

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031073.D
 Acq On : 20 Nov 2024 16:56
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 03:52:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	401480	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	366335	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	185228	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	25238	5.157	ug/L	0.00
7) Chloroethane-d5	2.899	69	18750	4.854	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	11516	4.762	ug/L	0.00
21) 2-Butanone-d5	7.081	46	9460	8.395	ug/L	0.00
24) Chloroform-d	7.648	84	50498	4.630	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	24519	4.601	ug/L	0.00
32) Benzene-d6	8.276	84	95390	4.598	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	28354	4.635	ug/L	0.00
41) Toluene-d8	10.319	98	82543	4.367	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	10898	4.279	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6679	7.597	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	21404	4.594	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	29547	4.564	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	23856	5.012	ug/L	90
3) Chloromethane	2.223	50	28988	4.948	ug/L	99
5) Vinyl chloride	2.375	62	34245	5.676	ug/L	100
6) Bromomethane	2.790	94	23048	5.470	ug/L	93
8) Chloroethane	2.930	64	19658	5.432	ug/L	98
9) Trichlorofluoromethane	3.265	101	42310	5.070	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	15784	2.793	ug/L #	33
12) 1,1-Dichloroethene	4.045	96	28835	5.249	ug/L	85
13) Acetone	4.125	43	12232	8.291	ug/L	94
14) Carbon disulfide	4.387	76	93245	5.229	ug/L	99
15) Methyl Acetate	4.673	43	10541	5.379	ug/L	99
16) Methylene chloride	4.923	84	30829	5.364	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	30635	5.133	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	40091	4.662	ug/L	99
19) 1,1-Dichloroethane	6.216	63	54046	5.168	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	30633	4.865	ug/L	96
22) 2-Butanone	7.167	43	14500	8.014	ug/L	98
23) Bromochloromethane	7.514	128	14726	5.220	ug/L	90
25) Chloroform	7.673	83	57098	5.223	ug/L	94
27) 1,2-Dichloroethane	8.398	62	33769	5.183	ug/L	99
29) Cyclohexane	7.953	56	43420	5.067	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	47618	5.359	ug/L	100
31) Carbon tetrachloride	8.069	117	43494	5.383	ug/L	98
33) Benzene	8.325	78	124359	5.303	ug/L	100
34) Trichloroethene	9.087	95	33942	5.343	ug/L	95
35) Methylcyclohexane	9.337	83	52073	5.101	ug/L	97
37) 1,2-Dichloropropane	9.362	63	32078	5.487	ug/L	97
38) Bromodichloromethane	9.642	83	38589	5.244	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	42746	4.851	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	25514	9.275	ug/L	98
42) Toluene	10.386	91	128236	5.178	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	34951	4.912	ug/L	97

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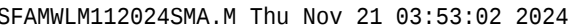
Instrument :
 MSVOA_W
 ClientSampleId :

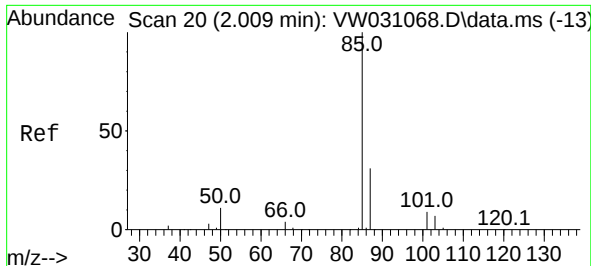
Quant Time: Nov 21 03:52:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	22471	5.284	ug/L	97
46) Tetrachloroethene	10.861	164	27546	5.423	ug/L	96
48) 2-Hexanone	10.965	43	19138	8.799	ug/L	94
49) Dibromochloromethane	11.129	129	23981	5.071	ug/L	94
50) 1,2-Dibromoethane	11.233	107	21030	5.197	ug/L	92
51) Chlorobenzene	11.654	112	87853	5.425	ug/L	97
52) Ethylbenzene	11.727	91	142083	5.117	ug/L	95
53) m,p-Xylene	11.837	106	54889	5.180	ug/L	85
54) o-Xylene	12.166	106	49582	4.978	ug/L	90
55) Styrene	12.178	104	85700	5.056	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	24899	5.249	ug/L	93
59) Bromoform	12.349	173	13591	4.903	ug/L	98
60) Isopropylbenzene	12.459	105	137596	5.099	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	17477	5.154	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	104145	4.892	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	102968	4.904	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	64682	5.255	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	68309	5.334	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	59127	5.359	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	3709	5.004	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	44922	5.339	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	33876	5.035	ug/L	97
71) Naphthalene	15.360	128	48535	4.266	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	30206	5.044	ug/L	97

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

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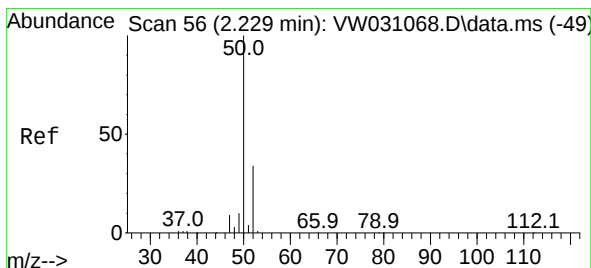
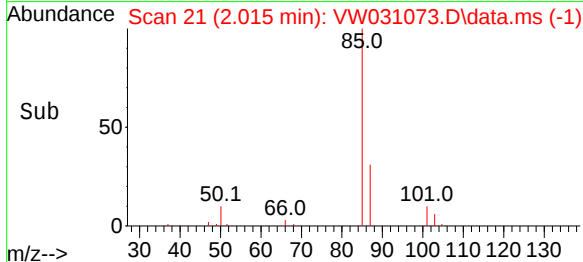
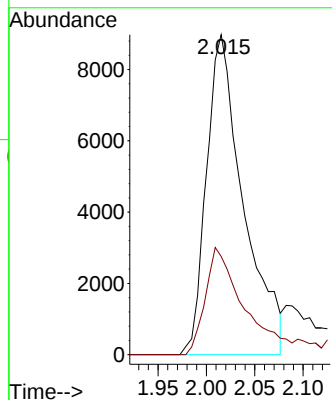
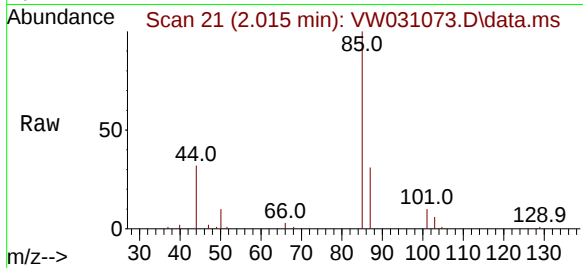




#2
Dichlorodifluoromethane
Concen: 5.012 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

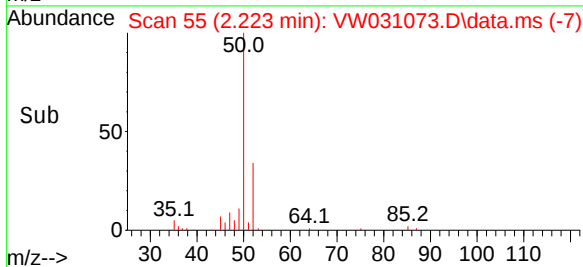
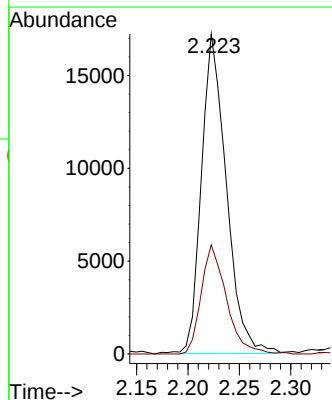
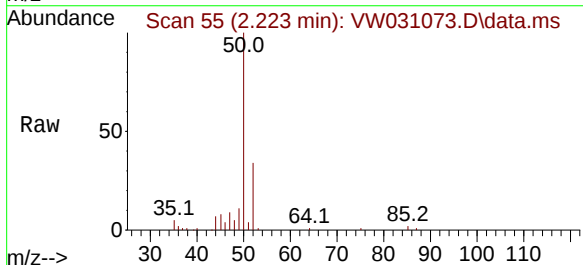
Instrument :
MSVOA_W
ClientSampleId :

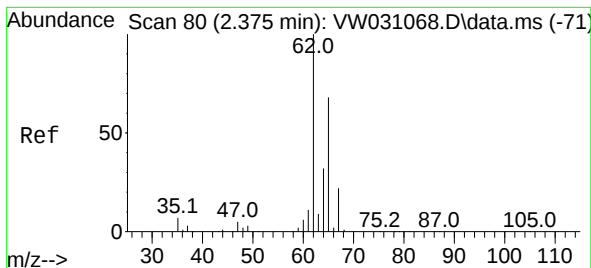
Tgt Ion: 85 Resp: 23856
Ion Ratio Lower Upper
85 100
87 34.8 23.8 35.6



#3
Chloromethane
Concen: 4.948 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

Tgt Ion: 50 Resp: 28988
Ion Ratio Lower Upper
50 100
52 34.1 23.4 43.6





#5

Vinyl chloride

Concen: 5.676 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

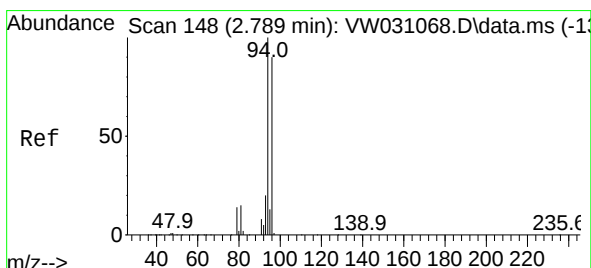
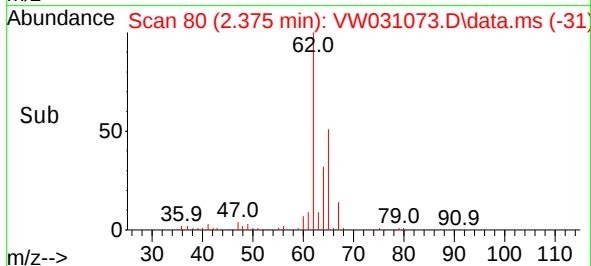
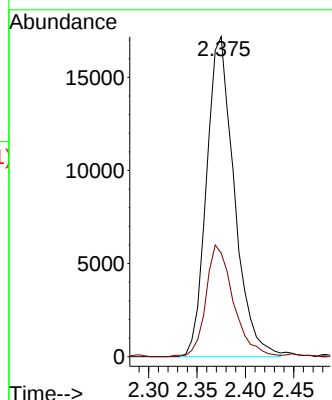
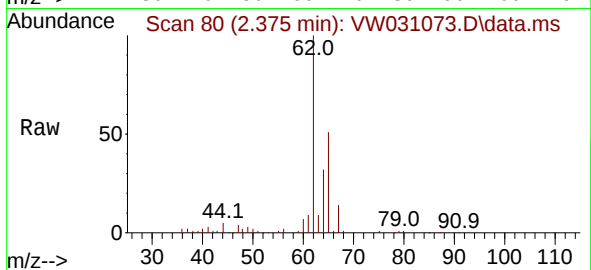
ClientSampleId :

Tgt Ion: 62 Resp: 34245

Ion Ratio Lower Upper

62 100

64 32.4 22.7 42.1



#6

Bromomethane

Concen: 5.470 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031073.D

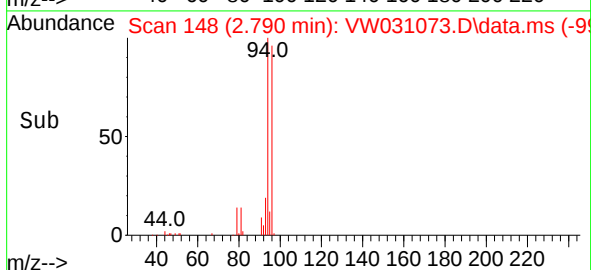
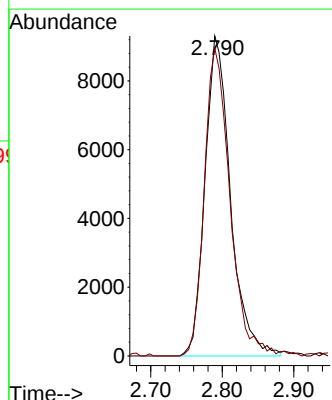
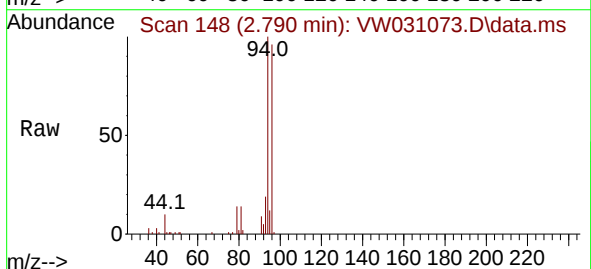
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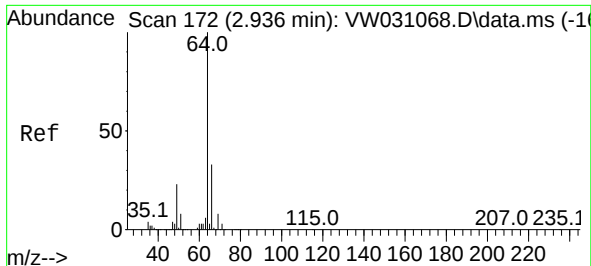
Tgt Ion: 94 Resp: 23048

Ion Ratio Lower Upper

94 100

96 96.2 62.6 116.3

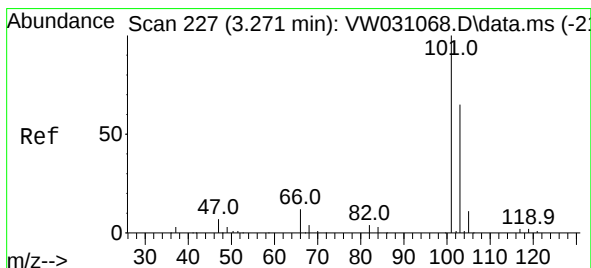
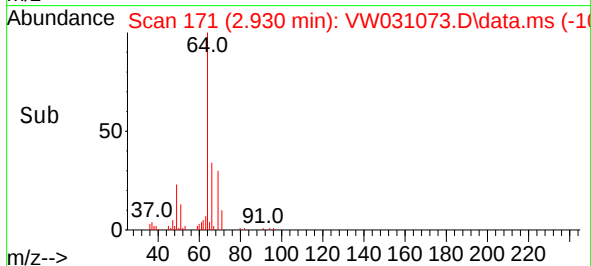
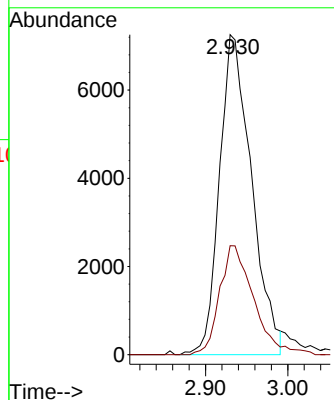
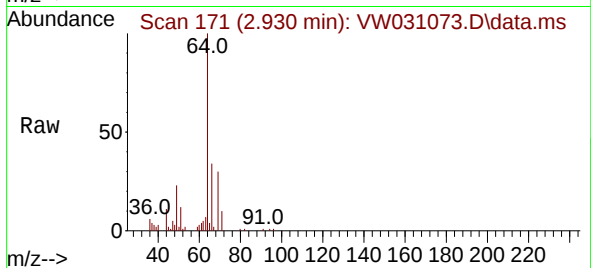




#8
Chloroethane
Concen: 5.432 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

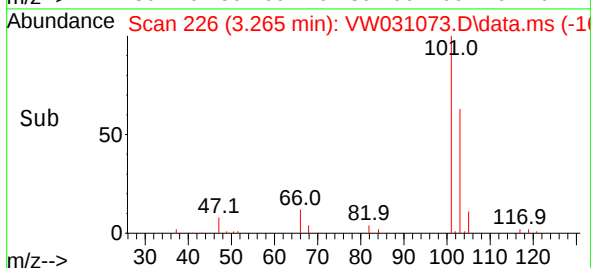
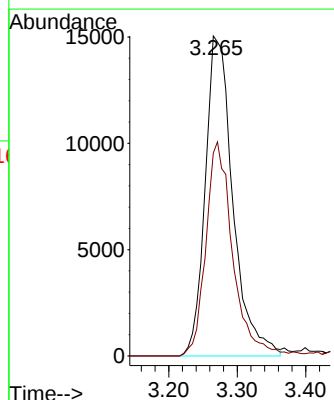
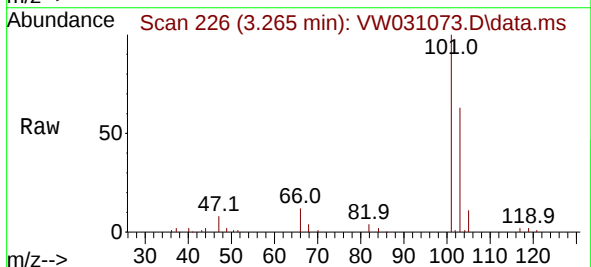
Instrument :
MSVOA_W
ClientSampleId :

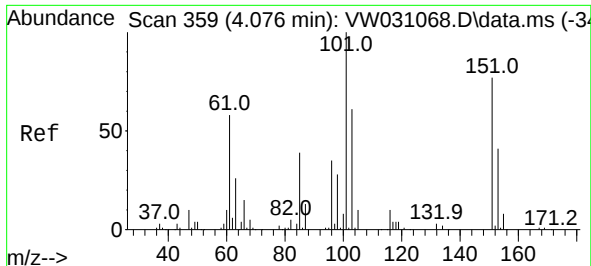
Tgt Ion: 64 Resp: 19658
Ion Ratio Lower Upper
64 100
66 34.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.070 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

Tgt Ion:101 Resp: 42310
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.793 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

ClientSampleId :

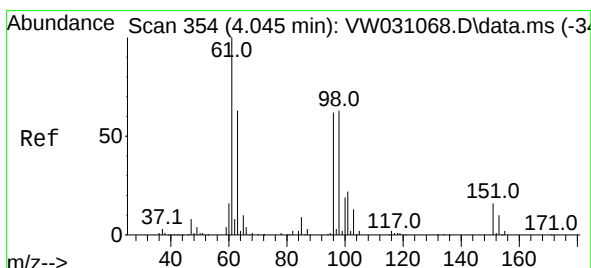
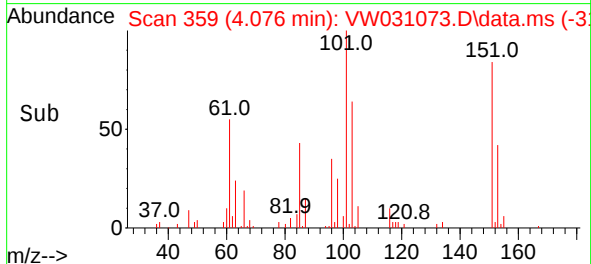
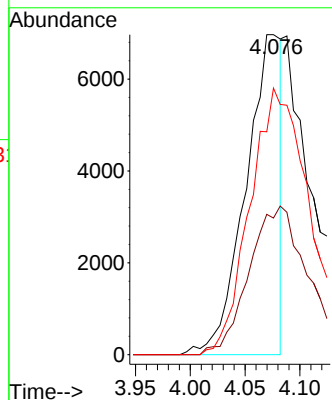
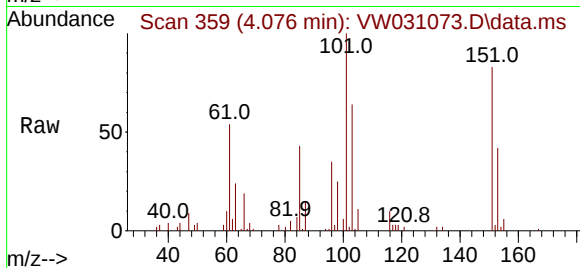
Tgt Ion:101 Resp: 15784

Ion Ratio Lower Upper

101 100

85 72.8 33.9 50.9#

151 144.6 61.8 92.6#



#12

1,1-Dichloroethene

Concen: 5.249 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

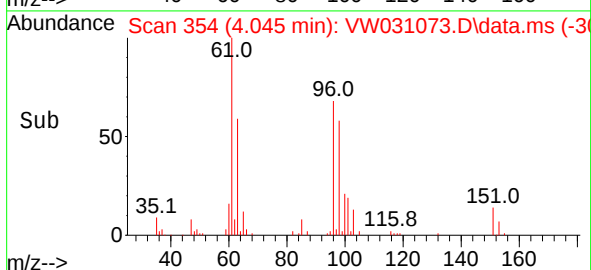
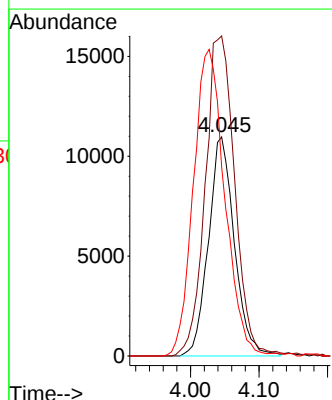
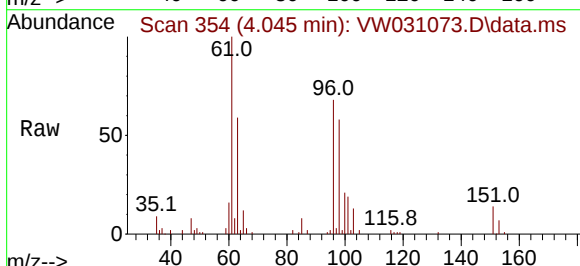
Tgt Ion: 96 Resp: 28835

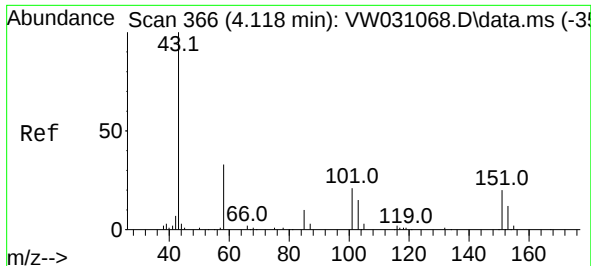
Ion Ratio Lower Upper

96 100

61 146.1 113.5 210.9

63 86.4 73.8 137.2





#13

Acetone

Concen: 8.291 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

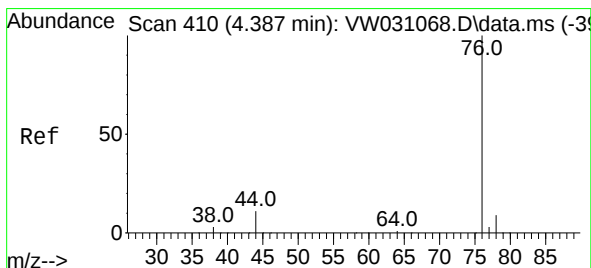
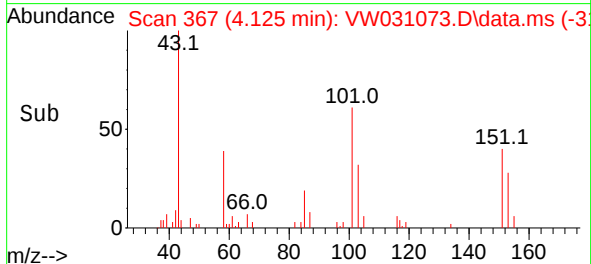
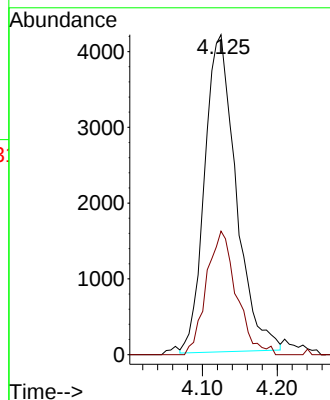
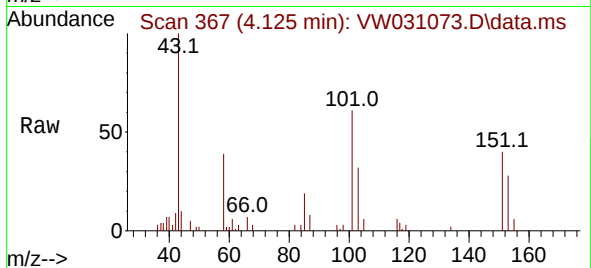
ClientSampleId :

Tgt Ion: 43 Resp: 12232

Ion Ratio Lower Upper

43 100

58 36.9 0.0 67.2



#14

Carbon disulfide

Concen: 5.229 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW031073.D

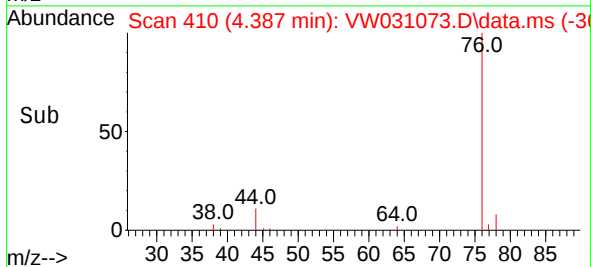
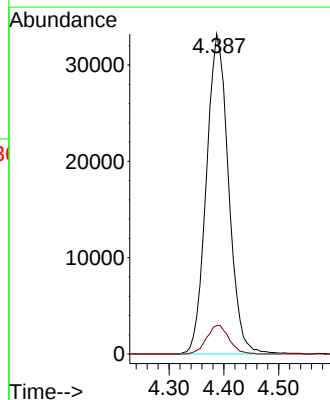
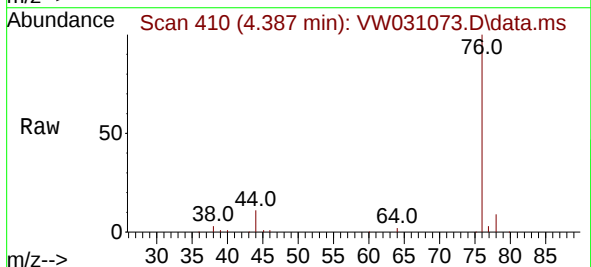
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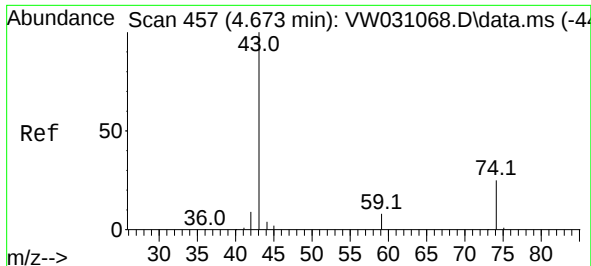
Tgt Ion: 76 Resp: 93245

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

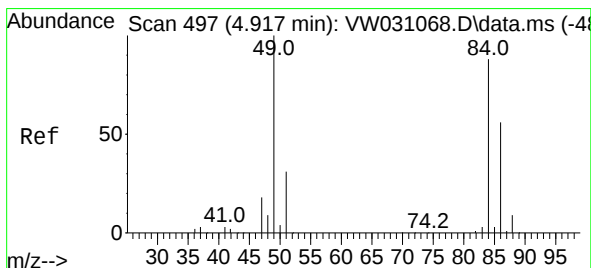
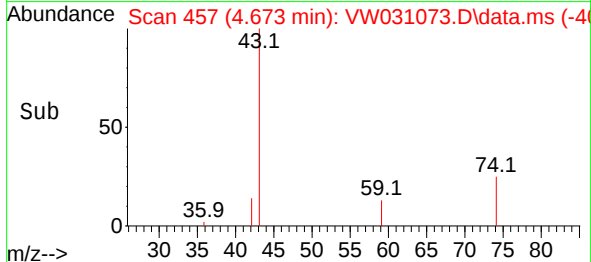
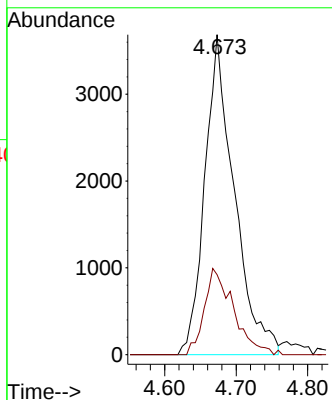
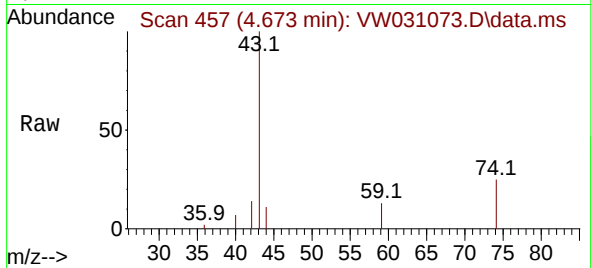




#15
Methyl Acetate
Concen: 5.379 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

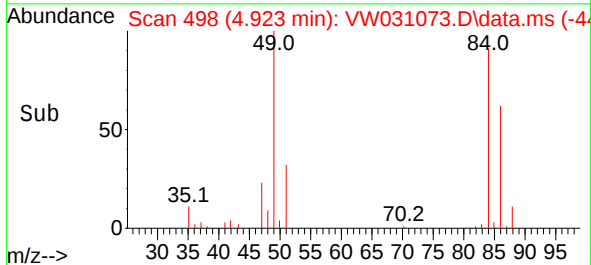
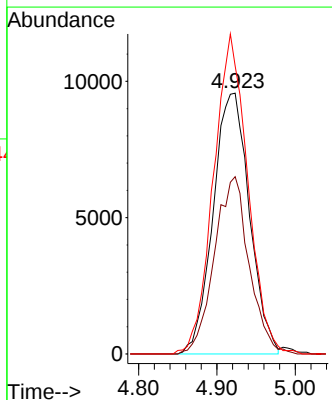
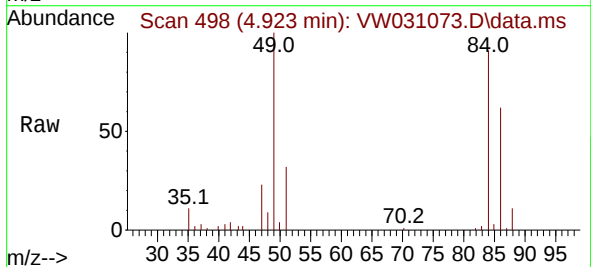
Instrument :
MSVOA_W
ClientSampleId :

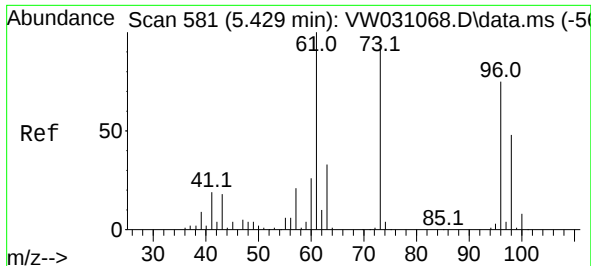
Tgt Ion: 43 Resp: 10541
Ion Ratio Lower Upper
43 100
74 26.6 20.8 31.2



#16
Methylene chloride
Concen: 5.364 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

Tgt Ion: 84 Resp: 30829
Ion Ratio Lower Upper
84 100
86 68.0 44.9 83.5
49 110.5 79.9 148.5

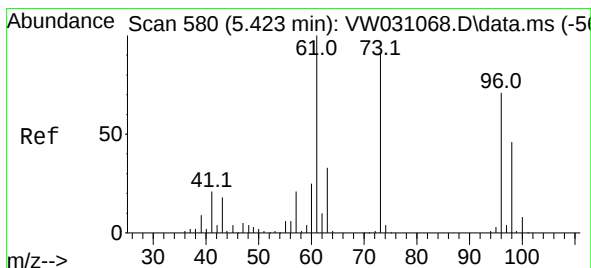
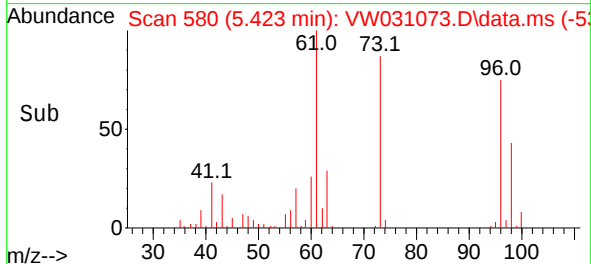
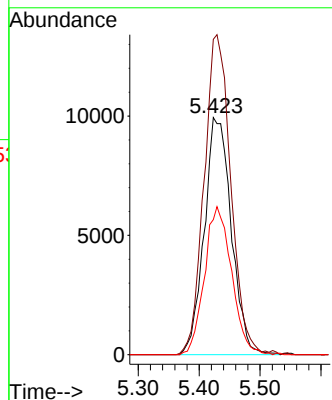
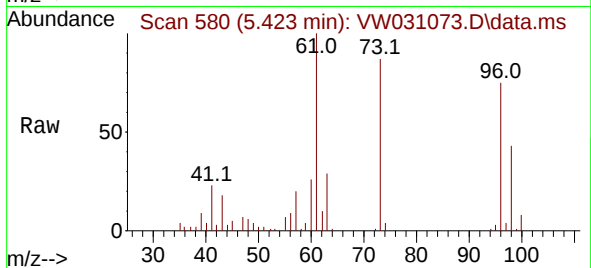




#17
trans-1,2-Dichloroethene
Concen: 5.133 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

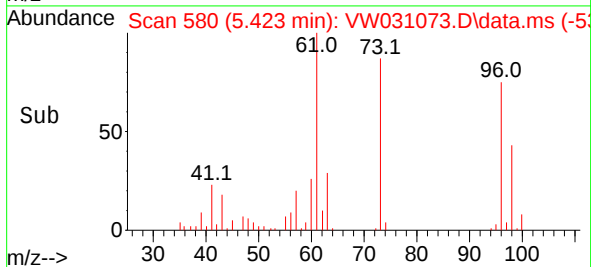
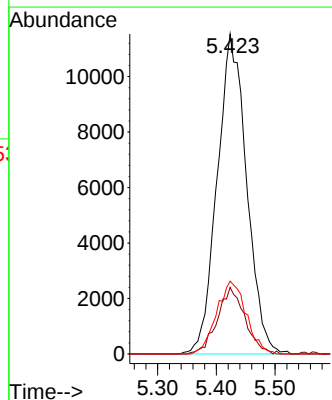
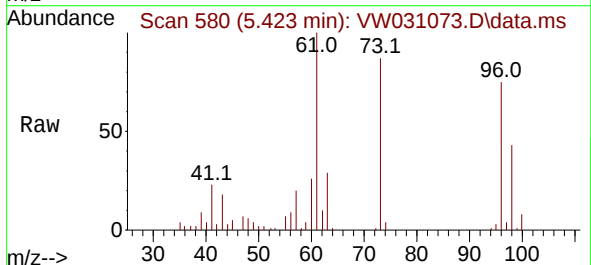
Instrument :
MSVOA_W
ClientSampleId :

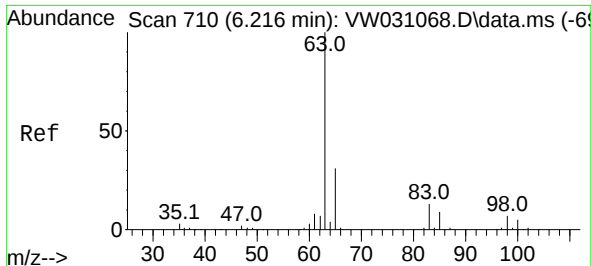
Tgt Ion: 96 Resp: 30635
Ion Ratio Lower Upper
96 100
61 133.0 92.7 172.3
98 56.9 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 4.662 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

Tgt Ion: 73 Resp: 40091
Ion Ratio Lower Upper
73 100
43 19.4 15.4 23.0
57 22.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 5.168 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031073.D

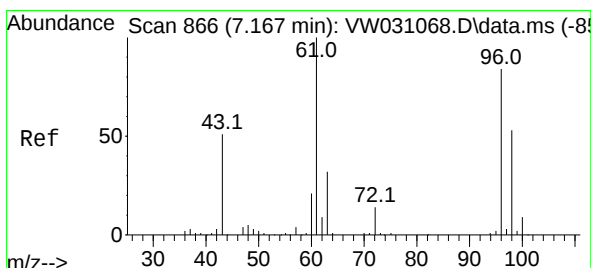
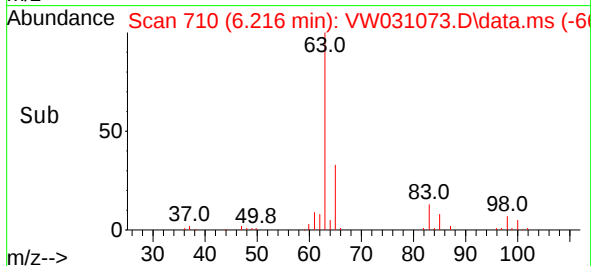
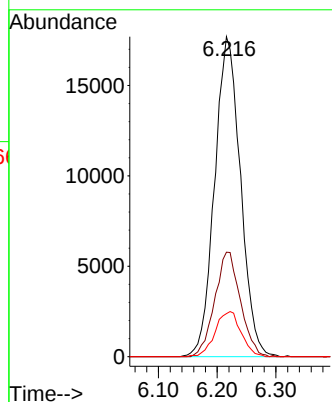
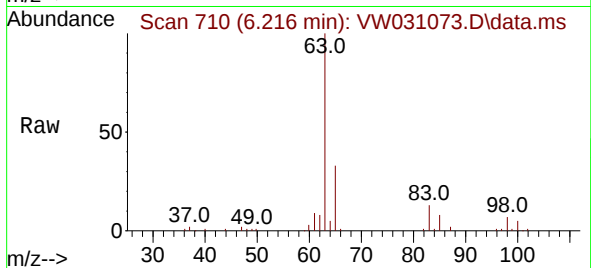
Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 54046
Ion Ratio	Lower Upper
63	100
65	32.6 21.7 40.3
83	13.5 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 4.865 ug/L

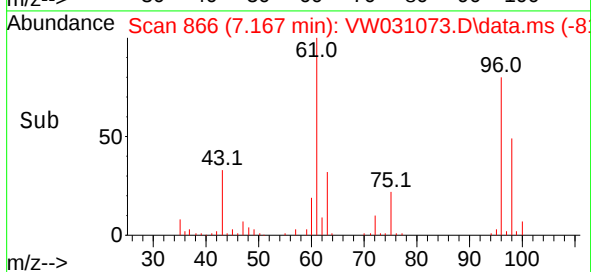
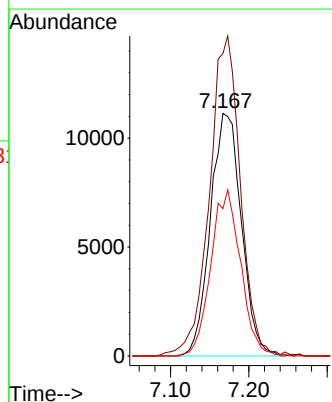
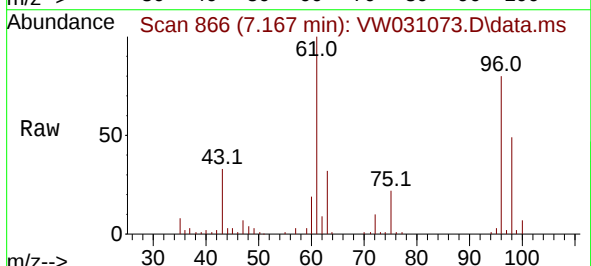
RT: 7.167 min Scan# 866

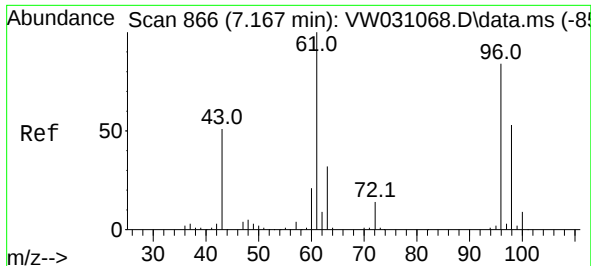
Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Tgt Ion: 96	Resp: 30633
Ion Ratio	Lower Upper
96	100
61	124.6 83.7 155.5
98	60.8 43.9 81.5





#22

2-Butanone

Concen: 8.014 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

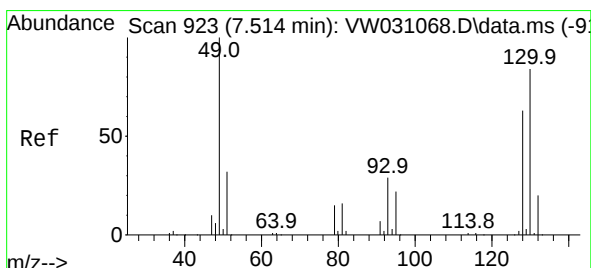
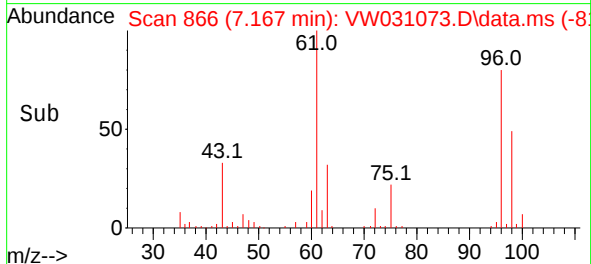
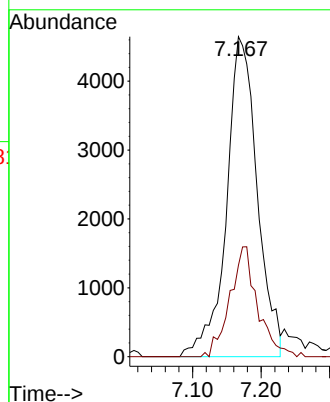
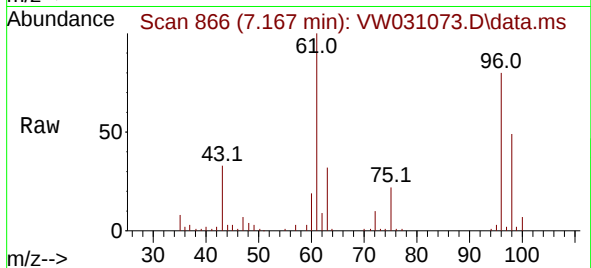
ClientSampleId :

Tgt Ion: 43 Resp: 14500

Ion Ratio Lower Upper

43 100

72 30.8 14.9 44.7



#23

Bromochloromethane

Concen: 5.220 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Tgt Ion: 128 Resp: 14726

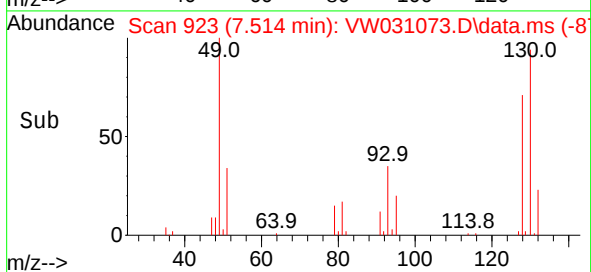
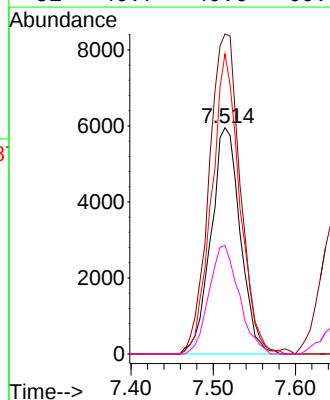
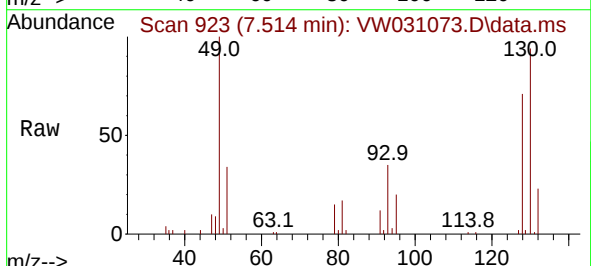
Ion Ratio Lower Upper

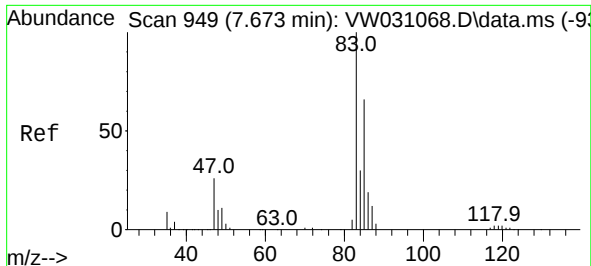
128 100

49 137.6 110.9 206.1

130 129.0 93.7 173.9

51 46.7 40.6 60.8





#25

Chloroform

Concen: 5.223 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

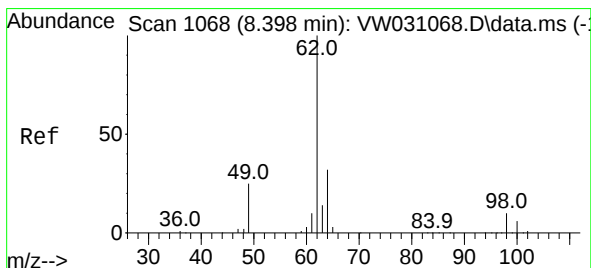
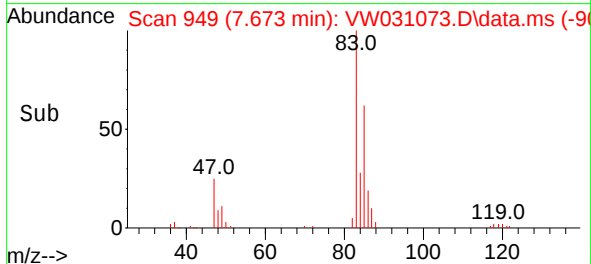
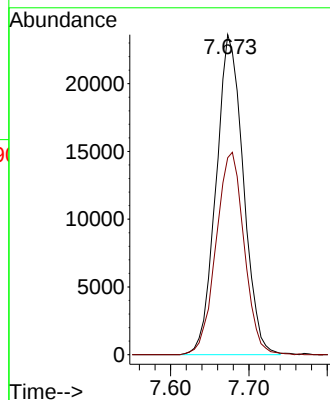
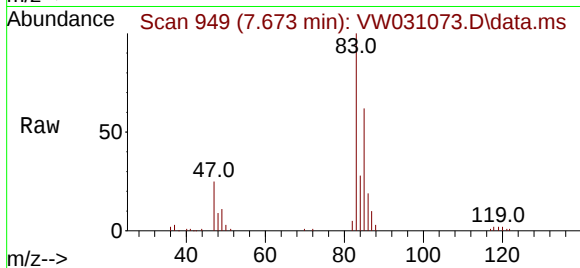
ClientSampleId :

Tgt Ion: 83 Resp: 57098

Ion Ratio Lower Upper

83 100

85 61.6 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.183 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031073.D

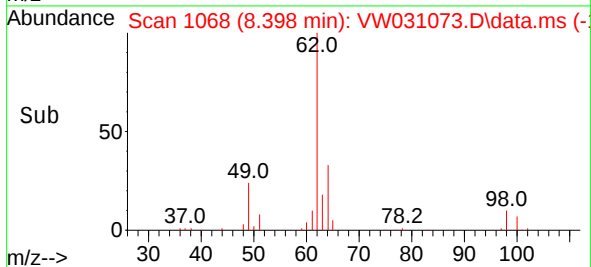
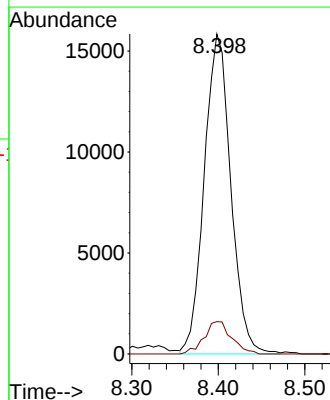
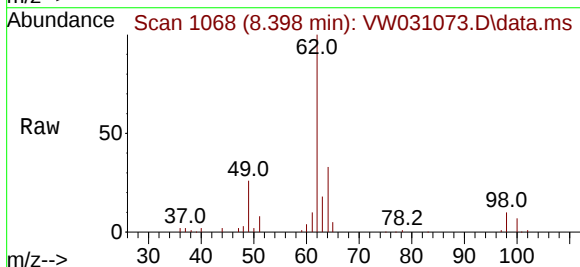
Acq: 20 Nov 2024 16:56

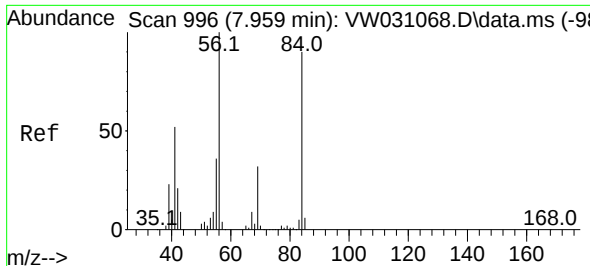
Tgt Ion: 62 Resp: 33769

Ion Ratio Lower Upper

62 100

98 10.1 7.7 11.5





#29

Cyclohexane

Concen: 5.067 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

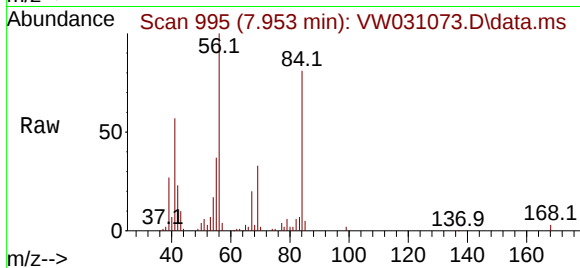
Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

ClientSampleId :



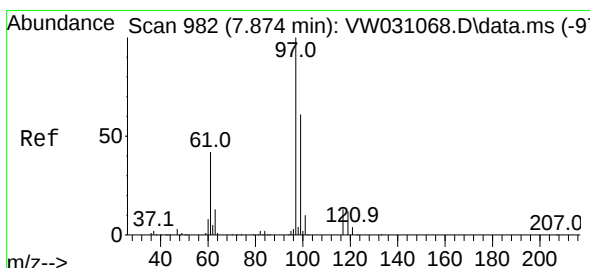
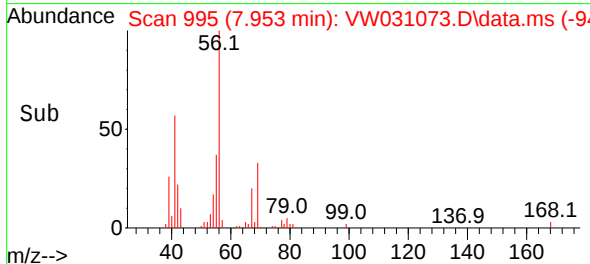
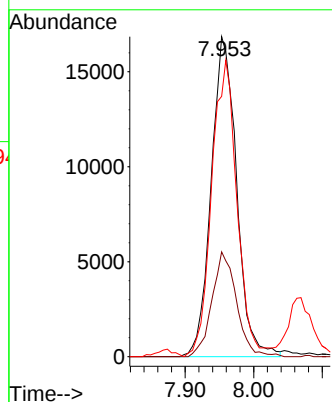
Tgt Ion: 56 Resp: 43420

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.2

84 91.1 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 5.359 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

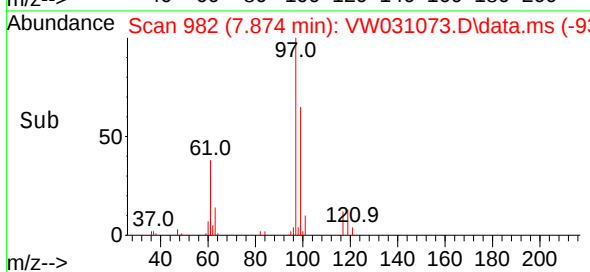
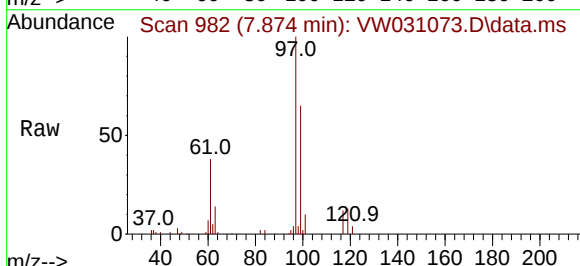
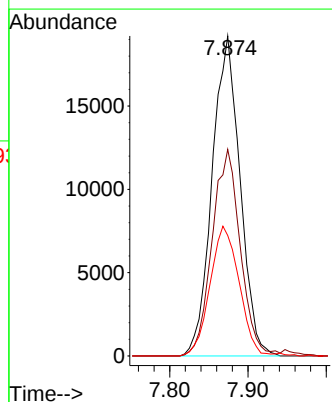
Tgt Ion: 97 Resp: 47618

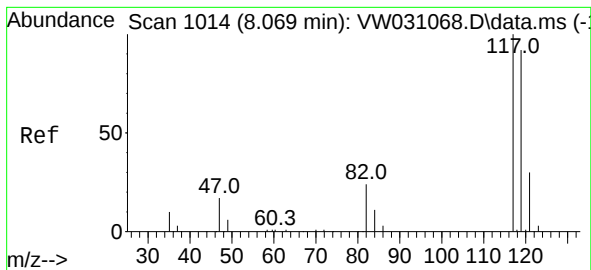
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 42.2 33.8 50.6





#31

Carbon tetrachloride

Concen: 5.383 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

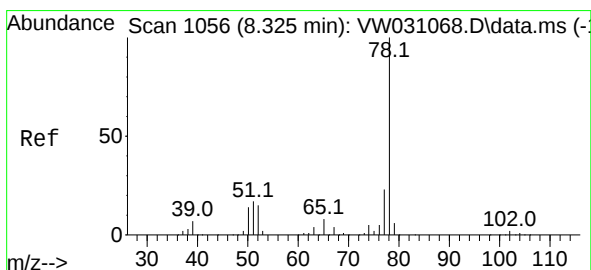
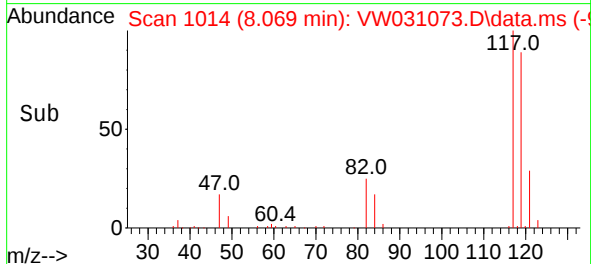
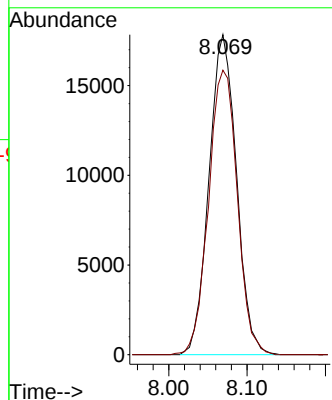
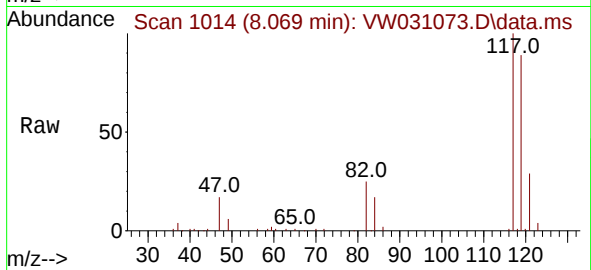
ClientSampleId :

Tgt Ion:117 Resp: 43494

Ion Ratio Lower Upper

117 100

119 93.1 75.8 113.8



#33

Benzene

Concen: 5.303 ug/L

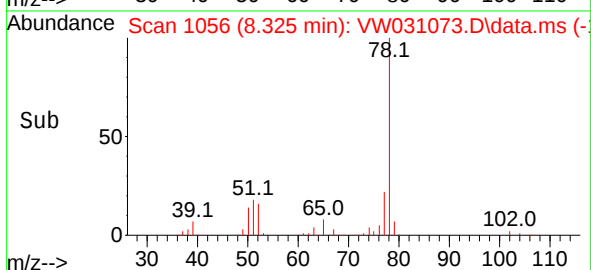
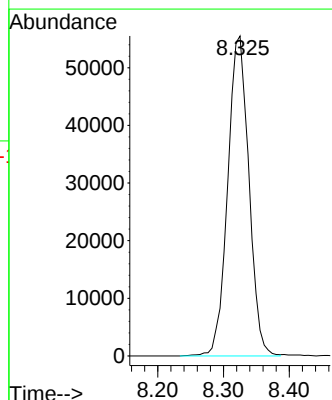
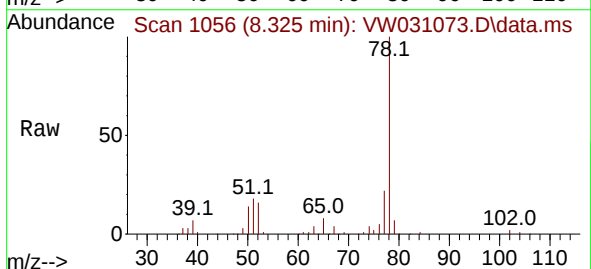
RT: 8.325 min Scan# 1056

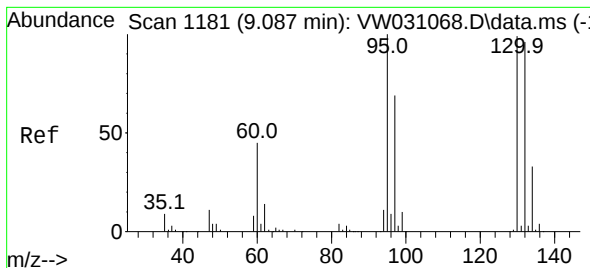
Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Tgt Ion: 78 Resp: 124359





#34

Trichloroethene

Concen: 5.343 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 33942

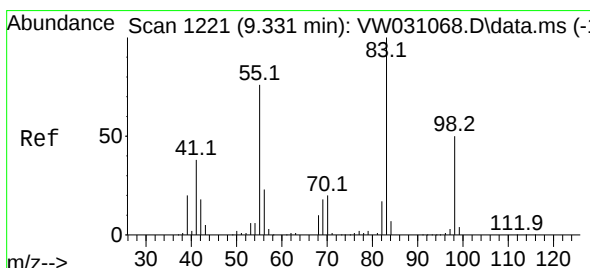
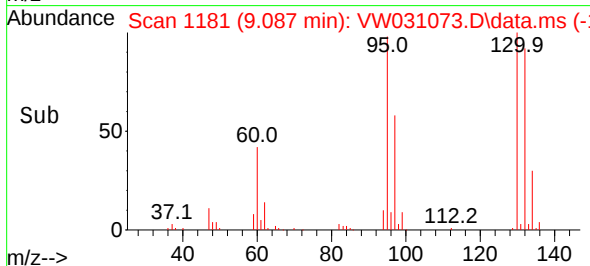
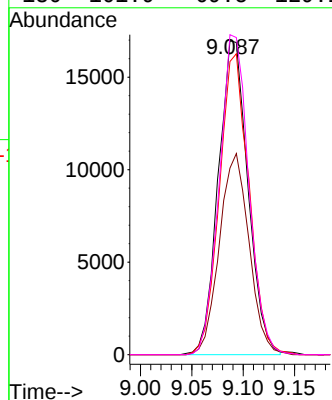
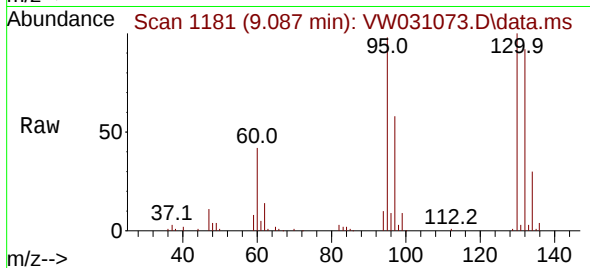
Ion Ratio Lower Upper

95 100

97 59.4 48.0 89.2

132 93.4 67.4 125.2

130 101.9 69.5 129.1



#35

Methylcyclohexane

Concen: 5.101 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

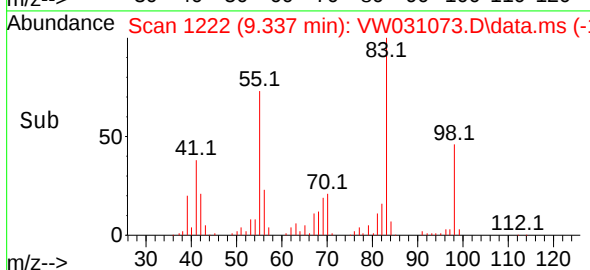
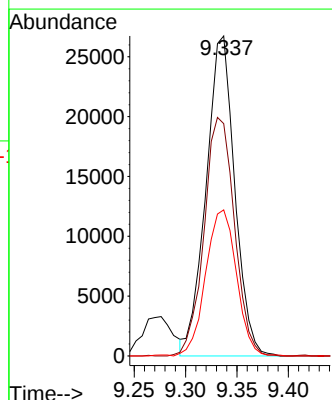
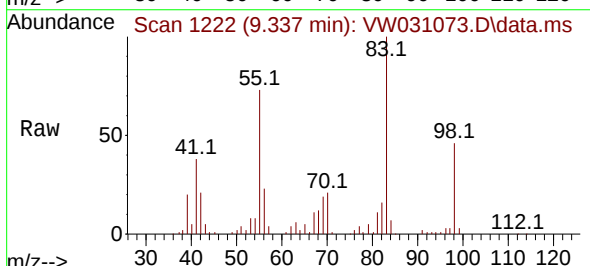
Tgt Ion: 83 Resp: 52073

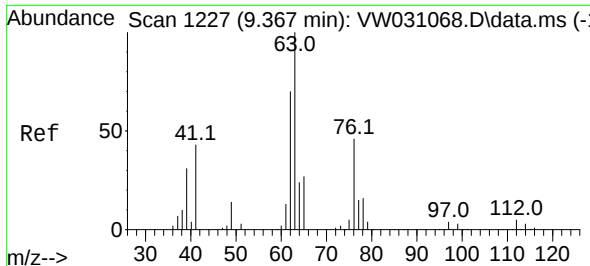
Ion Ratio Lower Upper

83 100

55 78.8 59.5 89.3

98 48.7 38.7 58.1

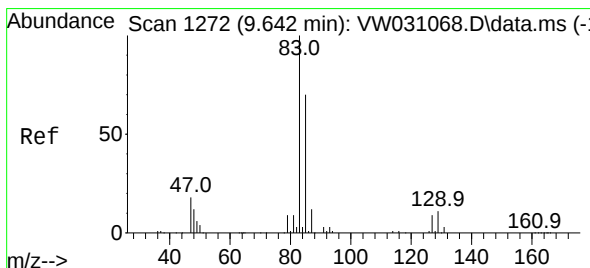
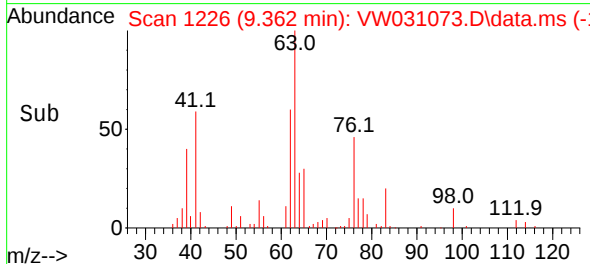
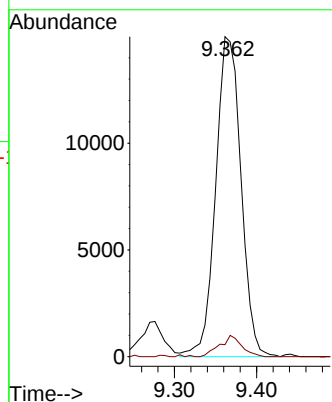
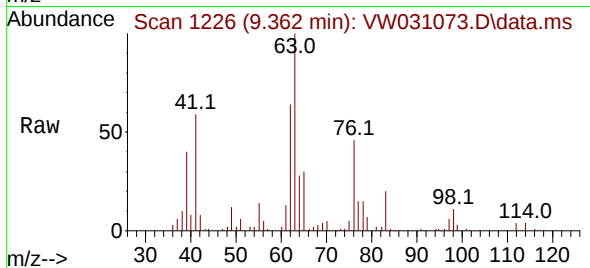




#37
1,2-Dichloropropane
Concen: 5.487 ug/L
RT: 9.362 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

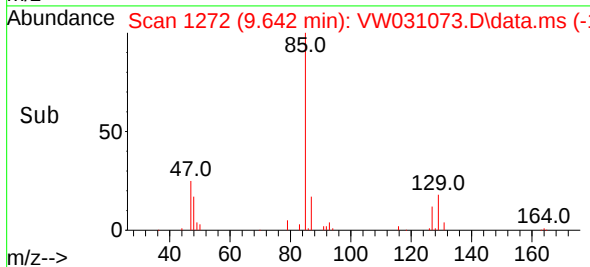
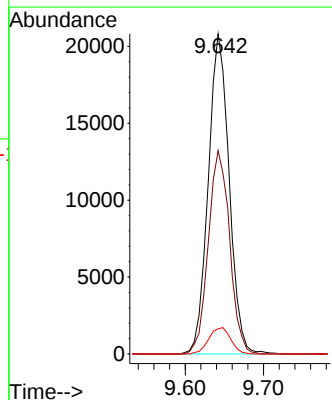
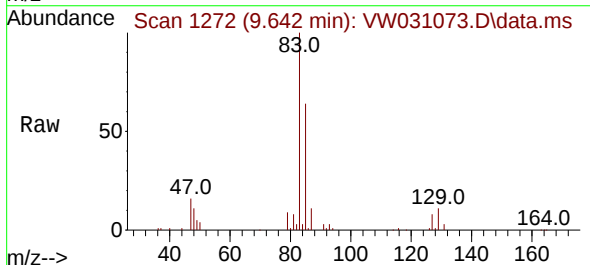
Instrument :
MSVOA_W
ClientSampleId :

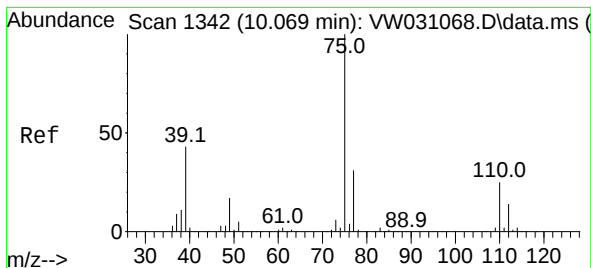
Tgt Ion: 63 Resp: 32078
Ion Ratio Lower Upper
63 100
112 5.8 3.9 5.9



#38
Bromodichloromethane
Concen: 5.244 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

Tgt Ion: 83 Resp: 38589
Ion Ratio Lower Upper
83 100
85 63.5 48.7 90.5
127 7.8 7.2 10.8

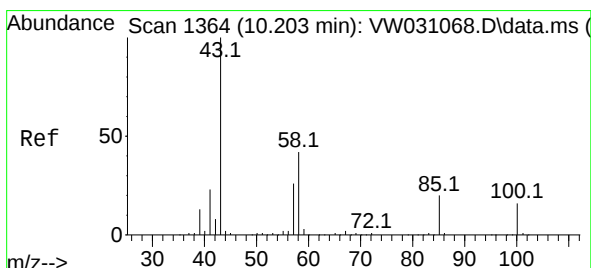
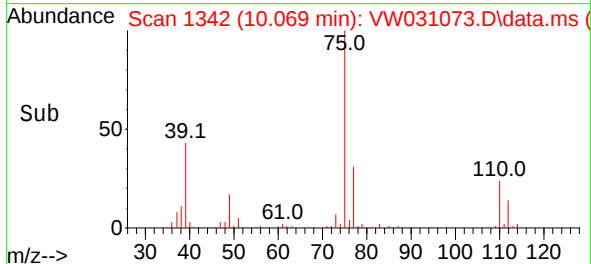
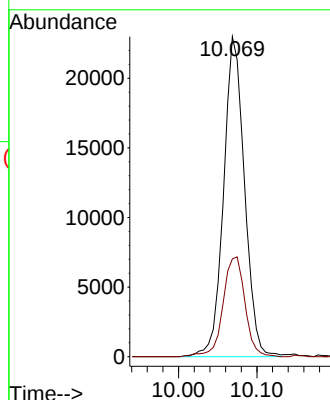
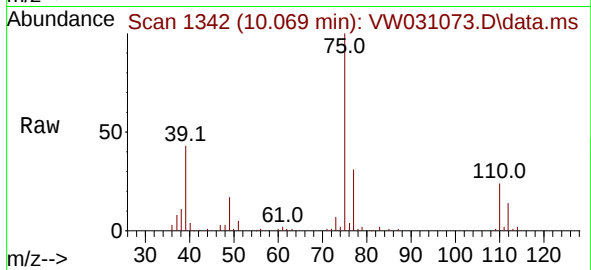




#39
cis-1,3-Dichloropropene
Concen: 4.851 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

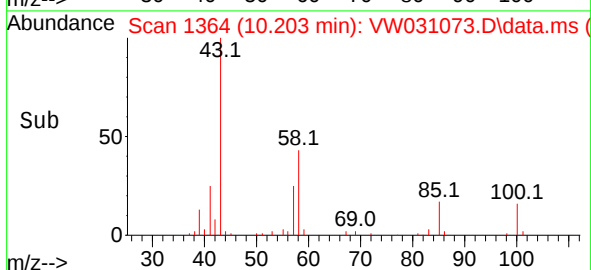
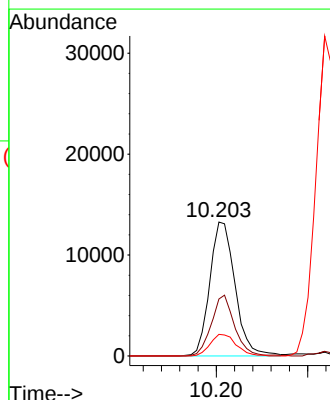
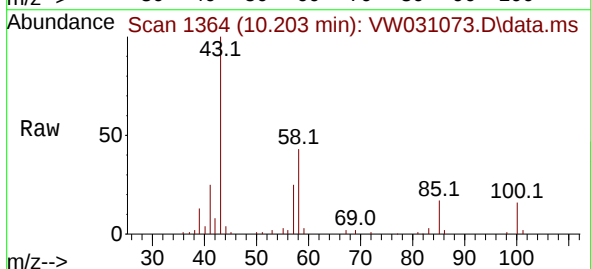
Instrument :
MSVOA_W
ClientSampleId :

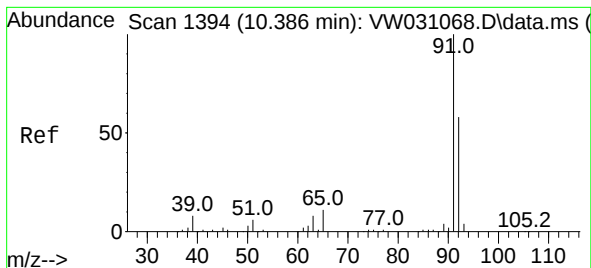
Tgt Ion: 75 Resp: 42746
Ion Ratio Lower Upper
75 100
77 30.5 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 9.275 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

Tgt Ion: 43 Resp: 25514
Ion Ratio Lower Upper
43 100
58 41.2 33.7 50.5
100 16.5 14.2 21.2





#42

Toluene

Concen: 5.178 ug/L

RT: 10.386 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

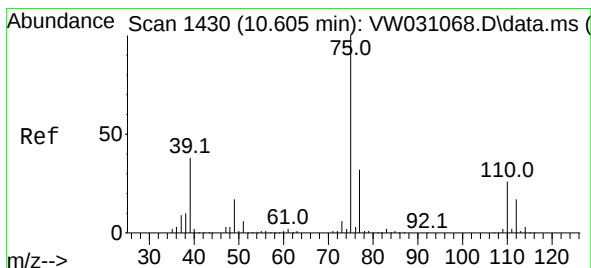
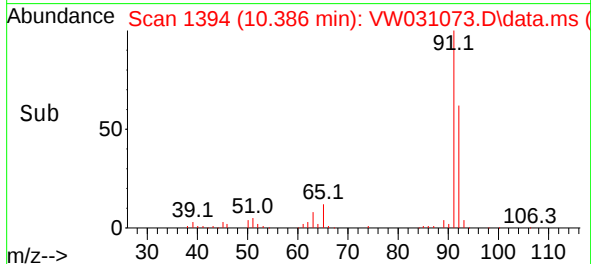
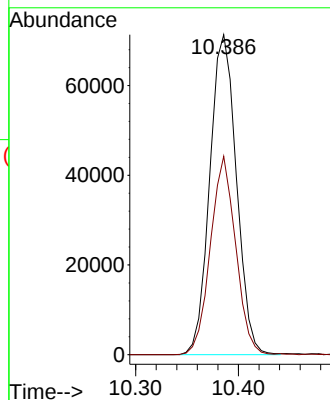
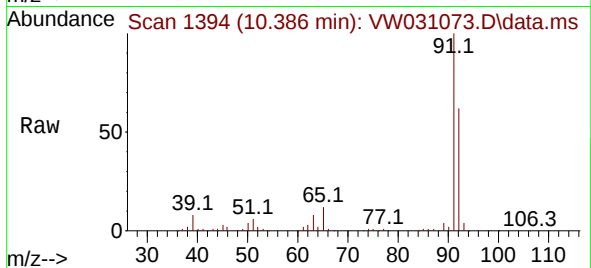
ClientSampleId :

Tgt Ion: 91 Resp: 128236

Ion Ratio Lower Upper

91 100

92 62.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.912 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031073.D

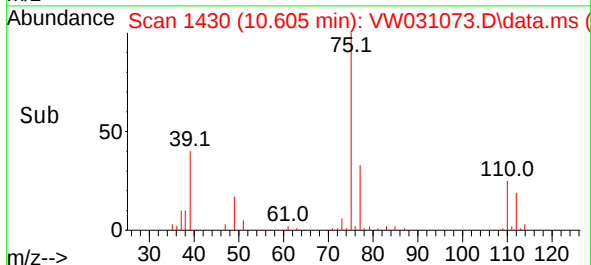
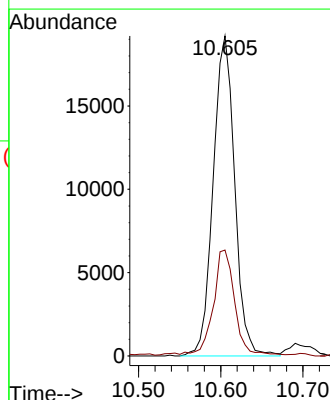
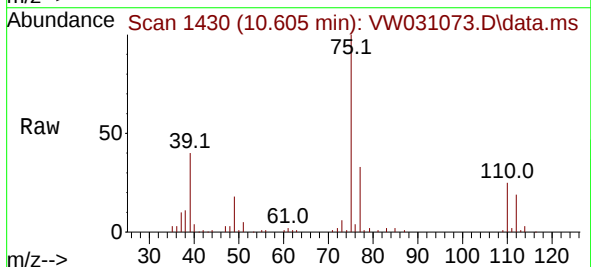
Acq: 20 Nov 2024 16:56

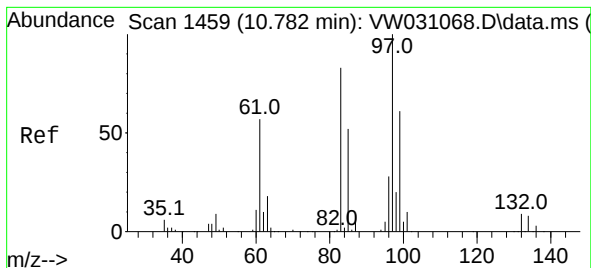
Tgt Ion: 75 Resp: 34951

Ion Ratio Lower Upper

75 100

77 33.1 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 5.284 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 22471

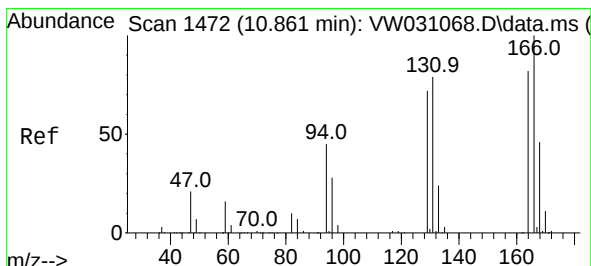
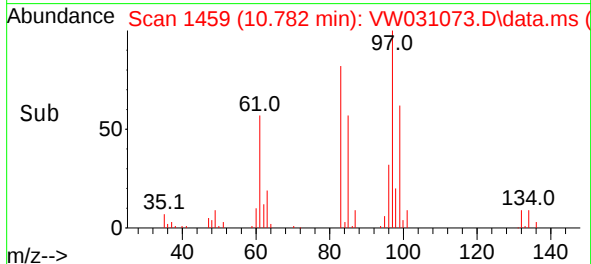
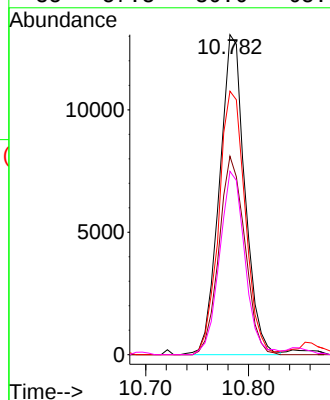
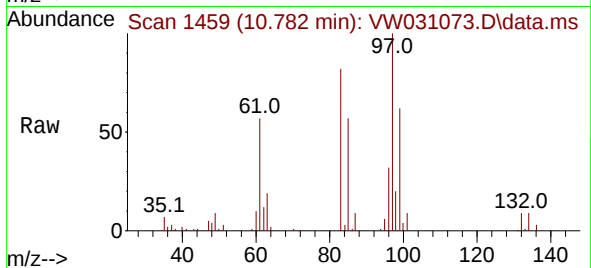
Ion Ratio Lower Upper

97 100

99 62.0 42.4 78.8

83 82.3 57.8 107.4

85 57.3 36.6 68.0



#46

Tetrachloroethene

Concen: 5.423 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Tgt Ion:164 Resp: 27546

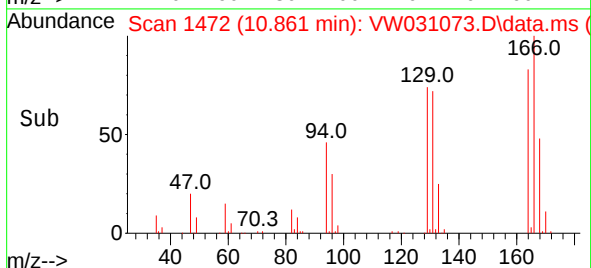
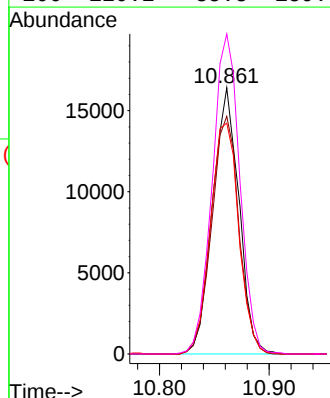
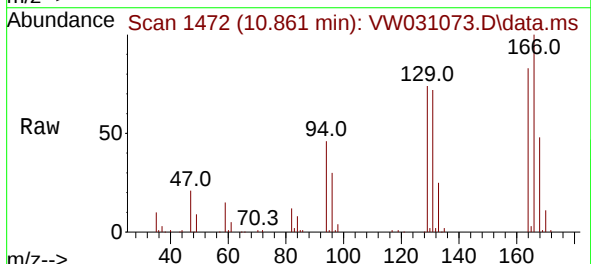
Ion Ratio Lower Upper

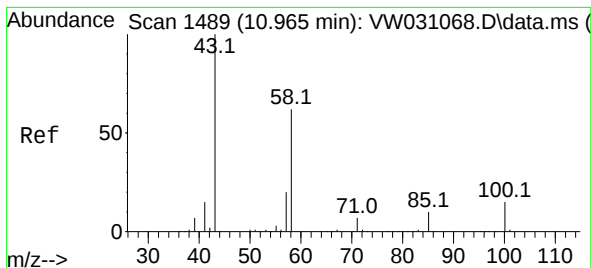
164 100

129 89.3 61.9 114.9

131 86.7 67.9 126.1

166 120.2 85.8 159.3





#48

2-Hexanone

Concen: 8.799 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 19138

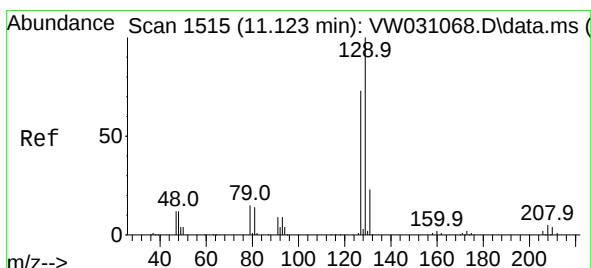
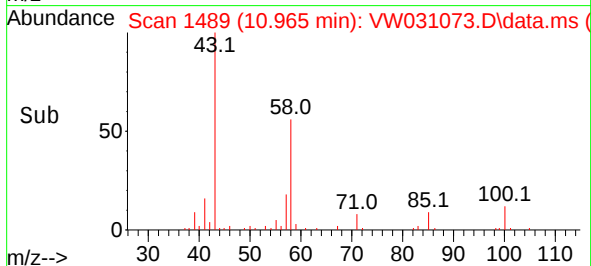
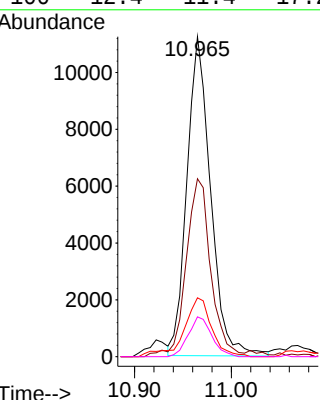
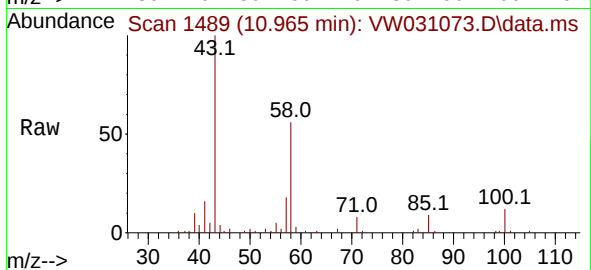
Ion Ratio Lower Upper

43 100

58 56.6 49.8 74.6

57 19.8 16.6 24.8

100 12.4 11.4 17.2



#49

Dibromochloromethane

Concen: 5.071 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW031073.D

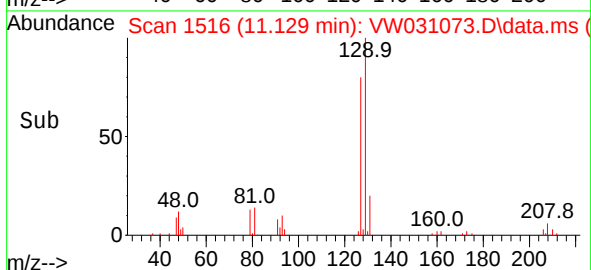
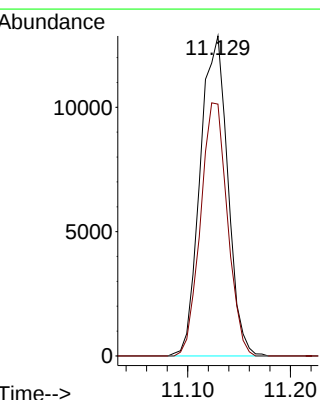
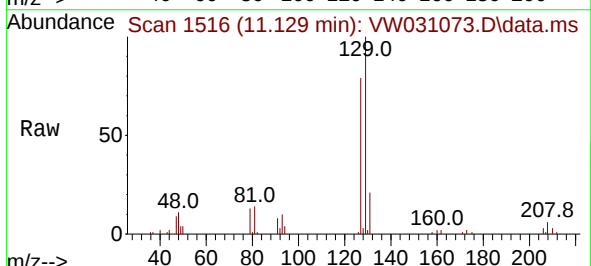
Acq: 20 Nov 2024 16:56

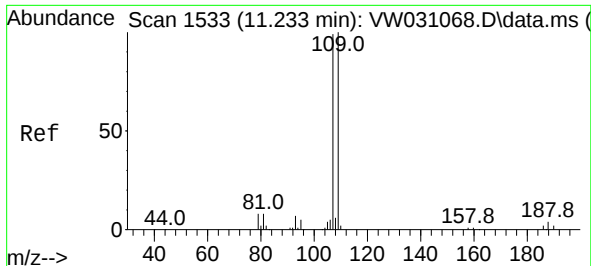
Tgt Ion:129 Resp: 23981

Ion Ratio Lower Upper

129 100

127 78.7 51.4 95.4





#50

1,2-Dibromoethane

Concen: 5.197 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

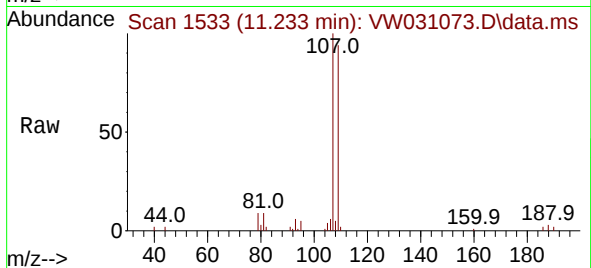
Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

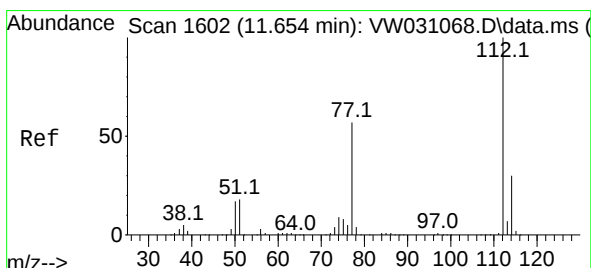
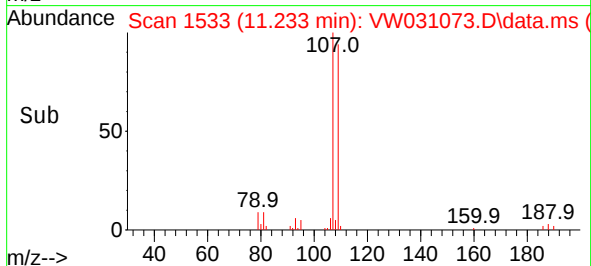
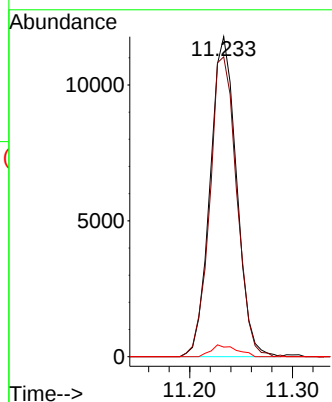
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	21030
Ion Ratio	Lower	Upper	
107	100		
109	93.7	71.0	131.9
188	3.0	3.0	4.4



#51

Chlorobenzene

Concen: 5.425 ug/L

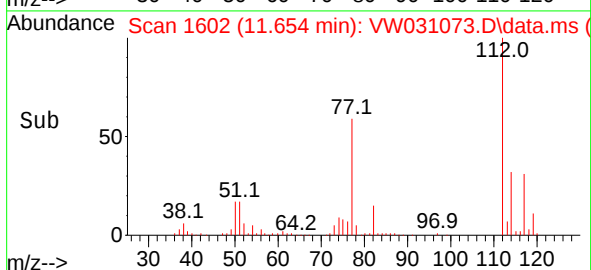
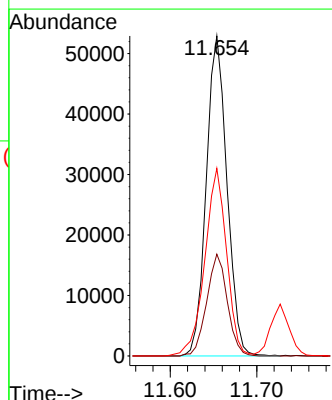
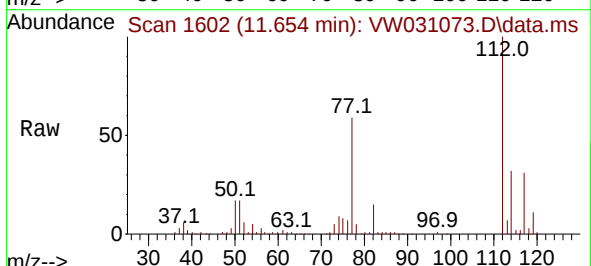
RT: 11.654 min Scan# 1602

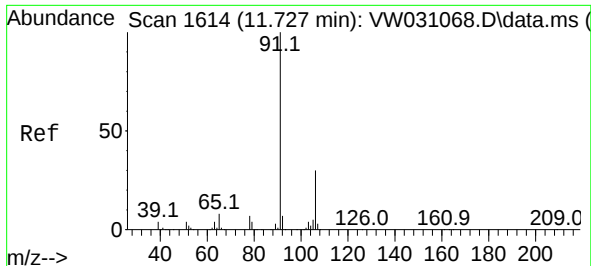
Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Tgt Ion:	112	Resp:	87853
Ion Ratio	Lower	Upper	
112	100		
114	31.8	21.2	39.4
77	58.6	45.4	68.0





#52

Ethylbenzene

Concen: 5.117 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

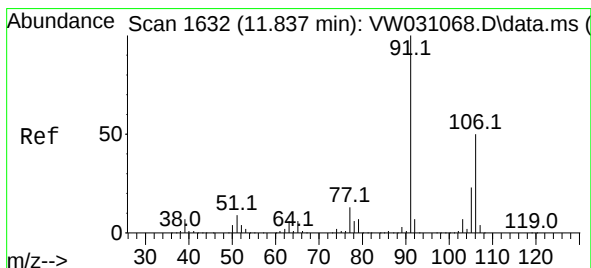
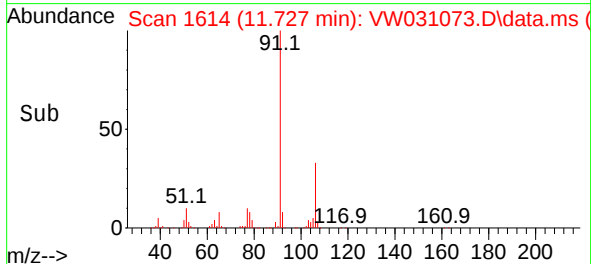
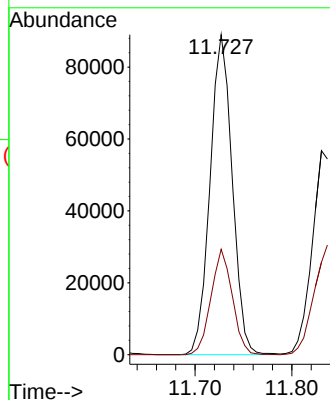
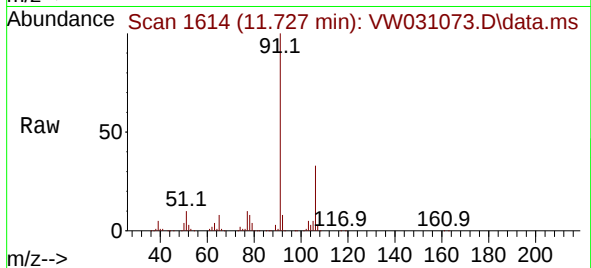
ClientSampleId :

Tgt Ion: 91 Resp: 142083

Ion Ratio Lower Upper

91 100

106 32.9 21.3 39.5



#53

m,p-Xylene

Concen: 5.180 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031073.D

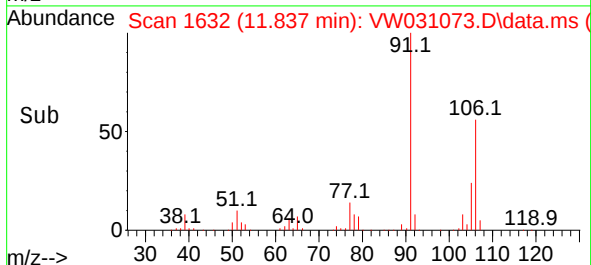
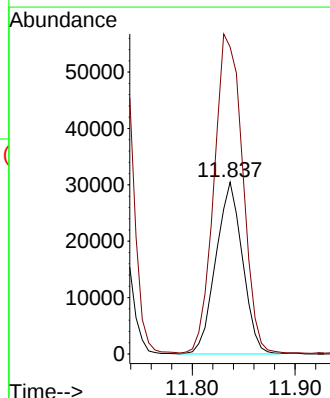
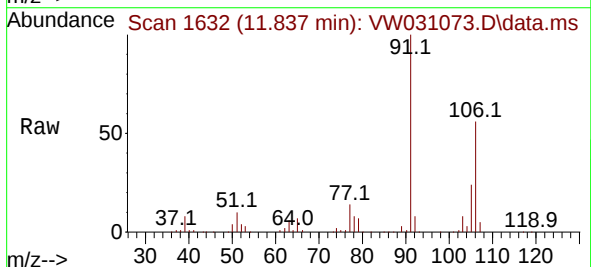
Acq: 20 Nov 2024 16:56

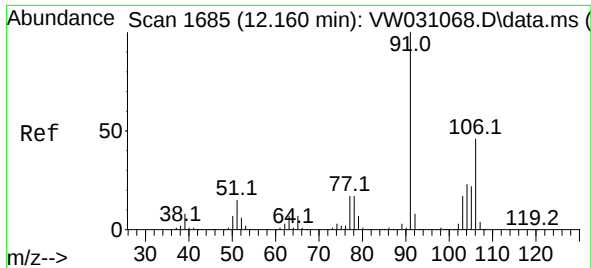
Tgt Ion:106 Resp: 54889

Ion Ratio Lower Upper

106 100

91 178.6 140.9 261.7

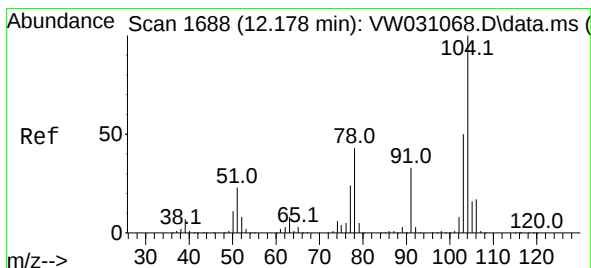
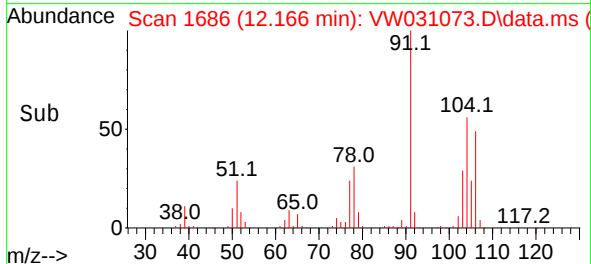
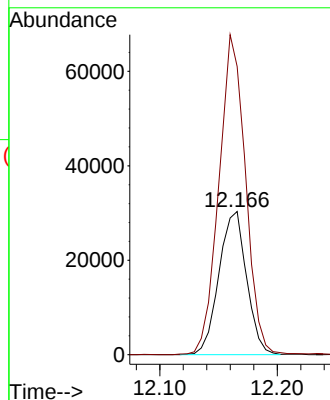
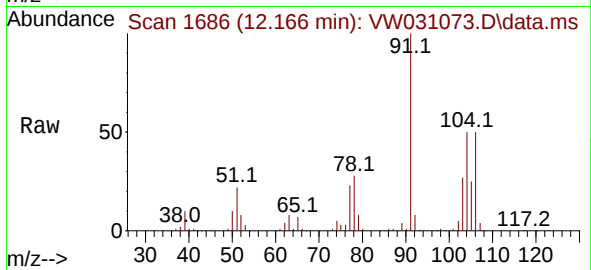




#54
o-Xylene
Concen: 4.978 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

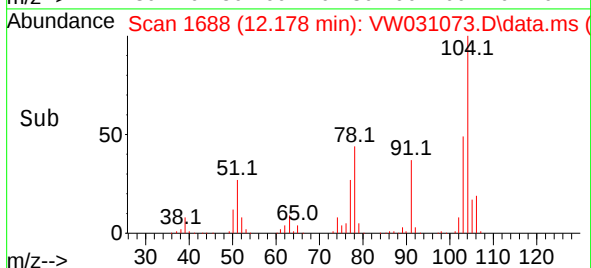
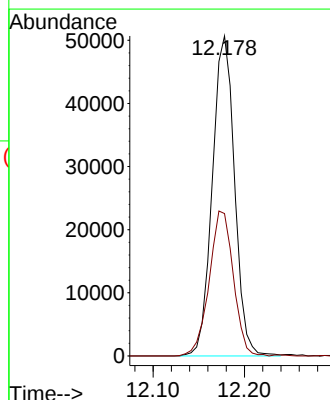
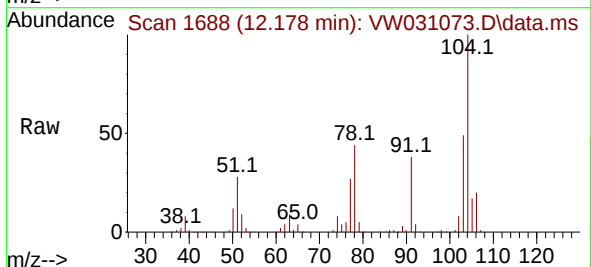
Instrument :
MSVOA_W
ClientSampleId :

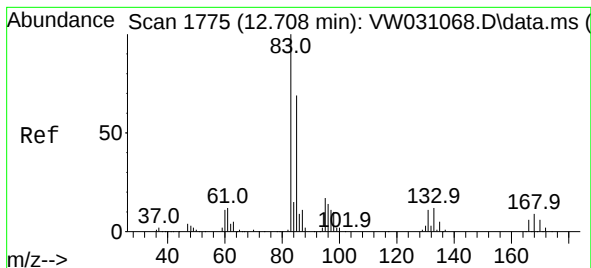
Tgt Ion:106 Resp: 49582
Ion Ratio Lower Upper
106 100
91 201.3 152.7 283.5



#55
Styrene
Concen: 5.056 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

Tgt Ion:104 Resp: 85700
Ion Ratio Lower Upper
104 100
78 44.5 30.2 56.0

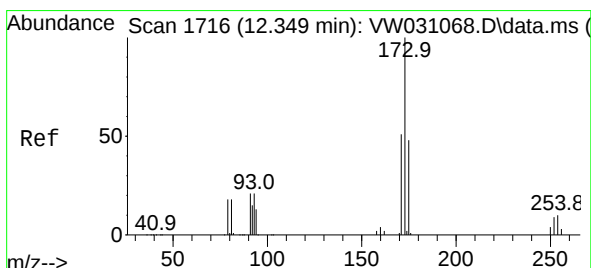
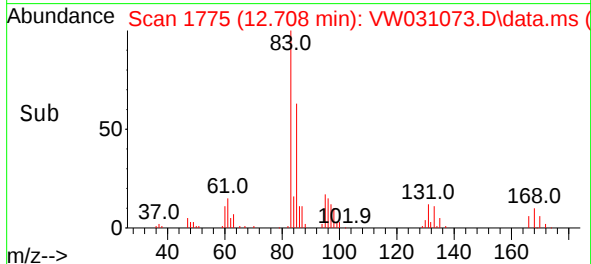
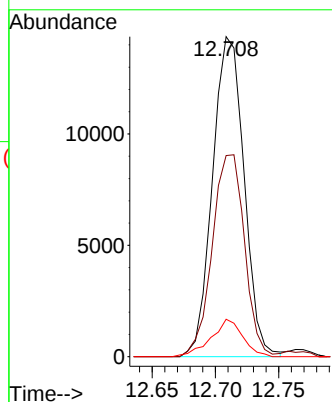
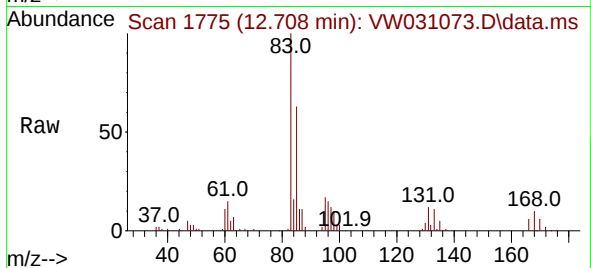




#57
1,1,2,2-Tetrachloroethane
Concen: 5.249 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

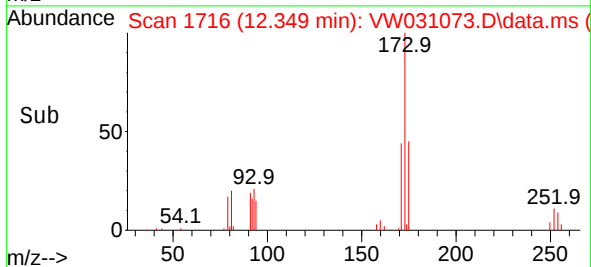
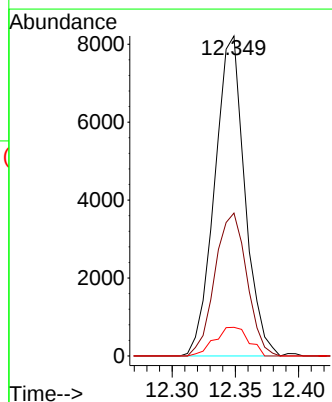
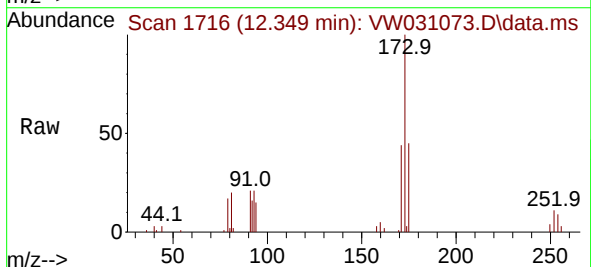
Instrument :
MSVOA_W
ClientSampleId :

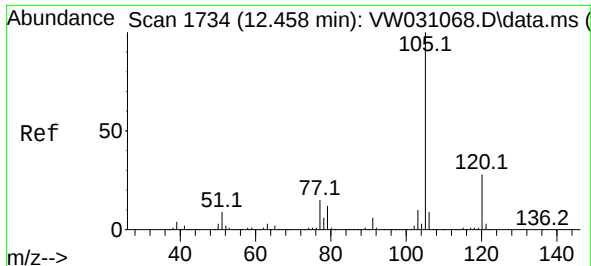
Tgt Ion: 83 Resp: 24899
Ion Ratio Lower Upper
83 100
85 62.9 48.3 89.7
131 11.7 8.9 13.3



#59
Bromoform
Concen: 4.903 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

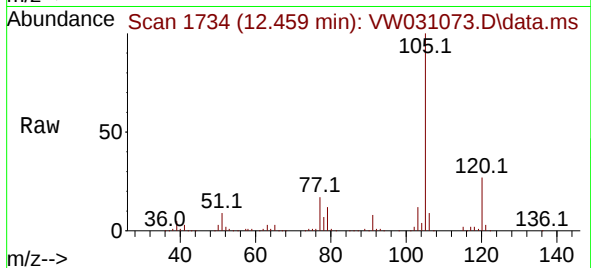
Tgt Ion:173 Resp: 13591
Ion Ratio Lower Upper
173 100
175 47.3 36.6 54.8
254 10.1 7.7 11.5



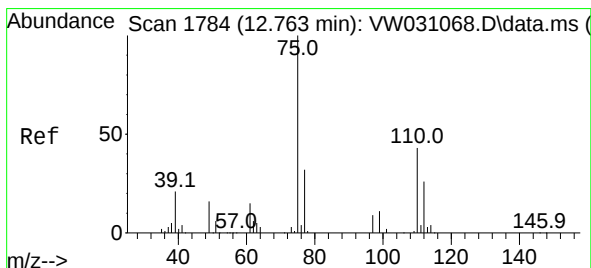
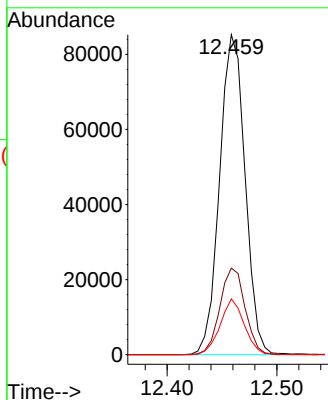
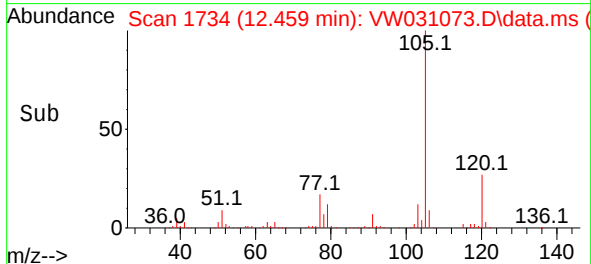


#60
Isopropylbenzene
Concen: 5.099 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

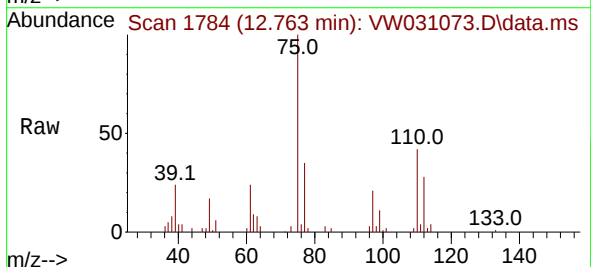
Instrument :
MSVOA_W
ClientSampleId :



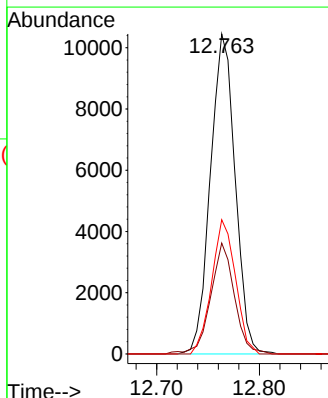
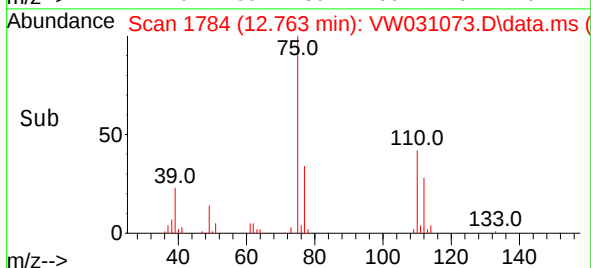
Tgt Ion:105 Resp: 137596
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 16.6 12.3 18.5

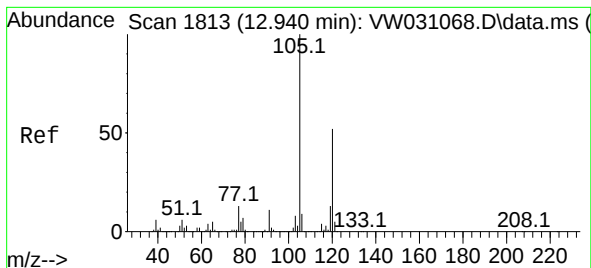


#61
1,2,3-Trichloropropane
Concen: 5.154 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56



Tgt Ion: 75 Resp: 17477
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2
110 40.4 33.1 49.7

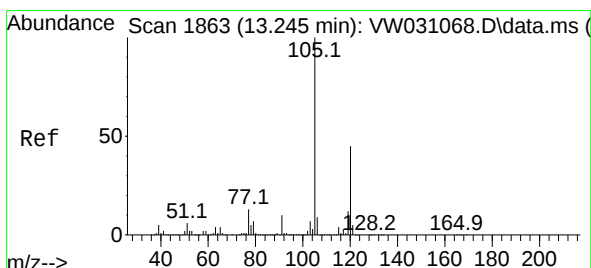
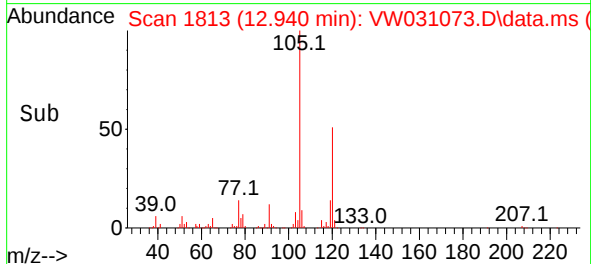
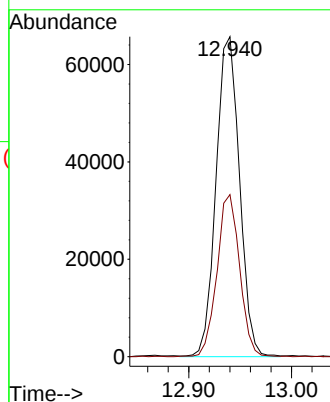
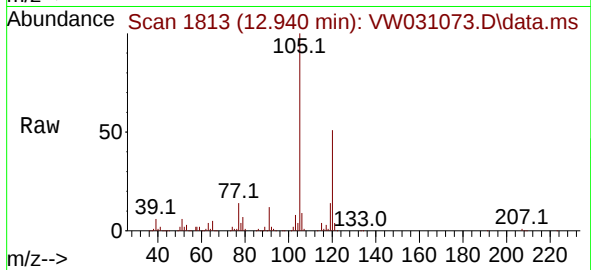




#62
1,3,5-Trimethylbenzene
Concen: 4.892 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

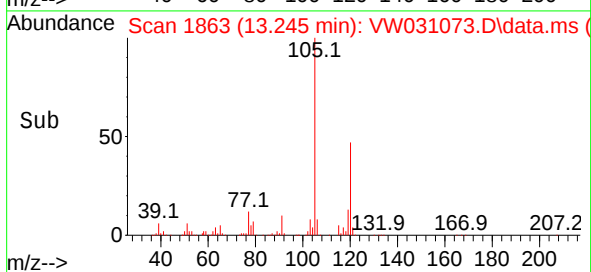
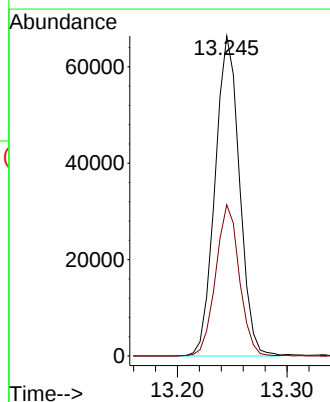
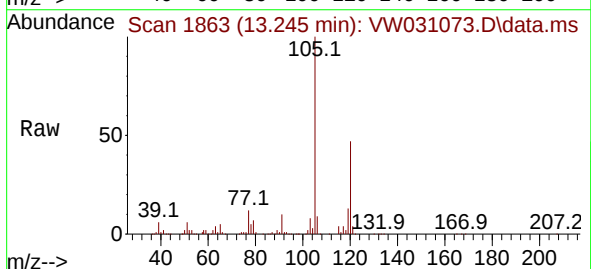
Instrument :
MSVOA_W
ClientSampleId :

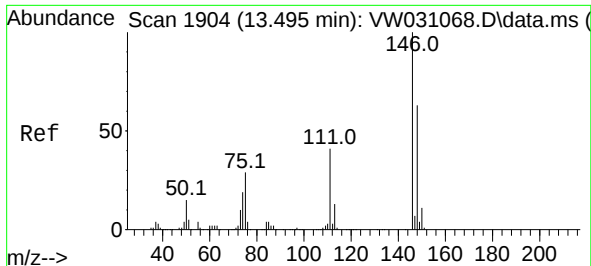
Tgt Ion:105 Resp: 104145
Ion Ratio Lower Upper
105 100
120 48.7 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 4.904 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031073.D
Acq: 20 Nov 2024 16:56

Tgt Ion:105 Resp: 102968
Ion Ratio Lower Upper
105 100
120 45.6 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.255 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

ClientSampleId :

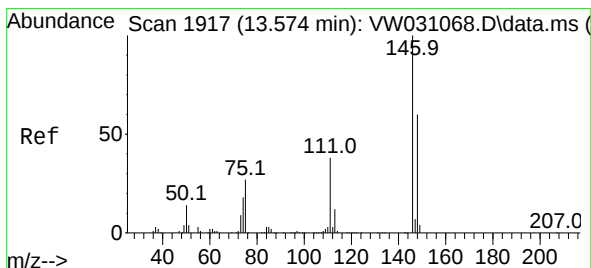
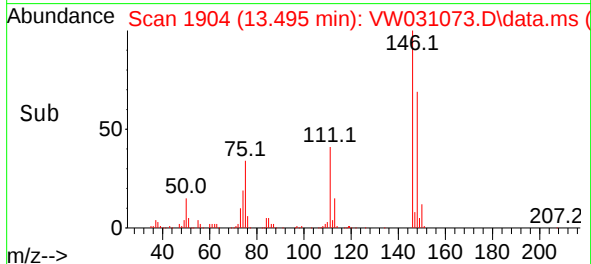
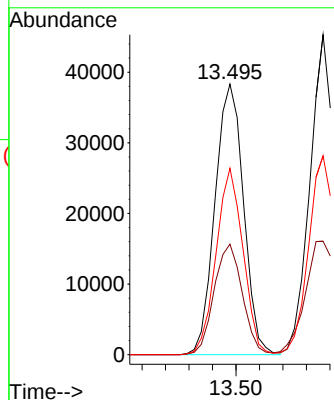
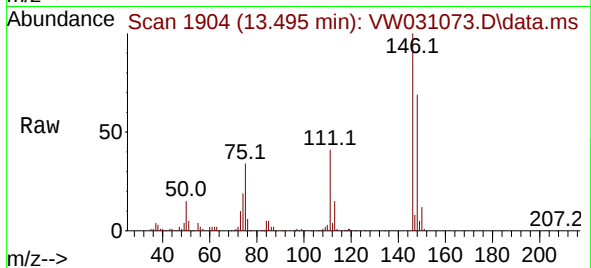
Tgt Ion:146 Resp: 64682

Ion Ratio Lower Upper

146 100

111 40.9 28.5 52.9

148 68.9 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 5.334 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

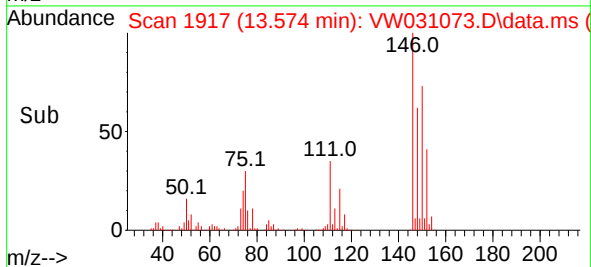
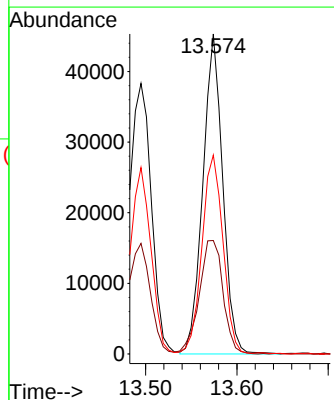
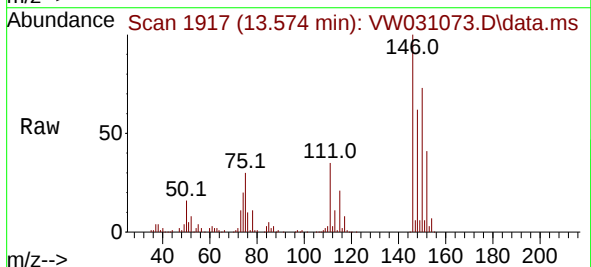
Tgt Ion:146 Resp: 68309

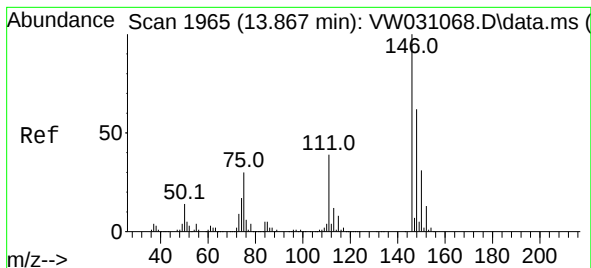
Ion Ratio Lower Upper

146 100

111 35.4 26.6 49.4

148 62.1 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 5.359 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

ClientSampleId :

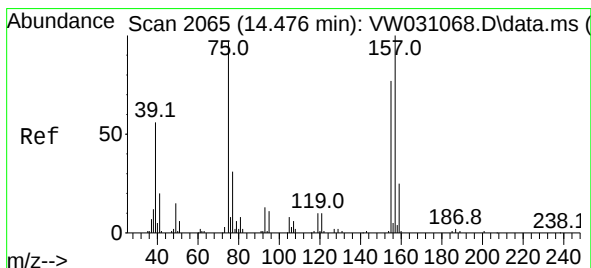
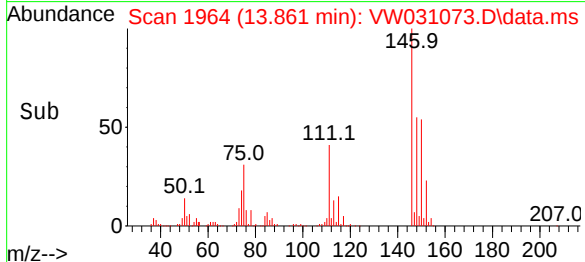
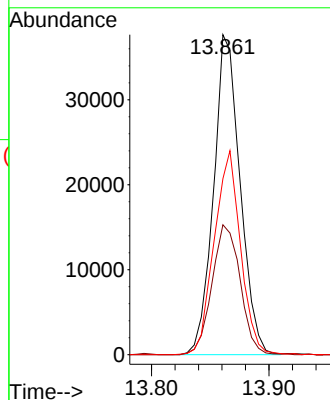
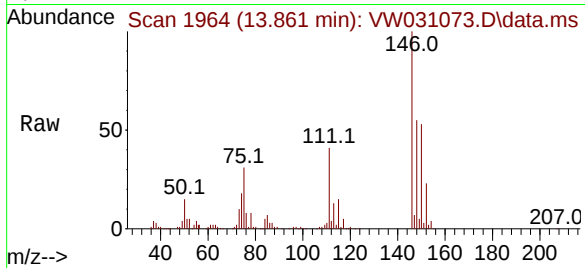
Tgt Ion:146 Resp: 59127

Ion Ratio Lower Upper

146 100

111 40.6 30.9 46.3

148 55.0 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.004 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

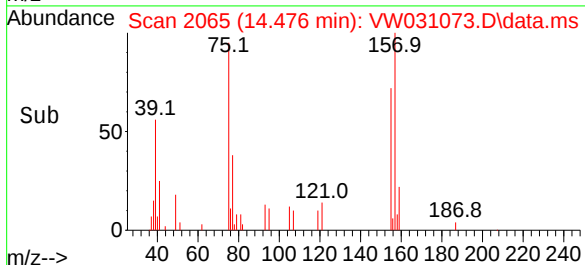
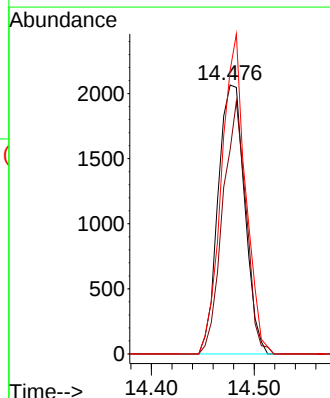
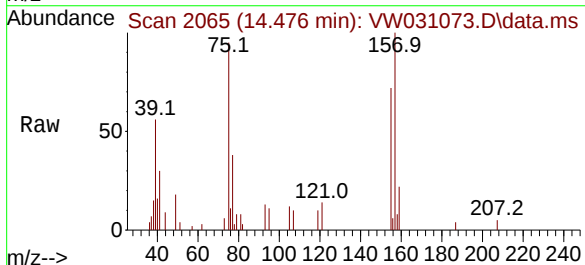
Tgt Ion: 75 Resp: 3709

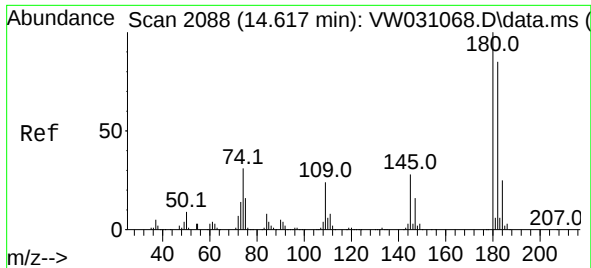
Ion Ratio Lower Upper

75 100

155 75.9 63.1 94.7

157 105.4 82.1 123.1





#69

1,3,5-Trichlorobenzene

Concen: 5.339 ug/L

RT: 14.623 min Scan# 2088

Delta R.T. 0.006 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 44922

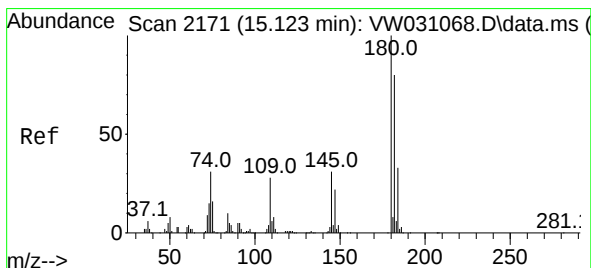
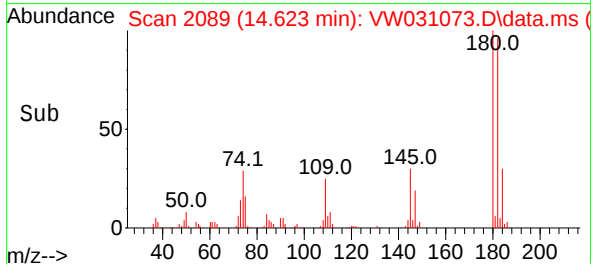
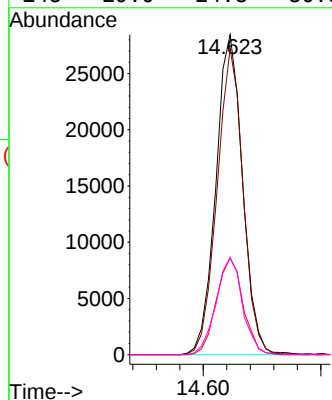
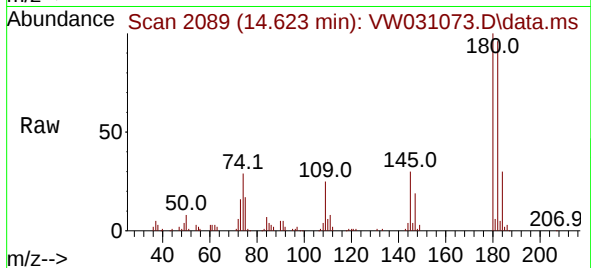
Ion Ratio Lower Upper

180 100

182 92.7 78.2 117.2

184 30.1 24.0 36.0

145 29.9 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 5.035 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

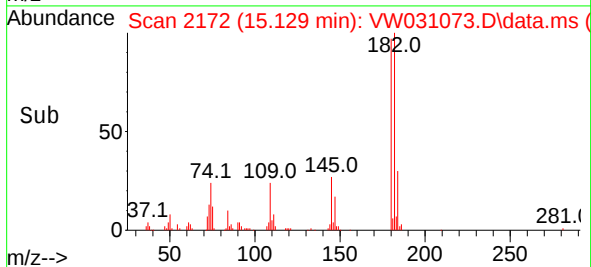
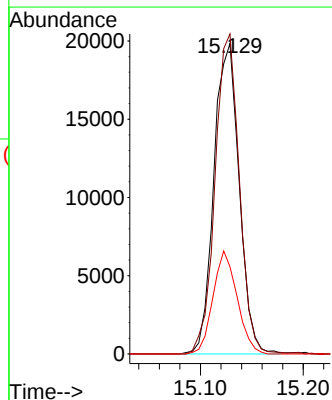
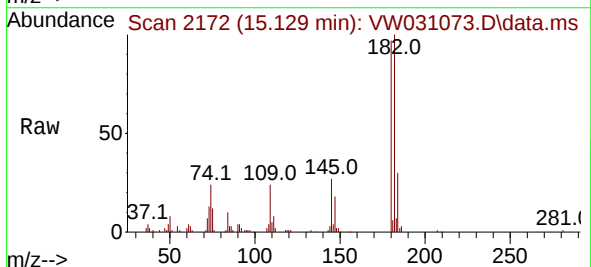
Tgt Ion:180 Resp: 33876

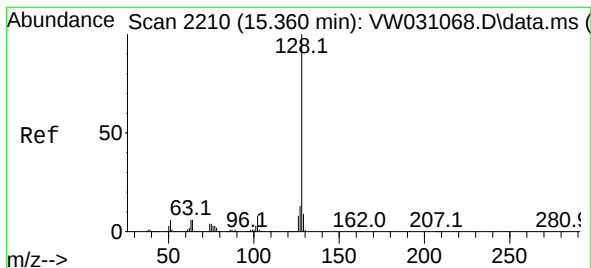
Ion Ratio Lower Upper

180 100

182 98.8 76.1 114.1

145 31.6 25.7 38.5





#71

Naphthalene

Concen: 4.266 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Instrument :

MSVOA_W

ClientSampleId :

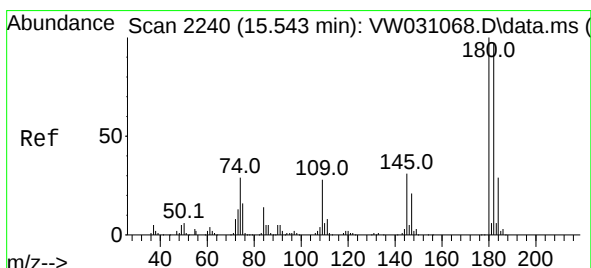
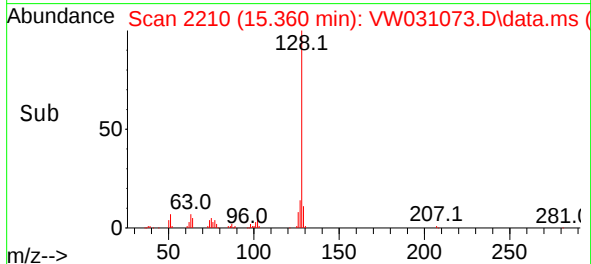
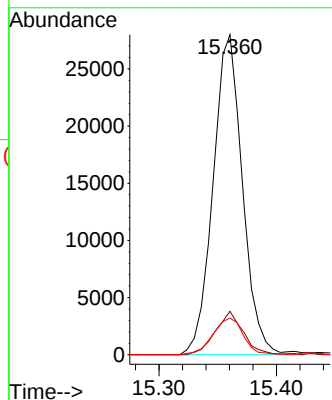
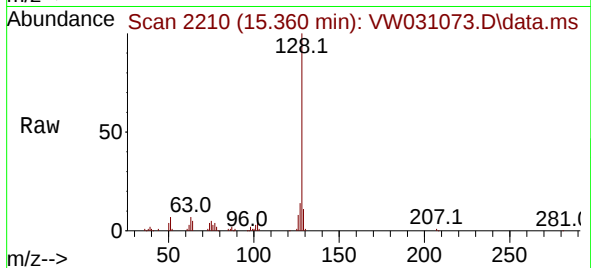
Tgt Ion:128 Resp: 48535

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.8 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 5.044 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW031073.D

Acq: 20 Nov 2024 16:56

Tgt Ion:180 Resp: 30206

Ion Ratio Lower Upper

180 100

182 94.9 78.7 118.1

145 33.6 26.3 39.5

