

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030900.D
 Acq On : 04 Nov 2024 10:39
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:09:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	453684	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	398940	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	197502	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	39087	5.253	ug/L	0.00
7) Chloroethane-d5	2.893	69	28875	5.060	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	15330	4.993	ug/L	0.00
21) 2-Butanone-d5	7.087	46	9385	7.738	ug/L	0.00
24) Chloroform-d	7.648	84	64289	4.807	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	31598	4.752	ug/L	0.00
32) Benzene-d6	8.276	84	122977	4.962	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	35465	4.854	ug/L	0.00
41) Toluene-d8	10.325	98	103501	4.656	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	13123	4.431	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6926	7.315	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23796	4.675	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	33186	4.613	ug/L	0.00

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.271	85	119	0.026	ug/L	95
3) Chloromethane	2.216	50	33124	5.087	ug/L	93
5) Vinyl chloride	2.369	62	42180	5.466	ug/L	95
6) Bromomethane	2.789	94	26584	5.246	ug/L	91
8) Chloroethane	2.930	64	24887	5.320	ug/L	98
9) Trichlorofluoromethane	3.265	101	36810	5.294	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	33909	5.463	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	29461	5.024	ug/L	93
13) Acetone	4.137	43	12429	8.636	ug/L	98
14) Carbon disulfide	4.393	76	101085	5.244	ug/L	100
15) Methyl Acetate	4.679	43	10880	4.960	ug/L #	89
16) Methylene chloride	4.923	84	33126	5.165	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	32983	5.127	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	42250	4.866	ug/L	97
19) 1,1-Dichloroethane	6.222	63	64119	5.341	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	33738	4.943	ug/L	98
22) 2-Butanone	7.179	43	13884	8.357	ug/L	94
23) Bromochloromethane	7.514	128	15913	5.324	ug/L	93
25) Chloroform	7.673	83	66558	5.269	ug/L	95
27) 1,2-Dichloroethane	8.398	62	42104	5.352	ug/L	98
29) Cyclohexane	7.953	56	45578	4.767	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	56030	5.467	ug/L	99
31) Carbon tetrachloride	8.069	117	49499	5.375	ug/L	99
33) Benzene	8.325	78	138578	5.389	ug/L	100
34) Trichloroethene	9.093	95	38656	5.452	ug/L	88
35) Methylcyclohexane	9.331	83	57246	5.094	ug/L	99
37) 1,2-Dichloropropane	9.368	63	35012	5.448	ug/L	98
38) Bromodichloromethane	9.648	83	44476	5.270	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	46756	4.864	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	26706	9.159	ug/L	96
42) Toluene	10.386	91	144753	5.316	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	39941	5.001	ug/L	97

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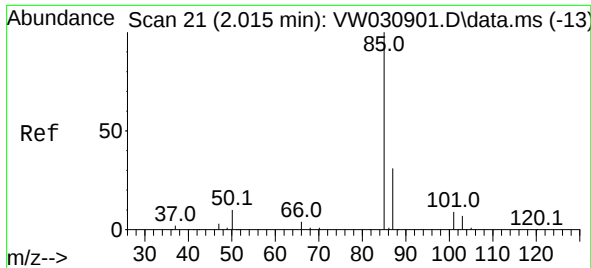
Quant Time: Nov 05 00:09:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	24074	5.219	ug/L	97
46) Tetrachloroethene	10.861	164	30327	5.595	ug/L	93
48) 2-Hexanone	10.971	43	18023	8.061	ug/L	98
49) Dibromochloromethane	11.123	129	25861	5.142	ug/L	92
50) 1,2-Dibromoethane	11.233	107	21641	5.087	ug/L	99
51) Chlorobenzene	11.654	112	93147	5.345	ug/L	97
52) Ethylbenzene	11.727	91	158751	5.160	ug/L	97
53) m,p-Xylene	11.837	106	58943	5.094	ug/L	97
54) o-Xylene	12.166	106	53829	5.056	ug/L	98
55) Styrene	12.178	104	92377	5.078	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	26461	5.257	ug/L	98
59) Bromoform	12.343	173	13613	4.827	ug/L	99
60) Isopropylbenzene	12.465	105	149176	4.952	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	19381	5.234	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	108841	4.589	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	107064	4.635	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	67039	5.068	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	70769	5.211	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	59887	5.080	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	3815	4.867	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	43167	4.918	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	32408	4.649	ug/L	98
71) Naphthalene	15.360	128	45726	4.047	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	28885	4.808	ug/L	96

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

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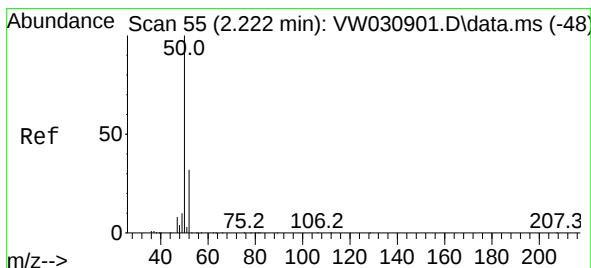
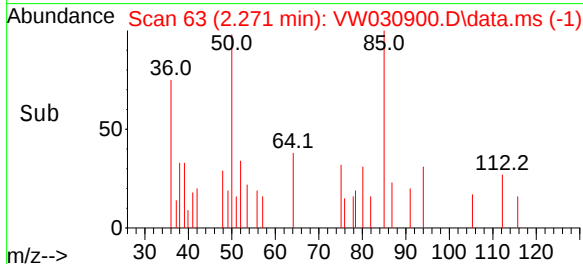
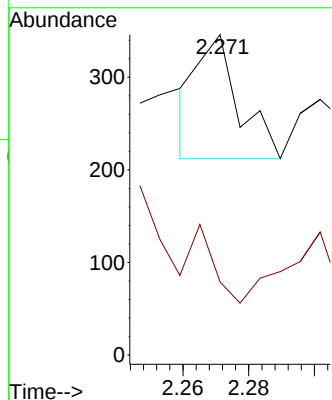
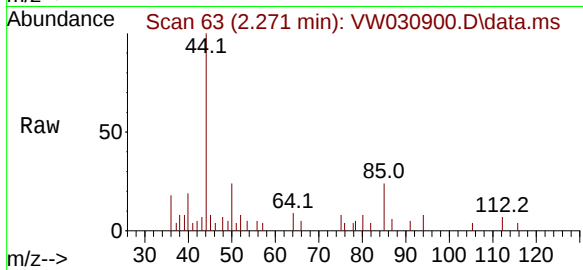




#2
 Dichlorodifluoromethane
 Concen: 0.026 ug/L
 RT: 2.271 min Scan# 61
 Delta R.T. 0.256 min
 Lab File: VW030900.D
 Acq: 04 Nov 2024 10:39

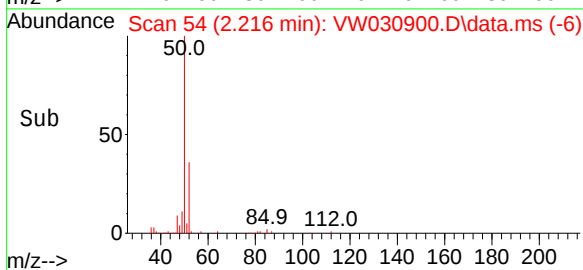
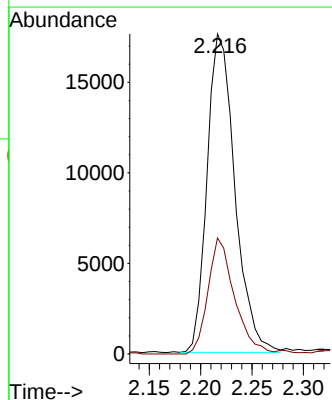
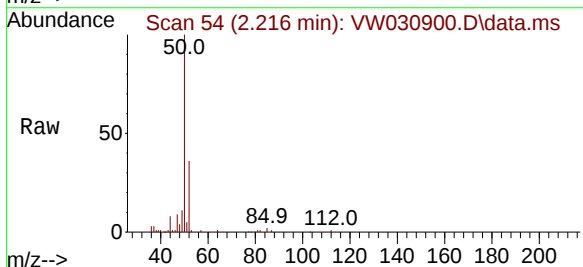
Instrument :
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 ClientSampleId :

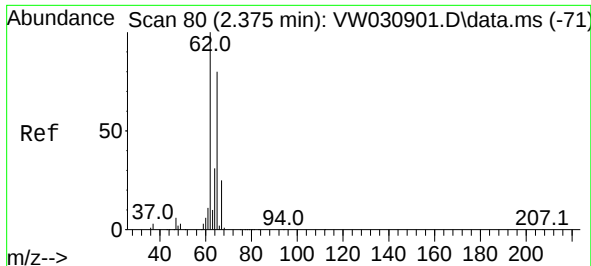
Tgt Ion: 85 Resp: 119
 Ion Ratio Lower Upper
 85 100
 87 32.8 24.2 36.4



#3
 Chloromethane
 Concen: 5.087 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW030900.D
 Acq: 04 Nov 2024 10:39

Tgt Ion: 50 Resp: 33124
 Ion Ratio Lower Upper
 50 100
 52 36.3 22.5 41.9

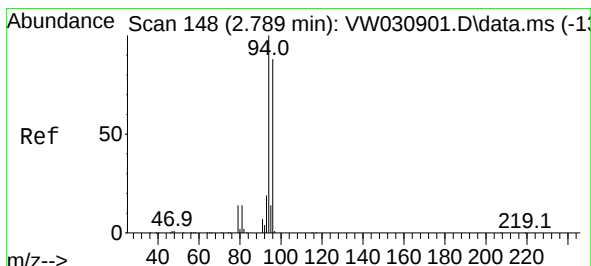
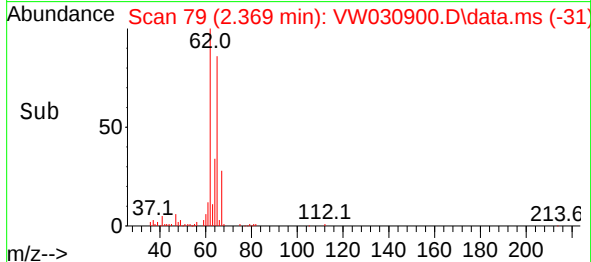
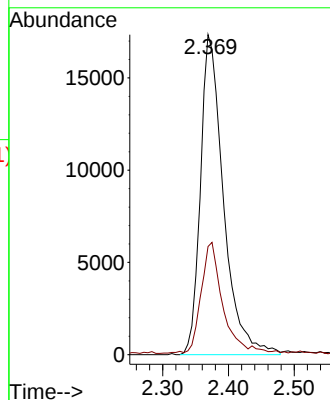
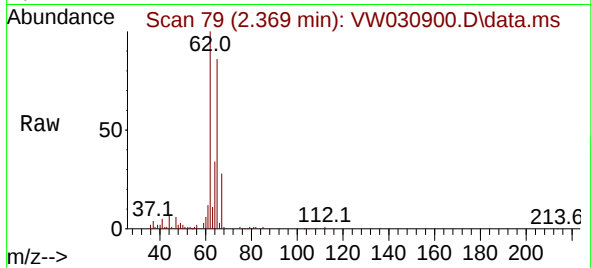




#5
 Vinyl chloride
 Concen: 5.466 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW030900.D
 Acq: 04 Nov 2024 10:39

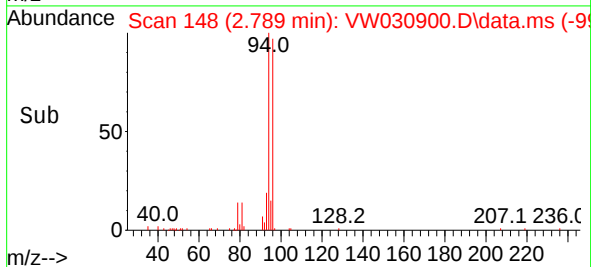
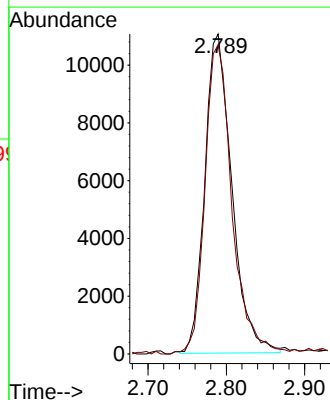
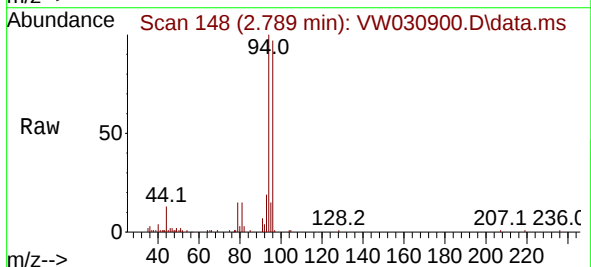
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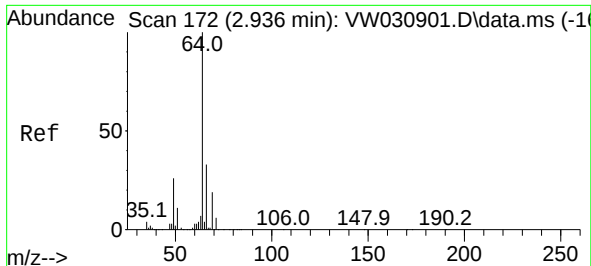
Tgt Ion: 62 Resp: 42180
 Ion Ratio Lower Upper
 62 100
 64 33.8 21.7 40.3



#6
 Bromomethane
 Concen: 5.246 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030900.D
 Acq: 04 Nov 2024 10:39

Tgt Ion: 94 Resp: 26584
 Ion Ratio Lower Upper
 94 100
 96 96.5 61.6 114.4

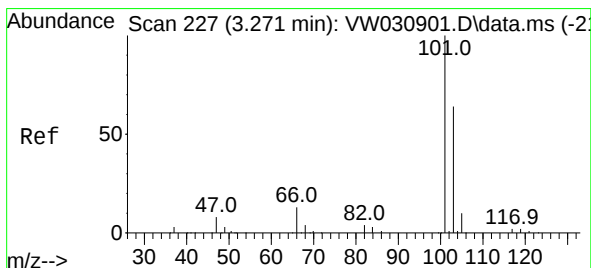
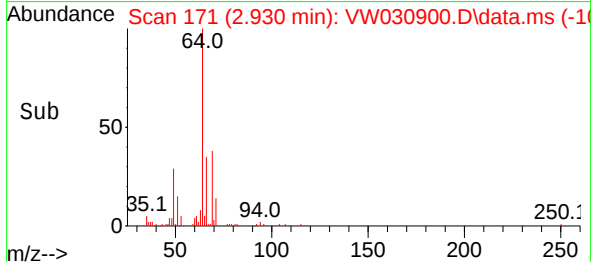
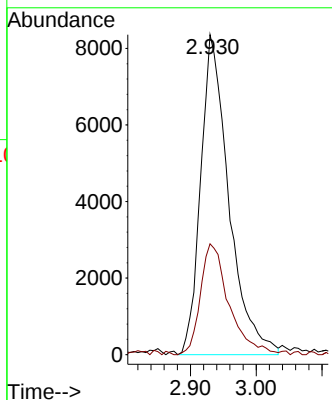
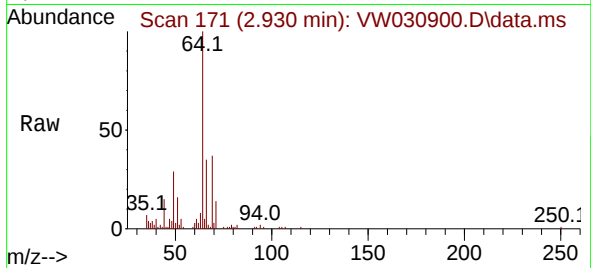




#8
Chloroethane
Concen: 5.320 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

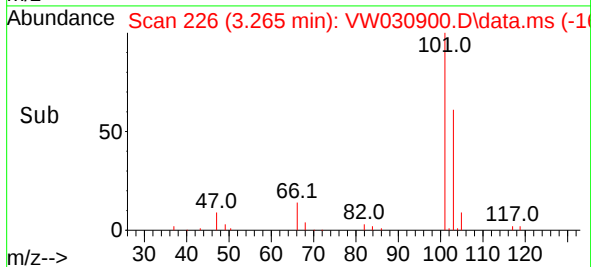
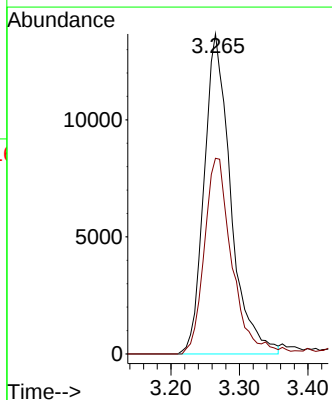
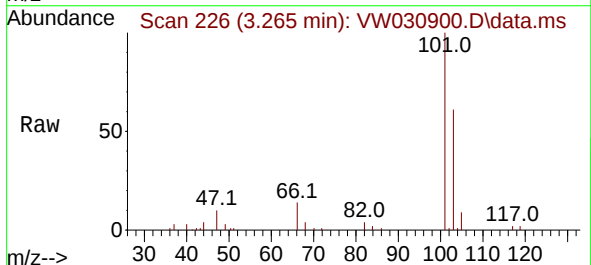
Instrument :
MSVOA_W
ClientSampleId :

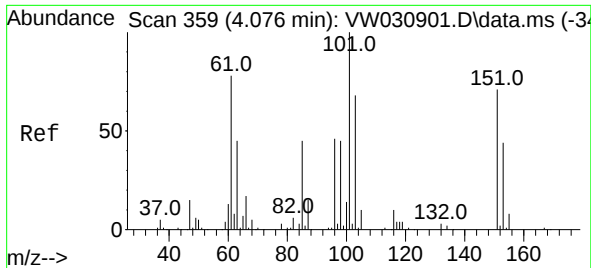
Tgt Ion: 64 Resp: 24887
Ion Ratio Lower Upper
64 100
66 34.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.294 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion:101 Resp: 36810
Ion Ratio Lower Upper
101 100
103 61.8 51.8 77.6





#10

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

Concen: 5.463 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

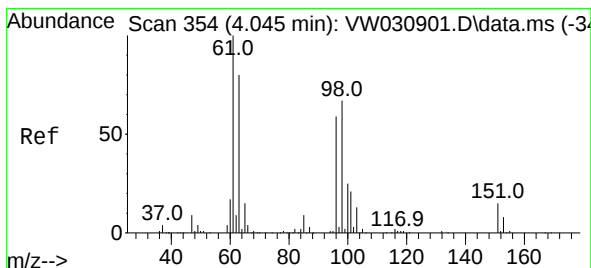
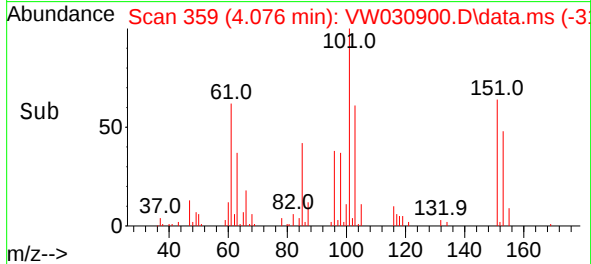
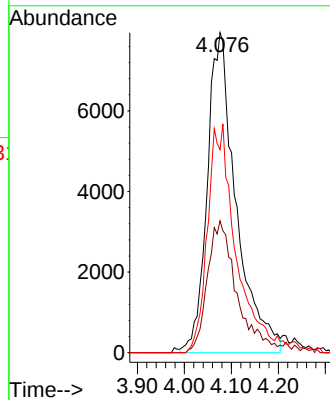
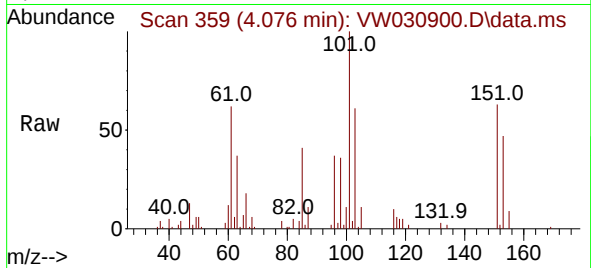
Tgt Ion:101 Resp: 33909

Ion Ratio Lower Upper

101 100

85 39.0 32.9 49.3

151 32.4 51.0 76.6#



#12

1,1-Dichloroethene

Concen: 5.024 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

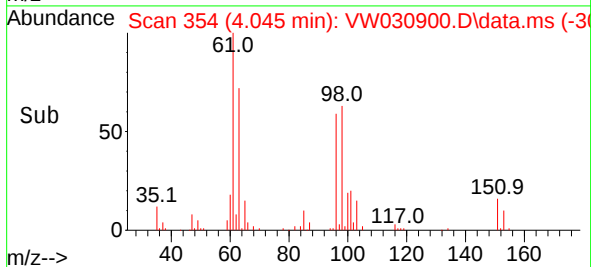
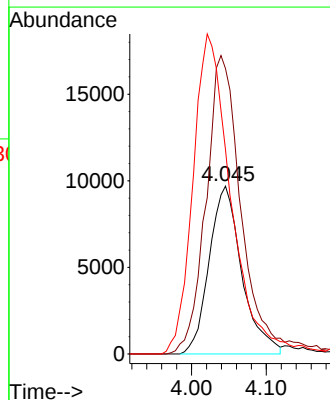
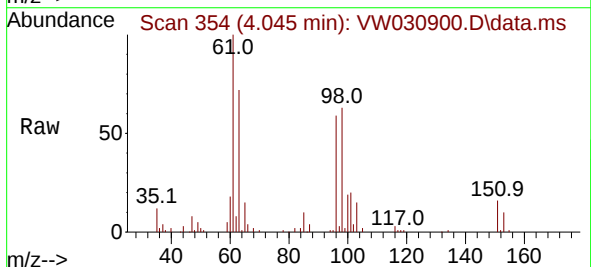
Tgt Ion: 96 Resp: 29461

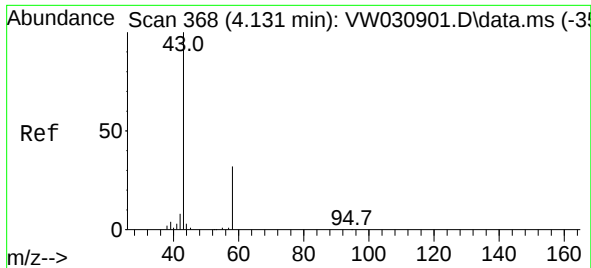
Ion Ratio Lower Upper

96 100

61 170.1 118.9 220.7

63 121.8 97.8 181.6

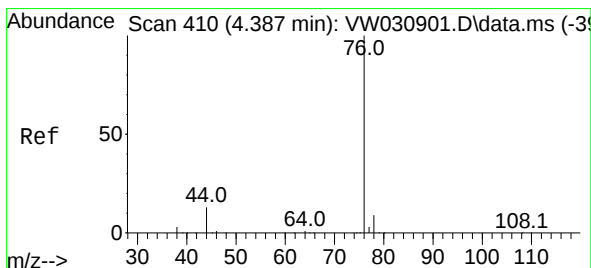
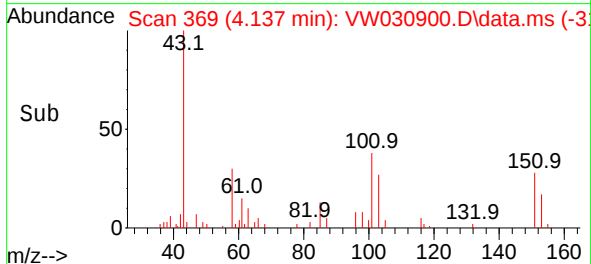
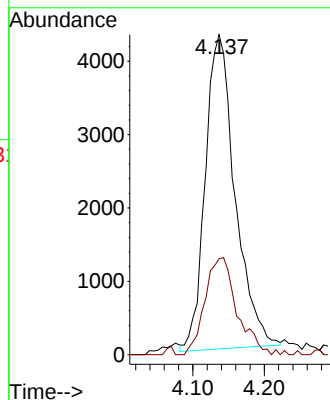
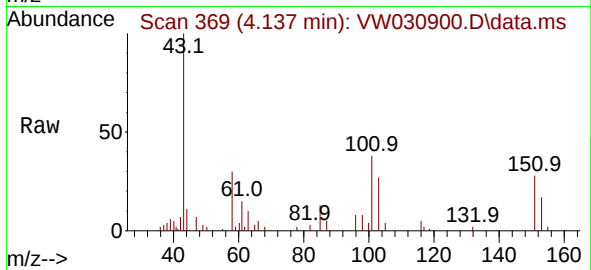




#13
Acetone
Concen: 8.636 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

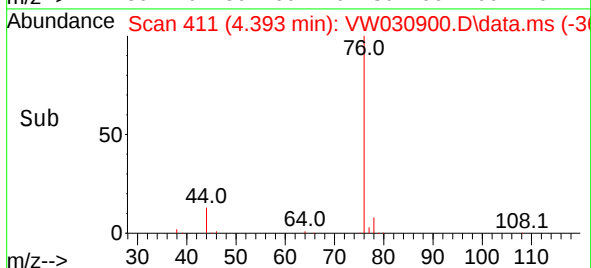
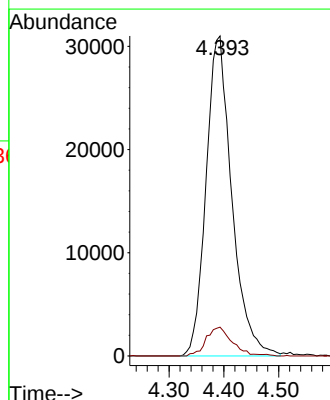
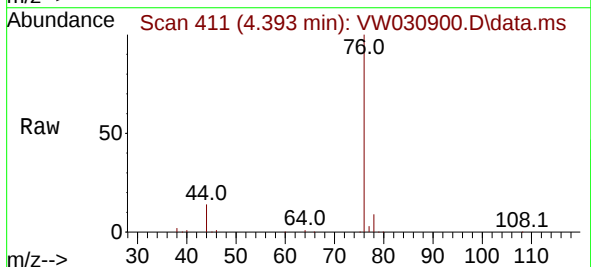
Instrument :
MSVOA_W
ClientSampleId :

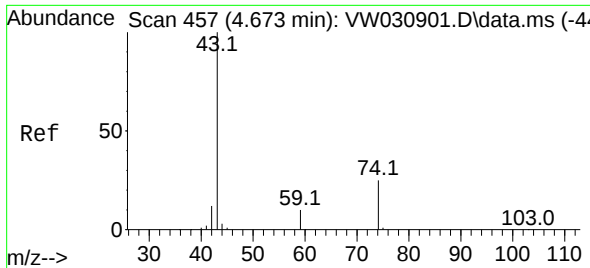
Tgt Ion: 43 Resp: 12429
Ion Ratio Lower Upper
43 100
58 30.1 0.0 62.6



#14
Carbon disulfide
Concen: 5.244 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion: 76 Resp: 101085
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

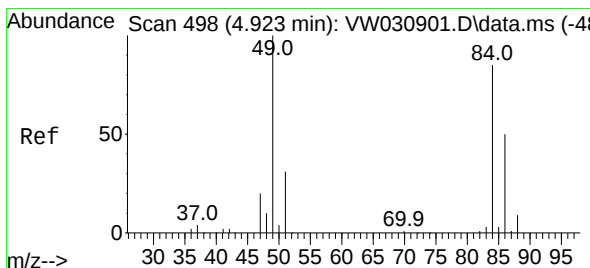
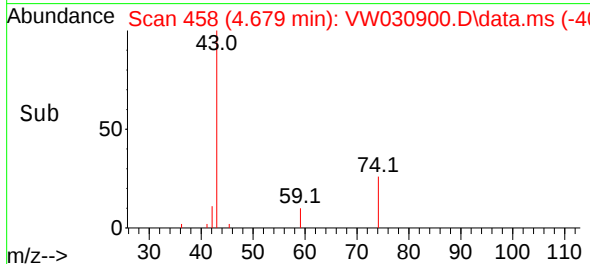
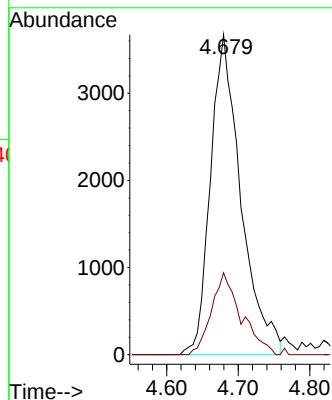
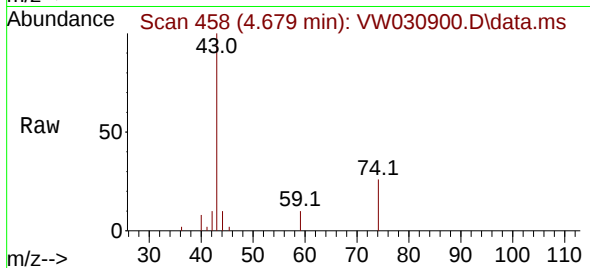




#15
Methyl Acetate
Concen: 4.960 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

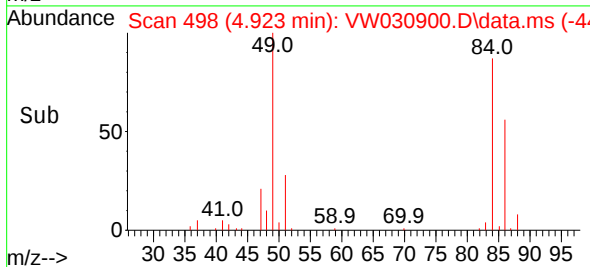
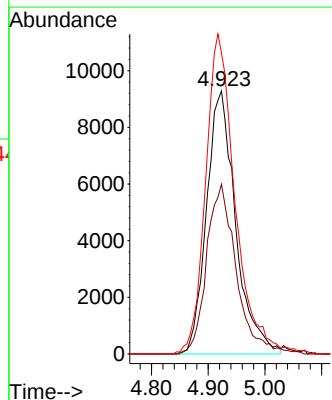
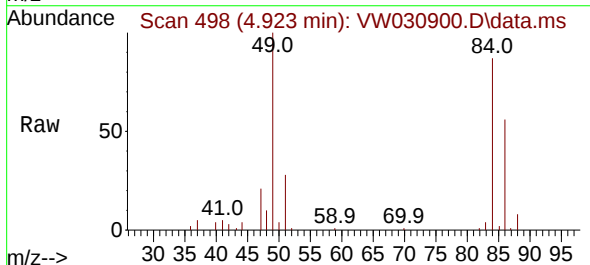
Instrument :
MSVOA_W
ClientSampleId :

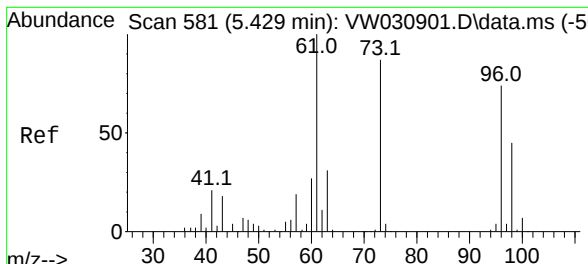
Tgt Ion: 43 Resp: 10880
Ion Ratio Lower Upper
43 100
74 19.8 20.2 30.2#



#16
Methylene chloride
Concen: 5.165 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion: 84 Resp: 33126
Ion Ratio Lower Upper
84 100
86 64.6 41.8 77.6
49 114.4 82.8 153.8



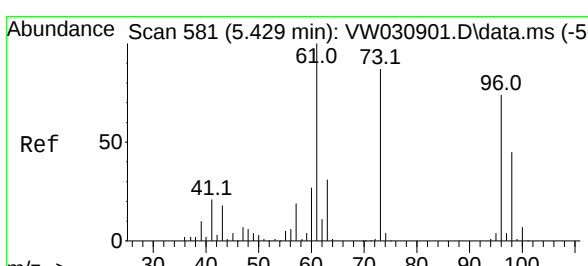
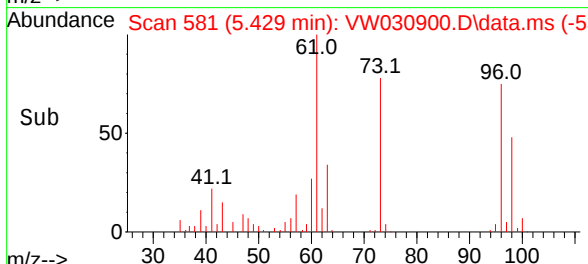
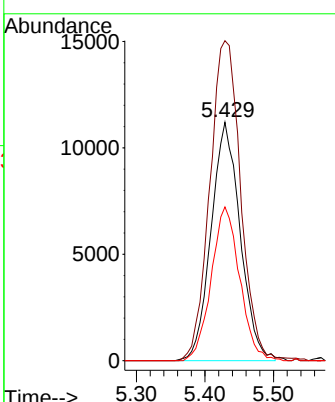
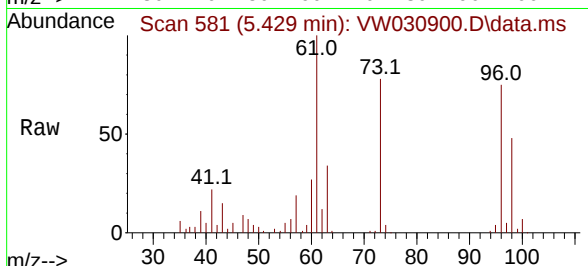


#17
 trans-1,2-Dichloroethene
 Concen: 5.127 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: VW030900.D
 Acq: 04 Nov 2024 10:39

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 32983

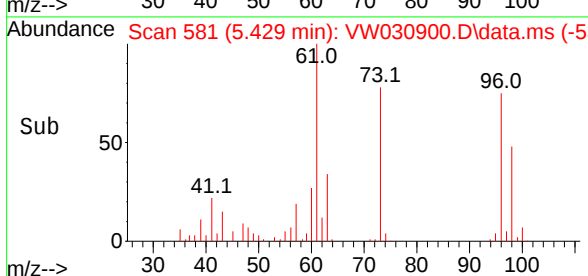
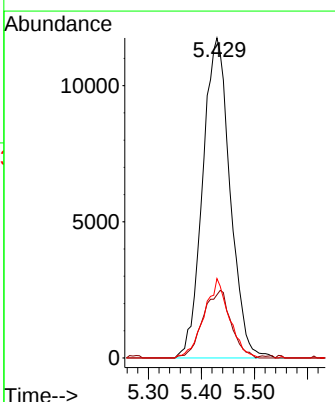
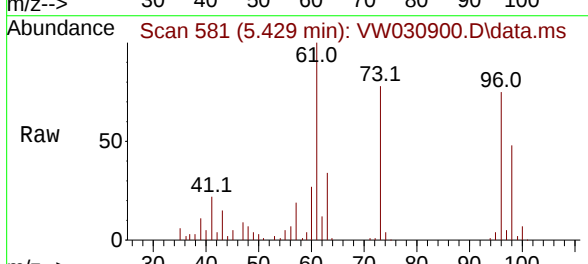
Ion	Ratio	Lower	Upper
96	100		
61	134.2	95.2	176.8
98	64.5	42.6	79.2

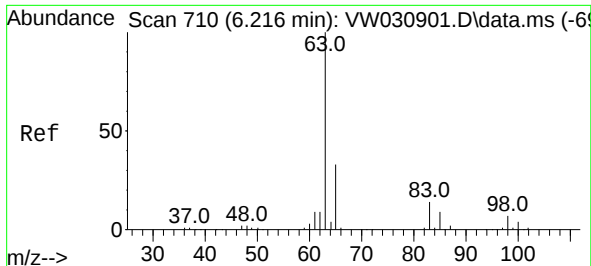


#18
 Methyl tert-butyl Ether
 Concen: 4.866 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: VW030900.D
 Acq: 04 Nov 2024 10:39

Tgt Ion: 73 Resp: 42250

Ion	Ratio	Lower	Upper
73	100		
43	21.6	16.2	24.2
57	22.8	17.3	25.9





#19

1,1-Dichloroethane

Concen: 5.341 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

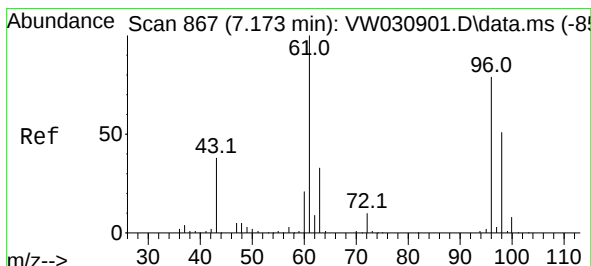
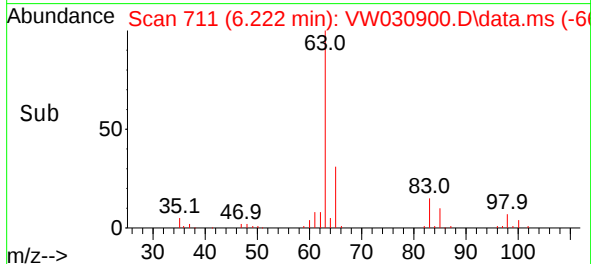
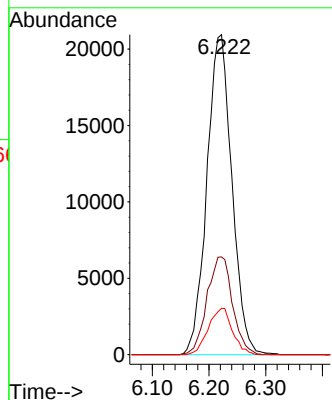
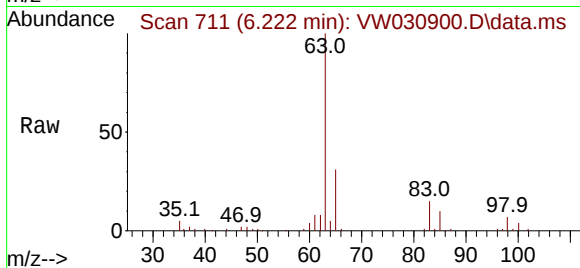
Tgt Ion: 63 Resp: 64119

Ion Ratio Lower Upper

63 100

65 30.5 23.0 42.8

83 14.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 4.943 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

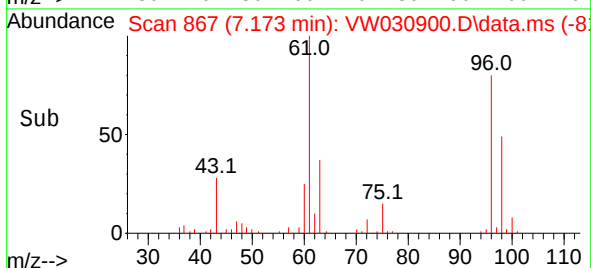
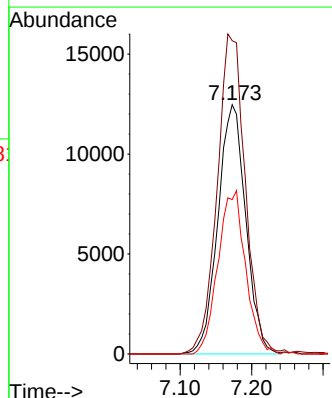
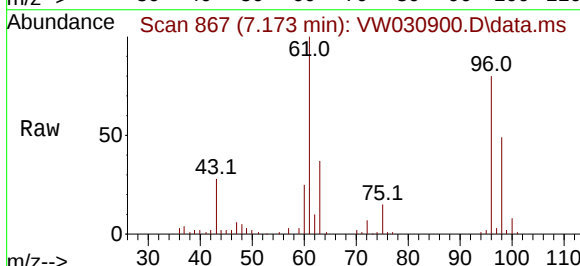
Tgt Ion: 96 Resp: 33738

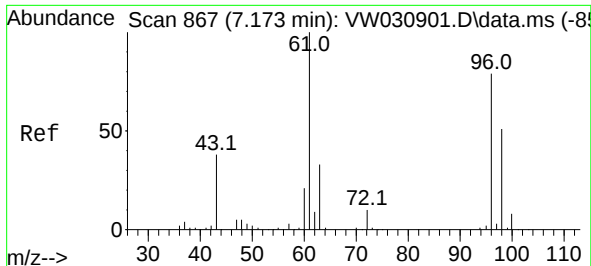
Ion Ratio Lower Upper

96 100

61 125.7 89.2 165.8

98 62.0 45.1 83.9





#22

2-Butanone

Concen: 8.357 ug/L

RT: 7.179 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

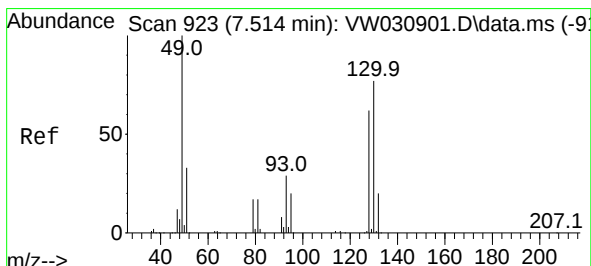
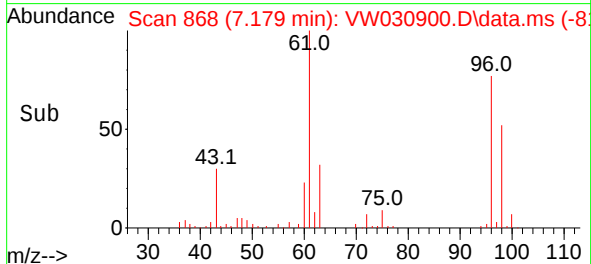
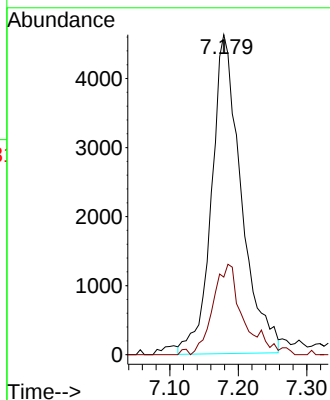
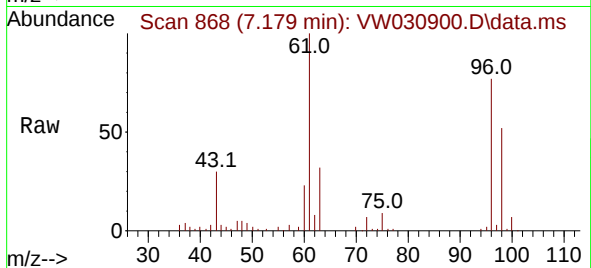
ClientSampleId :

Tgt Ion: 43 Resp: 13884

Ion Ratio Lower Upper

43 100

72 26.0 14.5 43.6



#23

Bromochloromethane

Concen: 5.324 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Tgt Ion: 128 Resp: 15913

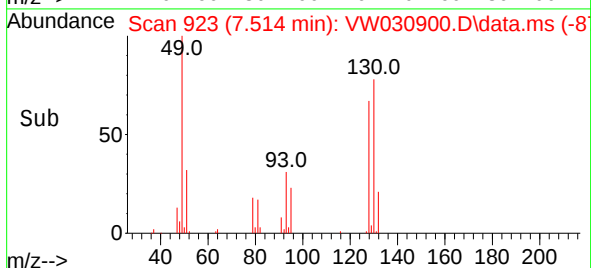
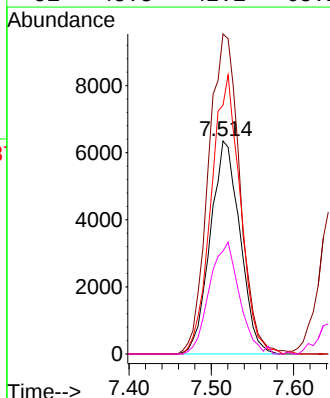
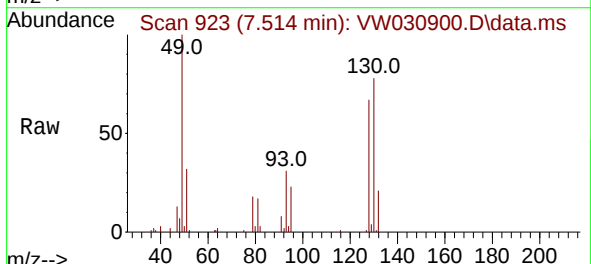
Ion Ratio Lower Upper

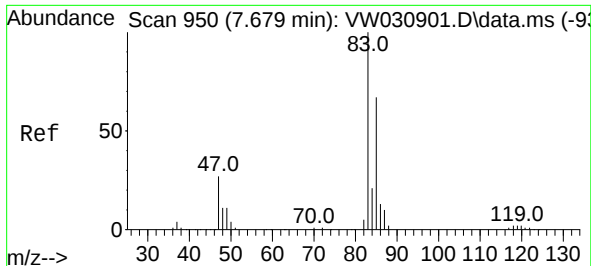
128 100

49 150.3 112.4 208.8

130 116.8 86.2 160.0

51 48.3 42.1 63.1





#25

Chloroform

Concen: 5.269 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

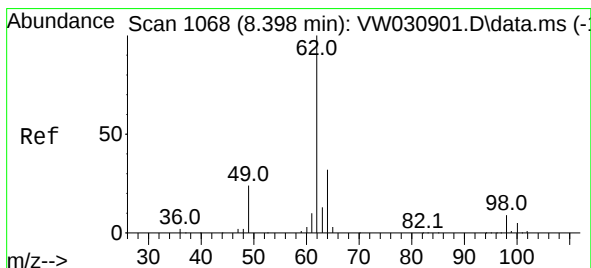
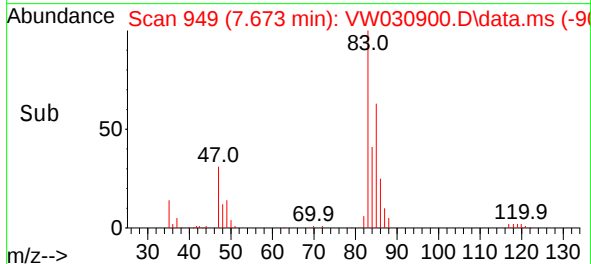
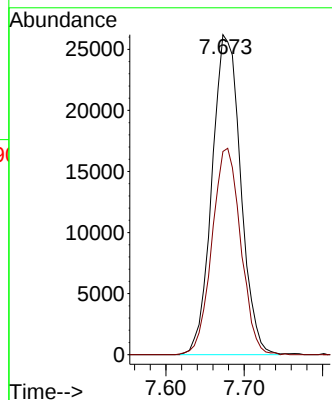
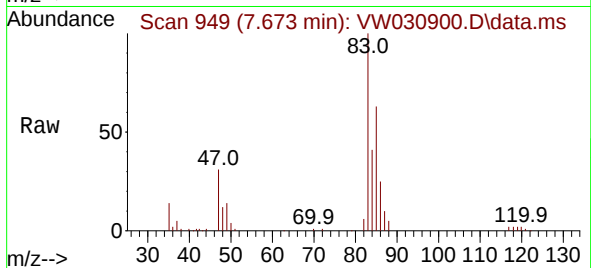
ClientSampleId :

Tgt Ion: 83 Resp: 66558

Ion Ratio Lower Upper

83 100

85 63.5 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.352 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030900.D

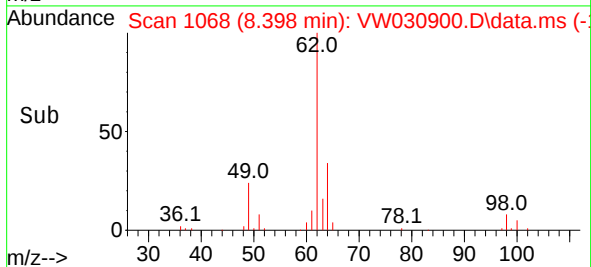
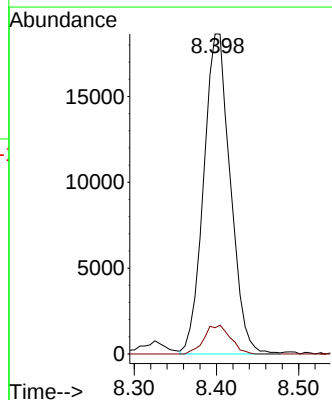
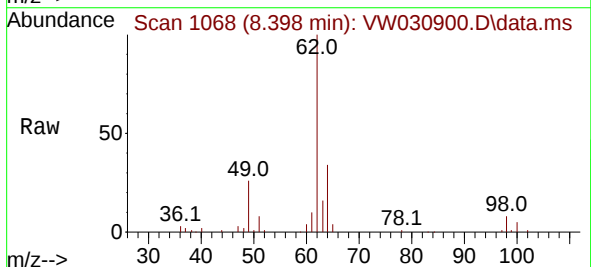
Acq: 04 Nov 2024 10:39

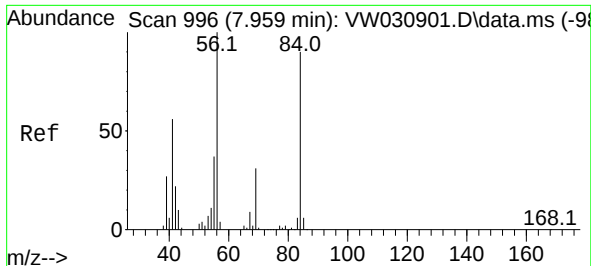
Tgt Ion: 62 Resp: 42104

Ion Ratio Lower Upper

62 100

98 8.2 7.1 10.7





#29

Cyclohexane

Concen: 4.767 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

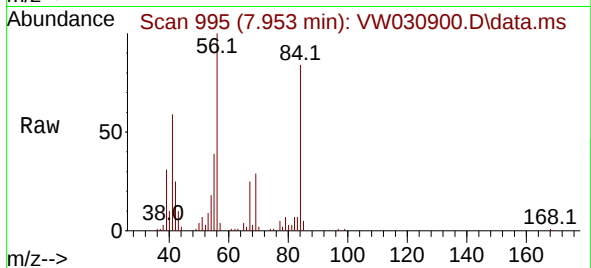
Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



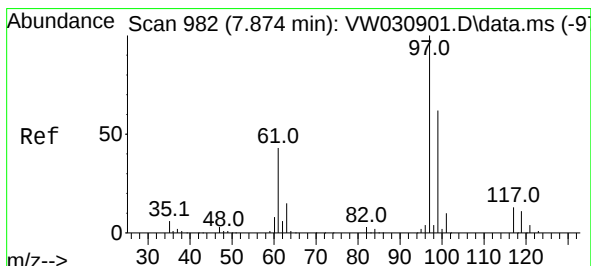
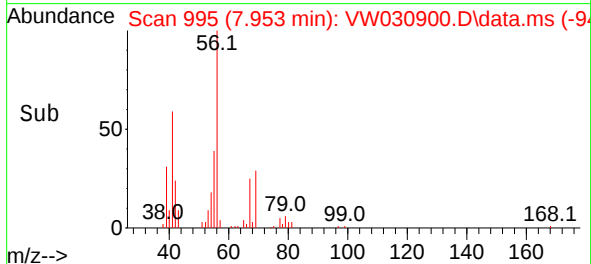
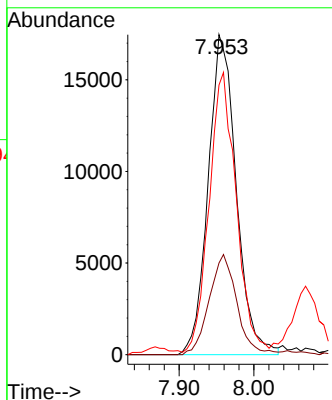
Tgt Ion: 56 Resp: 45578

Ion Ratio Lower Upper

56 100

69 30.4 24.8 37.2

84 84.9 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 5.467 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

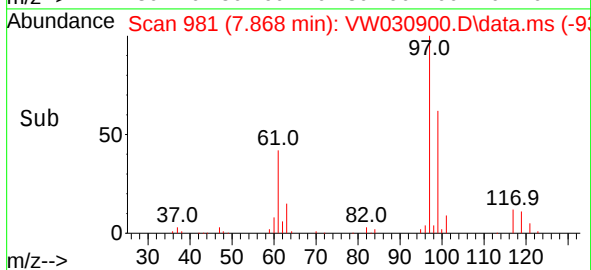
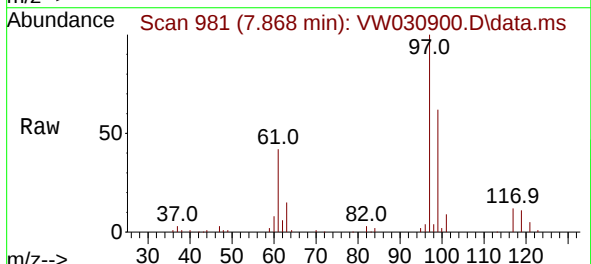
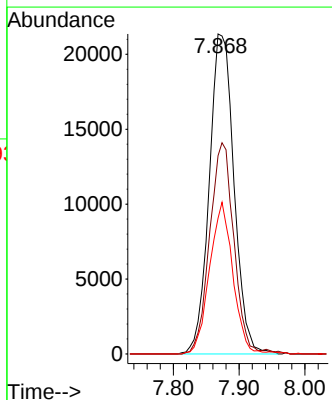
Tgt Ion: 97 Resp: 56030

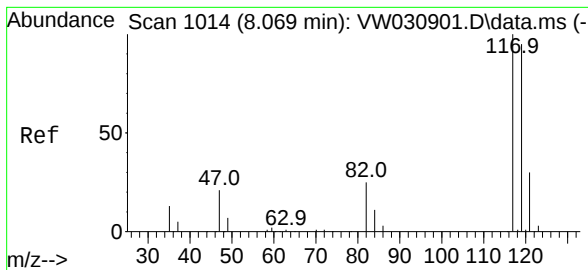
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 44.5 36.2 54.4

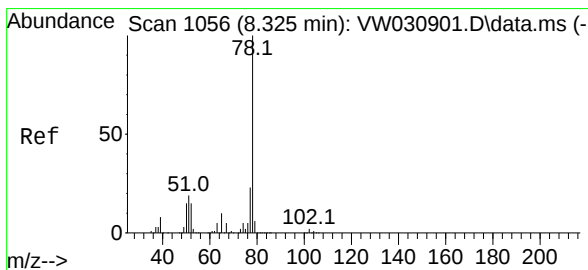
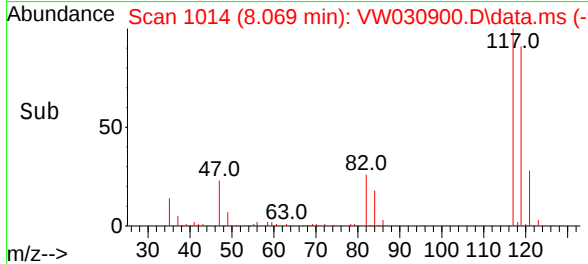
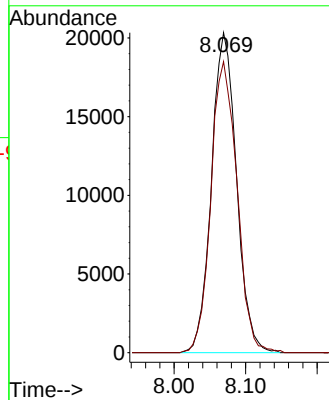
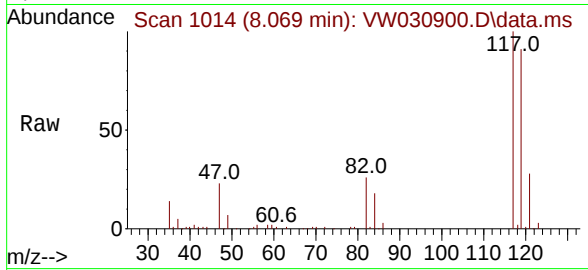




#31
Carbon tetrachloride
Concen: 5.375 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

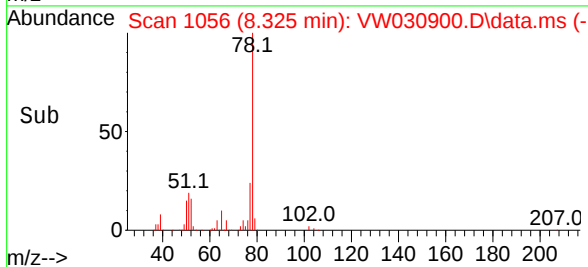
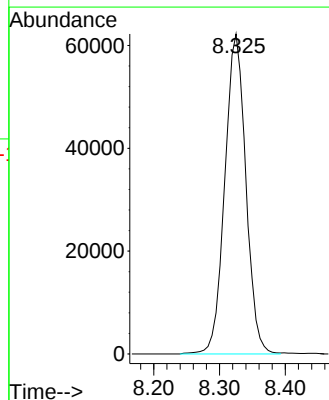
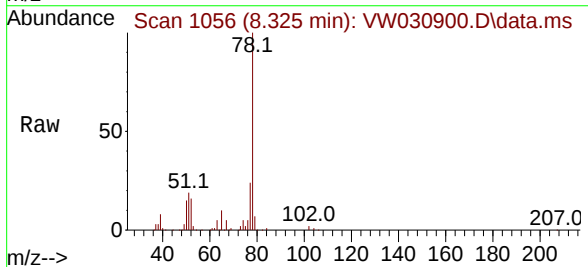
Instrument :
MSVOA_W
ClientSampleId :

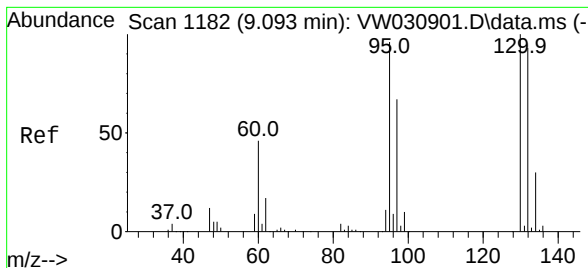
Tgt Ion:117 Resp: 49499
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.2



#33
Benzene
Concen: 5.389 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion: 78 Resp: 138578





#34

Trichloroethene

Concen: 5.452 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 38656

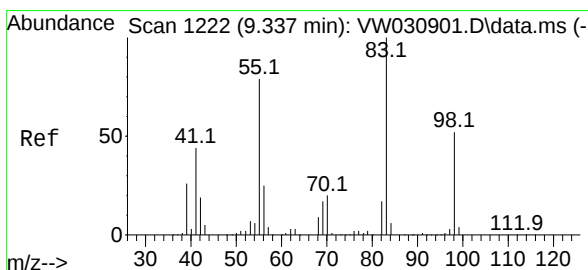
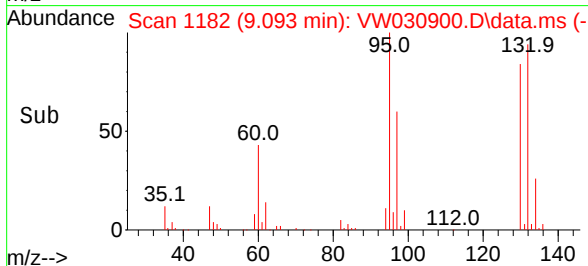
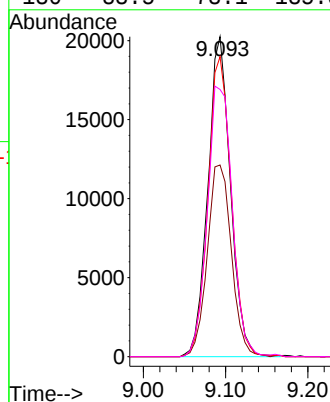
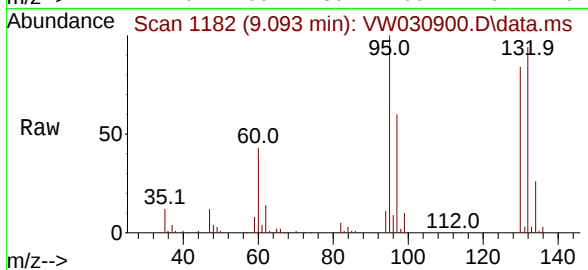
Ion Ratio Lower Upper

95 100

97 59.9 48.9 90.7

132 93.8 67.7 125.7

130 83.5 73.1 135.8



#35

Methylcyclohexane

Concen: 5.094 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

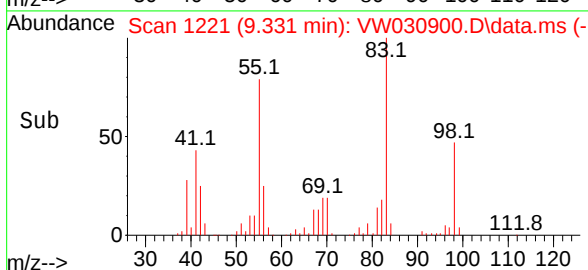
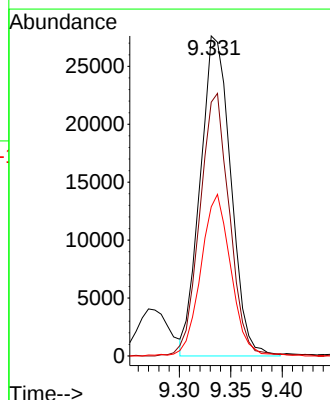
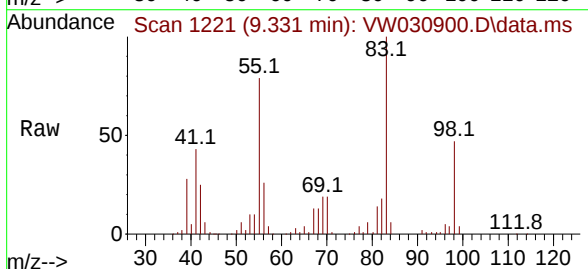
Tgt Ion: 83 Resp: 57246

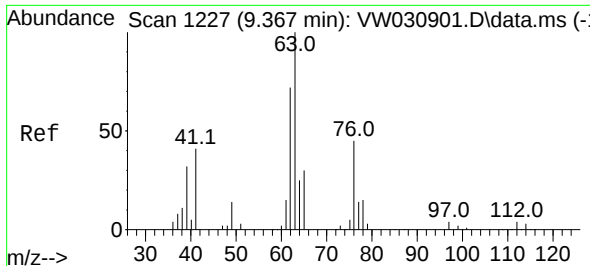
Ion Ratio Lower Upper

83 100

55 79.3 62.8 94.2

98 48.5 39.4 59.2





#37

1,2-Dichloropropane

Concen: 5.448 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

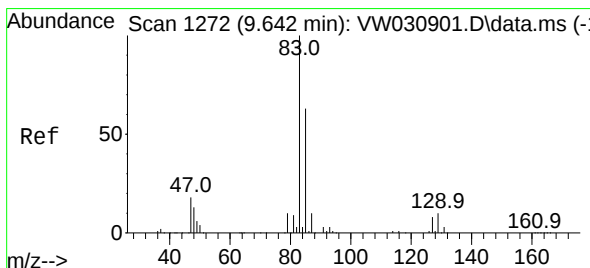
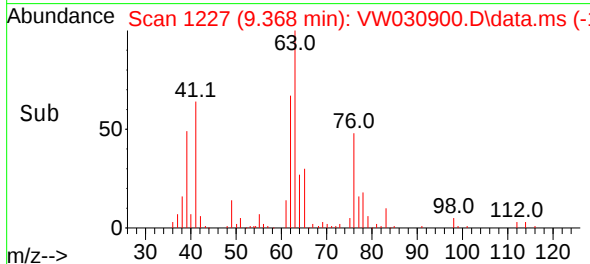
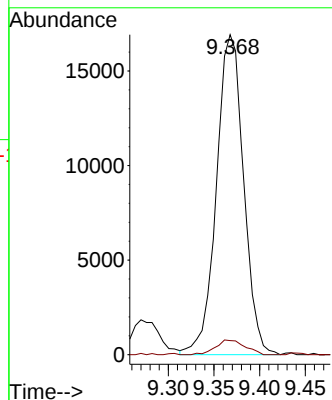
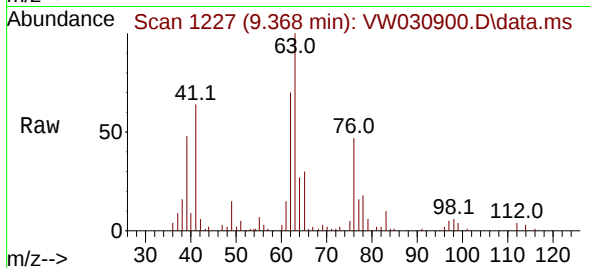
ClientSampleId :

Tgt Ion: 63 Resp: 35012

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 5.270 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

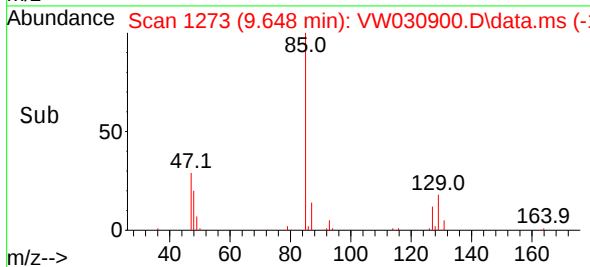
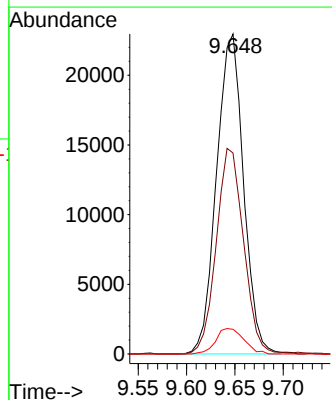
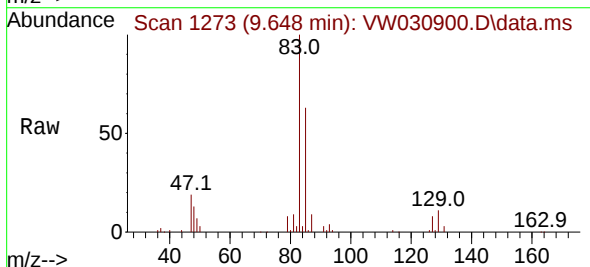
Tgt Ion: 83 Resp: 44476

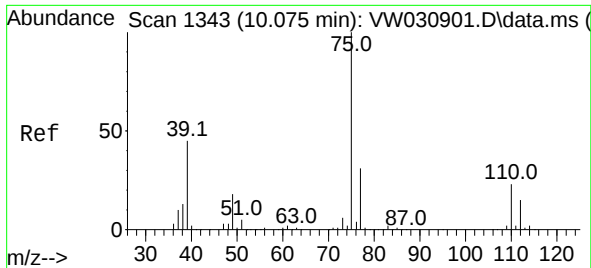
Ion Ratio Lower Upper

83 100

85 62.8 44.1 81.9

127 7.7 6.4 9.6

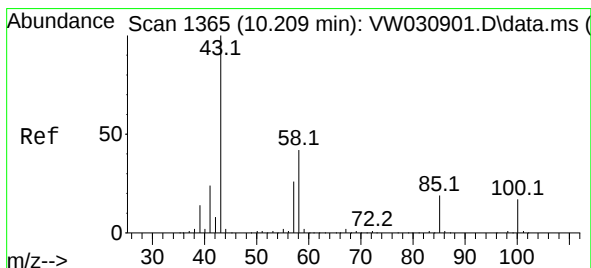
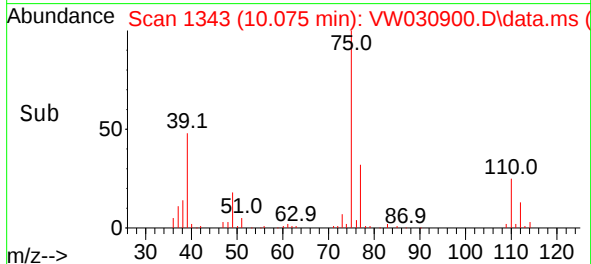
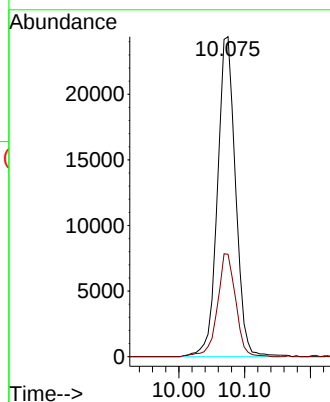
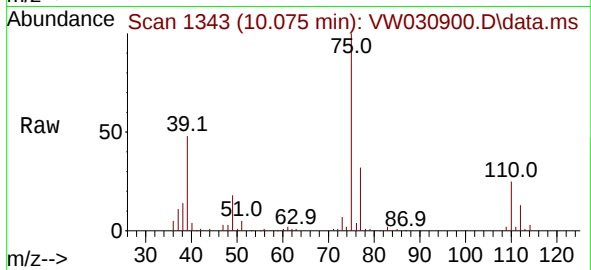




#39
cis-1,3-Dichloropropene
Concen: 4.864 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

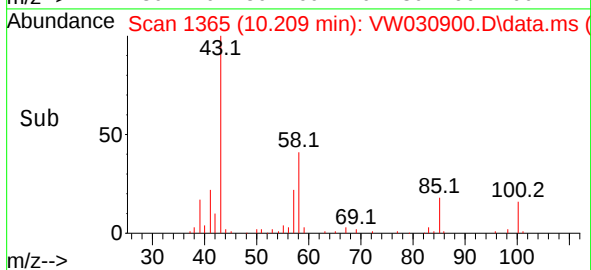
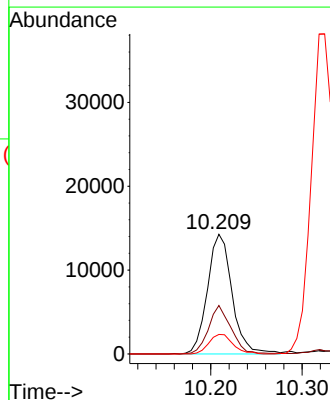
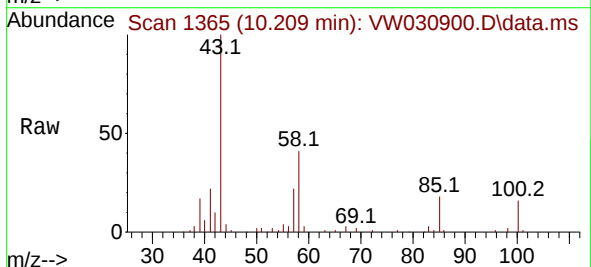
Instrument :
MSVOA_W
ClientSampleId :

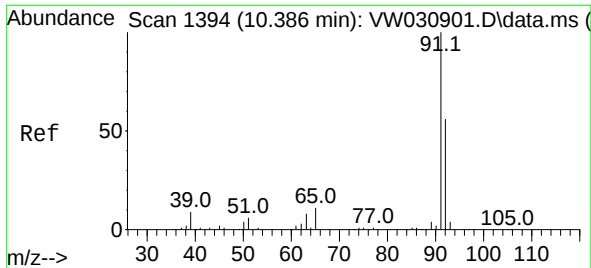
Tgt Ion: 75 Resp: 46756
Ion Ratio Lower Upper
75 100
77 32.0 21.3 39.6



#40
4-Methyl-2-pentanone
Concen: 9.159 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion: 43 Resp: 26706
Ion Ratio Lower Upper
43 100
58 37.1 32.2 48.4
100 15.9 13.3 19.9

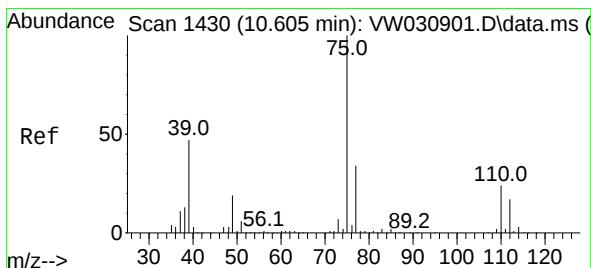
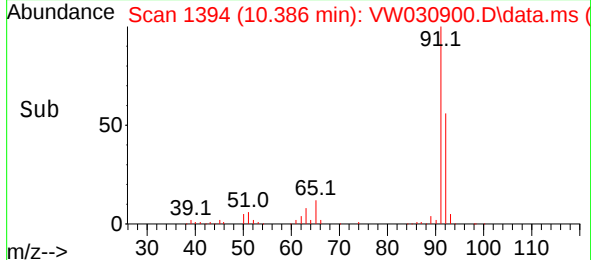
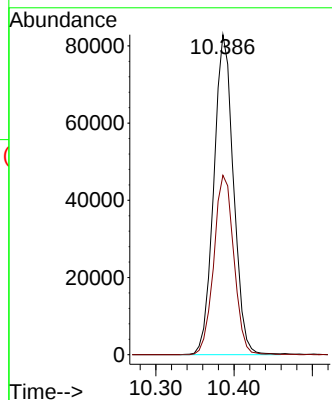
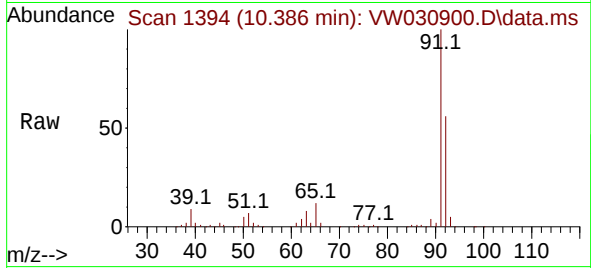




#42
Toluene
Concen: 5.316 ug/L
RT: 10.386 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

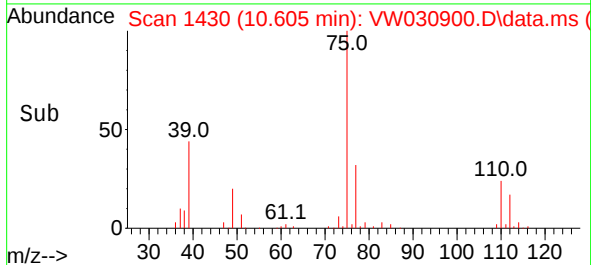
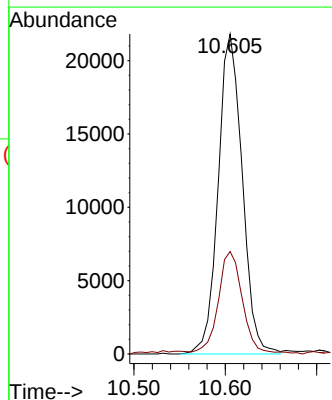
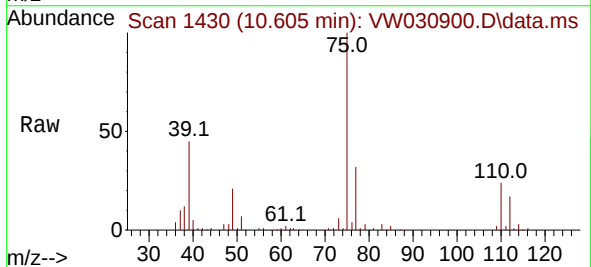
Instrument :
MSVOA_W
ClientSampleId :

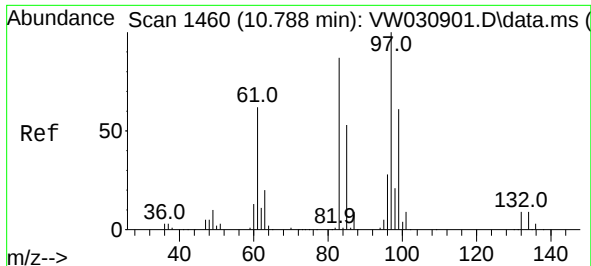
Tgt Ion: 91 Resp: 144753
Ion Ratio Lower Upper
91 100
92 56.1 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 5.001 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion: 75 Resp: 39941
Ion Ratio Lower Upper
75 100
77 32.0 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 5.219 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 24074

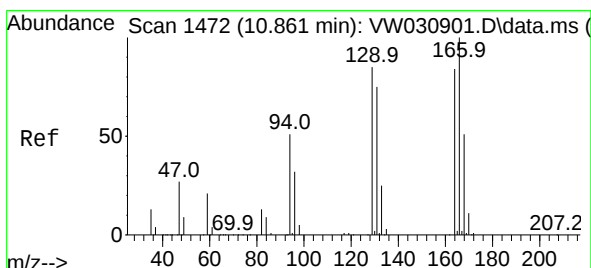
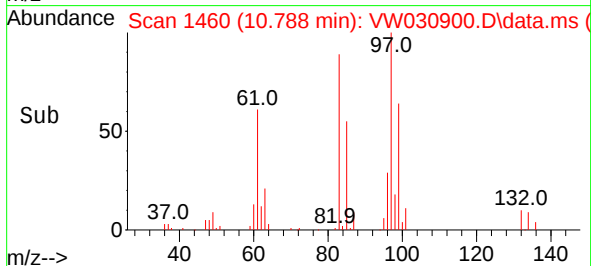
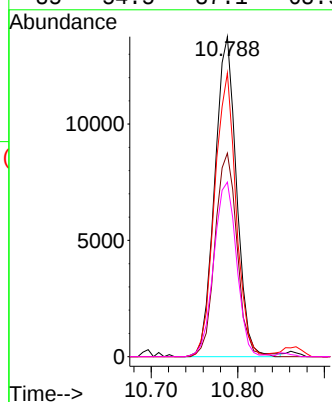
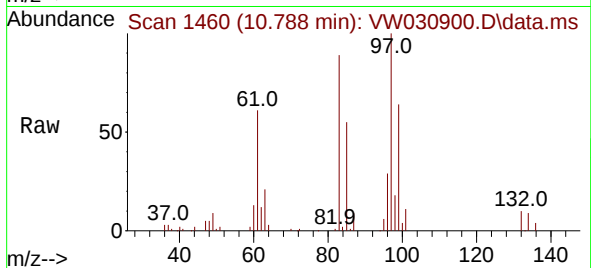
Ion Ratio Lower Upper

97 100

99 63.6 42.8 79.4

83 88.6 60.6 112.6

85 54.5 37.1 68.9



#46

Tetrachloroethene

Concen: 5.595 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Tgt Ion: 164 Resp: 30327

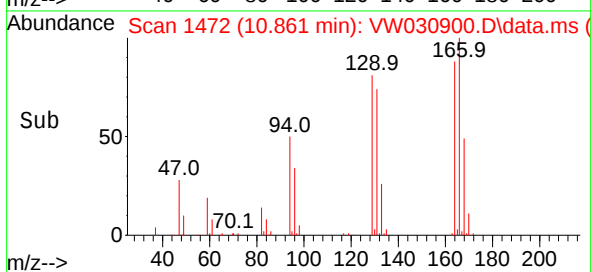
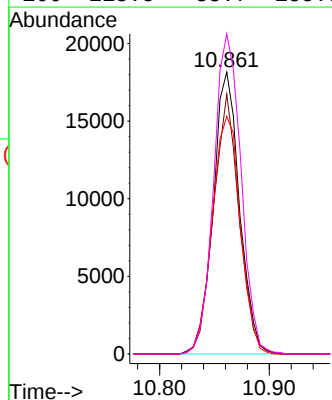
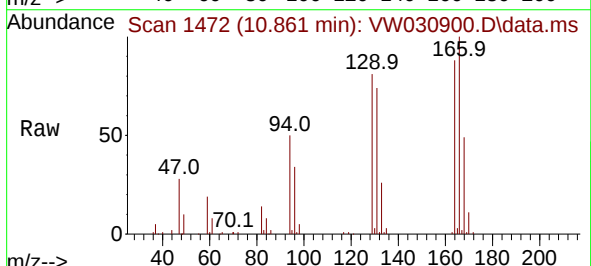
Ion Ratio Lower Upper

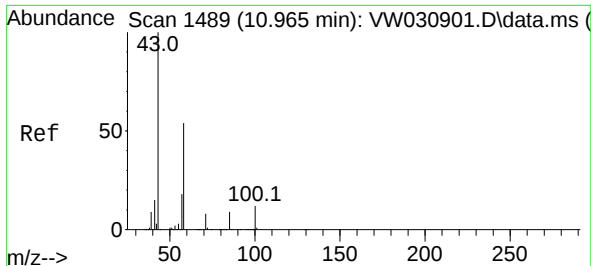
164 100

129 92.1 71.1 132.1

131 84.2 62.6 116.3

166 113.5 83.7 155.5

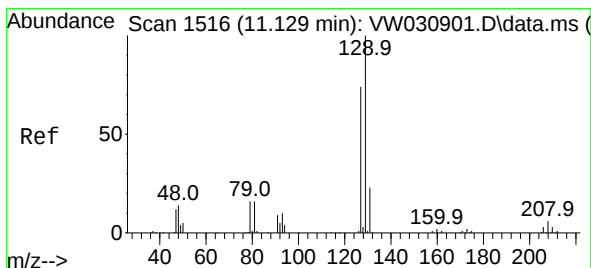
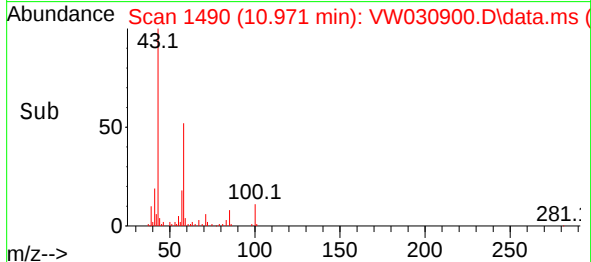
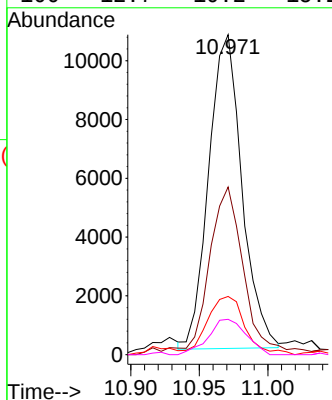
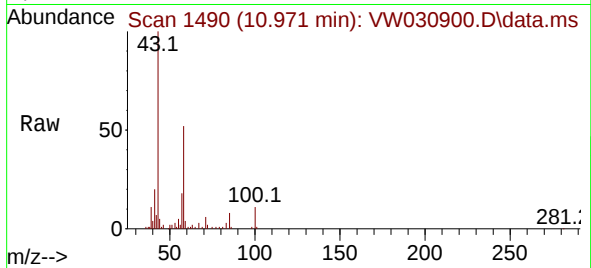




#48
2-Hexanone
Concen: 8.061 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

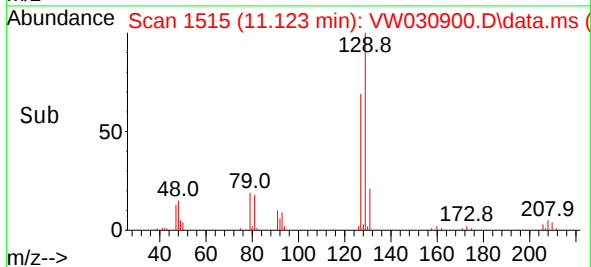
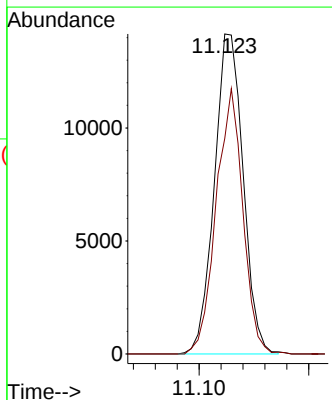
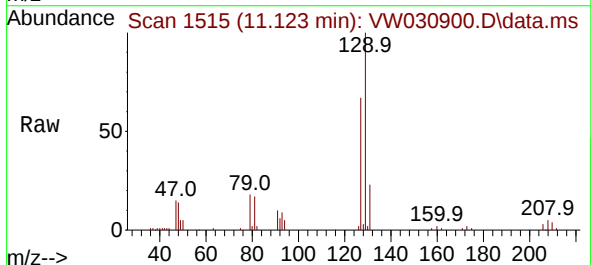
Instrument :
MSVOA_W
ClientSampleId :

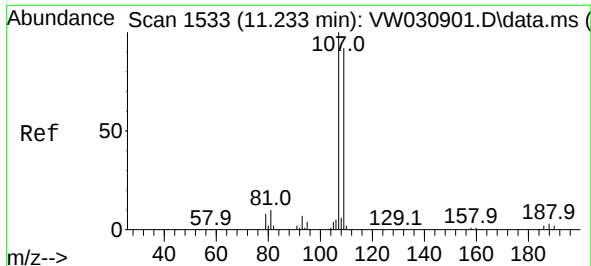
Tgt Ion:	43	Resp:	18023
Ion	Ratio	Lower	Upper
43	100		
58	53.6	43.8	65.8
57	20.5	15.4	23.2
100	12.7	10.2	15.2



#49
Dibromochloromethane
Concen: 5.142 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion:	129	Resp:	25861
Ion	Ratio	Lower	Upper
129	100		
127	67.4	52.1	96.7





#50

1,2-Dibromoethane

Concen: 5.087 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

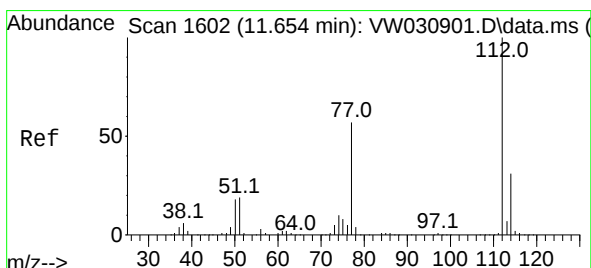
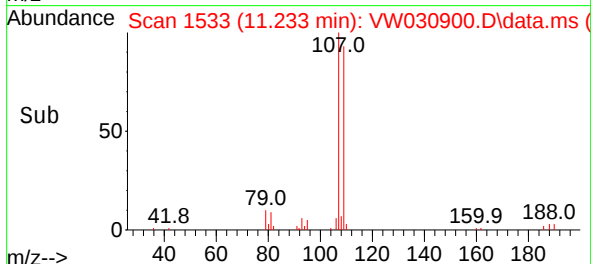
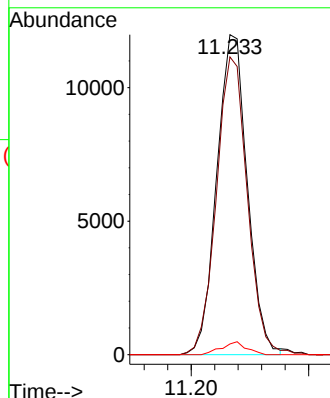
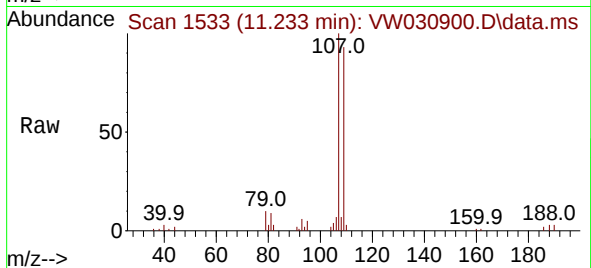
Tgt Ion:107 Resp: 21641

Ion Ratio Lower Upper

107 100

109 93.1 64.3 119.3

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 5.345 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

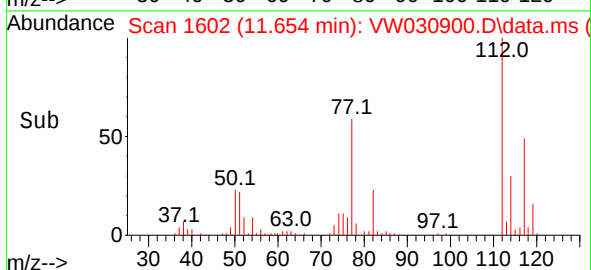
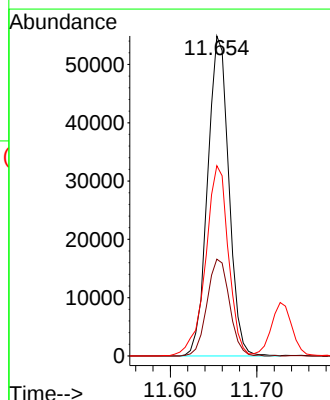
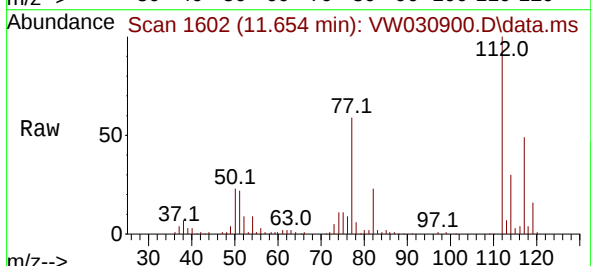
Tgt Ion:112 Resp: 93147

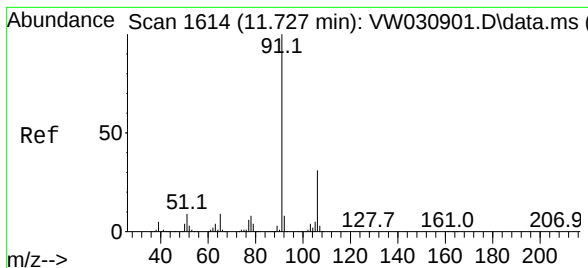
Ion Ratio Lower Upper

112 100

114 30.3 21.9 40.7

77 59.5 45.3 67.9

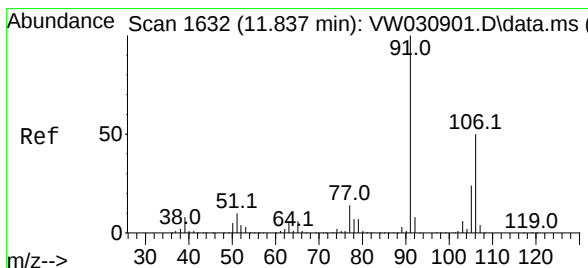
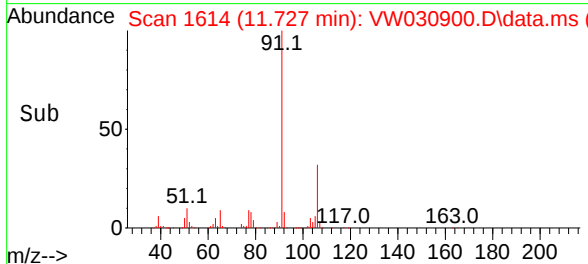
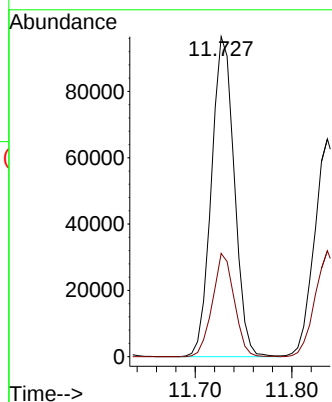
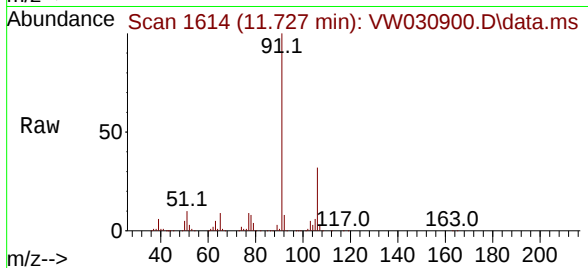




#52
Ethylbenzene
Concen: 5.160 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

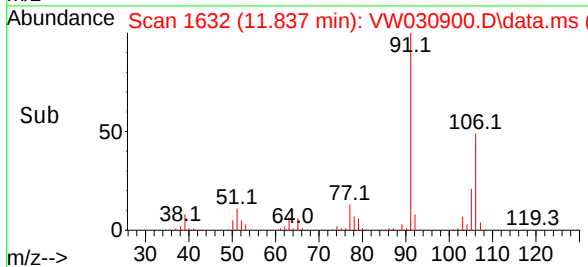
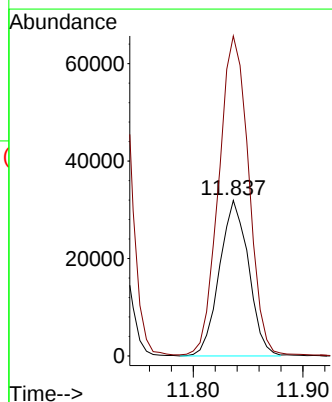
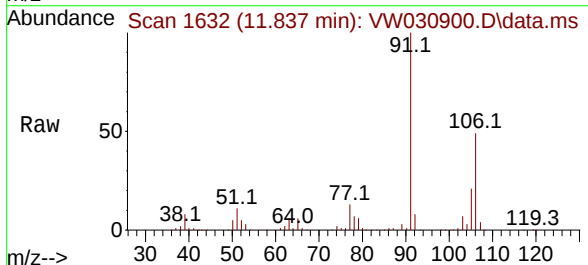
Instrument :
MSVOA_W
ClientSampleId :

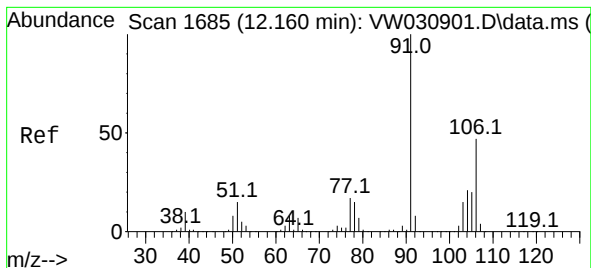
Tgt Ion: 91 Resp: 158751
Ion Ratio Lower Upper
91 100
106 32.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.094 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion:106 Resp: 58943
Ion Ratio Lower Upper
106 100
91 205.7 140.7 261.3





#54

o-Xylene

Concen: 5.056 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

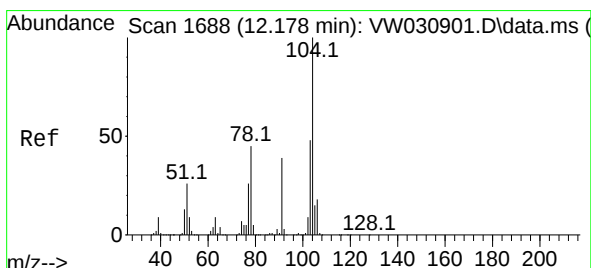
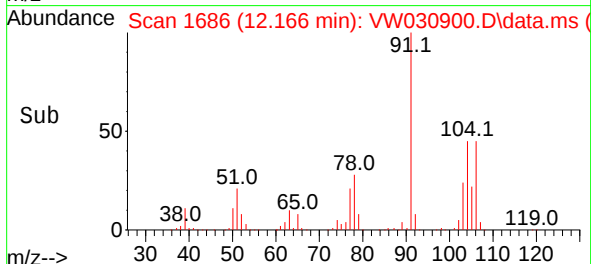
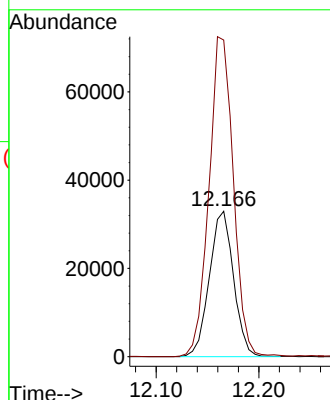
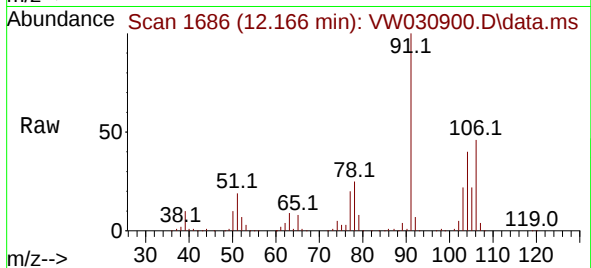
ClientSampleId :

Tgt Ion:106 Resp: 53829

Ion Ratio Lower Upper

106 100

91 217.7 149.9 278.3



#55

Styrene

Concen: 5.078 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030900.D

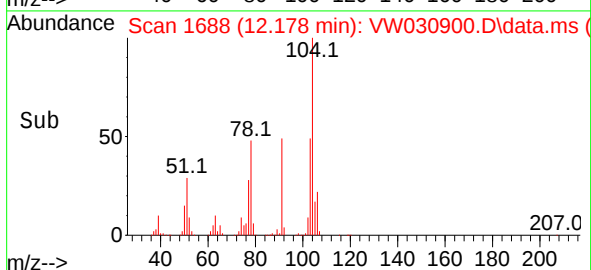
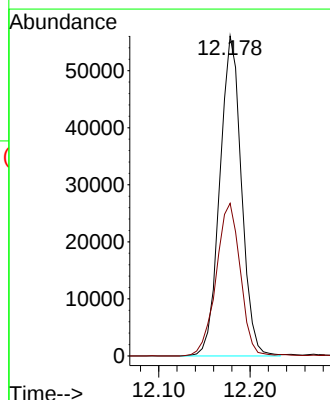
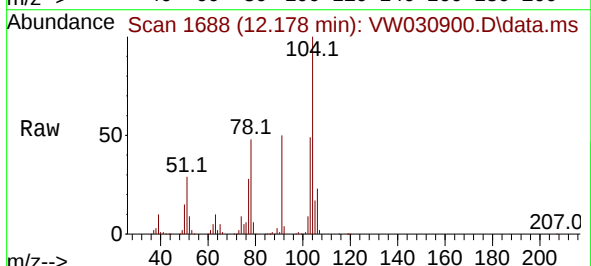
Acq: 04 Nov 2024 10:39

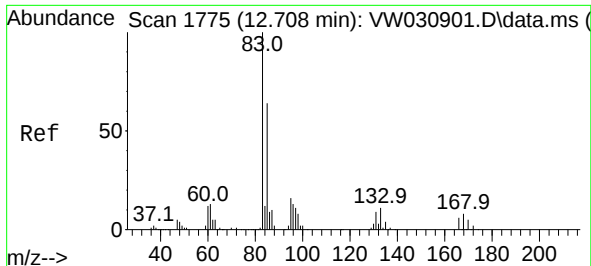
Tgt Ion:104 Resp: 92377

Ion Ratio Lower Upper

104 100

78 47.7 31.8 59.0

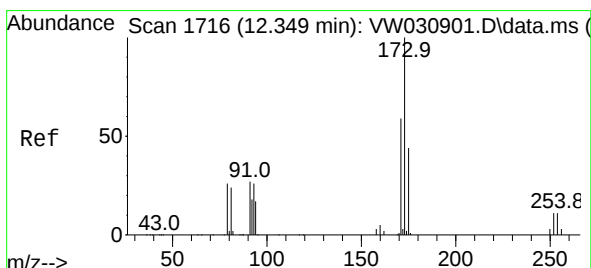
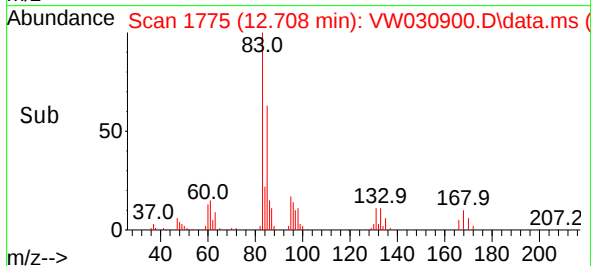
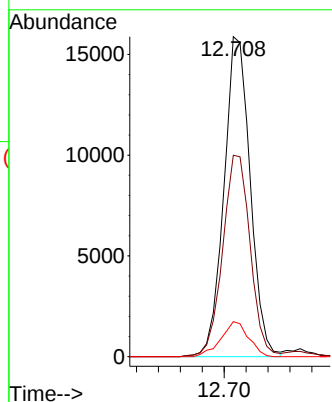
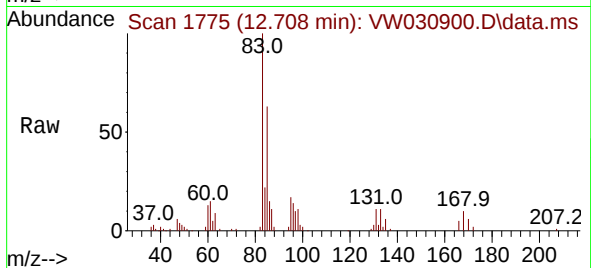




#57
1,1,2,2-Tetrachloroethane
Concen: 5.257 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

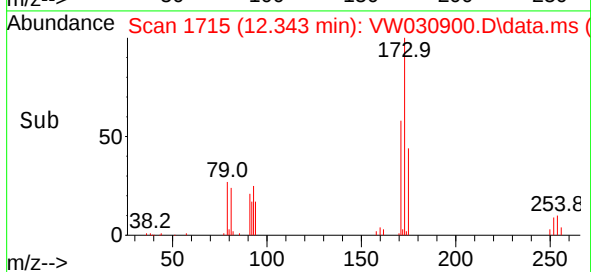
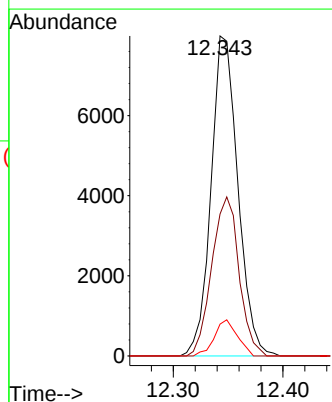
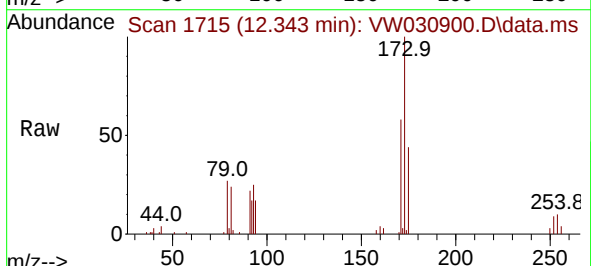
Instrument :
MSVOA_W
ClientSampleId :

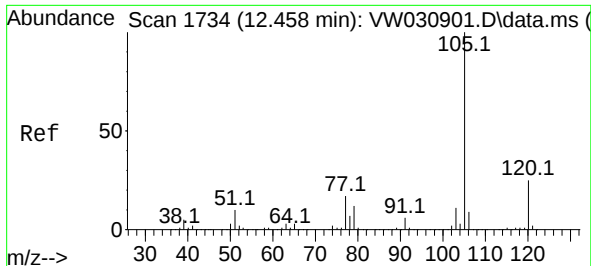
Tgt Ion:	83	Resp:	26461
Ion Ratio	Lower	Upper	
83	100		
85	62.9	45.1	83.7
131	11.0	7.7	11.5



#59
Bromoform
Concen: 4.827 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion:	173	Resp:	13613
Ion Ratio	Lower	Upper	
173	100		
175	50.3	39.3	58.9
254	9.7	7.8	11.6

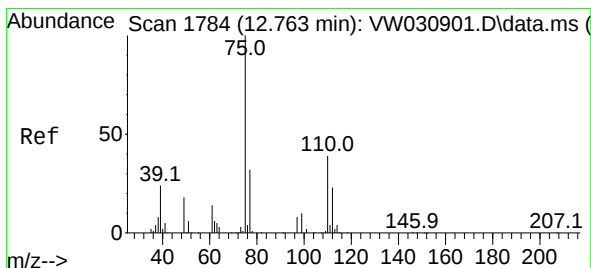
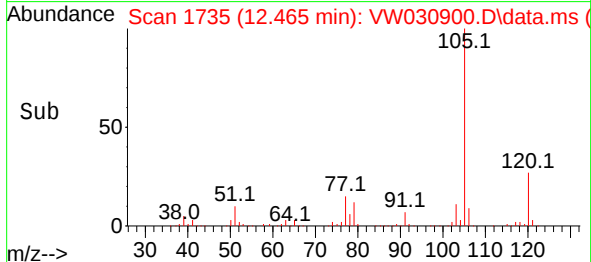
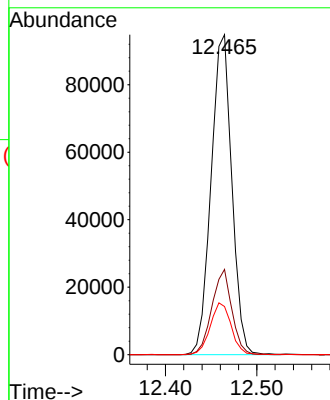
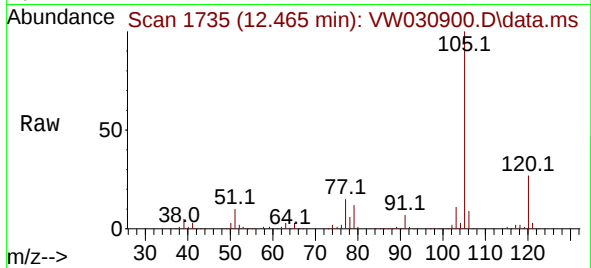




#60
Isopropylbenzene
Concen: 4.952 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

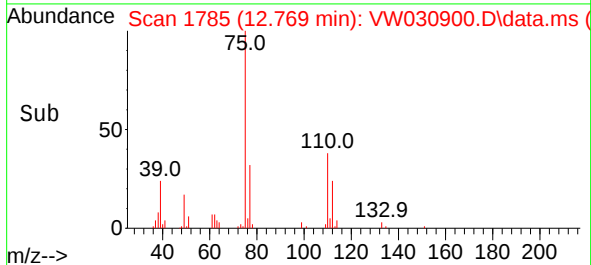
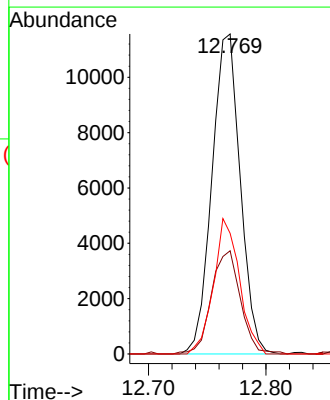
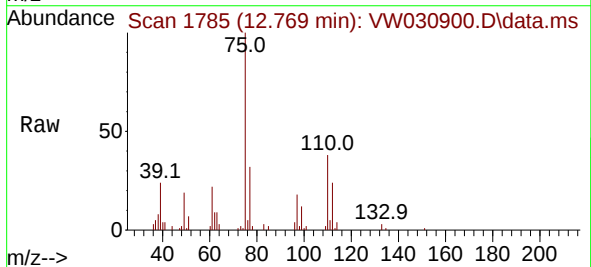
Instrument :
MSVOA_W
ClientSampleId :

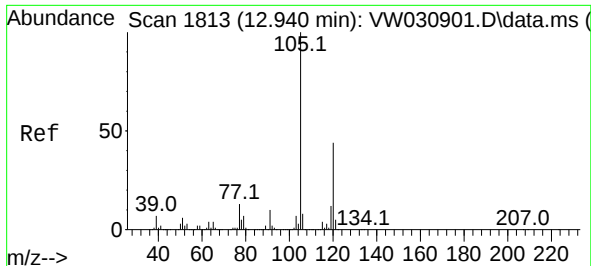
Tgt Ion:105 Resp: 149176
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.234 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion: 75 Resp: 19381
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 38.9 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 4.589 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

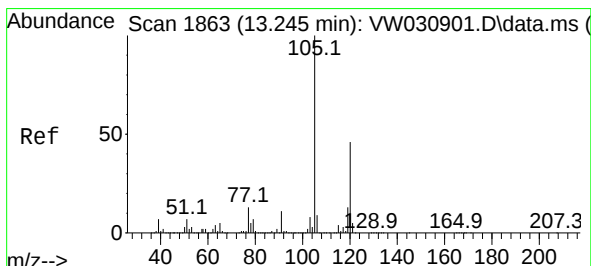
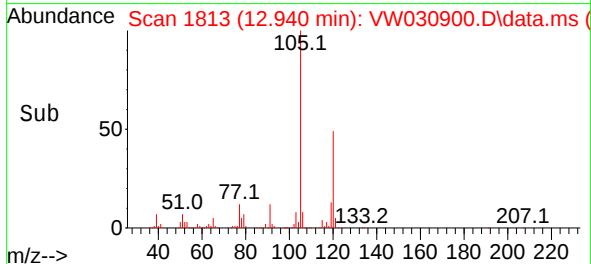
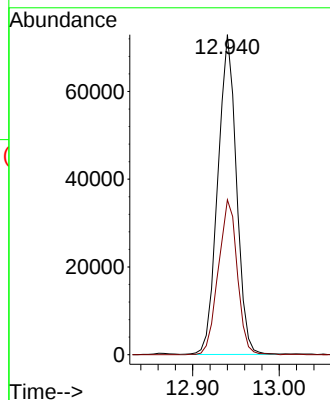
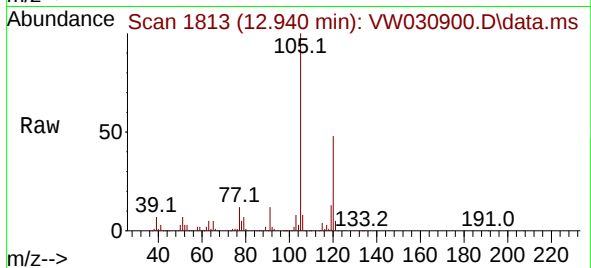
ClientSampleId :

Tgt Ion:105 Resp: 108841

Ion Ratio Lower Upper

105 100

120 49.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.635 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030900.D

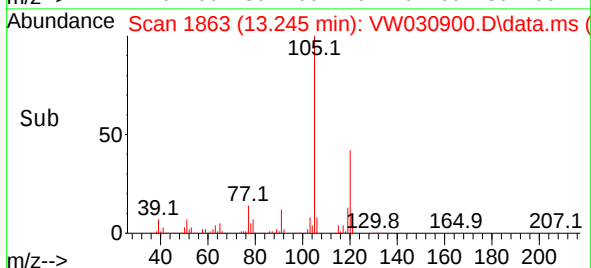
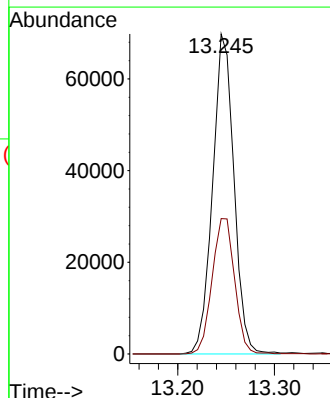
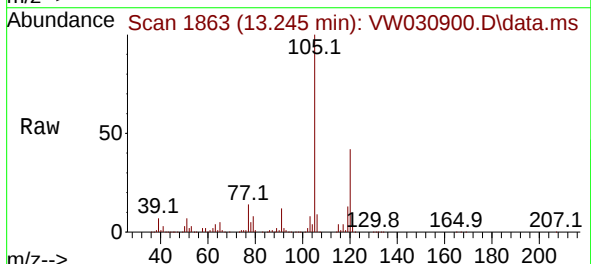
Acq: 04 Nov 2024 10:39

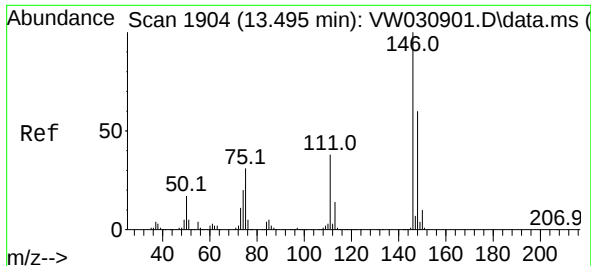
Tgt Ion:105 Resp: 107064

Ion Ratio Lower Upper

105 100

120 44.4 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 5.068 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

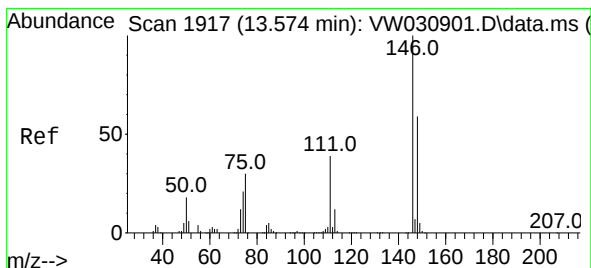
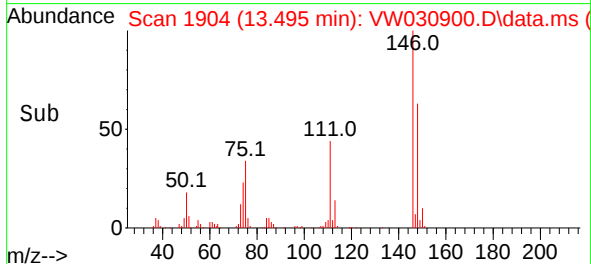
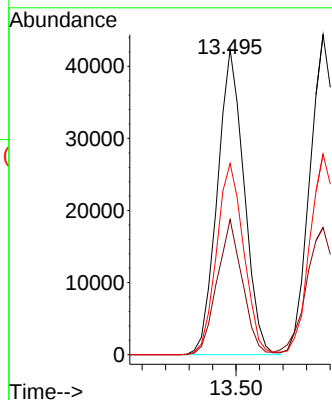
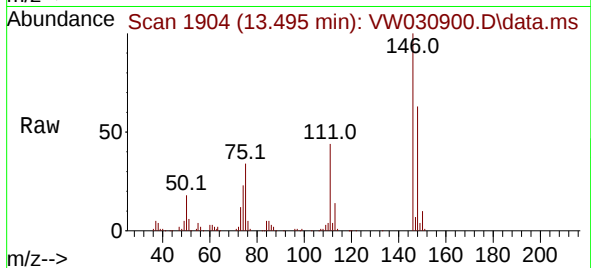
Tgt Ion:146 Resp: 67039

Ion Ratio Lower Upper

146 100

111 44.3 26.8 49.8

148 62.6 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 5.211 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030900.D

Acq: 04 Nov 2024 10:39

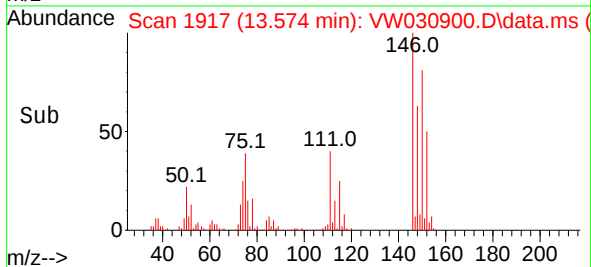
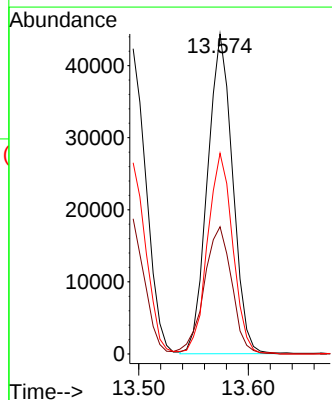
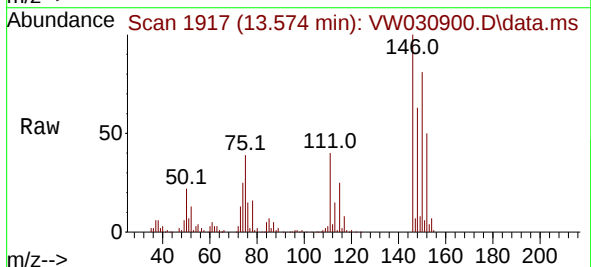
Tgt Ion:146 Resp: 70769

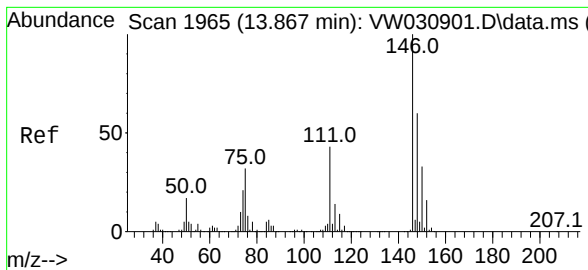
Ion Ratio Lower Upper

146 100

111 39.7 27.6 51.4

148 62.7 41.6 77.2

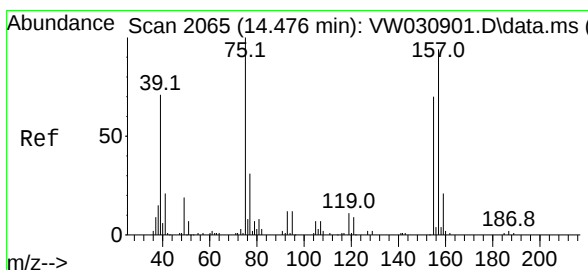
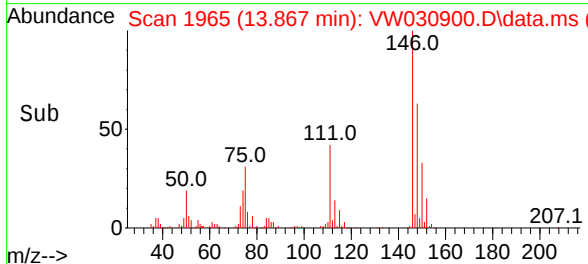
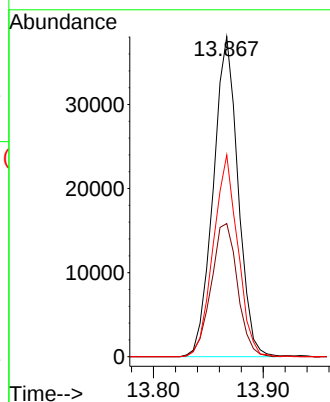
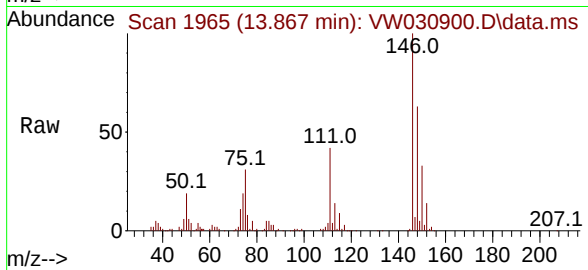




#67
1,2-Dichlorobenzene
Concen: 5.080 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

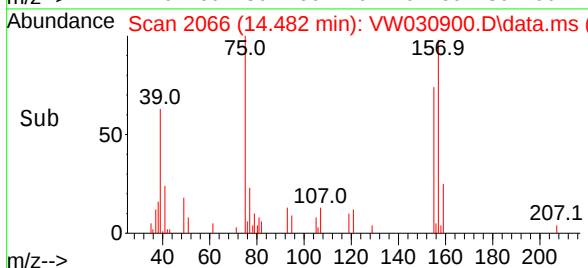
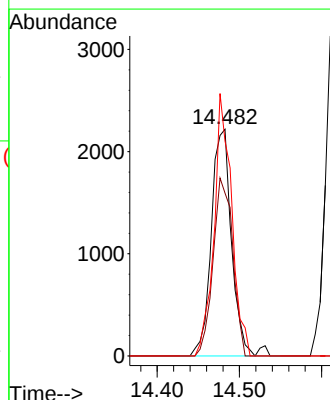
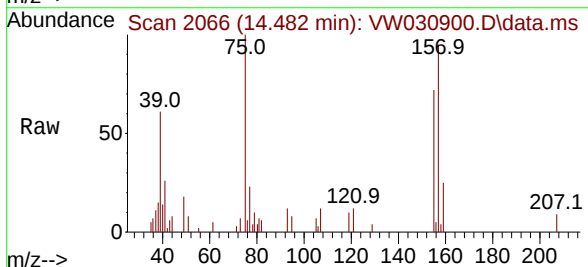
Instrument :
MSVOA_W
ClientSampleId :

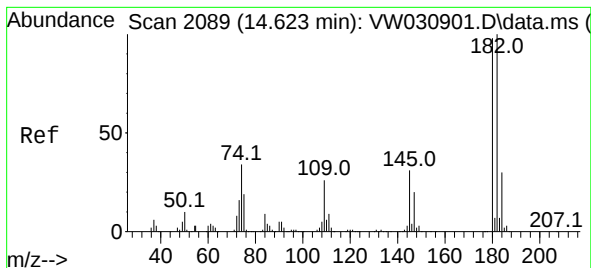
Tgt Ion:146 Resp: 59887
Ion Ratio Lower Upper
146 100
111 41.6 34.3 51.5
148 63.1 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.867 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

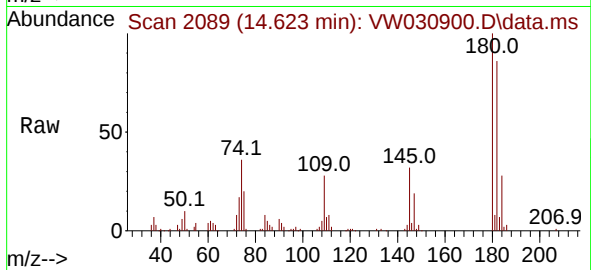
Tgt Ion: 75 Resp: 3815
Ion Ratio Lower Upper
75 100
155 71.8 56.2 84.2
157 94.8 74.9 112.3



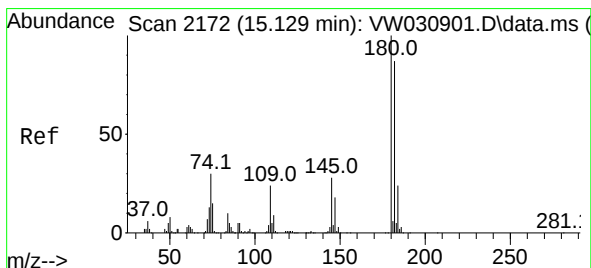
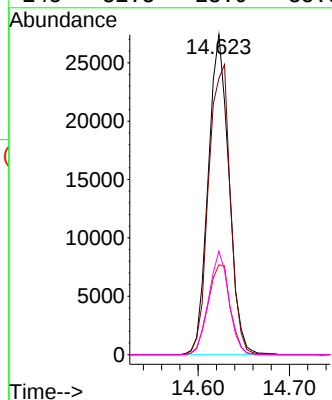
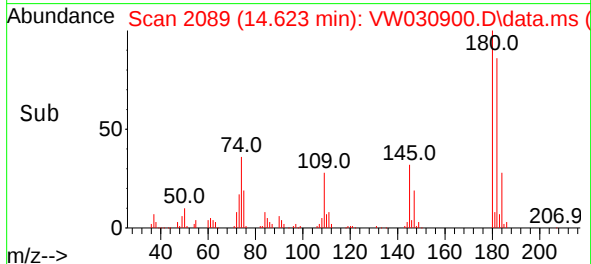


#69
1,3,5-Trichlorobenzene
Concen: 4.918 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

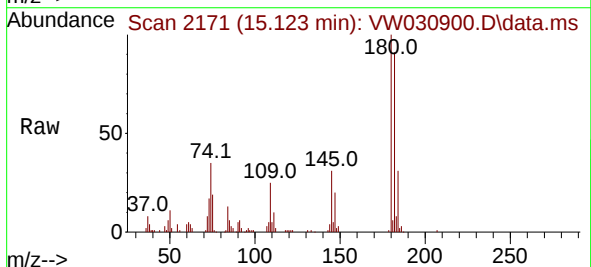
Instrument :
MSVOA_W
ClientSampleId :



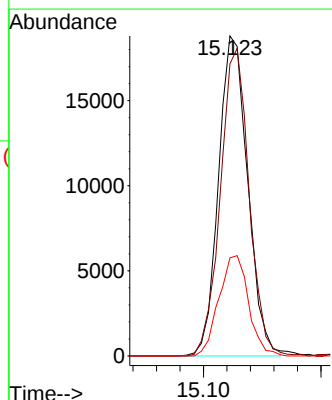
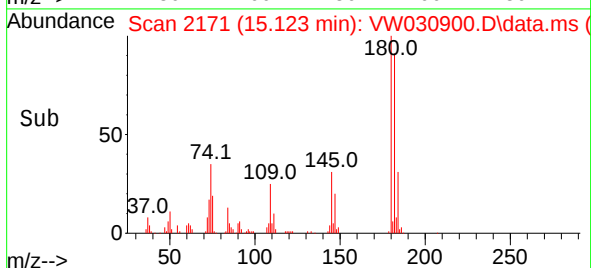
Tgt Ion:180 Resp: 43167
Ion Ratio Lower Upper
180 100
182 94.8 76.6 114.8
184 30.3 23.9 35.9
145 31.3 23.9 35.9

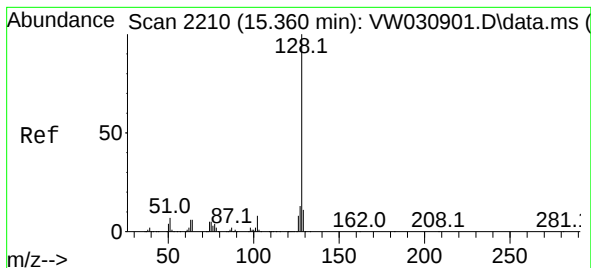


#70
1,2,4-trichlorobenzene
Concen: 4.649 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39



Tgt Ion:180 Resp: 32408
Ion Ratio Lower Upper
180 100
182 94.5 74.5 111.7
145 31.9 24.2 36.2

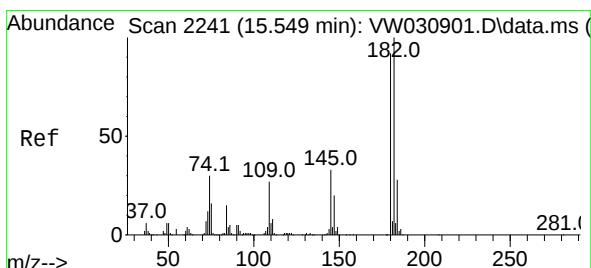
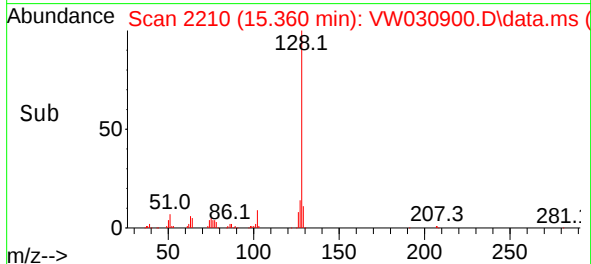
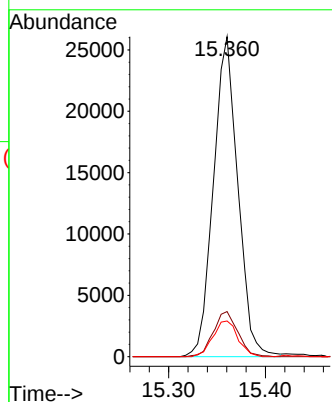
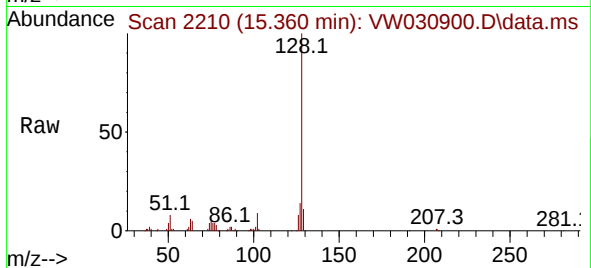




#71
Naphthalene
Concen: 4.047 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 45726
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 11.4 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 4.808 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030900.D
Acq: 04 Nov 2024 10:39

Tgt Ion:180 Resp: 28885
Ion Ratio Lower Upper
180 100
182 94.8 79.2 118.8
145 32.7 27.0 40.6

