

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100424\
 Data File : VW030411.D
 Acq On : 04 Oct 2024 22:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 05 01:31:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 05 01:25:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	203385	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	193533	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101487	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	44790	28.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.720%
7) Chloroethane-d5	2.899	69	36894	31.905	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.640%
11) 1,1-Dichloroethene-d2	4.015	65	28080	24.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.800%
21) 2-Butanone-d5	7.075	46	35747	55.930	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.860%
24) Chloroform-d	7.654	84	146707	26.850	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	8.307	65	77244	27.085	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.320%
32) Benzene-d6	8.276	84	288715	26.617	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.480%
36) 1,2-Dichloropropane-d6	9.276	67	89941	27.569	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.280%
41) Toluene-d8	10.325	98	263747	26.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.080%
43) trans-1,3-Dichloroprop...	10.575	79	34004	25.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.240%
47) 2-Hexanone-d5	10.922	63	30631	56.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70631	28.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	87605	26.000	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	46160	20.764	ug/L	97
3) Chloromethane	2.222	50	43246	24.832	ug/L	95
5) Vinyl chloride	2.375	62	50014	27.015	ug/L	96
6) Bromomethane	2.789	94	33174	26.922	ug/L	97
8) Chloroethane	2.936	64	30146	29.846	ug/L	98
9) Trichlorofluoromethane	3.271	101	57884	24.271	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	56111	23.615	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	55425	23.456	ug/L	98
13) Acetone	4.131	43	22696	33.476	ug/L	98
14) Carbon disulfide	4.393	76	170675	21.721	ug/L	98
15) Methyl Acetate	4.673	43	26350	23.828	ug/L	99
16) Methylene chloride	4.923	84	64919	20.739	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	63775	23.250	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	100135	22.952	ug/L	99
19) 1,1-Dichloroethane	6.222	63	122633	23.476	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	70096	23.129	ug/L	95
22) 2-Butanone	7.173	43	34830	40.186	ug/L	99
23) Bromochloromethane	7.514	128	30339	22.931	ug/L	94
25) Chloroform	7.679	83	127791	23.589	ug/L	99

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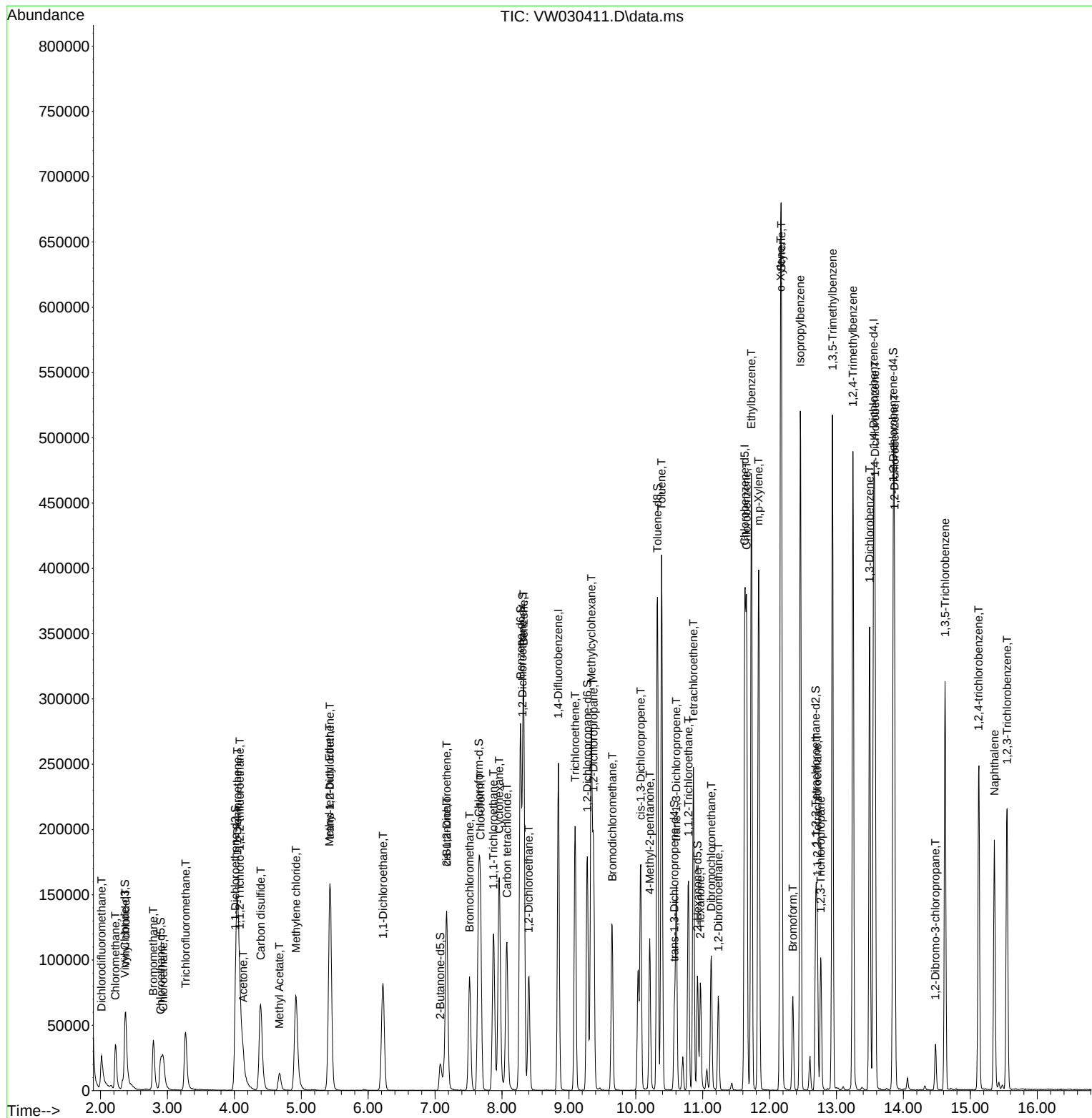
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	81485	22.680	ug/L	99
29) Cyclohexane	7.959	56	95367	22.354	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	101491	22.638	ug/L	98
31) Carbon tetrachloride	8.075	117	89789	22.409	ug/L	99
33) Benzene	8.325	78	277751	23.563	ug/L	100
34) Trichloroethene	9.093	95	72022	22.970	ug/L	95
35) Methylcyclohexane	9.337	83	114366	23.768	ug/L	99
37) 1,2-Dichloropropane	9.367	63	74058	23.812	ug/L	99
38) Bromodichloromethane	9.648	83	89357	22.884	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	107841	22.613	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	75537	47.219	ug/L	99
42) Toluene	10.386	91	299432	23.728	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	87274	22.086	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	53065	24.211	ug/L	97
46) Tetrachloroethene	10.861	164	54917	23.416	ug/L	98
48) 2-Hexanone	10.965	43	51065	43.351	ug/L	98
49) Dibromochloromethane	11.129	129	57432	23.285	ug/L	90
50) 1,2-Dibromoethane	11.233	107	48841	23.551	ug/L #	99
51) Chlorobenzene	11.654	112	190740	23.389	ug/L	96
52) Ethylbenzene	11.727	91	336241	23.520	ug/L	100
53) m,p-Xylene	11.837	106	128546	24.087	ug/L	97
54) o-Xylene	12.166	106	124239	24.459	ug/L	97
55) Styrene	12.178	104	213321	24.618	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	61305	23.883	ug/L #	98
59) Bromoform	12.349	173	33313	22.658	ug/L	99
60) Isopropylbenzene	12.458	105	329904	22.902	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	44109	22.863	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	271442	23.297	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	266615	23.160	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	145732	22.638	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	152640	23.211	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	130992	22.825	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	9717	21.982	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	97822	22.017	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	81482	22.150	ug/L	95
71) Naphthalene	15.360	128	159614	23.721	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	73514	22.831	ug/L	99

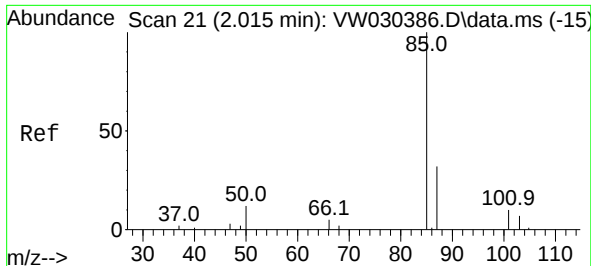
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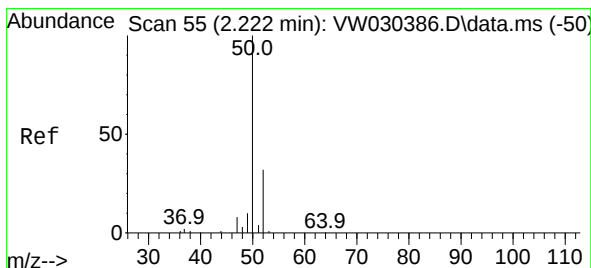
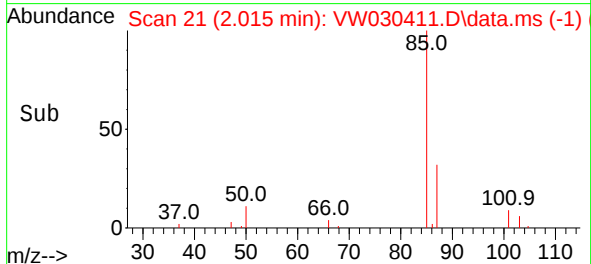
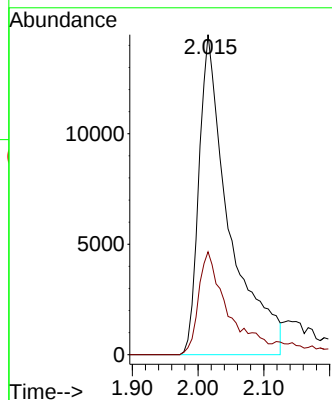
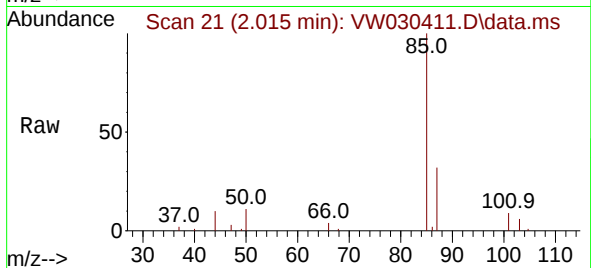




#2
 Dichlorodifluoromethane
 Concen: 20.764 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030411.D
 Acq: 04 Oct 2024 22:23

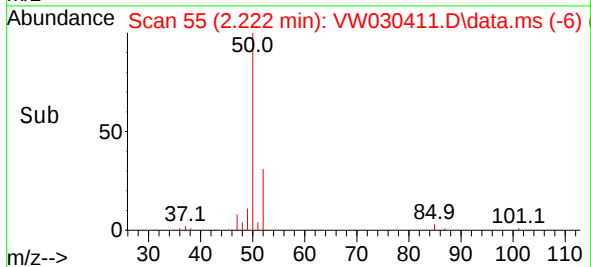
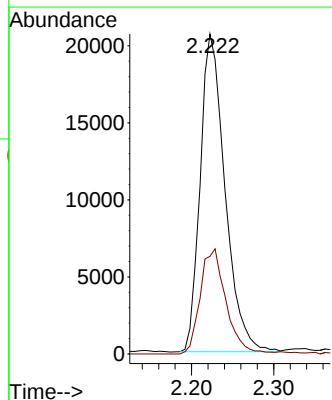
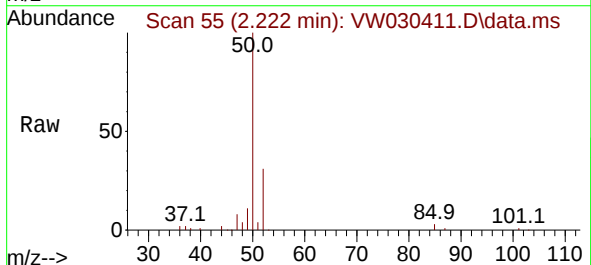
Instrument :
 MSVOA_W
 ClientSampleId :

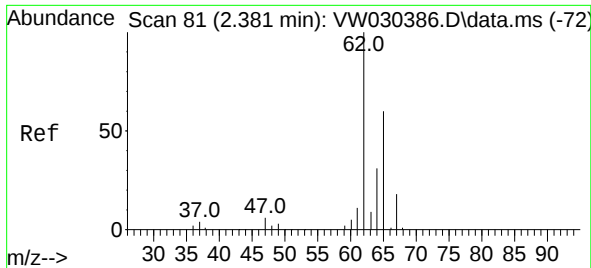
Tgt Ion: 85 Resp: 46160
 Ion Ratio Lower Upper
 85 100
 87 28.3 24.0 36.0



#3
 Chloromethane
 Concen: 24.832 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030411.D
 Acq: 04 Oct 2024 22:23

Tgt Ion: 50 Resp: 43246
 Ion Ratio Lower Upper
 50 100
 52 30.5 23.5 43.7





#5

Vinyl chloride

Concen: 27.015 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

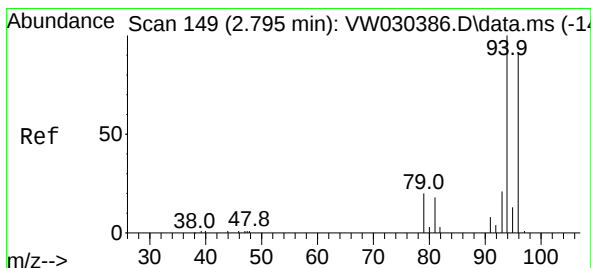
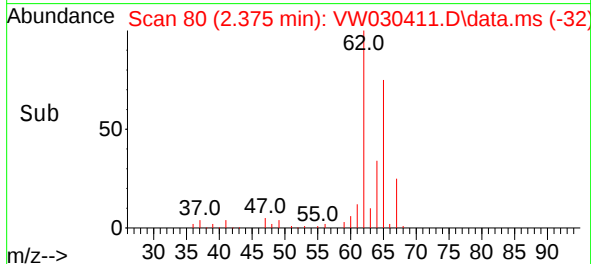
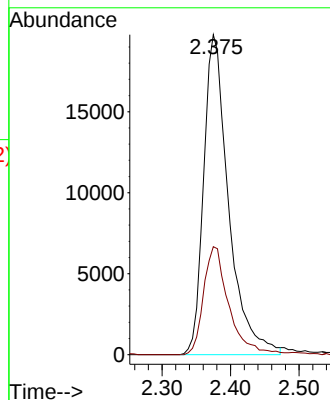
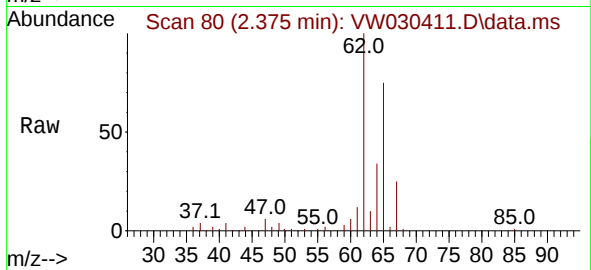
ClientSampleId :

Tgt Ion: 62 Resp: 50014

Ion Ratio Lower Upper

62 100

64 33.8 22.1 41.1



#6

Bromomethane

Concen: 26.922 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW030411.D

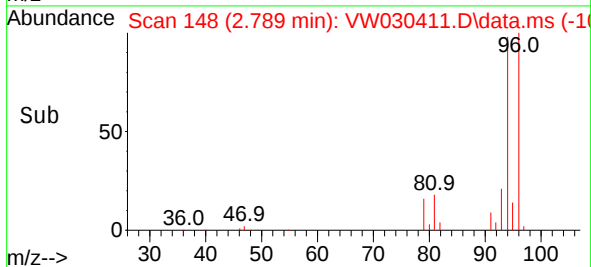
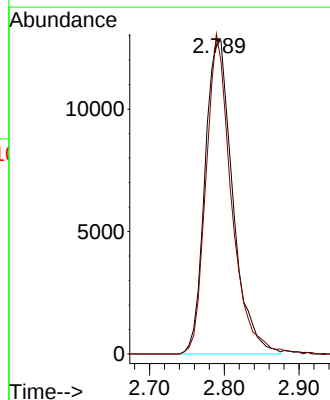
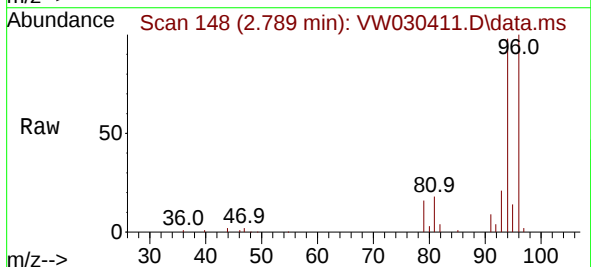
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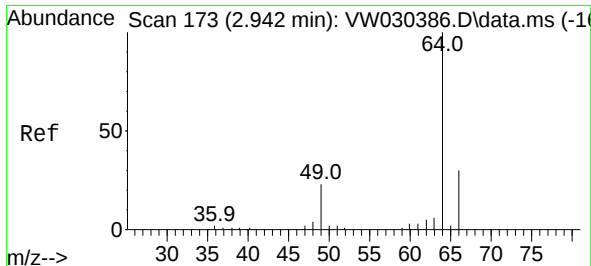
Tgt Ion: 94 Resp: 33174

Ion Ratio Lower Upper

94 100

96 102.0 69.7 129.4

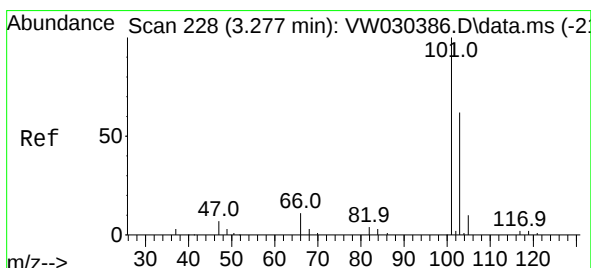
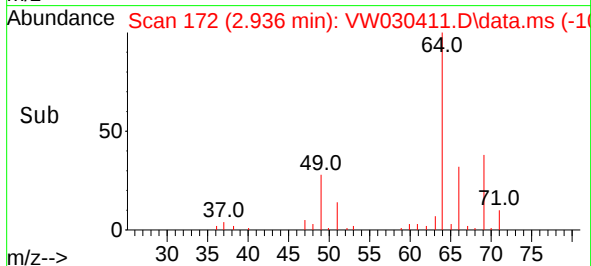
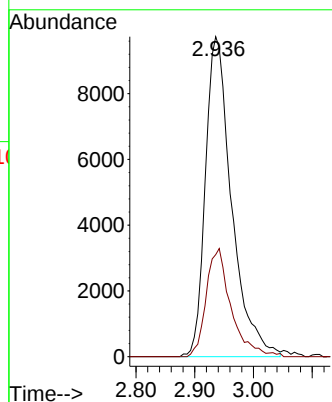
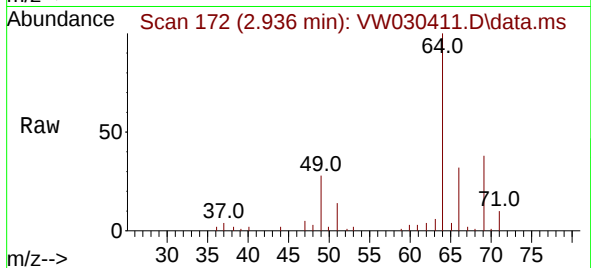




#8
Chloroethane
Concen: 29.846 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

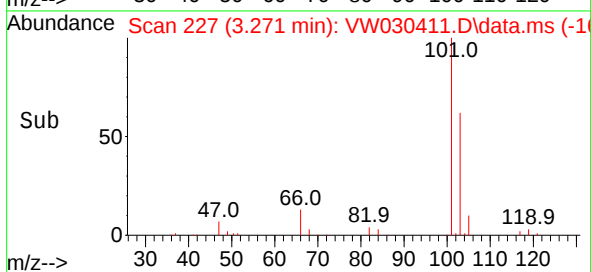
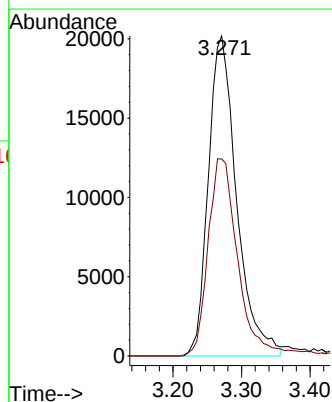
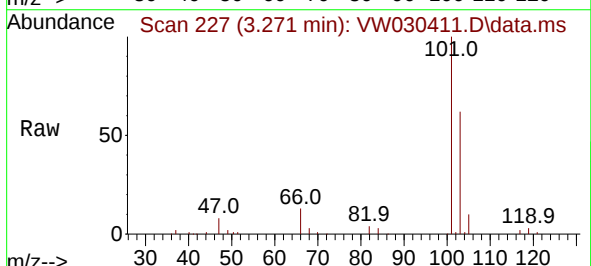
Instrument :
MSVOA_W
ClientSampleId :

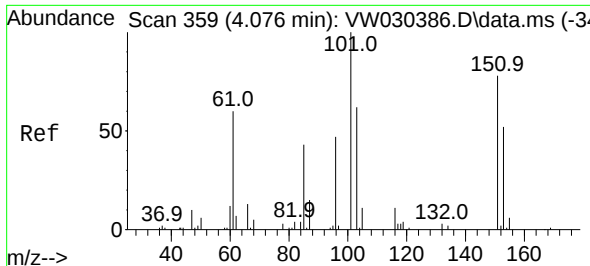
Tgt Ion: 64 Resp: 30146
Ion Ratio Lower Upper
64 100
66 31.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 24.271 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion:101 Resp: 57884
Ion Ratio Lower Upper
101 100
103 63.9 50.2 75.4





#10

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

Concen: 23.615 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

ClientSampleId :

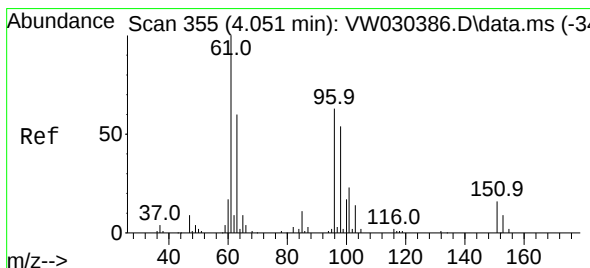
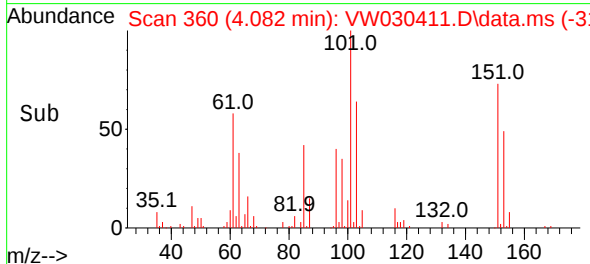
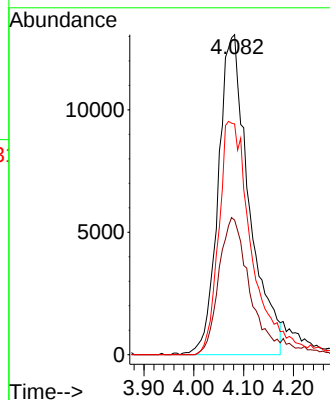
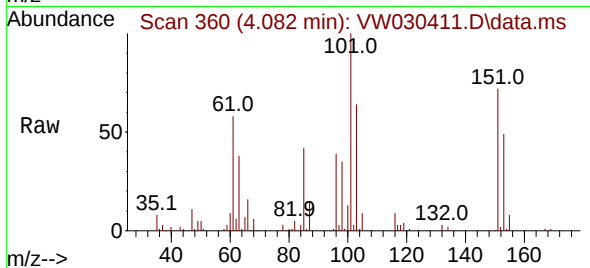
Tgt Ion:101 Resp: 56111

Ion Ratio Lower Upper

101 100

85 42.6 30.5 45.7

151 32.6 52.9 79.3#



#12

1,1-Dichloroethene

Concen: 23.456 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

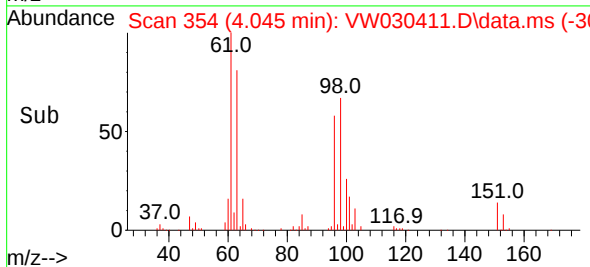
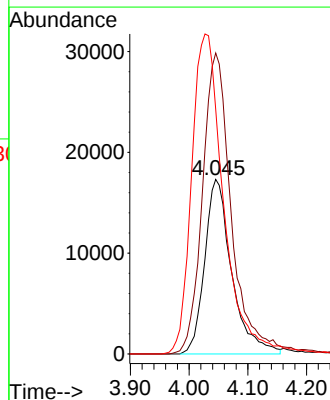
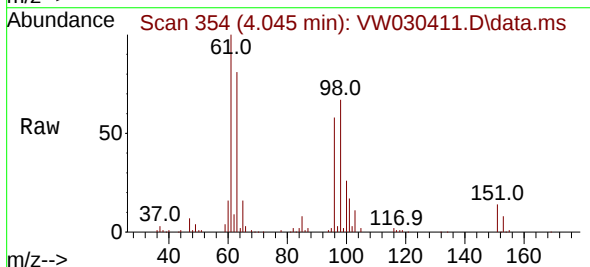
Tgt Ion: 96 Resp: 55425

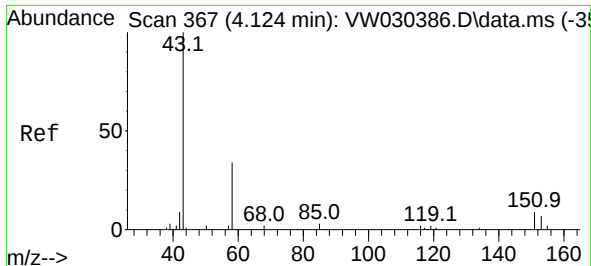
Ion Ratio Lower Upper

96 100

61 172.4 120.1 223.1

63 140.1 94.8 176.2

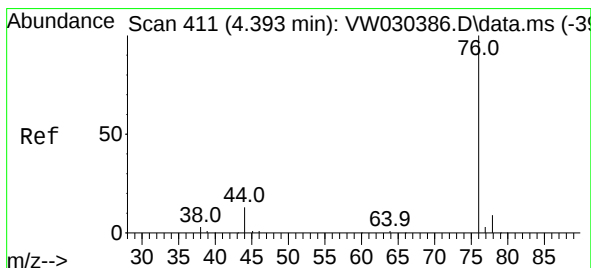
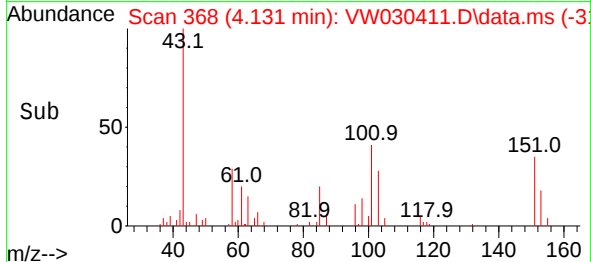
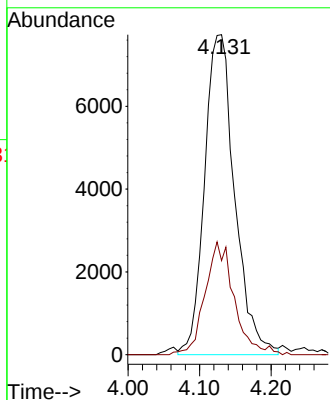
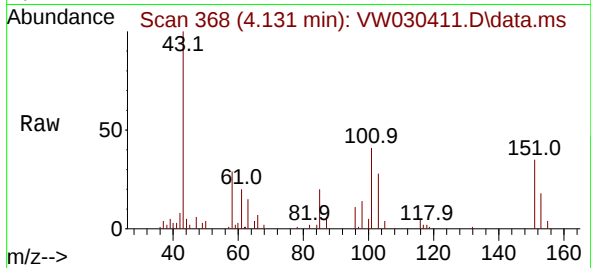




#13
Acetone
Concen: 33.476 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

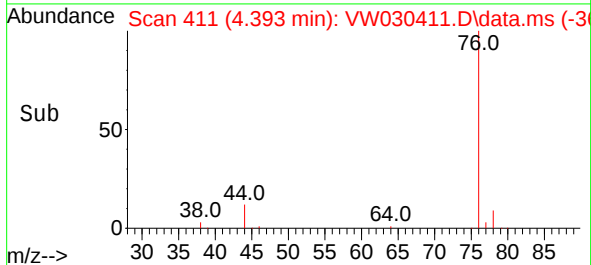
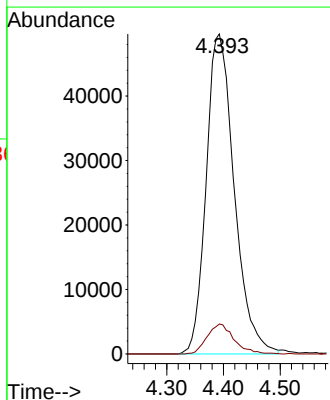
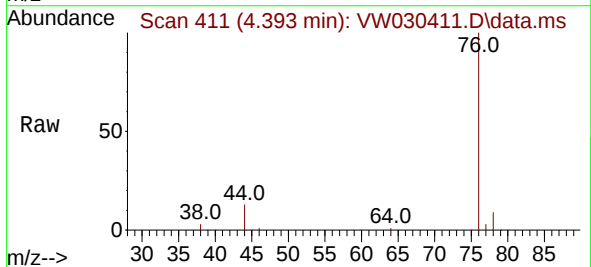
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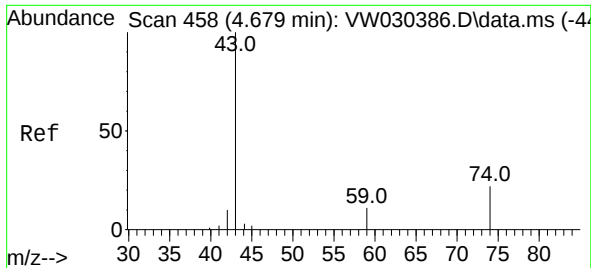
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Ion Ratio Lower Upper
43 100
58 33.3 0.0 64.0



#14
Carbon disulfide
Concen: 21.721 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 170675
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

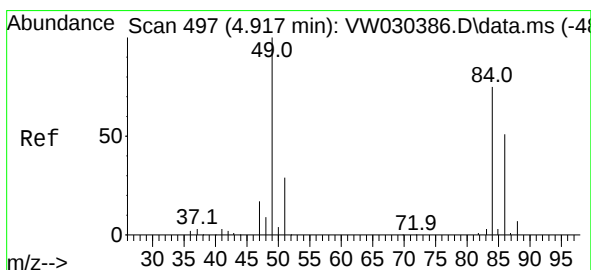
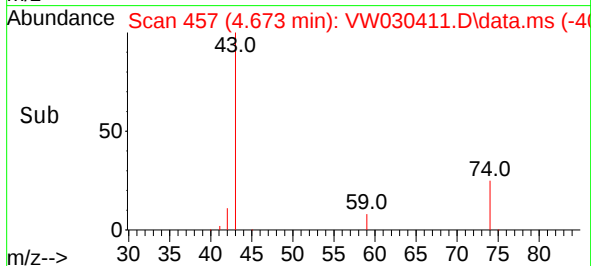
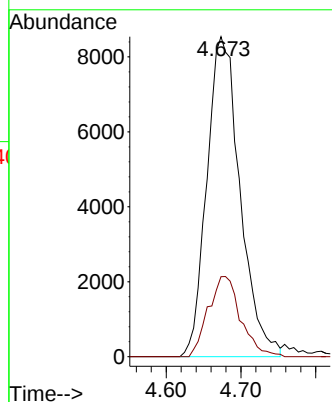
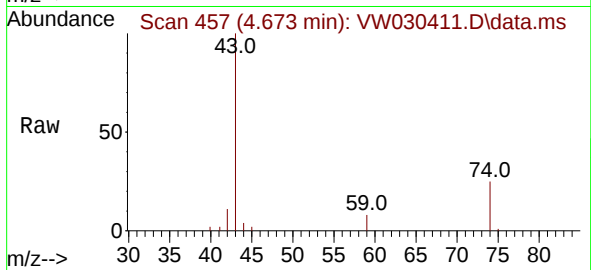




#15
Methyl Acetate
Concen: 23.828 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

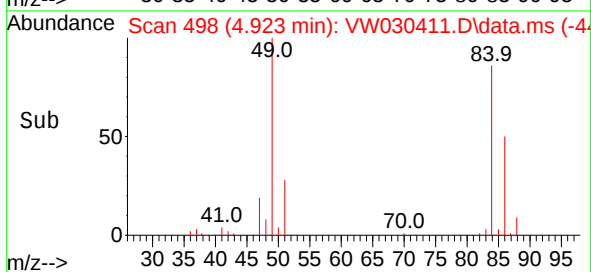
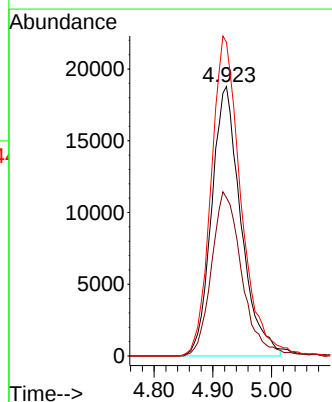
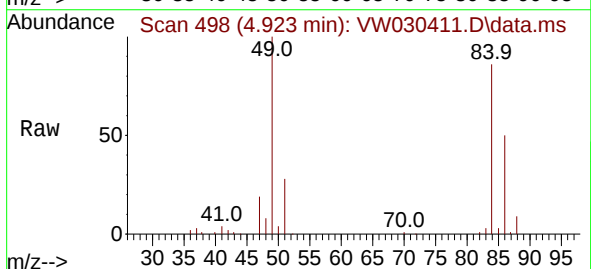
Instrument :
MSVOA_W
ClientSampleId :

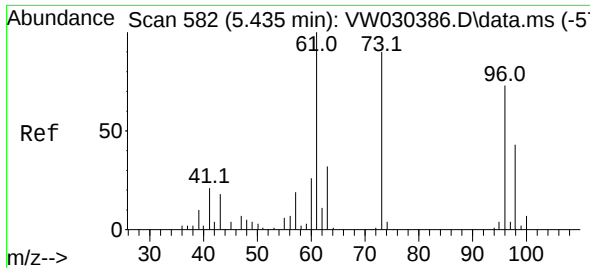
Tgt Ion: 43 Resp: 26350
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6



#16
Methylene chloride
Concen: 20.739 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion: 84 Resp: 64919
Ion Ratio Lower Upper
84 100
86 58.7 44.8 83.2
49 116.5 83.6 155.2

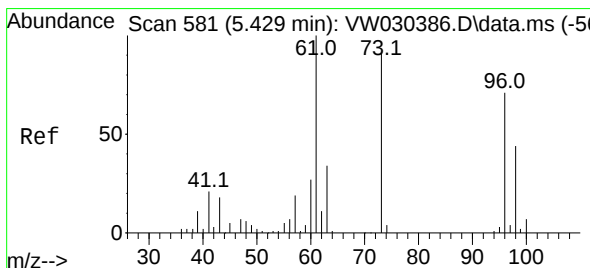
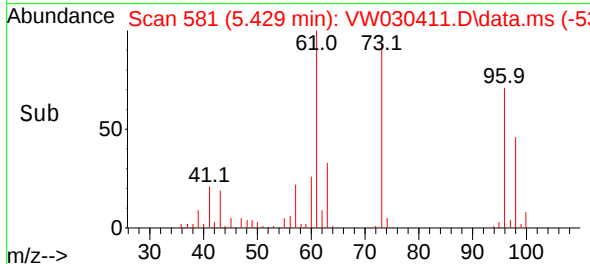
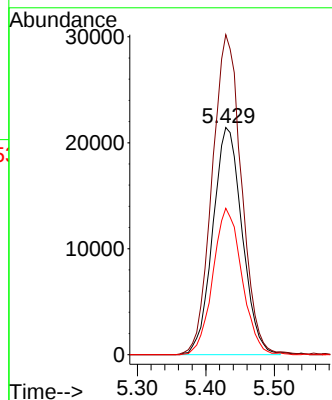
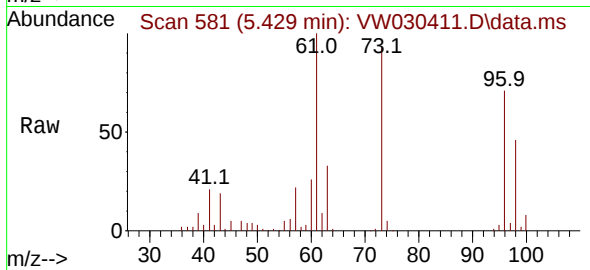




#17
trans-1,2-Dichloroethene
Concen: 23.250 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

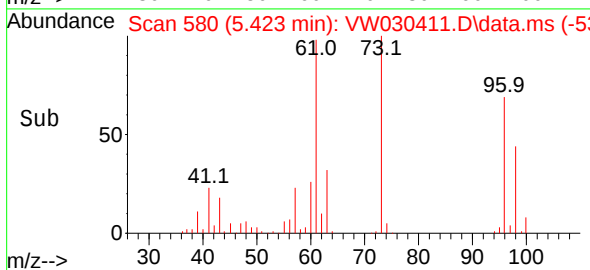
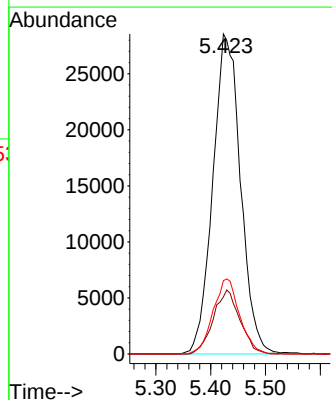
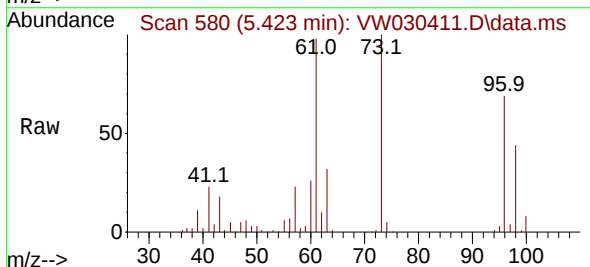
Instrument :
MSVOA_W
ClientSampleId :

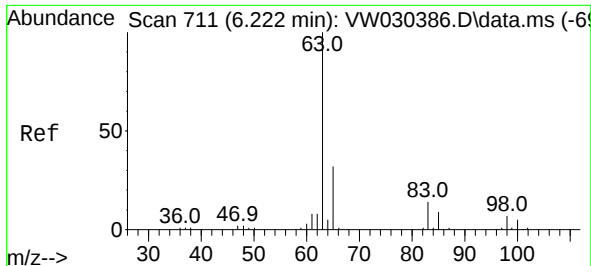
Tgt Ion: 96 Resp: 63775
Ion Ratio Lower Upper
96 100
61 140.9 100.3 186.3
98 64.5 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 22.952 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion: 73 Resp: 100135
Ion Ratio Lower Upper
73 100
43 19.2 15.9 23.9
57 22.4 17.6 26.4





#19

1,1-Dichloroethane

Concen: 23.476 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

ClientSampleId :

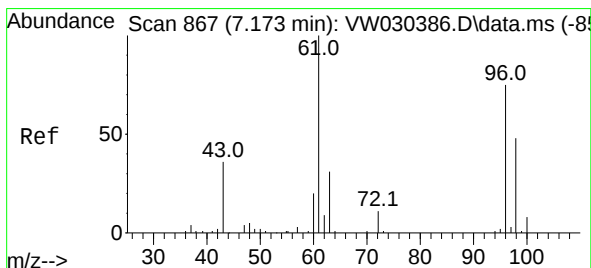
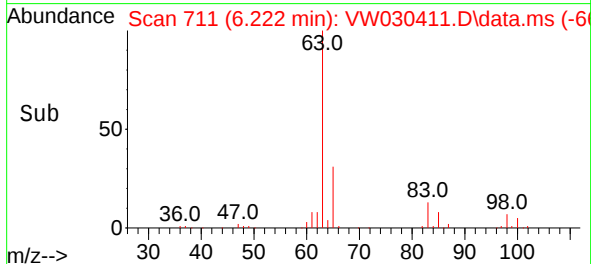
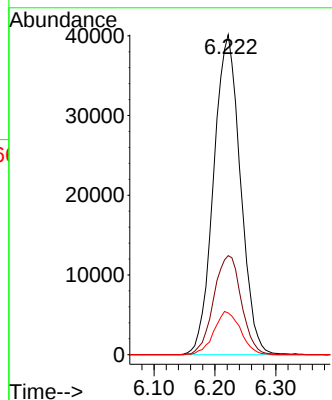
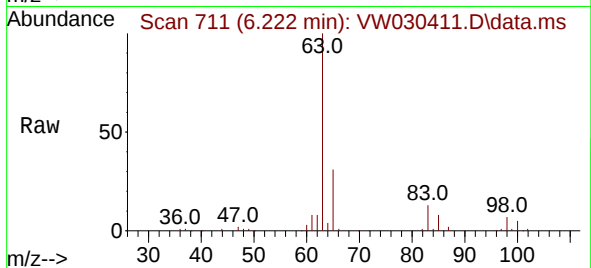
Tgt Ion: 63 Resp: 122633

Ion Ratio Lower Upper

63 100

65 31.0 20.7 38.5

83 13.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 23.129 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

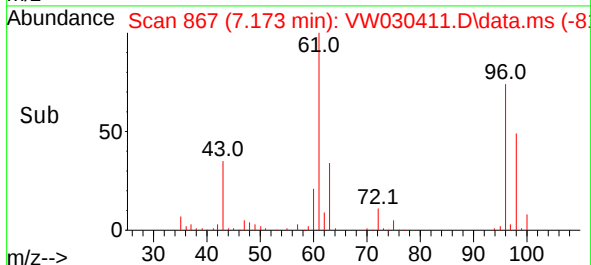
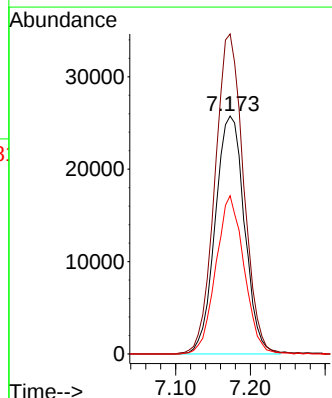
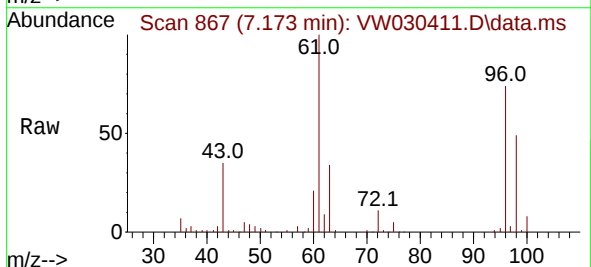
Tgt Ion: 96 Resp: 70096

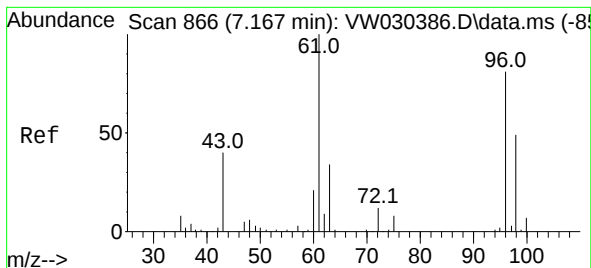
Ion Ratio Lower Upper

96 100

61 134.5 92.0 170.9

98 66.5 41.9 77.9





#22

2-Butanone

Concen: 40.186 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

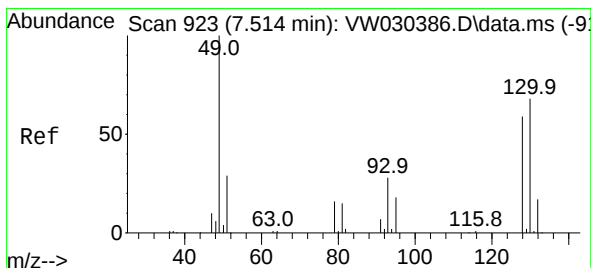
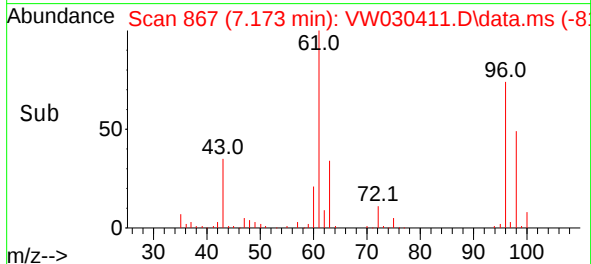
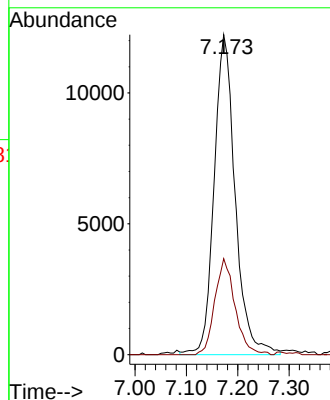
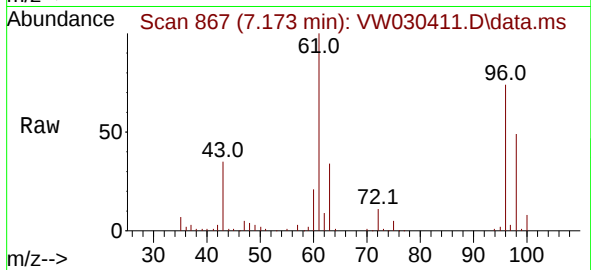
ClientSampleId :

Tgt Ion: 43 Resp: 34830

Ion Ratio Lower Upper

43 100

72 28.6 14.1 42.3



#23

Bromochloromethane

Concen: 22.931 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Tgt Ion: 128 Resp: 30339

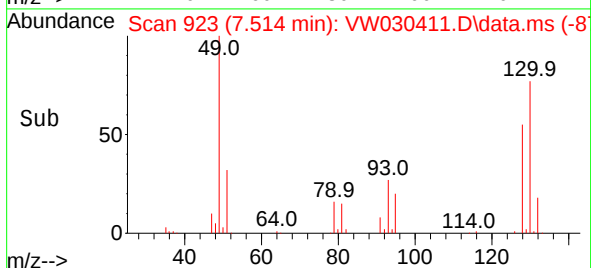
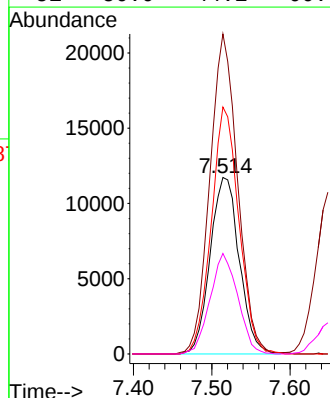
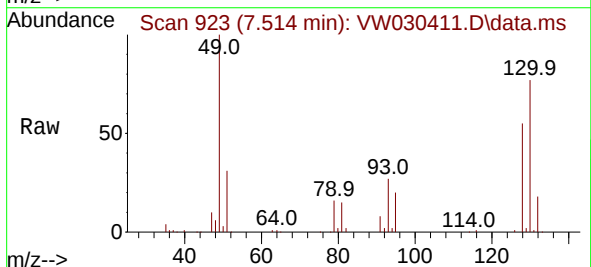
Ion Ratio Lower Upper

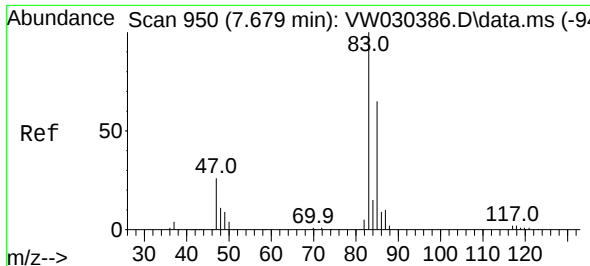
128 100

49 181.3 123.1 228.5

130 139.9 89.2 165.6

51 56.9 44.2 66.4





#25

Chloroform

Concen: 23.589 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

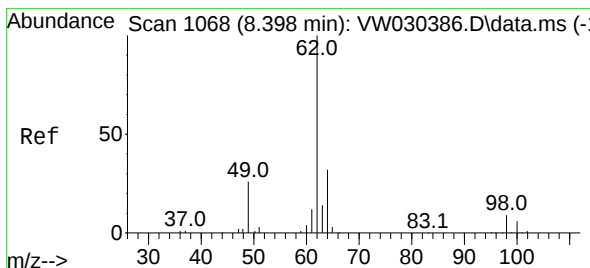
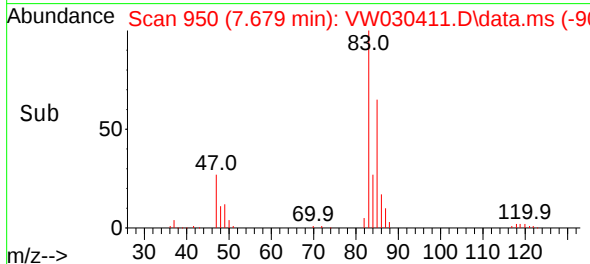
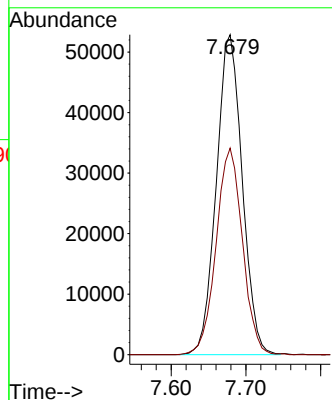
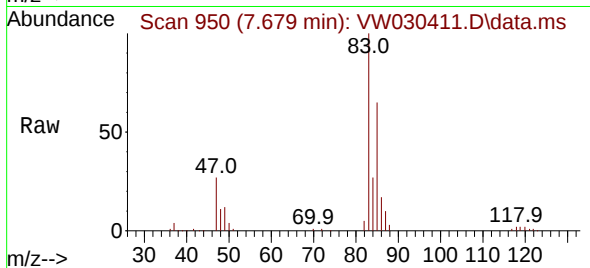
ClientSampleId :

Tgt Ion: 83 Resp: 127791

Ion Ratio Lower Upper

83 100

85 64.6 45.8 85.0



#27

1,2-Dichloroethane

Concen: 22.680 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030411.D

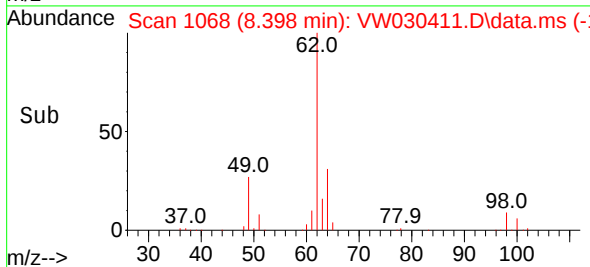
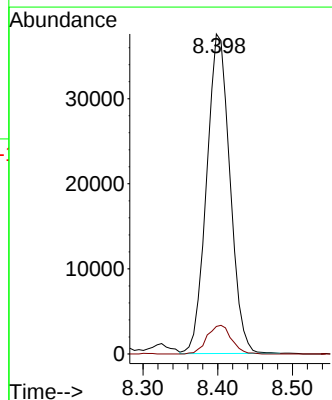
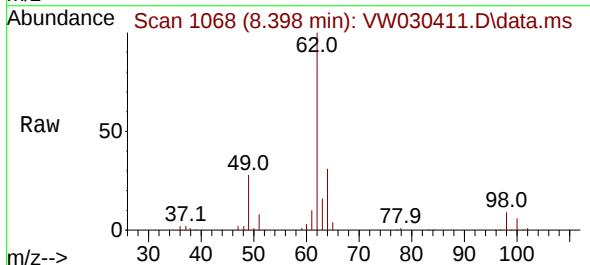
Acq: 04 Oct 2024 22:23

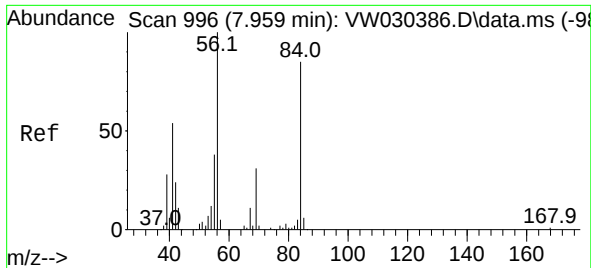
Tgt Ion: 62 Resp: 81485

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6

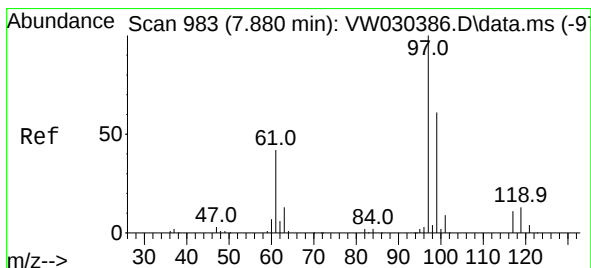
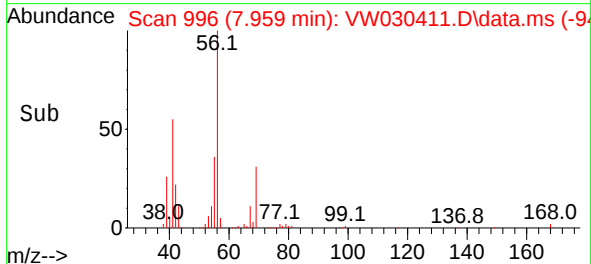
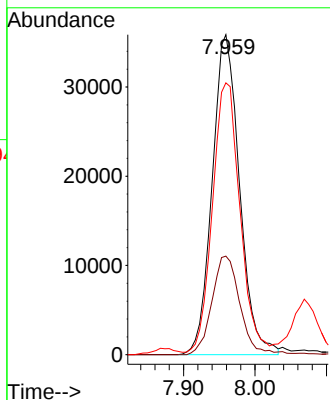
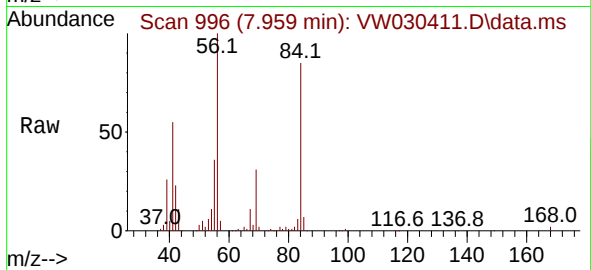




#29
Cyclohexane
Concen: 22.354 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

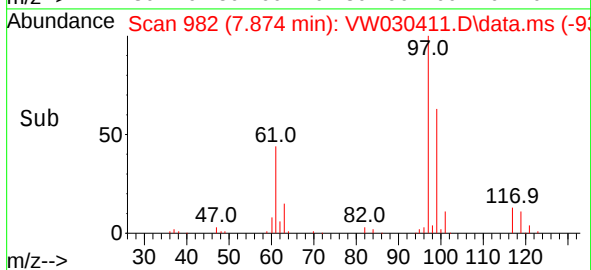
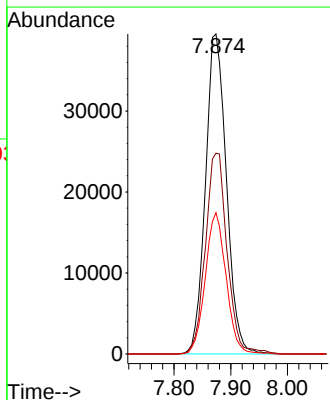
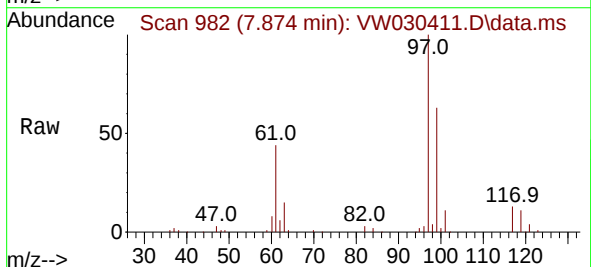
Instrument :
MSVOA_W
ClientSampleId :

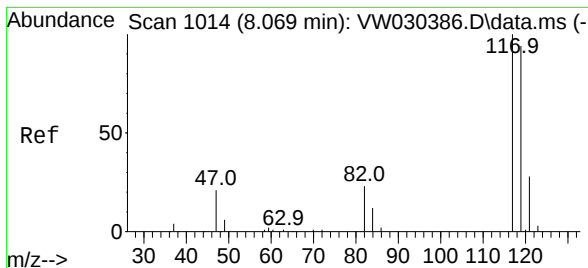
Tgt Ion: 56 Resp: 95367
Ion Ratio Lower Upper
56 100
69 31.1 24.5 36.7
84 85.3 67.5 101.3



#30
1,1,1-Trichloroethane
Concen: 22.638 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.006 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion: 97 Resp: 101491
Ion Ratio Lower Upper
97 100
99 65.1 50.9 76.3
61 43.9 34.1 51.1





#31

Carbon tetrachloride

Concen: 22.409 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

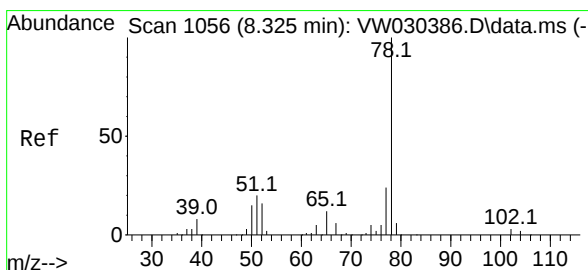
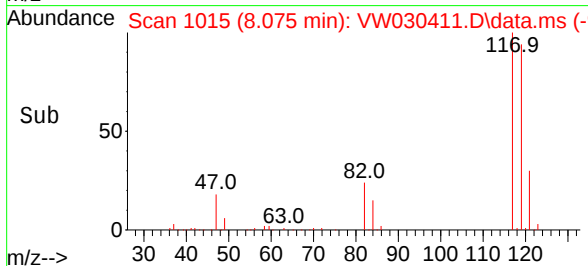
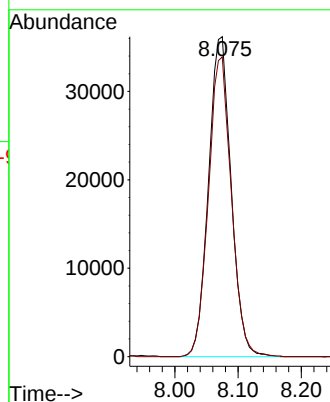
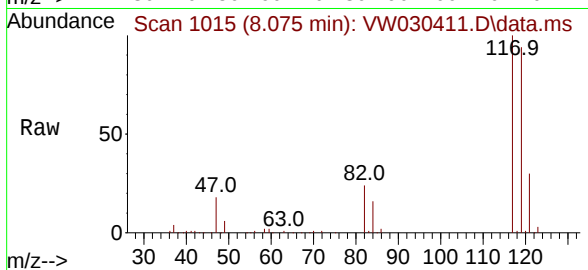
ClientSampleId :

Tgt Ion:117 Resp: 89789

Ion Ratio Lower Upper

117 100

119 95.1 75.5 113.3



#33

Benzene

Concen: 23.563 ug/L

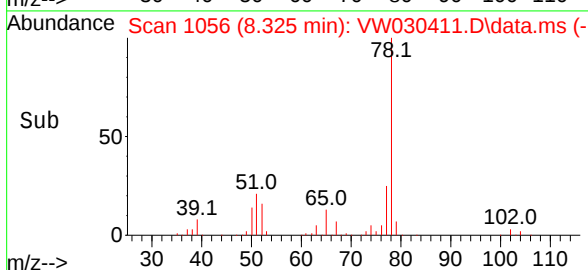
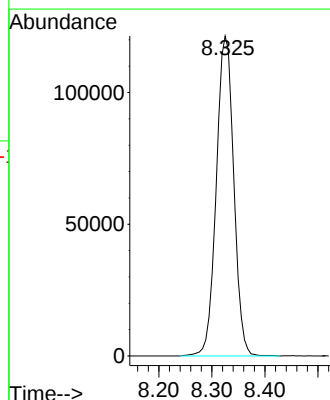
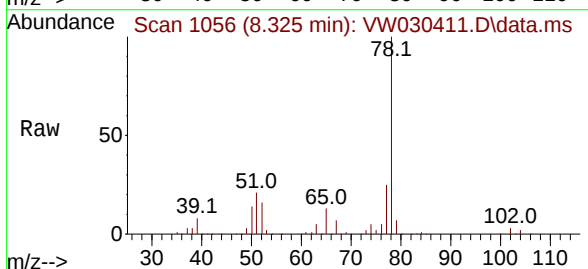
RT: 8.325 min Scan# 1056

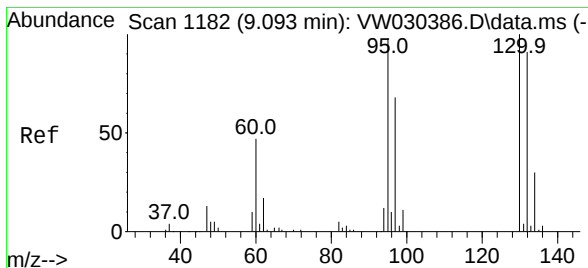
Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Tgt Ion: 78 Resp: 277751





#34

Trichloroethene

Concen: 22.970 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 72022

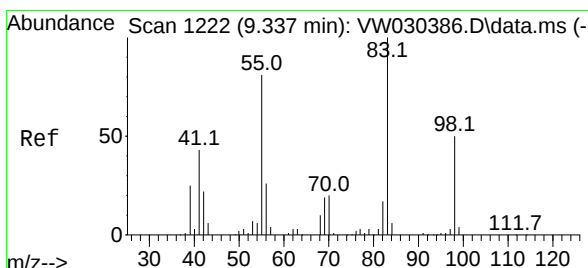
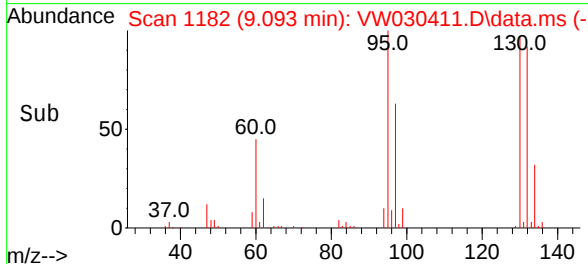
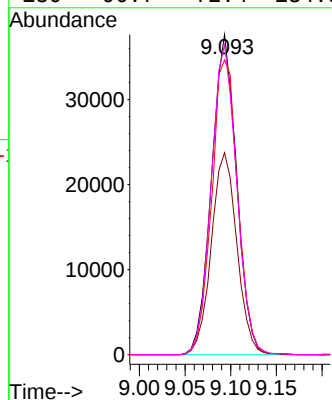
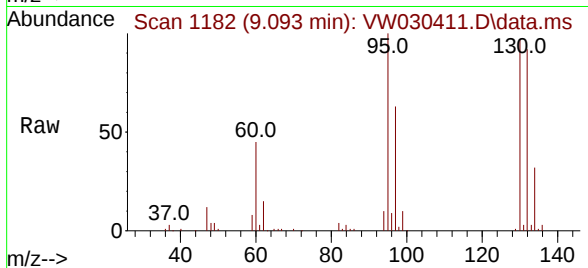
Ion Ratio Lower Upper

95 100

97 63.1 47.5 88.1

132 92.1 66.7 123.9

130 96.7 72.4 134.5



#35

Methylcyclohexane

Concen: 23.768 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

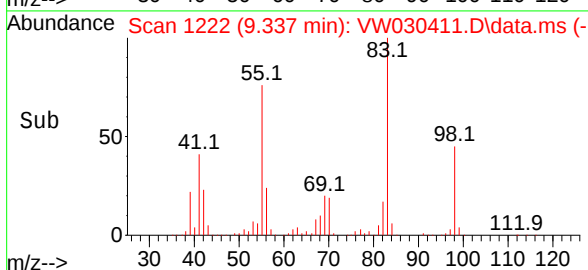
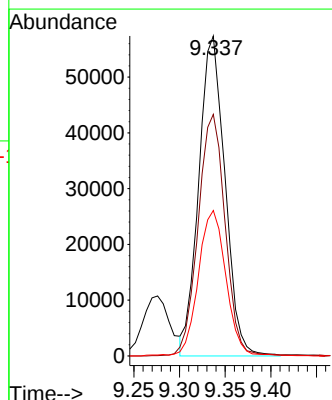
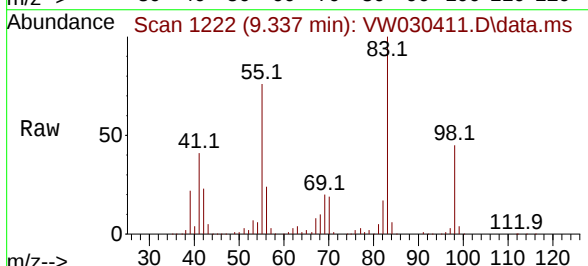
Tgt Ion: 83 Resp: 114366

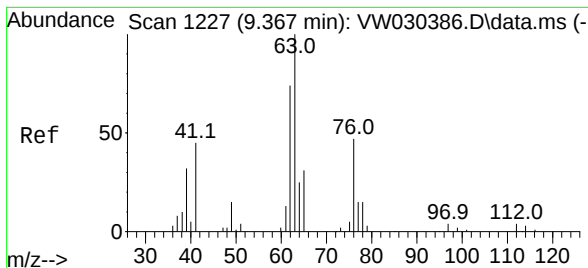
Ion Ratio Lower Upper

83 100

55 77.9 61.7 92.5

98 47.8 37.2 55.8





#37

1,2-Dichloropropane

Concen: 23.812 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

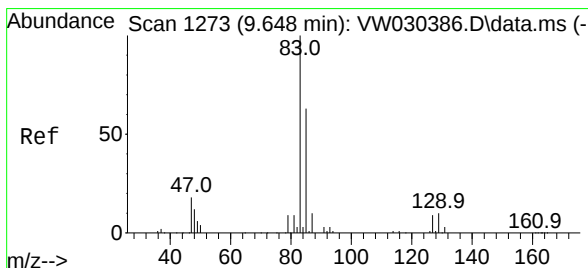
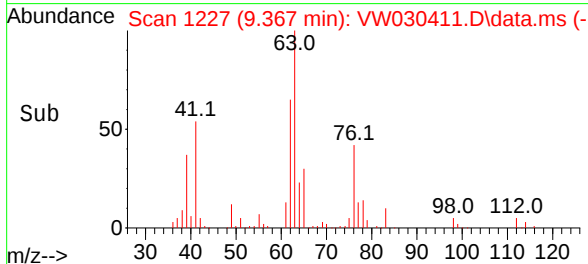
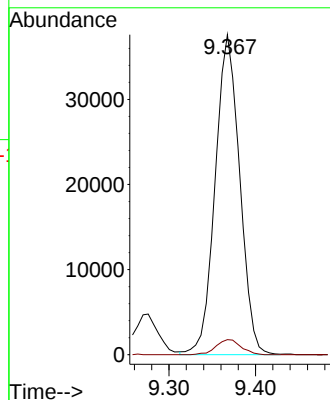
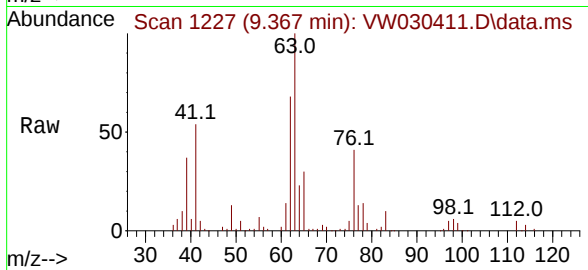
ClientSampleId :

Tgt Ion: 63 Resp: 74058

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.2



#38

Bromodichloromethane

Concen: 22.884 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

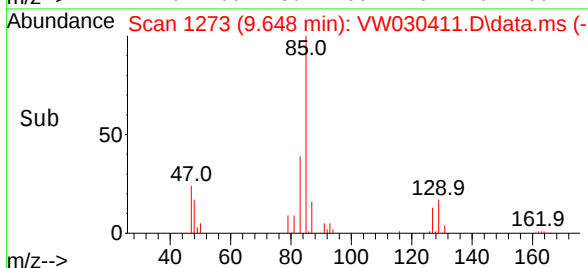
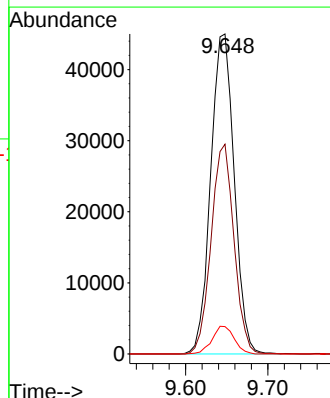
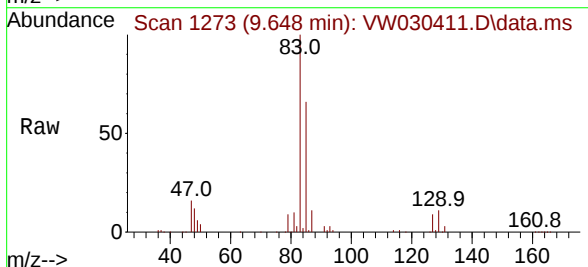
Tgt Ion: 83 Resp: 89357

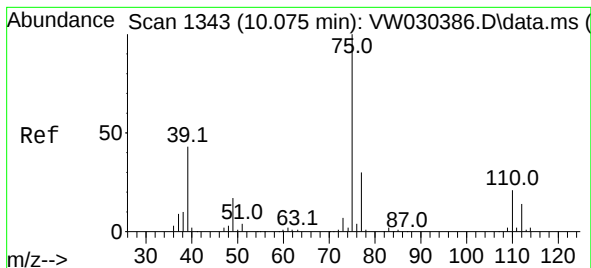
Ion Ratio Lower Upper

83 100

85 65.6 43.5 80.7

127 8.6 6.1 9.1

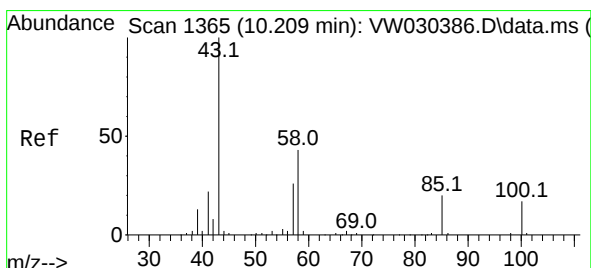
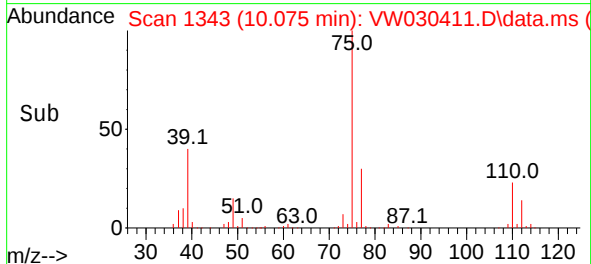
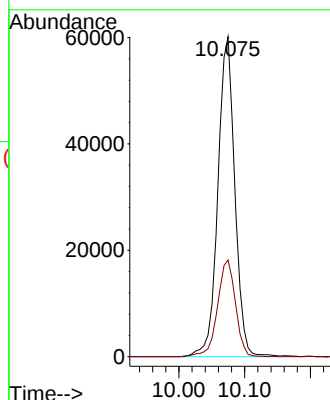
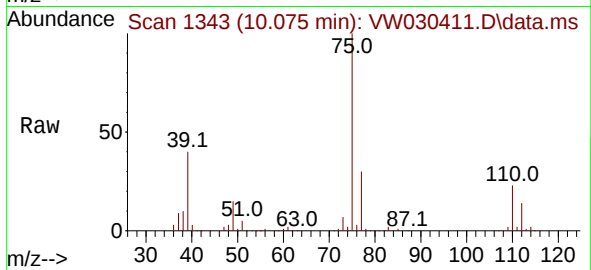




#39
 cis-1,3-Dichloropropene
 Concen: 22.613 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW030411.D
 Acq: 04 Oct 2024 22:23

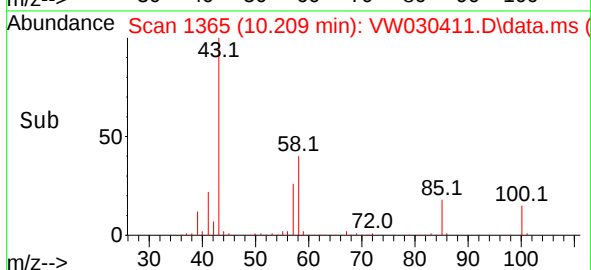
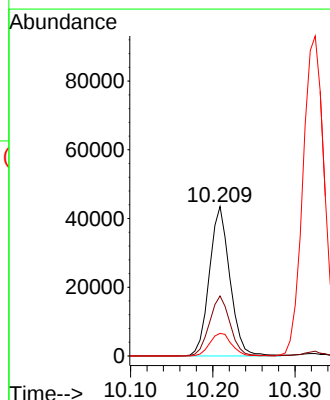
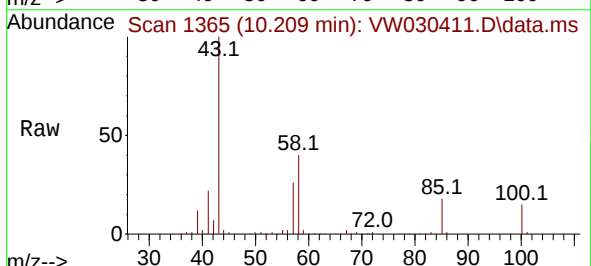
Instrument :
 MSVOA_W
 ClientSampleId :

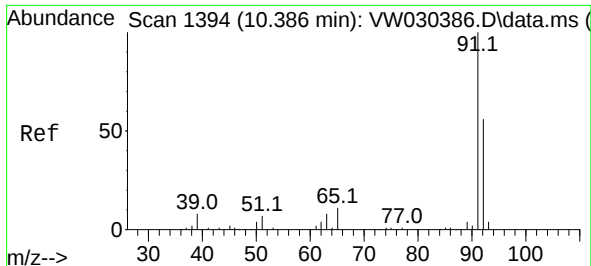
Tgt Ion: 75 Resp: 107841
 Ion Ratio Lower Upper
 75 100
 77 30.2 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 47.219 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW030411.D
 Acq: 04 Oct 2024 22:23

Tgt Ion: 43 Resp: 75537
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.6 48.8
 100 16.0 12.5 18.7





#42

Toluene

Concen: 23.728 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

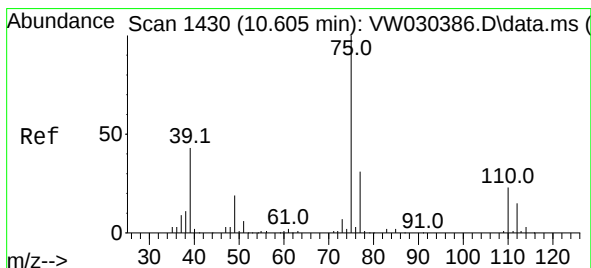
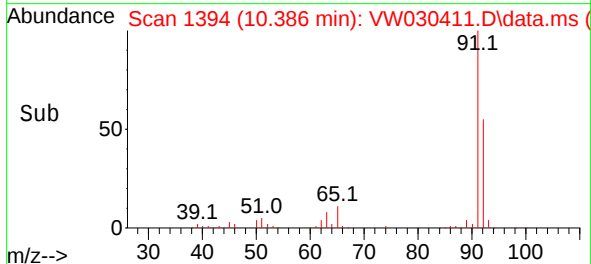
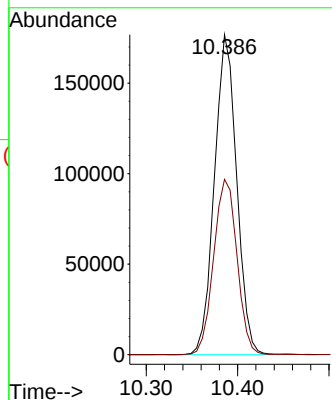
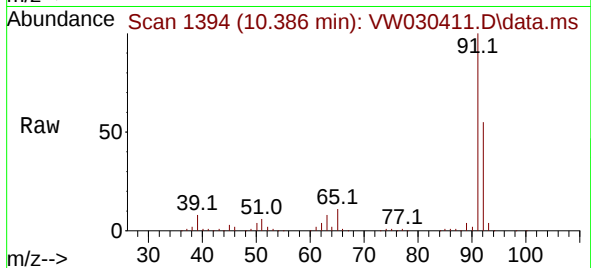
ClientSampleId :

Tgt Ion: 91 Resp: 299432

Ion Ratio Lower Upper

91 100

92 54.8 42.3 78.5



#44

trans-1,3-Dichloropropene

Concen: 22.086 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030411.D

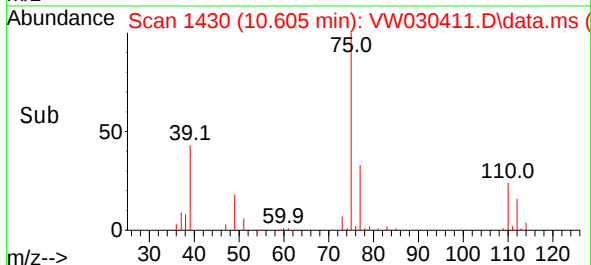
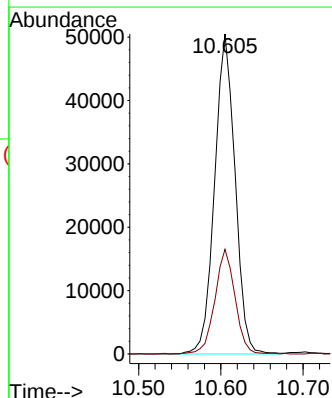
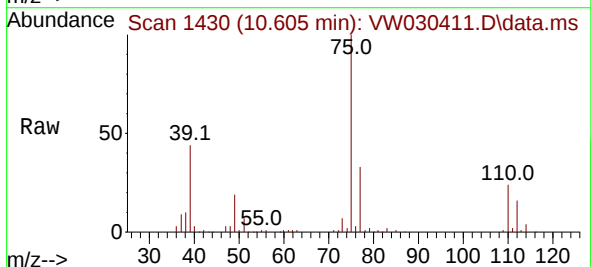
Acq: 04 Oct 2024 22:23

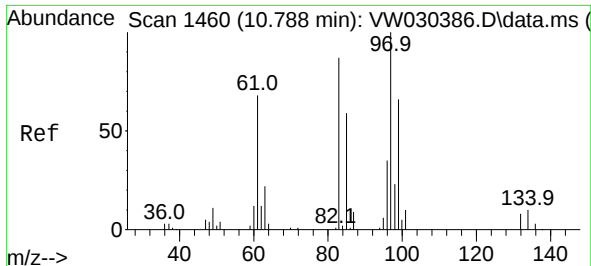
Tgt Ion: 75 Resp: 87274

Ion Ratio Lower Upper

75 100

77 32.7 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 24.211 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

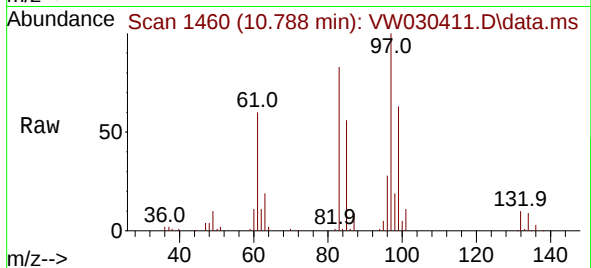
Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 53065

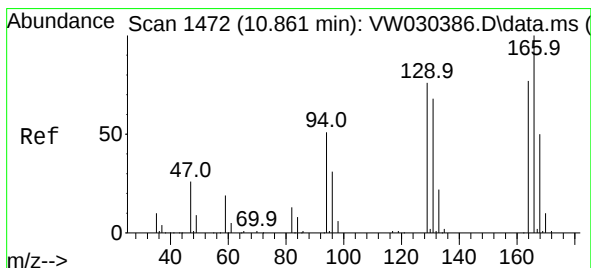
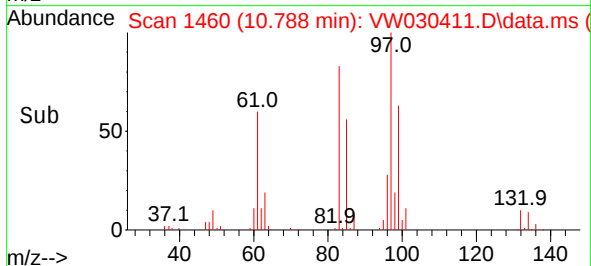
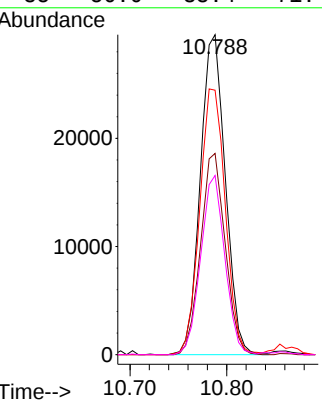
Ion Ratio Lower Upper

97 100

99 62.9 40.8 75.8

83 82.6 59.1 109.7

85 56.0 38.4 71.4



#46

Tetrachloroethene

Concen: 23.416 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Tgt Ion:164 Resp: 54917

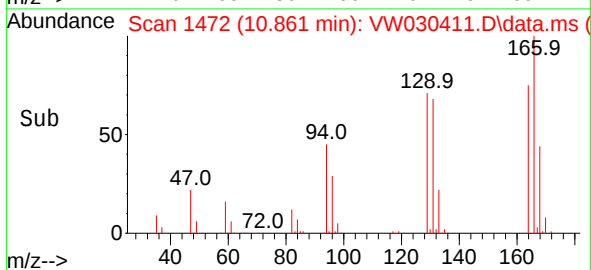
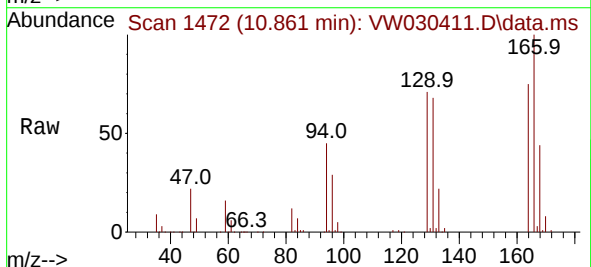
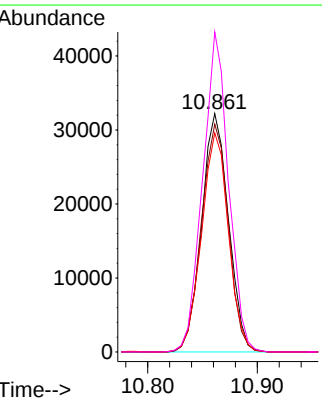
Ion Ratio Lower Upper

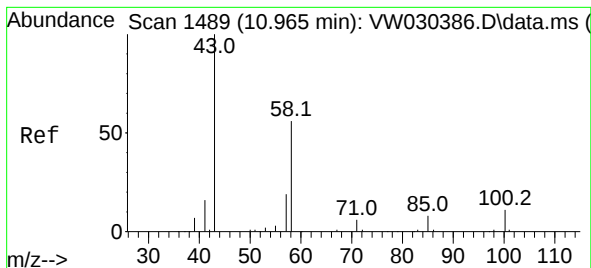
164 100

129 95.6 67.2 124.8

131 91.9 65.9 122.3

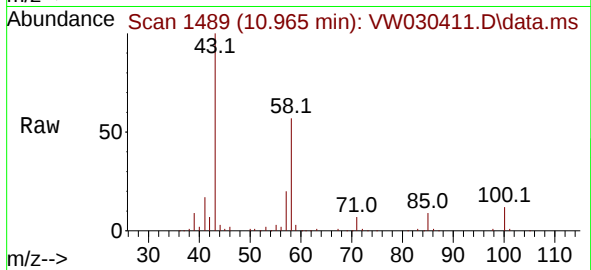
166 134.2 92.1 171.1



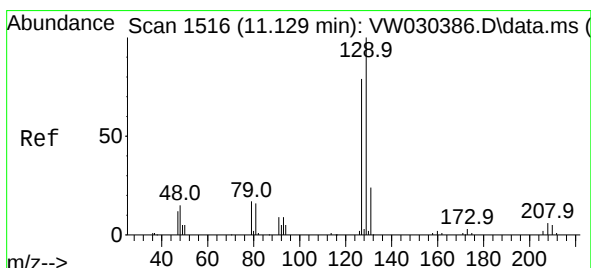
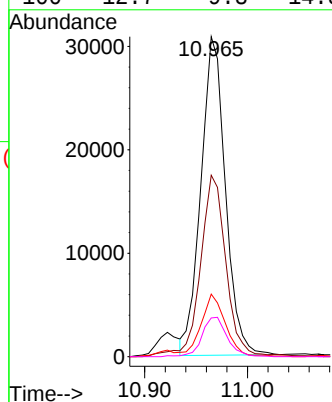
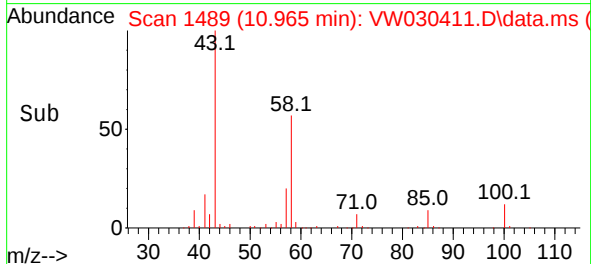


#48
2-Hexanone
Concen: 43.351 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Instrument :
MSVOA_W
ClientSampleId :

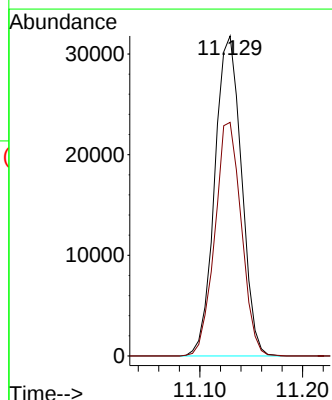
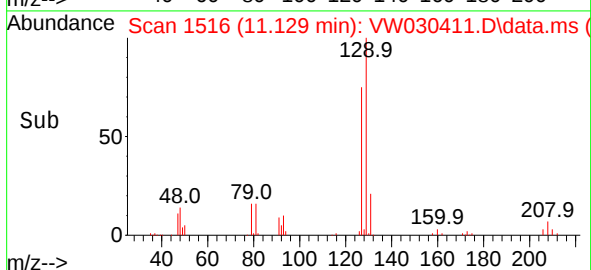
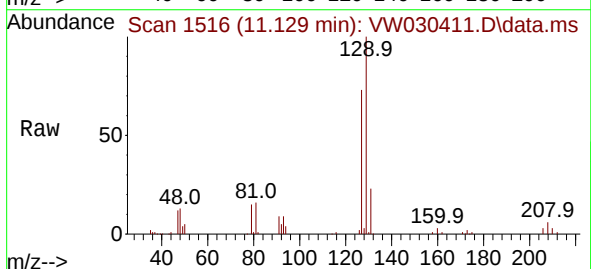


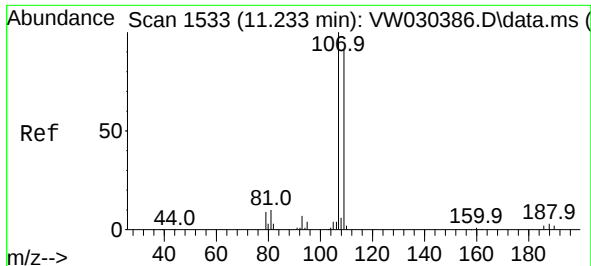
Tgt Ion: 43 Resp: 51065
Ion Ratio Lower Upper
43 100
58 56.1 46.1 69.1
57 19.3 15.3 22.9
100 12.7 9.8 14.8



#49
Dibromochloromethane
Concen: 23.285 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion:129 Resp: 57432
Ion Ratio Lower Upper
129 100
127 73.0 57.2 106.2





#50

1,2-Dibromoethane

Concen: 23.551 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

ClientSampleId :

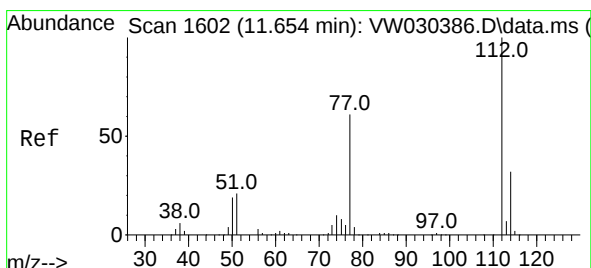
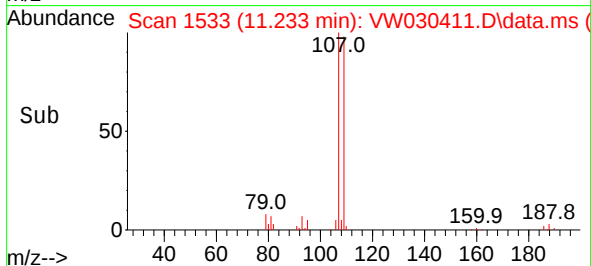
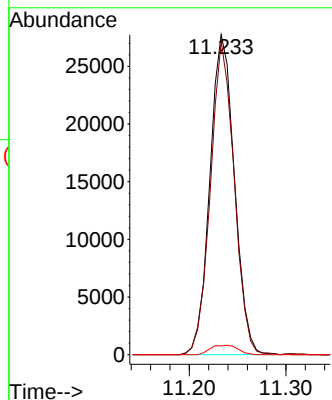
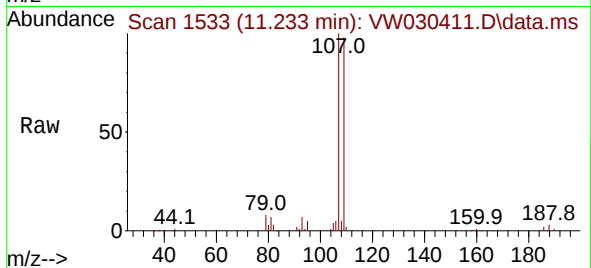
Tgt Ion:107 Resp: 48841

Ion Ratio Lower Upper

107 100

109 98.0 67.8 125.8

188 2.8 2.9 4.3#



#51

Chlorobenzene

Concen: 23.389 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

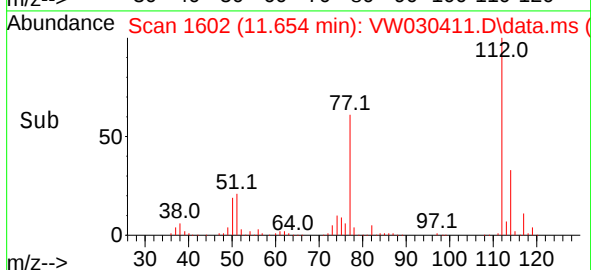
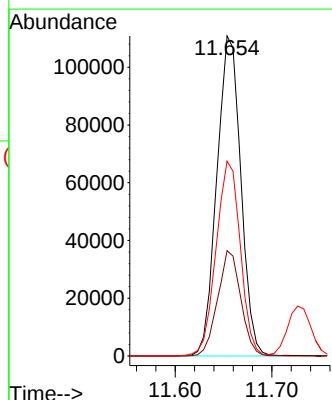
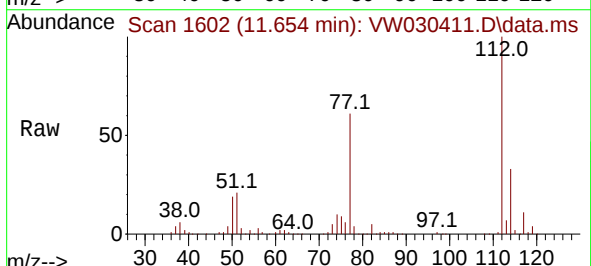
Tgt Ion:112 Resp: 190740

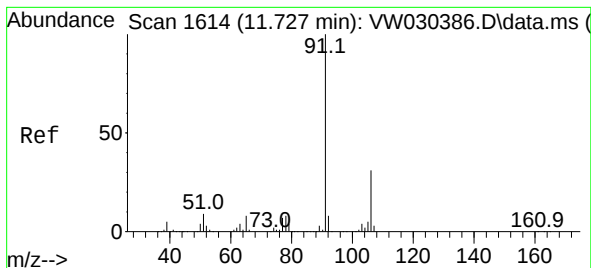
Ion Ratio Lower Upper

112 100

114 32.9 21.5 39.9

77 60.9 46.7 70.1





#52

Ethylbenzene

Concen: 23.520 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

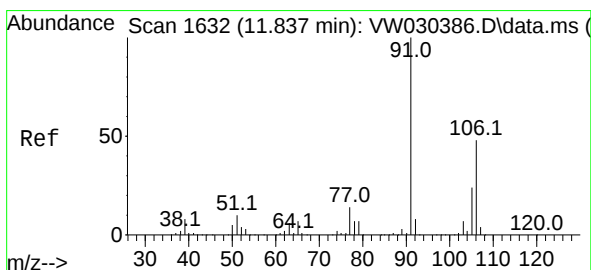
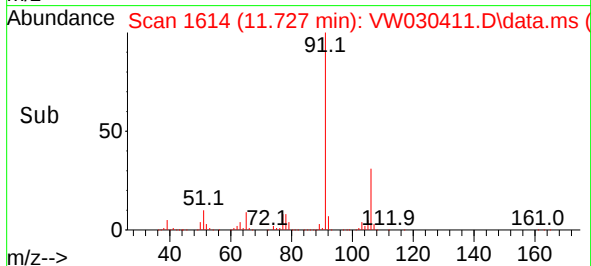
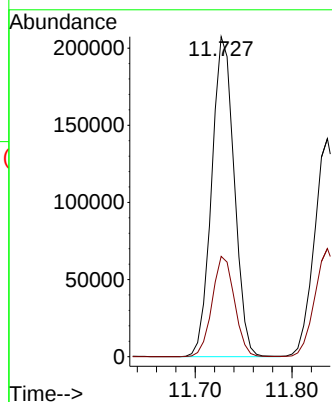
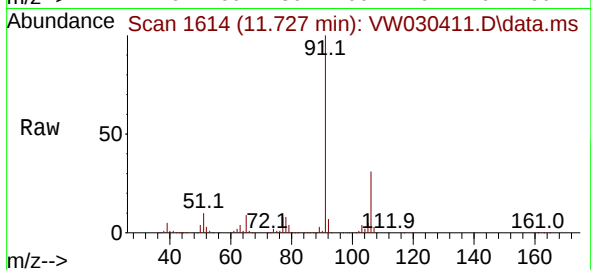
ClientSampleId :

Tgt Ion: 91 Resp: 336241

Ion Ratio Lower Upper

91 100

106 31.4 21.8 40.6



#53

m,p-Xylene

Concen: 24.087 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030411.D

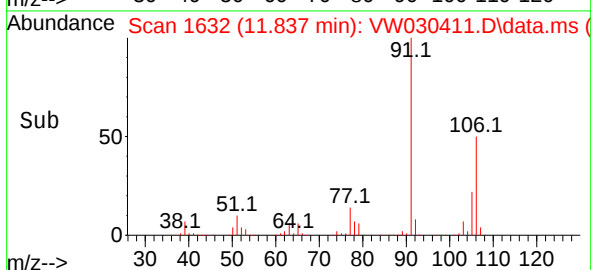
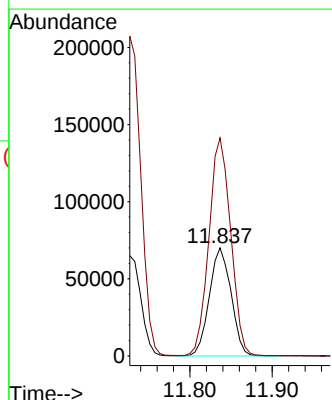
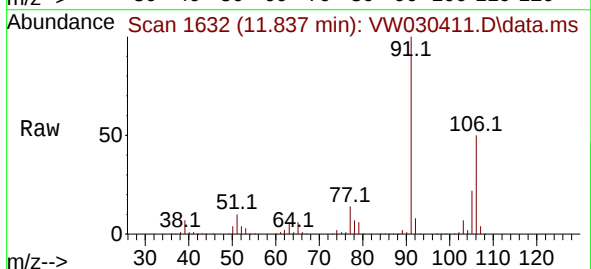
Acq: 04 Oct 2024 22:23

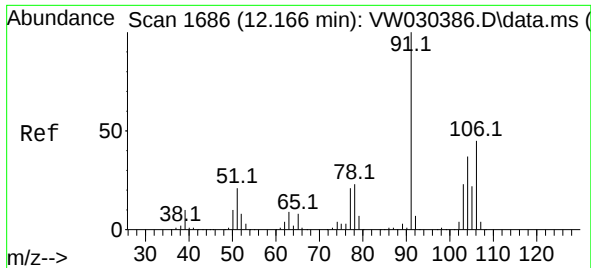
Tgt Ion:106 Resp: 128546

Ion Ratio Lower Upper

106 100

91 201.5 144.4 268.2

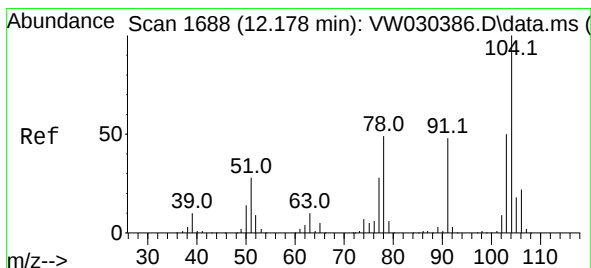
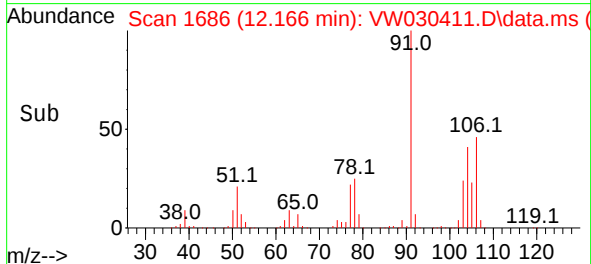
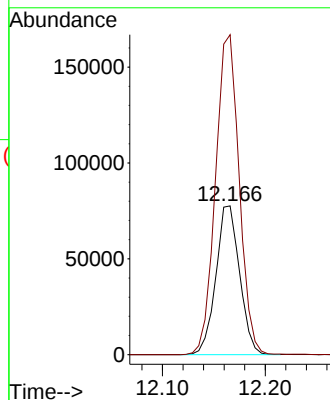
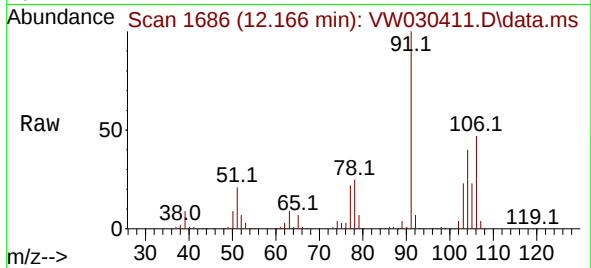




#54
o-Xylene
Concen: 24.459 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

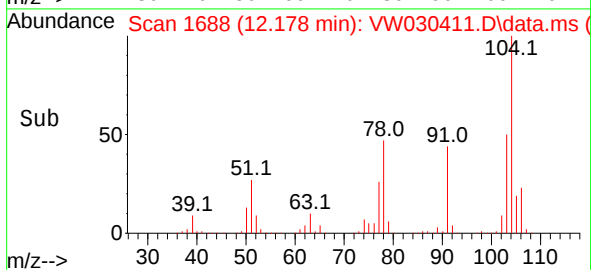
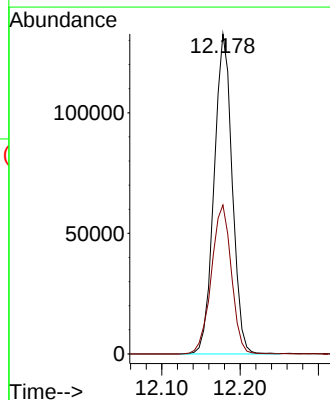
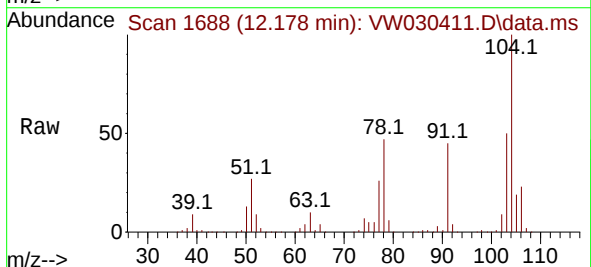
Instrument :
MSVOA_W
ClientSampleId :

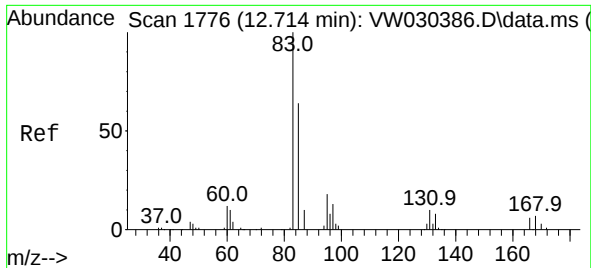
Tgt Ion:106 Resp: 124239
Ion Ratio Lower Upper
106 100
91 215.0 153.6 285.2



#55
Styrene
Concen: 24.618 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion:104 Resp: 213321
Ion Ratio Lower Upper
104 100
78 46.5 34.6 64.3

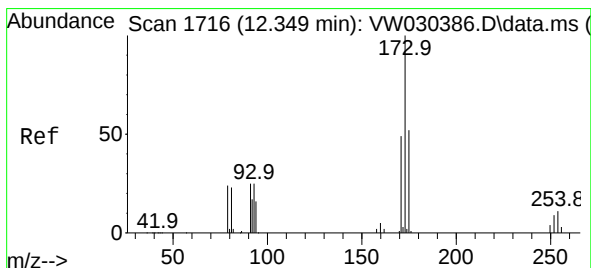
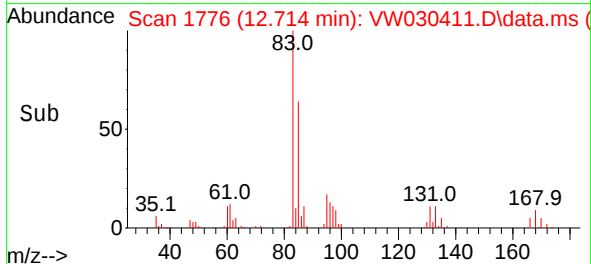
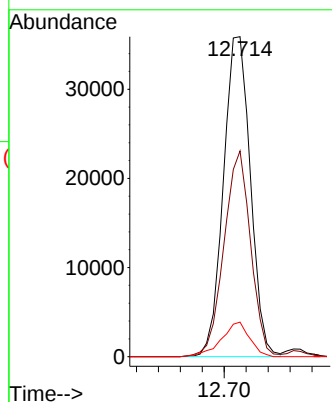
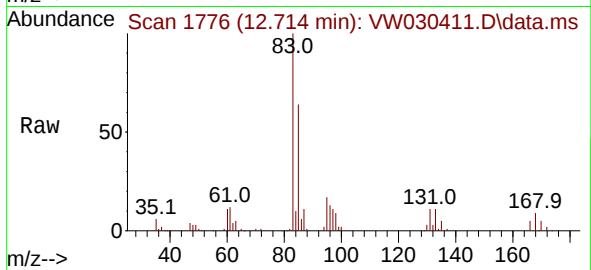




#57
1,1,2-Tetrachloroethane
Concen: 23.883 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

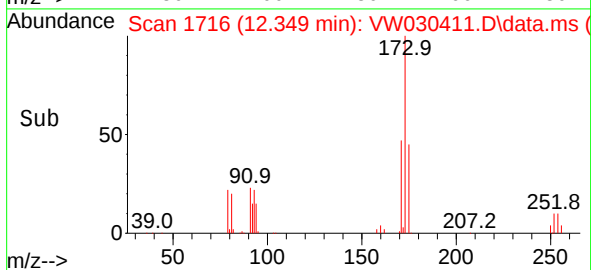
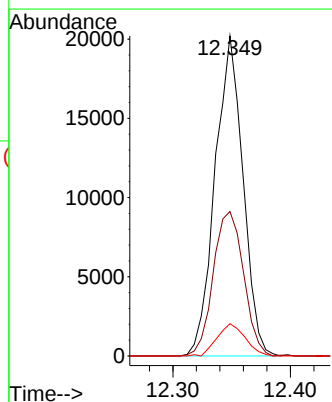
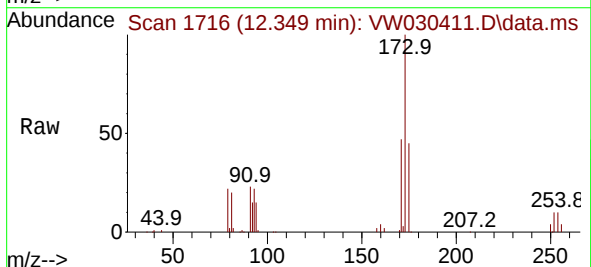
Instrument :
MSVOA_W
ClientSampleId :

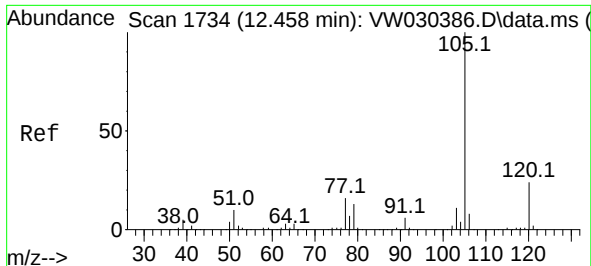
Tgt Ion: 83 Resp: 61305
Ion Ratio Lower Upper
83 100
85 64.3 43.9 81.5
131 10.8 7.1 10.7#



#59
Bromoform
Concen: 22.658 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion:173 Resp: 33313
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 10.0 7.4 11.2

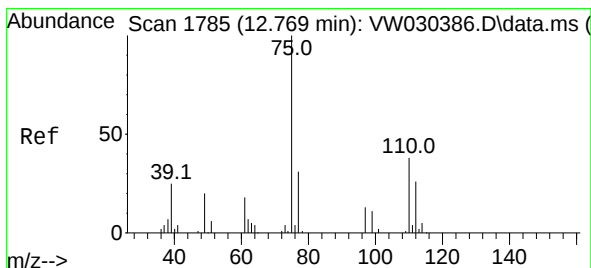
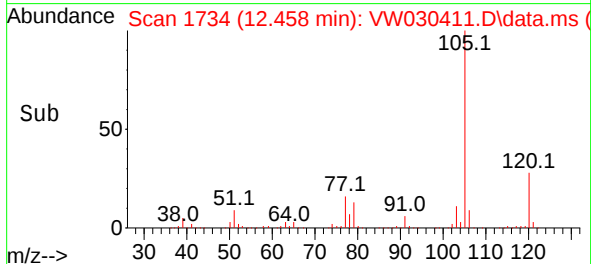
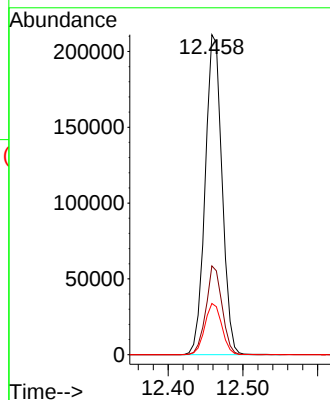
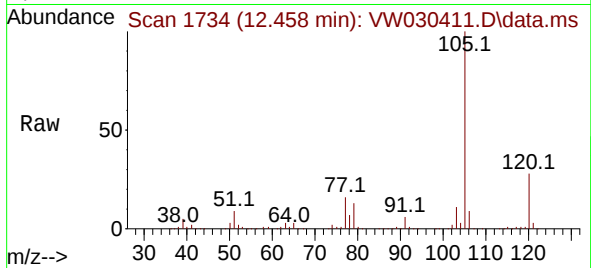




#60
Isopropylbenzene
Concen: 22.902 ug/L
RT: 12.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

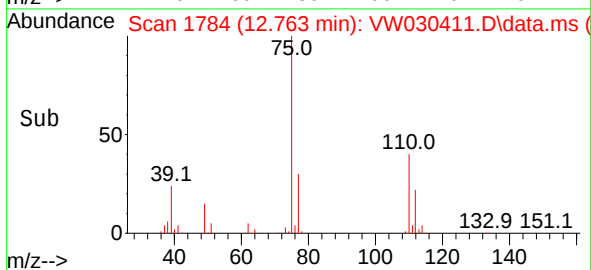
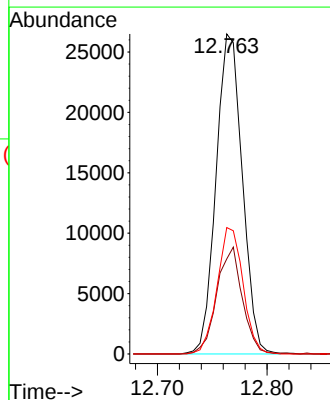
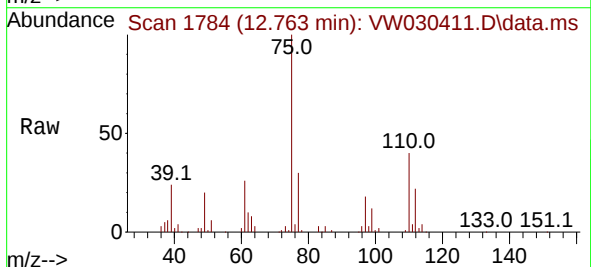
Instrument :
MSVOA_W
ClientSampleId :

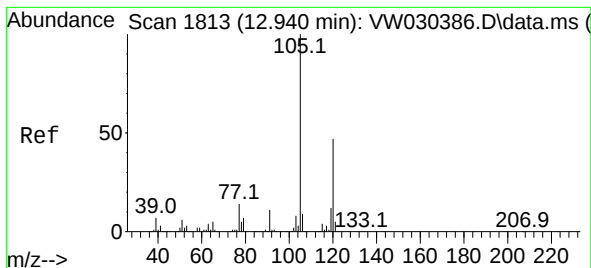
Tgt Ion:105 Resp: 329904
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 22.863 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion: 75 Resp: 44109
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
110 38.8 30.8 46.2

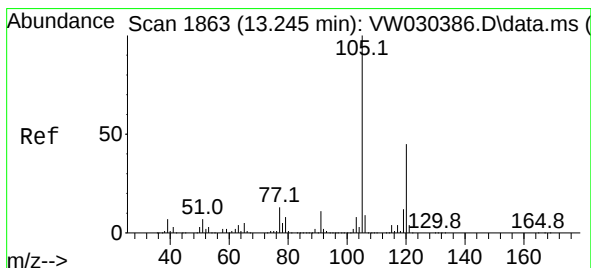
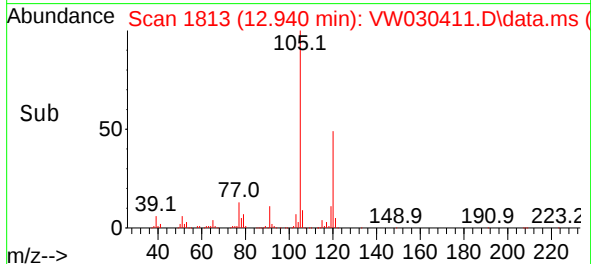
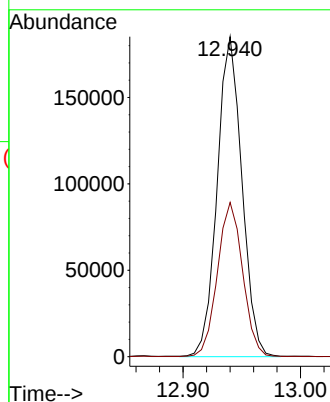
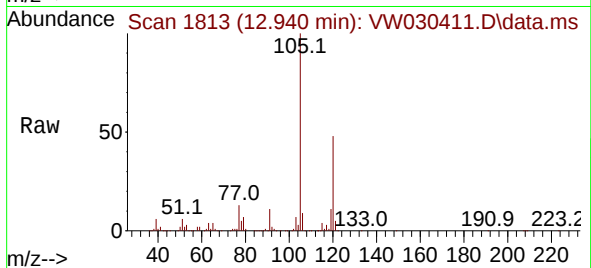




#62
1,3,5-Trimethylbenzene
Concen: 23.297 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

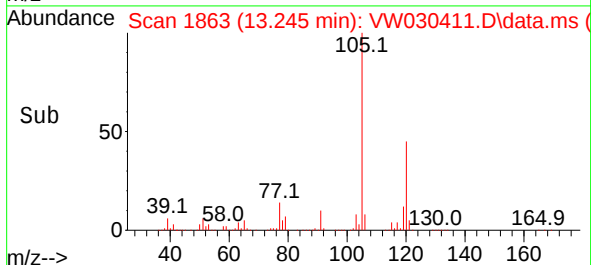
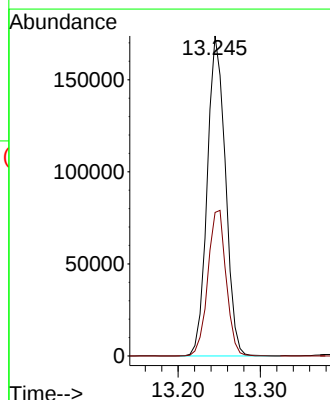
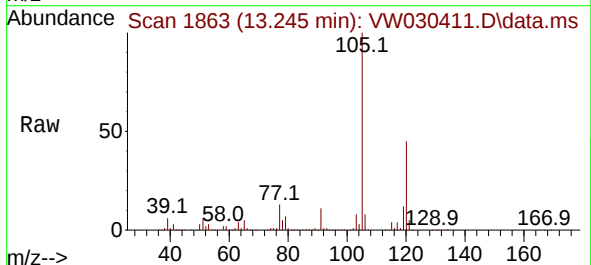
Instrument :
MSVOA_W
ClientSampleId :

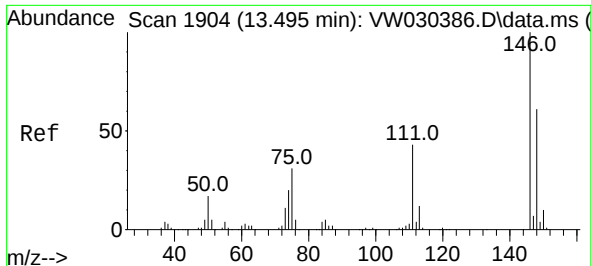
Tgt Ion:105 Resp: 271442
Ion Ratio Lower Upper
105 100
120 49.1 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 23.160 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

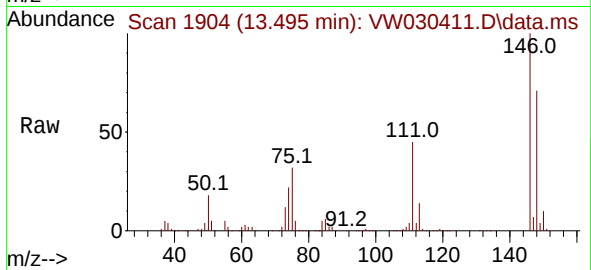
Tgt Ion:105 Resp: 266615
Ion Ratio Lower Upper
105 100
120 45.8 34.4 51.6



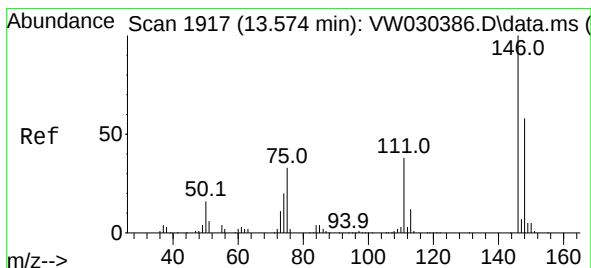
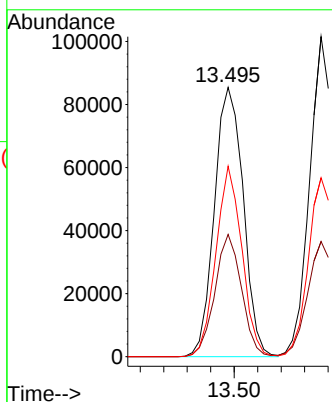
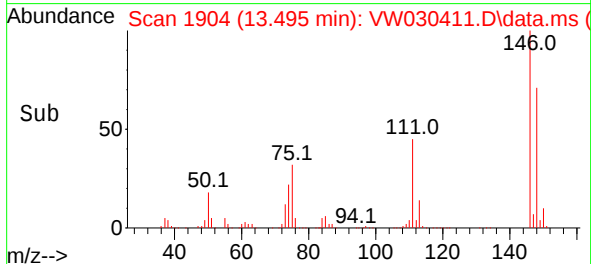


#64
1,3-Dichlorobenzene
Concen: 22.638 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Instrument :
MSVOA_W
ClientSampleId :

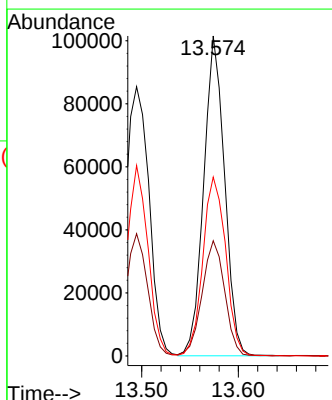
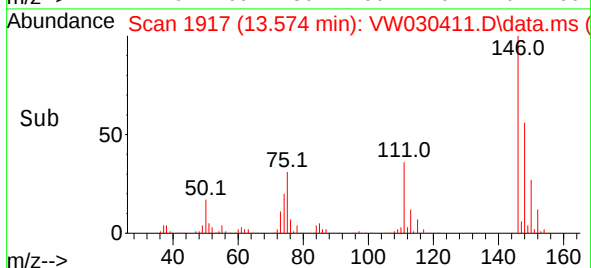
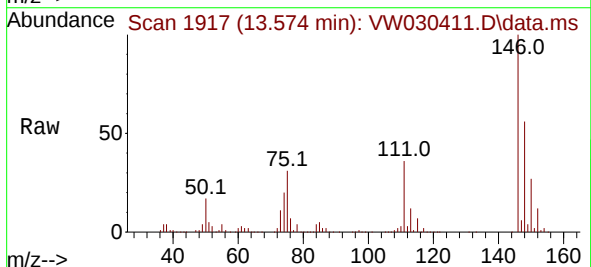


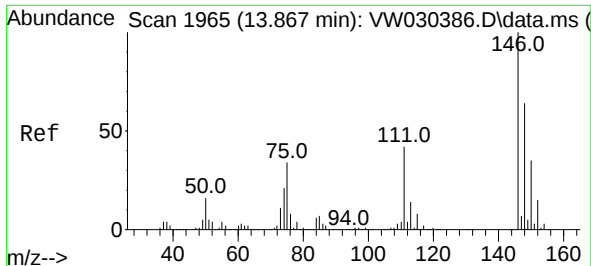
Tgt Ion:146 Resp: 145732
Ion Ratio Lower Upper
146 100
111 45.4 33.2 61.6
148 70.7 50.4 93.6



#65
1,4-Dichlorobenzene
Concen: 23.211 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion:146 Resp: 152640
Ion Ratio Lower Upper
146 100
111 36.0 29.1 54.1
148 55.9 42.1 78.1

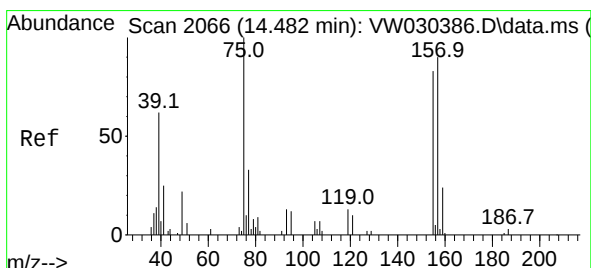
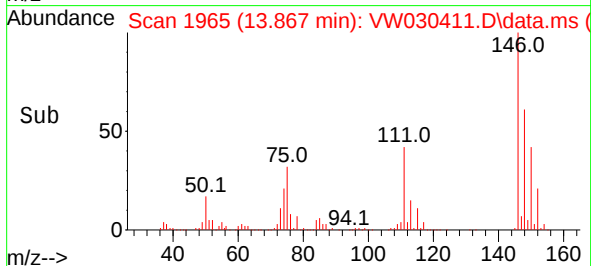
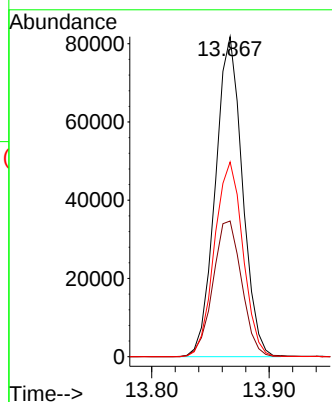
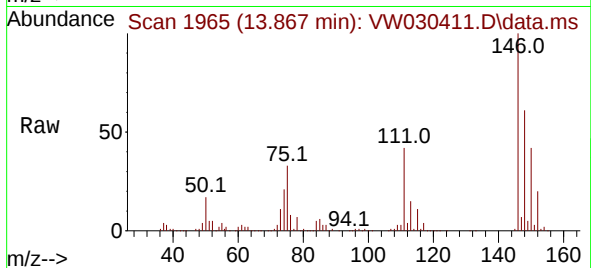




#67
1,2-Dichlorobenzene
Concen: 22.825 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

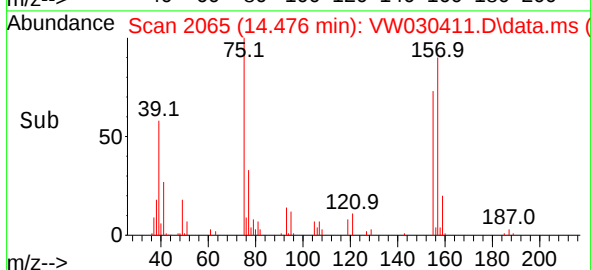
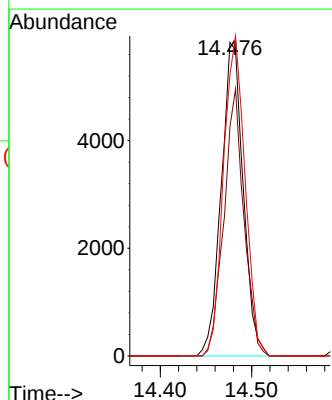
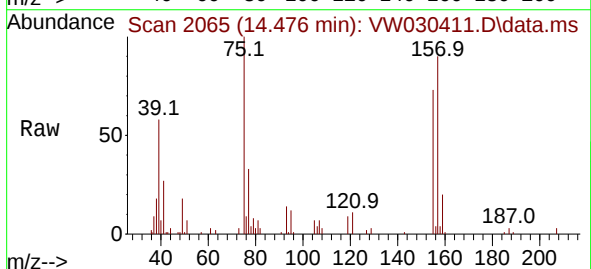
Instrument :
MSVOA_W
ClientSampleId :

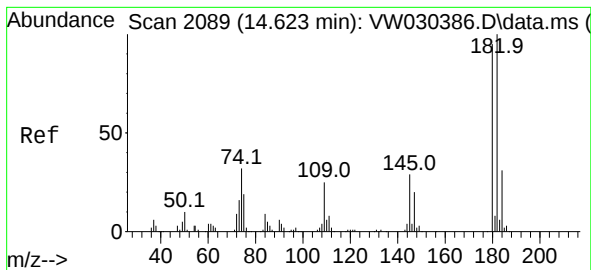
Tgt Ion:146 Resp: 130992
Ion Ratio Lower Upper
146 100
111 42.4 40.1 60.1
148 60.8 55.7 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 21.982 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion: 75 Resp: 9717
Ion Ratio Lower Upper
75 100
155 73.2 60.1 90.1
157 89.7 74.3 111.5





#69

1,3,5-Trichlorobenzene

Concen: 22.017 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

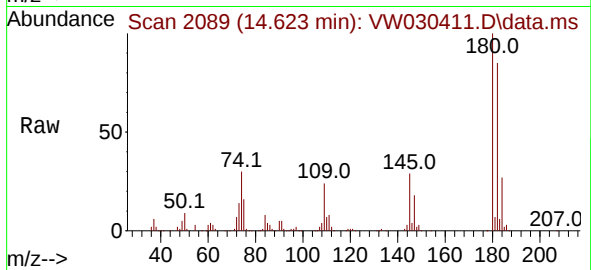
Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 97822

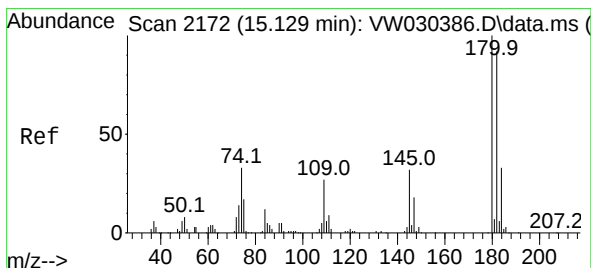
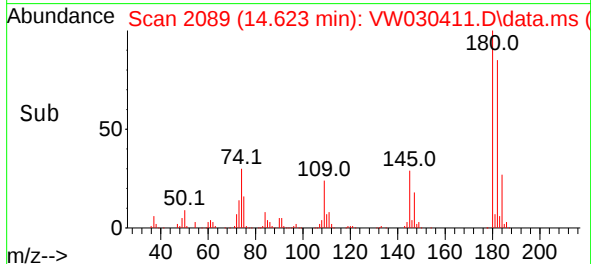
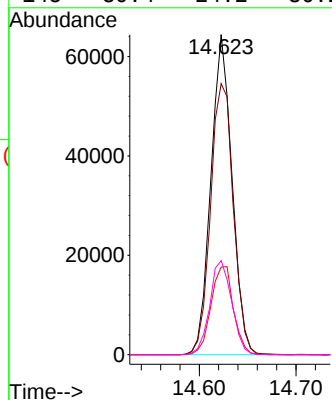
Ion Ratio Lower Upper

180 100

182 91.2 77.4 116.2

184 29.4 24.5 36.7

145 30.4 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 22.150 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030411.D

Acq: 04 Oct 2024 22:23

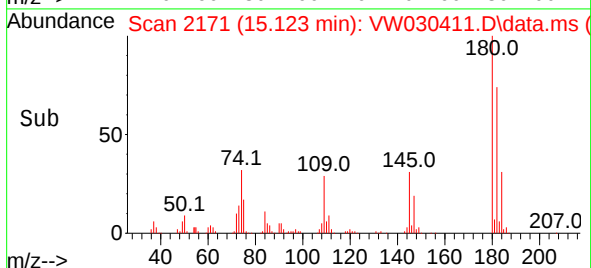
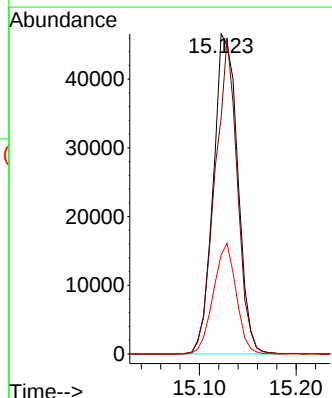
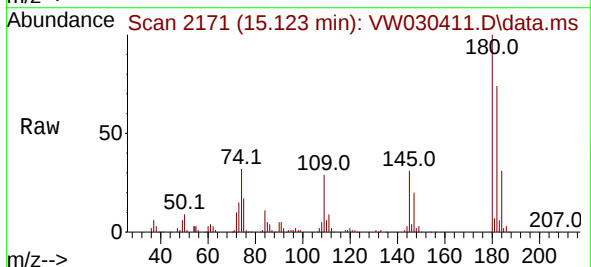
Tgt Ion:180 Resp: 81482

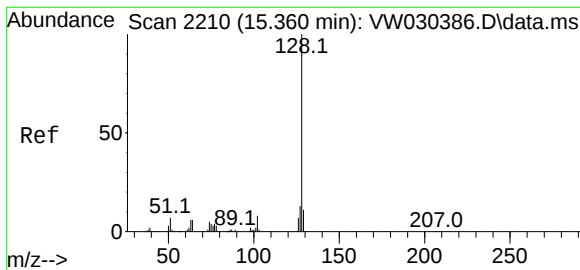
Ion Ratio Lower Upper

180 100

182 90.5 77.2 115.8

145 32.3 25.3 37.9

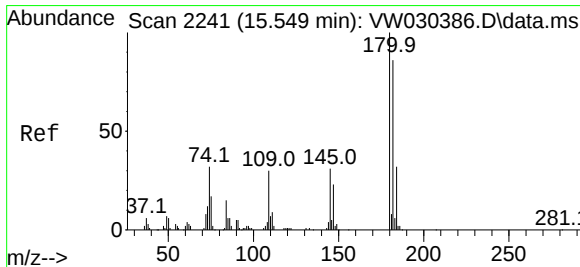
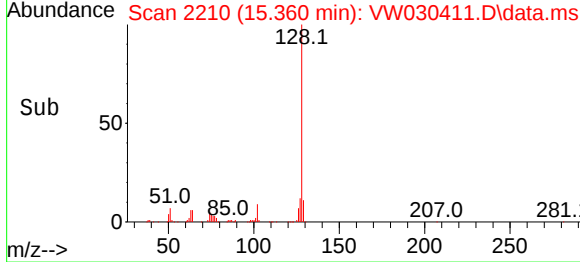
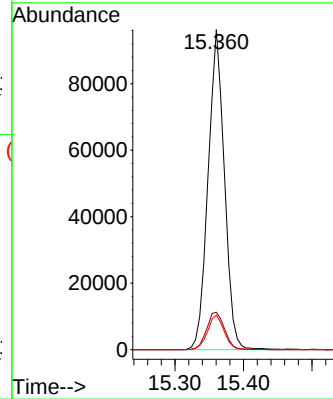
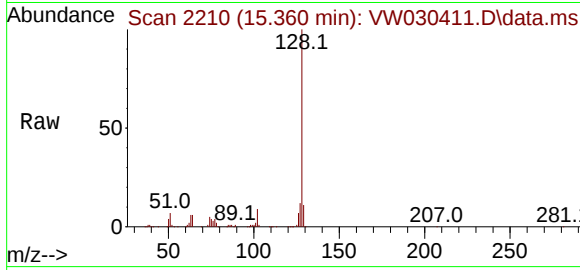




#71
Naphthalene
Concen: 23.721 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 159614
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 22.831 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030411.D
Acq: 04 Oct 2024 22:23

Tgt Ion:180 Resp: 73514
Ion Ratio Lower Upper
180 100
182 95.0 75.6 113.4
145 32.5 25.6 38.4

