

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030258.D
 Acq On : 26 Sep 2024 14:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 04:34:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:25:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	189744	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	172959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	86023	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	57024	22.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.080%
7) Chloroethane-d5	2.899	69	42656	22.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	4.027	65	29628	23.362	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.440%
21) 2-Butanone-d5	7.081	46	29582	48.254	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.500%
24) Chloroform-d	7.648	84	132618	23.605	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	8.306	65	70118	24.468	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.880%
32) Benzene-d6	8.276	84	264446	24.204	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	9.276	67	79833	23.601	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.400%
41) Toluene-d8	10.318	98	237778	24.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.960%
43) trans-1,3-Dichloroprop...	10.574	79	32408	25.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.120%
47) 2-Hexanone-d5	10.922	63	24845	52.472	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56519	24.462	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	74606	24.922	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	44478	21.791	ug/L	96
3) Chloromethane	2.228	50	67701	23.227	ug/L	98
5) Vinyl chloride	2.375	62	65595	22.337	ug/L	96
6) Bromomethane	2.789	94	39535	22.192	ug/L	98
8) Chloroethane	2.942	64	35994	20.943	ug/L	93
9) Trichlorofluoromethane	3.265	101	60463	23.301	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	50881	19.843	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	54729	22.640	ug/L	97
13) Acetone	4.124	43	43190	49.421	ug/L	99
14) Carbon disulfide	4.392	76	197884	22.801	ug/L	99
15) Methyl Acetate	4.679	43	26694	22.177	ug/L	100
16) Methylene chloride	4.917	84	61544	21.175	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	63883	23.304	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	94763	25.230	ug/L	97
19) 1,1-Dichloroethane	6.215	63	128421	23.235	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	68999	23.505	ug/L	98
22) 2-Butanone	7.172	43	51196	51.501	ug/L	100
23) Bromochloromethane	7.514	128	28022	23.398	ug/L	95
25) Chloroform	7.678	83	127176	23.648	ug/L	99

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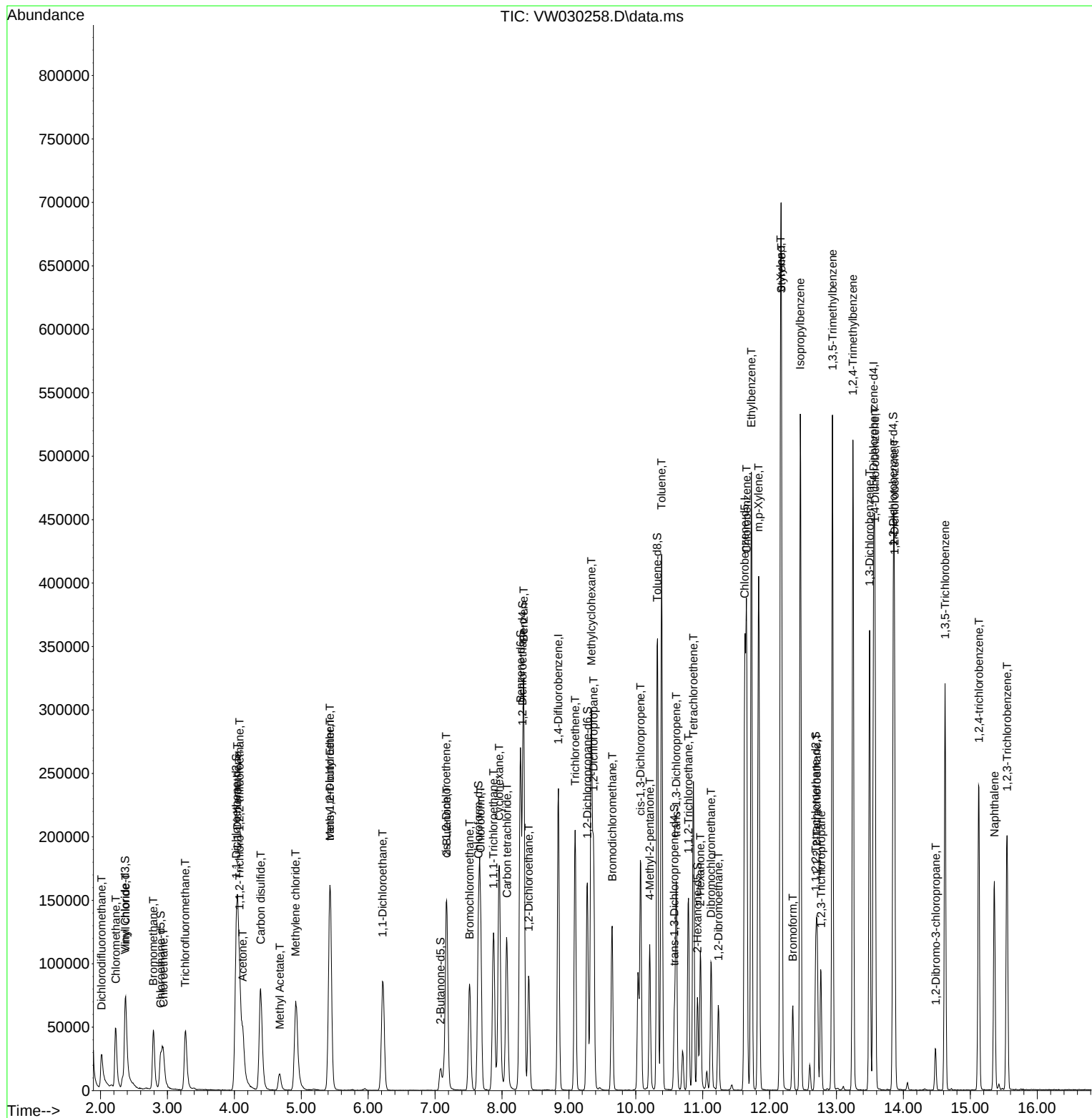
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82394	23.660	ug/L	98
29) Cyclohexane	7.959	56	106846	24.278	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	103120	24.085	ug/L	98
31) Carbon tetrachloride	8.075	117	94203	24.286	ug/L	99
33) Benzene	8.325	78	278361	23.486	ug/L	100
34) Trichloroethene	9.093	95	72841	23.692	ug/L	94
35) Methylcyclohexane	9.337	83	118957	24.605	ug/L	99
37) 1,2-Dichloropropane	9.367	63	73108	23.272	ug/L	99
38) Bromodichloromethane	9.648	83	87953	24.039	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	108295	24.277	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	73196	47.233	ug/L	98
42) Toluene	10.385	91	300255	24.547	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	91213	25.165	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	47196	23.582	ug/L	90
46) Tetrachloroethene	10.861	164	51049	23.743	ug/L	92
48) 2-Hexanone	10.964	43	70062	53.761	ug/L	99
49) Dibromochloromethane	11.123	129	53825	25.059	ug/L	99
50) 1,2-Dibromoethane	11.233	107	44965	23.911	ug/L #	96
51) Chlorobenzene	11.653	112	181369	24.116	ug/L	96
52) Ethylbenzene	11.727	91	338238	24.467	ug/L	97
53) m,p-Xylene	11.836	106	126283	25.209	ug/L	99
54) o-Xylene	12.165	106	120061	25.516	ug/L	93
55) Styrene	12.178	104	200931	25.366	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	56771	23.968	ug/L	98
59) Bromoform	12.348	173	29527	24.653	ug/L	97
60) Isopropylbenzene	12.458	105	331669	25.239	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	40244	23.801	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	266886	26.094	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	265038	26.425	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	138983	24.864	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	139521	24.394	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	118588	24.353	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	8600	23.100	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.622	180	84352	23.106	ug/L	91
70) 1,2,4-trichlorobenzene	15.128	180	71578	24.212	ug/L	99
71) Naphthalene	15.360	128	135488	26.405	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	64349	24.960	ug/L	97

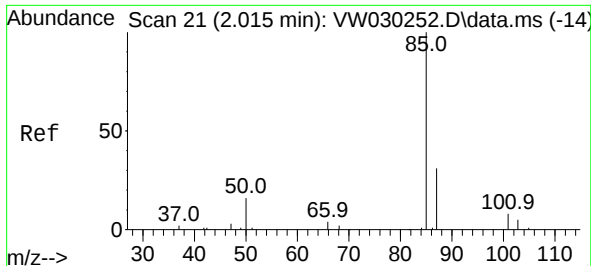
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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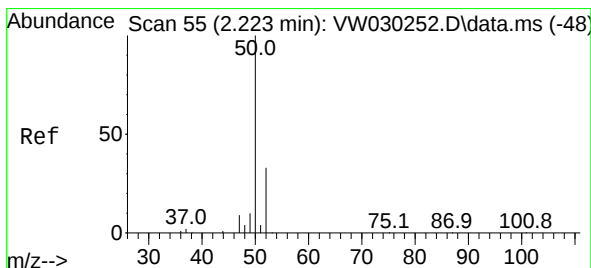
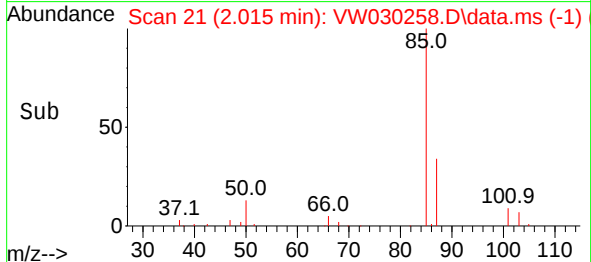
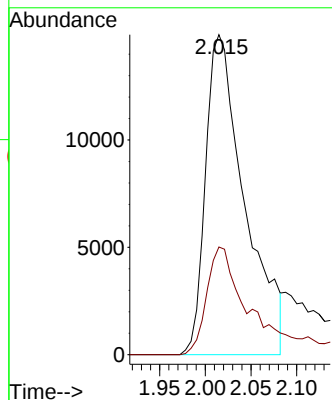
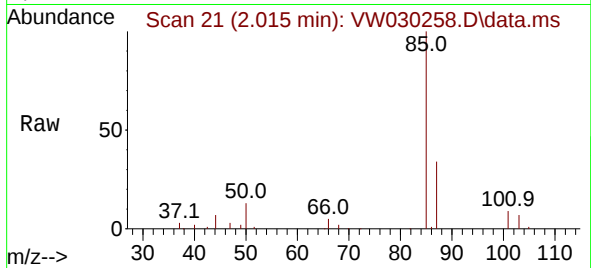




#2
 Dichlorodifluoromethane
 Concen: 21.791 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030258.D
 Acq: 26 Sep 2024 14:18

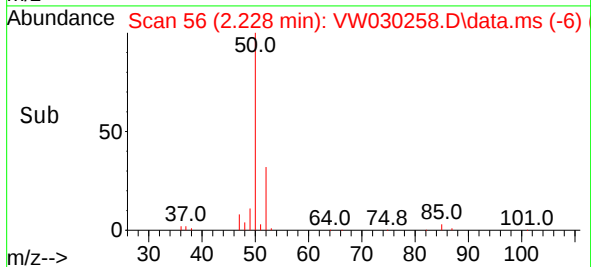
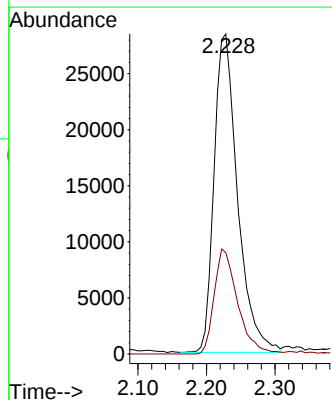
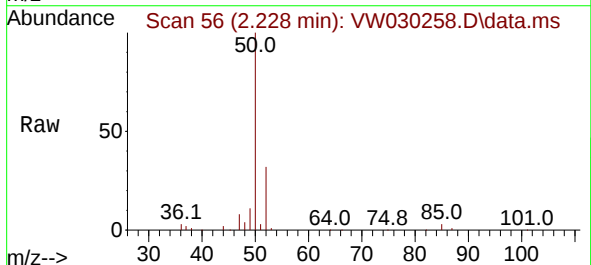
Instrument :
 MSVOA_W
 ClientSampleId :

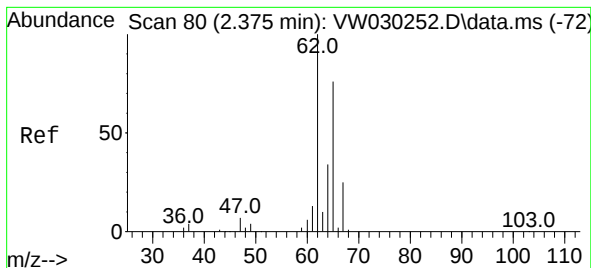
Tgt Ion: 85 Resp: 44478
 Ion Ratio Lower Upper
 85 100
 87 25.8 22.2 33.4



#3
 Chloromethane
 Concen: 23.227 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030258.D
 Acq: 26 Sep 2024 14:18

Tgt Ion: 50 Resp: 67701
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.0 42.6





#5

Vinyl chloride

Concen: 22.337 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

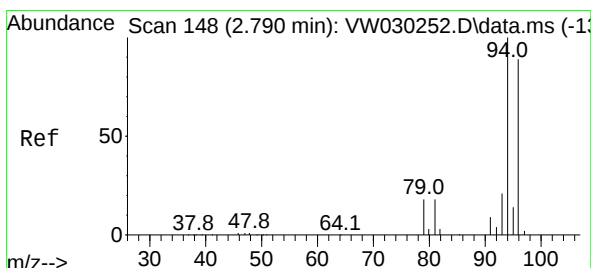
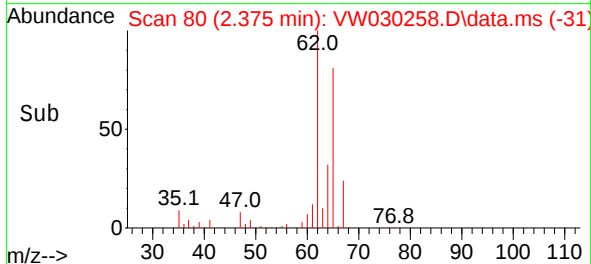
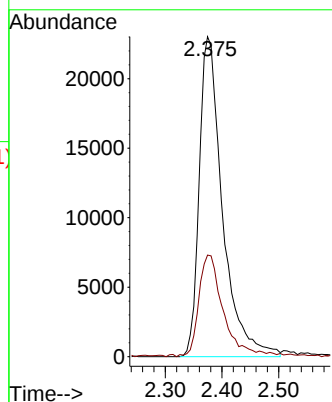
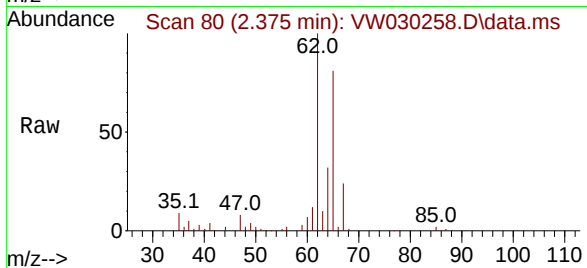
ClientSampleId :

Tgt Ion: 62 Resp: 65595

Ion Ratio Lower Upper

62 100

64 31.7 23.7 44.1



#6

Bromomethane

Concen: 22.192 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW030258.D

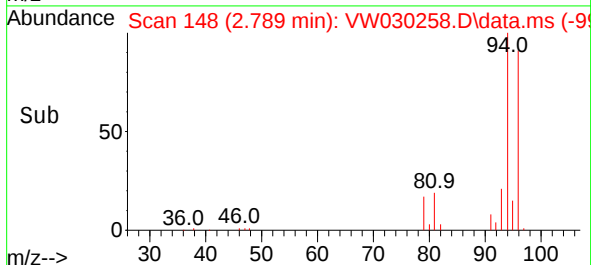
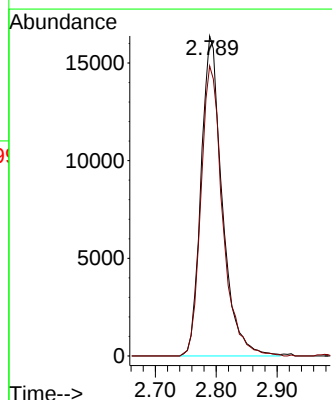
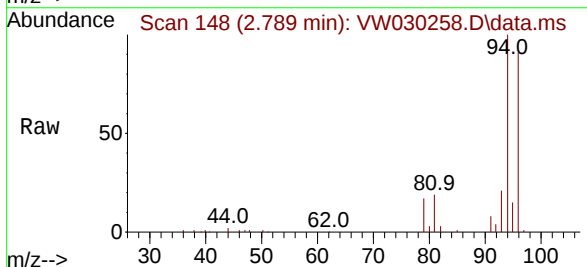
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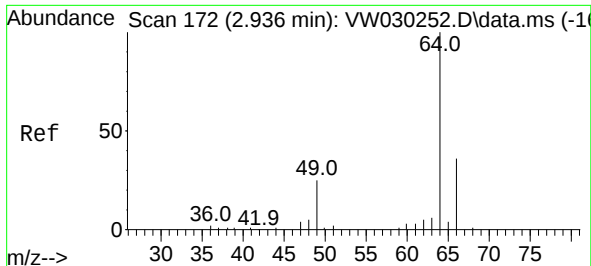
Tgt Ion: 94 Resp: 39535

Ion Ratio Lower Upper

94 100

96 90.6 62.0 115.2

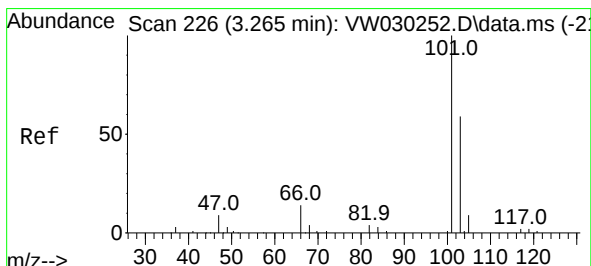
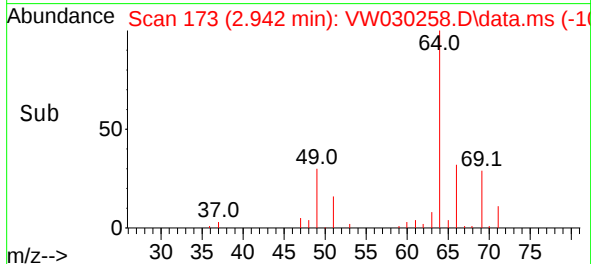
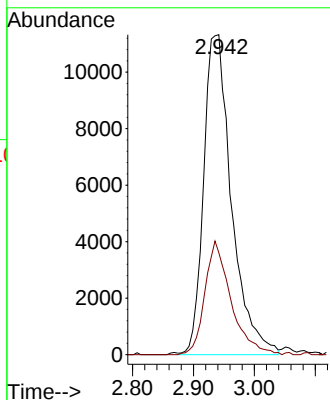
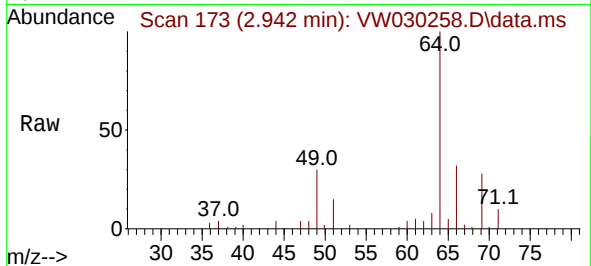




#8
Chloroethane
Concen: 20.943 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

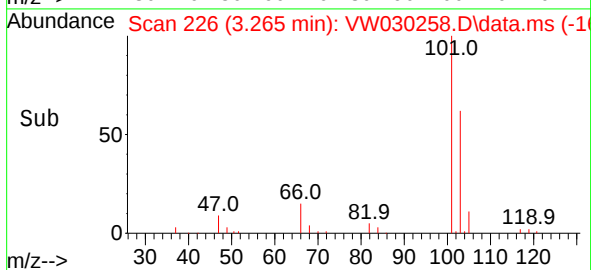
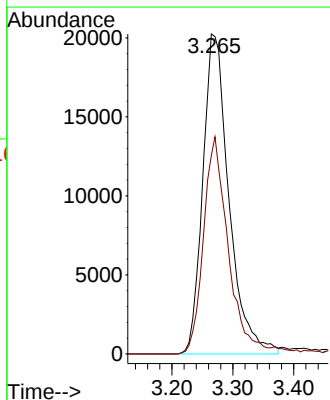
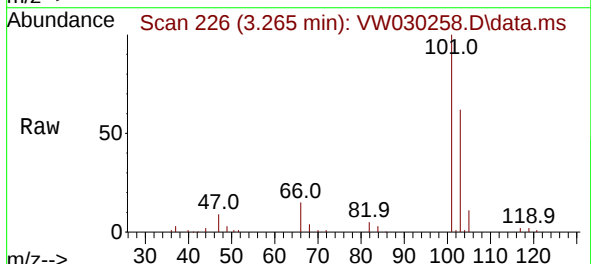
Instrument :
MSVOA_W
ClientSampleId :

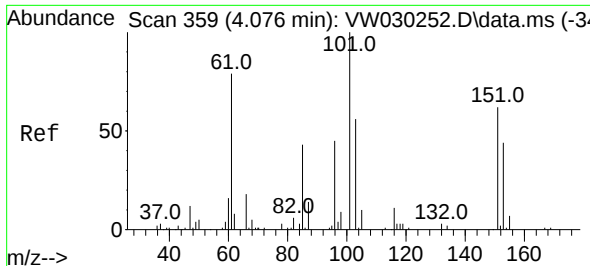
Tgt Ion: 64 Resp: 35994
Ion Ratio Lower Upper
64 100
66 31.9 25.0 46.4



#9
Trichlorofluoromethane
Concen: 23.301 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

Tgt Ion:101 Resp: 60463
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3





#10

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

Concen: 19.843 ug/L

RT: 4.075 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

ClientSampleId :

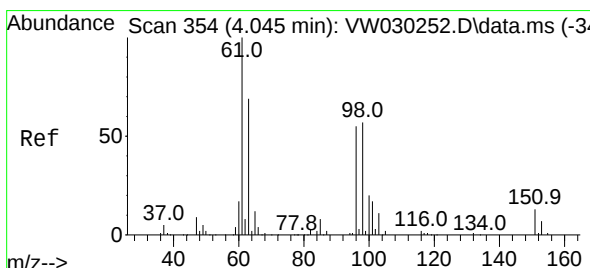
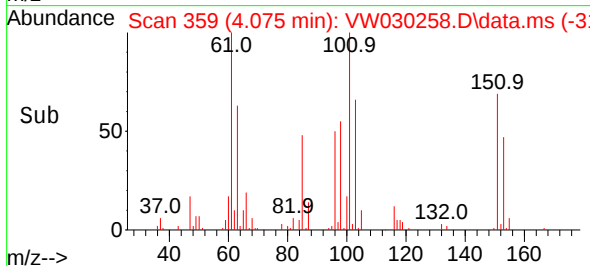
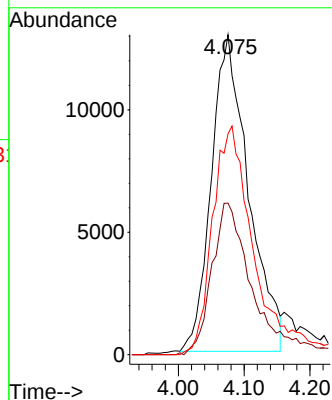
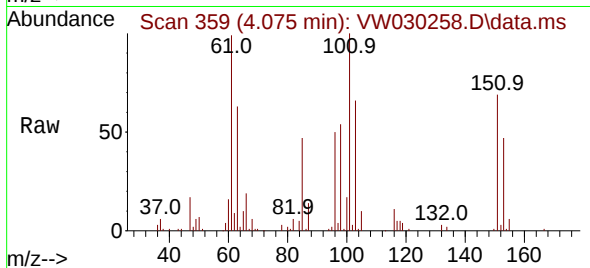
Tgt Ion:101 Resp: 50881

Ion Ratio Lower Upper

101 100

85 50.2 38.6 57.8

151 75.3 33.8 50.8#



#12

1,1-Dichloroethene

Concen: 22.640 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

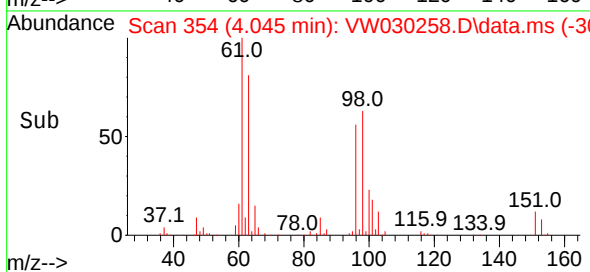
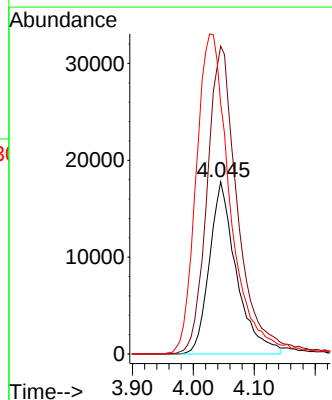
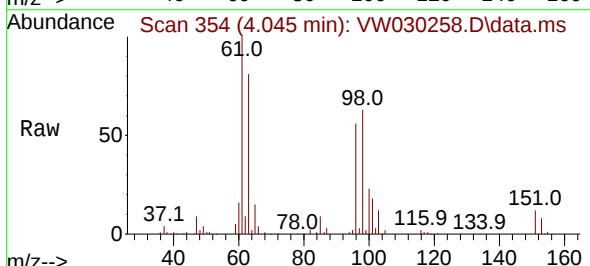
Tgt Ion: 96 Resp: 54729

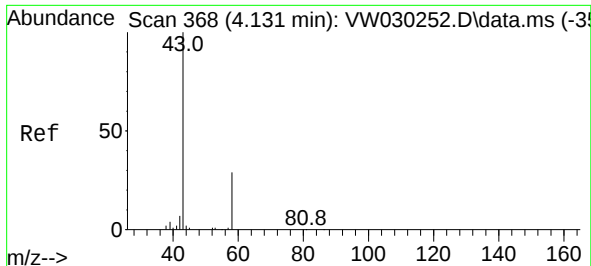
Ion Ratio Lower Upper

96 100

61 178.8 129.4 240.2

63 145.4 100.0 185.8

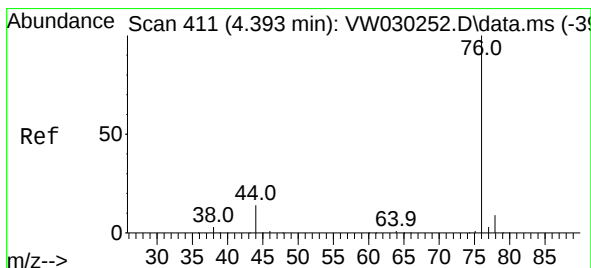
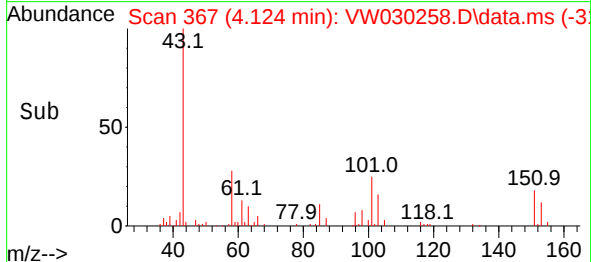
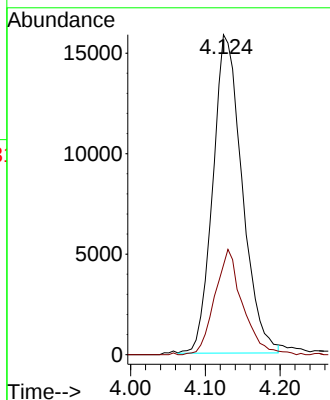
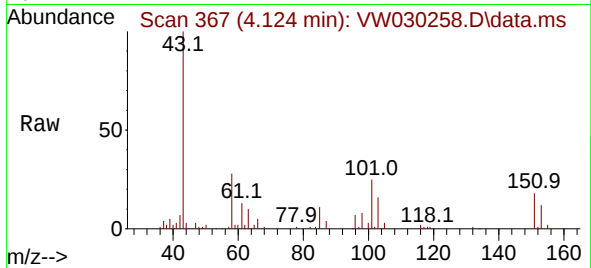




#13
Acetone
Concen: 49.421 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.007 min
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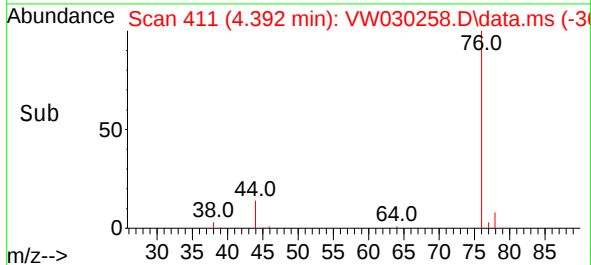
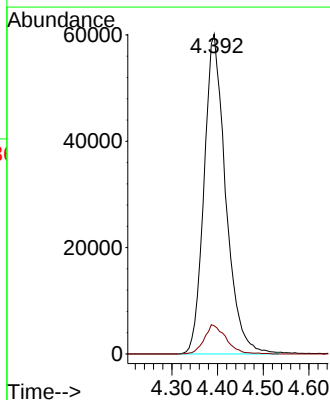
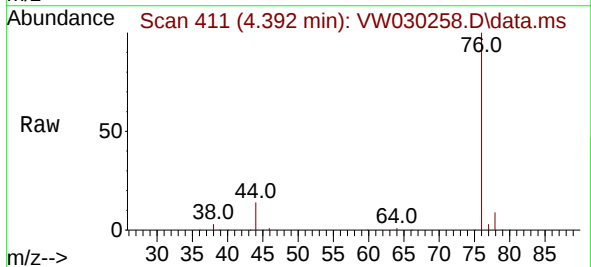
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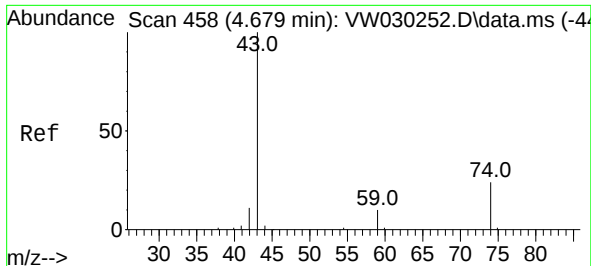
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Ion Ratio Lower Upper
43 100
58 31.4 0.0 62.0



#14
Carbon disulfide
Concen: 22.801 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

Tgt Ion: 76 Resp: 197884
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

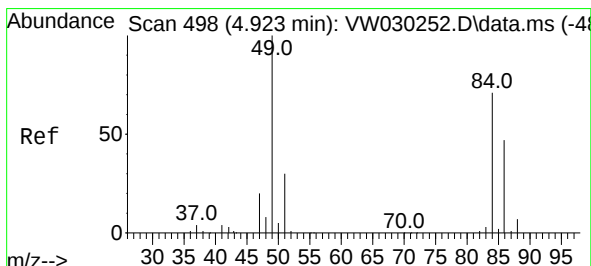
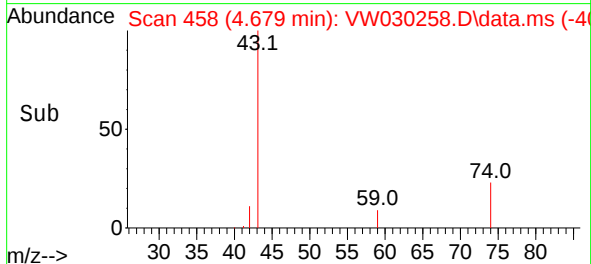
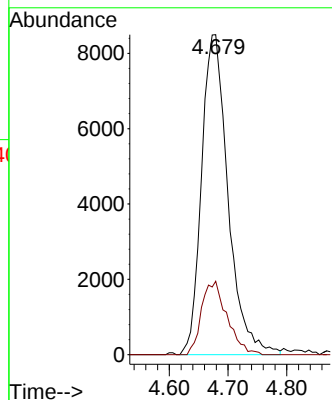
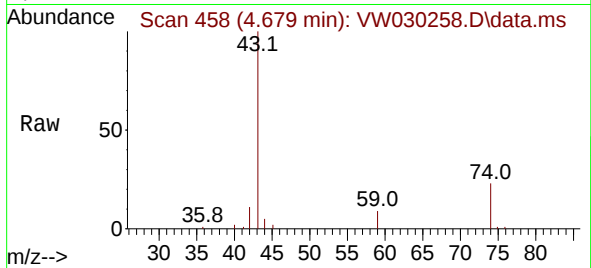




#15
Methyl Acetate
Concen: 22.177 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

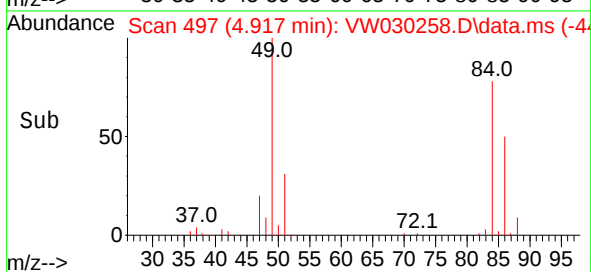
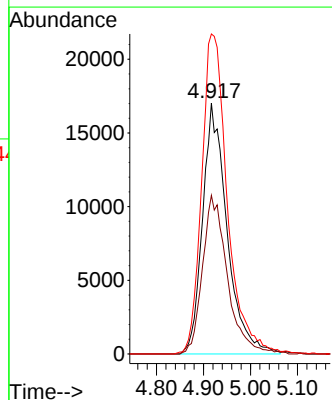
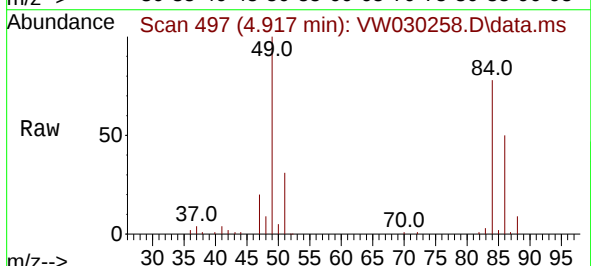
Instrument :
MSVOA_W
ClientSampleId :

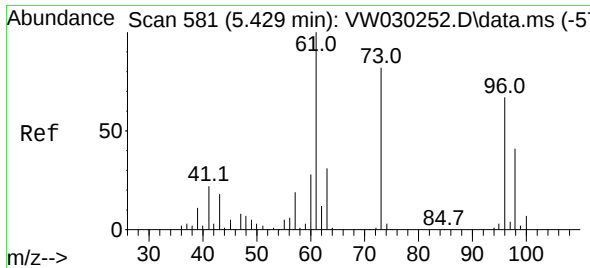
Tgt Ion: 43 Resp: 26694
Ion Ratio Lower Upper
43 100
74 21.7 17.3 25.9



#16
Methylene chloride
Concen: 21.175 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.007 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

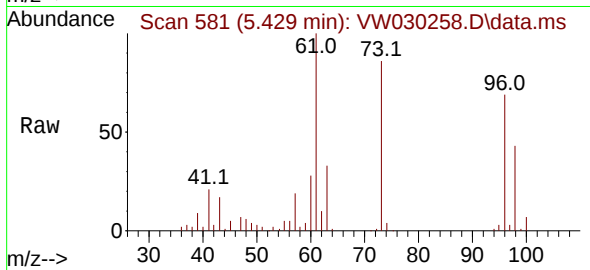
Tgt Ion: 84 Resp: 61544
Ion Ratio Lower Upper
84 100
86 63.2 46.7 86.7
49 127.6 98.8 183.6





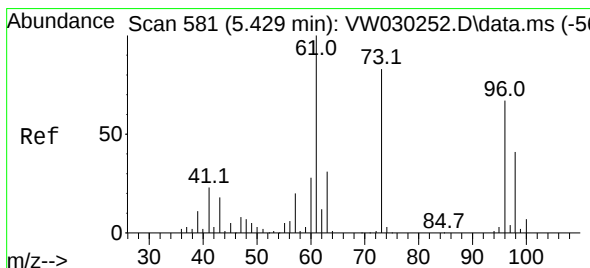
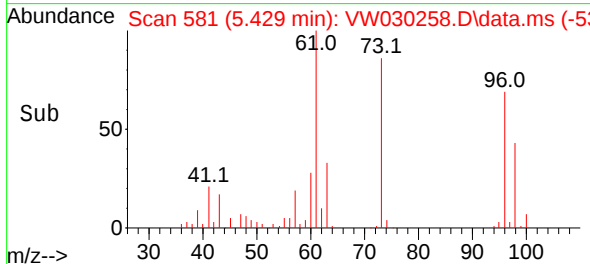
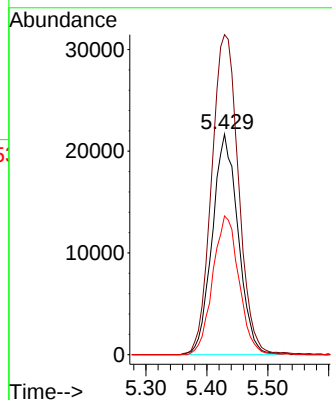
#17
trans-1,2-Dichloroethene
Concen: 23.304 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 63883

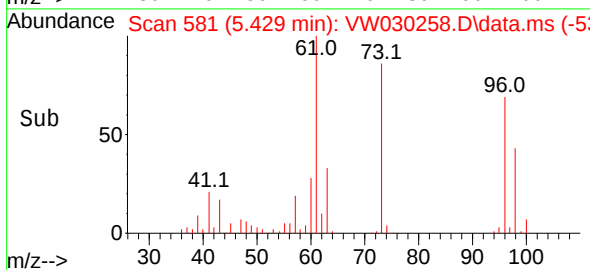
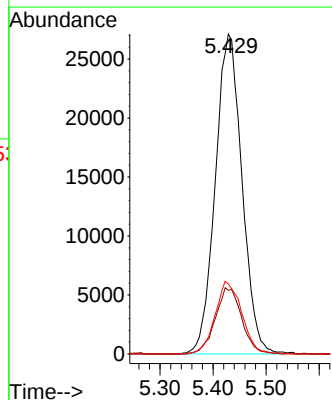
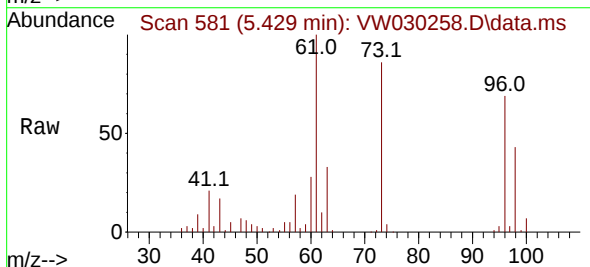
Ion	Ratio	Lower	Upper
96	100		
61	145.1	104.3	193.7
98	62.9	42.6	79.0

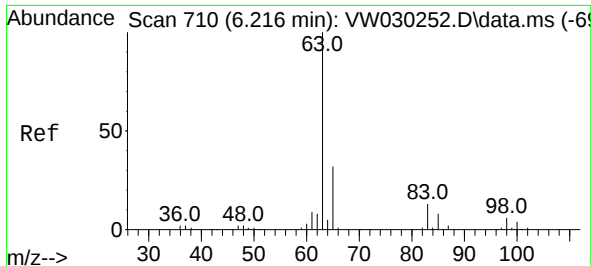


#18
Methyl tert-butyl Ether
Concen: 25.230 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

Tgt Ion: 73 Resp: 94763

Ion	Ratio	Lower	Upper
73	100		
43	20.5	17.4	26.2
57	22.6	19.0	28.6





#19

1,1-Dichloroethane

Concen: 23.235 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

ClientSampleId :

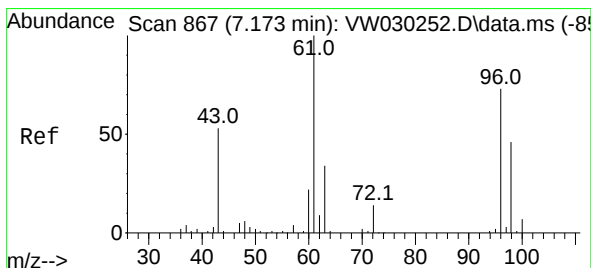
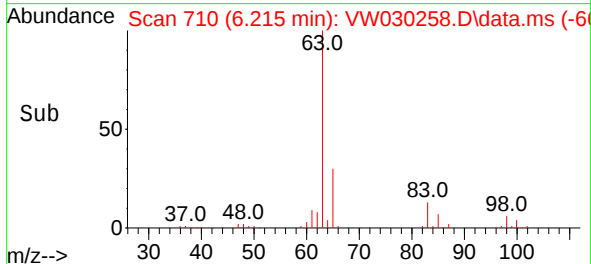
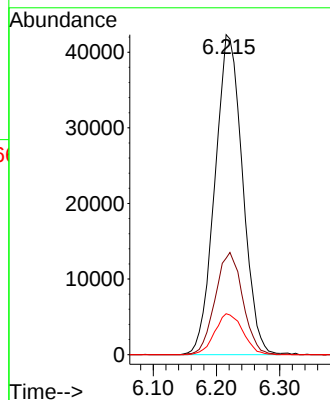
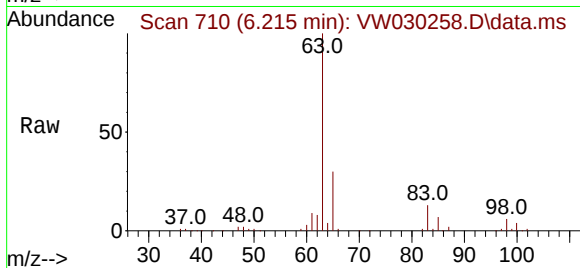
Tgt Ion: 63 Resp: 128421

Ion Ratio Lower Upper

63 100

65 30.1 22.0 41.0

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.505 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.007 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

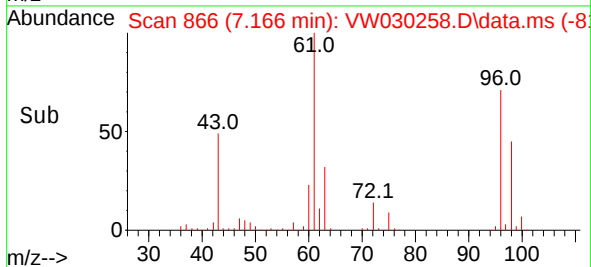
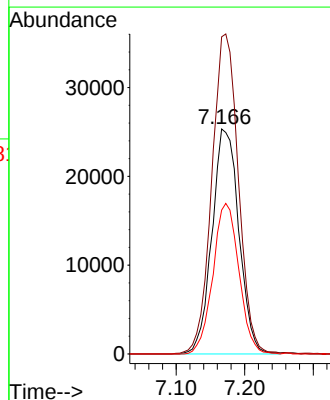
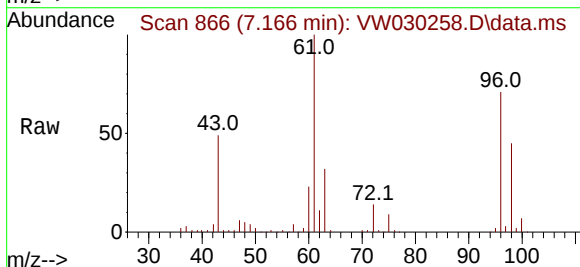
Tgt Ion: 96 Resp: 68999

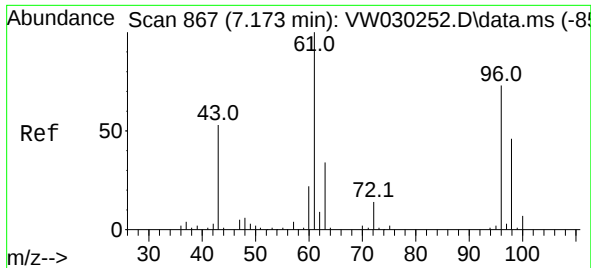
Ion Ratio Lower Upper

96 100

61 141.0 96.8 179.8

98 63.9 44.6 82.8

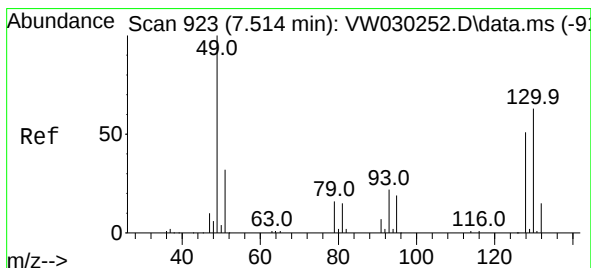
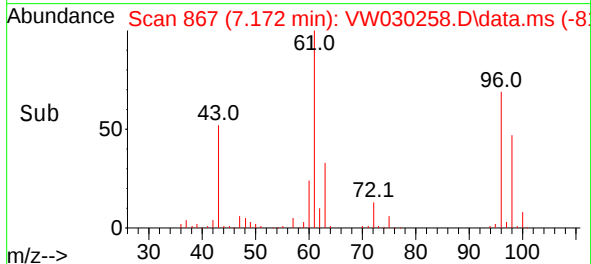
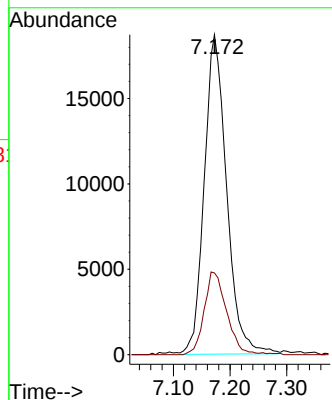
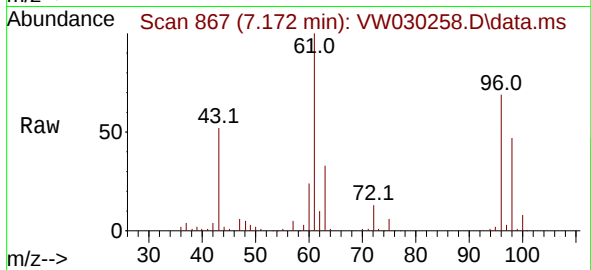




#22
2-Butanone
Concen: 51.501 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

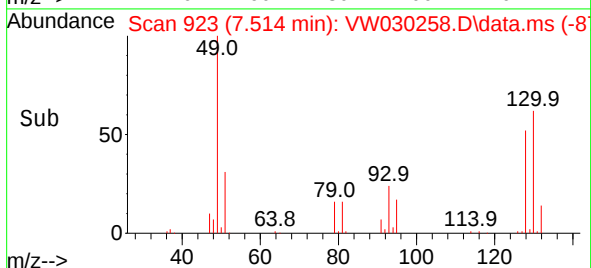
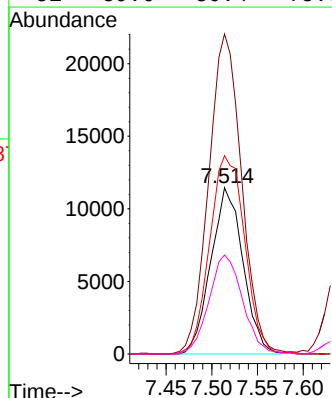
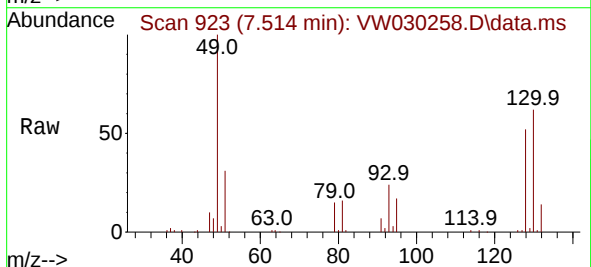
Instrument :
MSVOA_W
ClientSampleId :

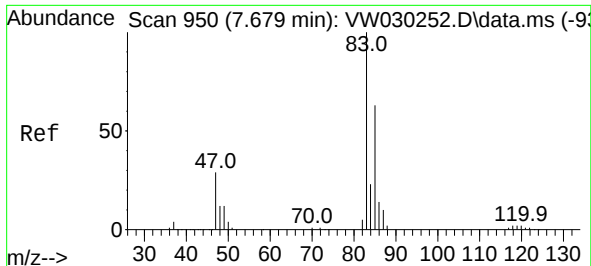
Tgt Ion: 43 Resp: 51196
Ion Ratio Lower Upper
43 100
72 25.8 13.0 39.0



#23
Bromochloromethane
Concen: 23.398 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

Tgt Ion:128 Resp: 28022
Ion Ratio Lower Upper
128 100
49 192.5 139.9 259.7
130 119.2 87.2 161.9
51 59.6 50.4 75.6





#25

Chloroform

Concen: 23.648 ug/L

RT: 7.678 min Scan# 950

Delta R.T. -0.001 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

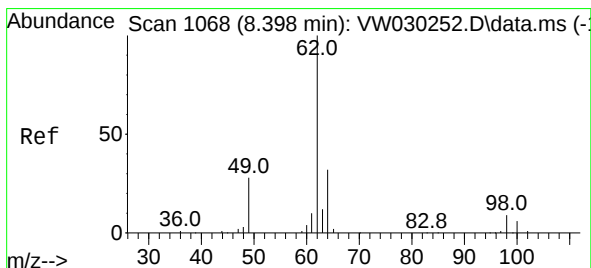
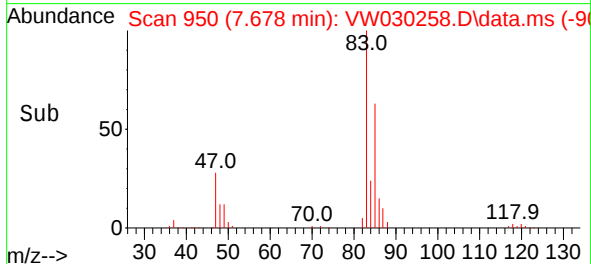
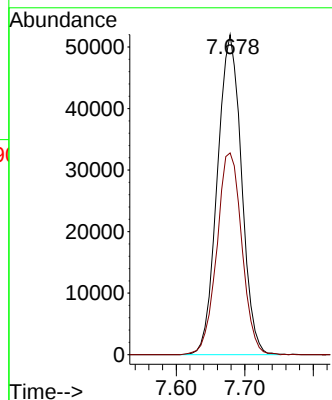
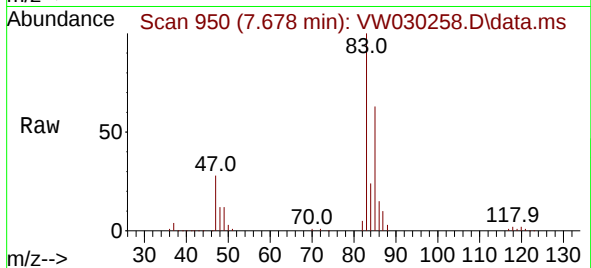
ClientSampleId :

Tgt Ion: 83 Resp: 127176

Ion Ratio Lower Upper

83 100

85 63.1 43.8 81.4



#27

1,2-Dichloroethane

Concen: 23.660 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030258.D

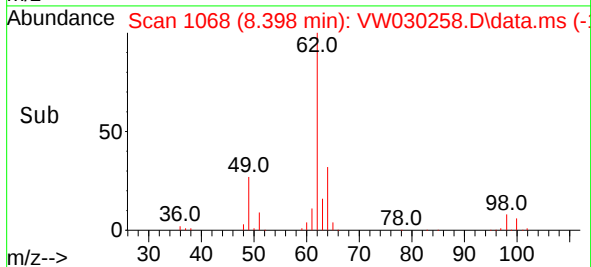
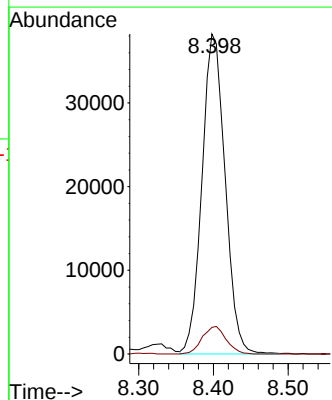
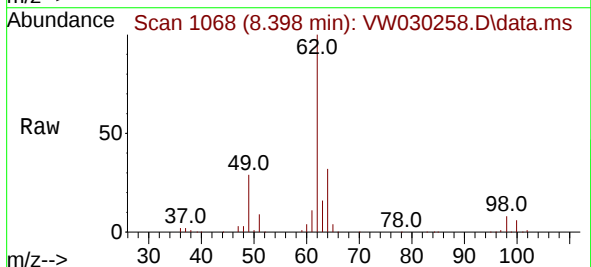
Acq: 26 Sep 2024 14:18

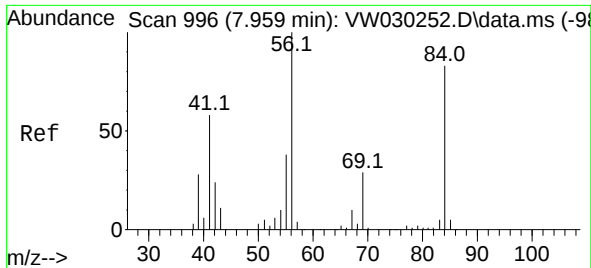
Tgt Ion: 62 Resp: 82394

Ion Ratio Lower Upper

62 100

98 8.3 7.4 11.0





#29

Cyclohexane

Concen: 24.278 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

ClientSampleId :

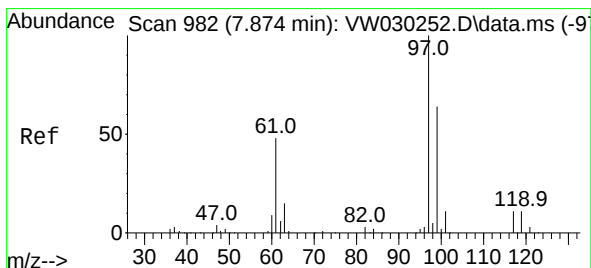
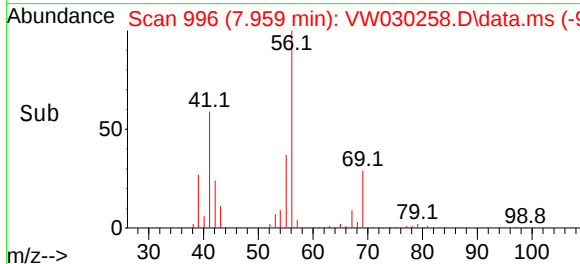
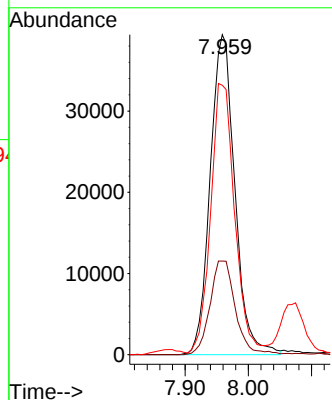
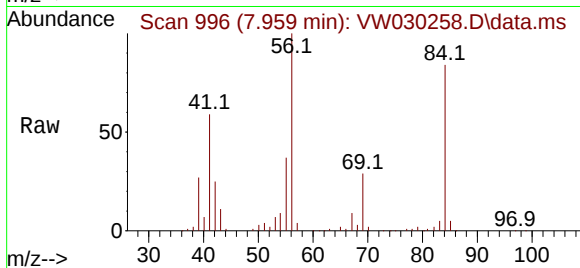
Tgt Ion: 56 Resp: 106846

Ion Ratio Lower Upper

56 100

69 30.0 23.4 35.0

84 82.5 65.2 97.8



#30

1,1,1-Trichloroethane

Concen: 24.085 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

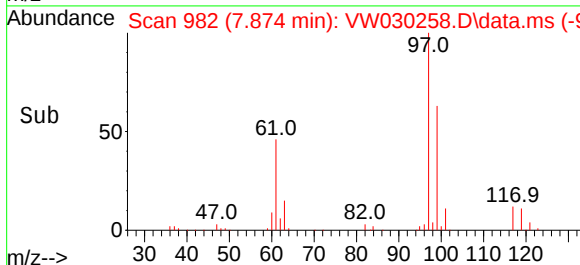
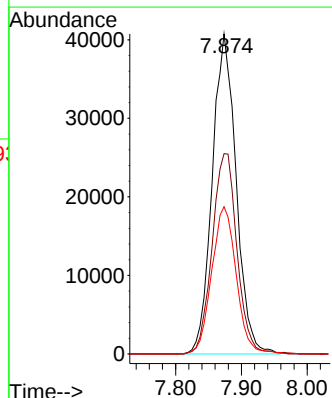
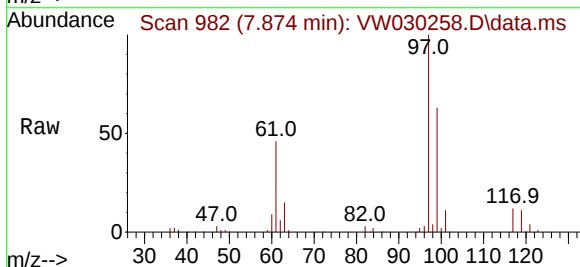
Tgt Ion: 97 Resp: 103120

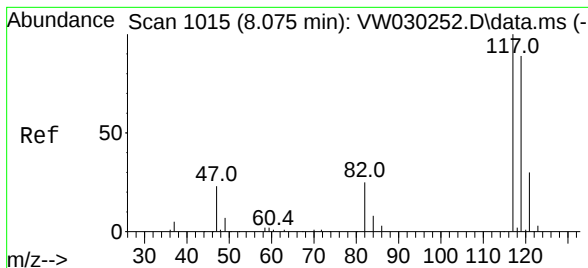
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 47.4 38.8 58.2

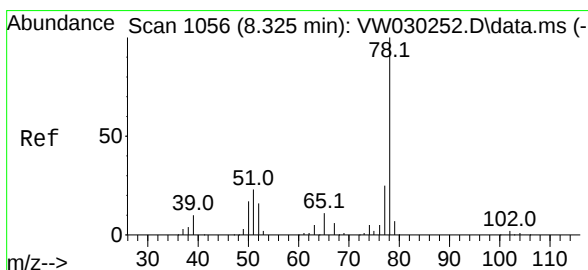
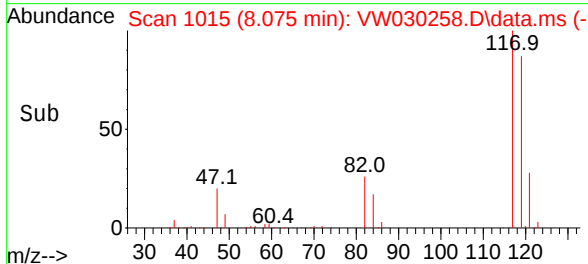
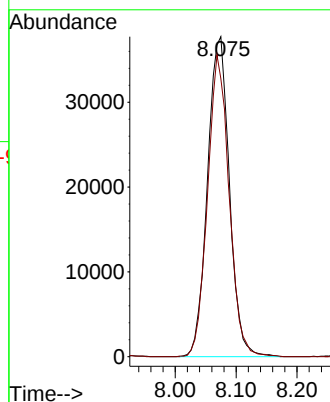
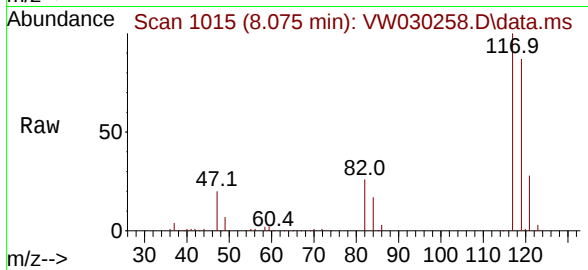




#31
Carbon tetrachloride
Concen: 24.286 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

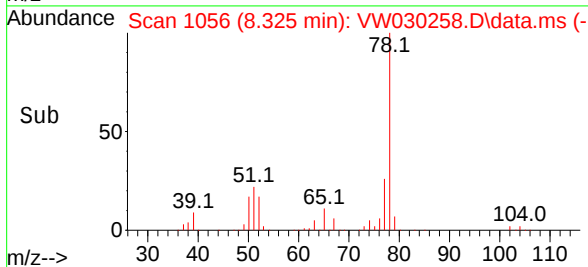
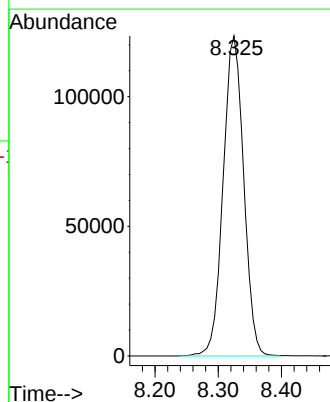
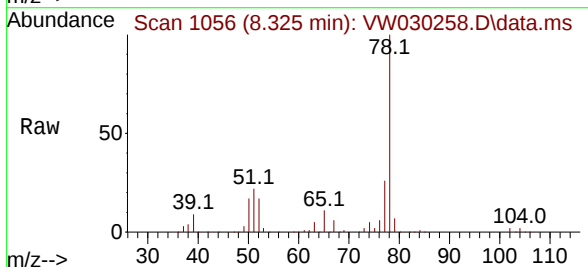
Instrument :
MSVOA_W
ClientSampleId :

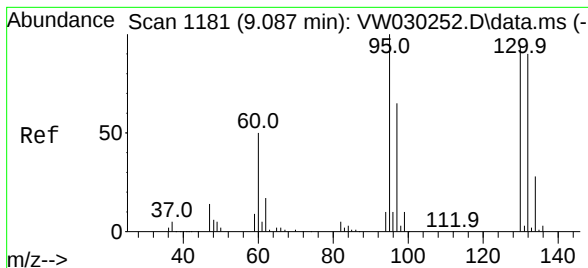
Tgt Ion:117 Resp: 94203
Ion Ratio Lower Upper
117 100
119 92.9 73.8 110.6



#33
Benzene
Concen: 23.486 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

Tgt Ion: 78 Resp: 278361





#34

Trichloroethene

Concen: 23.692 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 72841

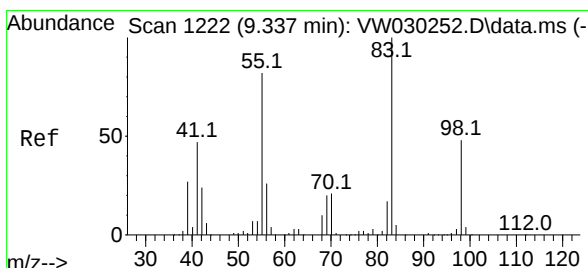
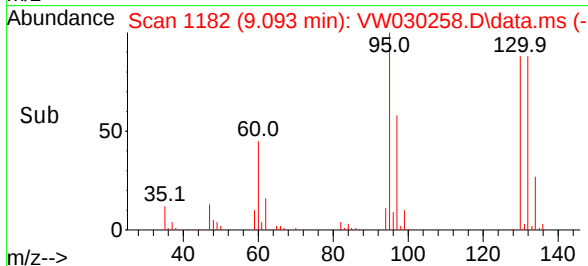
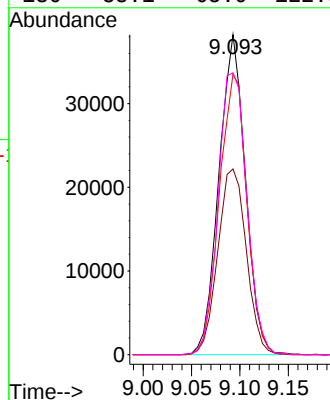
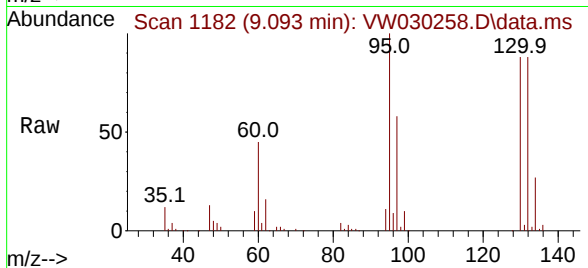
Ion Ratio Lower Upper

95 100

97 58.1 45.6 84.8

132 87.6 63.0 117.0

130 88.1 65.9 122.5



#35

Methylcyclohexane

Concen: 24.605 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

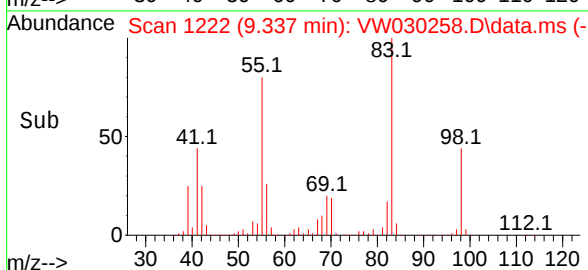
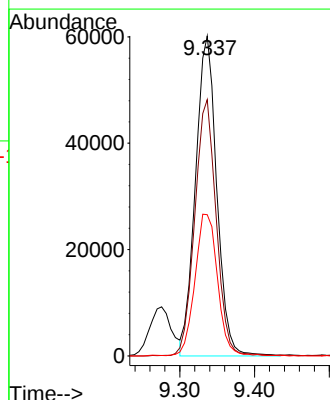
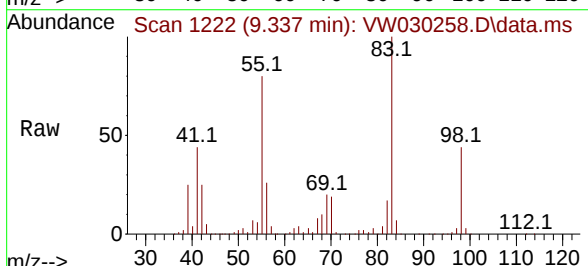
Tgt Ion: 83 Resp: 118957

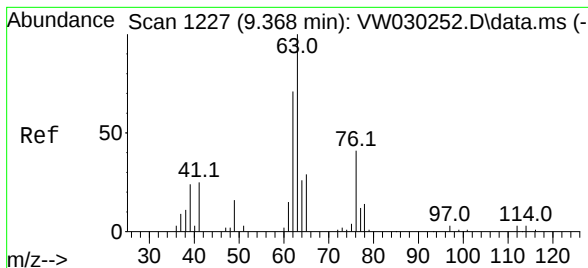
Ion Ratio Lower Upper

83 100

55 80.6 65.8 98.6

98 47.1 38.0 57.0





#37

1,2-Dichloropropane

Concen: 23.272 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

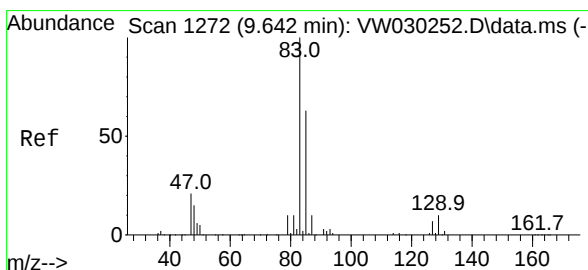
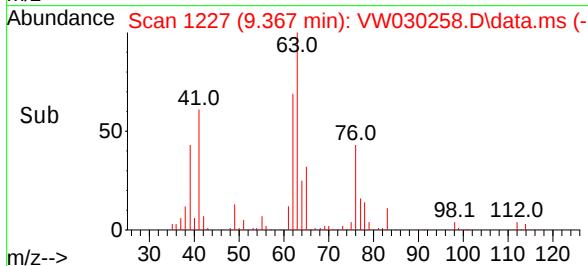
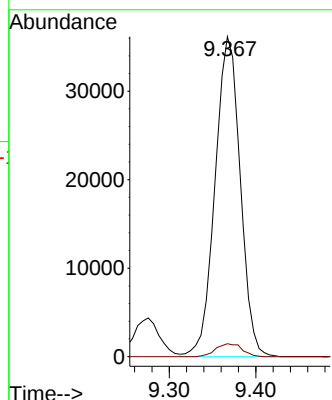
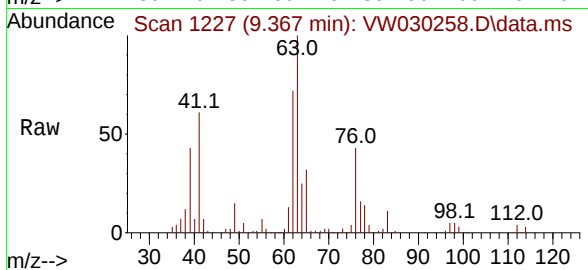
ClientSampleId :

Tgt Ion: 63 Resp: 73108

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 24.039 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

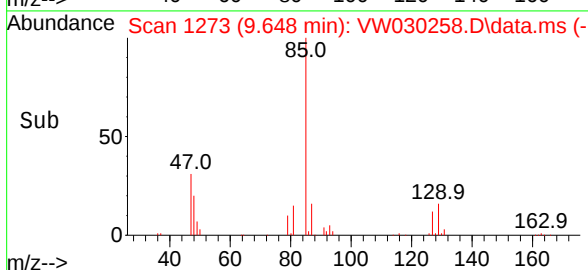
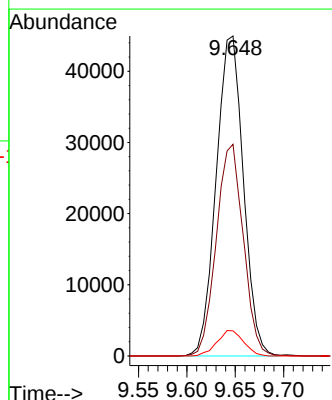
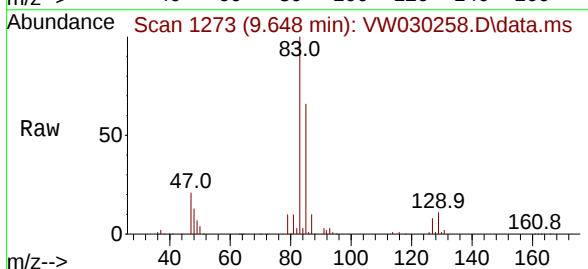
Tgt Ion: 83 Resp: 87953

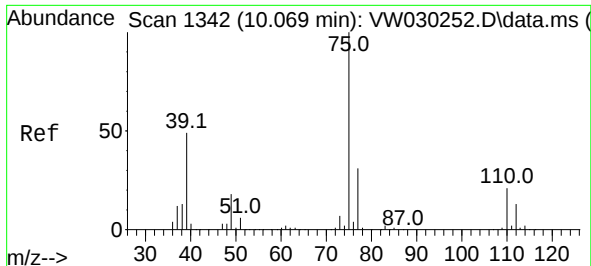
Ion Ratio Lower Upper

83 100

85 66.1 44.1 81.9

127 7.8 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 24.277 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

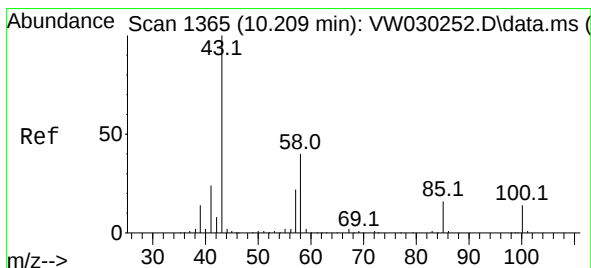
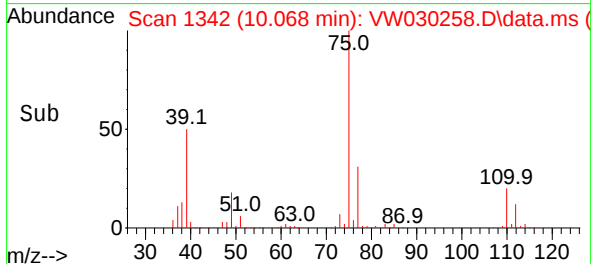
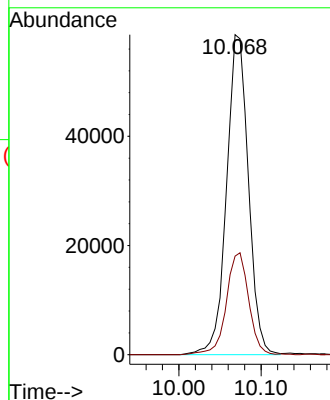
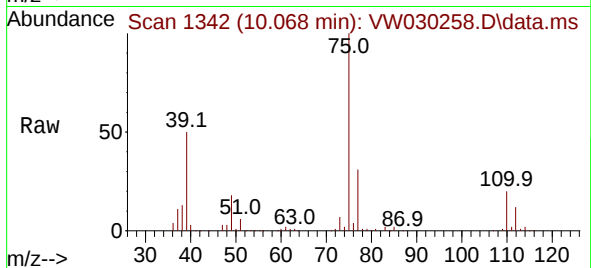
ClientSampleId :

Tgt Ion: 75 Resp: 108295

Ion Ratio Lower Upper

75 100

77 30.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 47.233 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

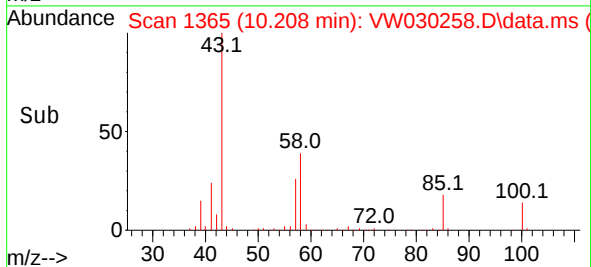
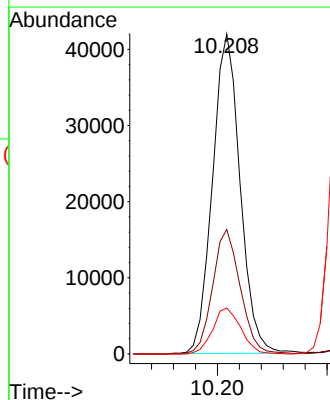
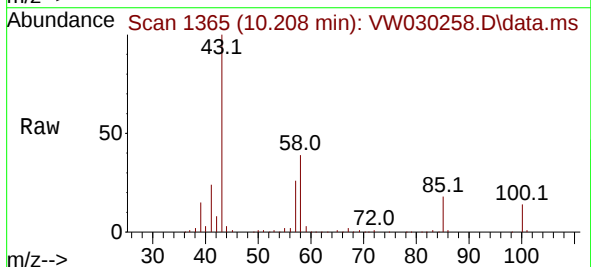
Tgt Ion: 43 Resp: 73196

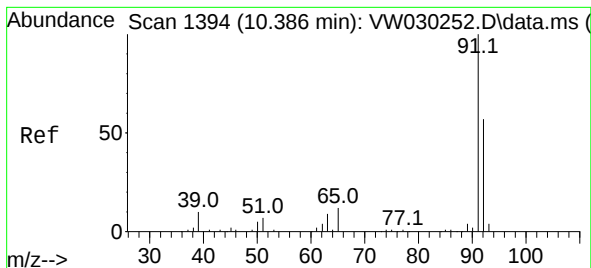
Ion Ratio Lower Upper

43 100

58 39.2 30.3 45.5

100 14.8 11.0 16.4





#42

Toluene

Concen: 24.547 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

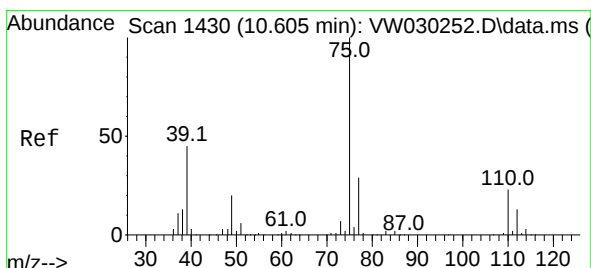
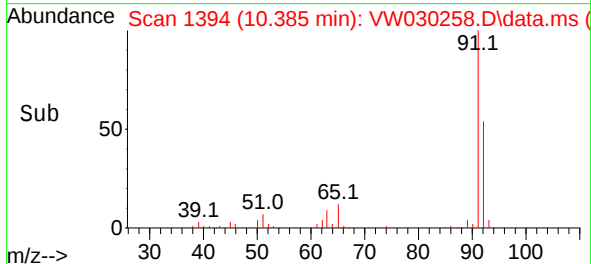
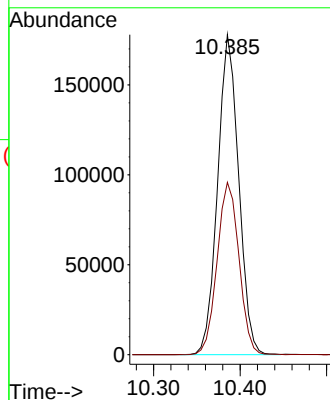
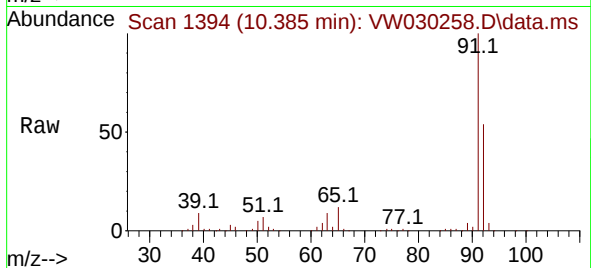
ClientSampleId :

Tgt Ion: 91 Resp: 300255

Ion Ratio Lower Upper

91 100

92 53.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 25.165 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030258.D

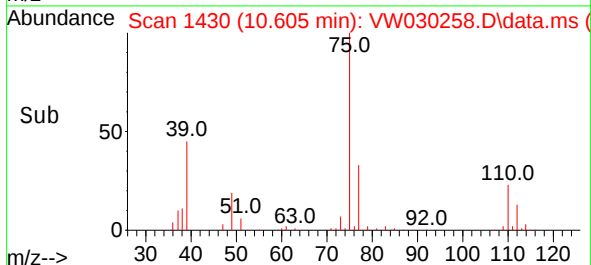
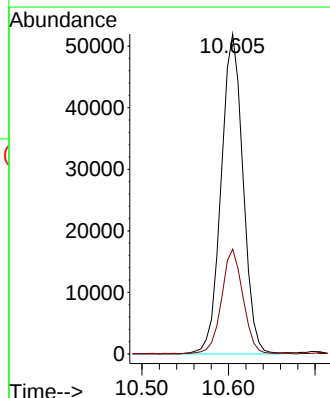
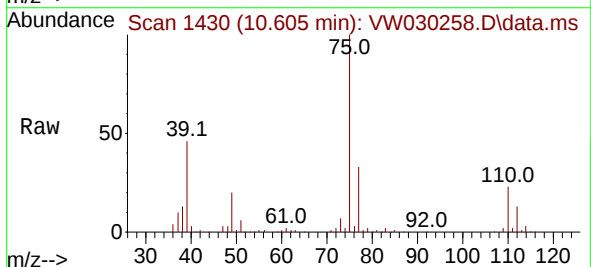
Acq: 26 Sep 2024 14:18

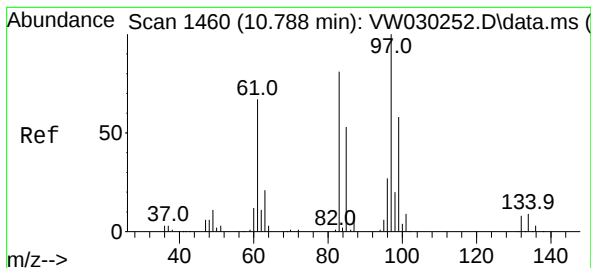
Tgt Ion: 75 Resp: 91213

Ion Ratio Lower Upper

75 100

77 32.7 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 23.582 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

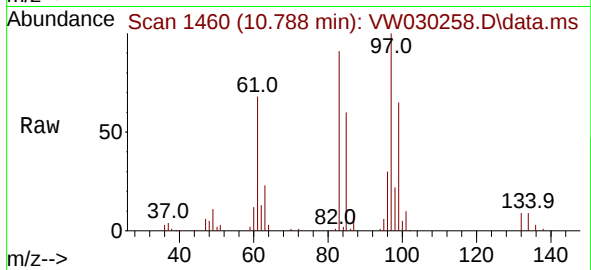
Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 47196

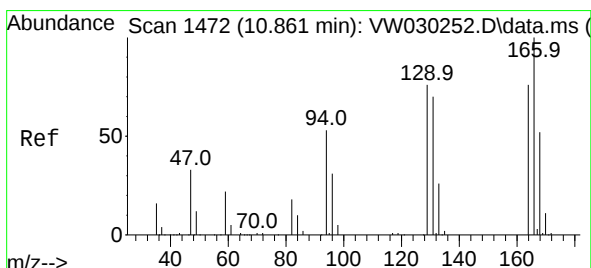
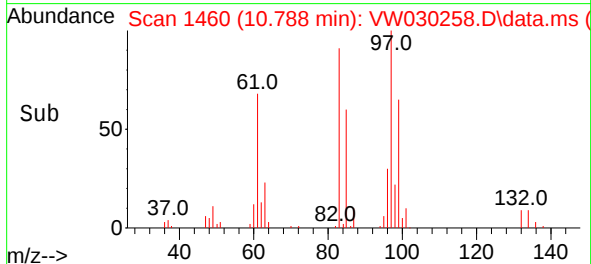
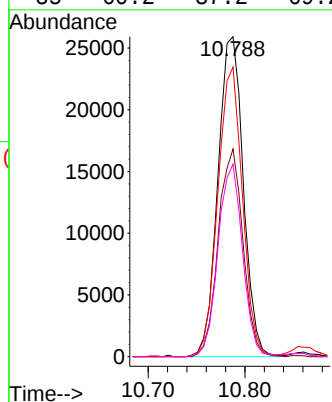
Ion Ratio Lower Upper

97 100

99 64.9 40.4 75.0

83 90.5 56.7 105.3

85 60.2 37.2 69.2



#46

Tetrachloroethene

Concen: 23.743 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Tgt Ion:164 Resp: 51049

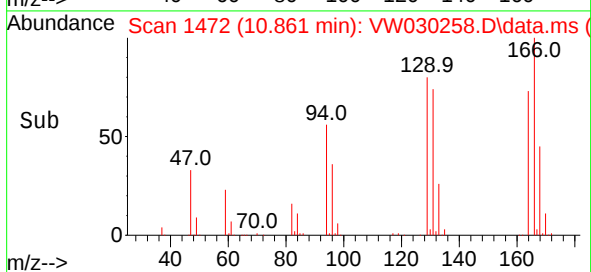
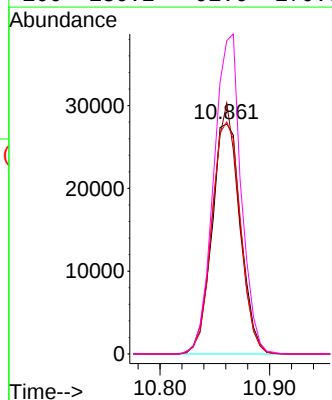
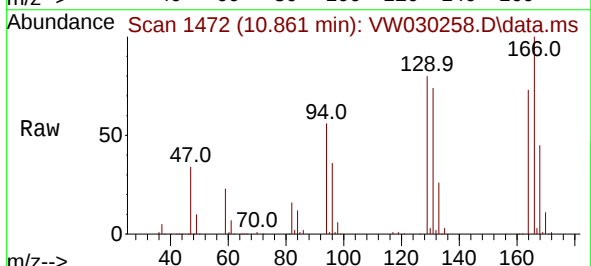
Ion Ratio Lower Upper

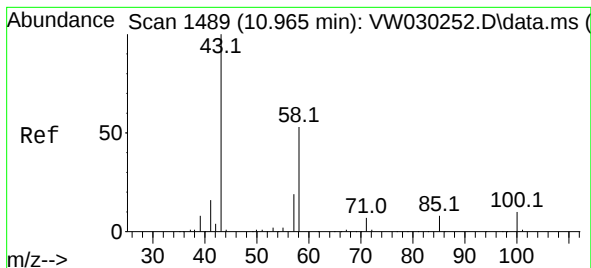
164 100

129 109.0 69.9 129.9

131 100.8 63.8 118.6

166 136.2 91.6 170.0





#48

2-Hexanone

Concen: 53.761 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

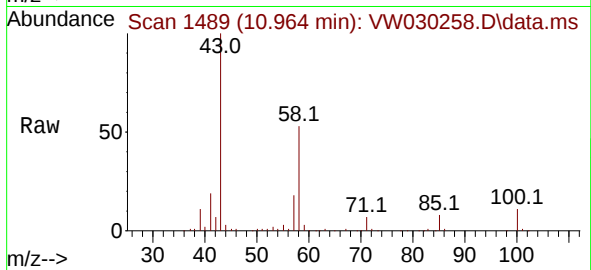
Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 70062

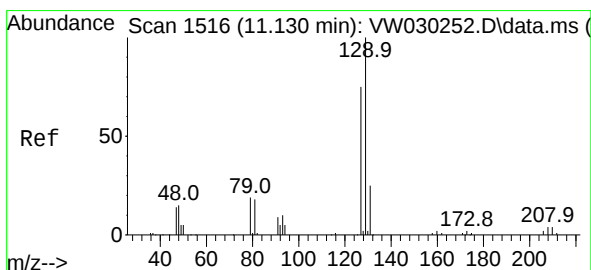
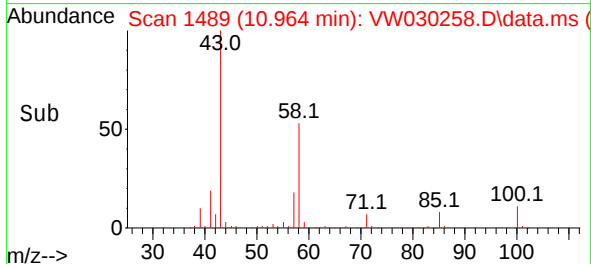
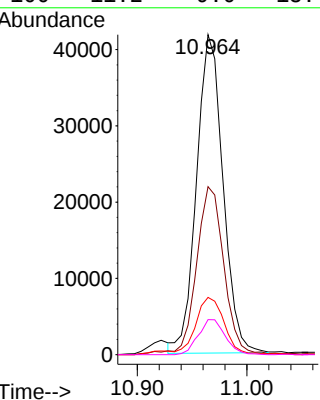
Ion Ratio Lower Upper

43 100

58 54.8 43.3 64.9

57 19.3 15.4 23.0

100 11.2 9.0 13.4



#49

Dibromochloromethane

Concen: 25.059 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.007 min

Lab File: VW030258.D

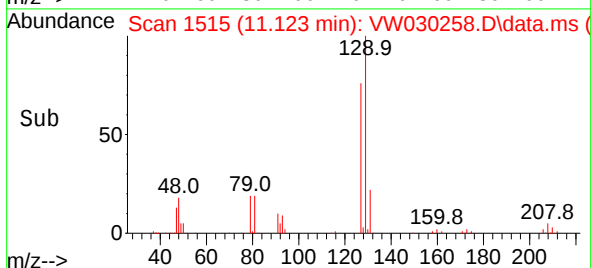
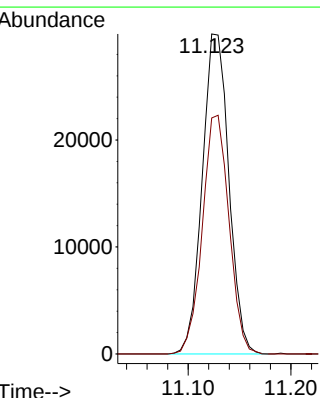
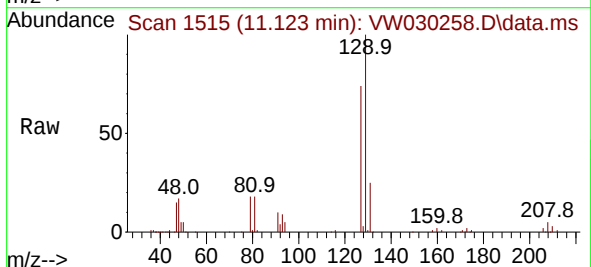
Acq: 26 Sep 2024 14:18

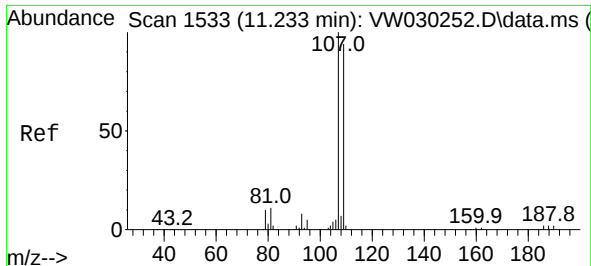
Tgt Ion: 129 Resp: 53825

Ion Ratio Lower Upper

129 100

127 73.8 52.2 97.0





#50

1,2-Dibromoethane

Concen: 23.911 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

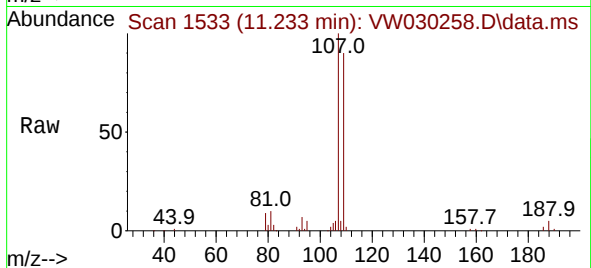
Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

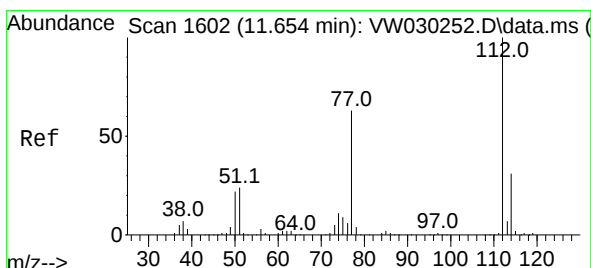
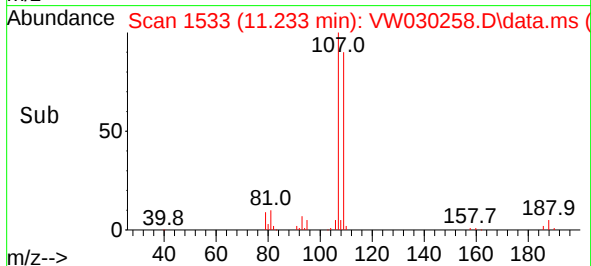
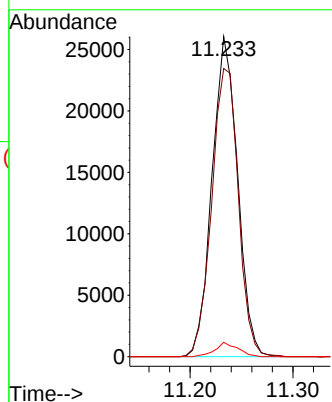
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	44965
Ion Ratio	Lower	Upper	
107	100		
109	90.0	65.9	122.5
188	4.5	1.9	2.9#



#51

Chlorobenzene

Concen: 24.116 ug/L

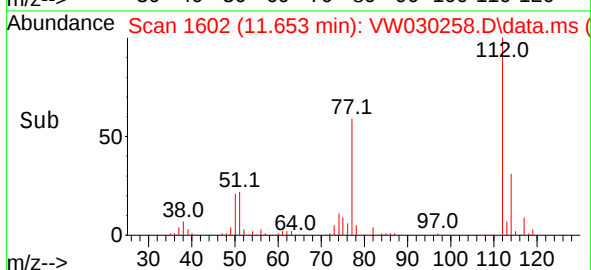
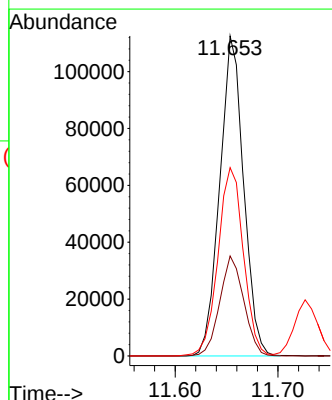
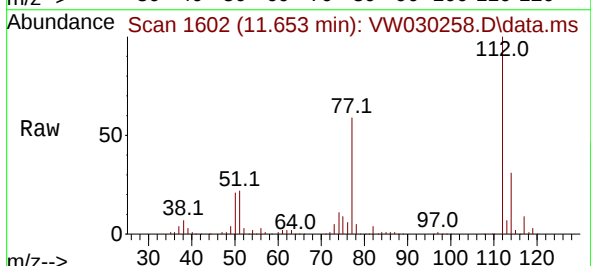
RT: 11.653 min Scan# 1602

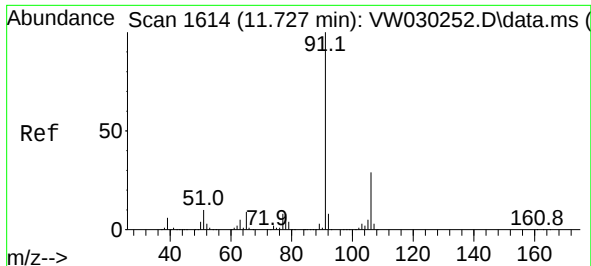
Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Tgt Ion:	112	Resp:	181369
Ion Ratio	Lower	Upper	
112	100		
114	31.2	21.5	39.9
77	58.9	50.6	75.8





#52

Ethylbenzene

Concen: 24.467 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

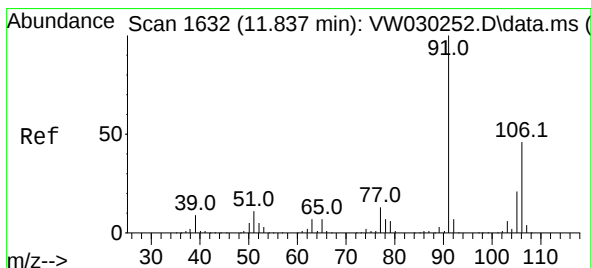
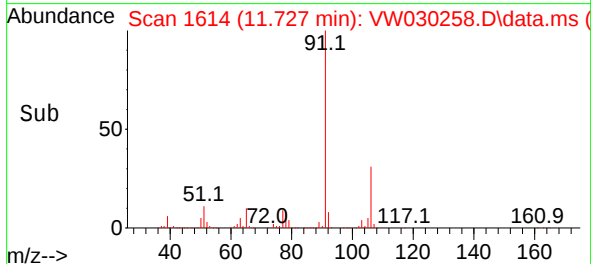
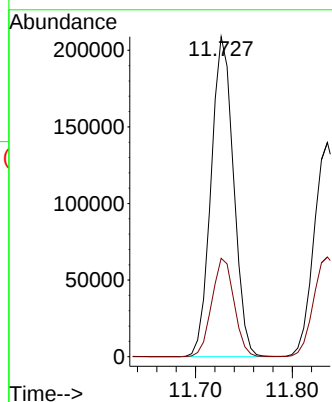
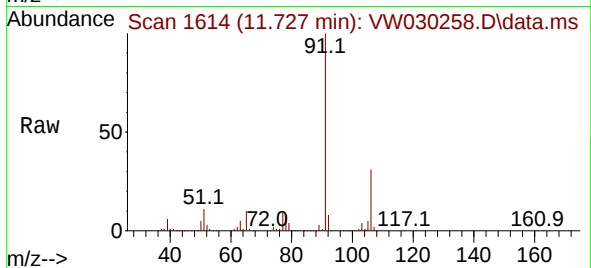
ClientSampleId :

Tgt Ion: 91 Resp: 338238

Ion Ratio Lower Upper

91 100

106 30.7 20.4 38.0



#53

m,p-Xylene

Concen: 25.209 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030258.D

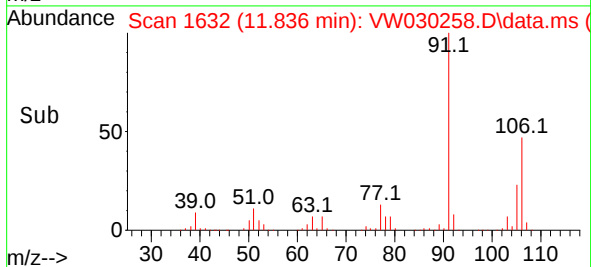
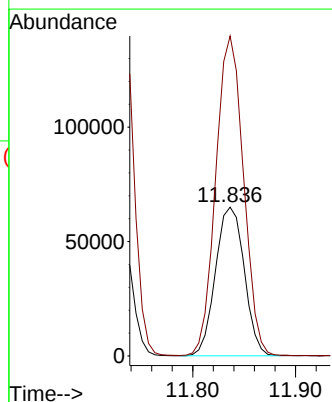
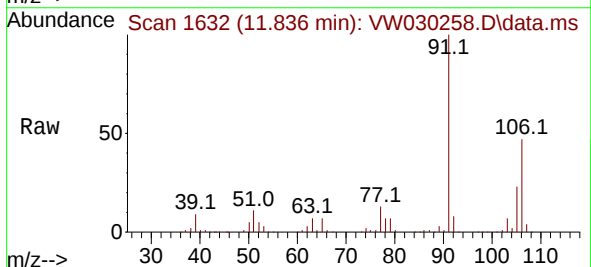
Acq: 26 Sep 2024 14:18

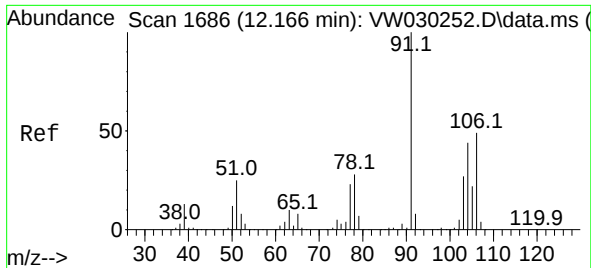
Tgt Ion:106 Resp: 126283

Ion Ratio Lower Upper

106 100

91 214.9 151.1 280.5

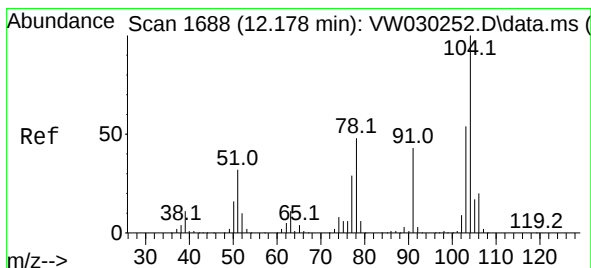
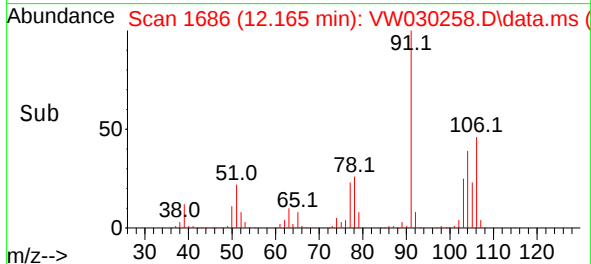
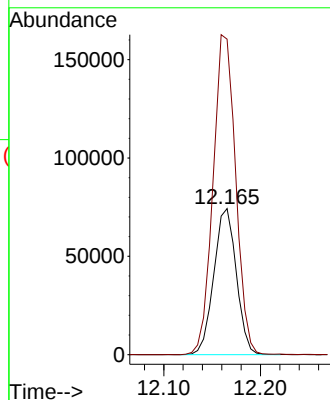
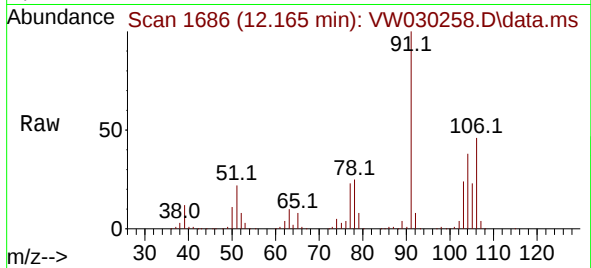




#54
o-Xylene
Concen: 25.516 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

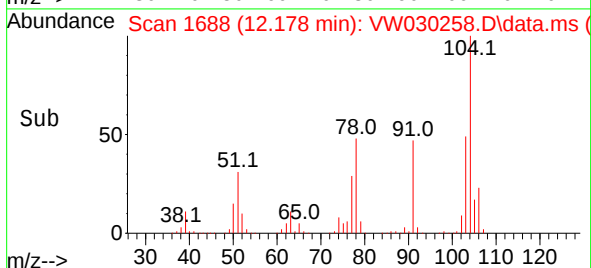
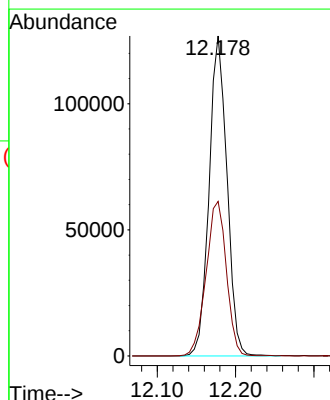
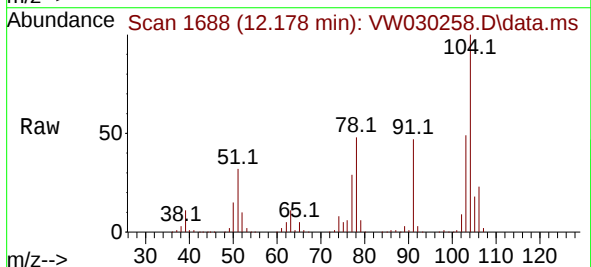
Instrument :
MSVOA_W
ClientSampleId :

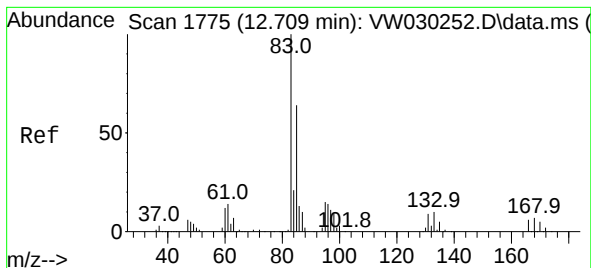
Tgt Ion:106 Resp: 120061
Ion Ratio Lower Upper
106 100
91 216.0 143.1 265.9



#55
Styrene
Concen: 25.366 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

Tgt Ion:104 Resp: 200931
Ion Ratio Lower Upper
104 100
78 48.3 33.6 62.4

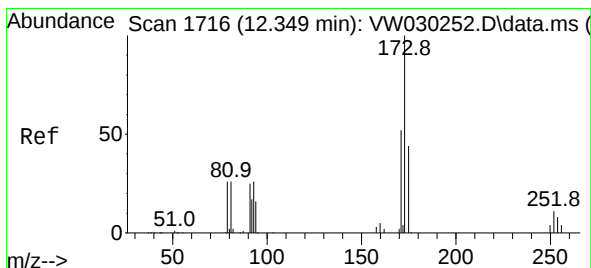
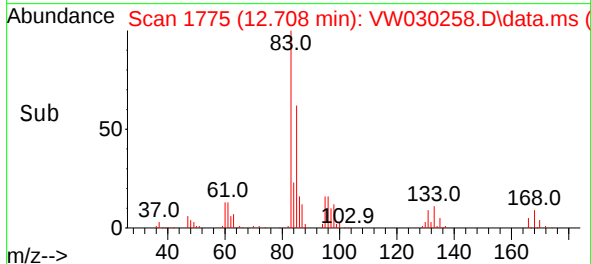
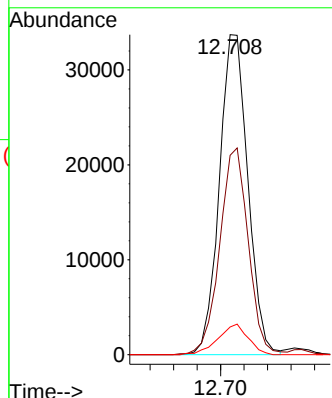
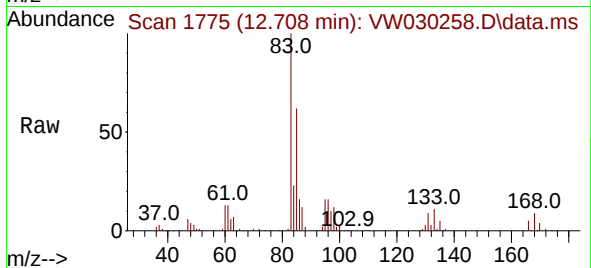




#57
1,1,2,2-Tetrachloroethane
Concen: 23.968 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

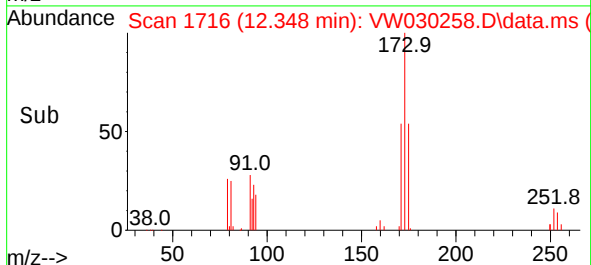
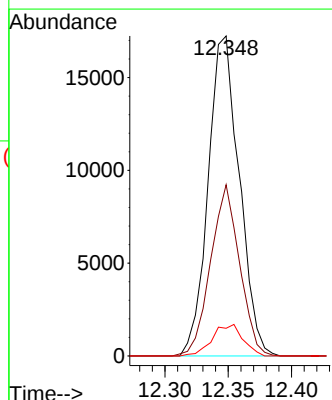
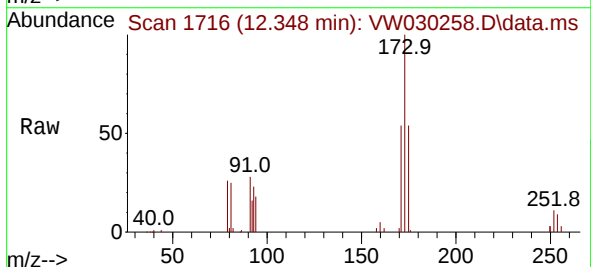
Instrument :
MSVOA_W
ClientSampleId :

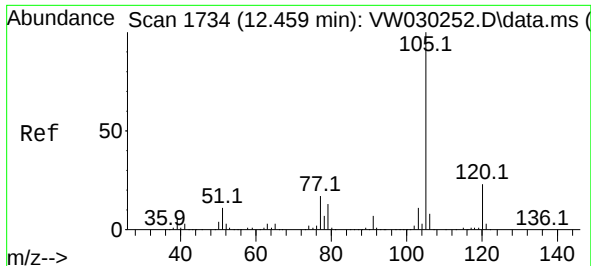
Tgt Ion: 83 Resp: 56771
Ion Ratio Lower Upper
83 100
85 62.3 44.9 83.5
131 8.7 7.3 10.9



#59
Bromoform
Concen: 24.653 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

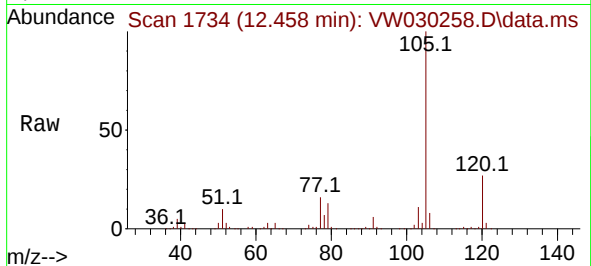
Tgt Ion: 173 Resp: 29527
Ion Ratio Lower Upper
173 100
175 49.7 37.8 56.8
254 9.7 7.4 11.2



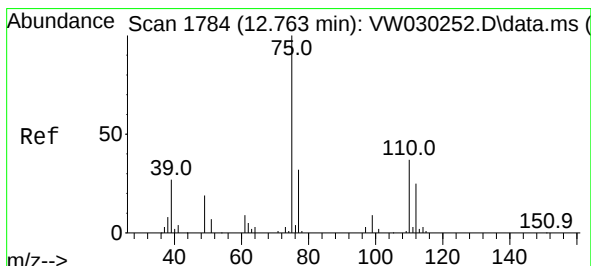
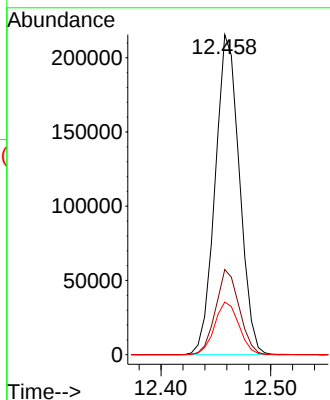
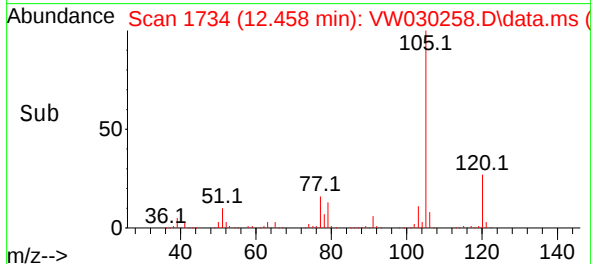


#60
Isopropylbenzene
Concen: 25.239 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

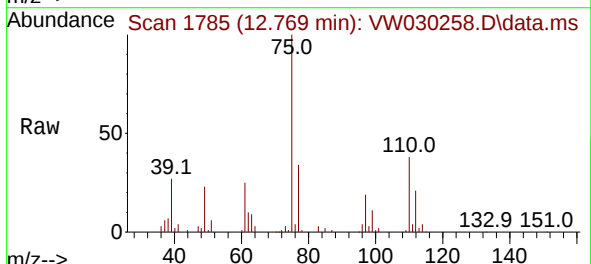
Instrument :
MSVOA_W
ClientSampleId :



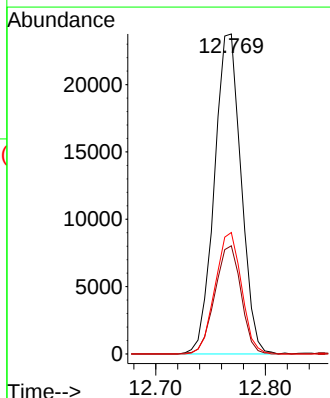
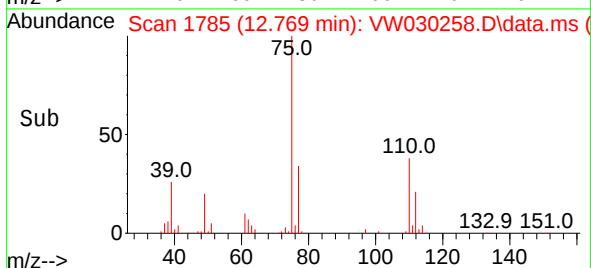
Tgt Ion:105 Resp: 331669
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.5 13.6 20.4

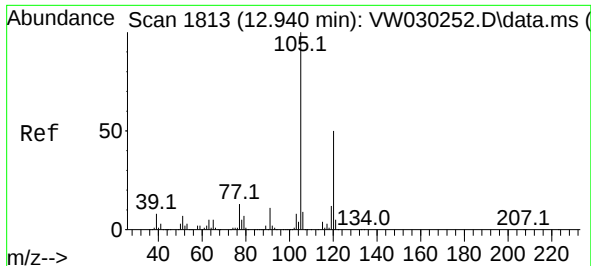


#61
1,2,3-Trichloropropane
Concen: 23.801 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18



Tgt Ion: 75 Resp: 40244
Ion Ratio Lower Upper
75 100
77 33.3 26.6 39.8
110 37.4 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 26.094 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

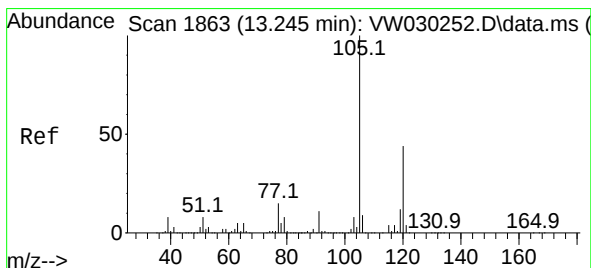
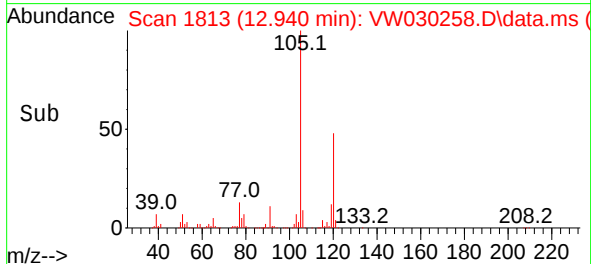
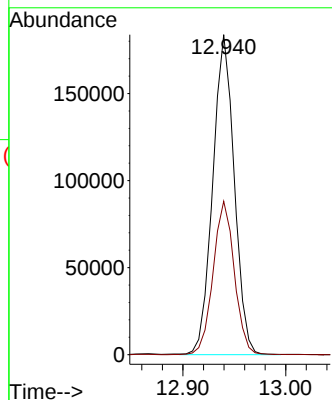
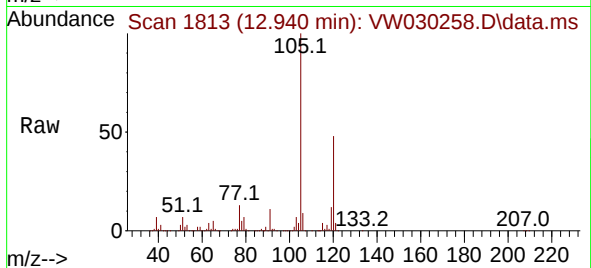
ClientSampleId :

Tgt Ion:105 Resp: 266886

Ion Ratio Lower Upper

105 100

120 47.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 26.425 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030258.D

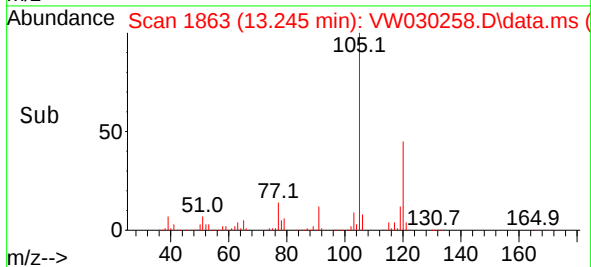
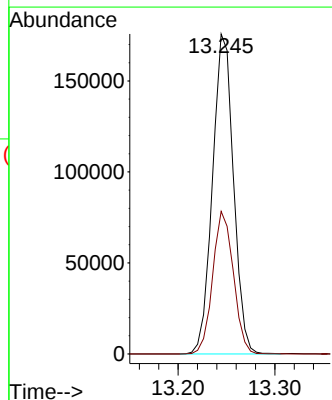
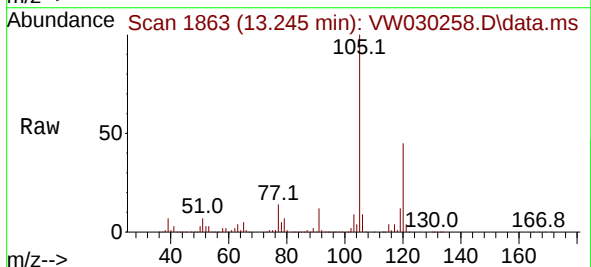
Acq: 26 Sep 2024 14:18

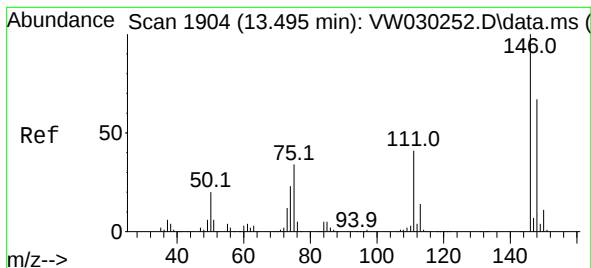
Tgt Ion:105 Resp: 265038

Ion Ratio Lower Upper

105 100

120 43.9 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 24.864 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

ClientSampleId :

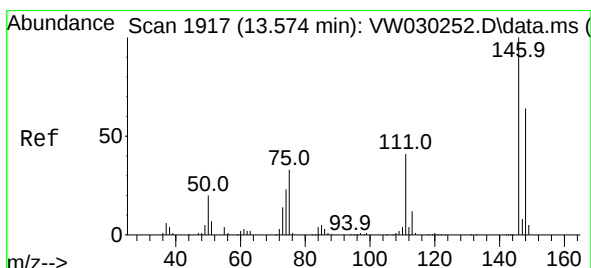
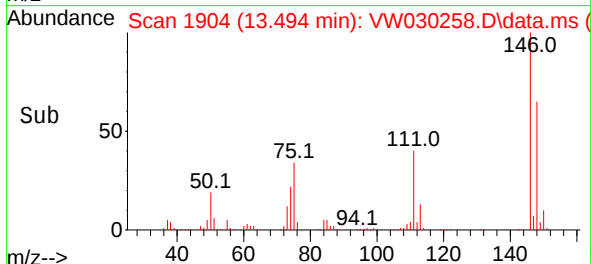
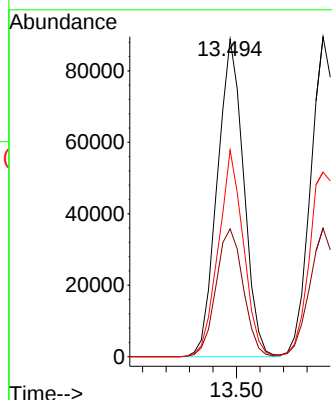
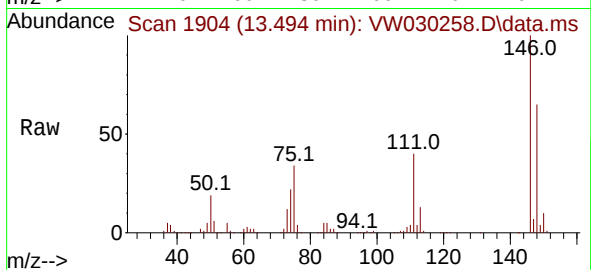
Tgt Ion:146 Resp: 138983

Ion Ratio Lower Upper

146 100

111 40.3 29.0 53.8

148 65.1 46.6 86.6



#65

1,4-Dichlorobenzene

Concen: 24.394 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

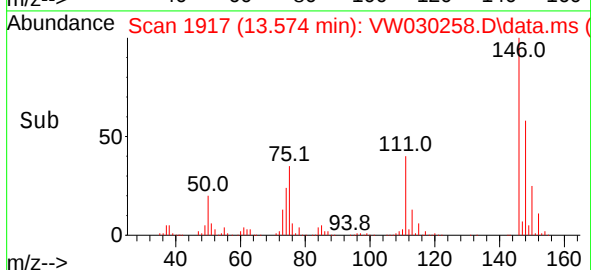
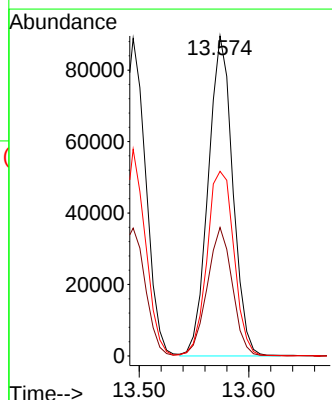
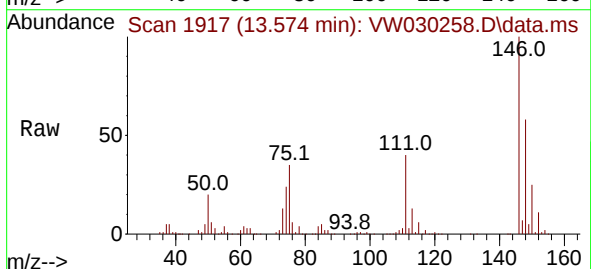
Tgt Ion:146 Resp: 139521

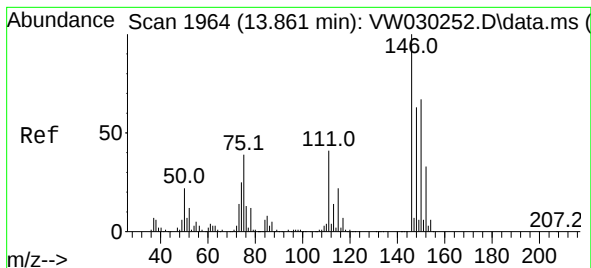
Ion Ratio Lower Upper

146 100

111 40.1 29.0 53.8

148 57.7 44.7 83.1

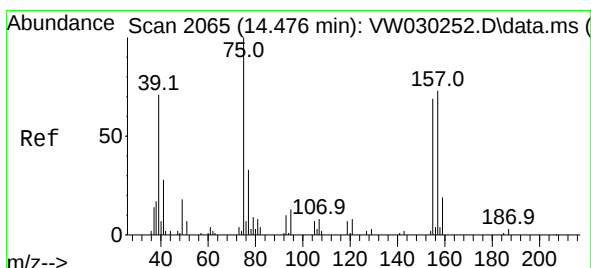
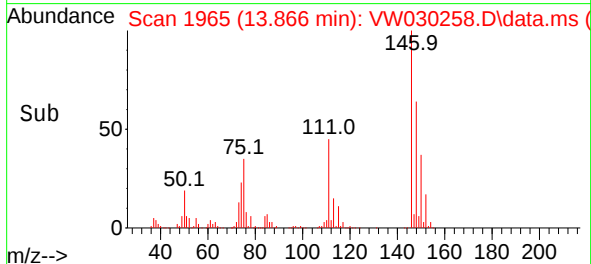
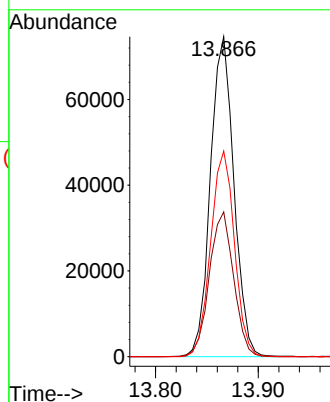
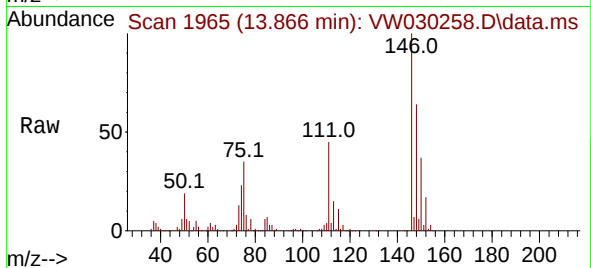




#67
1,2-Dichlorobenzene
Concen: 24.353 ug/L
RT: 13.866 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

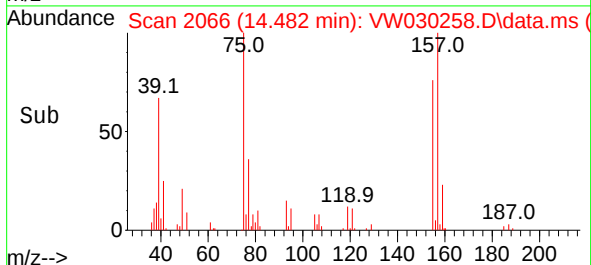
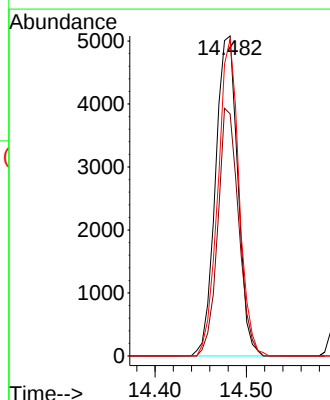
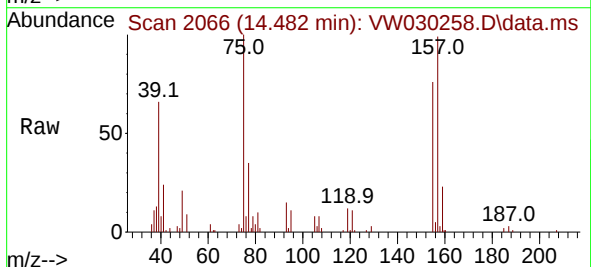
Instrument :
MSVOA_W
ClientSampleId :

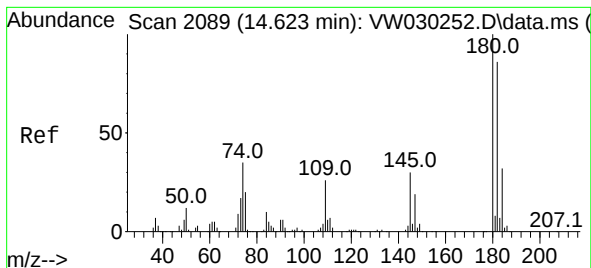
Tgt Ion:146 Resp: 118588
Ion Ratio Lower Upper
146 100
111 45.3 32.9 49.3
148 64.3 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 23.100 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW030258.D
Acq: 26 Sep 2024 14:18

Tgt Ion: 75 Resp: 8600
Ion Ratio Lower Upper
75 100
155 75.7 55.4 83.2
157 99.0 58.3 87.5#





#69

1,3,5-Trichlorobenzene

Concen: 23.106 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

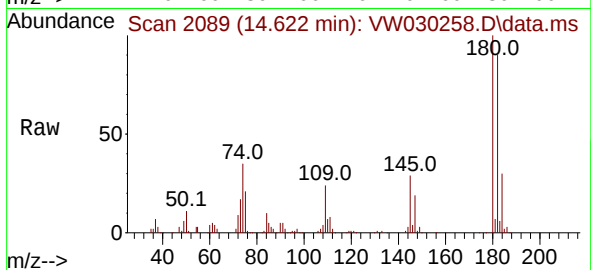
Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 84352

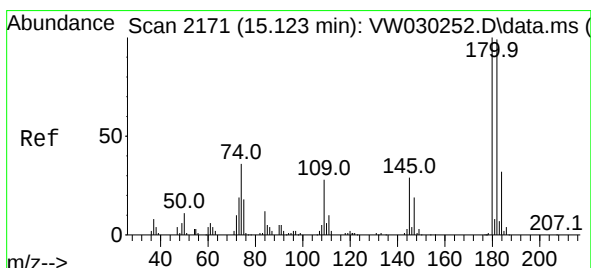
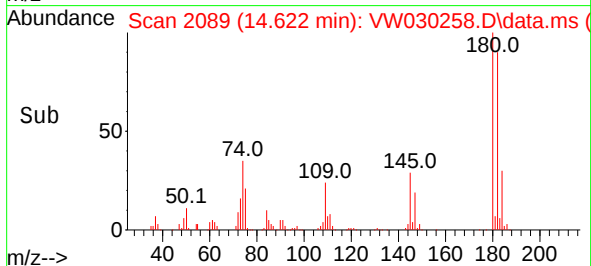
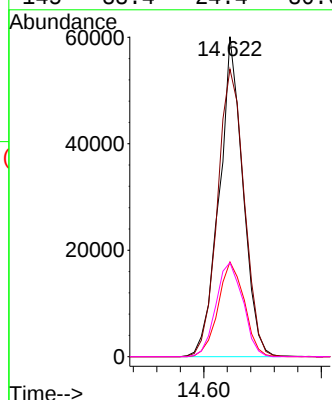
Ion Ratio Lower Upper

180 100

182 101.2 71.8 107.8

184 32.6 23.7 35.5

145 33.4 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 24.212 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

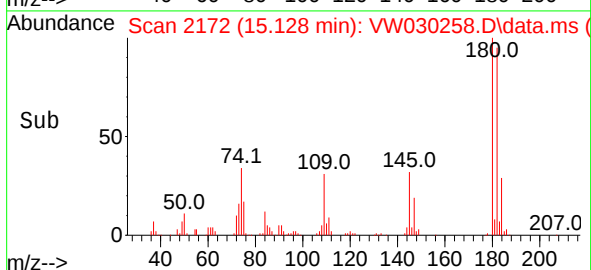
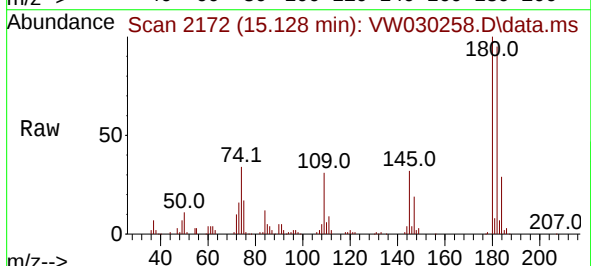
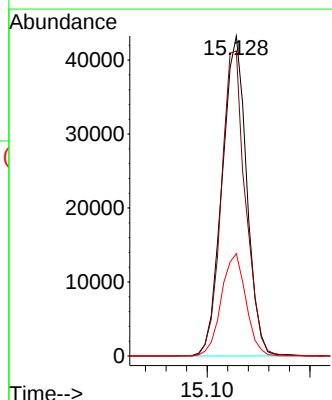
Tgt Ion:180 Resp: 71578

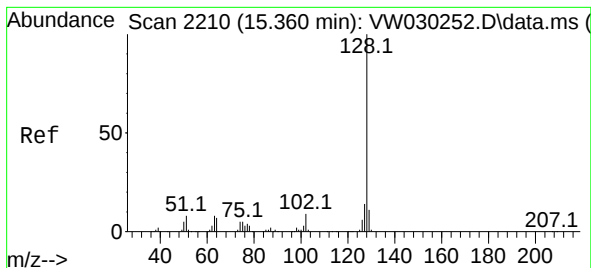
Ion Ratio Lower Upper

180 100

182 94.0 74.6 112.0

145 32.0 24.2 36.2





#71

Naphthalene

Concen: 26.405 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Instrument :

MSVOA_W

ClientSampleId :

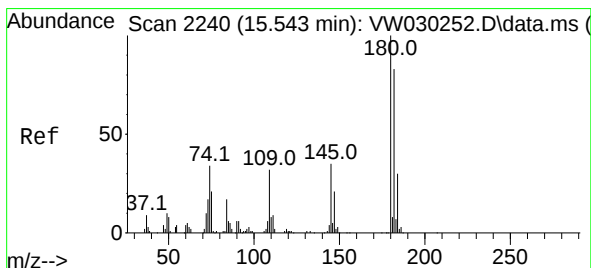
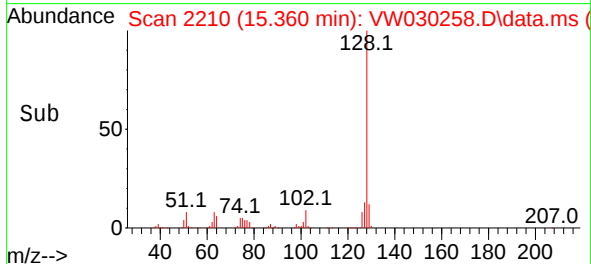
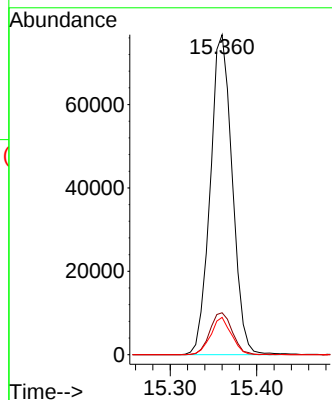
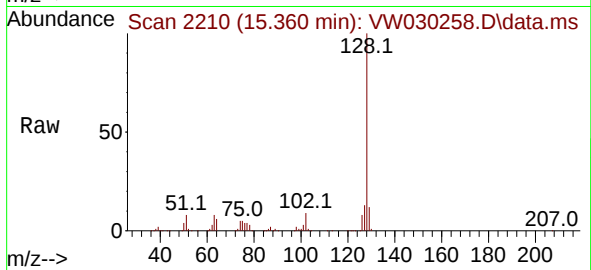
Tgt Ion:128 Resp: 135488

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.6

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.960 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW030258.D

Acq: 26 Sep 2024 14:18

Tgt Ion:180 Resp: 64349

Ion Ratio Lower Upper

180 100

182 95.2 73.4 110.2

145 35.3 27.5 41.3

