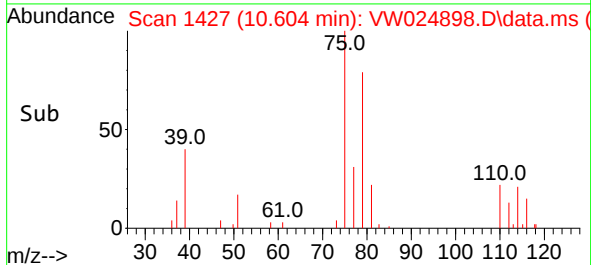
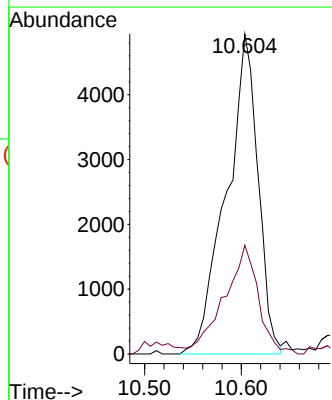
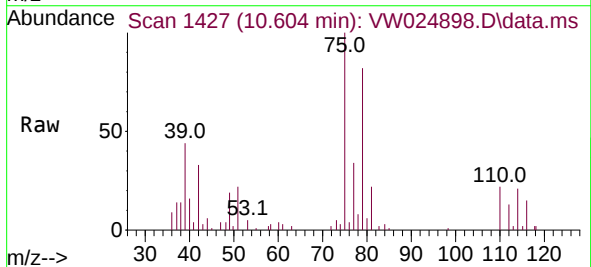
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

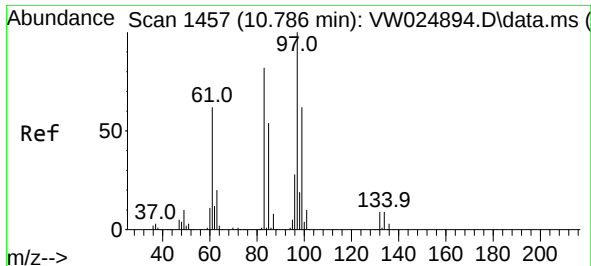
Tgt Ion: 91 Resp: 28450
Ion Ratio Lower Upper
91 100
92 51.6 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 1.307 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion: 75 Resp: 11216
Ion Ratio Lower Upper
75 100
77 34.0 23.0 42.6

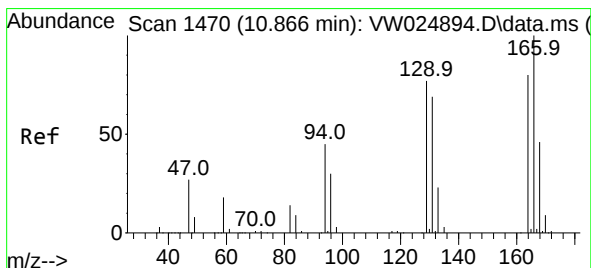
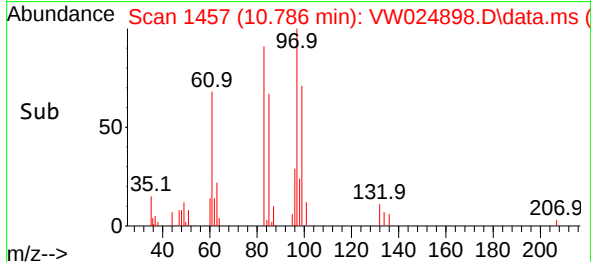
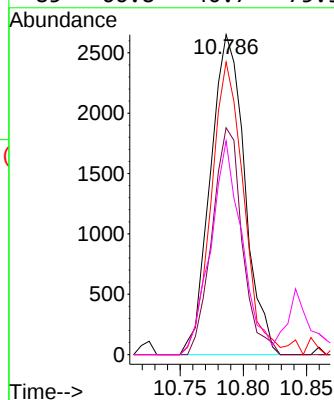
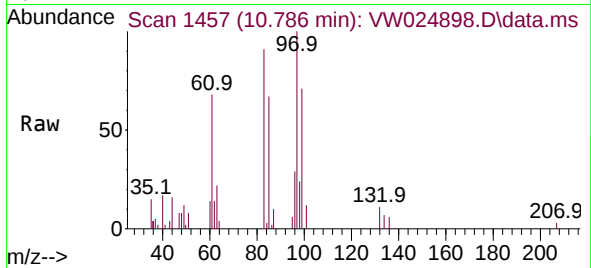




#45
1,1,2-Trichloroethane
Concen: 1.003 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

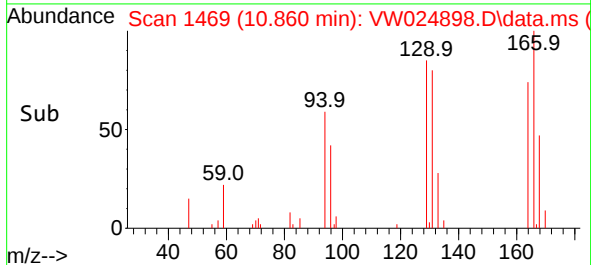
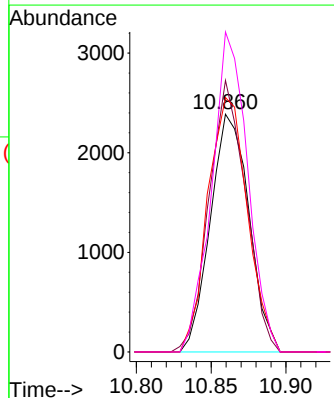
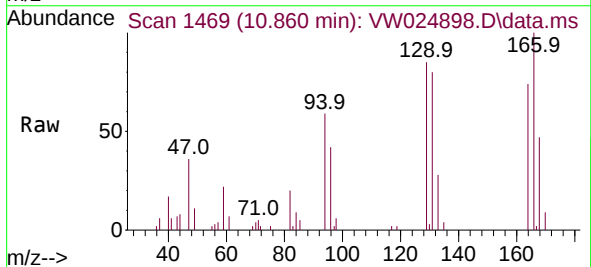
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

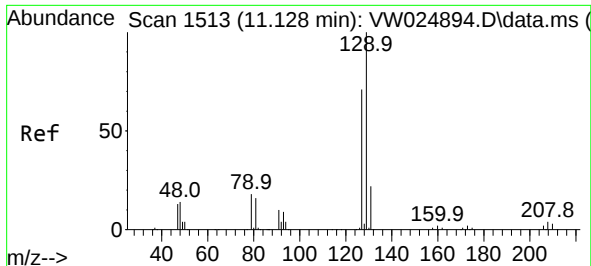
Tgt Ion: 97	Resp: 5007
Ion Ratio	Lower Upper
97 100	
99 70.9	44.7 83.1
83 91.4	59.6 110.8
85 66.8	40.7 75.5



#46
Tetrachloroethene
Concen: 0.872 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt	Ion:164	Resp:	4284
Ion	Ratio	Lower	Upper
164	100		
129	114.2	78.7	146.1
131	107.0	71.1	132.1
166	134.6	78.8	146.4





#49

Dibromochloromethane

Concen: 0.962 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

Instrument :

MSVOA_W

ClientSampleId :

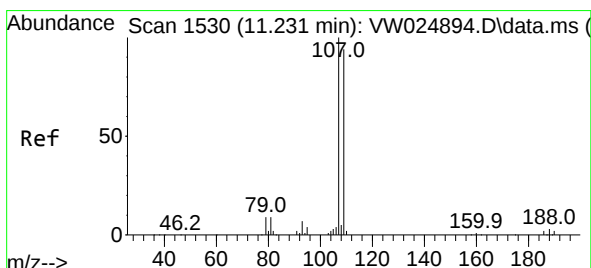
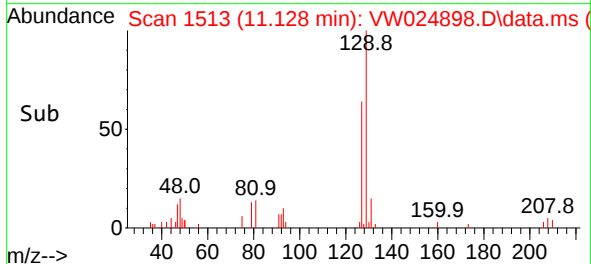
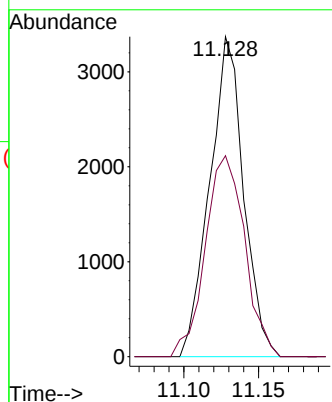
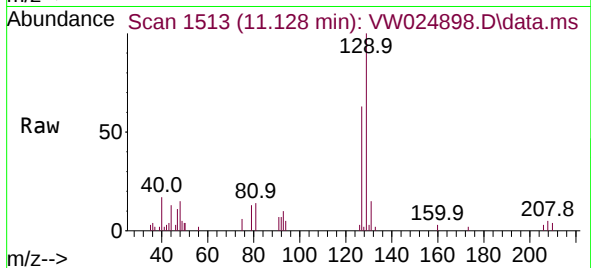
MDL 1 PPB

Tgt Ion:129 Resp: 5316

Ion Ratio Lower Upper

129 100

127 62.8 53.9 100.1



#50

1,2-Dibromoethane

Concen: 0.977 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

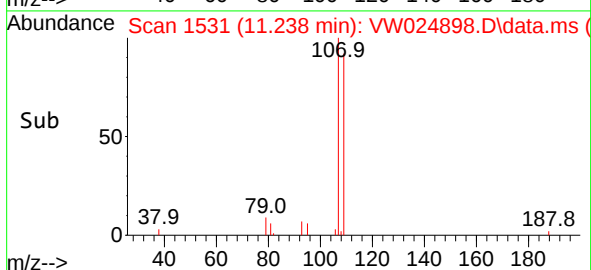
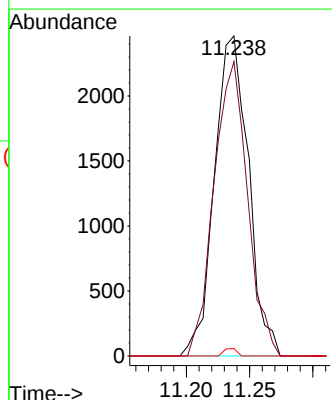
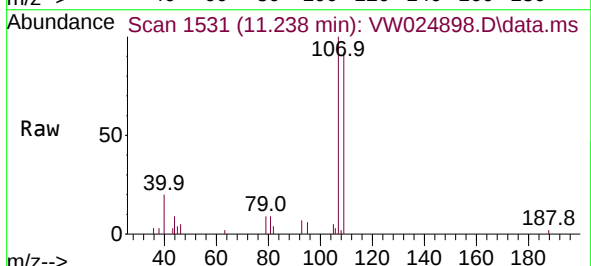
Tgt Ion:107 Resp: 4594

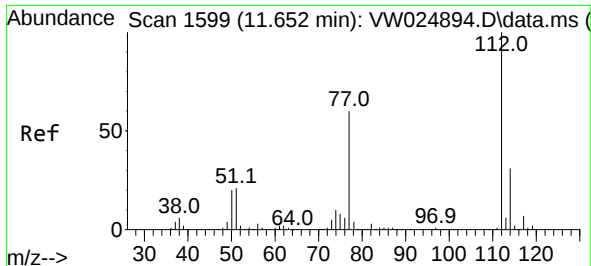
Ion Ratio Lower Upper

107 100

109 92.0 62.8 116.6

188 2.3 2.2 3.2

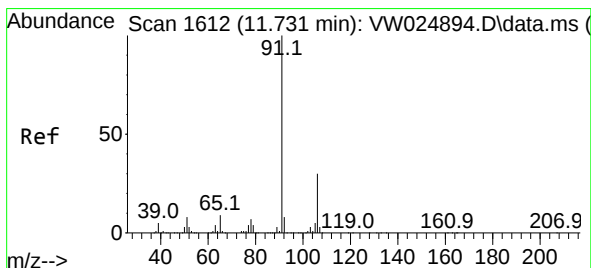
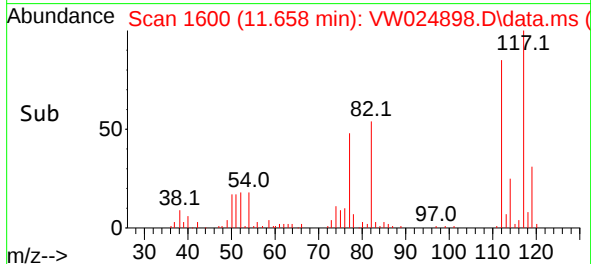
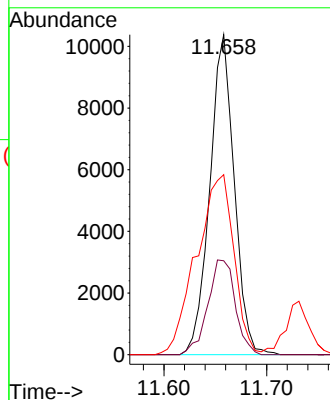
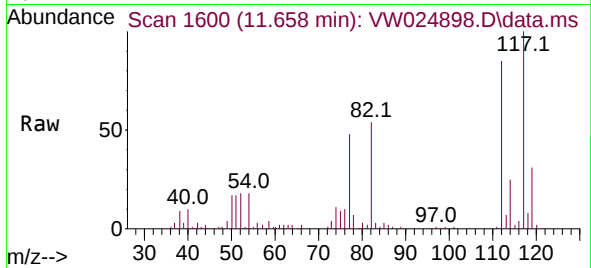




#51
Chlorobenzene
Concen: 0.930 ug/L
RT: 11.658 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

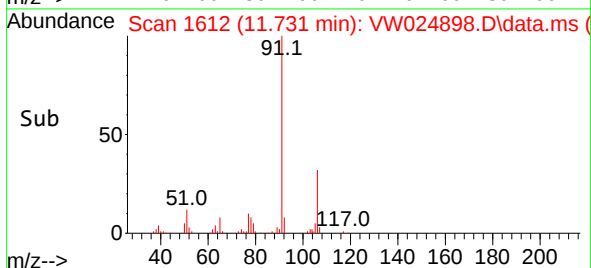
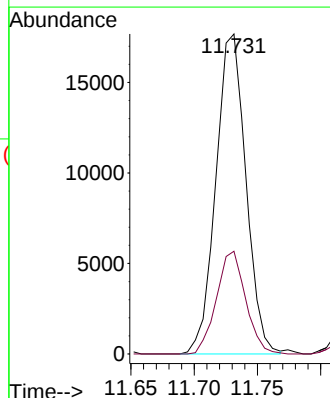
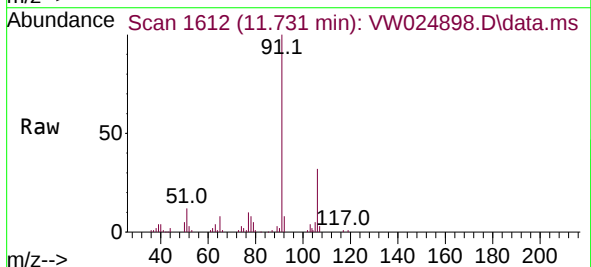
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

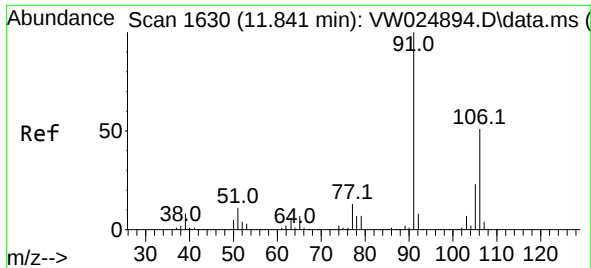
Tgt Ion:112	Resp:	17187
Ion Ratio	Lower	Upper
112	100	
114	29.3	22.7 42.3
77	56.3	49.8 74.8



#52
Ethylbenzene
Concen: 0.886 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion: 91	Resp:	29178
Ion Ratio	Lower	Upper
91	100	
106	32.1	20.1 37.3

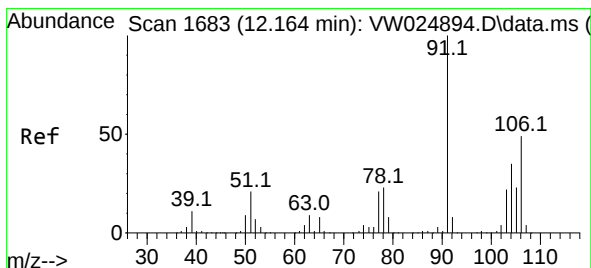
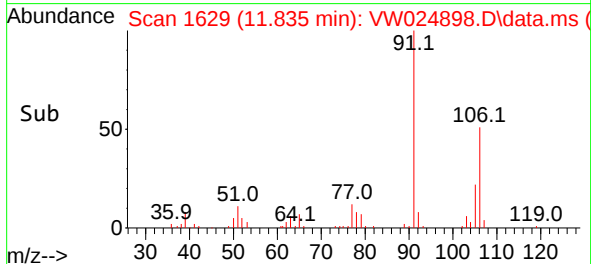
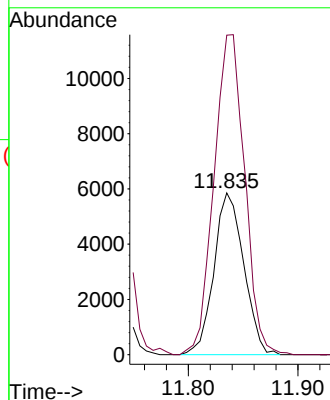
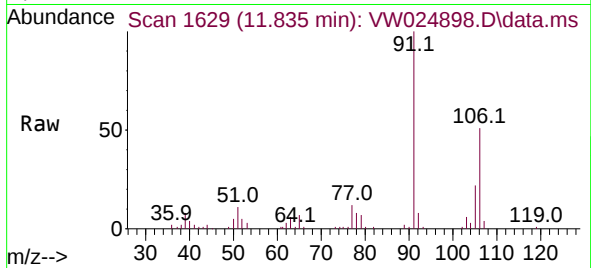




#53
m,p-Xylene
Concen: 0.885 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

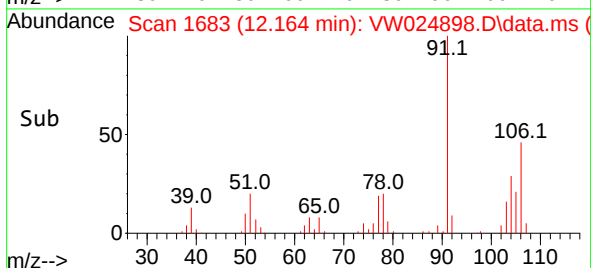
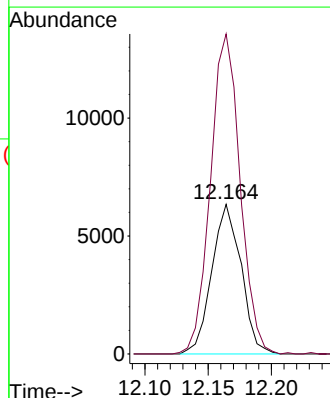
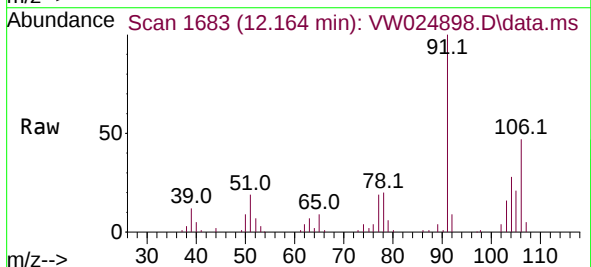
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

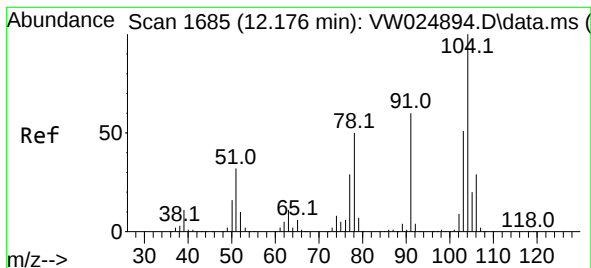
Tgt Ion:106 Resp: 11079
Ion Ratio Lower Upper
106 100
91 197.6 147.4 273.8



#54
o-Xylene
Concen: 0.858 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion:106 Resp: 10218
Ion Ratio Lower Upper
106 100
91 213.8 151.0 280.4





#55

Styrene

Concen: 0.872 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

Instrument :

MSVOA_W

ClientSampleId :

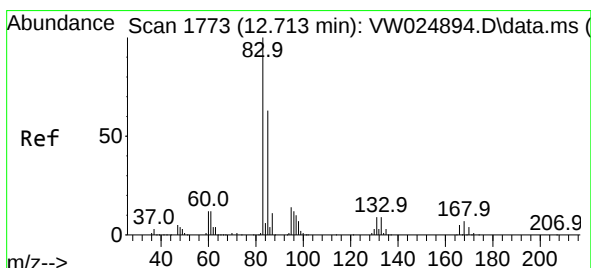
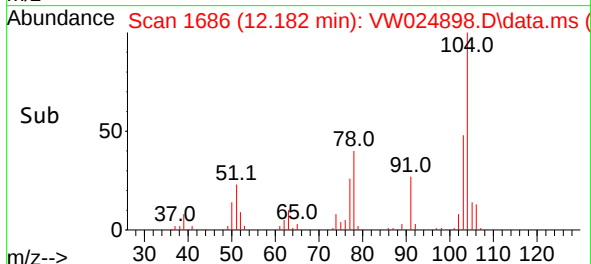
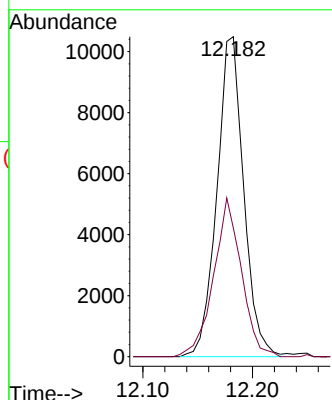
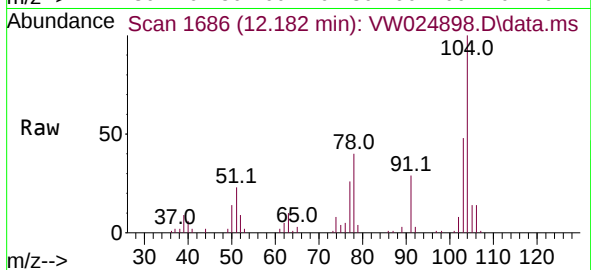
MDL 1 PPB

Tgt Ion:104 Resp: 17809

Ion Ratio Lower Upper

104 100

78 40.2 32.6 60.5



#57

1,1,2,2-Tetrachloroethane

Concen: 1.117 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

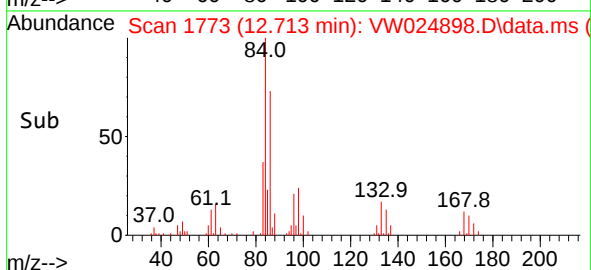
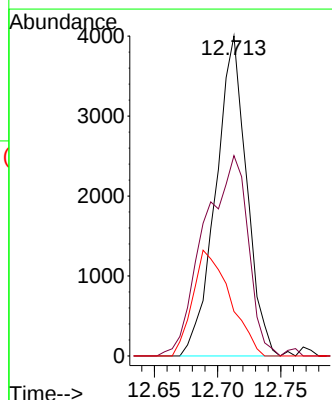
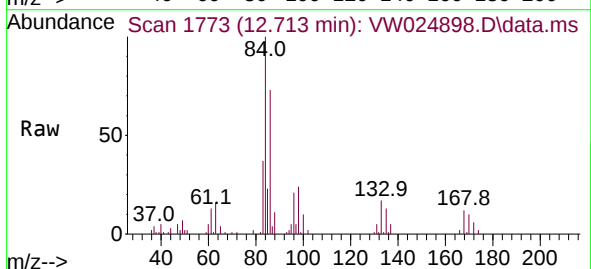
Tgt Ion: 83 Resp: 6803

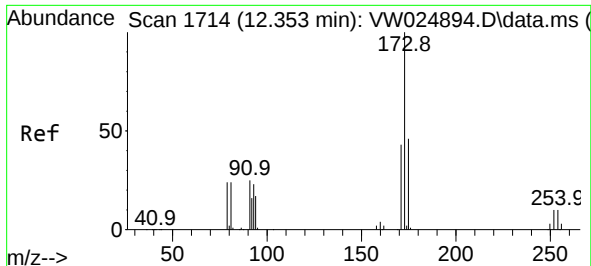
Ion Ratio Lower Upper

83 100

85 62.6 44.5 82.7

131 13.9 6.8 10.2#

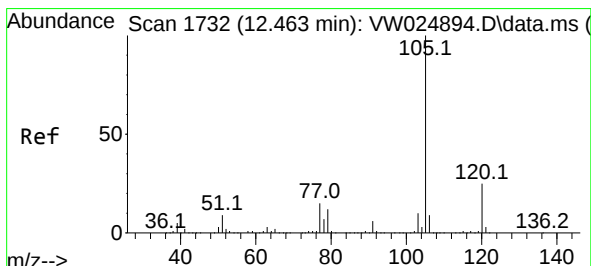
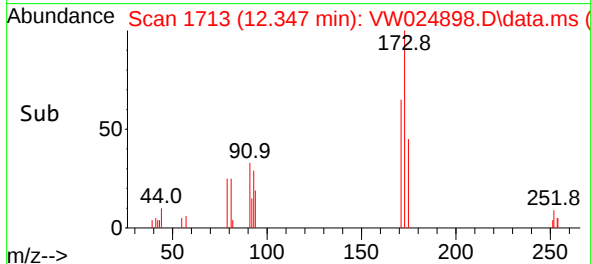
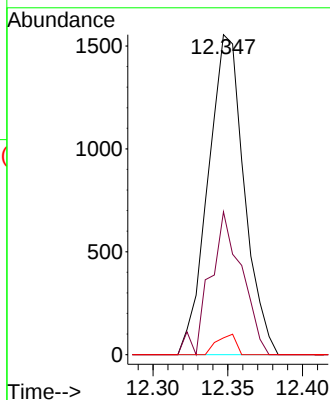
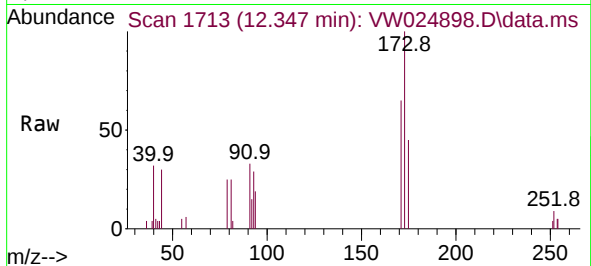




#59
Bromoform
Concen: 0.961 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

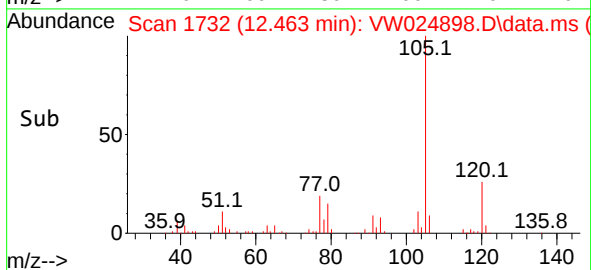
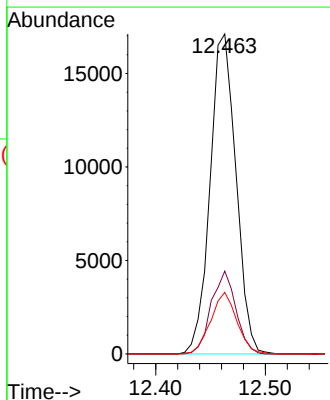
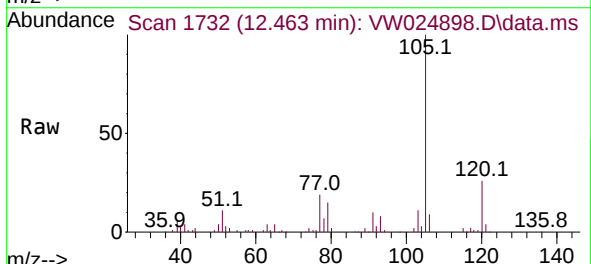
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

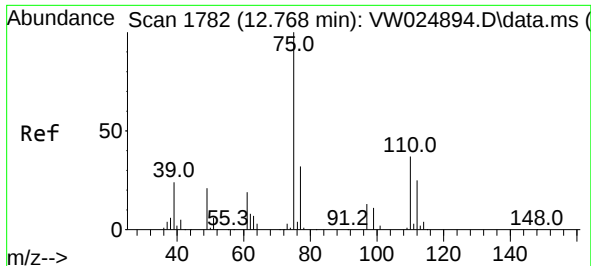
Tgt Ion:173 Resp: 2608
Ion Ratio Lower Upper
173 100
175 37.9 38.6 58.0#
254 3.3 4.8 7.2#



#60
Isopropylbenzene
Concen: 0.859 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion:105 Resp: 28110
Ion Ratio Lower Upper
105 100
120 24.7 20.5 30.7
77 19.4 12.6 19.0#

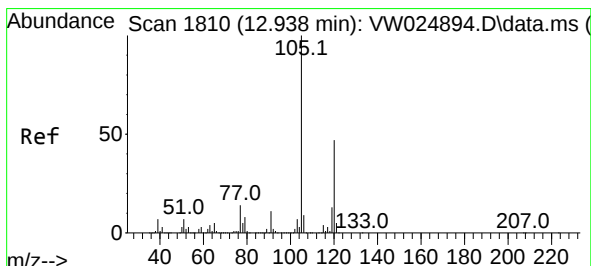
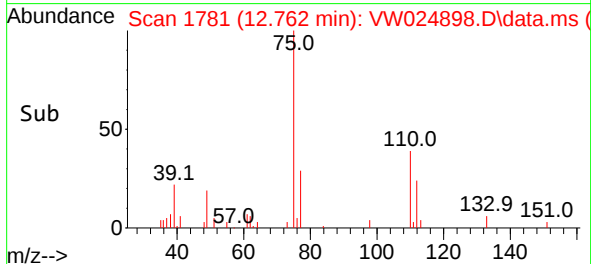
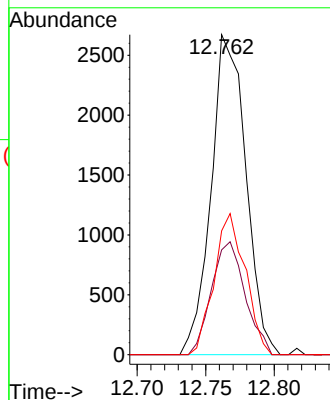
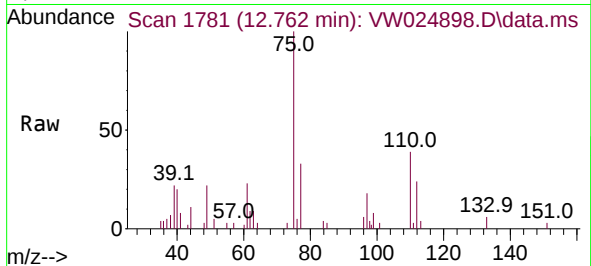




#61
1,2,3-Trichloropropane
Concen: 1.056 ug/L
RT: 12.762 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

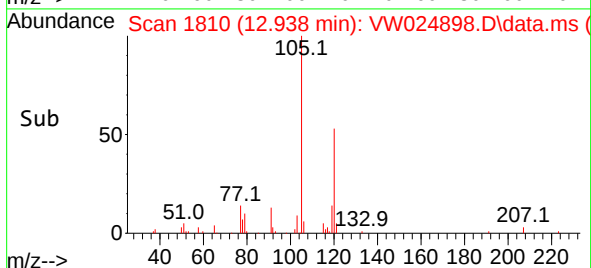
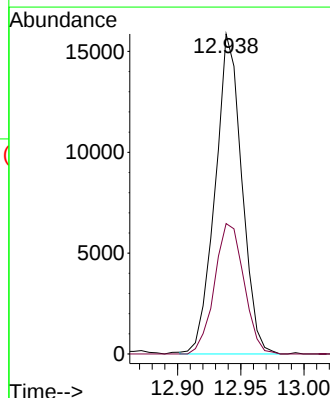
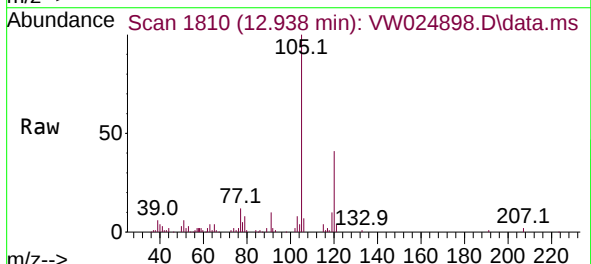
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

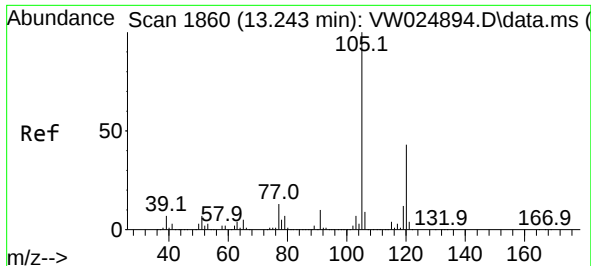
Tgt Ion: 75 Resp: 4711
Ion Ratio Lower Upper
75 100
77 34.3 26.4 39.6
110 39.7 30.8 46.2



#62
1,3,5-Trimethylbenzene
Concen: 0.828 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion:105 Resp: 23263
Ion Ratio Lower Upper
105 100
120 44.8 38.1 57.1

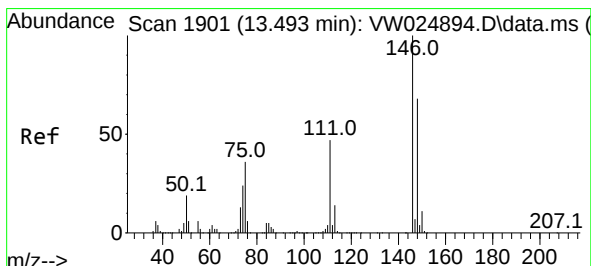
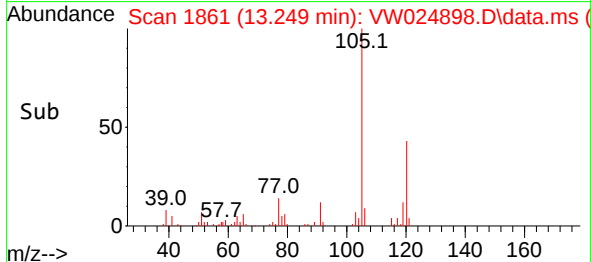
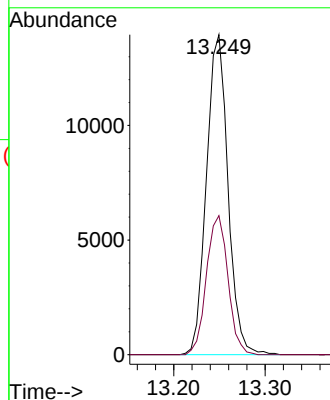
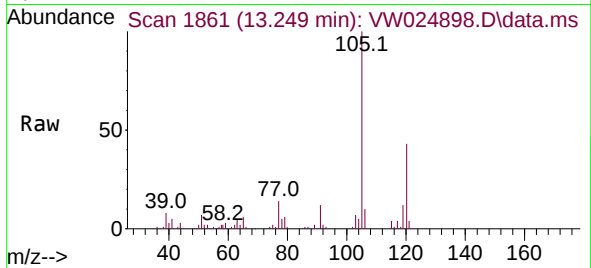




#63
1,2,4-Trimethylbenzene
Concen: 0.844 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

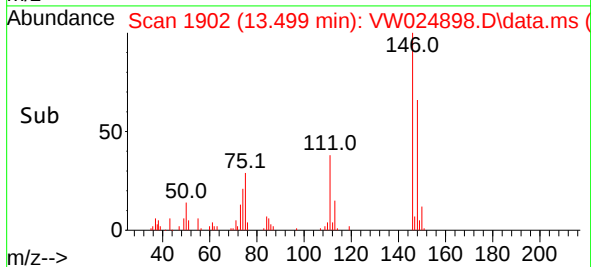
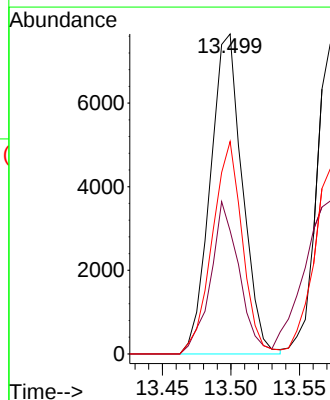
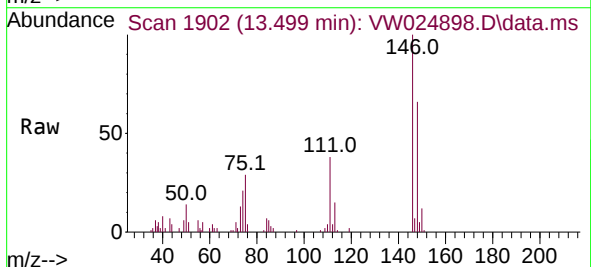
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

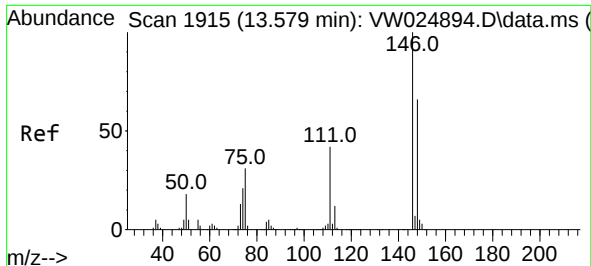
Tgt Ion:105 Resp: 22852
Ion Ratio Lower Upper
105 100
120 43.4 34.8 52.2



#64
1,3-Dichlorobenzene
Concen: 0.934 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion:146 Resp: 12449
Ion Ratio Lower Upper
146 100
111 38.5 31.7 58.9
148 66.4 45.5 84.5

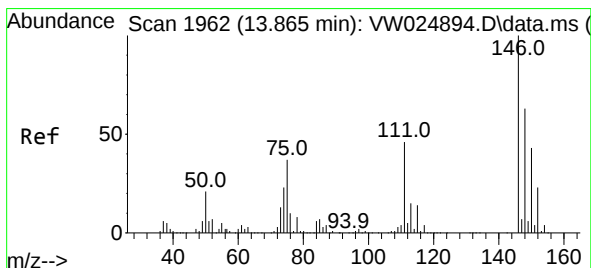
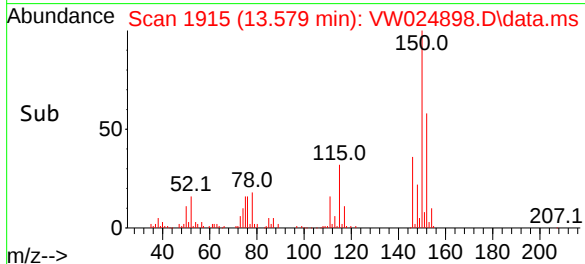
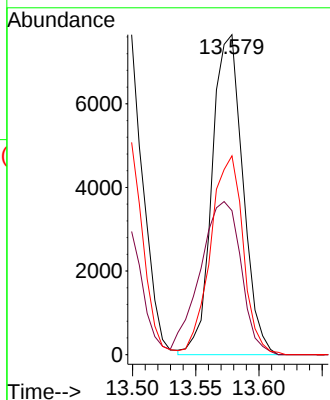
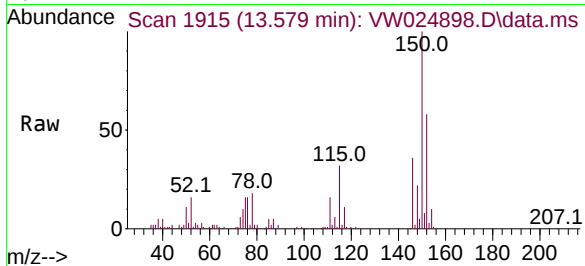




#65
1,4-Dichlorobenzene
Concen: 0.959 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

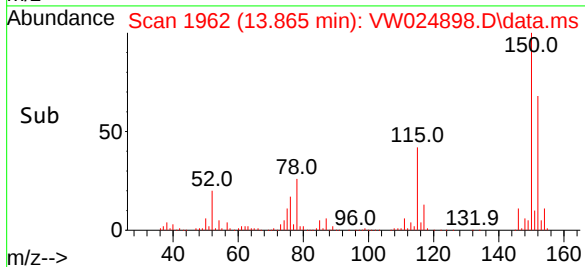
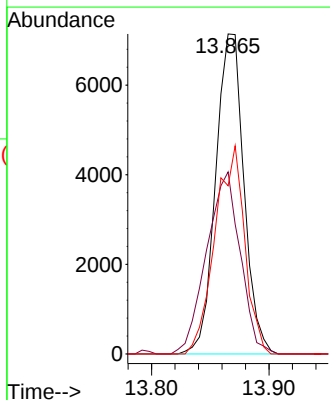
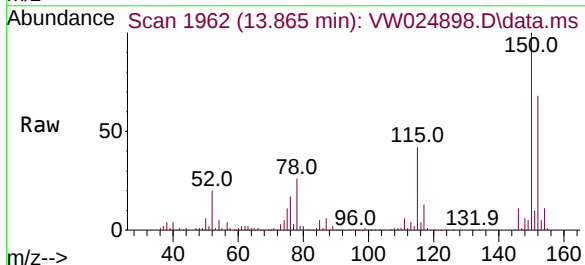
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

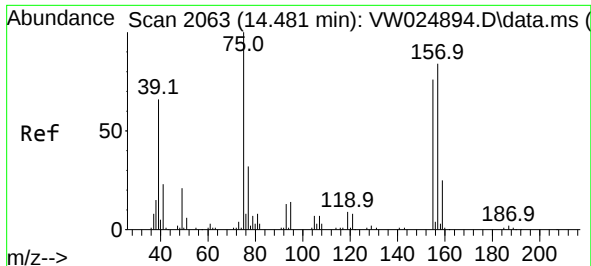
Tgt Ion:146 Resp: 12941
Ion Ratio Lower Upper
146 100
111 45.0 27.4 50.8
148 62.2 42.8 79.6



#67
1,2-Dichlorobenzene
Concen: 1.009 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024898.D
Acq: 13 Oct 2022 12:10

Tgt Ion:146 Resp: 11956
Ion Ratio Lower Upper
146 100
111 56.9 36.9 55.3#
148 52.5 50.0 75.0





#68

1,2-Dibromo-3-chloropropane

Concen: 1.109 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

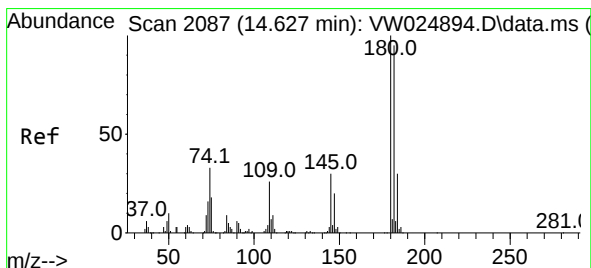
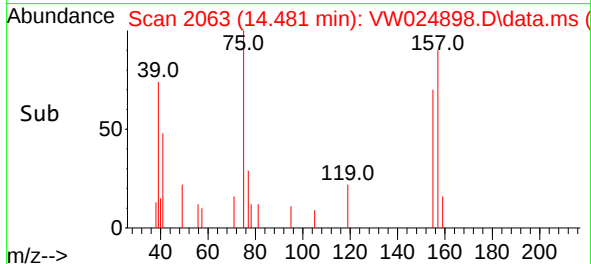
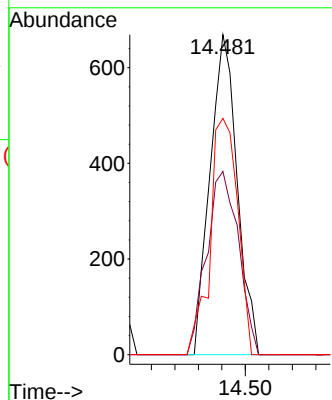
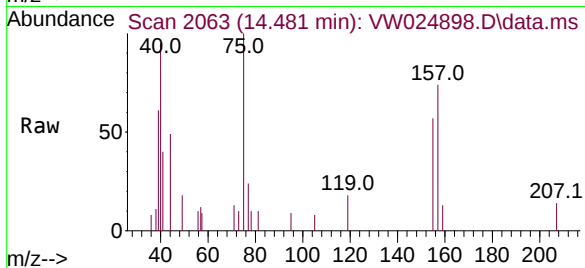
Tgt Ion: 75 Resp: 1075

Ion Ratio Lower Upper

75 100

155 57.2 56.2 84.4

157 73.8 74.6 111.8#



#69

1,3,5-Trichlorobenzene

Concen: 0.921 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

Tgt Ion:180 Resp: 8011

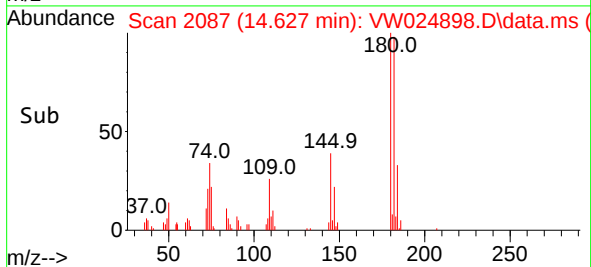
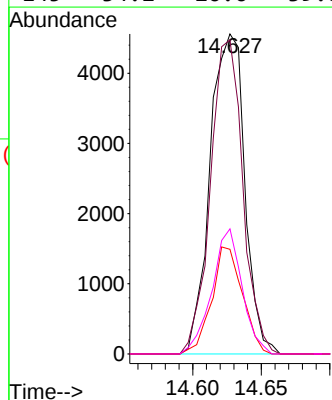
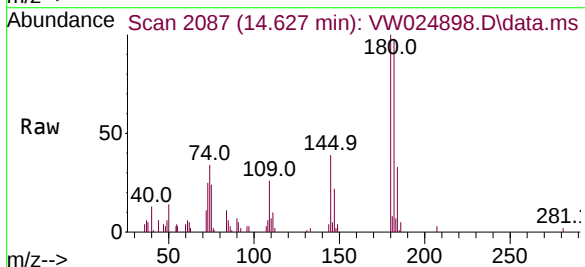
Ion Ratio Lower Upper

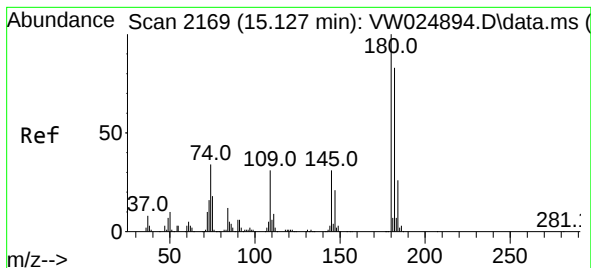
180 100

182 91.6 75.0 112.6

184 29.8 22.9 34.3

145 34.2 26.6 39.8





#70

1,2,4-trichlorobenzene

Concen: 0.858 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

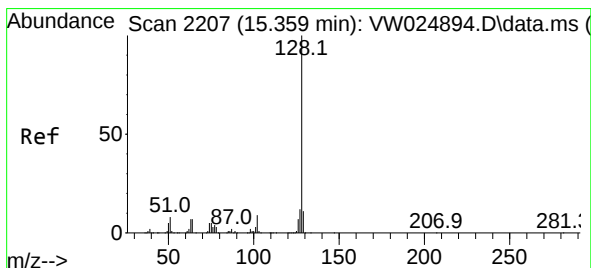
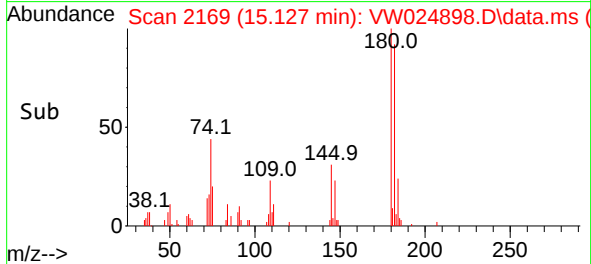
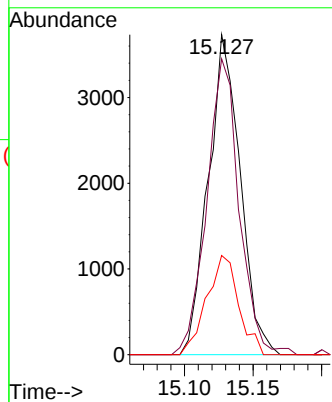
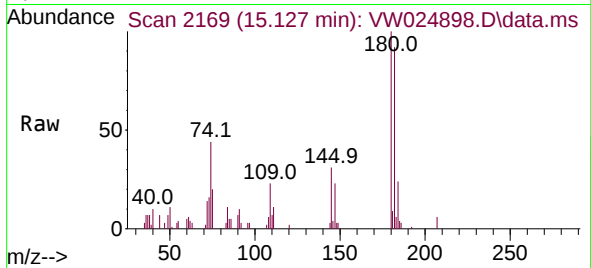
Tgt Ion:180 Resp: 6054

Ion Ratio Lower Upper

180 100

182 92.7 77.7 116.5

145 31.0 29.0 43.4



#71

Naphthalene

Concen: 0.822 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW024898.D

Acq: 13 Oct 2022 12:10

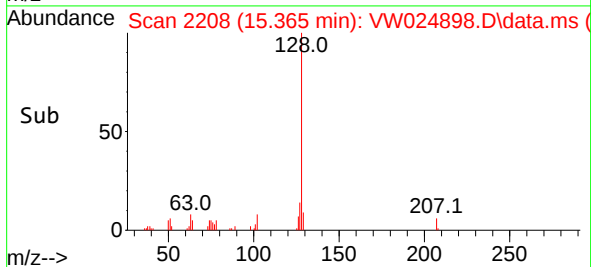
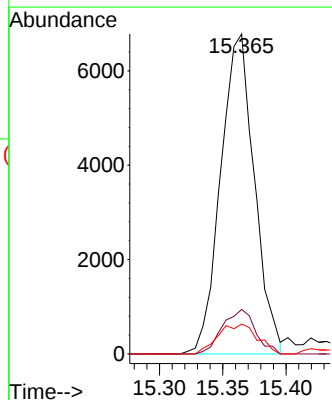
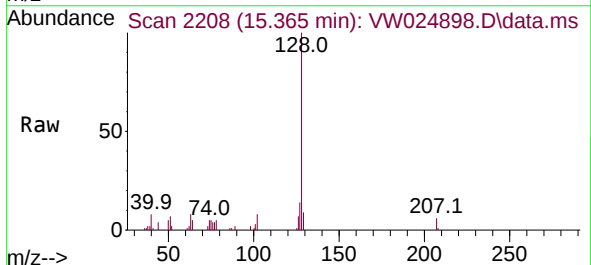
Tgt Ion:128 Resp: 12575

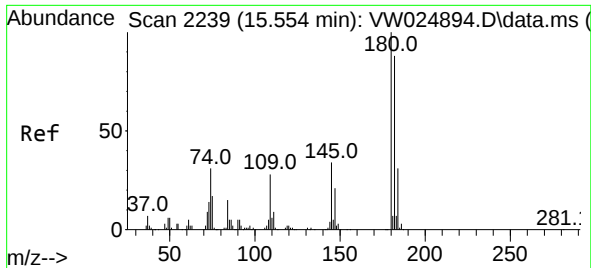
Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

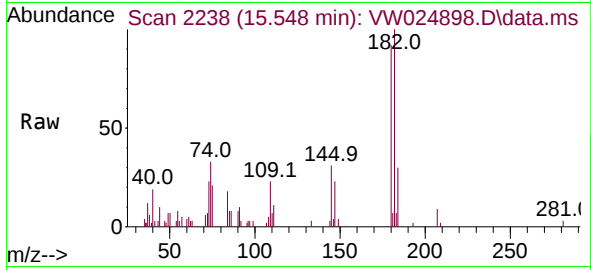
129 10.9 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.842 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW024898.D
 Acq: 13 Oct 2022 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1 PPB



Tgt Ion:	180	Resp:	5072
Ion	Ratio	Lower	Upper
180	100		
182	102.6	75.1	112.7
145	36.3	29.9	44.9

