

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030023.D
 Acq On : 26 Aug 2024 12:02
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 05:14:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	320607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143825	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	25463	5.337	ug/L	0.00
7) Chloroethane-d5	2.899	69	17901	5.287	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	10571	5.186	ug/L	0.00
21) 2-Butanone-d5	7.191	46	103	0.108	ug/L	0.11
24) Chloroform-d	7.648	84	44154	5.107	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	22623	5.153	ug/L	0.00
32) Benzene-d6	8.276	84	89187	5.224	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	25809	5.160	ug/L	0.00
41) Toluene-d8	10.325	98	78447	5.048	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	10331	5.021	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	7344	9.593	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19193	5.211	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	26164	5.029	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	12296	3.530	ug/L	97
3) Chloromethane	2.222	50	18974	4.426	ug/L	93
5) Vinyl chloride	2.375	62	24317	4.799	ug/L	95
6) Bromomethane	2.783	94	14747	4.684	ug/L	96
8) Chloroethane	2.936	64	13880	4.754	ug/L	98
9) Trichlorofluoromethane	3.271	101	20092	4.579	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	19622	4.850	ug/L	98
12) 1,1-Dichloroethene	4.045	96	19054	4.643	ug/L	91
13) Acetone	4.131	43	8044	9.298	ug/L	99
14) Carbon disulfide	4.393	76	56868	4.461	ug/L	98
15) Methyl Acetate	4.679	43	8037	4.774	ug/L	98
16) Methylene chloride	4.923	84	30610	5.780	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	21878	4.814	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	33955	4.885	ug/L #	93
19) 1,1-Dichloroethane	6.222	63	40898	4.843	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	24383	4.854	ug/L	88
22) 2-Butanone	7.179	43	11450	9.372	ug/L	99
23) Bromochloromethane	7.520	128	10391	4.877	ug/L	92
25) Chloroform	7.679	83	42325	4.899	ug/L	98
27) 1,2-Dichloroethane	8.404	62	27415	4.958	ug/L	98
29) Cyclohexane	7.953	56	32197	4.639	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	32813	4.843	ug/L	99
31) Carbon tetrachloride	8.069	117	29690	4.878	ug/L	96
33) Benzene	8.325	78	92785	5.007	ug/L	100
34) Trichloroethene	9.087	95	24236	4.857	ug/L	97
35) Methylcyclohexane	9.331	83	39113	4.786	ug/L	98
37) 1,2-Dichloropropane	9.368	63	23657	5.041	ug/L	100
38) Bromodichloromethane	9.642	83	28535	4.819	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	33666	4.661	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	22842	9.778	ug/L	95
42) Toluene	10.386	91	95888	4.859	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	27362	4.682	ug/L	94

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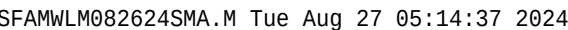
Instrument :
 MSVOA_W
 ClientSampleId :

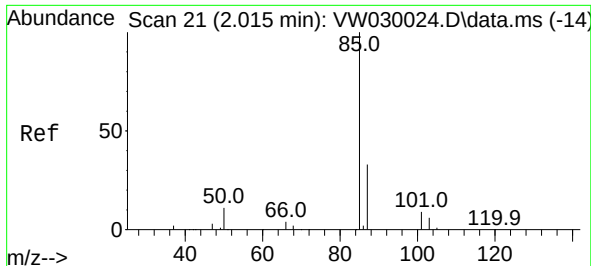
Quant Time: Aug 27 05:14:26 2024
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 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	16884	4.909	ug/L	98
46) Tetrachloroethene	10.861	164	19159	5.059	ug/L	88
48) 2-Hexanone	10.965	43	16182	9.744	ug/L	93
49) Dibromochloromethane	11.123	129	17155	4.694	ug/L	99
50) 1,2-Dibromoethane	11.233	107	15771	4.909	ug/L #	96
51) Chlorobenzene	11.654	112	63459	5.029	ug/L	99
52) Ethylbenzene	11.727	91	107561	4.810	ug/L	98
53) m,p-Xylene	11.837	106	40351	4.835	ug/L	96
54) o-Xylene	12.160	106	38856	4.851	ug/L	98
55) Styrene	12.178	104	64512	4.807	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	19302	4.983	ug/L	96
59) Bromoform	12.343	173	9581	4.473	ug/L #	36
60) Isopropylbenzene	12.458	105	104301	4.546	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	14242	4.870	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	68811	4.033	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	80484	4.476	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	46283	4.731	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	47958	4.853	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	41407	4.732	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	3063	4.893	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	31676	4.960	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	26207	4.741	ug/L	97
71) Naphthalene	15.360	128	46233	4.380	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	24070	4.961	ug/L	93

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

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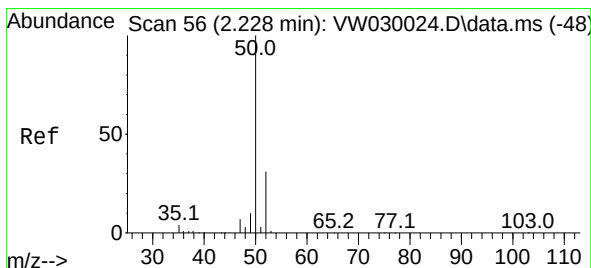
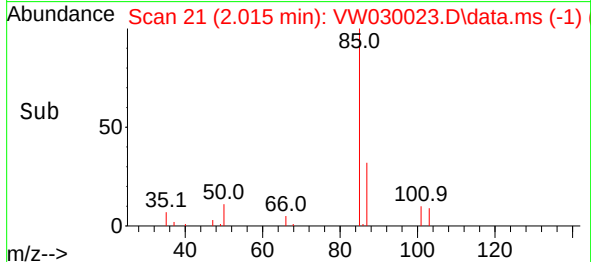
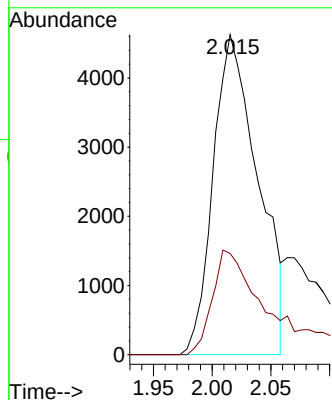
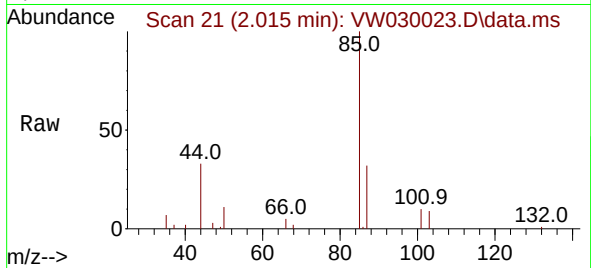




#2
 Dichlorodifluoromethane
 Concen: 3.530 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030023.D
 Acq: 26 Aug 2024 12:02

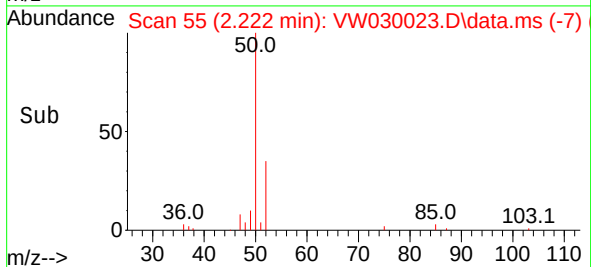
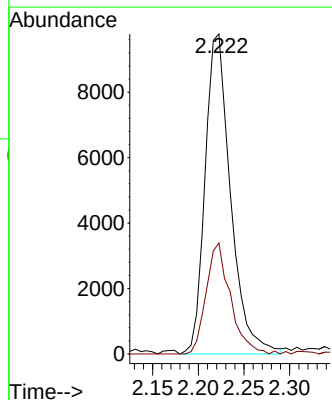
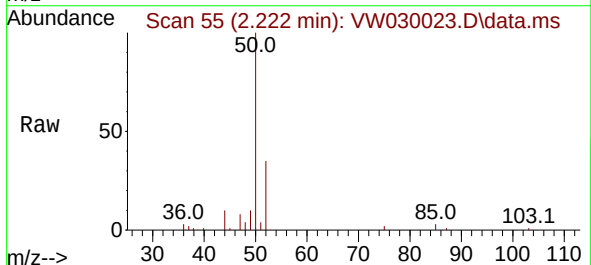
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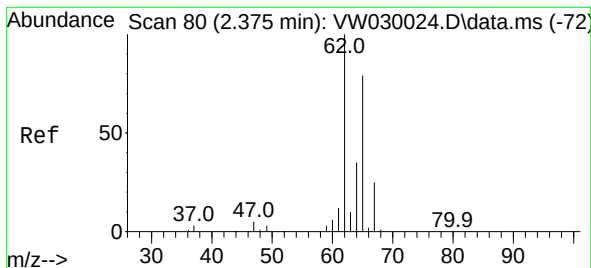
Tgt Ion: 85 Resp: 12296
 Ion Ratio Lower Upper
 85 100
 87 31.8 24.2 36.2



#3
 Chloromethane
 Concen: 4.426 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW030023.D
 Acq: 26 Aug 2024 12:02

Tgt Ion: 50 Resp: 18974
 Ion Ratio Lower Upper
 50 100
 52 34.6 21.6 40.2





#5

Vinyl chloride

Concen: 4.799 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

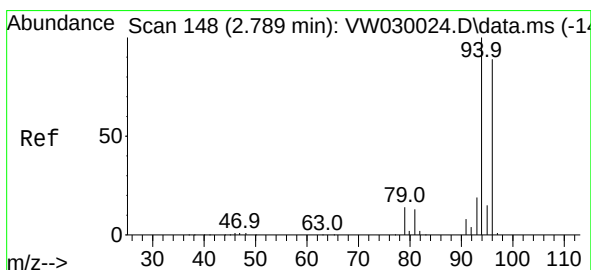
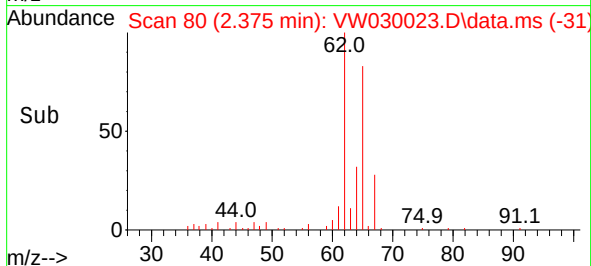
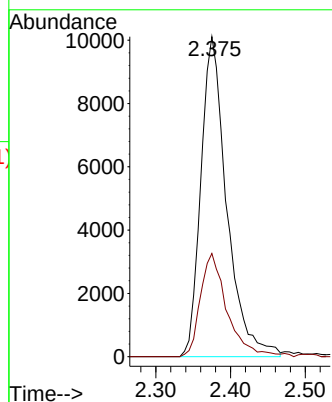
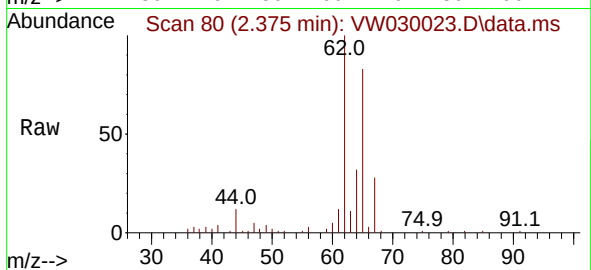
ClientSampleId :

Tgt Ion: 62 Resp: 24317

Ion Ratio Lower Upper

62 100

64 32.2 24.4 45.4



#6

Bromomethane

Concen: 4.684 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW030023.D

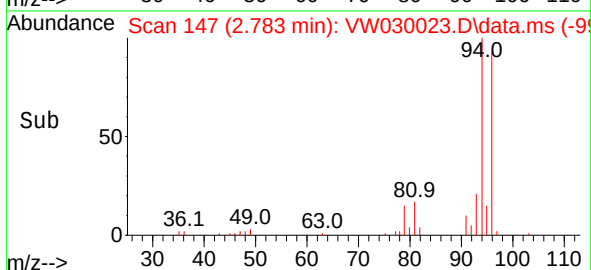
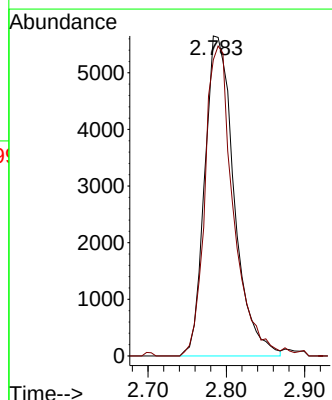
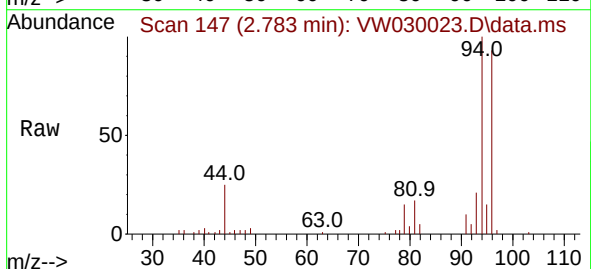
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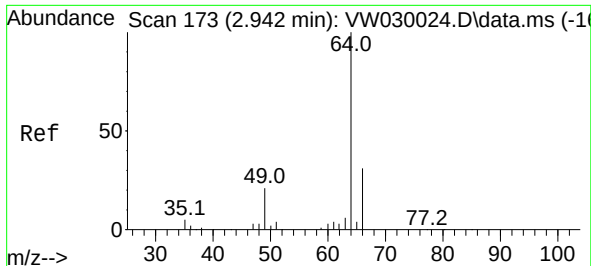
Tgt Ion: 94 Resp: 14747

Ion Ratio Lower Upper

94 100

96 92.6 62.4 115.8

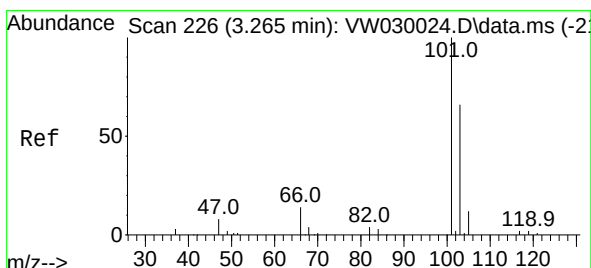
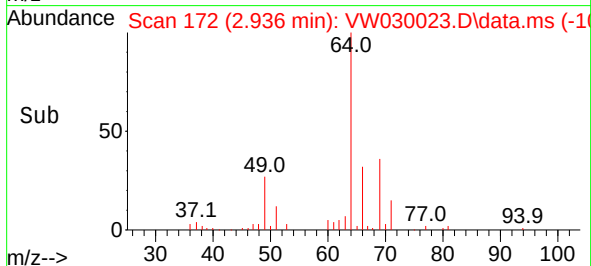
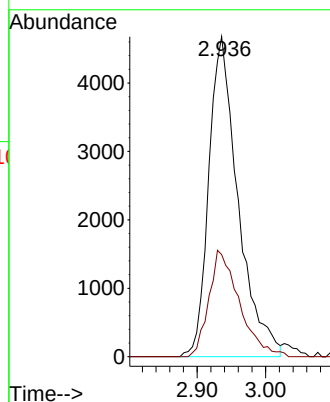
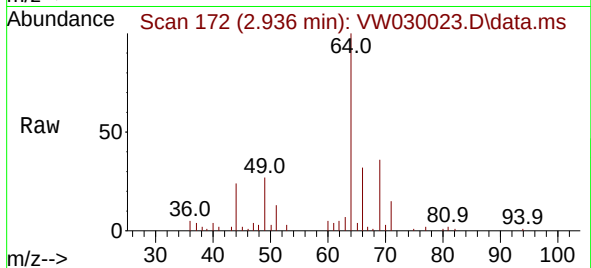




#8
Chloroethane
Concen: 4.754 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

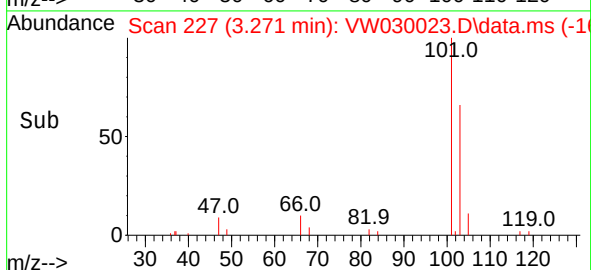
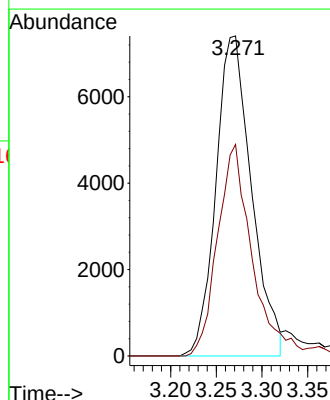
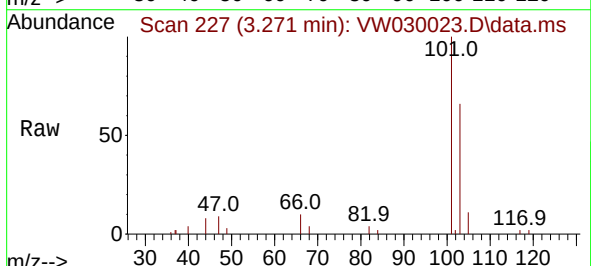
Instrument :
MSVOA_W
ClientSampleId :

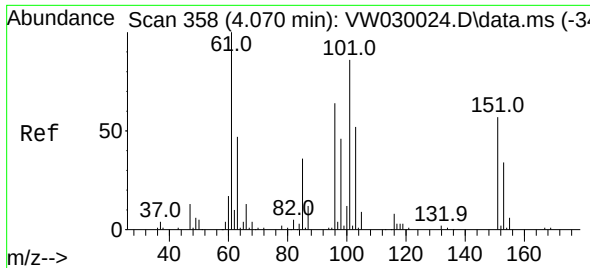
Tgt Ion: 64 Resp: 13880
Ion Ratio Lower Upper
64 100
66 31.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 4.579 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

Tgt Ion:101 Resp: 20092
Ion Ratio Lower Upper
101 100
103 63.8 50.7 76.1





#10

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

Concen: 4.850 ug/L

RT: 4.064 min Scan# 357

Delta R.T. -0.006 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

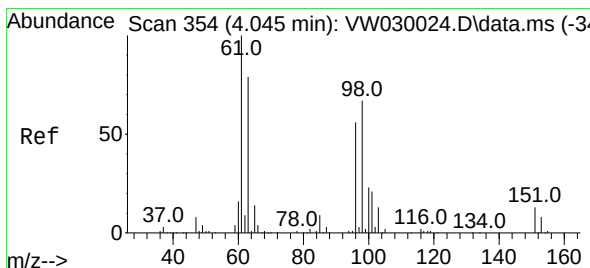
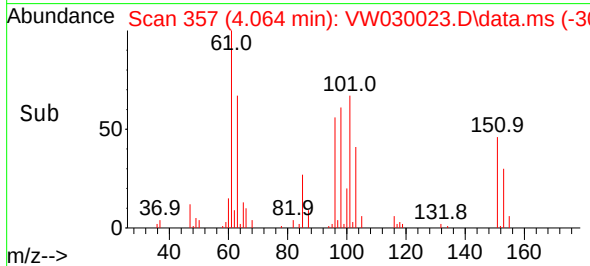
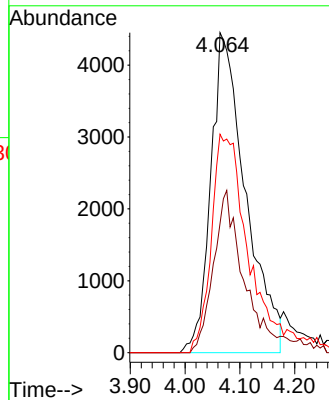
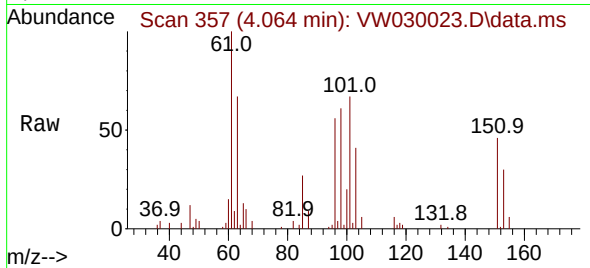
Tgt Ion:101 Resp: 19622

Ion Ratio Lower Upper

101 100

85 40.6 34.7 52.1

151 69.1 54.8 82.2



#12

1,1-Dichloroethene

Concen: 4.643 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

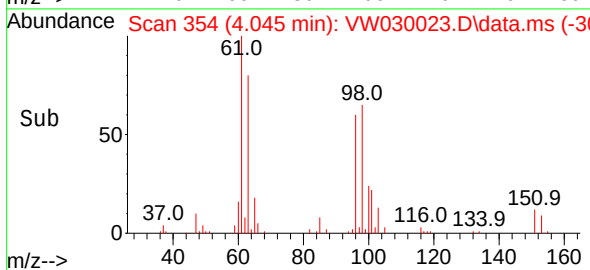
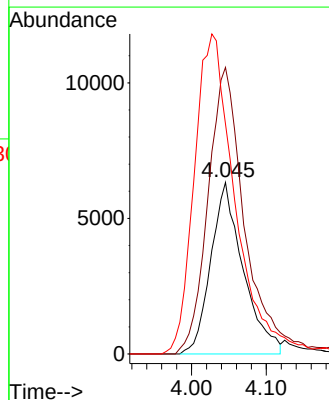
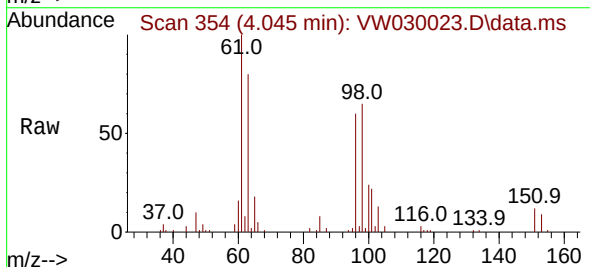
Tgt Ion: 96 Resp: 19054

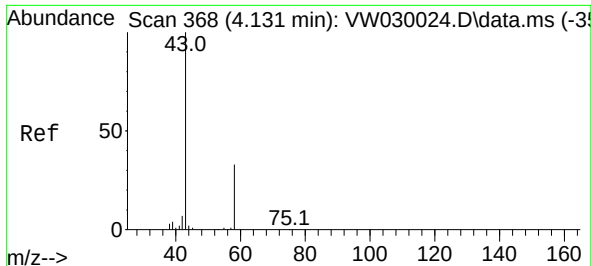
Ion Ratio Lower Upper

96 100

61 167.1 126.0 234.0

63 134.2 101.8 189.2

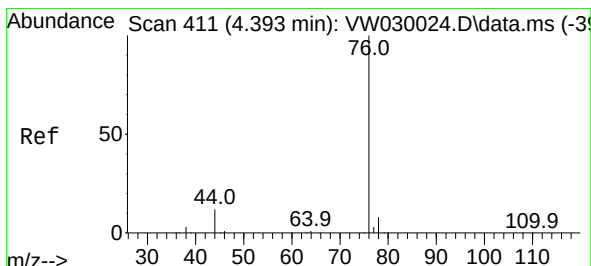
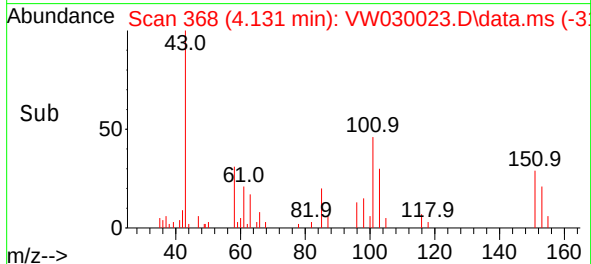
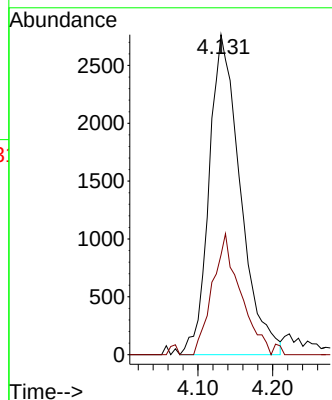
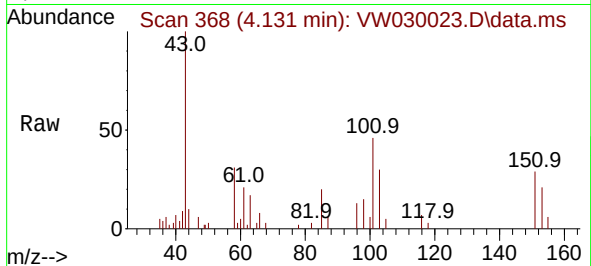




#13
Acetone
Concen: 9.298 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

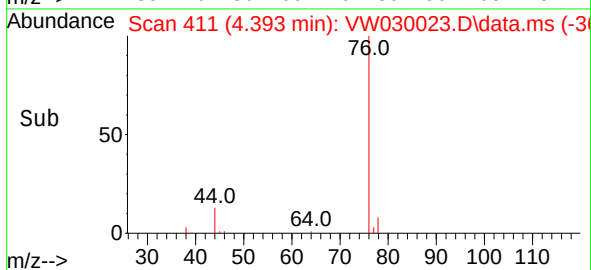
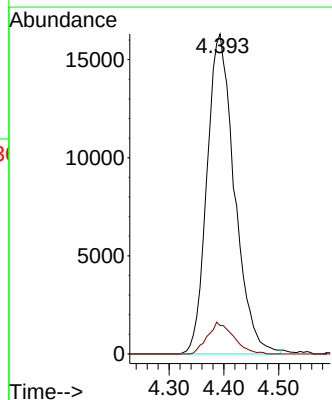
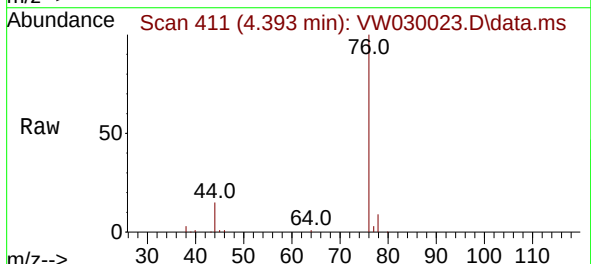
Instrument :
MSVOA_W
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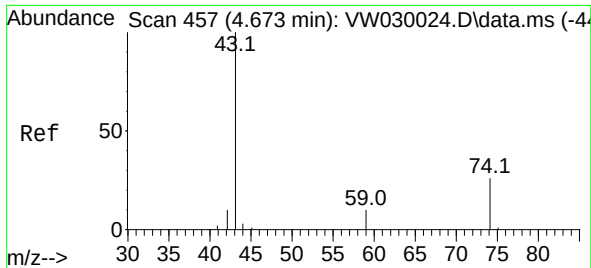
Tgt Ion: 43 Resp: 8044
Ion Ratio Lower Upper
43 100
58 33.9 0.0 66.4



#14
Carbon disulfide
Concen: 4.461 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

Tgt Ion: 76 Resp: 56868
Ion Ratio Lower Upper
76 100
78 8.9 6.6 9.8

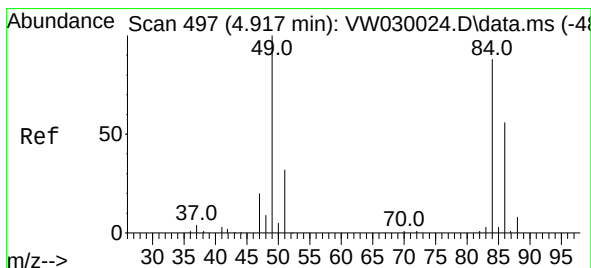
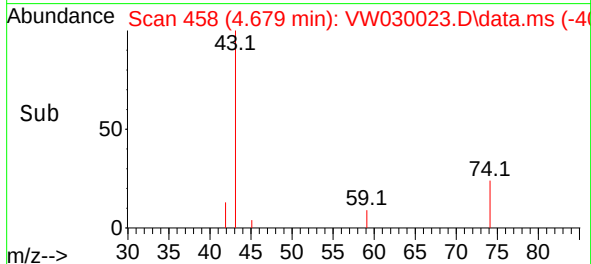
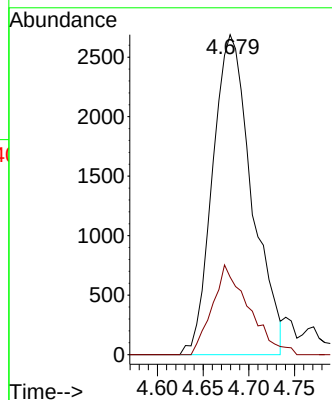
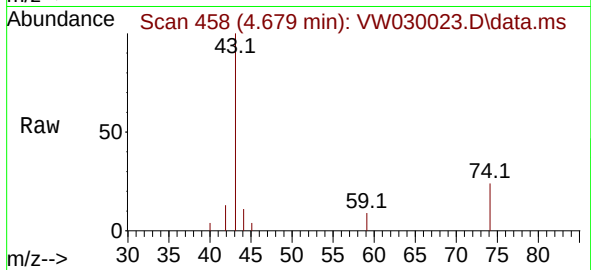




#15
Methyl Acetate
Concen: 4.774 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

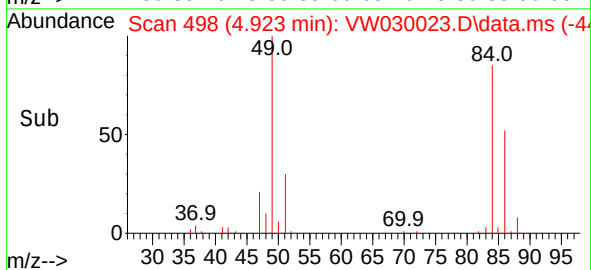
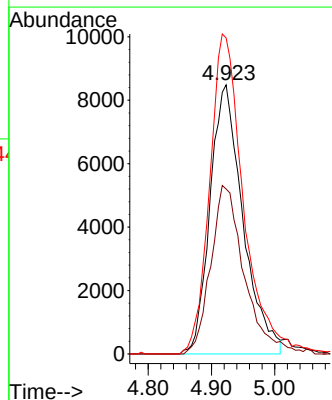
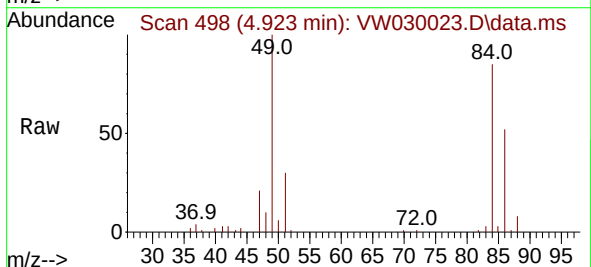
Instrument :
MSVOA_W
ClientSampleId :

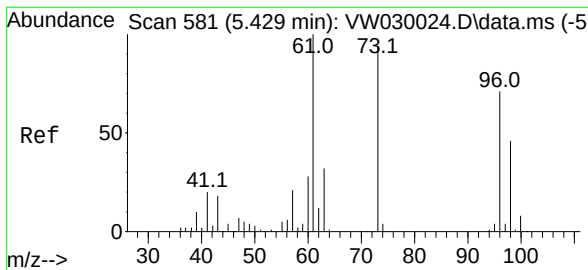
Tgt Ion: 43 Resp: 8037
Ion Ratio Lower Upper
43 100
74 25.9 19.9 29.9



#16
Methylene chloride
Concen: 5.780 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

Tgt Ion: 84 Resp: 30610
Ion Ratio Lower Upper
84 100
86 61.3 44.2 82.2
49 117.4 79.9 148.3

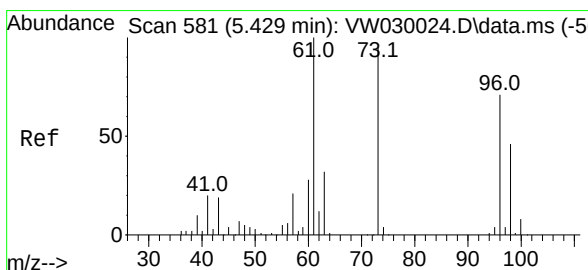
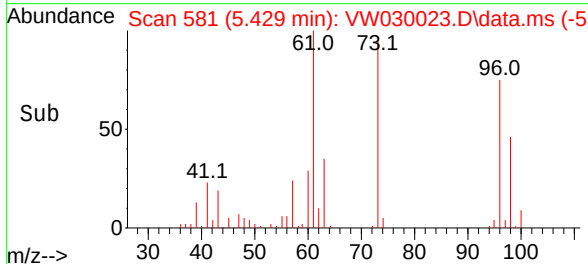
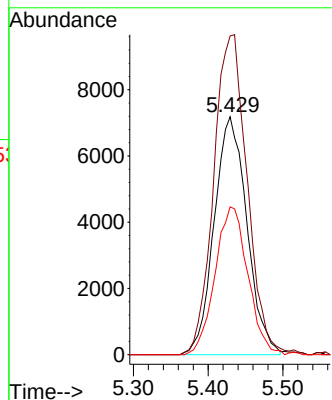
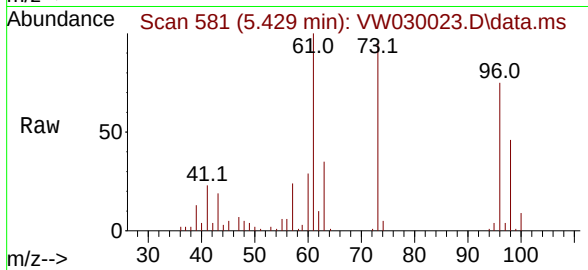




#17
trans-1,2-Dichloroethene
Concen: 4.814 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

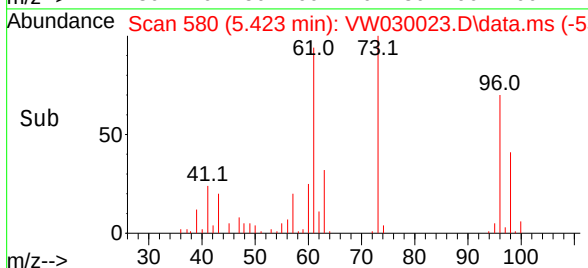
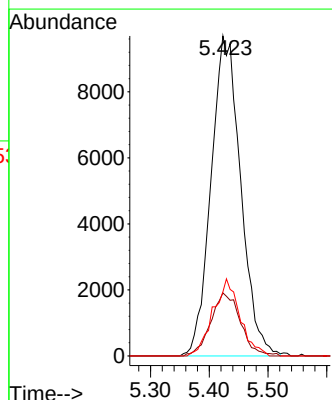
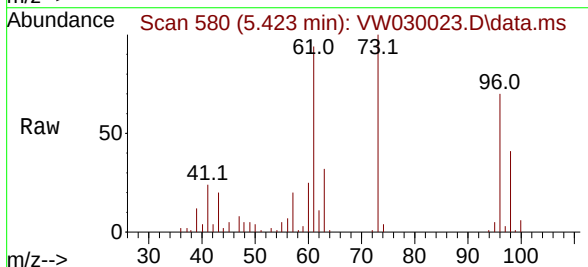
Instrument :
MSVOA_W
ClientSampleId :

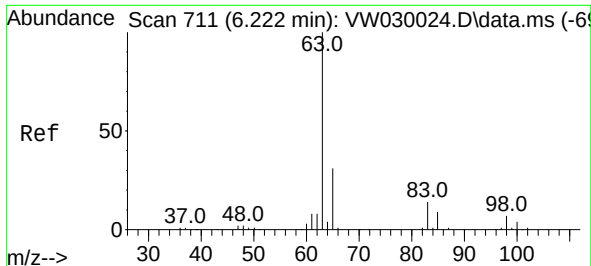
Tgt Ion: 96 Resp: 21878
Ion Ratio Lower Upper
96 100
61 134.0 98.3 182.7
98 62.1 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 4.885 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

Tgt Ion: 73 Resp: 33955
Ion Ratio Lower Upper
73 100
43 19.7 15.4 23.2
57 16.1 17.4 26.0#





#19

1,1-Dichloroethane

Concen: 4.843 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

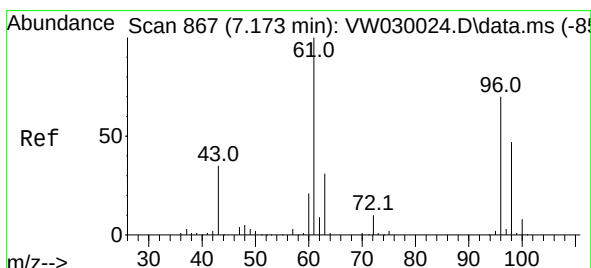
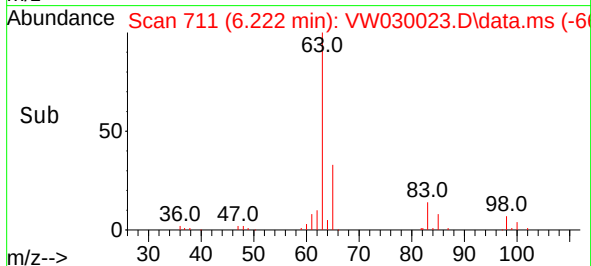
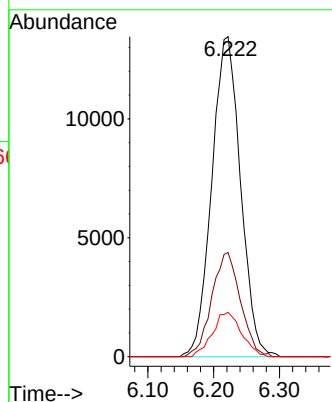
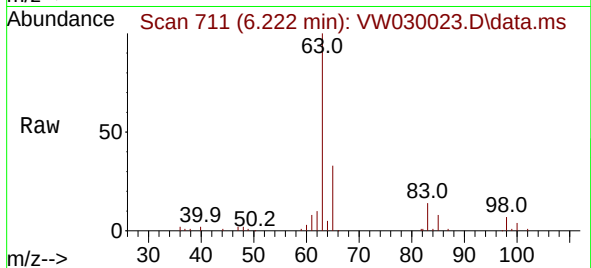
Tgt Ion: 63 Resp: 40898

Ion Ratio Lower Upper

63 100

65 32.5 21.6 40.0

83 13.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 4.854 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

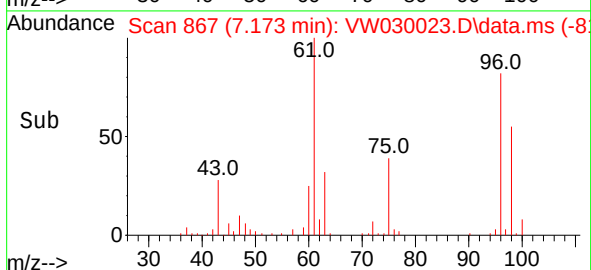
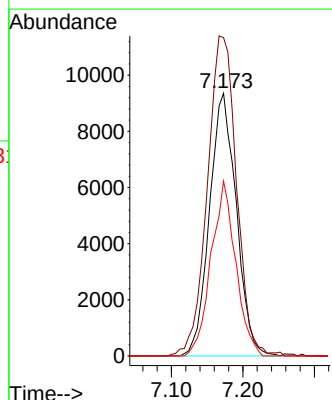
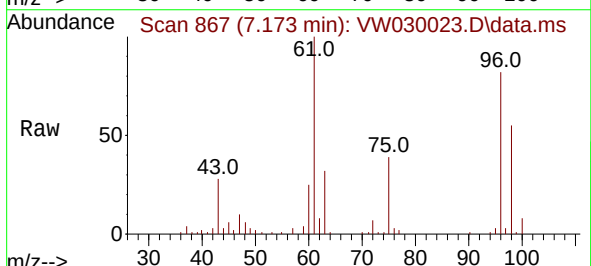
Tgt Ion: 96 Resp: 24383

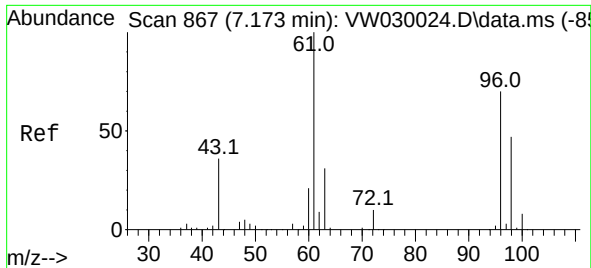
Ion Ratio Lower Upper

96 100

61 121.2 99.6 185.0

98 66.6 46.5 86.5

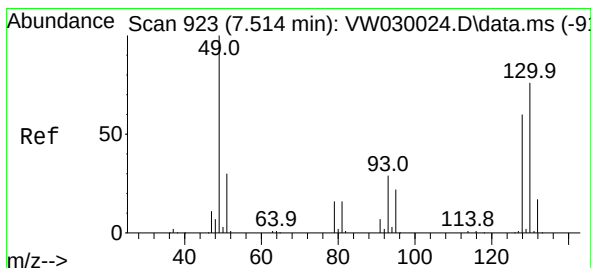
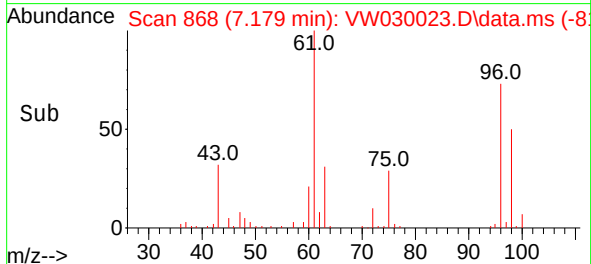
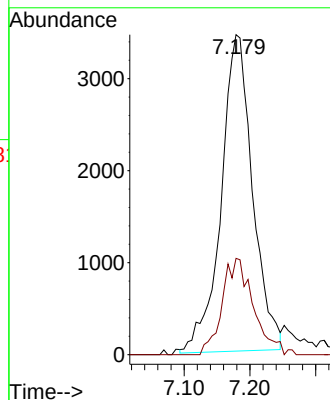
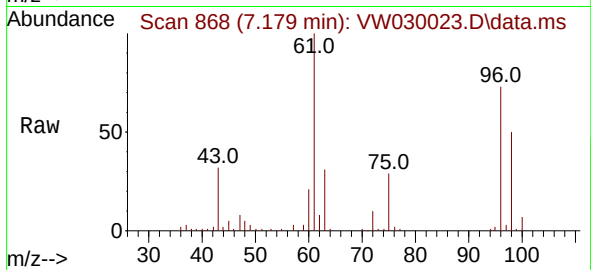




#22
2-Butanone
Concen: 9.372 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

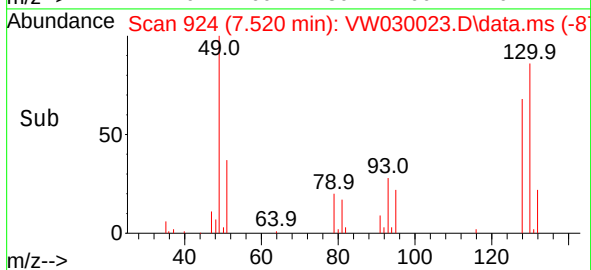
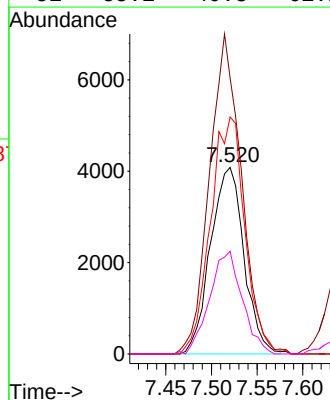
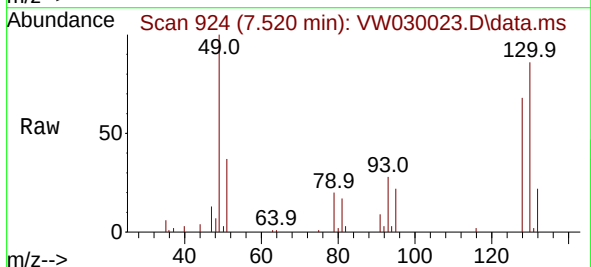
Instrument :
MSVOA_W
ClientSampleId :

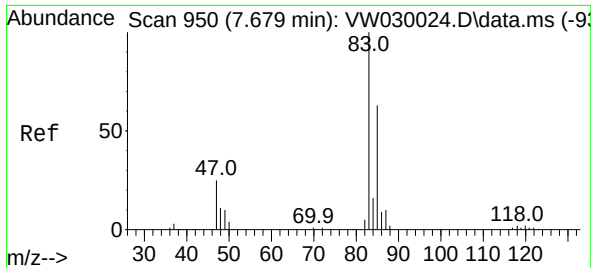
Tgt Ion: 43 Resp: 11450
Ion Ratio Lower Upper
43 100
72 29.6 15.0 45.1



#23
Bromochloromethane
Concen: 4.877 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

Tgt Ion: 128 Resp: 10391
Ion Ratio Lower Upper
128 100
49 147.9 117.3 217.9
130 127.0 89.3 165.9
51 55.1 40.8 61.2





#25

Chloroform

Concen: 4.899 ug/L

RT: 7.679 min Scan# 90

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

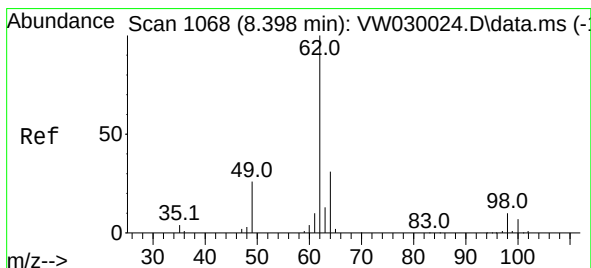
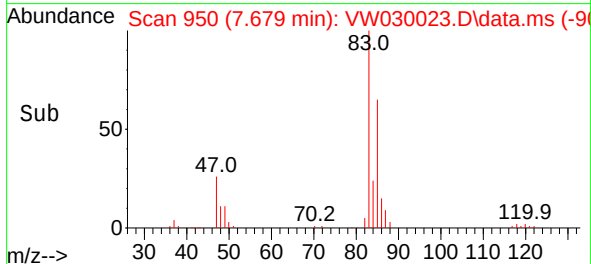
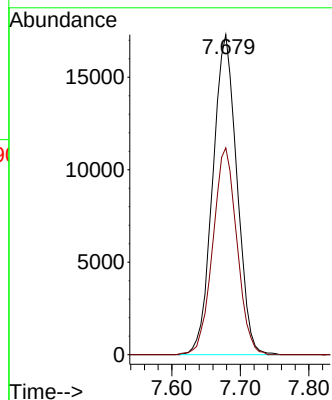
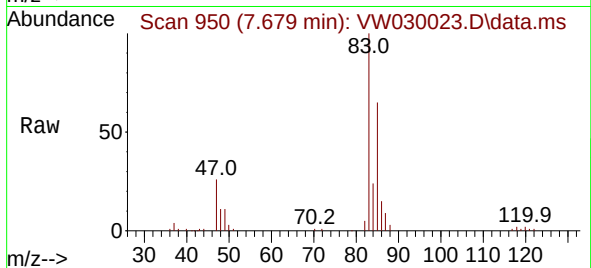
ClientSampleId :

Tgt Ion: 83 Resp: 42325

Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 4.958 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW030023.D

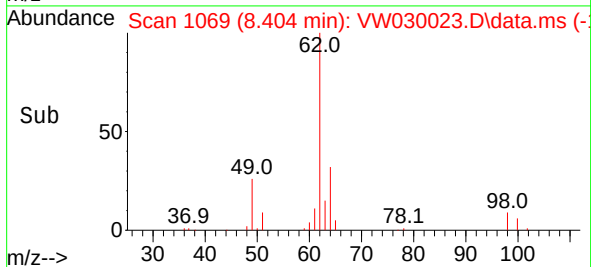
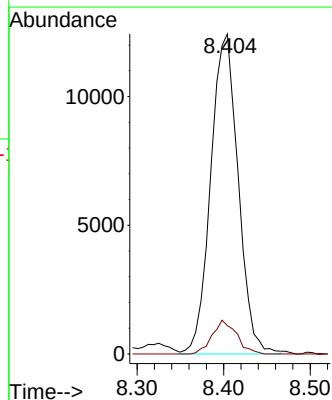
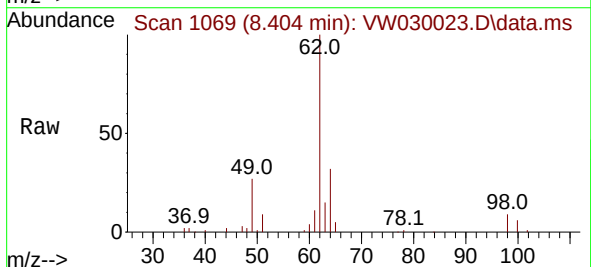
Acq: 26 Aug 2024 12:02

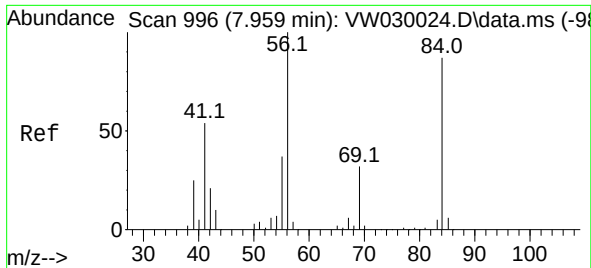
Tgt Ion: 62 Resp: 27415

Ion Ratio Lower Upper

62 100

98 8.8 7.7 11.5





#29

Cyclohexane

Concen: 4.639 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

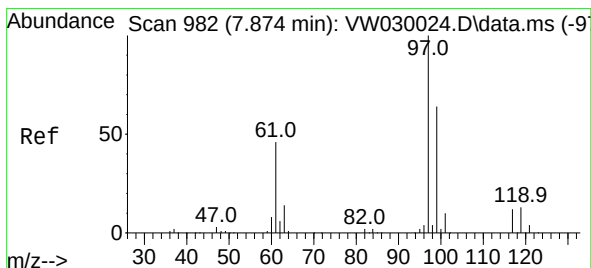
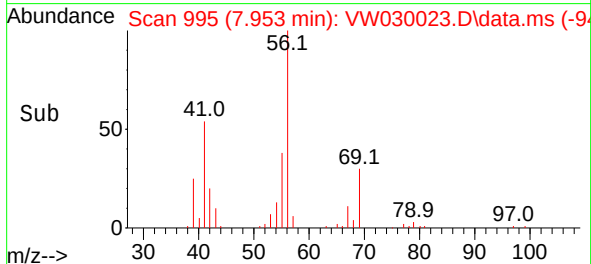
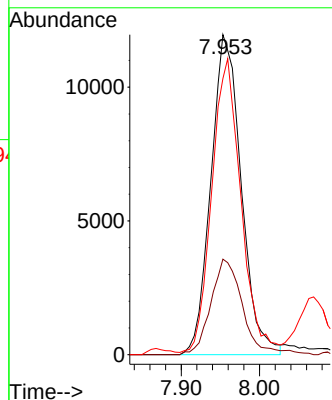
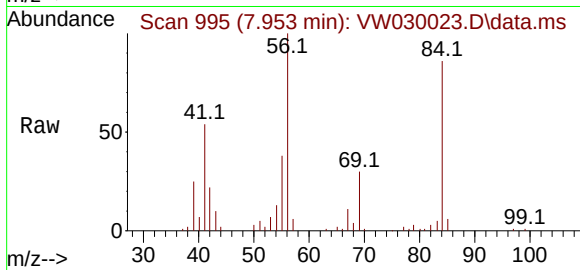
Tgt Ion: 56 Resp: 32197

Ion Ratio Lower Upper

56 100

69 30.5 24.4 36.6

84 89.6 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 4.843 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

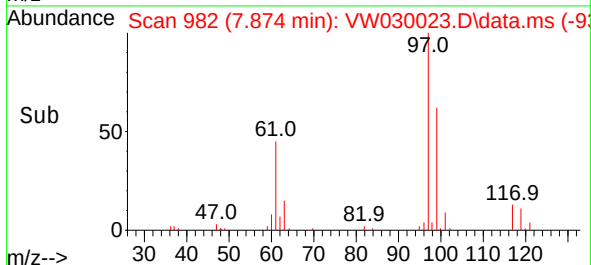
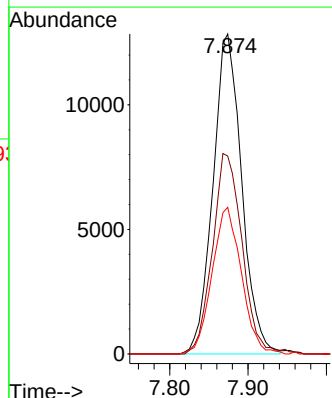
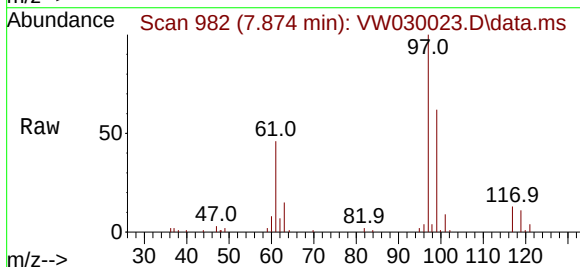
Tgt Ion: 97 Resp: 32813

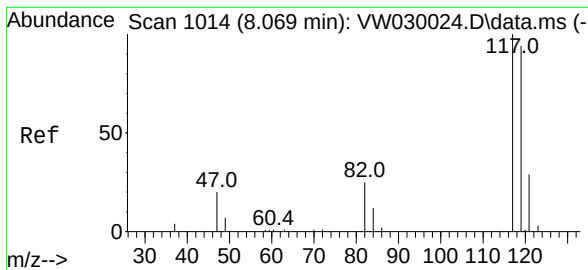
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 46.7 37.2 55.8

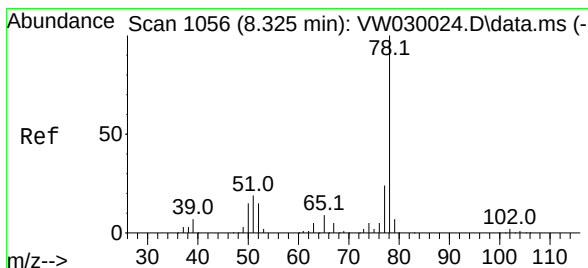
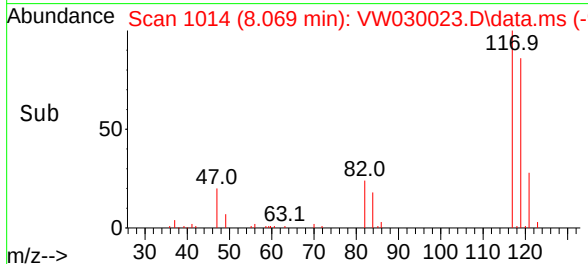
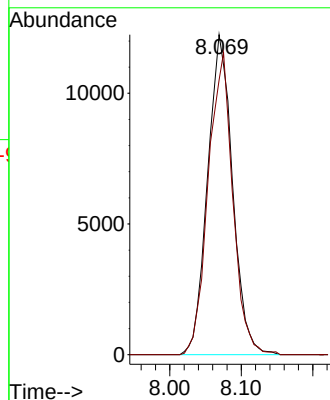
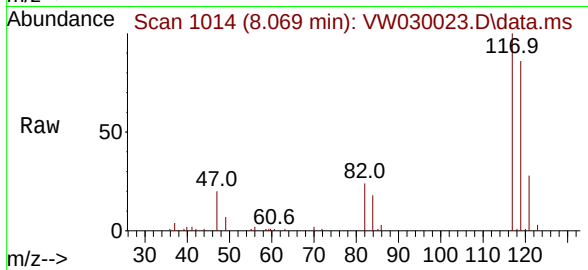




#31
Carbon tetrachloride
Concen: 4.878 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

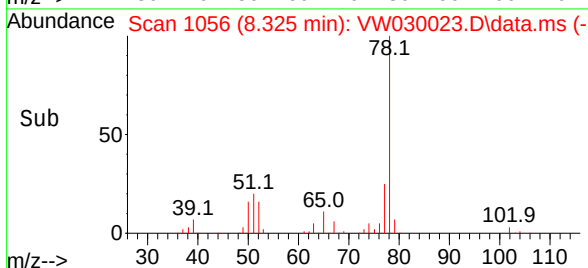
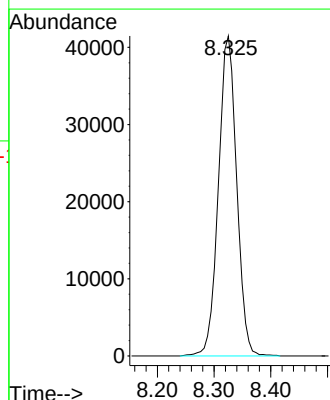
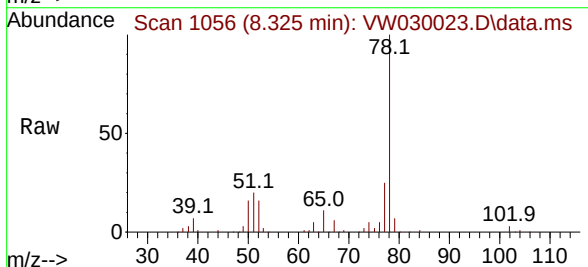
Instrument :
MSVOA_W
ClientSampleId :

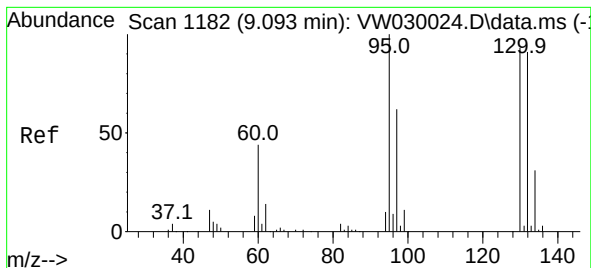
Tgt Ion:117 Resp: 29690
Ion Ratio Lower Upper
117 100
119 93.0 77.7 116.5



#33
Benzene
Concen: 5.007 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

Tgt Ion: 78 Resp: 92785





#34

Trichloroethene

Concen: 4.857 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 24236

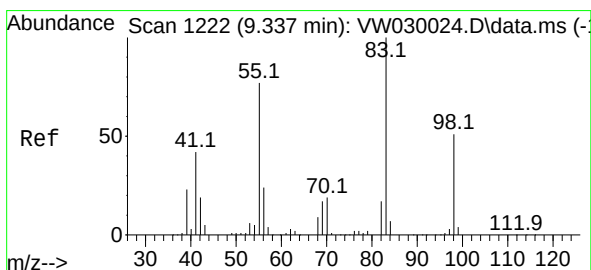
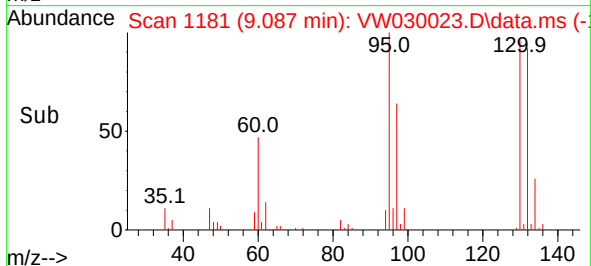
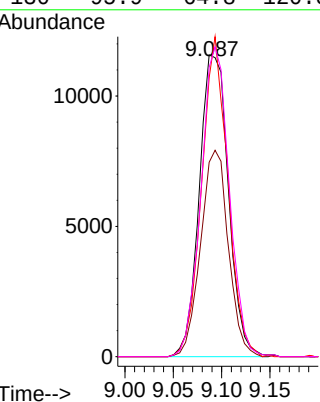
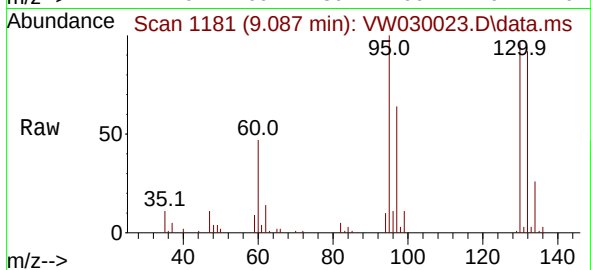
Ion Ratio Lower Upper

95 100

97 64.4 43.3 80.5

132 92.5 63.6 118.0

130 95.9 64.8 120.3



#35

Methylcyclohexane

Concen: 4.786 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

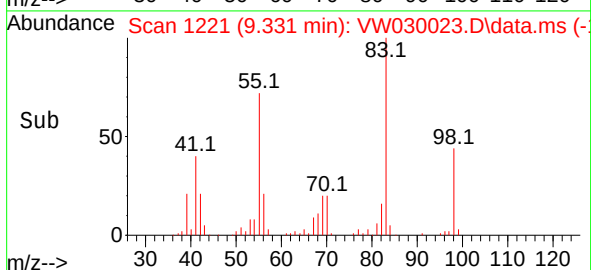
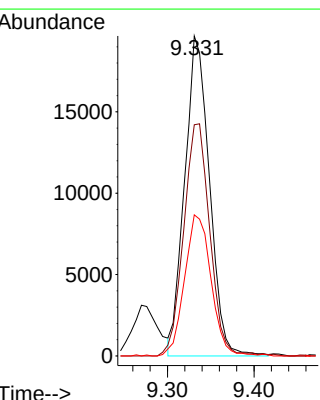
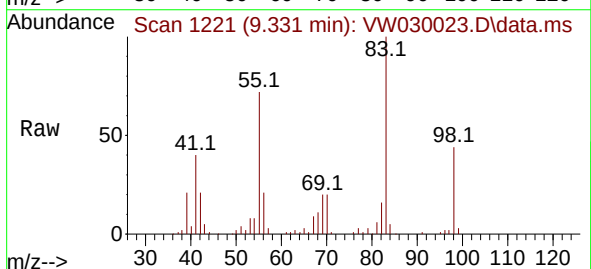
Tgt Ion: 83 Resp: 39113

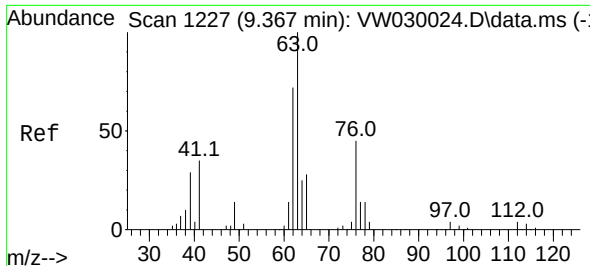
Ion Ratio Lower Upper

83 100

55 76.1 59.0 88.6

98 47.1 38.2 57.4





#37

1,2-Dichloropropane

Concen: 5.041 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

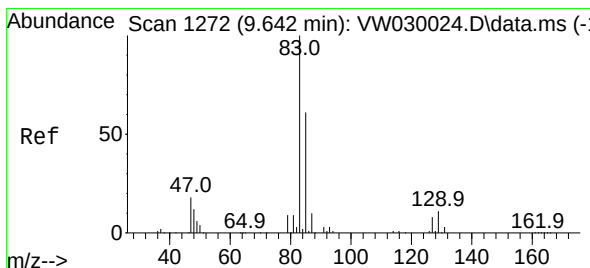
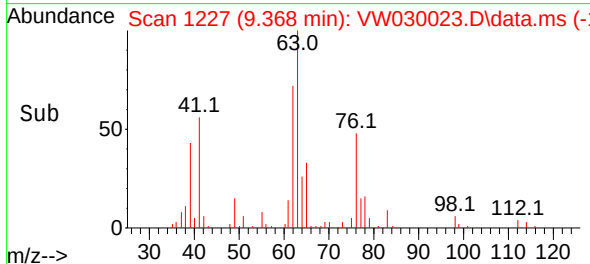
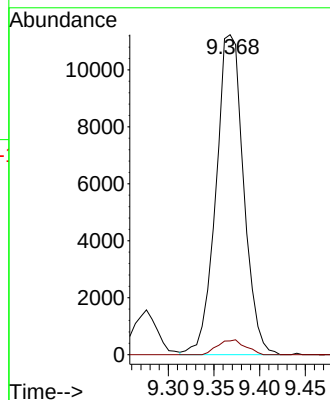
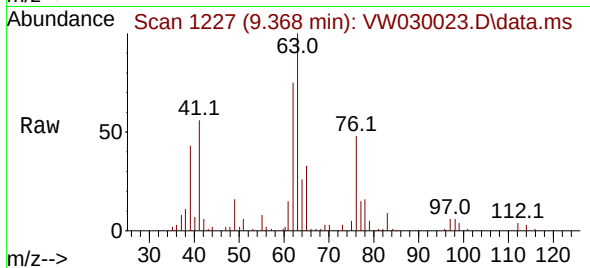
ClientSampleId :

Tgt Ion: 63 Resp: 23657

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 4.819 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

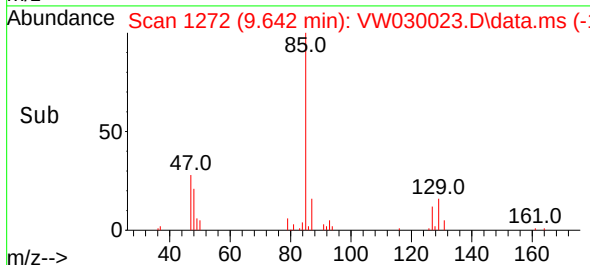
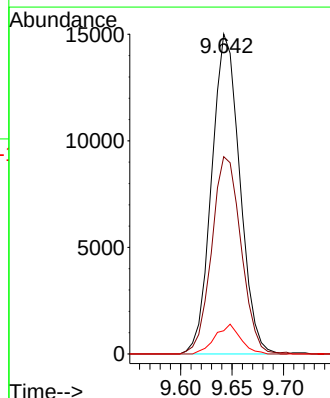
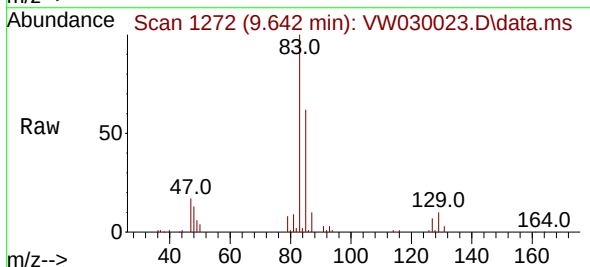
Tgt Ion: 83 Resp: 28535

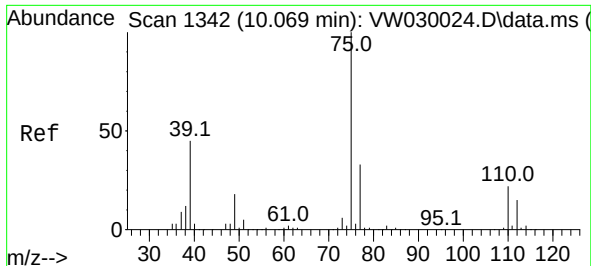
Ion Ratio Lower Upper

83 100

85 61.7 42.9 79.7

127 7.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.661 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

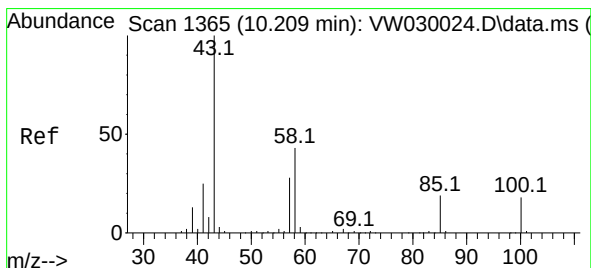
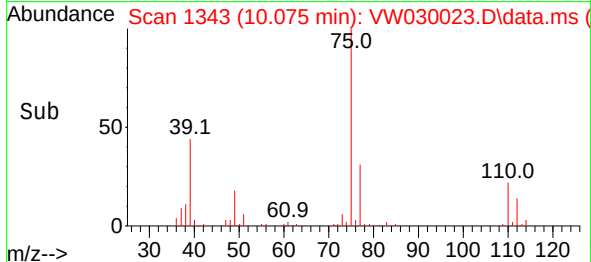
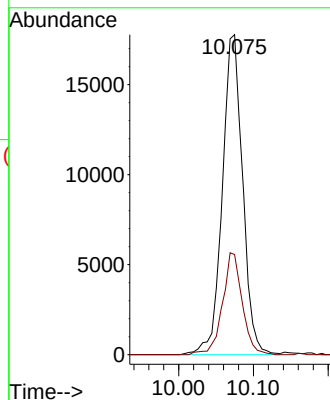
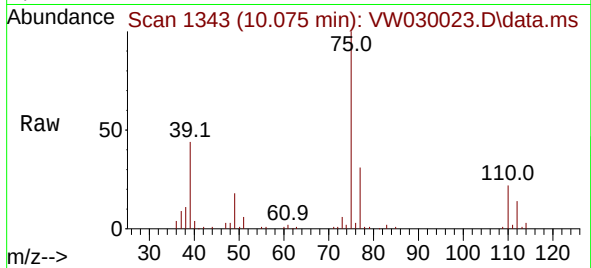
ClientSampleId :

Tgt Ion: 75 Resp: 33666

Ion Ratio Lower Upper

75 100

77 31.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 9.778 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

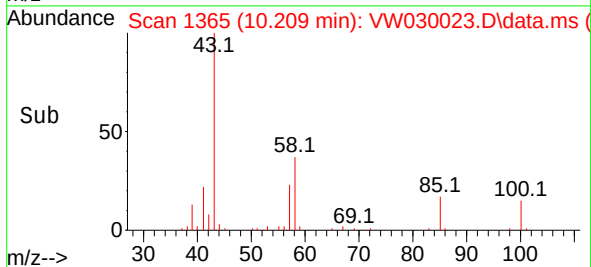
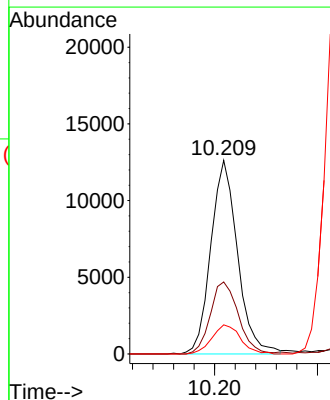
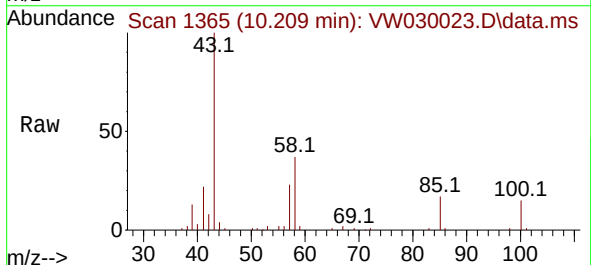
Tgt Ion: 43 Resp: 22842

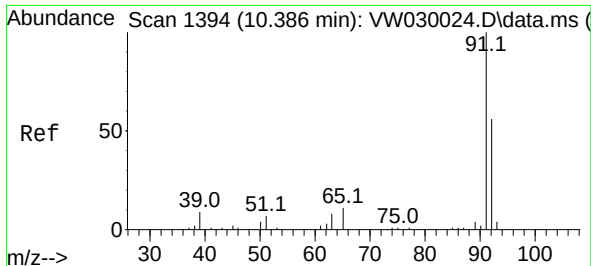
Ion Ratio Lower Upper

43 100

58 38.9 34.0 51.0

100 16.0 13.5 20.3

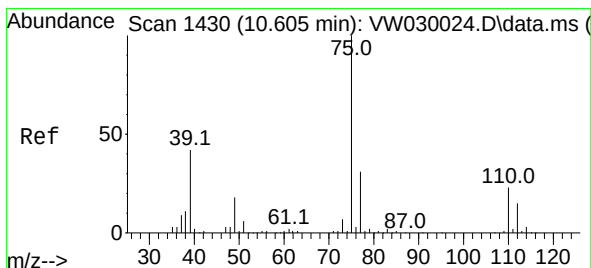
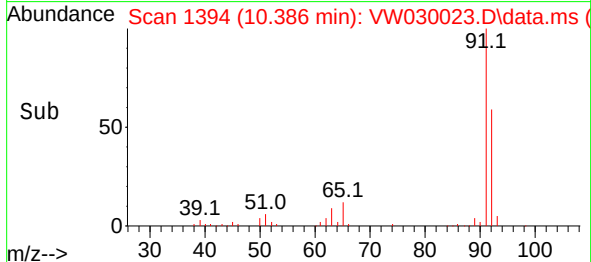
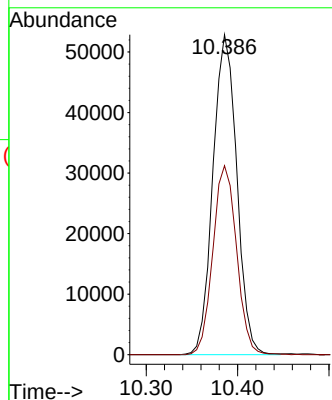
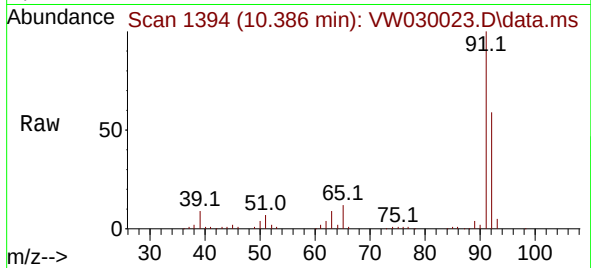




#42
Toluene
Concen: 4.859 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

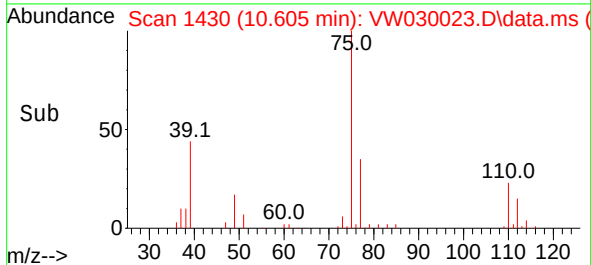
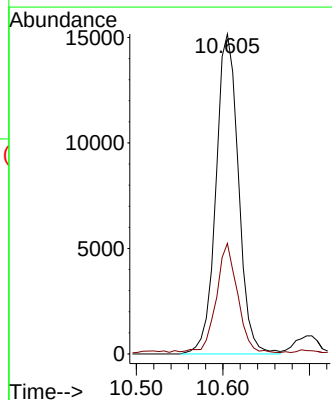
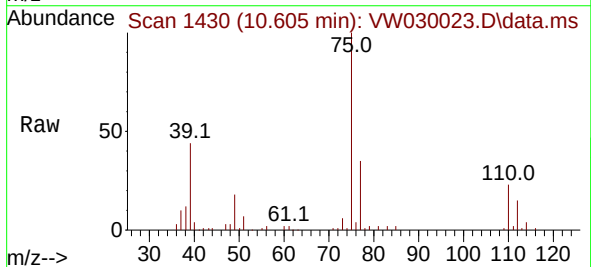
Instrument :
MSVOA_W
ClientSampleId :

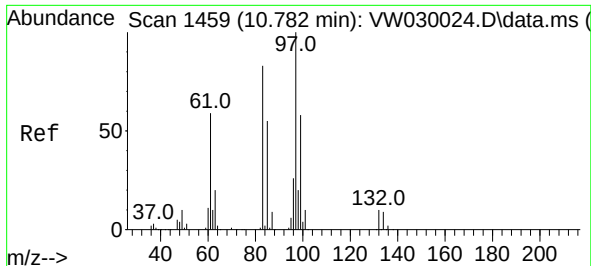
Tgt Ion: 91 Resp: 95888
Ion Ratio Lower Upper
91 100
92 59.0 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 4.682 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

Tgt Ion: 75 Resp: 27362
Ion Ratio Lower Upper
75 100
77 34.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 4.909 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 16884

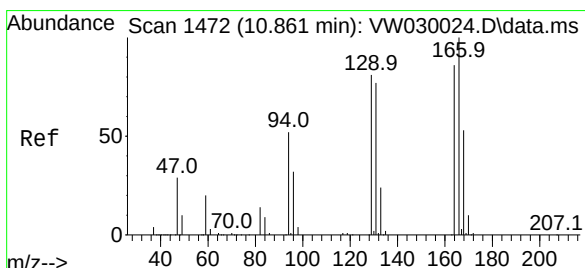
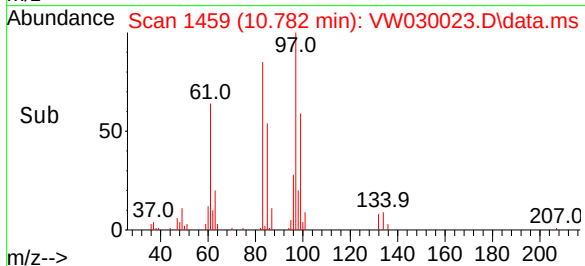
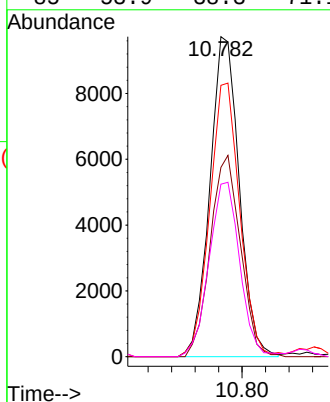
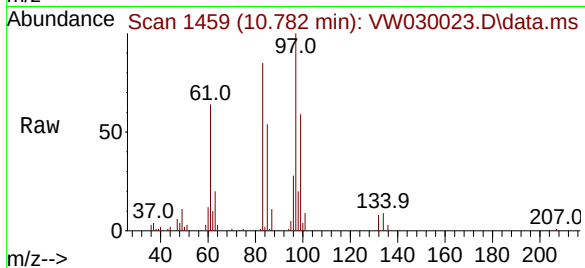
Ion Ratio Lower Upper

97 100

99 59.2 40.3 74.8

83 84.8 58.0 107.6

85 53.9 38.3 71.1



#46

Tetrachloroethene

Concen: 5.059 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Tgt Ion:164 Resp: 19159

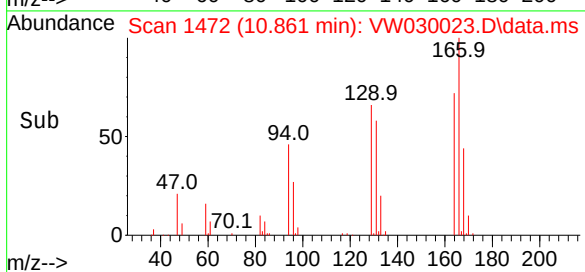
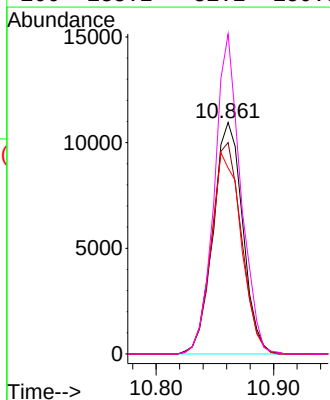
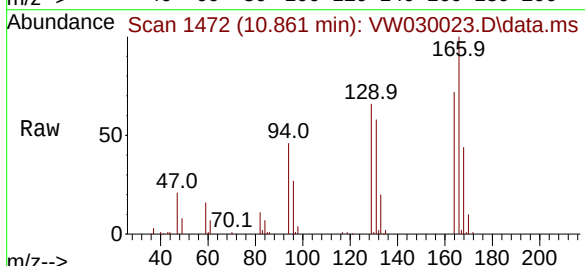
Ion Ratio Lower Upper

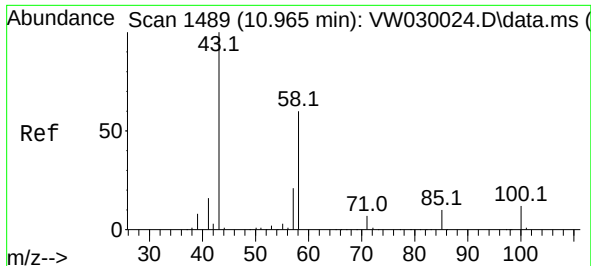
164 100

129 91.3 66.1 122.7

131 80.3 62.6 116.2

166 138.2 81.2 150.8

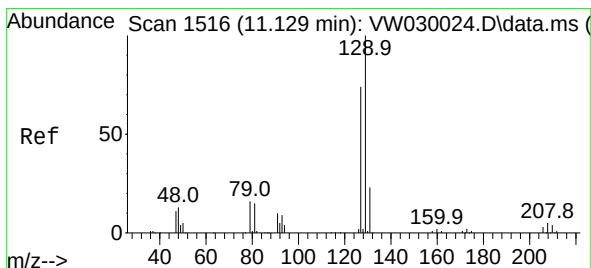
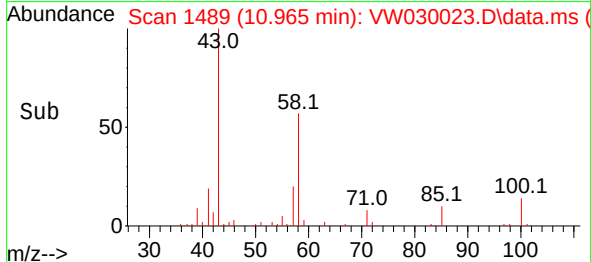
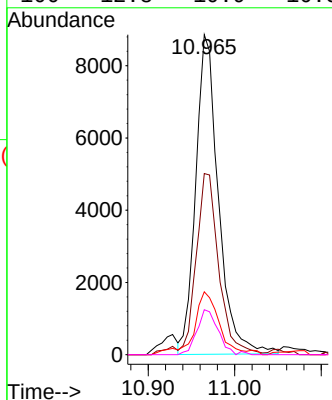
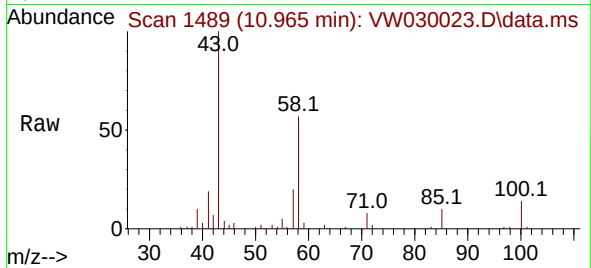




#48
2-Hexanone
Concen: 9.744 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

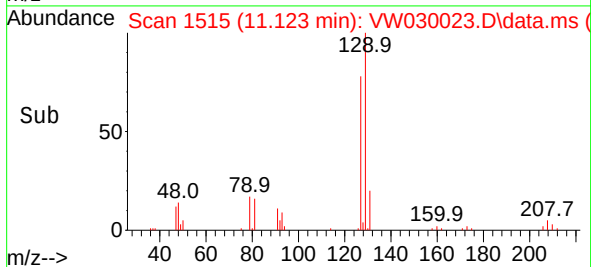
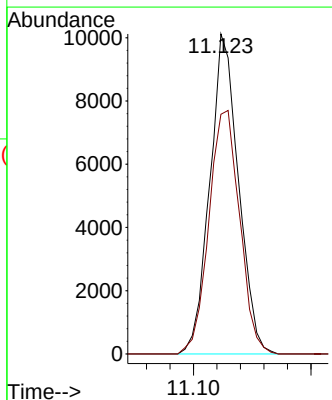
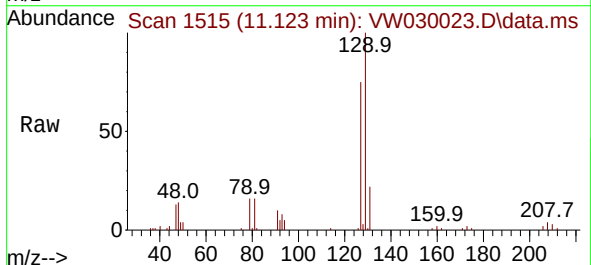
Instrument :
MSVOA_W
ClientSampleId :

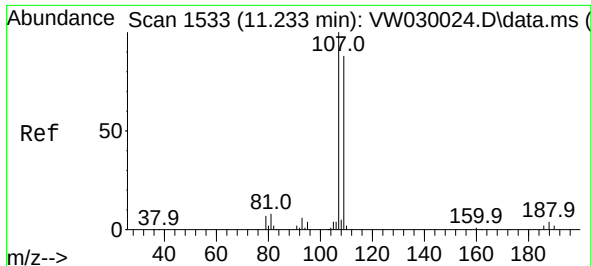
Tgt Ion:	43	Resp:	16182
Ion	Ratio	Lower	Upper
43	100		
58	55.9	50.0	75.0
57	19.9	17.3	25.9
100	12.8	10.9	16.3



#49
Dibromochloromethane
Concen: 4.694 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

Tgt Ion:	129	Resp:	17155
Ion	Ratio	Lower	Upper
129	100		
127	74.9	51.8	96.2





#50

1,2-Dibromoethane

Concen: 4.909 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

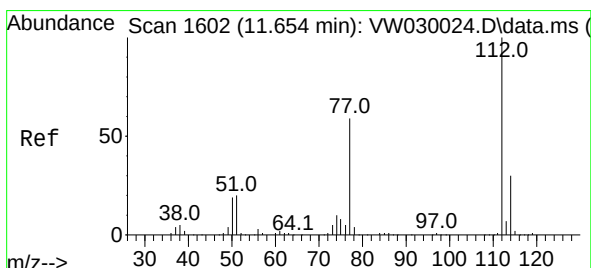
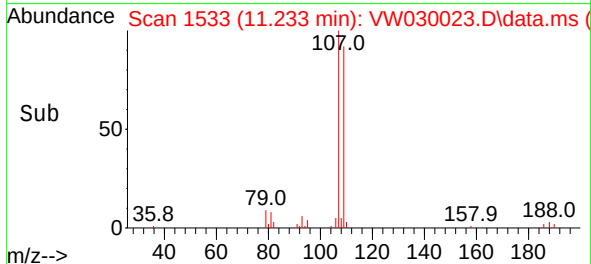
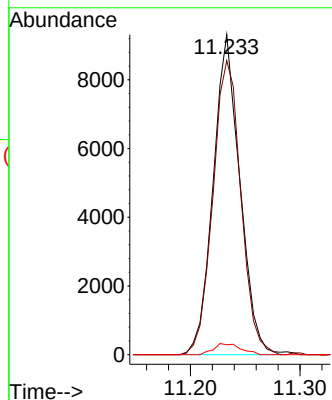
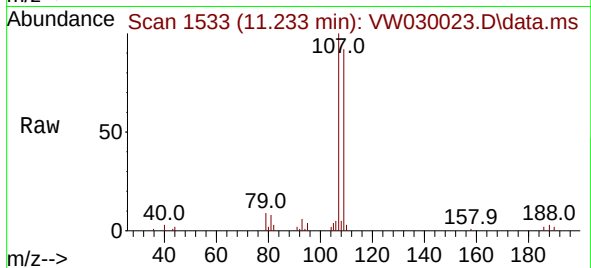
Tgt Ion:107 Resp: 15771

Ion Ratio Lower Upper

107 100

109 91.9 61.7 114.5

188 3.1 3.1 4.7#



#51

Chlorobenzene

Concen: 5.029 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

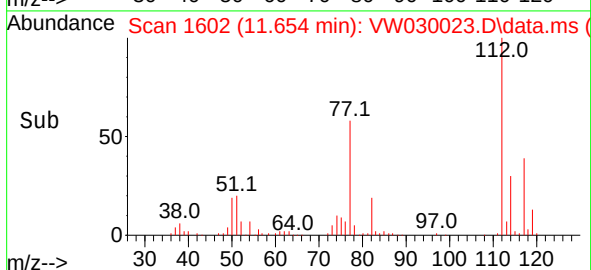
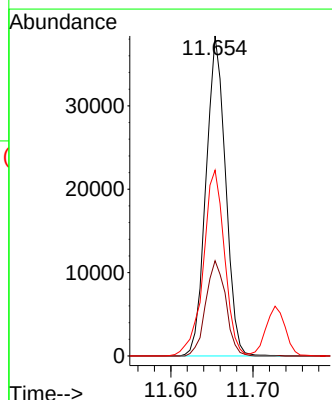
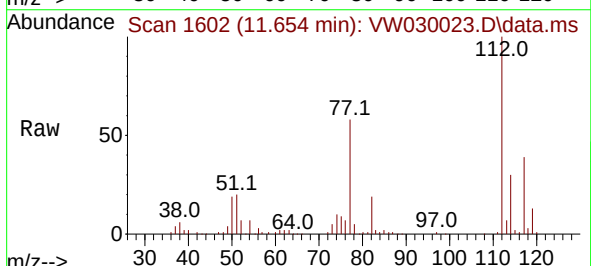
Tgt Ion:112 Resp: 63459

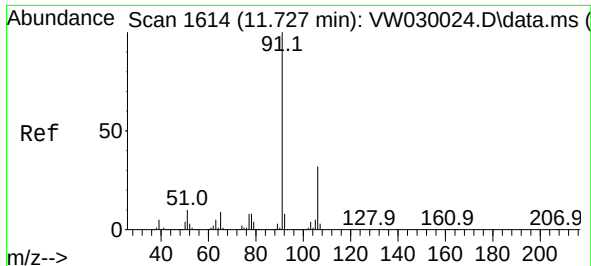
Ion Ratio Lower Upper

112 100

114 29.8 20.9 38.9

77 58.0 47.1 70.7





#52

Ethylbenzene

Concen: 4.810 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

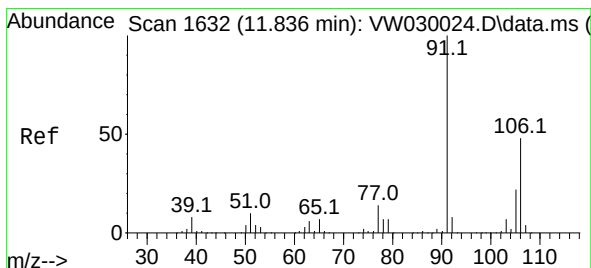
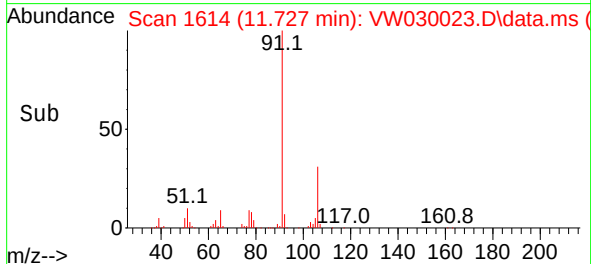
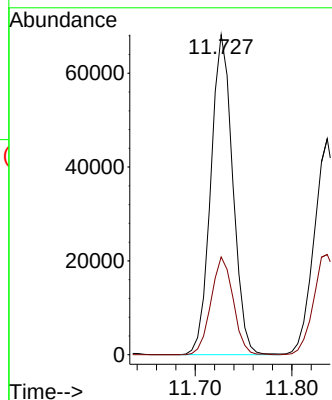
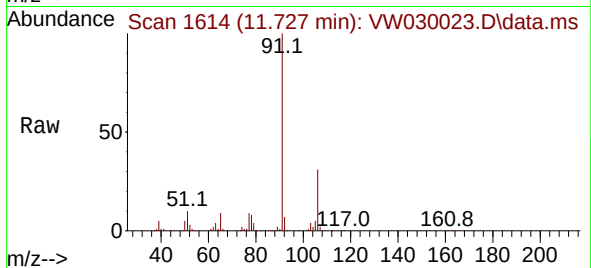
ClientSampleId :

Tgt Ion: 91 Resp: 107561

Ion Ratio Lower Upper

91 100

106 30.6 22.0 41.0



#53

m,p-Xylene

Concen: 4.835 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030023.D

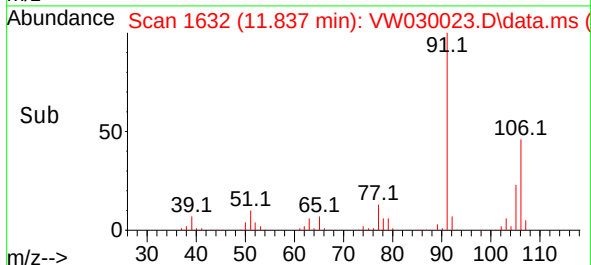
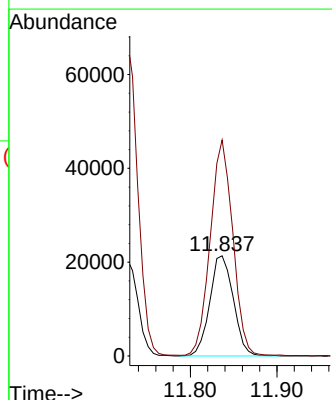
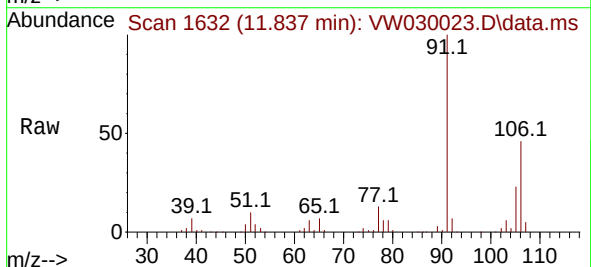
Acq: 26 Aug 2024 12:02

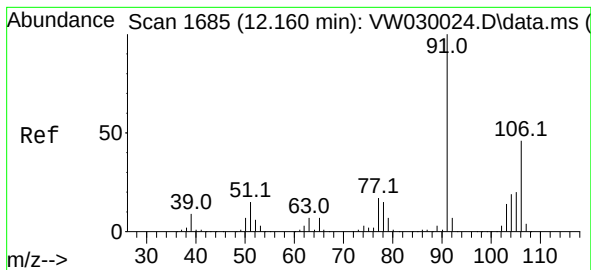
Tgt Ion:106 Resp: 40351

Ion Ratio Lower Upper

106 100

91 215.5 146.7 272.4





#54

o-Xylene

Concen: 4.851 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

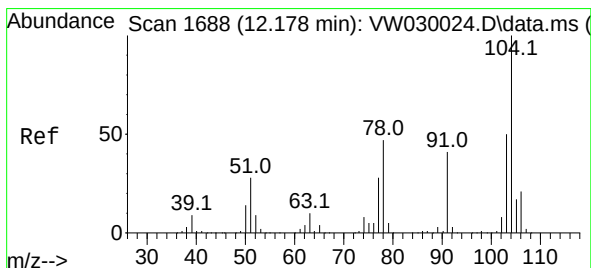
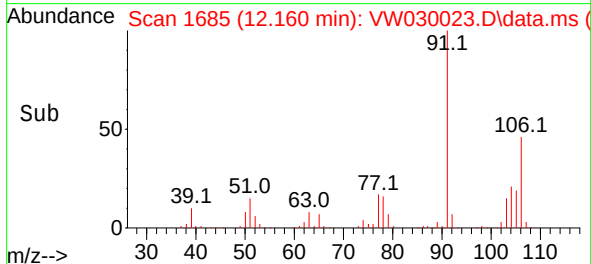
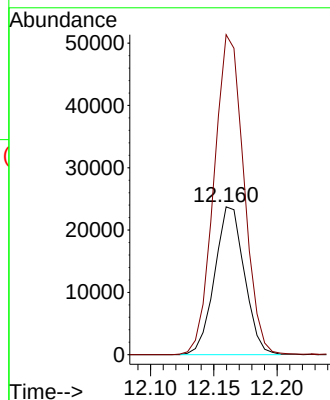
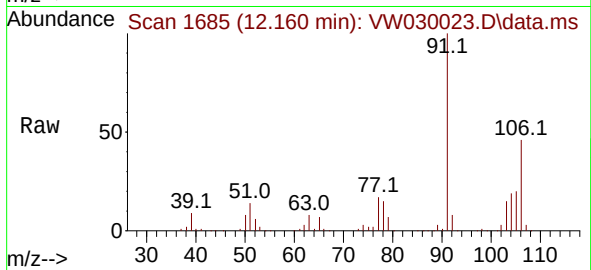
ClientSampleId :

Tgt Ion:106 Resp: 38856

Ion Ratio Lower Upper

106 100

91 216.5 153.9 285.7



#55

Styrene

Concen: 4.807 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030023.D

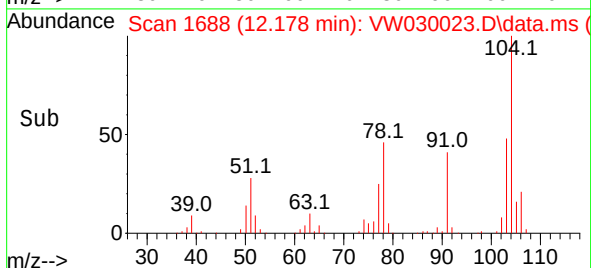
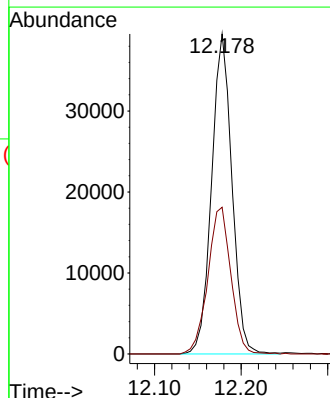
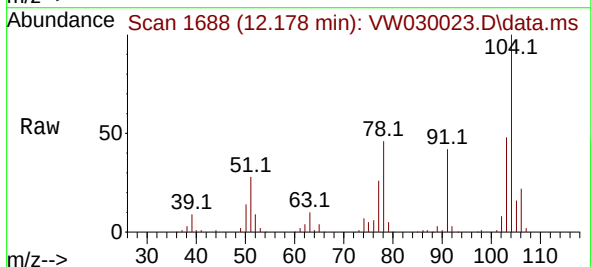
Acq: 26 Aug 2024 12:02

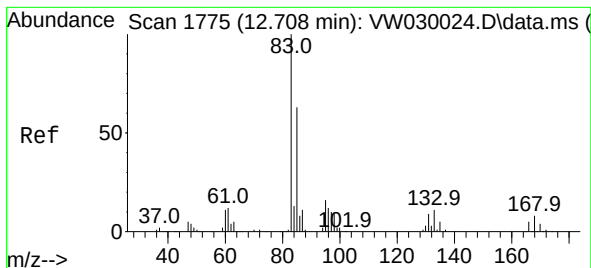
Tgt Ion:104 Resp: 64512

Ion Ratio Lower Upper

104 100

78 45.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 4.983 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

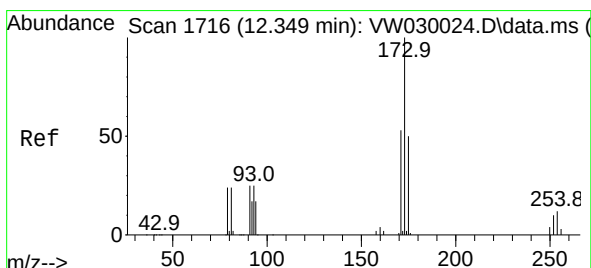
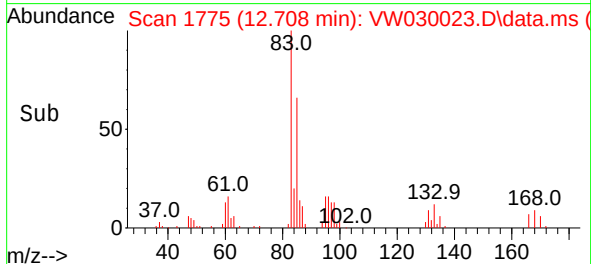
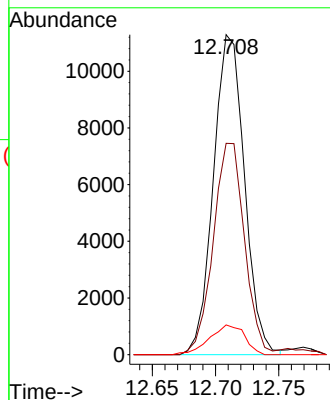
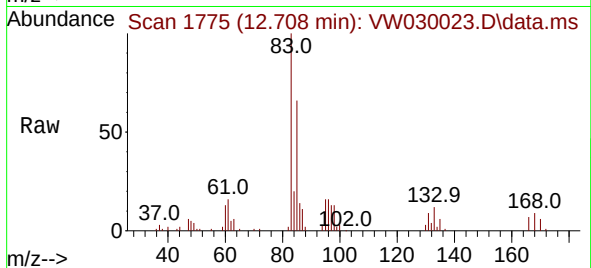
Tgt Ion: 83 Resp: 19302

Ion Ratio Lower Upper

83 100

85 66.0 44.0 81.8

131 9.3 7.3 10.9



#59

Bromoform

Concen: 4.473 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

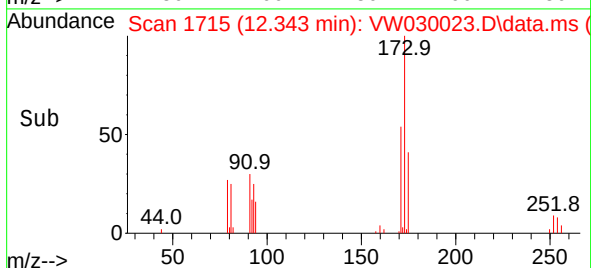
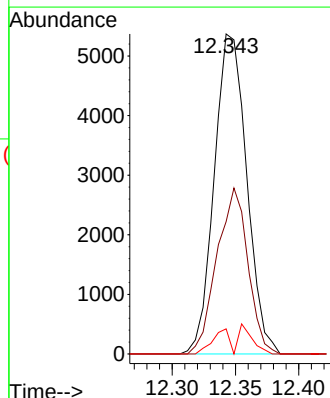
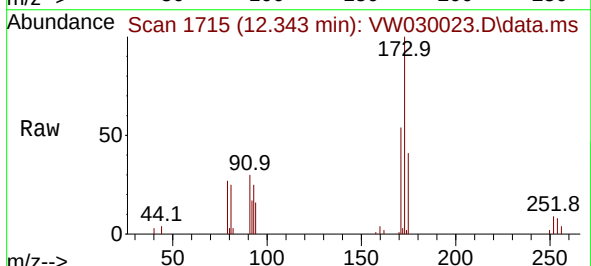
Tgt Ion:173 Resp: 9581

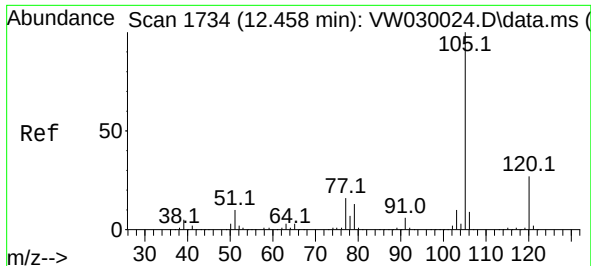
Ion Ratio Lower Upper

173 100

175 0.0 41.4 62.2#

254 4.0 8.6 13.0#

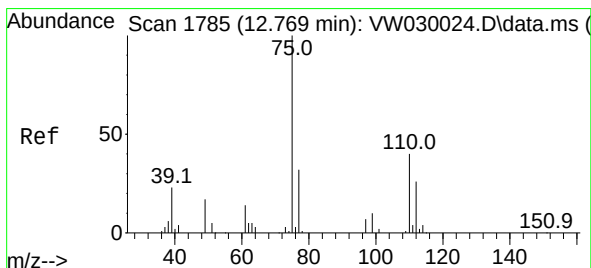
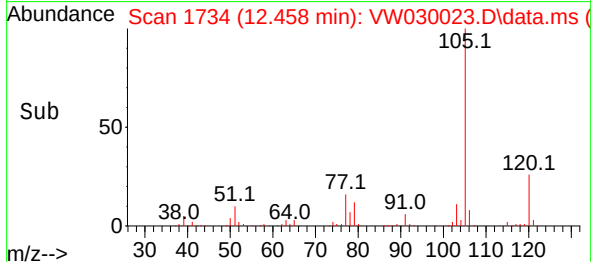
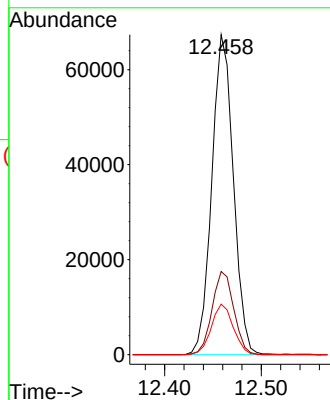
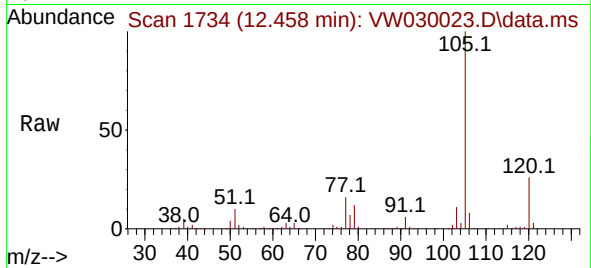




#60
Isopropylbenzene
Concen: 4.546 ug/L
RT: 12.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

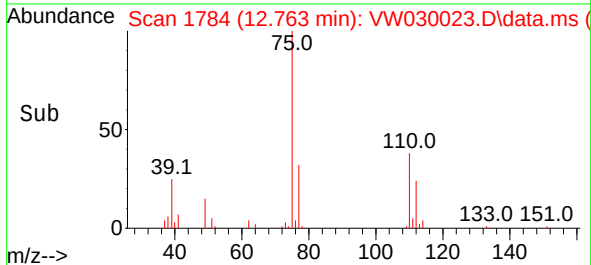
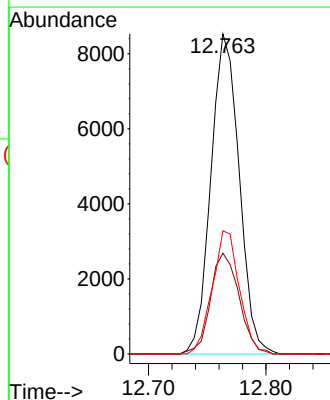
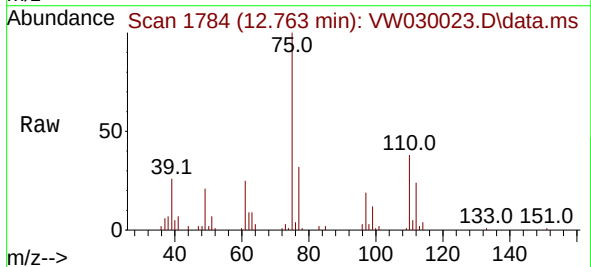
Instrument :
MSVOA_W
ClientSampleId :

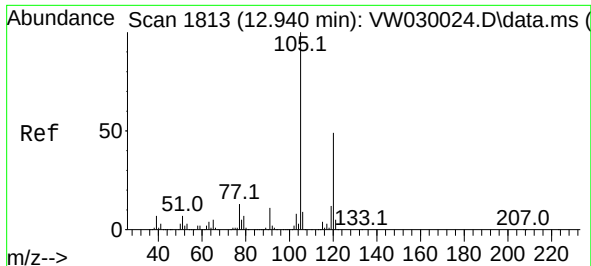
Tgt Ion:105 Resp: 104301
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 16.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.870 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

Tgt Ion: 75 Resp: 14242
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
110 36.9 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 4.033 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

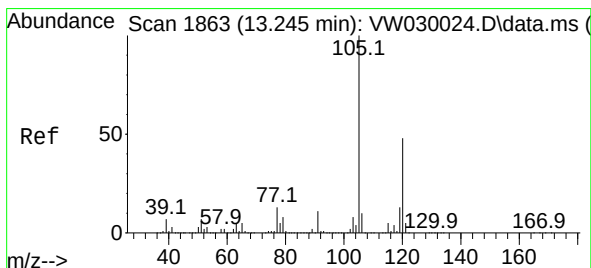
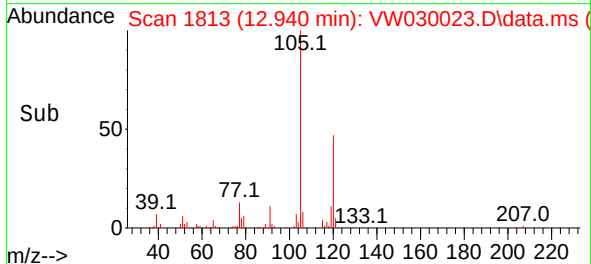
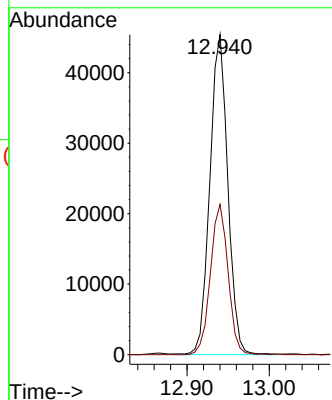
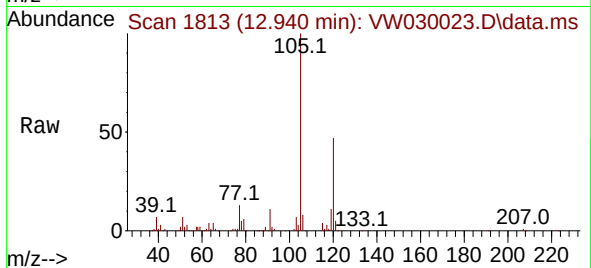
ClientSampleId :

Tgt Ion:105 Resp: 68811

Ion Ratio Lower Upper

105 100

120 46.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 4.476 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030023.D

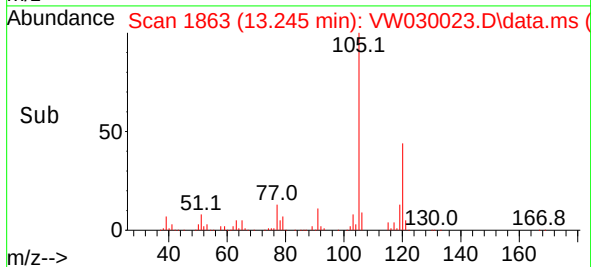
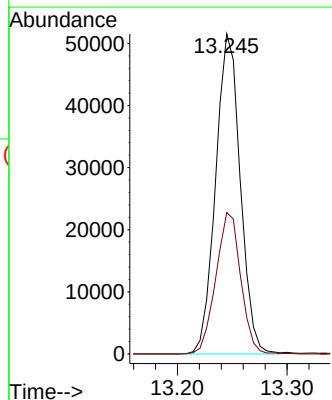
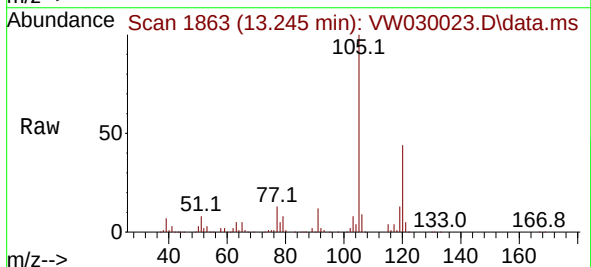
Acq: 26 Aug 2024 12:02

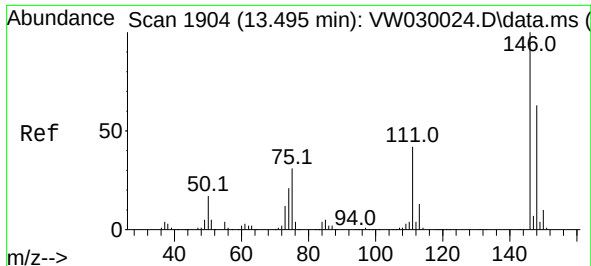
Tgt Ion:105 Resp: 80484

Ion Ratio Lower Upper

105 100

120 44.6 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 4.731 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

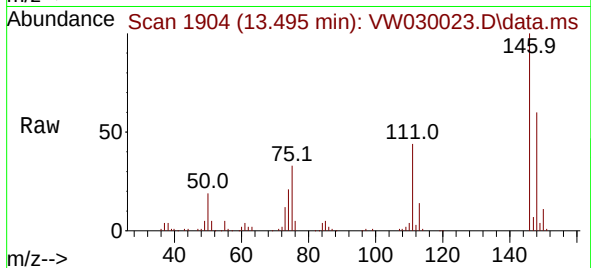
Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :



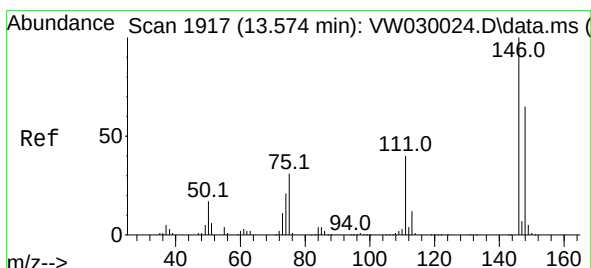
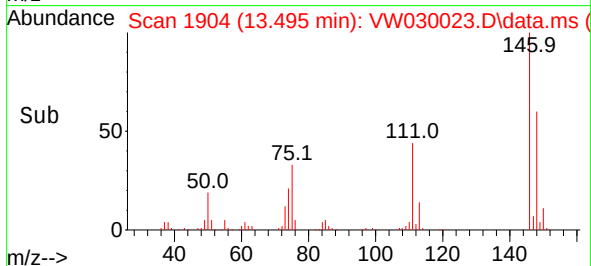
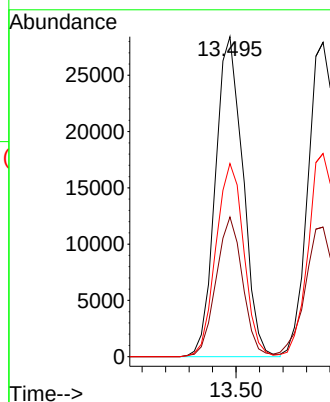
Tgt Ion:146 Resp: 46283

Ion Ratio Lower Upper

146 100

111 43.7 29.1 54.1

148 60.4 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 4.853 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

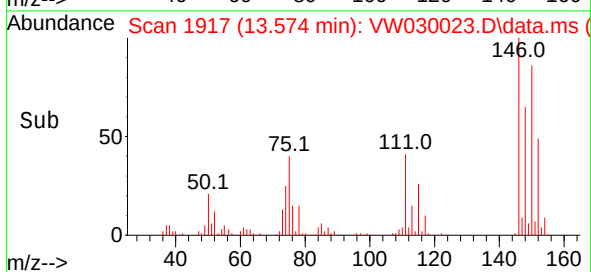
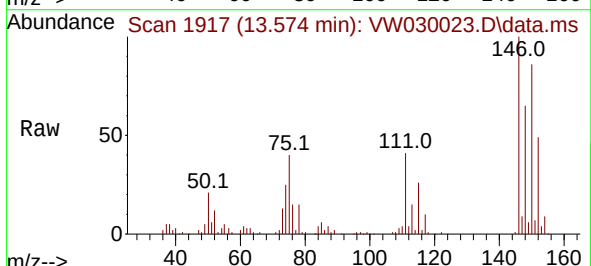
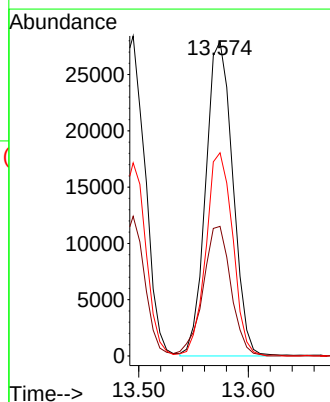
Tgt Ion:146 Resp: 47958

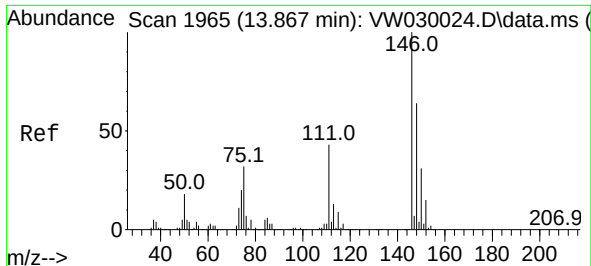
Ion Ratio Lower Upper

146 100

111 41.2 28.2 52.4

148 64.6 45.8 85.2

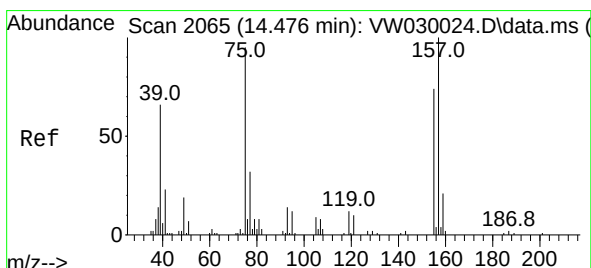
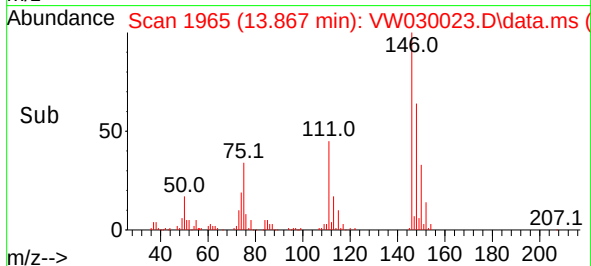
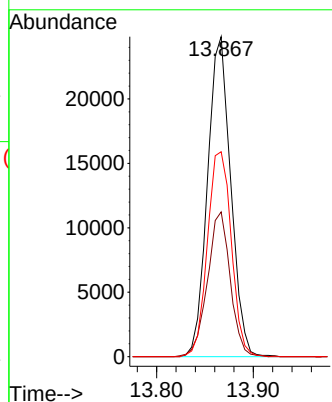
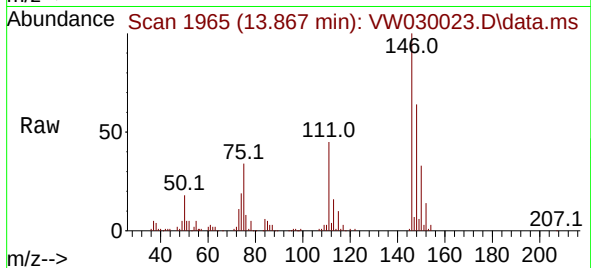




#67
1,2-Dichlorobenzene
Concen: 4.732 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

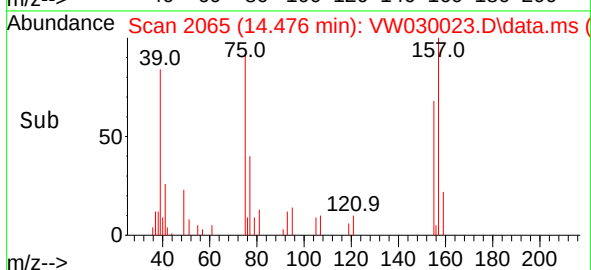
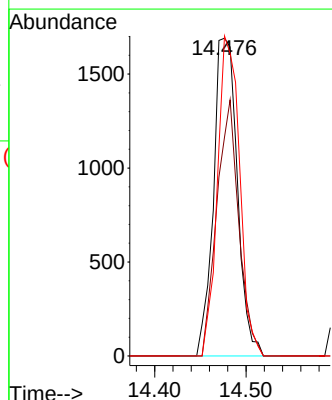
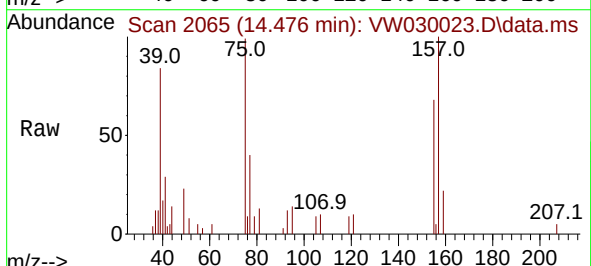
Instrument :
MSVOA_W
ClientSampleId :

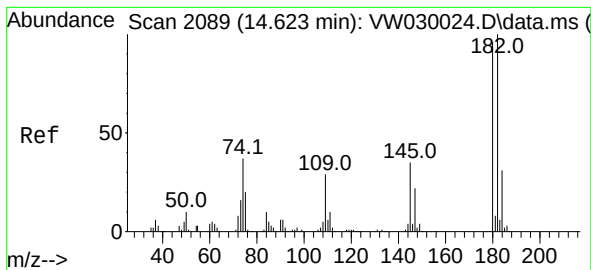
Tgt Ion:146 Resp: 41407
Ion Ratio Lower Upper
146 100
111 45.2 34.7 52.1
148 64.1 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.893 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030023.D
Acq: 26 Aug 2024 12:02

Tgt Ion: 75 Resp: 3063
Ion Ratio Lower Upper
75 100
155 68.9 62.8 94.2
157 100.7 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 4.960 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 31676

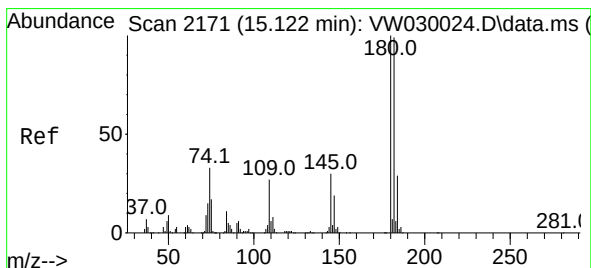
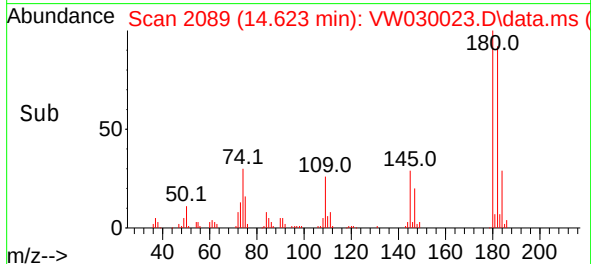
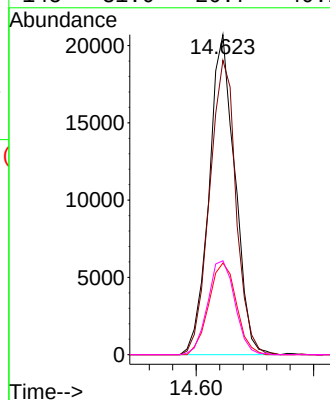
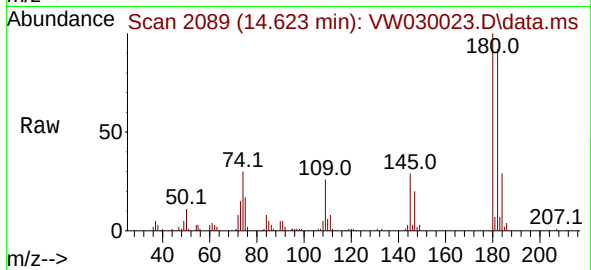
Ion Ratio Lower Upper

180 100

182 94.0 79.7 119.5

184 30.6 25.1 37.7

145 31.0 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 4.741 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

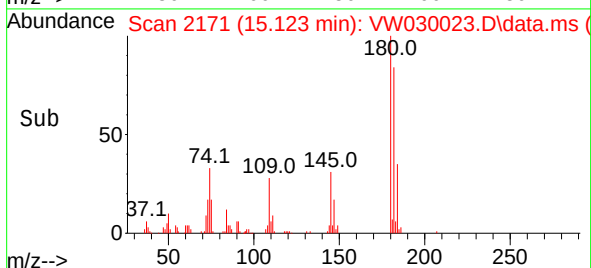
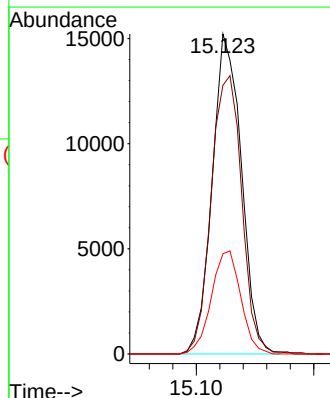
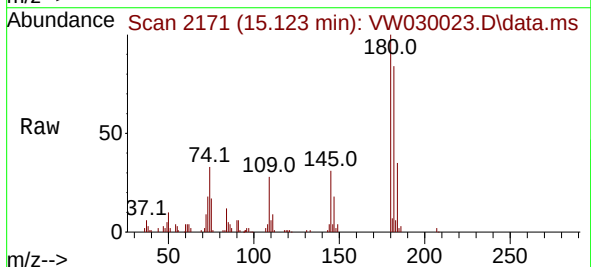
Tgt Ion:180 Resp: 26207

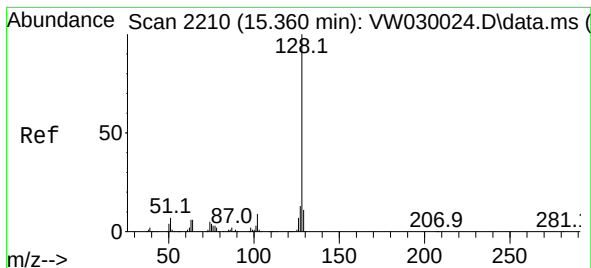
Ion Ratio Lower Upper

180 100

182 91.1 75.3 112.9

145 32.5 24.7 37.1





#71

Naphthalene

Concen: 4.380 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

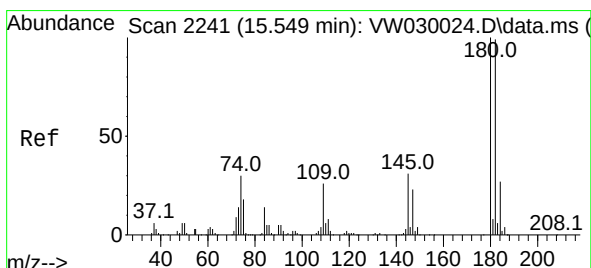
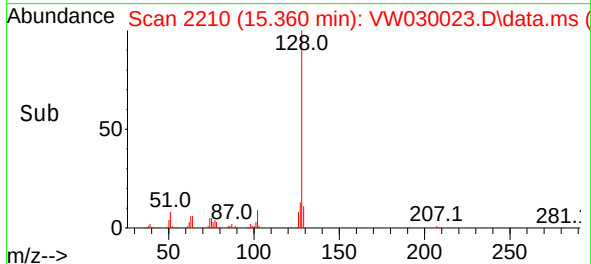
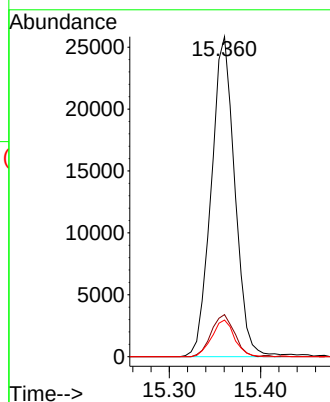
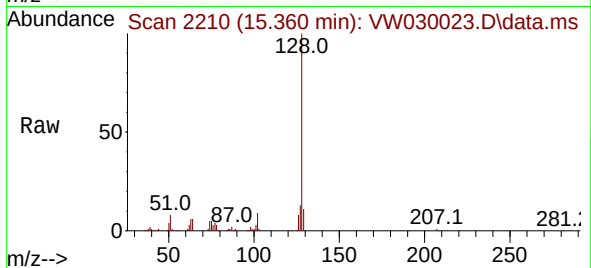
Tgt Ion:128 Resp: 46233

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 4.961 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030023.D

Acq: 26 Aug 2024 12:02

Tgt Ion:180 Resp: 24070

Ion Ratio Lower Upper

180 100

182 88.3 77.2 115.8

145 31.5 26.5 39.7

