

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100824\
 Data File : VW030438.D
 Acq On : 08 Oct 2024 10:54
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 01:09:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 08 01:21:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	144486	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	134904	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	70772	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	21411	18.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.840%
7) Chloroethane-d5	2.899	69	16172	19.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.760%
11) 1,1-Dichloroethene-d2	4.015	65	16250	19.717	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.880%
21) 2-Butanone-d5	7.081	46	17510	38.564	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.120%
24) Chloroform-d	7.648	84	90595	23.339	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.360%
26) 1,2-Dichloroethane-d4	8.307	65	45593	22.503	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	8.276	84	170765	22.585	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.360%
36) 1,2-Dichloropropane-d6	9.270	67	47831	21.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.120%
41) Toluene-d8	10.319	98	159954	23.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.280%
43) trans-1,3-Dichloroprop...	10.581	79	20505	21.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.720%
47) 2-Hexanone-d5	10.922	63	15910	42.368	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	40192	23.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	58546	24.916	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	33814	21.411	ug/L	98
3) Chloromethane	2.223	50	21524	17.397	ug/L	98
5) Vinyl chloride	2.381	62	27224	20.699	ug/L	99
6) Bromomethane	2.790	94	19652	22.450	ug/L	96
8) Chloroethane	2.936	64	15953	22.232	ug/L	98
9) Trichlorofluoromethane	3.271	101	42980	25.368	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	45963	27.230	ug/L	96
12) 1,1-Dichloroethene	4.045	96	40170	23.930	ug/L	89
13) Acetone	4.137	43	18669	38.761	ug/L	93
14) Carbon disulfide	4.393	76	118165	21.168	ug/L	96
15) Methyl Acetate	4.679	43	14693	18.703	ug/L	92
16) Methylene chloride	4.917	84	44614	20.062	ug/L	89
17) trans-1,2-Dichloroethene	5.423	96	47817	24.539	ug/L	88
18) Methyl tert-butyl Ether	5.429	73	68747	22.181	ug/L	98
19) 1,1-Dichloroethane	6.222	63	82888	22.336	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	51929	24.120	ug/L	91
22) 2-Butanone	7.167	43	22553	36.629	ug/L	91
23) Bromochloromethane	7.514	128	24375	25.934	ug/L #	79
25) Chloroform	7.679	83	92446	24.021	ug/L	99

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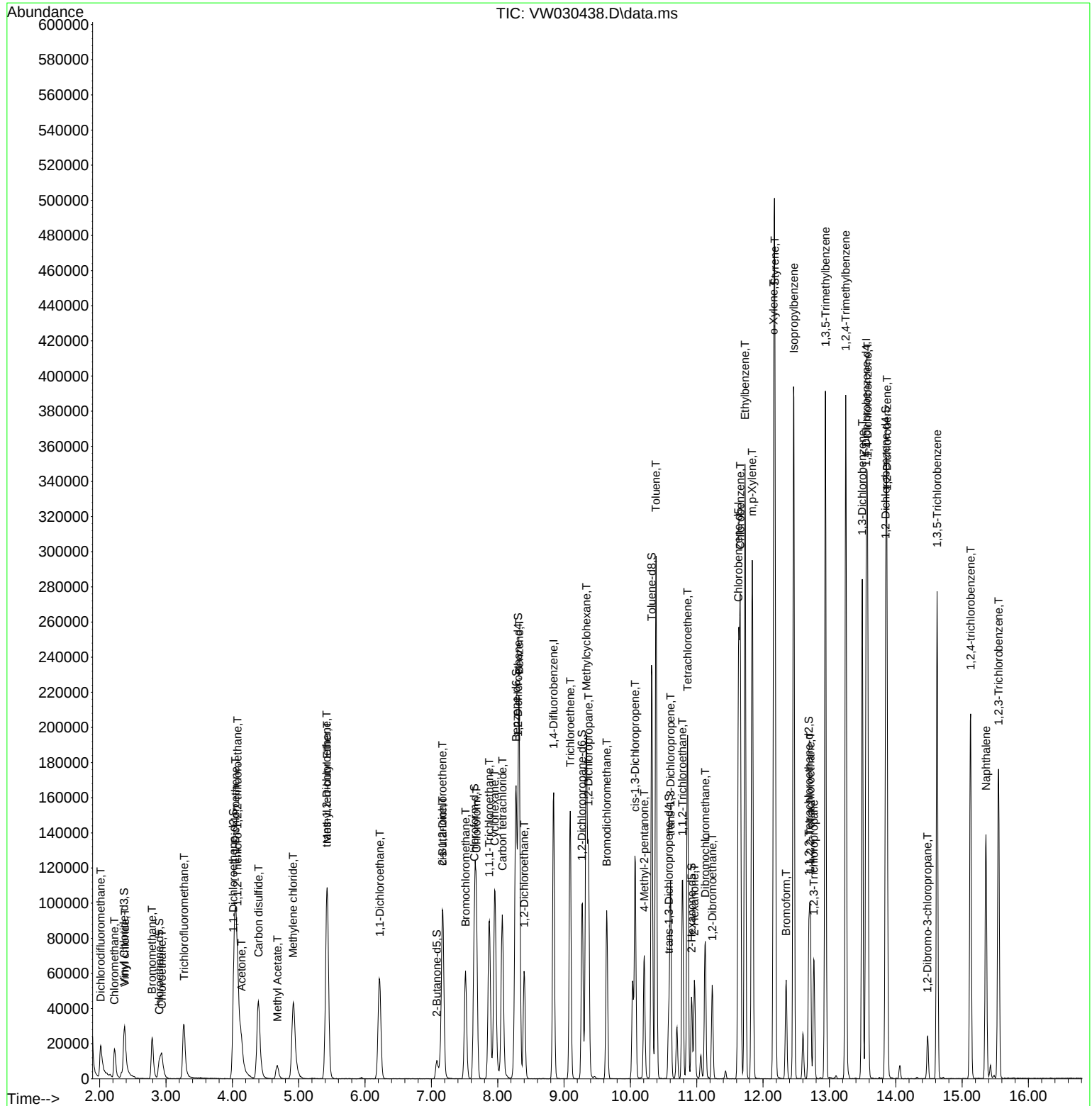
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	57457	22.511	ug/L	98
29) Cyclohexane	7.953	56	64692	21.754	ug/L	93
30) 1,1,1-Trichloroethane	7.874	97	79788	25.532	ug/L	97
31) Carbon tetrachloride	8.069	117	74678	26.738	ug/L	97
33) Benzene	8.325	78	197420	24.026	ug/L	100
34) Trichloroethene	9.093	95	54160	24.780	ug/L	96
35) Methylcyclohexane	9.337	83	85049	25.356	ug/L	93
37) 1,2-Dichloropropane	9.368	63	48280	22.270	ug/L	98
38) Bromodichloromethane	9.642	83	65563	24.087	ug/L #	98
39) cis-1,3-Dichloropropene	10.069	75	78453	23.600	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	42814	38.395	ug/L #	93
42) Toluene	10.386	91	220068	25.018	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	64504	23.418	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	38444	25.163	ug/L	93
46) Tetrachloroethene	10.861	164	46050	28.169	ug/L	96
48) 2-Hexanone	10.965	43	33129	40.347	ug/L #	97
49) Dibromochloromethane	11.130	129	43690	25.412	ug/L	99
50) 1,2-Dibromoethane	11.233	107	35421	24.502	ug/L	91
51) Chlorobenzene	11.654	112	143581	25.258	ug/L	98
52) Ethylbenzene	11.727	91	251658	25.253	ug/L	99
53) m,p-Xylene	11.837	106	99354	26.708	ug/L	95
54) o-Xylene	12.160	106	94051	26.563	ug/L	96
55) Styrene	12.178	104	163385	27.050	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.715	83	41917	23.427	ug/L #	99
59) Bromoform	12.349	173	27211	26.540	ug/L #	98
60) Isopropylbenzene	12.465	105	261999	26.082	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	29495	21.923	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	217850	26.812	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	216435	26.961	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	115807	25.797	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	120529	26.282	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	107726	26.917	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.477	75	6677	21.660	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	88733	28.638	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	72446	28.241	ug/L	94
71) Naphthalene	15.360	128	124351	26.501	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	64368	28.666	ug/L	98

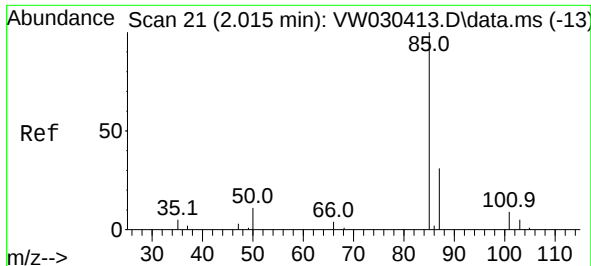
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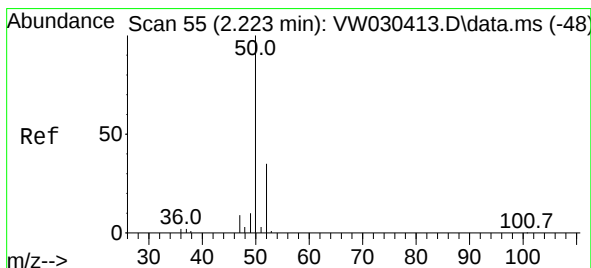
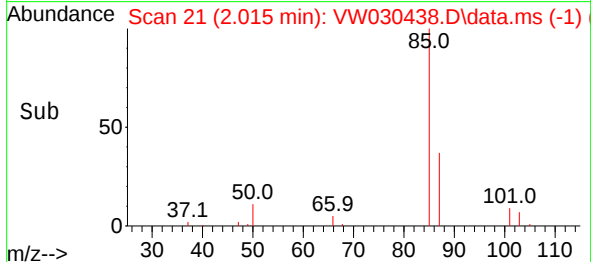
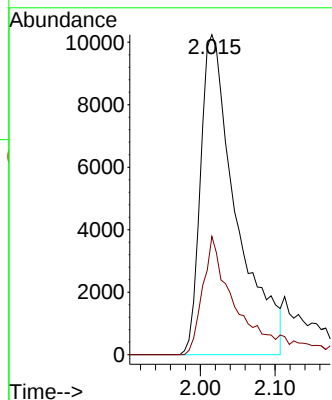
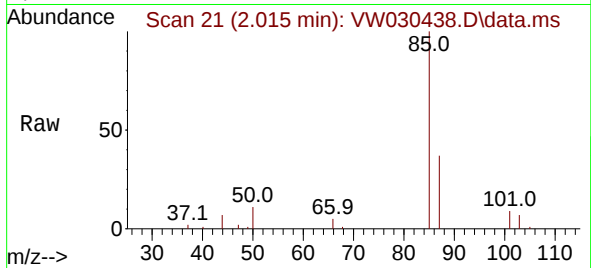




#2
 Dichlorodifluoromethane
 Concen: 21.411 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030438.D
 Acq: 08 Oct 2024 10:54

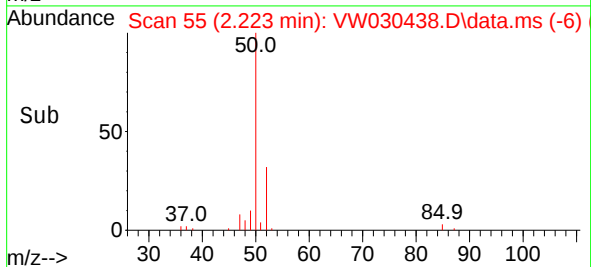
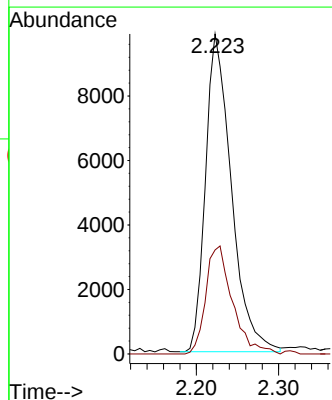
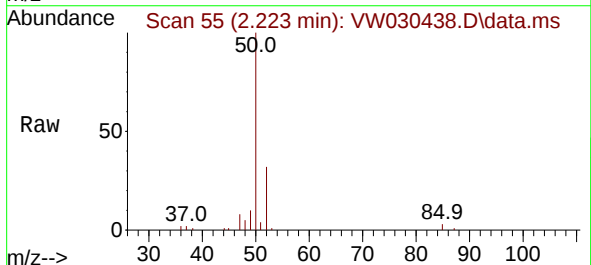
Instrument :
 MSVOA_W
 ClientSampleId :

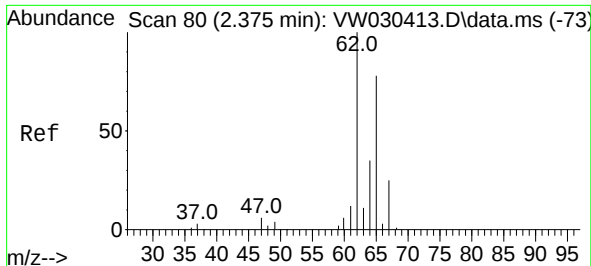
Tgt Ion: 85 Resp: 33814
 Ion Ratio Lower Upper
 85 100
 87 28.7 24.0 36.0



#3
 Chloromethane
 Concen: 17.397 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030438.D
 Acq: 08 Oct 2024 10:54

Tgt Ion: 50 Resp: 21524
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.5 43.7

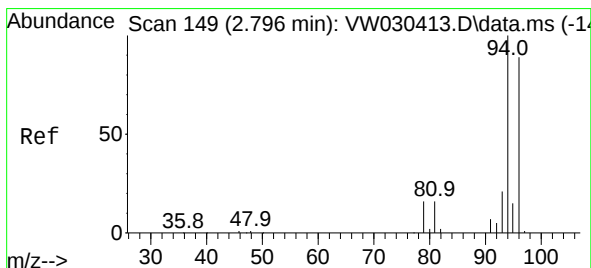
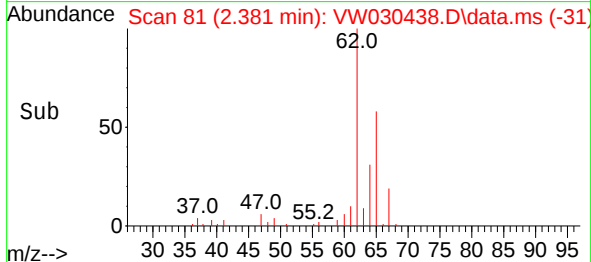
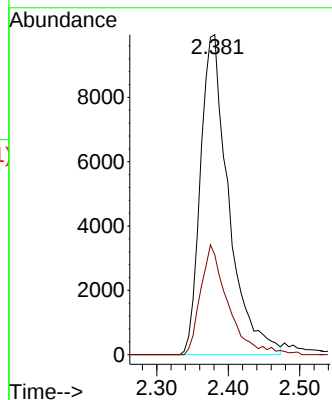
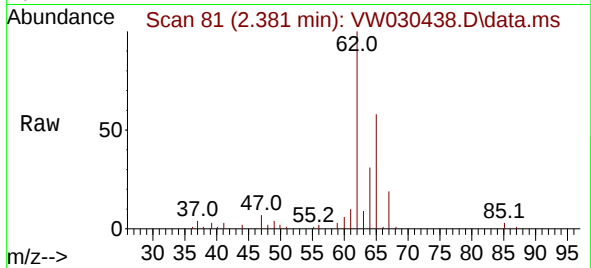




#5
Vinyl chloride
Concen: 20.699 ug/L
RT: 2.381 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

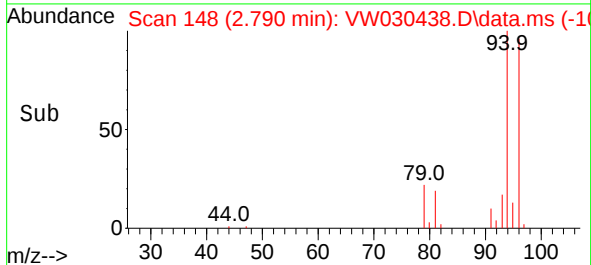
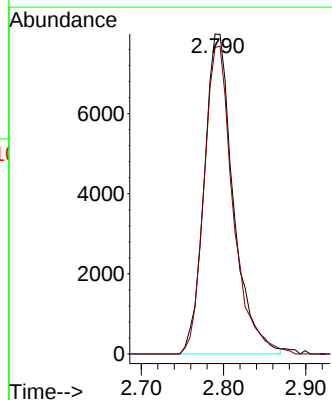
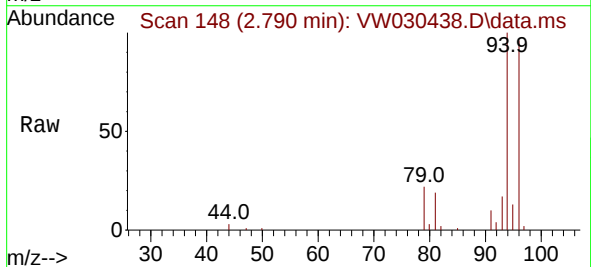
Instrument :
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ClientSampleId :

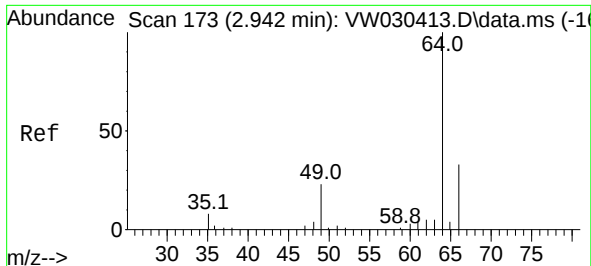
Tgt Ion: 62 Resp: 27224
Ion Ratio Lower Upper
62 100
64 31.2 22.1 41.1



#6
Bromomethane
Concen: 22.450 ug/L
RT: 2.790 min Scan# 148
Delta R.T. -0.006 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Tgt Ion: 94 Resp: 19652
Ion Ratio Lower Upper
94 100
96 95.8 69.7 129.4

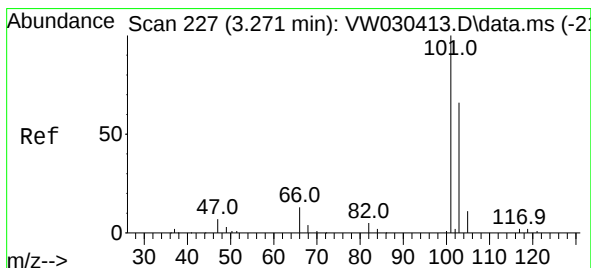
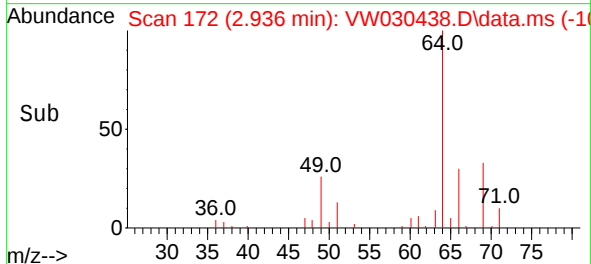
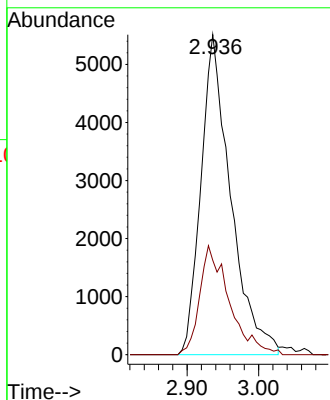
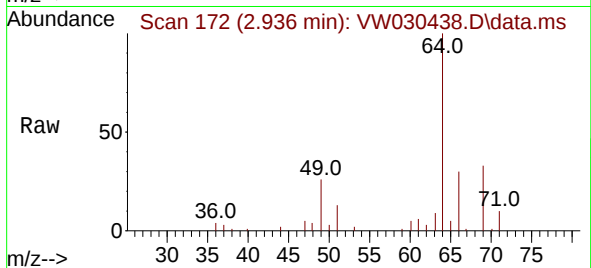




#8
Chloroethane
Concen: 22.232 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

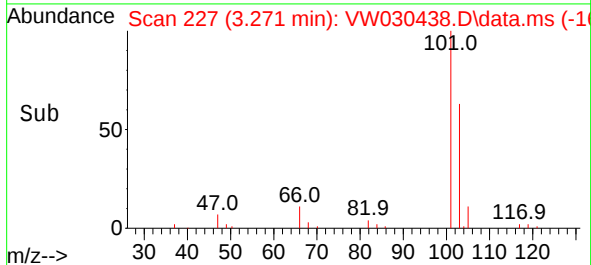
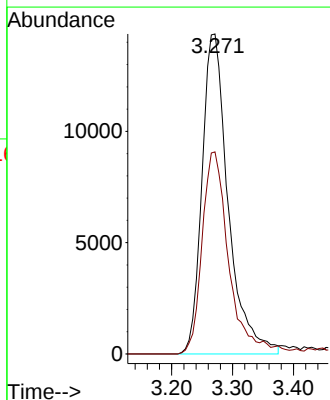
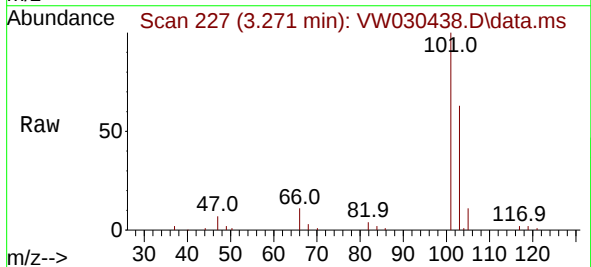
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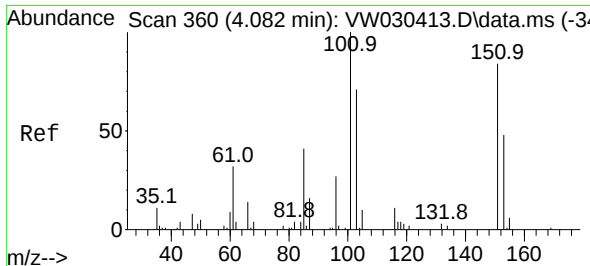
Tgt Ion: 64 Resp: 15953
Ion Ratio Lower Upper
64 100
66 29.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 25.368 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Tgt Ion:101 Resp: 42980
Ion Ratio Lower Upper
101 100
103 62.3 50.2 75.4





#10

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

Concen: 27.230 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

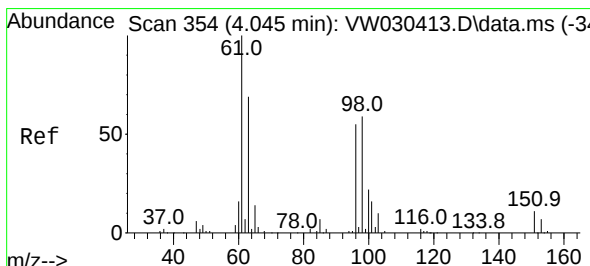
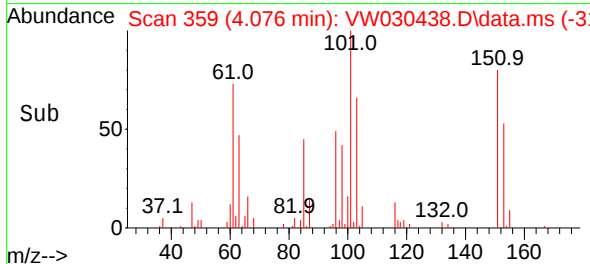
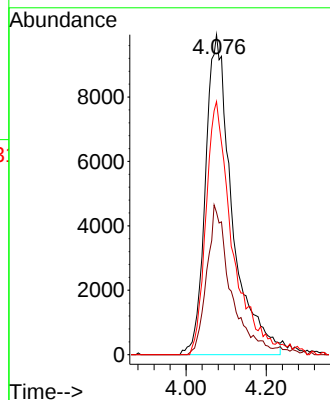
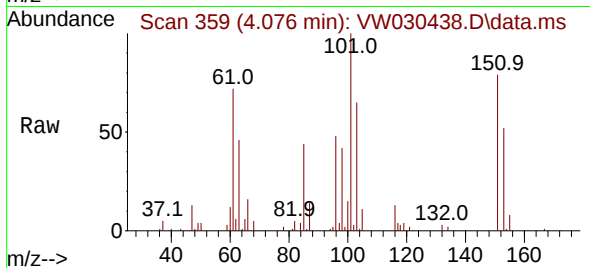
Tgt Ion:101 Resp: 45963

Ion Ratio Lower Upper

101 100

85 39.5 30.5 45.7

151 70.1 52.9 79.3



#12

1,1-Dichloroethene

Concen: 23.930 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

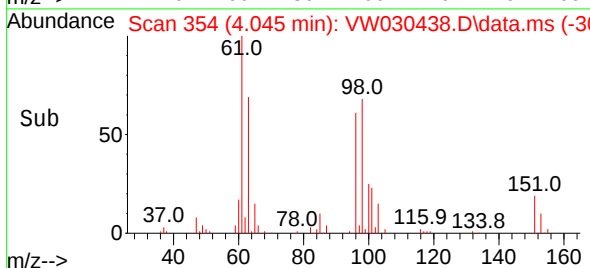
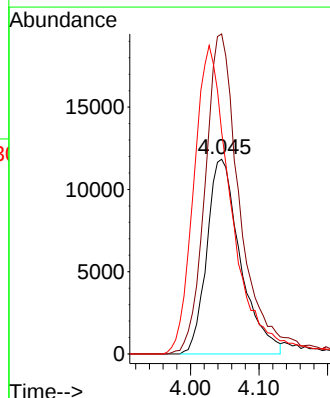
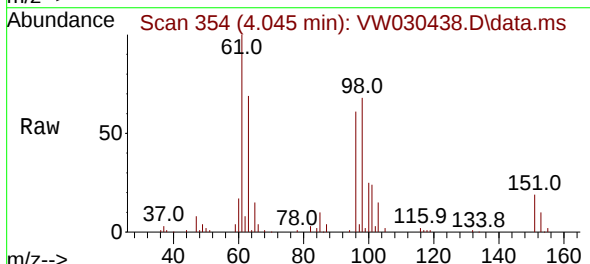
Tgt Ion: 96 Resp: 40170

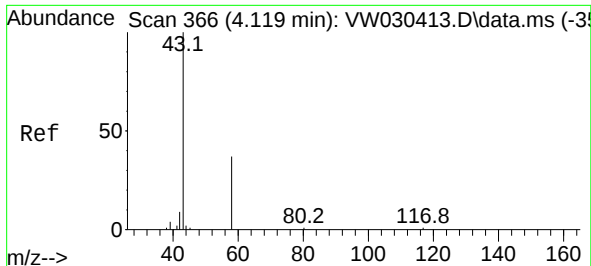
Ion Ratio Lower Upper

96 100

61 164.3 120.1 223.1

63 114.0 94.8 176.2





#13

Acetone

Concen: 38.761 ug/L

RT: 4.137 min Scan# 369

Delta R.T. 0.018 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

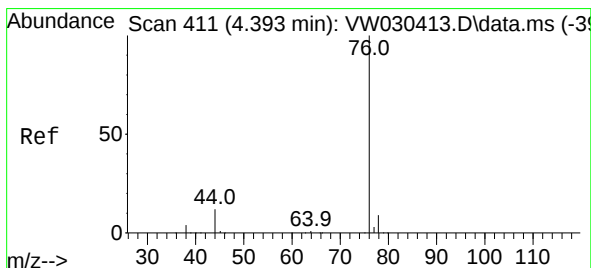
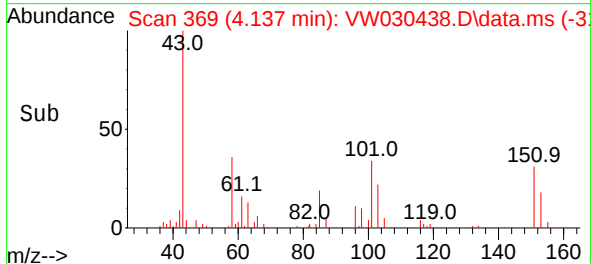
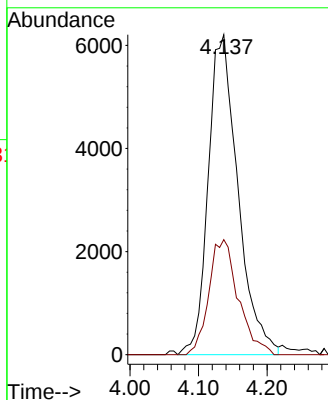
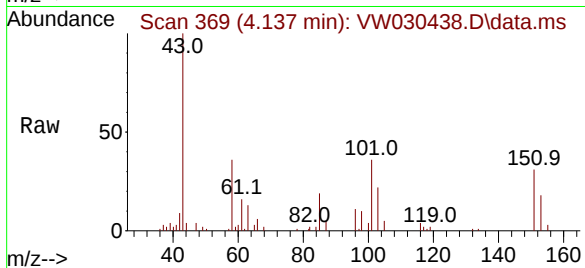
ClientSampleId :

Tgt Ion: 43 Resp: 18669

Ion Ratio Lower Upper

43 100

58 35.7 0.0 64.0



#14

Carbon disulfide

Concen: 21.168 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW030438.D

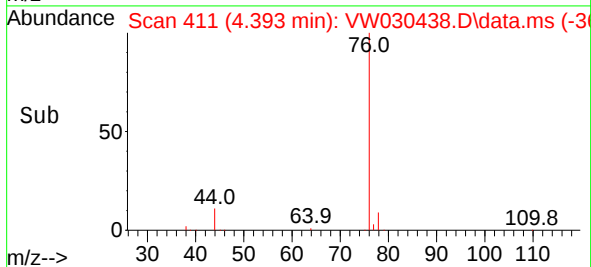
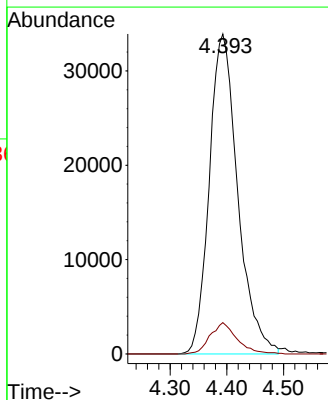
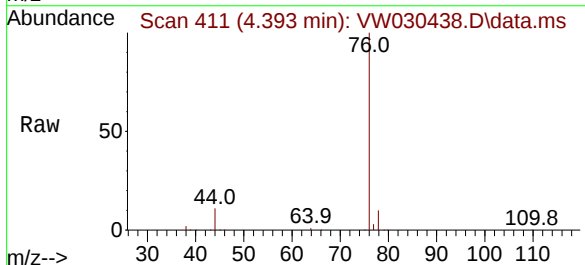
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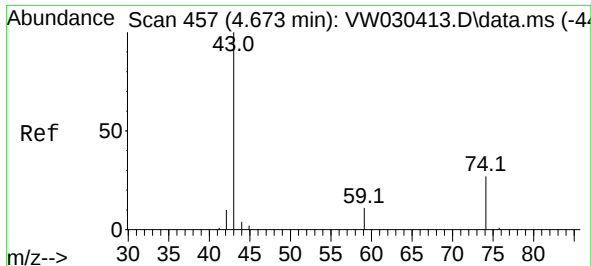
Tgt Ion: 76 Resp: 118165

Ion Ratio Lower Upper

76 100

78 9.8 6.8 10.2





#15

Methyl Acetate

Concen: 18.703 ug/L

RT: 4.679 min Scan# 457

Delta R.T. 0.006 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

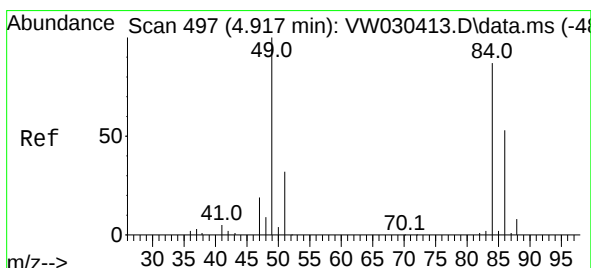
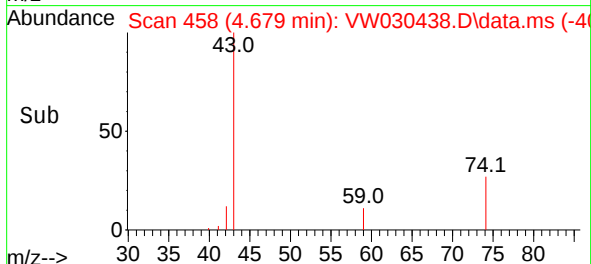
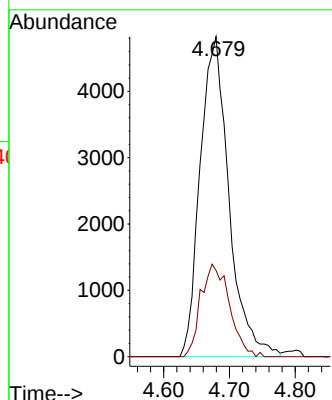
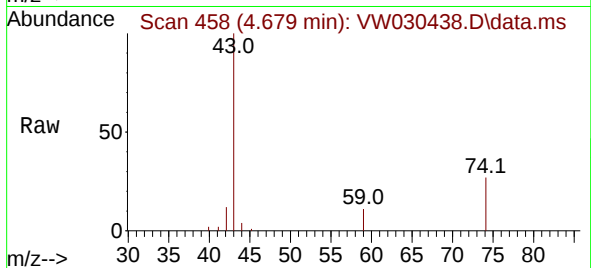
ClientSampleId :

Tgt Ion: 43 Resp: 14693

Ion Ratio Lower Upper

43 100

74 28.6 19.8 29.6



#16

Methylene chloride

Concen: 20.062 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

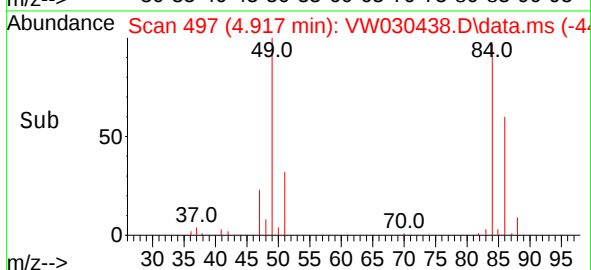
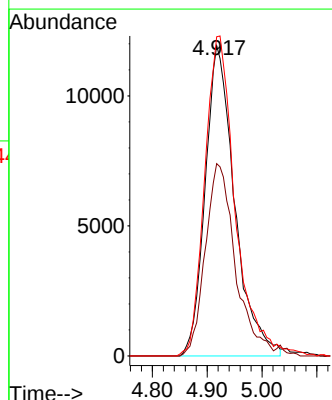
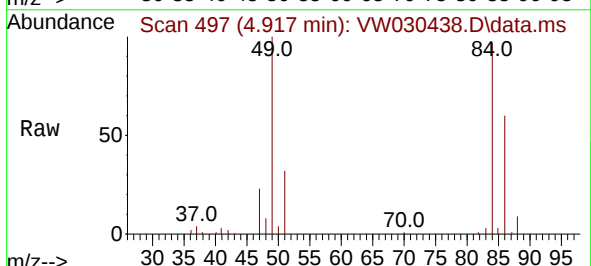
Tgt Ion: 84 Resp: 44614

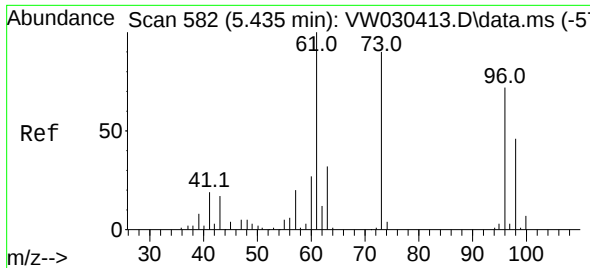
Ion Ratio Lower Upper

84 100

86 62.0 44.8 83.2

49 102.9 83.6 155.2

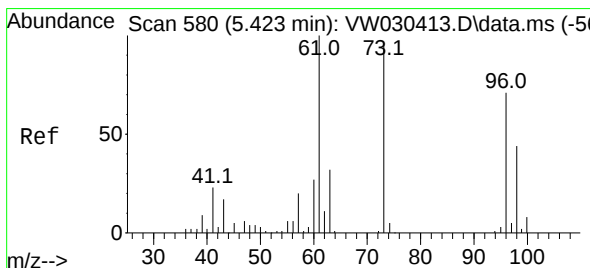
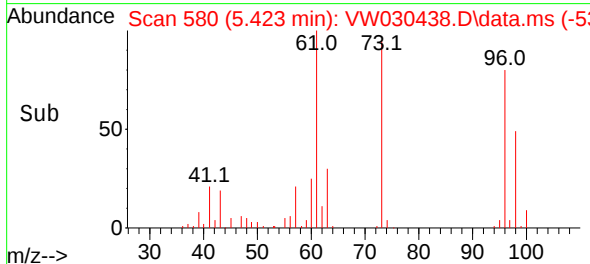
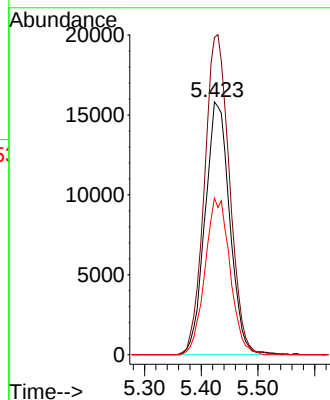
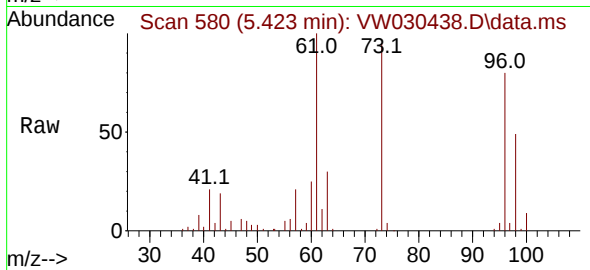




#17
trans-1,2-Dichloroethene
Concen: 24.539 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

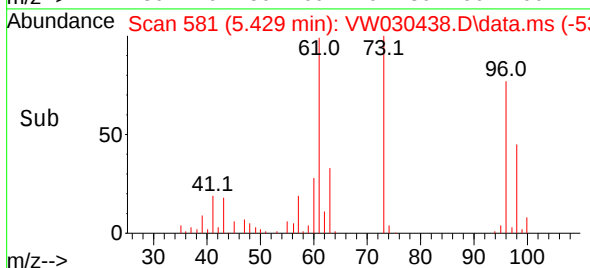
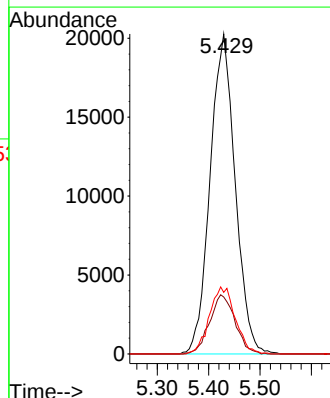
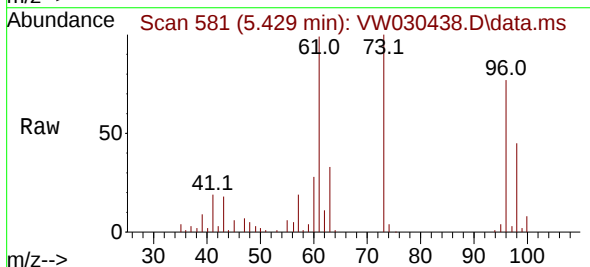
Instrument :
MSVOA_W
ClientSampleId :

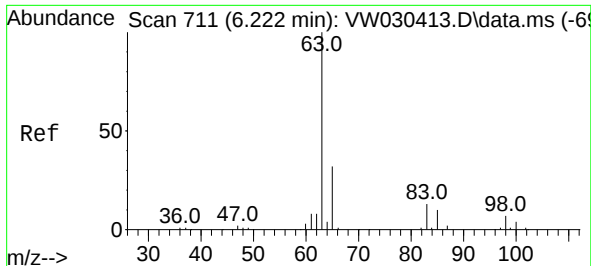
Tgt Ion: 96 Resp: 47817
Ion Ratio Lower Upper
96 100
61 125.5 100.3 186.3
98 61.9 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 22.181 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Tgt Ion: 73 Resp: 68747
Ion Ratio Lower Upper
73 100
43 18.7 15.9 23.9
57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 22.336 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

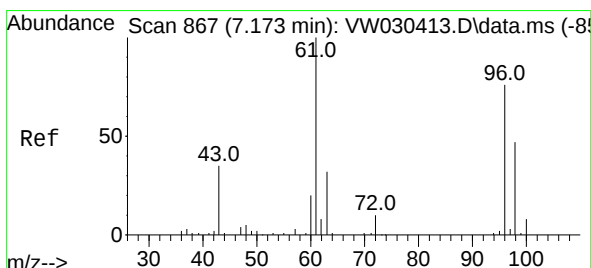
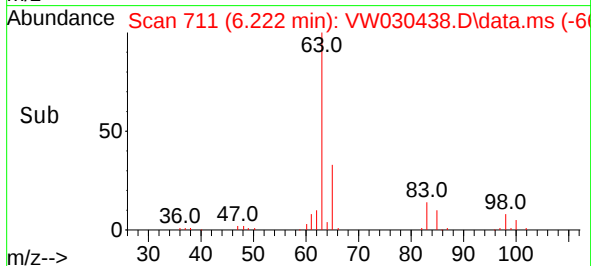
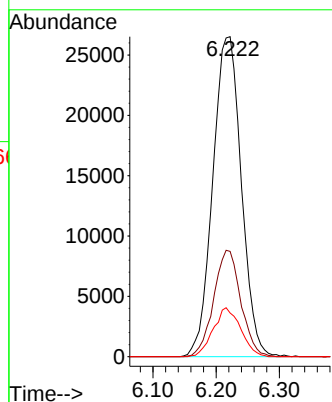
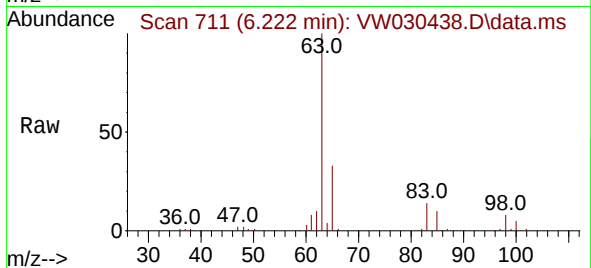
Tgt Ion: 63 Resp: 82888

Ion Ratio Lower Upper

63 100

65 32.9 20.7 38.5

83 13.6 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 24.120 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

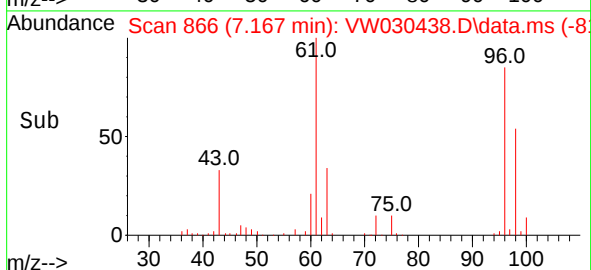
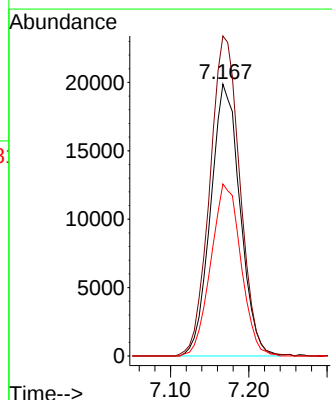
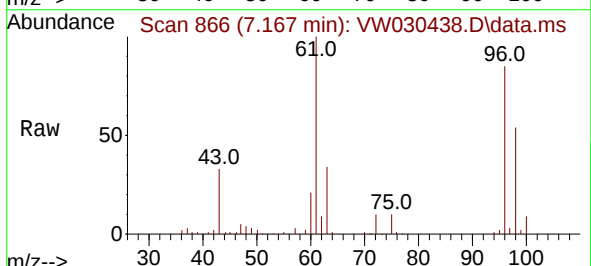
Tgt Ion: 96 Resp: 51929

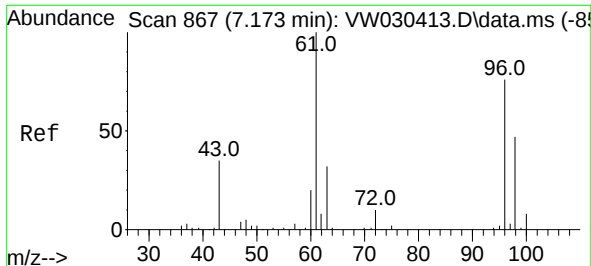
Ion Ratio Lower Upper

96 100

61 117.7 92.0 170.9

98 63.3 41.9 77.9

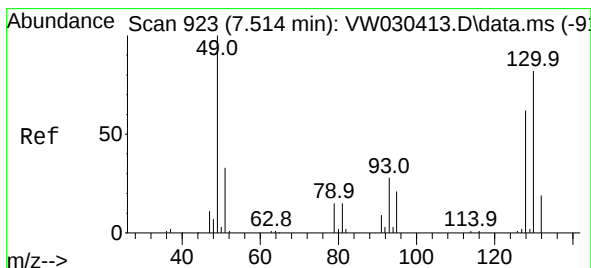
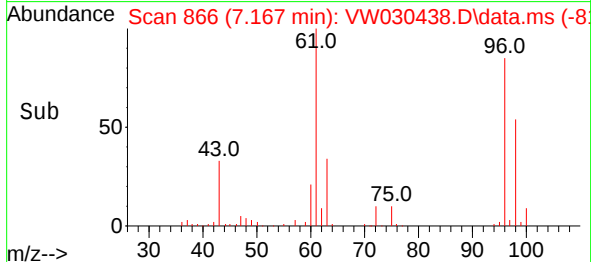
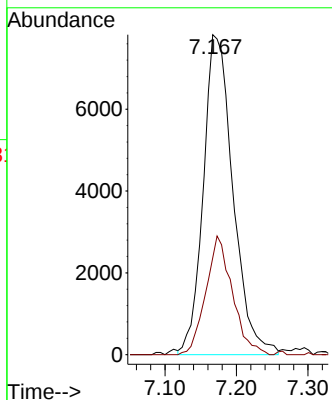
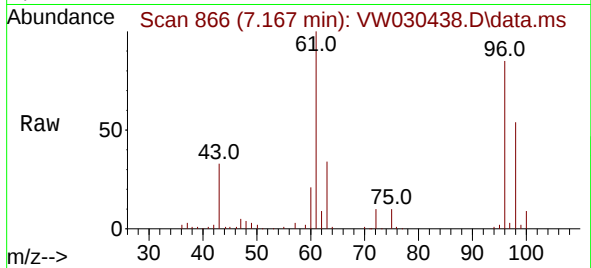




#22
2-Butanone
Concen: 36.629 ug/L
RT: 7.167 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

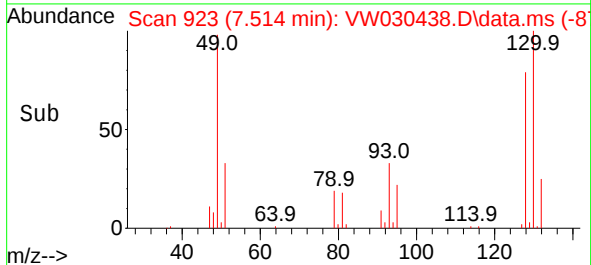
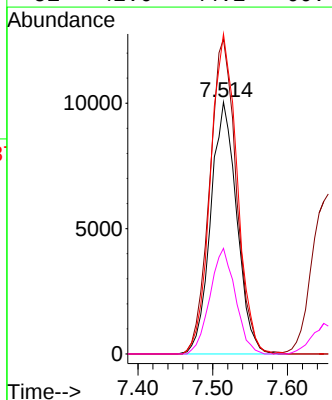
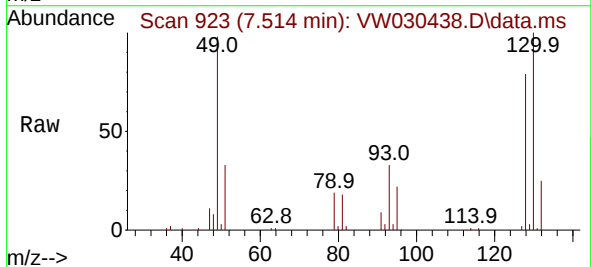
Instrument :
MSVOA_W
ClientSampleId :

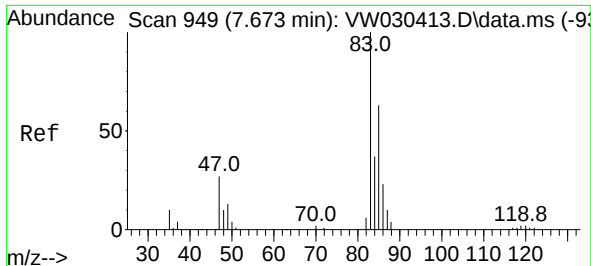
Tgt Ion: 43 Resp: 22553
Ion Ratio Lower Upper
43 100
72 33.2 14.1 42.3



#23
Bromochloromethane
Concen: 25.934 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Tgt Ion:128 Resp: 24375
Ion Ratio Lower Upper
128 100
49 125.0 123.1 228.5
130 127.1 89.2 165.6
51 42.0 44.2 66.4#





#25

Chloroform

Concen: 24.021 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

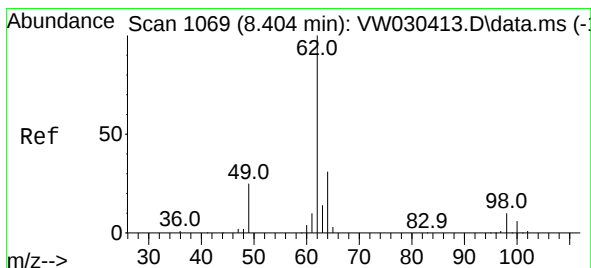
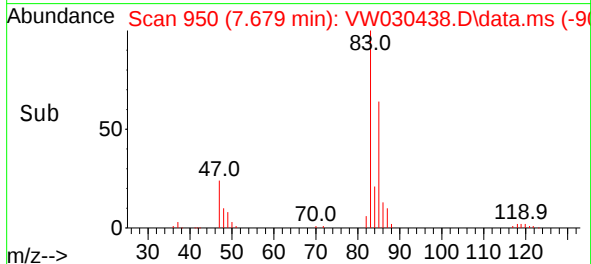
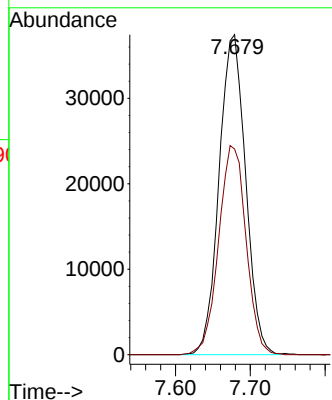
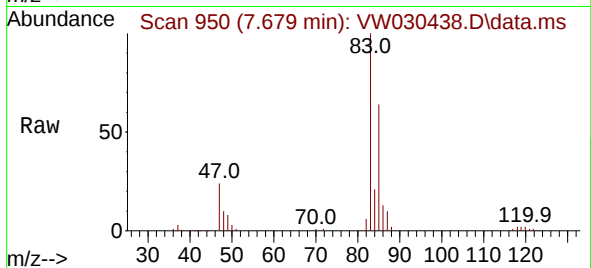
ClientSampleId :

Tgt Ion: 83 Resp: 92446

Ion Ratio Lower Upper

83 100

85 64.3 45.8 85.0



#27

1,2-Dichloroethane

Concen: 22.511 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW030438.D

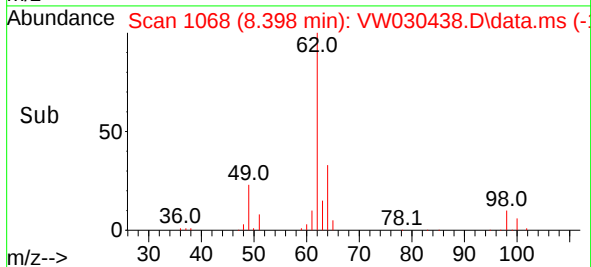
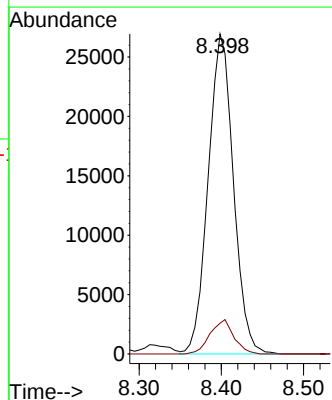
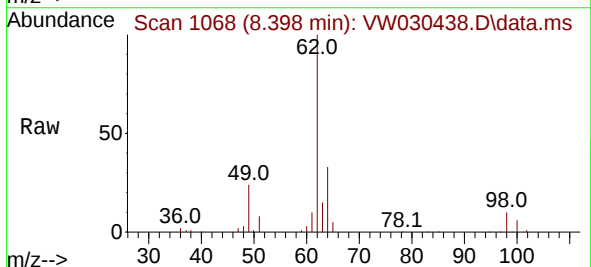
Acq: 08 Oct 2024 10:54

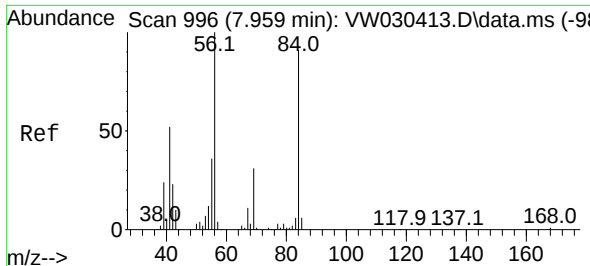
Tgt Ion: 62 Resp: 57457

Ion Ratio Lower Upper

62 100

98 9.6 7.0 10.6





#29

Cyclohexane

Concen: 21.754 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

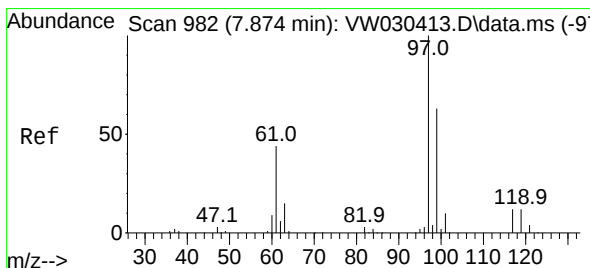
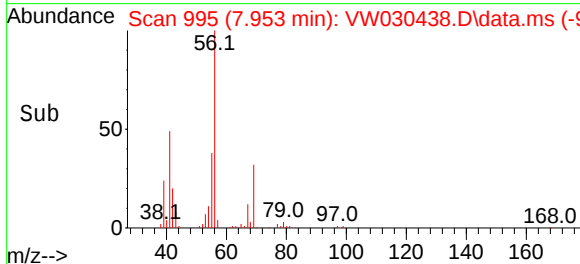
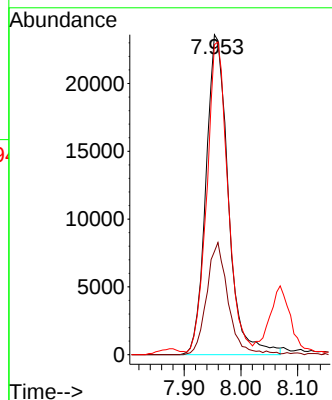
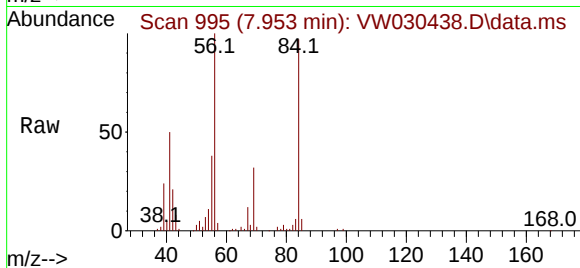
Tgt Ion: 56 Resp: 64692

Ion Ratio Lower Upper

56 100

69 33.1 24.5 36.7

84 91.4 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 25.532 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

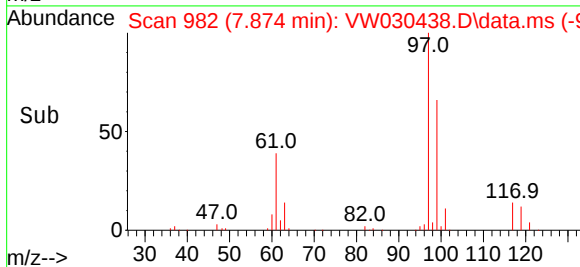
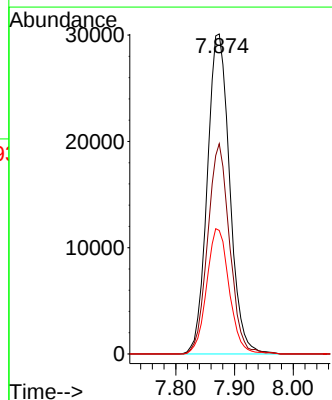
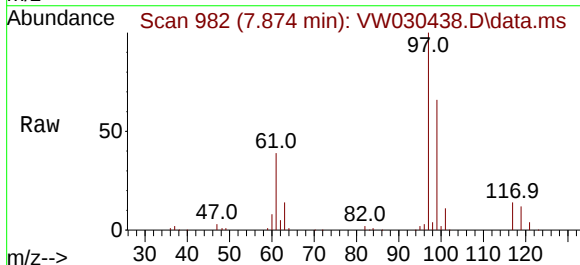
Tgt Ion: 97 Resp: 79788

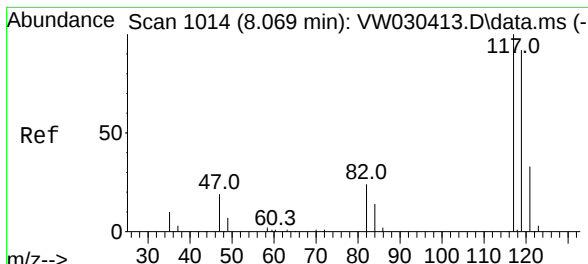
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 39.3 34.1 51.1

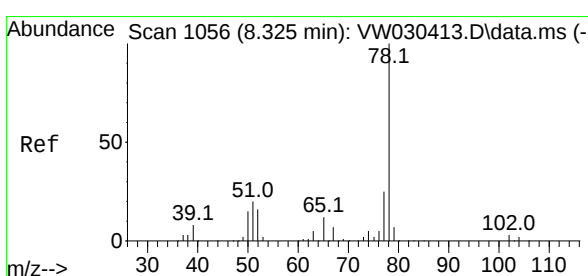
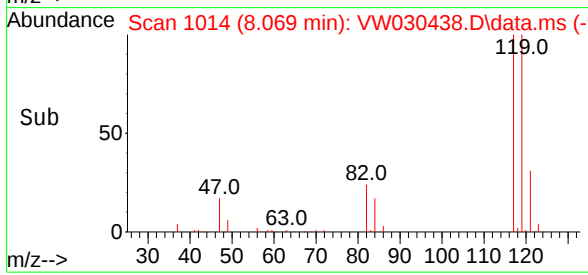
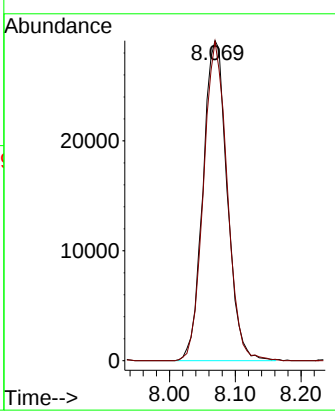
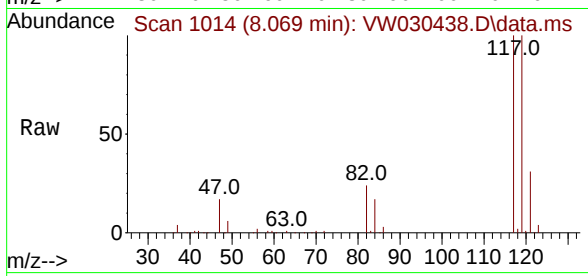




#31
Carbon tetrachloride
Concen: 26.738 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

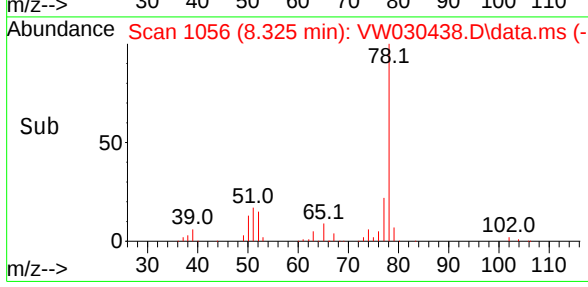
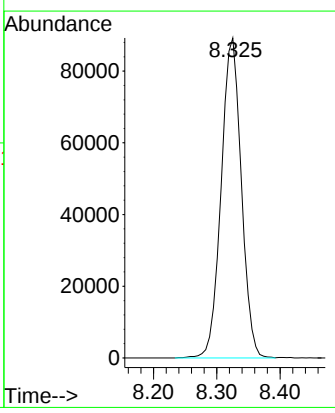
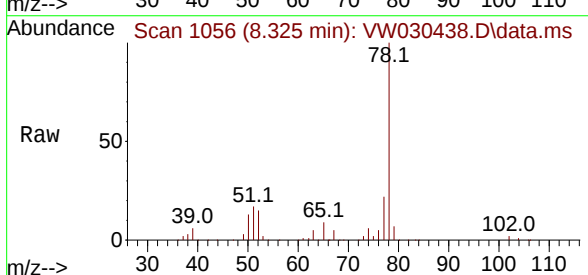
Instrument :
MSVOA_W
ClientSampleId :

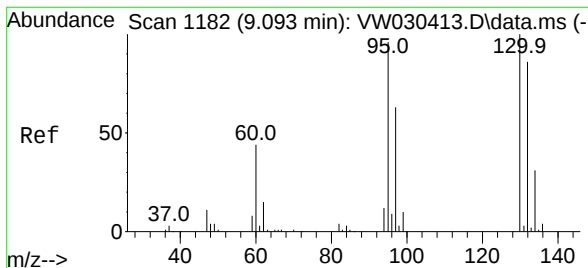
Tgt Ion:117 Resp: 74678
Ion Ratio Lower Upper
117 100
119 97.7 75.5 113.3



#33
Benzene
Concen: 24.026 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Tgt Ion: 78 Resp: 197420





#34

Trichloroethene

Concen: 24.780 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 54160

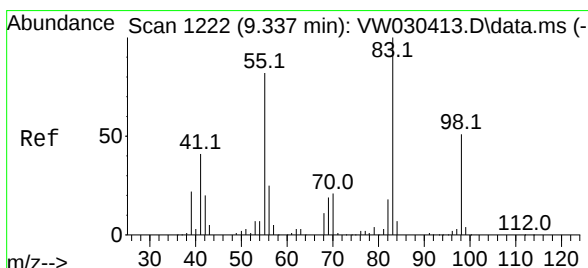
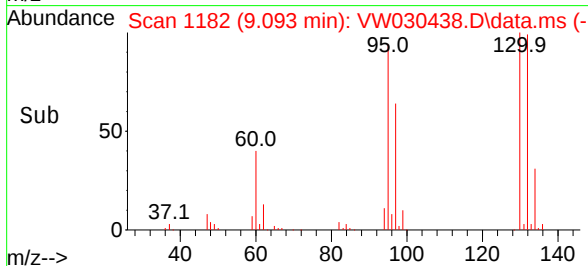
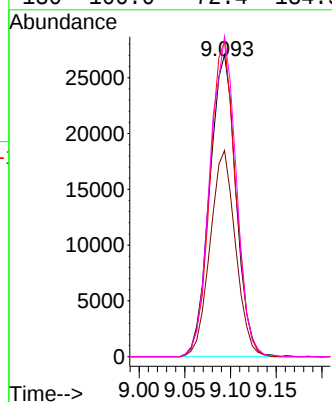
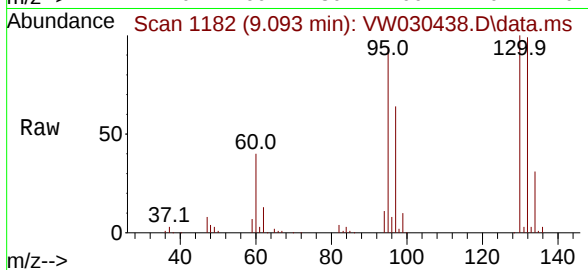
Ion Ratio Lower Upper

95 100

97 68.3 47.5 88.1

132 104.4 66.7 123.9

130 106.0 72.4 134.5



#35

Methylcyclohexane

Concen: 25.356 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

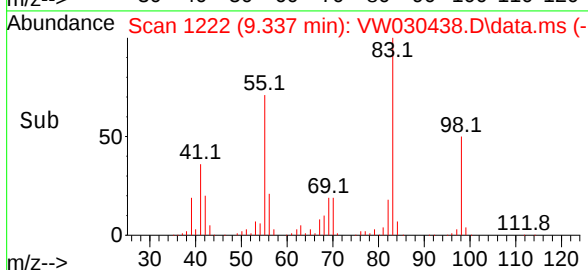
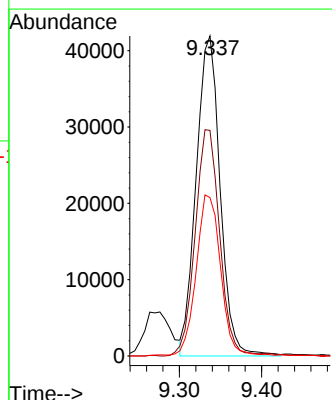
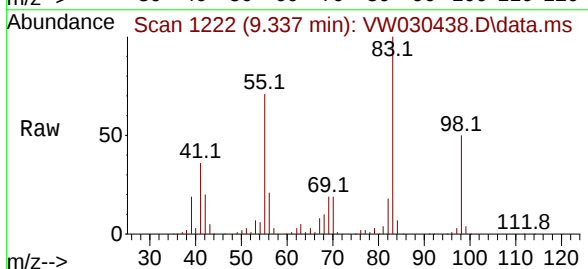
Tgt Ion: 83 Resp: 85049

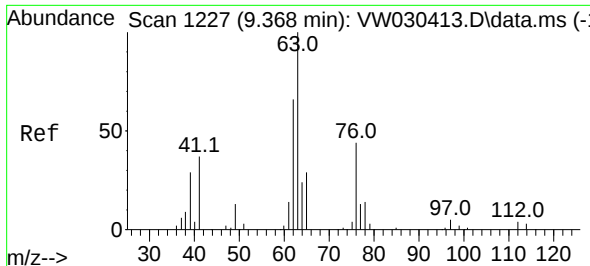
Ion Ratio Lower Upper

83 100

55 71.9 61.7 92.5

98 51.4 37.2 55.8





#37

1,2-Dichloropropane

Concen: 22.270 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

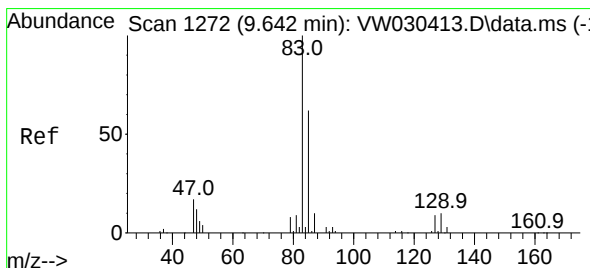
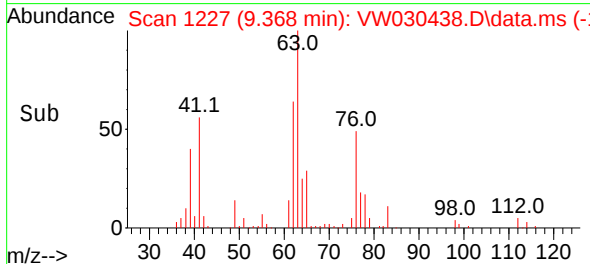
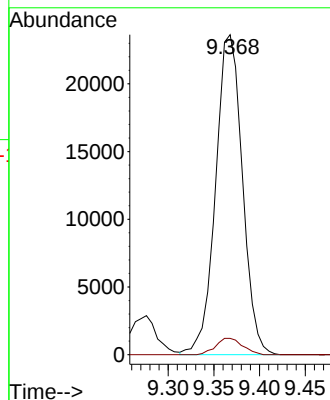
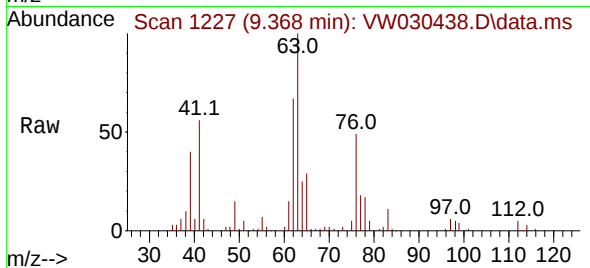
ClientSampleId :

Tgt Ion: 63 Resp: 48280

Ion Ratio Lower Upper

63 100

112 5.1 3.4 5.2



#38

Bromodichloromethane

Concen: 24.087 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

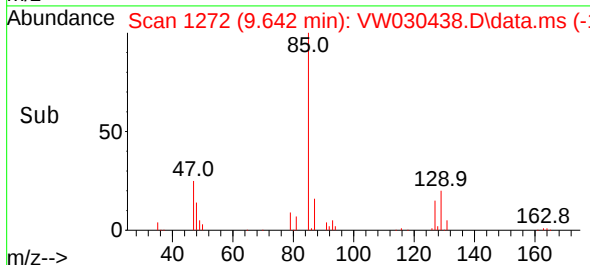
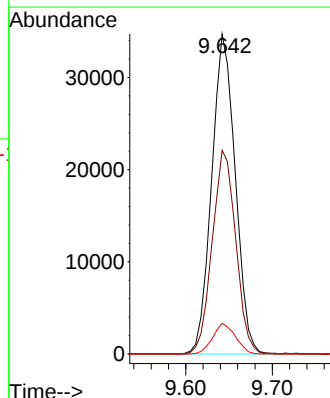
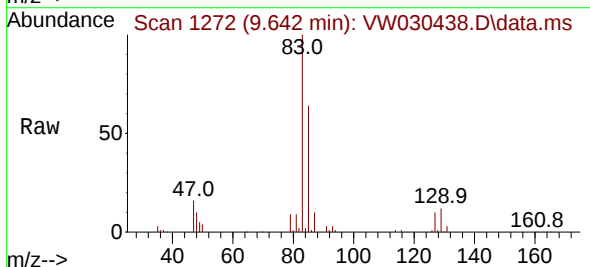
Tgt Ion: 83 Resp: 65563

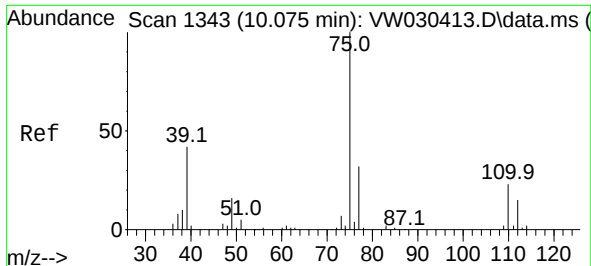
Ion Ratio Lower Upper

83 100

85 63.6 43.5 80.7

127 9.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 23.600 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

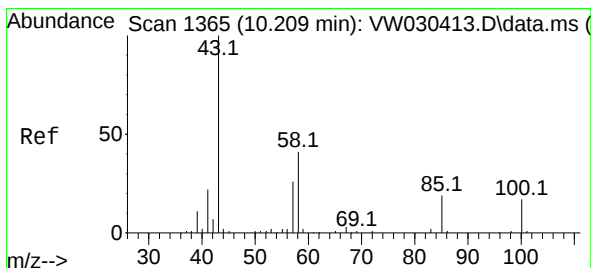
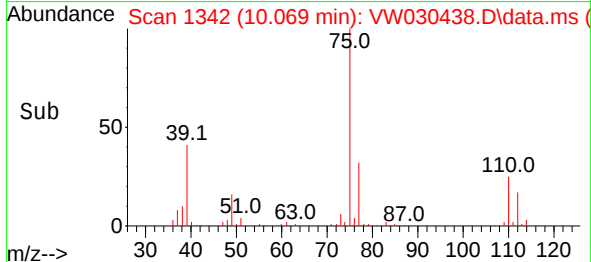
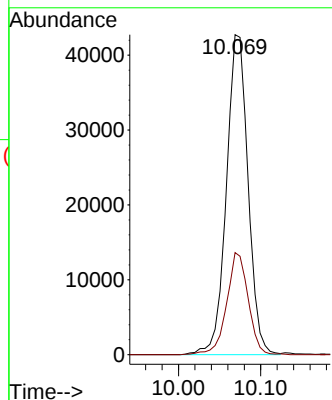
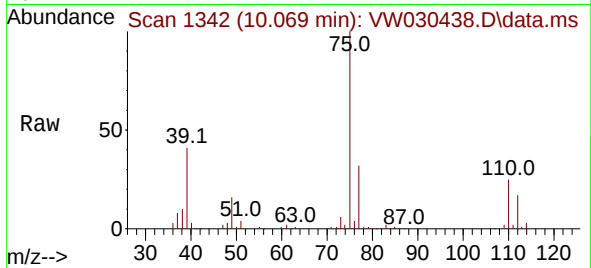
ClientSampleId :

Tgt Ion: 75 Resp: 78453

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 38.395 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

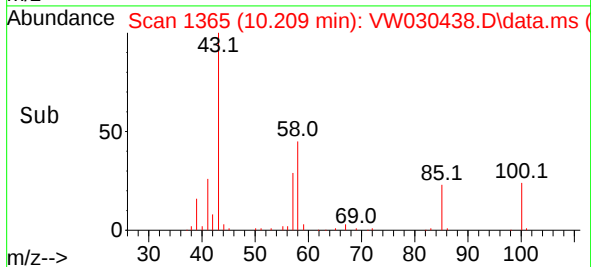
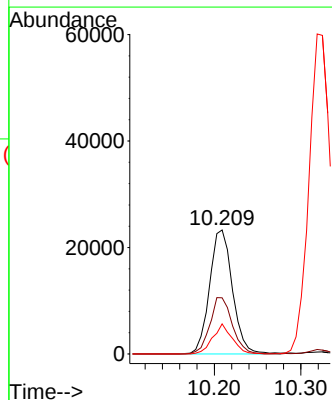
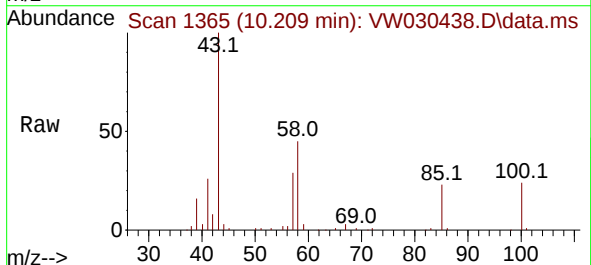
Tgt Ion: 43 Resp: 42814

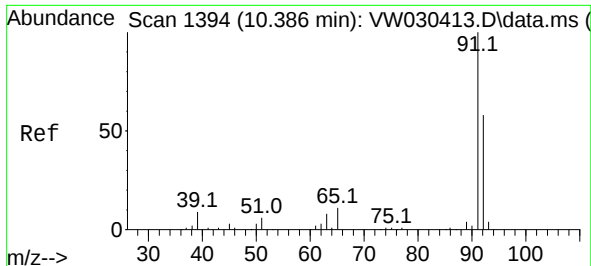
Ion Ratio Lower Upper

43 100

58 44.3 32.6 48.8

100 20.4 12.5 18.7#





#42

Toluene

Concen: 25.018 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

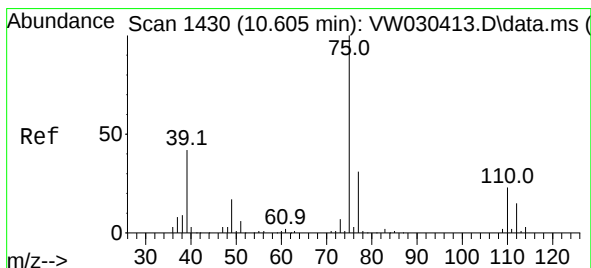
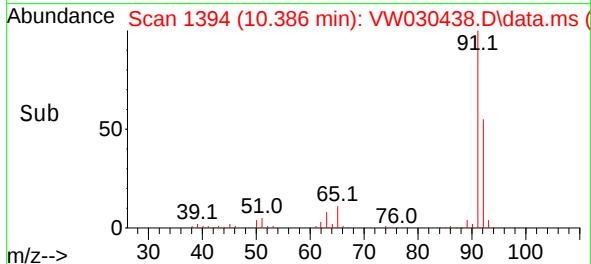
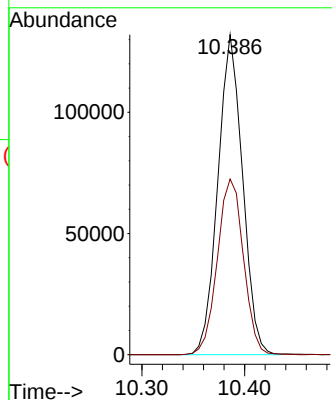
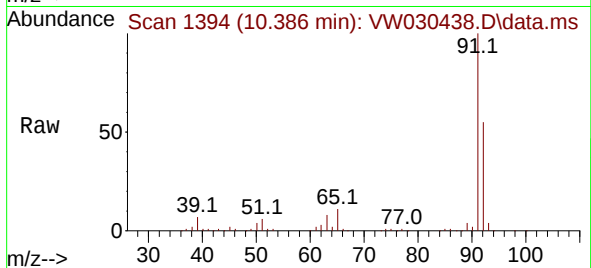
ClientSampleId :

Tgt Ion: 91 Resp: 220068

Ion Ratio Lower Upper

91 100

92 54.9 42.3 78.5



#44

trans-1,3-Dichloropropene

Concen: 23.418 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030438.D

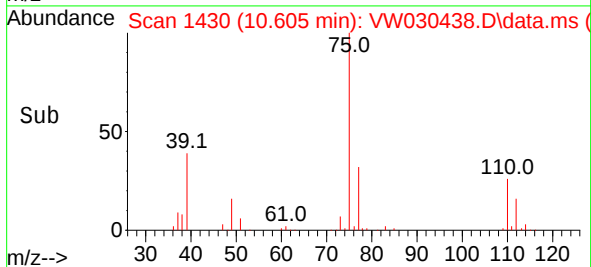
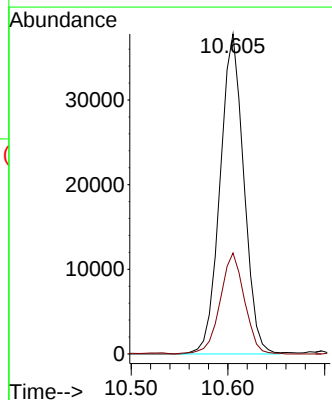
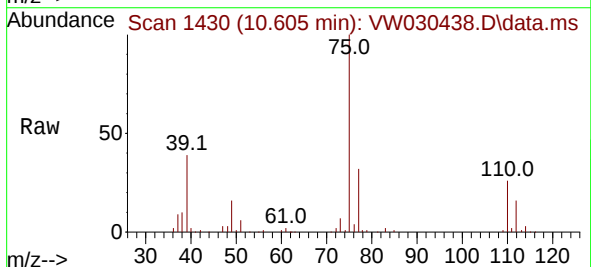
Acq: 08 Oct 2024 10:54

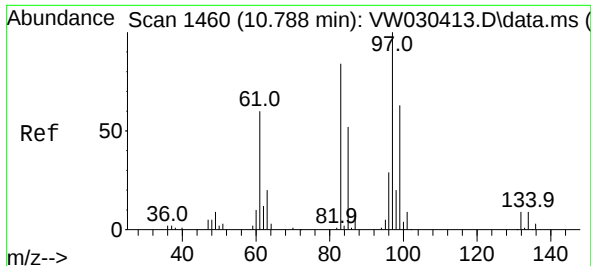
Tgt Ion: 75 Resp: 64504

Ion Ratio Lower Upper

75 100

77 31.6 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 25.163 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 38444

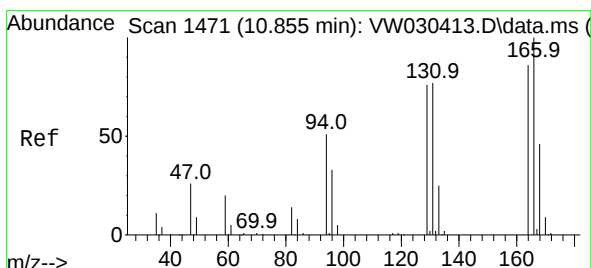
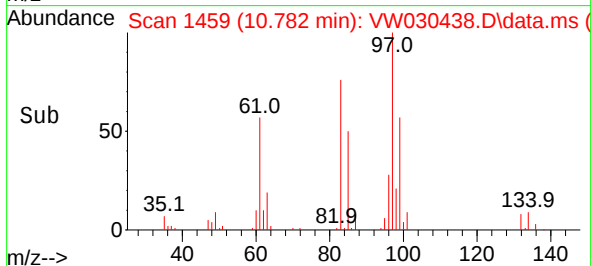
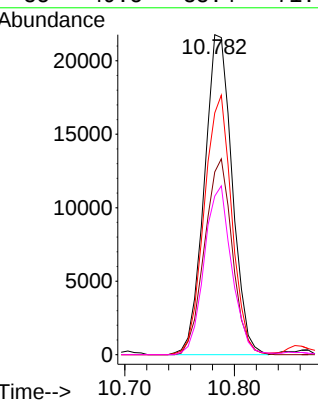
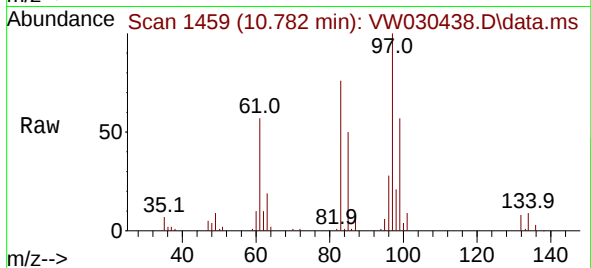
Ion Ratio Lower Upper

97 100

99 57.1 40.8 75.8

83 75.6 59.1 109.7

85 49.5 38.4 71.4



#46

Tetrachloroethene

Concen: 28.169 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Tgt Ion:164 Resp: 46050

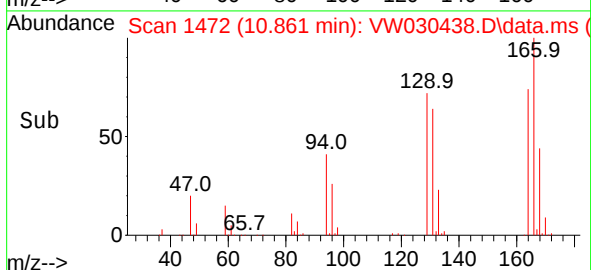
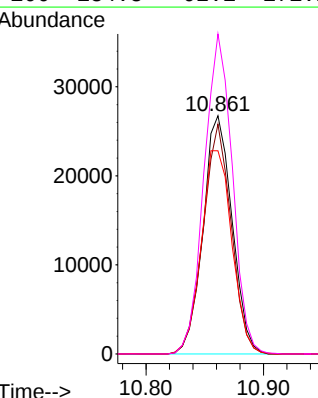
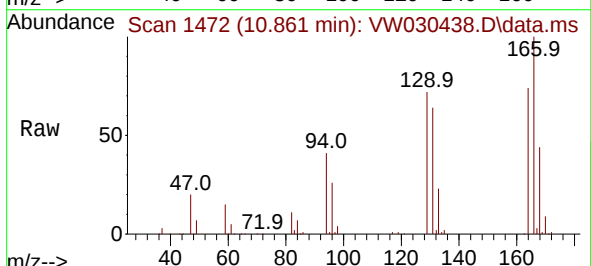
Ion Ratio Lower Upper

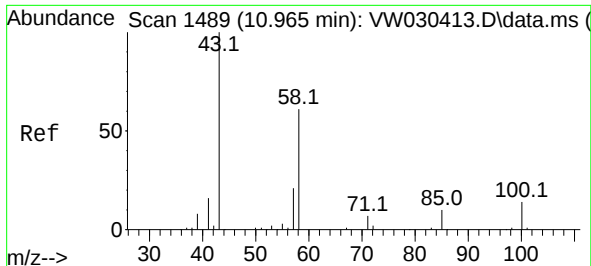
164 100

129 96.4 67.2 124.8

131 85.3 65.9 122.3

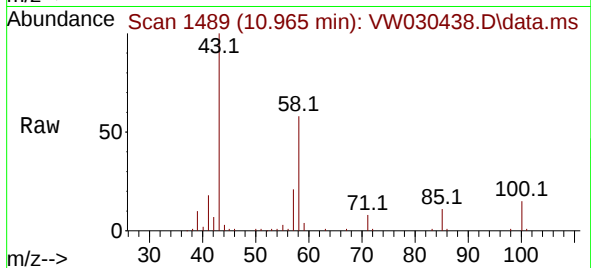
166 134.3 92.1 171.1



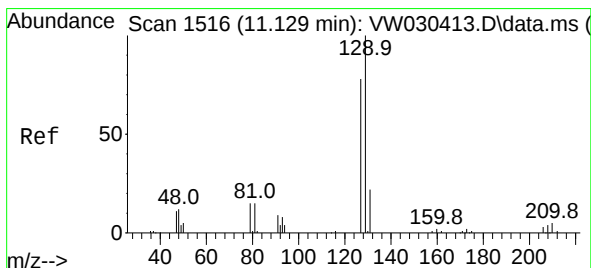
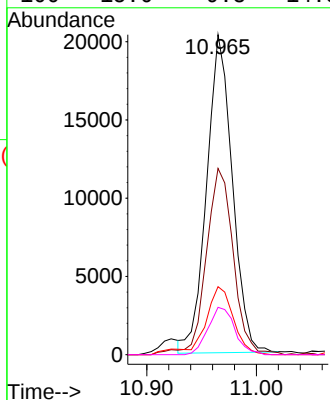
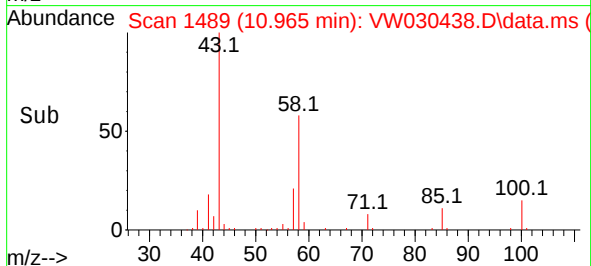


#48
2-Hexanone
Concen: 40.347 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Instrument :
MSVOA_W
ClientSampleId :

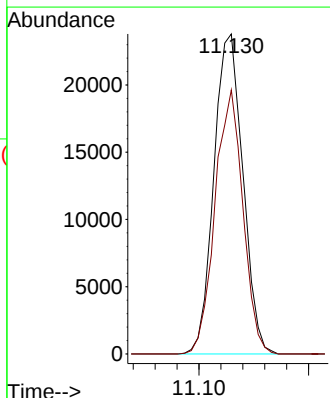
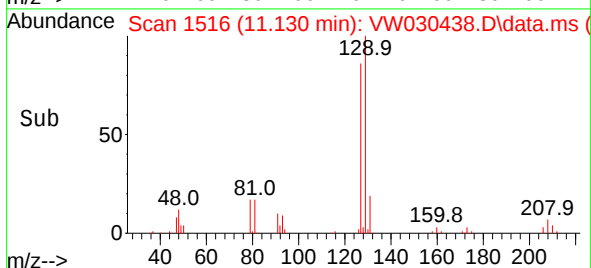
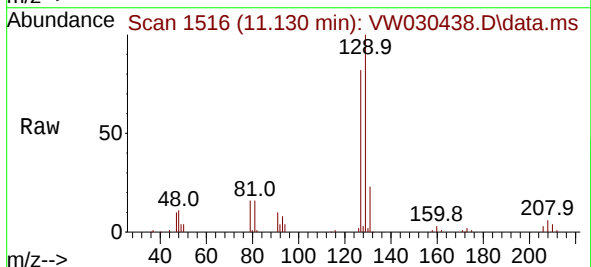


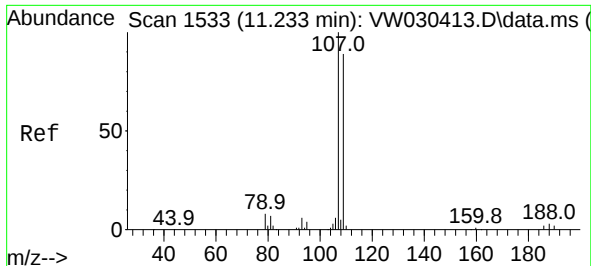
Tgt Ion: 43 Resp: 33129
Ion Ratio Lower Upper
43 100
58 58.3 46.1 69.1
57 21.8 15.3 22.9
100 15.6 9.8 14.8#



#49
Dibromochloromethane
Concen: 25.412 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Tgt Ion: 129 Resp: 43690
Ion Ratio Lower Upper
129 100
127 82.5 57.2 106.2





#50

1,2-Dibromoethane

Concen: 24.502 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030438.D

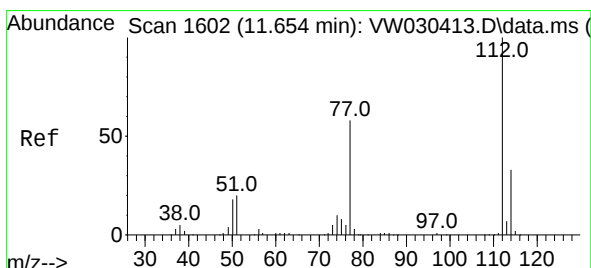
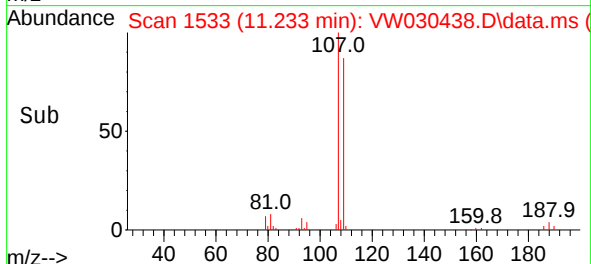
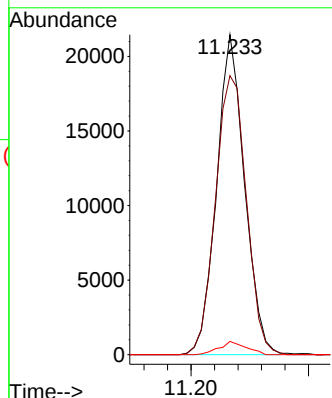
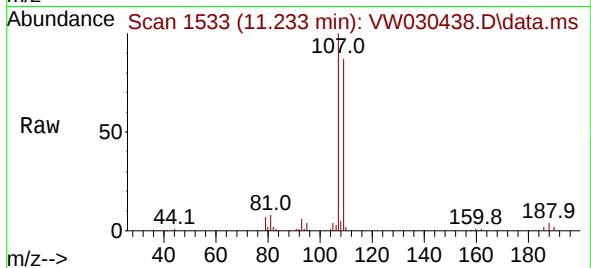
Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	35421
Ion	Ratio	Lower	Upper
107	100		
109	87.2	67.8	125.8
188	4.1	2.9	4.3



#51

Chlorobenzene

Concen: 25.258 ug/L

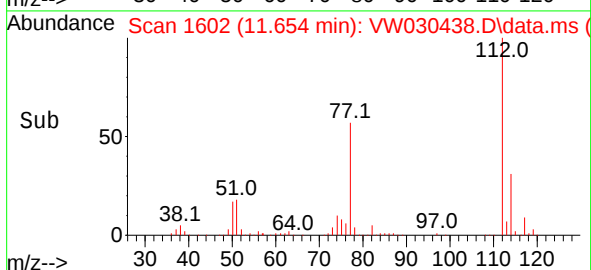
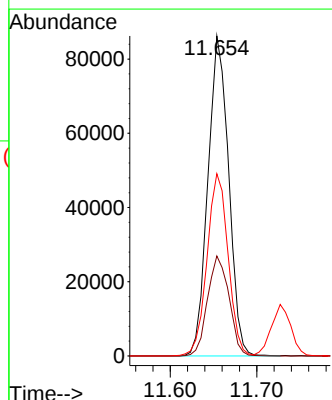
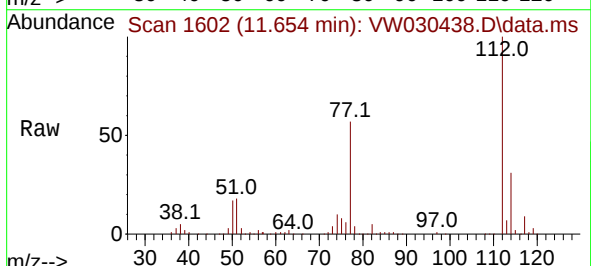
RT: 11.654 min Scan# 1602

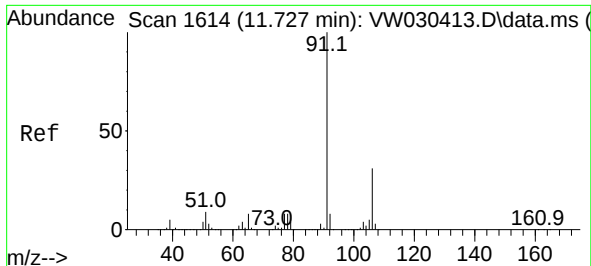
Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Tgt Ion:	112	Resp:	143581
Ion	Ratio	Lower	Upper
112	100		
114	31.3	21.5	39.9
77	57.0	46.7	70.1





#52

Ethylbenzene

Concen: 25.253 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

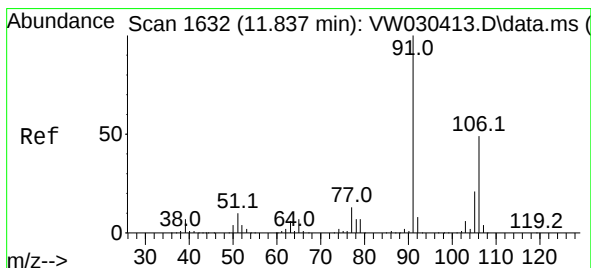
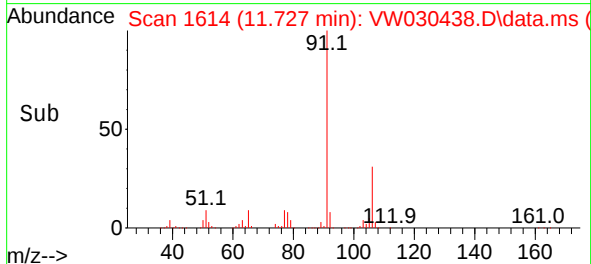
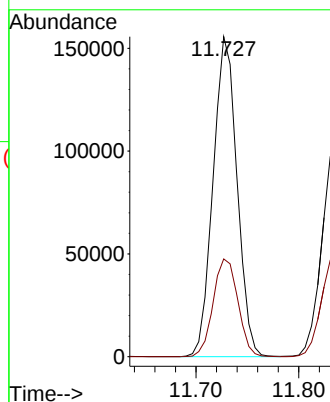
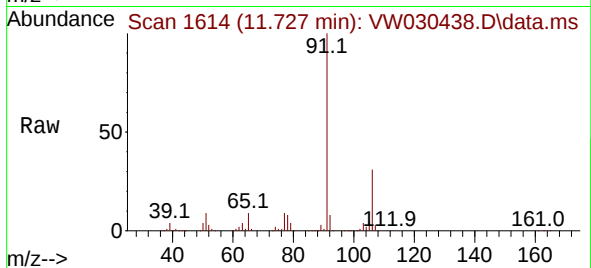
ClientSampleId :

Tgt Ion: 91 Resp: 251658

Ion Ratio Lower Upper

91 100

106 30.5 21.8 40.6



#53

m,p-Xylene

Concen: 26.708 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030438.D

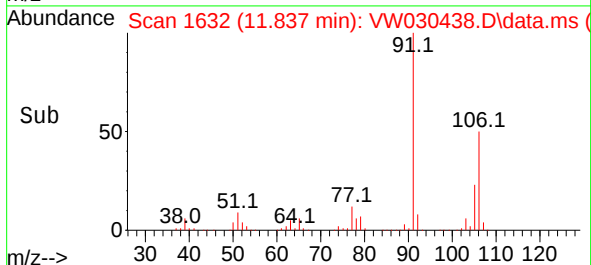
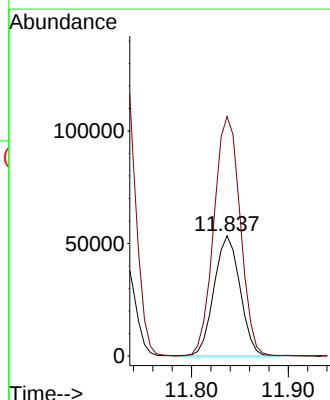
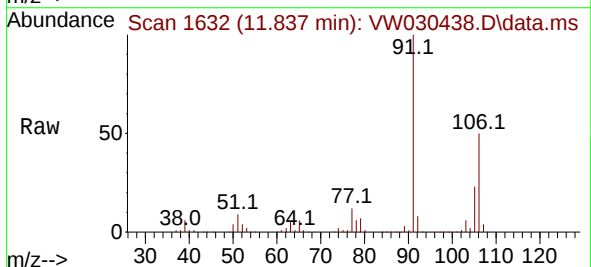
Acq: 08 Oct 2024 10:54

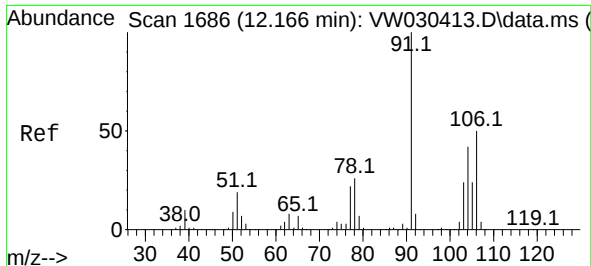
Tgt Ion:106 Resp: 99354

Ion Ratio Lower Upper

106 100

91 199.1 144.4 268.2

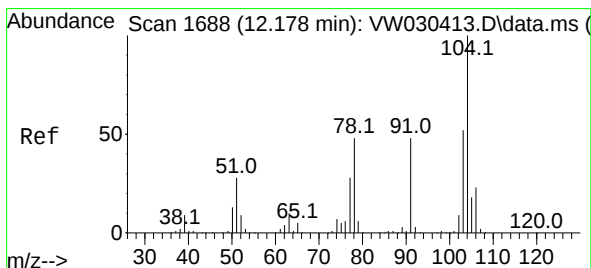
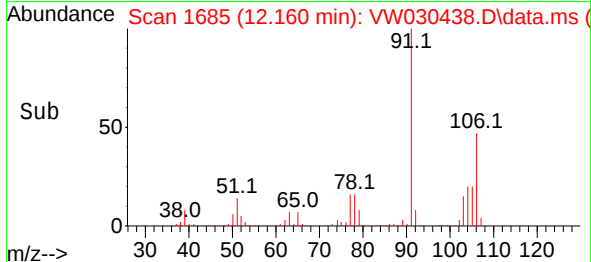
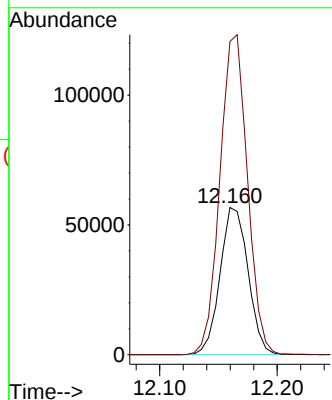
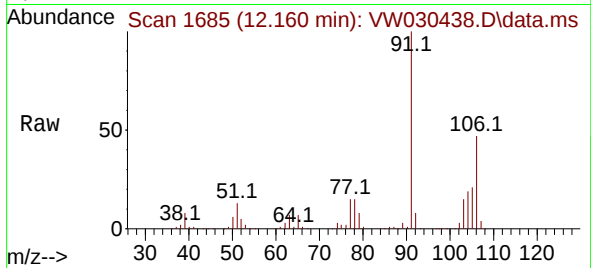




#54
o-Xylene
Concen: 26.563 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

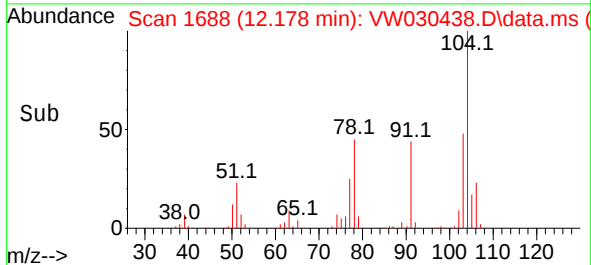
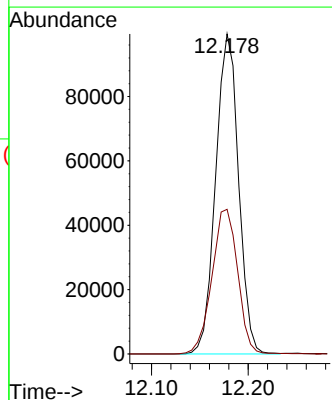
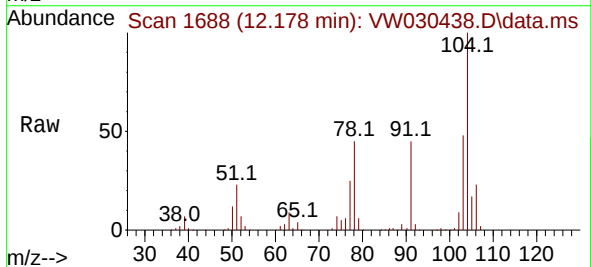
Instrument :
MSVOA_W
ClientSampleId :

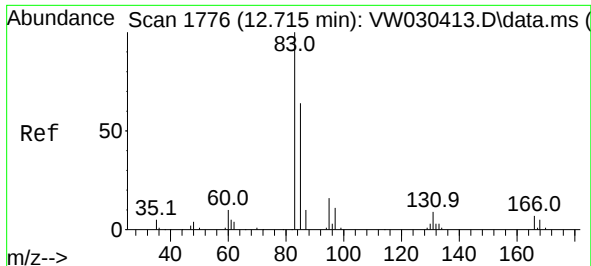
Tgt Ion:106 Resp: 94051
Ion Ratio Lower Upper
106 100
91 212.8 153.6 285.2



#55
Styrene
Concen: 27.050 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Tgt Ion:104 Resp: 163385
Ion Ratio Lower Upper
104 100
78 45.2 34.6 64.3

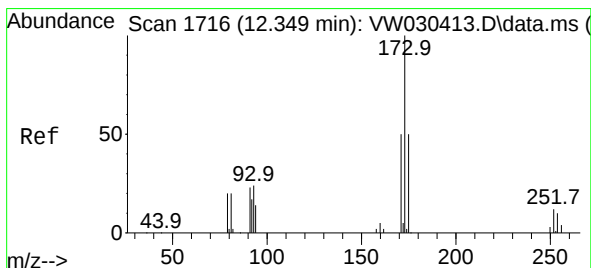
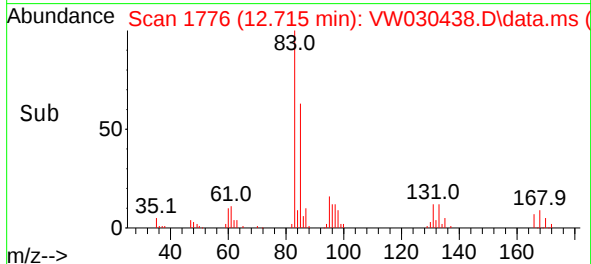
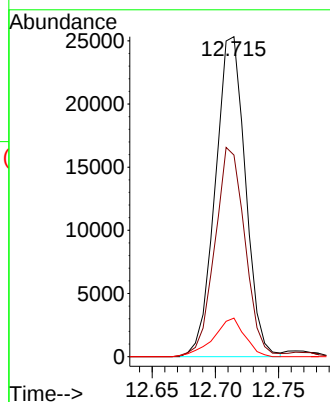
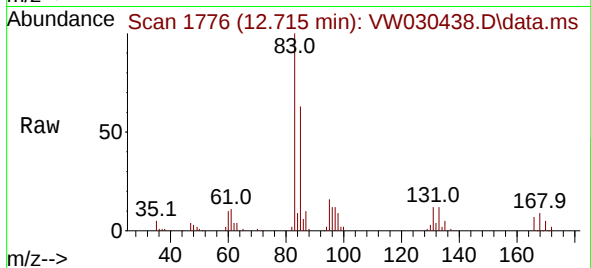




#57
1,1,2,2-Tetrachloroethane
Concen: 23.427 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

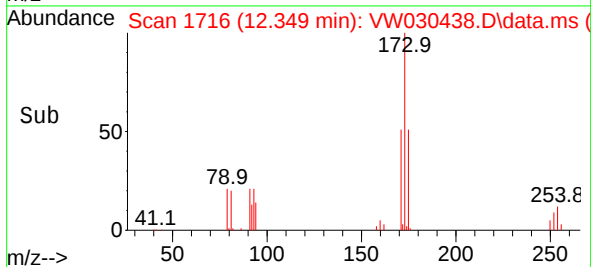
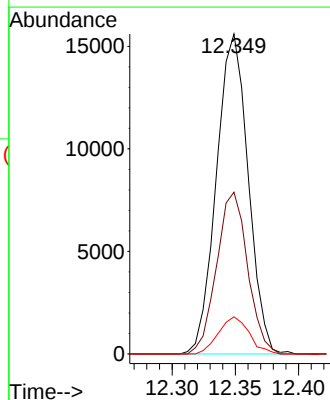
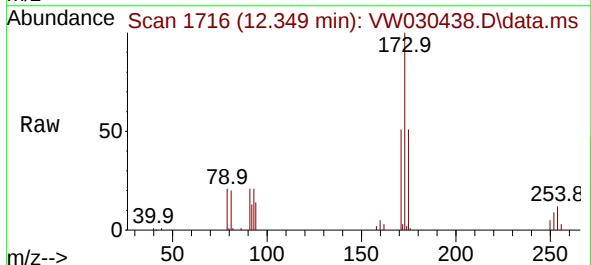
Instrument :
MSVOA_W
ClientSampleId :

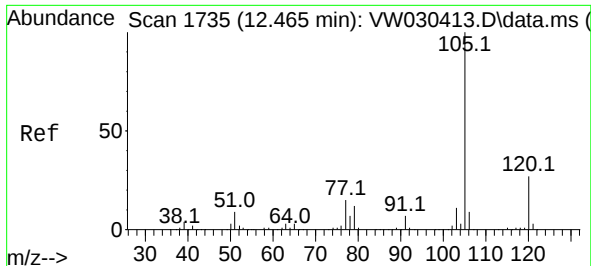
Tgt Ion: 83 Resp: 41917
Ion Ratio Lower Upper
83 100
85 63.0 43.9 81.5
131 12.1 7.1 10.7#



#59
Bromoform
Concen: 26.540 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Tgt Ion:173 Resp: 27211
Ion Ratio Lower Upper
173 100
175 49.3 38.7 58.1
254 11.2 7.4 11.2#





#60

Isopropylbenzene

Concen: 26.082 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

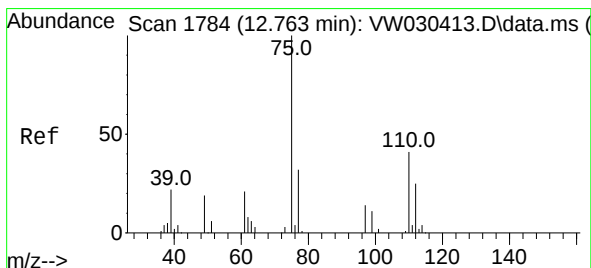
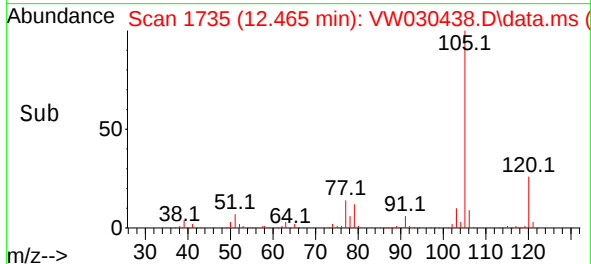
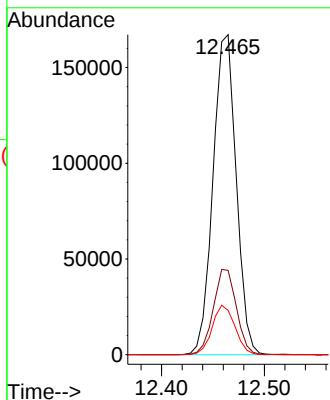
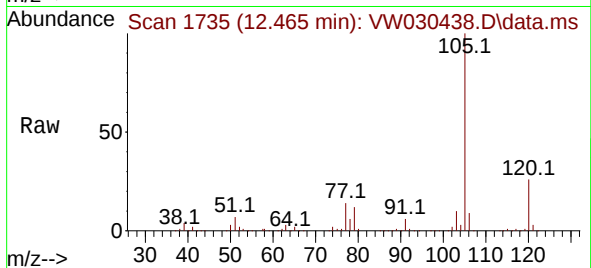
Tgt Ion:105 Resp: 261999

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 15.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 21.923 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

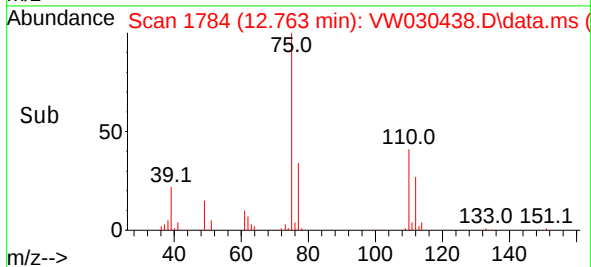
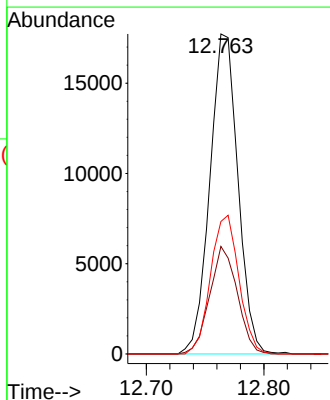
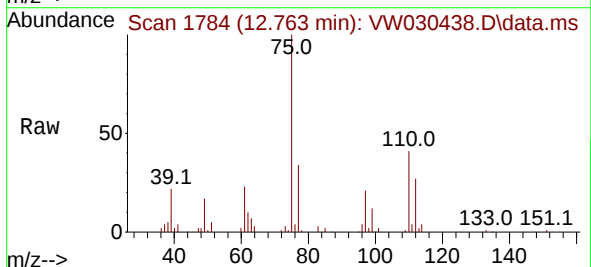
Tgt Ion: 75 Resp: 29495

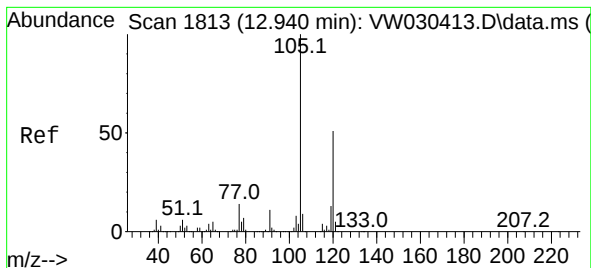
Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.2

110 43.6 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 26.812 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

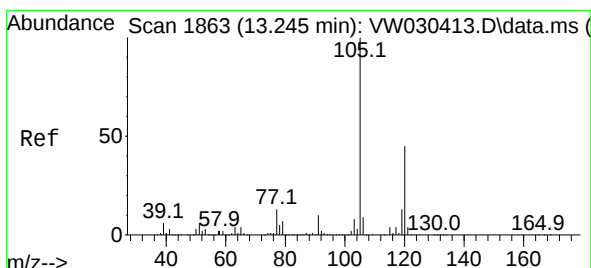
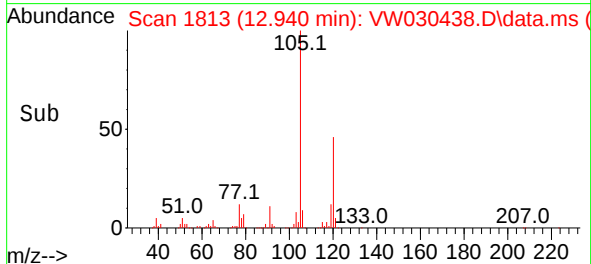
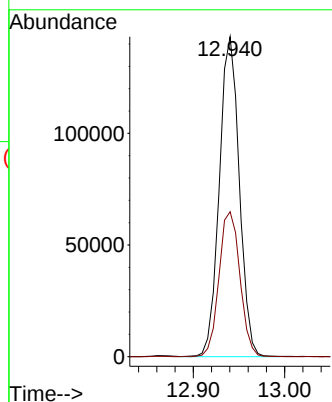
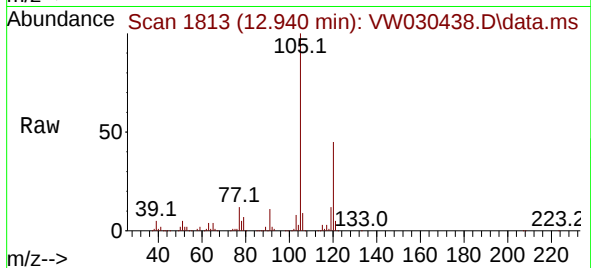
ClientSampleId :

Tgt Ion:105 Resp: 217850

Ion Ratio Lower Upper

105 100

120 47.5 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 26.961 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030438.D

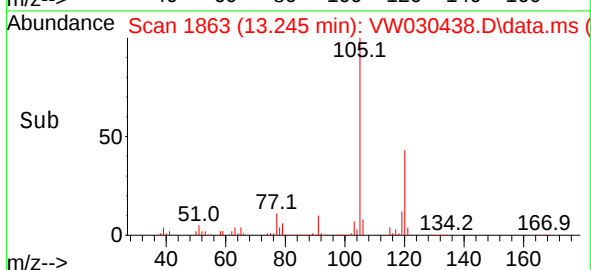
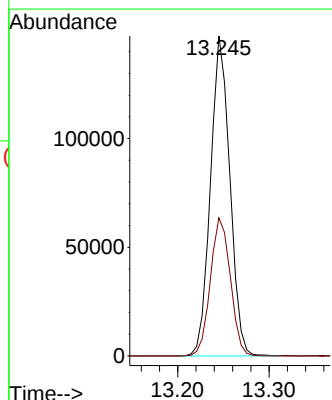
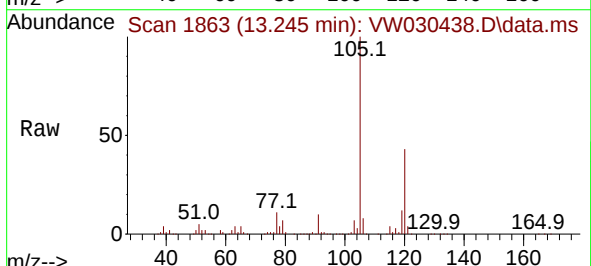
Acq: 08 Oct 2024 10:54

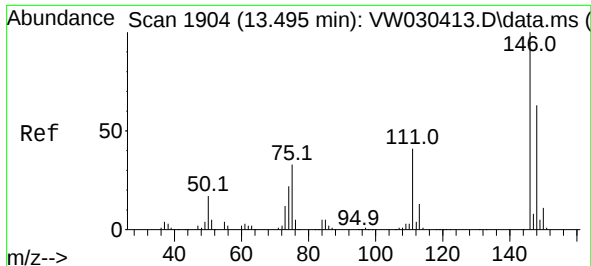
Tgt Ion:105 Resp: 216435

Ion Ratio Lower Upper

105 100

120 44.5 34.4 51.6

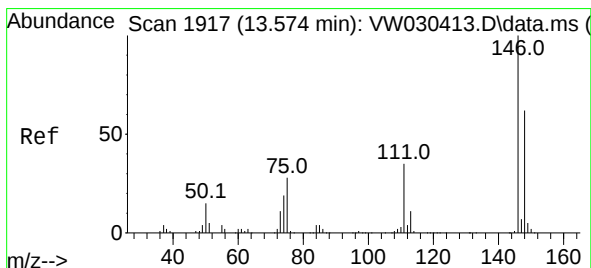
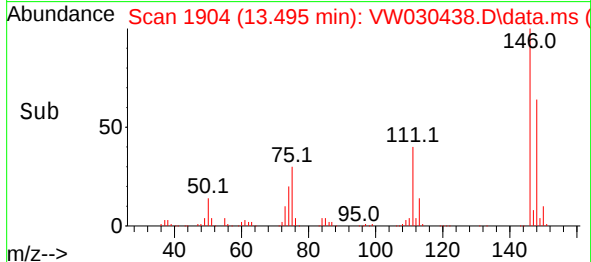
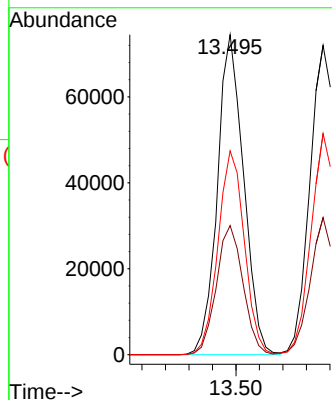
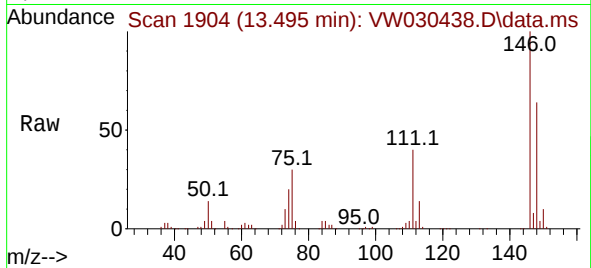




#64
1,3-Dichlorobenzene
Concen: 25.797 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

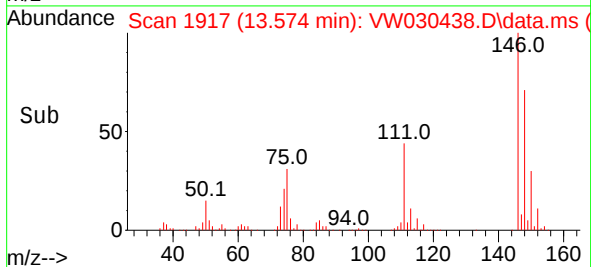
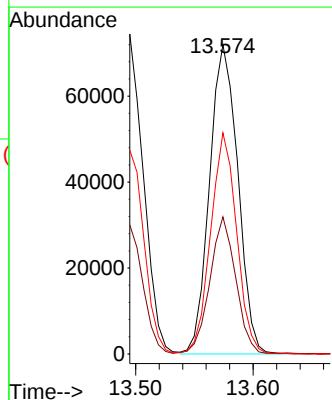
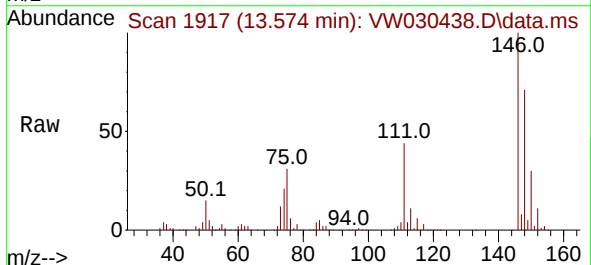
Instrument :
MSVOA_W
ClientSampleId :

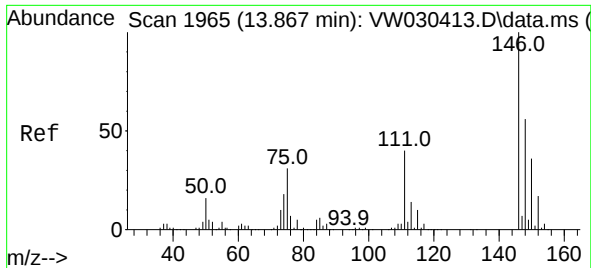
Tgt Ion:146 Resp: 115807
Ion Ratio Lower Upper
146 100
111 40.4 33.2 61.6
148 63.7 50.4 93.6



#65
1,4-Dichlorobenzene
Concen: 26.282 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Tgt Ion:146 Resp: 120529
Ion Ratio Lower Upper
146 100
111 44.3 29.1 54.1
148 71.5 42.1 78.1

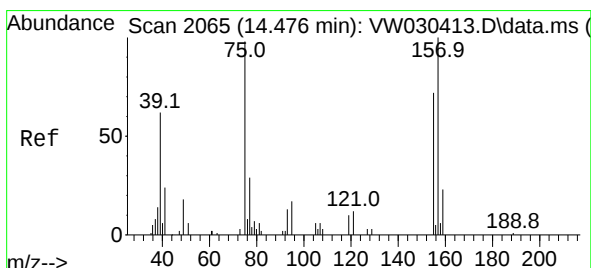
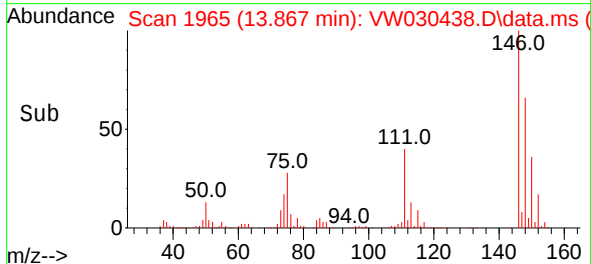
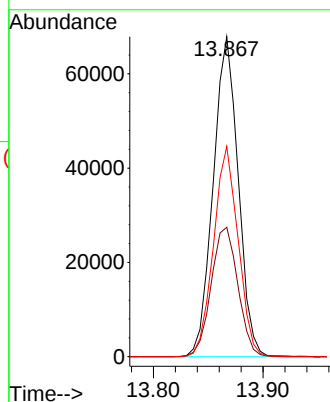
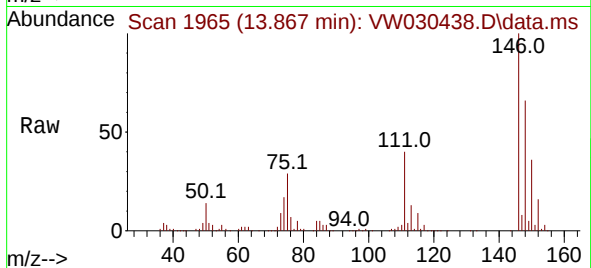




#67
1,2-Dichlorobenzene
Concen: 26.917 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

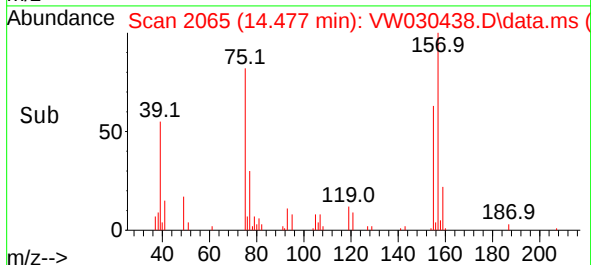
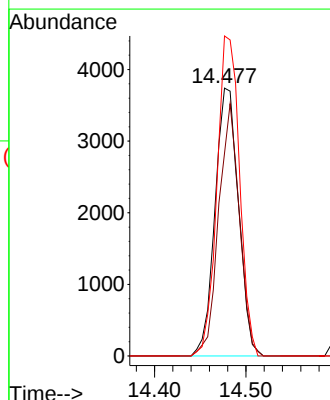
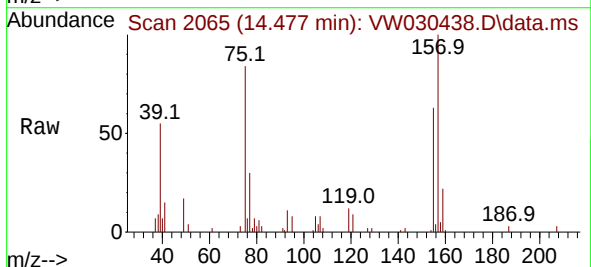
Instrument :
MSVOA_W
ClientSampleId :

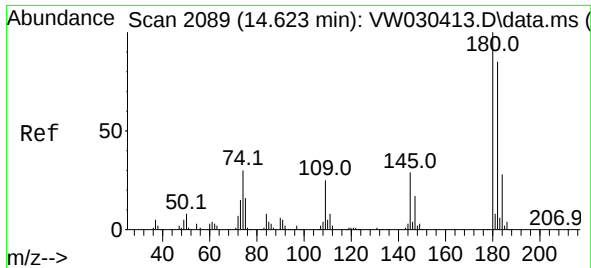
Tgt Ion:146 Resp: 107726
Ion Ratio Lower Upper
146 100
111 40.4 40.1 60.1
148 65.7 55.7 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 21.660 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030438.D
Acq: 08 Oct 2024 10:54

Tgt Ion: 75 Resp: 6677
Ion Ratio Lower Upper
75 100
155 75.7 60.1 90.1
157 119.5 74.3 111.5#





#69

1,3,5-Trichlorobenzene

Concen: 28.638 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

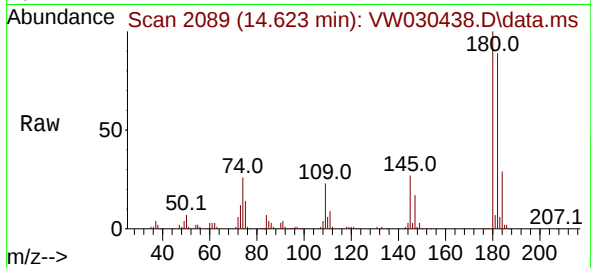
Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 88733

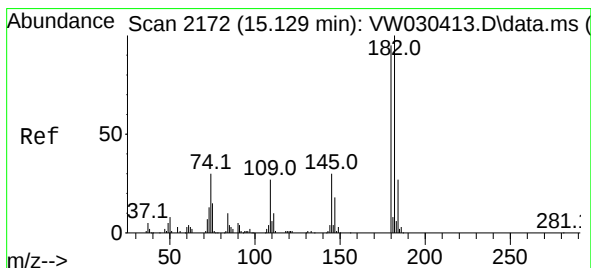
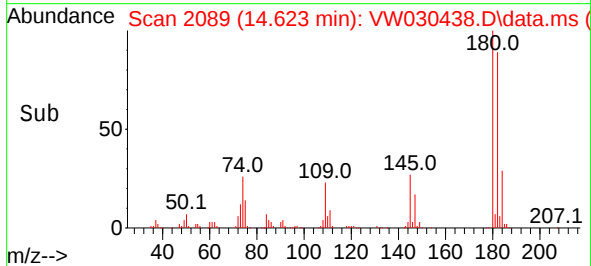
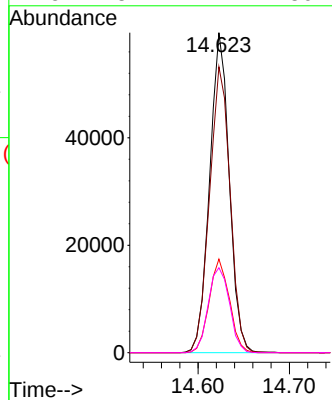
Ion Ratio Lower Upper

180 100

182 93.6 77.4 116.2

184 30.1 24.5 36.7

145 28.7 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 28.241 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

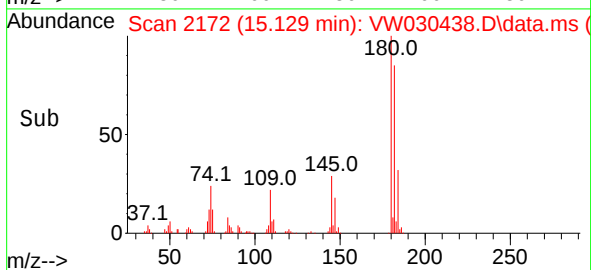
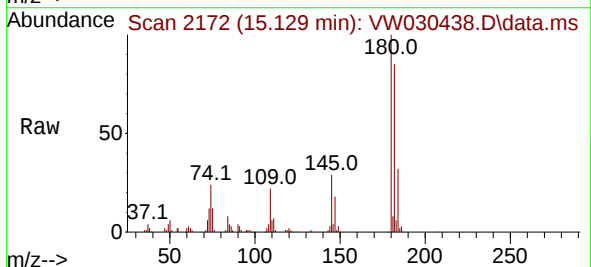
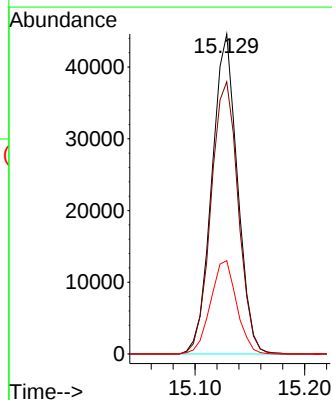
Tgt Ion:180 Resp: 72446

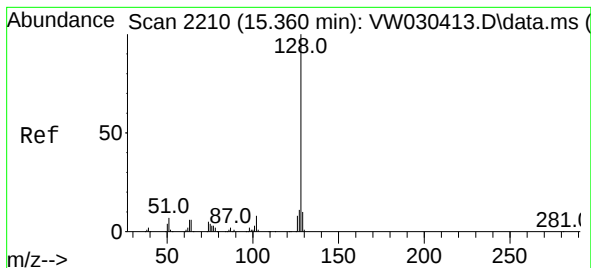
Ion Ratio Lower Upper

180 100

182 90.3 77.2 115.8

145 29.9 25.3 37.9





#71

Naphthalene

Concen: 26.501 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Instrument :

MSVOA_W

ClientSampleId :

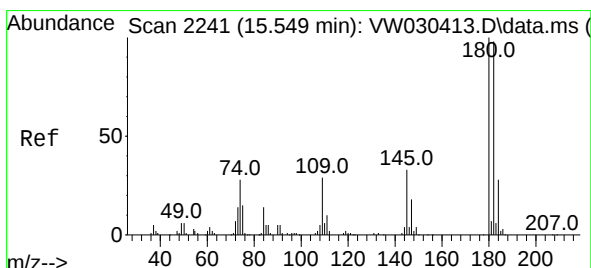
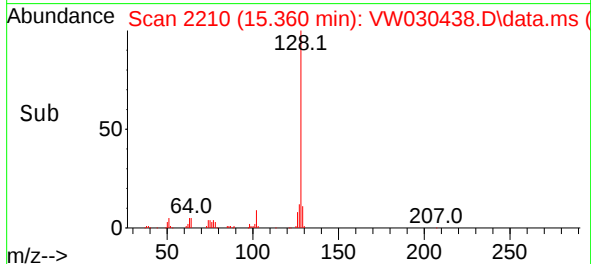
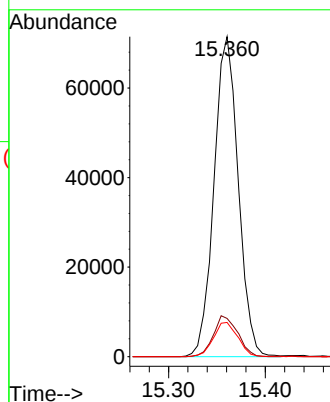
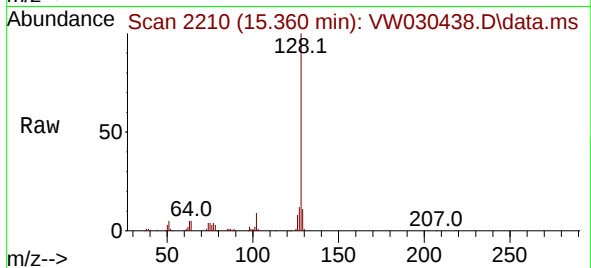
Tgt Ion:128 Resp: 124351

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 28.666 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030438.D

Acq: 08 Oct 2024 10:54

Tgt Ion:180 Resp: 64368

Ion Ratio Lower Upper

180 100

182 92.4 75.6 113.4

145 32.2 25.6 38.4

