

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031380.D
 Acq On : 19 Dec 2024 13:20
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 00:30:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 00:25:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	551319	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	482852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	242283	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	187523	22.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.440%
7) Chloroethane-d5	2.893	69	154994	25.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.040%
11) 1,1-Dichloroethene-d2	4.015	65	88393	22.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.840%
21) 2-Butanone-d5	7.094	46	98845	63.273	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.540%
24) Chloroform-d	7.648	84	382250	25.305	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	8.301	65	214675	28.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	8.270	84	775993	25.074	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.280%
36) 1,2-Dichloropropane-d6	9.270	67	232005	25.722	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.880%
41) Toluene-d8	10.319	98	706168	24.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.120%
43) trans-1,3-Dichloroprop...	10.575	79	96864	23.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.160%
47) 2-Hexanone-d5	10.922	63	76342	62.937	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.880%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	179326	31.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.680%#
66) 1,2-Dichlorobenzene-d4	13.849	152	234024	26.018	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	4254	0.854	ug/L	89
3) Chloromethane	2.216	50	7778	1.390	ug/L	98
5) Vinyl chloride	2.363	62	10434	1.345	ug/L #	56
6) Bromomethane	2.790	94	6693	1.403	ug/L	97
8) Chloroethane	2.924	64	4385	0.951	ug/L	95
9) Trichlorofluoromethane	3.265	101	8565	1.036	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	2881	0.432	ug/L #	42
12) 1,1-Dichloroethene	4.033	96	10164	1.504	ug/L #	1
14) Carbon disulfide	4.381	76	21649	0.982	ug/L	98
15) Methyl Acetate	4.704	43	3156	1.277	ug/L #	85
17) trans-1,2-Dichloroethene	5.429	96	9315	1.279	ug/L	87
18) Methyl tert-butyl Ether	5.423	73	16521	1.356	ug/L #	87
19) 1,1-Dichloroethane	6.210	63	16215	1.191	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	10173	1.291	ug/L	94
23) Bromochloromethane	7.508	128	4019	1.278	ug/L	95
25) Chloroform	7.673	83	30895	2.299	ug/L	93
27) 1,2-Dichloroethane	8.404	62	11243	1.331	ug/L	99
29) Cyclohexane	7.959	56	14352	1.096	ug/L	95
30) 1,1,1-Trichloroethane	7.868	97	13867	1.111	ug/L	98

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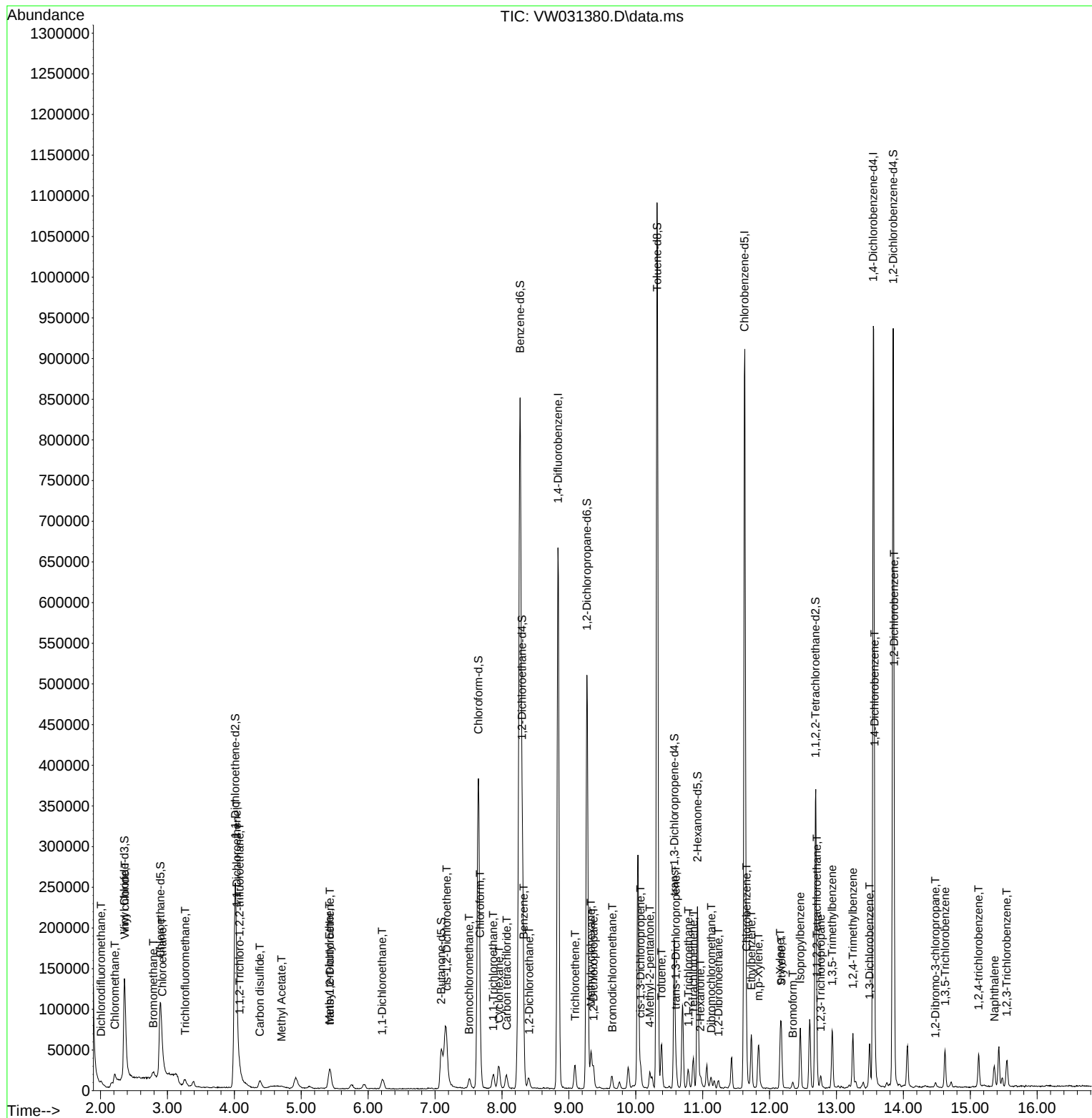
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	8.069	117	11817	1.063	ug/L	100
33) Benzene	8.325	78	36442	1.221	ug/L	100
34) Trichloroethene	9.093	95	10254	1.217	ug/L	99
35) Methylcyclohexane	9.331	83	16787	1.144	ug/L	98
37) 1,2-Dichloropropane	9.368	63	9497	1.276	ug/L #	95
38) Bromodichloromethane	9.648	83	10800	1.116	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	13496	1.073	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	14888	3.770	ug/L	100
42) Toluene	10.386	91	39032	1.201	ug/L	86
44) trans-1,3-Dichloropropene	10.599	75	11303	1.100	ug/L	93
45) 1,1,2-Trichloroethane	10.788	97	6874	1.388	ug/L	93
46) Tetrachloroethene	10.861	164	7885	1.278	ug/L	97
48) 2-Hexanone	10.965	43	6626	1.973	ug/L #	85
49) Dibromochloromethane	11.130	129	6532	1.113	ug/L	91
50) 1,2-Dibromoethane	11.233	107	6349	1.354	ug/L	93
51) Chlorobenzene	11.654	112	24990	1.227	ug/L	97
52) Ethylbenzene	11.727	91	46025	1.222	ug/L	98
53) m,p-Xylene	11.837	106	17887	1.248	ug/L	98
54) o-Xylene	12.160	106	15894	1.177	ug/L	93
55) Styrene	12.178	104	26527	1.181	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	8477	1.588	ug/L #	95
59) Bromoform	12.349	173	3140	0.923	ug/L #	41
60) Isopropylbenzene	12.459	105	45740	1.154	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	5812	1.402	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	36501	1.086	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	35071	1.079	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	19184	1.194	ug/L	92
65) 1,4-Dichlorobenzene	13.568	146	18934	1.190	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	17529	1.266	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	1647	1.565	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	12798	1.138	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	11377	1.216	ug/L	95
71) Naphthalene	15.360	128	22174	1.351	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	10122	1.342	ug/L	98

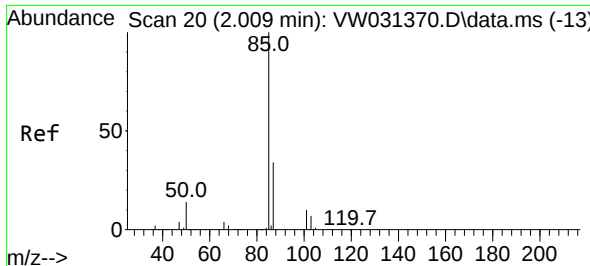
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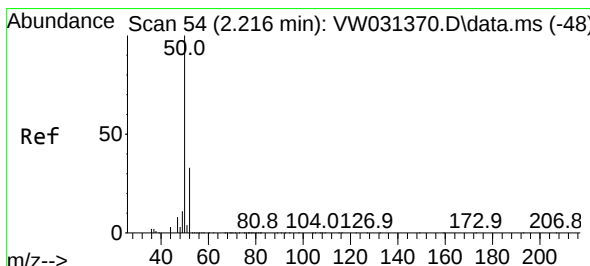
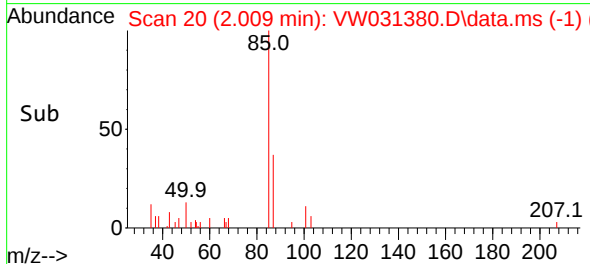
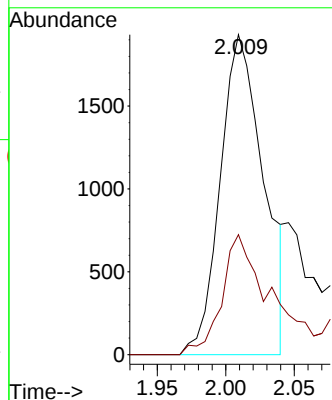
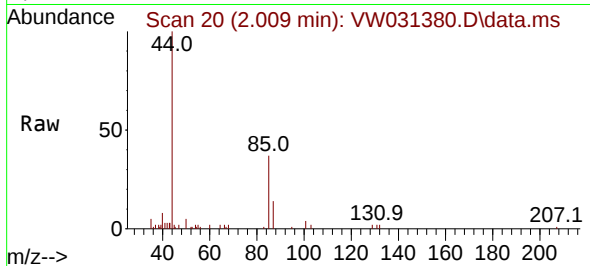




#2
 Dichlorodifluoromethane
 Concen: 0.854 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031380.D
 Acq: 19 Dec 2024 13:20

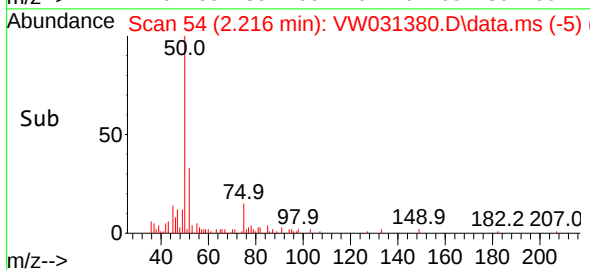
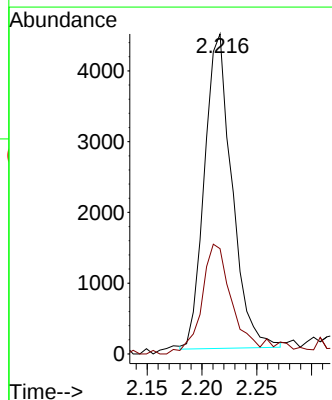
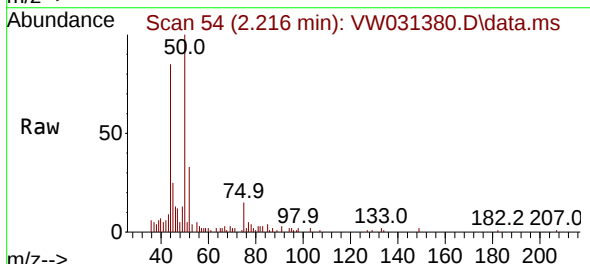
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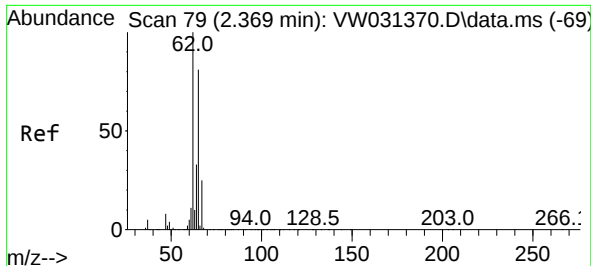
Tgt Ion: 85 Resp: 4254
 Ion Ratio Lower Upper
 85 100
 87 25.0 24.9 37.3



#3
 Chloromethane
 Concen: 1.390 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031380.D
 Acq: 19 Dec 2024 13:20

Tgt Ion: 50 Resp: 7778
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.0 41.0





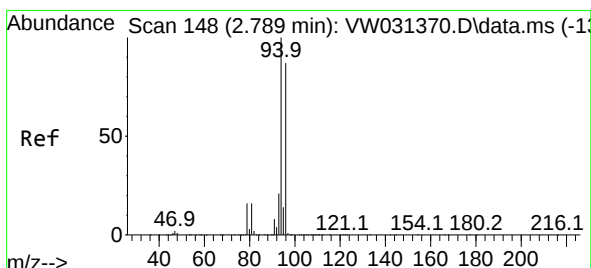
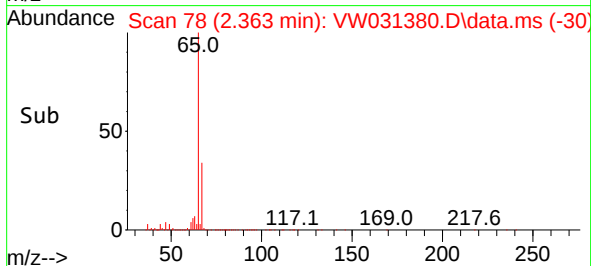
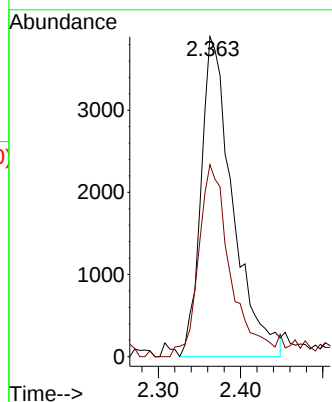
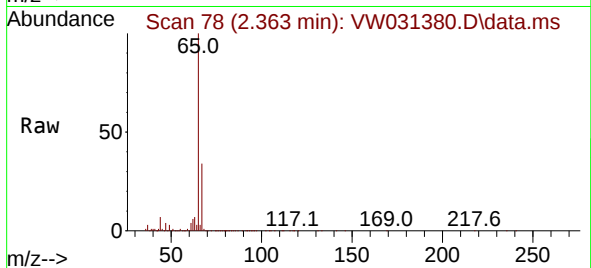
#5
Vinyl chloride
Concen: 1.345 ug/L
RT: 2.363 min Scan# 79
Delta R.T. -0.006 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

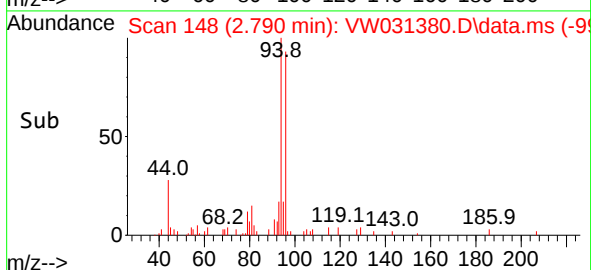
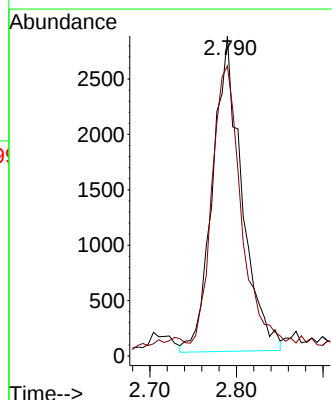
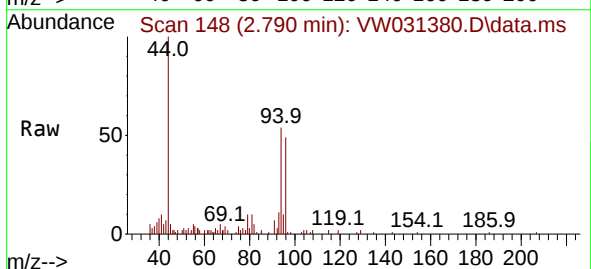
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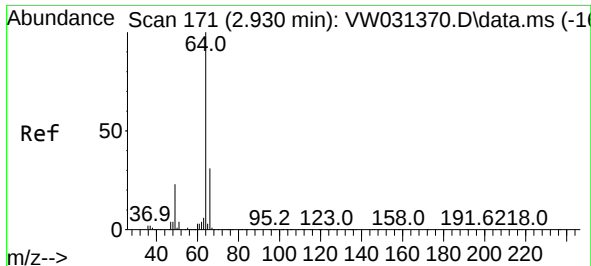
Tgt Ion: 62 Resp: 10434
Ion Ratio Lower Upper
62 100
64 60.0 24.1 44.8#



#6
Bromomethane
Concen: 1.403 ug/L
RT: 2.790 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Tgt Ion: 94 Resp: 6693
Ion Ratio Lower Upper
94 100
96 90.7 65.6 121.8

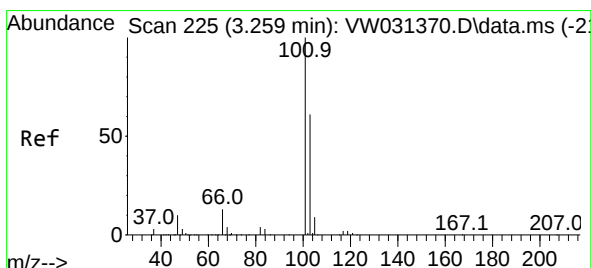
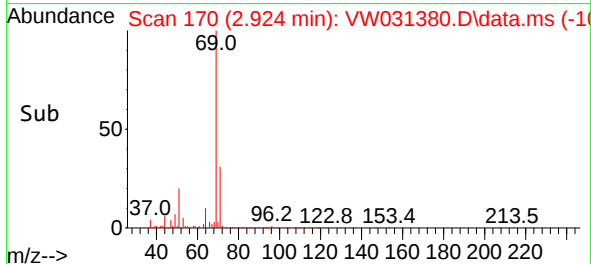
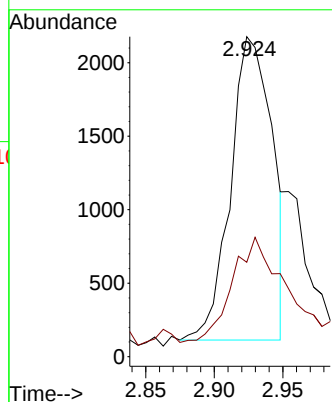
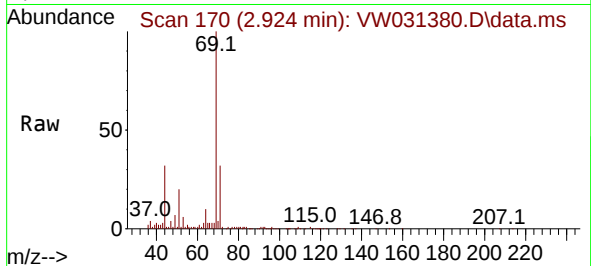




#8
Chloroethane
Concen: 0.951 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

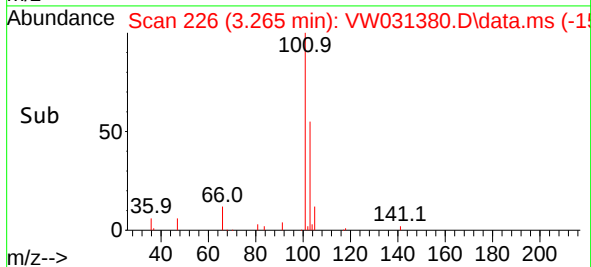
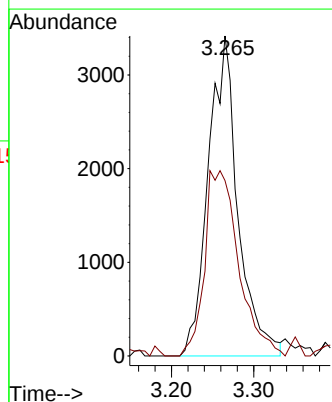
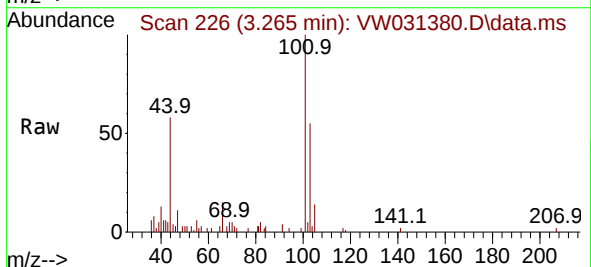
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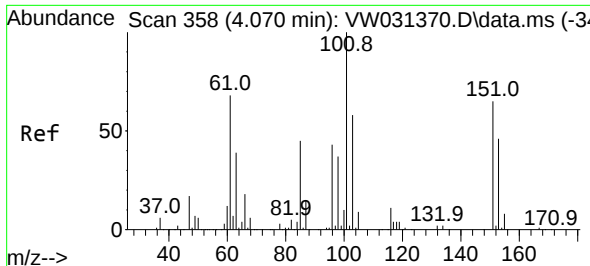
Tgt Ion: 64 Resp: 4385
Ion Ratio Lower Upper
64 100
66 29.5 22.7 42.3



#9
Trichlorofluoromethane
Concen: 1.036 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Tgt Ion: 101 Resp: 8565
Ion Ratio Lower Upper
101 100
103 24.9 51.6 77.4#

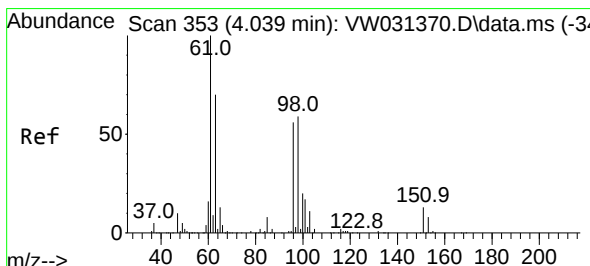
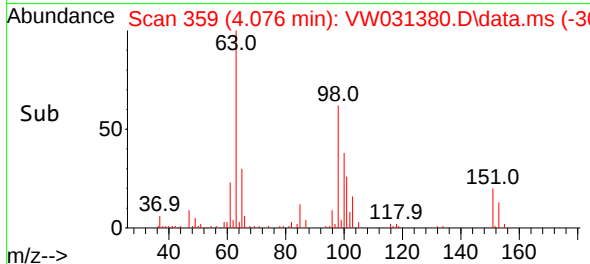
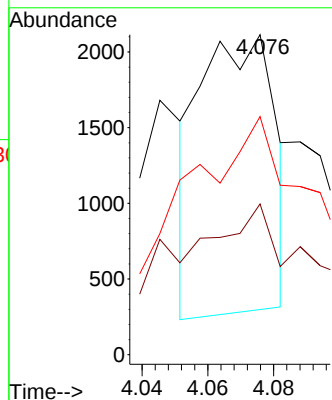
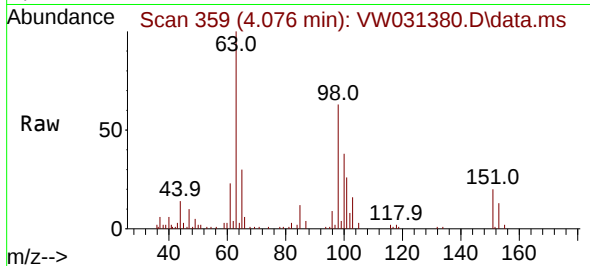




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.432 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW031380.D
 Acq: 19 Dec 2024 13:20

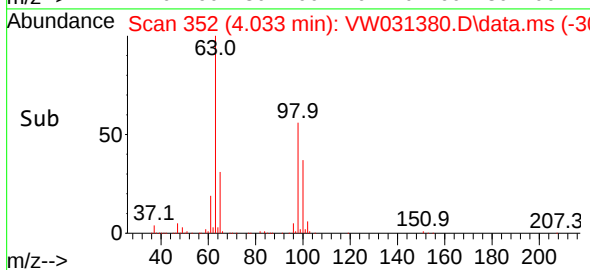
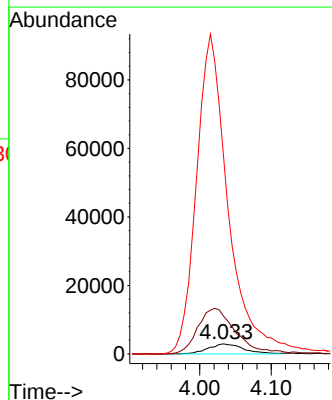
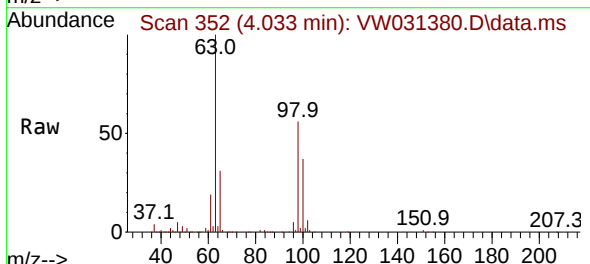
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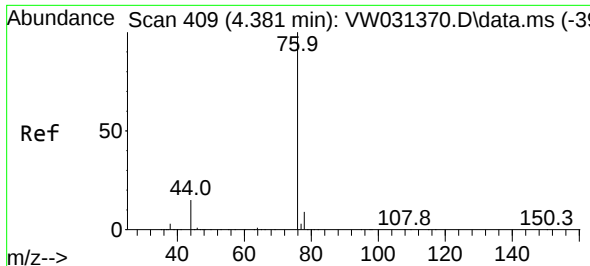
Tgt Ion:101 Resp: 2881
 Ion Ratio Lower Upper
 101 100
 85 10.8 33.0 49.4#
 151 17.0 54.8 82.2#



#12
 1,1-Dichloroethene
 Concen: 1.504 ug/L
 RT: 4.033 min Scan# 352
 Delta R.T. -0.006 min
 Lab File: VW031380.D
 Acq: 19 Dec 2024 13:20

Tgt Ion: 96 Resp: 10164
 Ion Ratio Lower Upper
 96 100
 61 373.2 125.3 232.7#
 63 1950.4 104.6 194.2#

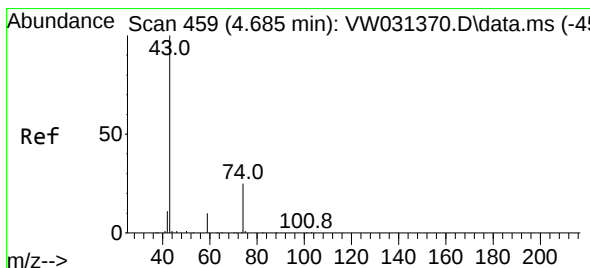
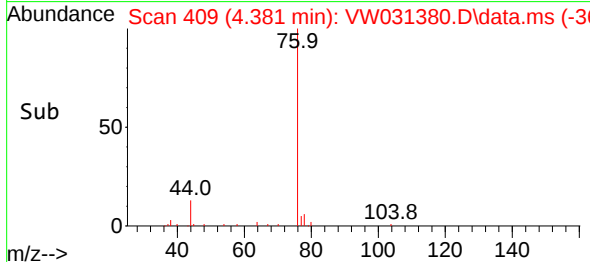
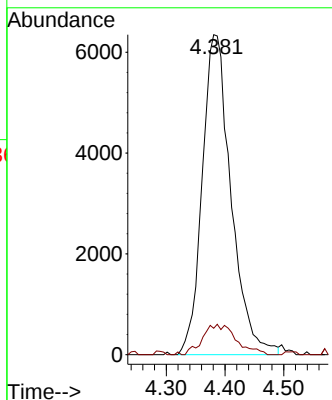
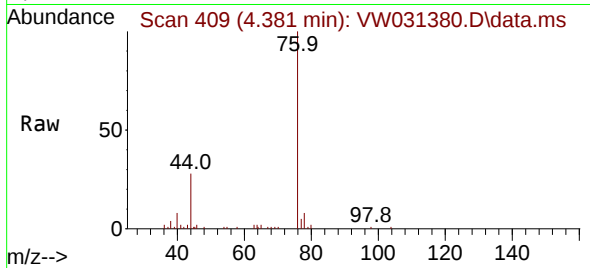




#14
Carbon disulfide
Concen: 0.982 ug/L
RT: 4.381 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

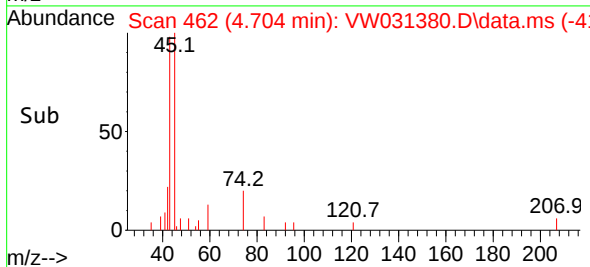
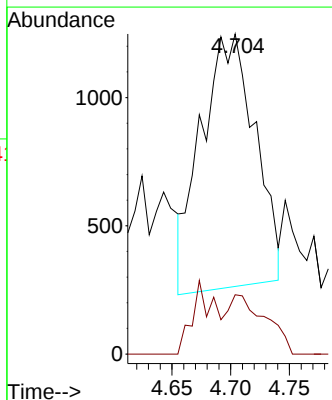
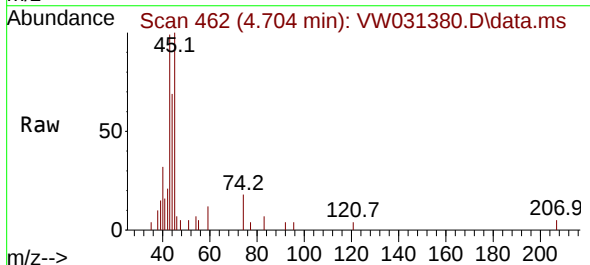
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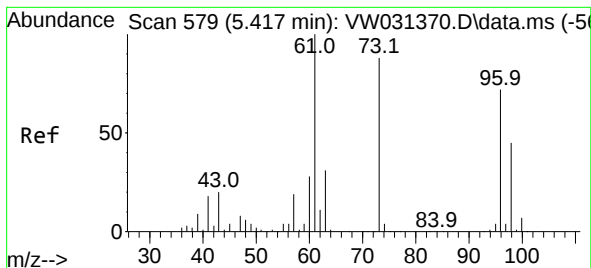
Tgt Ion: 76 Resp: 21649
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#15
Methyl Acetate
Concen: 1.277 ug/L
RT: 4.704 min Scan# 462
Delta R.T. 0.018 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Tgt Ion: 43 Resp: 3156
Ion Ratio Lower Upper
43 100
74 16.3 18.9 28.3#





#17

trans-1,2-Dichloroethene

Concen: 1.279 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.012 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

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ClientSampleId :

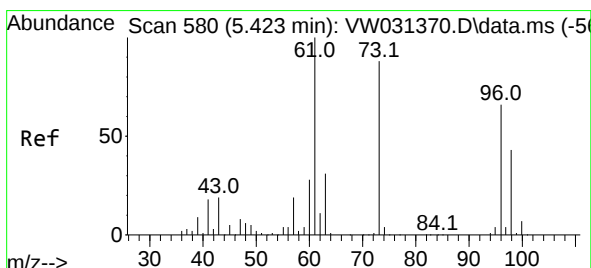
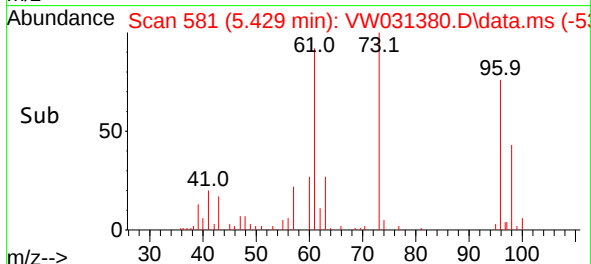
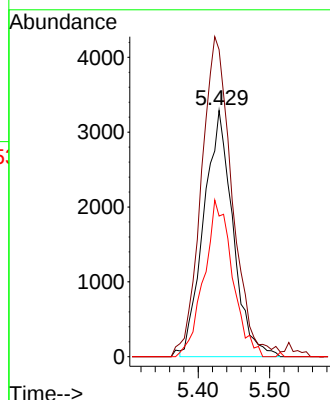
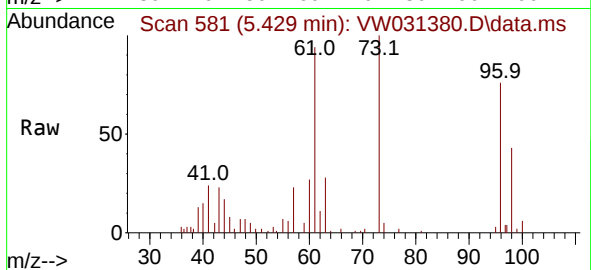
Tgt Ion: 96 Resp: 9315

Ion Ratio Lower Upper

96 100

61 124.6 100.7 187.1

98 57.1 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 1.356 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

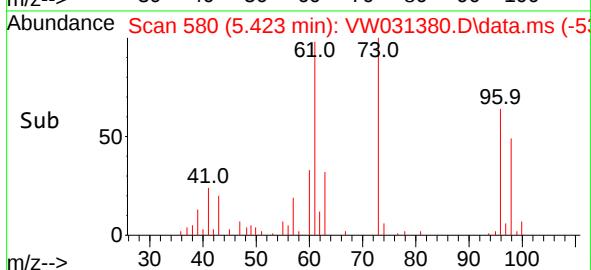
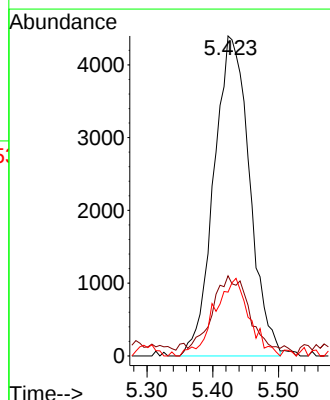
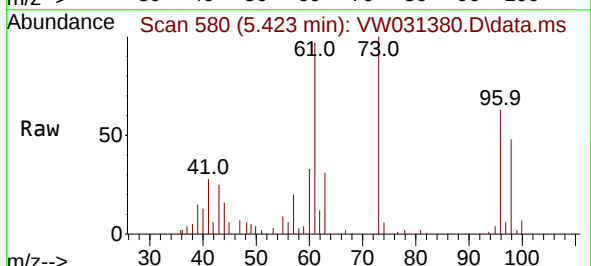
Tgt Ion: 73 Resp: 16521

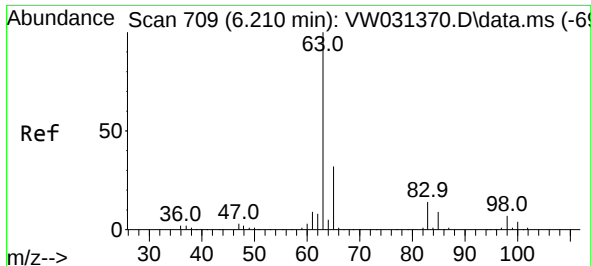
Ion Ratio Lower Upper

73 100

43 14.6 17.9 26.9#

57 17.6 17.9 26.9#





#19

1,1-Dichloroethane

Concen: 1.191 ug/L

RT: 6.210 min Scan# 709

Delta R.T. 0.000 min

Lab File: VW031380.D

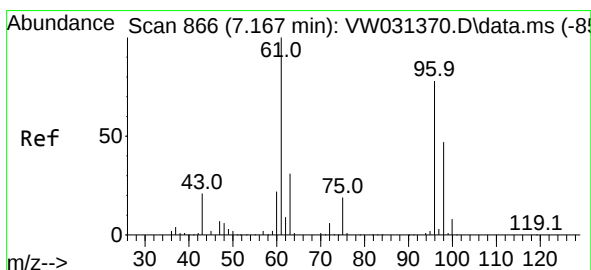
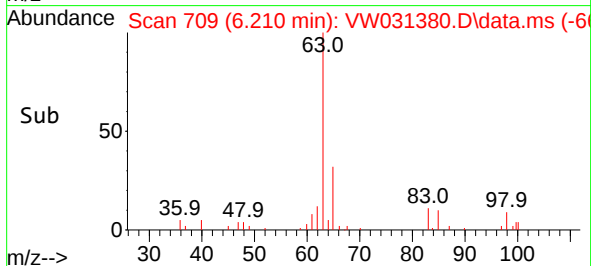
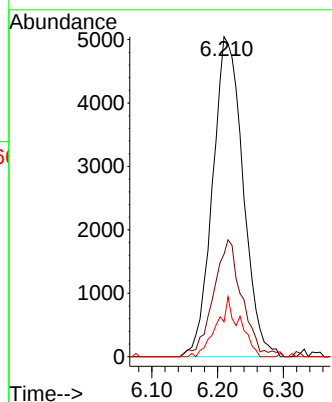
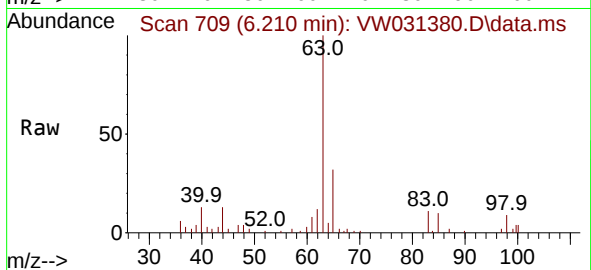
Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	16215
Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.9	40.7
83	10.9	9.3	17.3



#20

cis-1,2-Dichloroethene

Concen: 1.291 ug/L

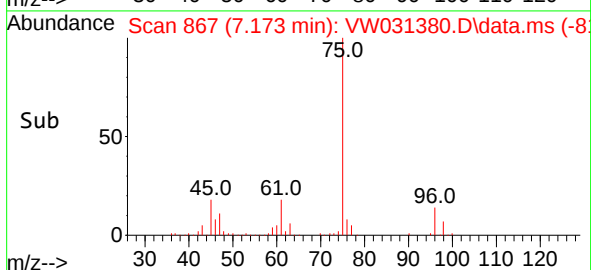
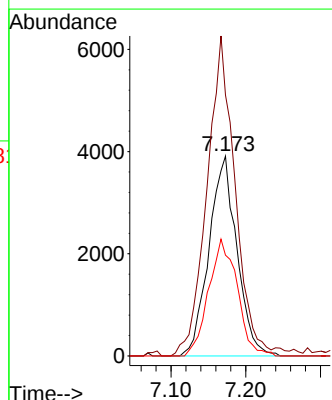
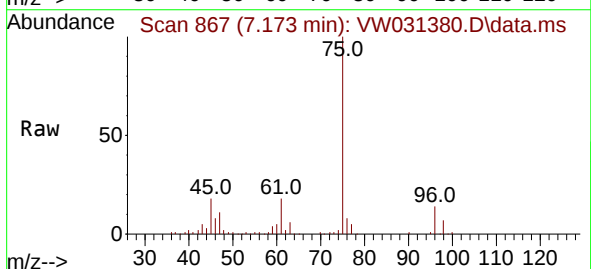
RT: 7.173 min Scan# 867

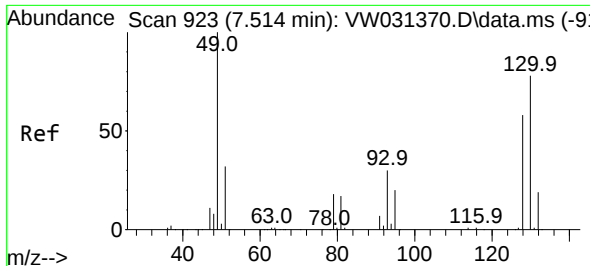
Delta R.T. 0.006 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

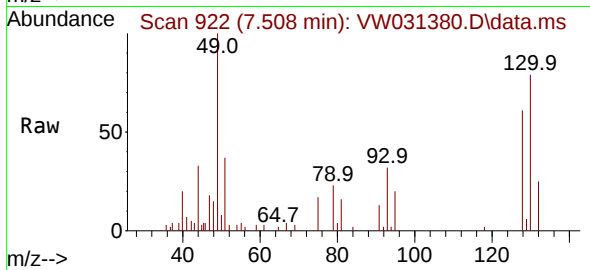
Tgt Ion:	96	Resp:	10173
Ion	Ratio	Lower	Upper
96	100		
61	130.5	92.2	171.2
98	50.4	43.7	81.1



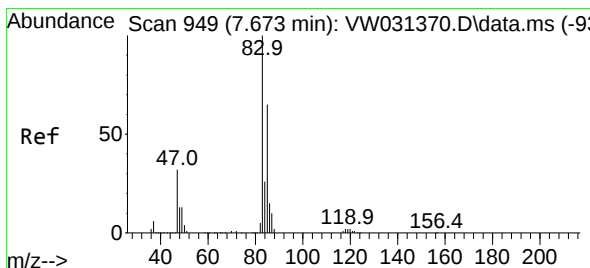
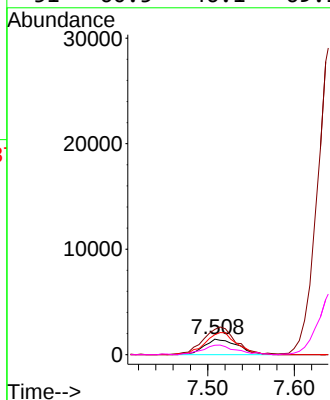
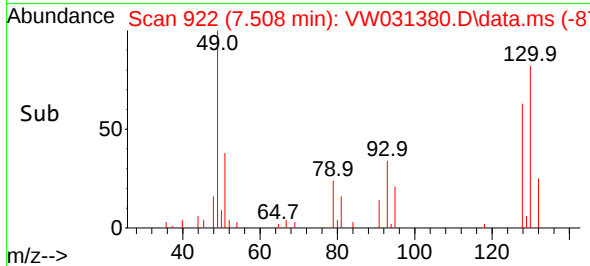


#23
Bromochloromethane
Concen: 1.278 ug/L
RT: 7.508 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Instrument :
MSVOA_W
ClientSampleId :

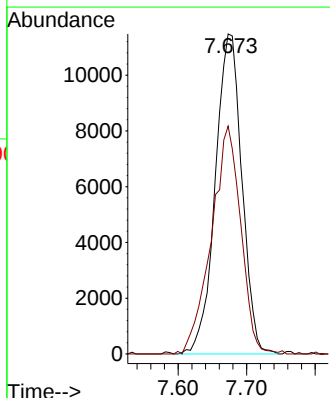
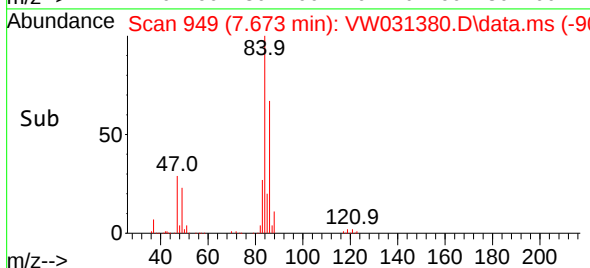
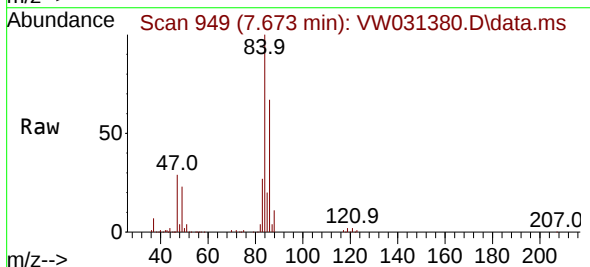


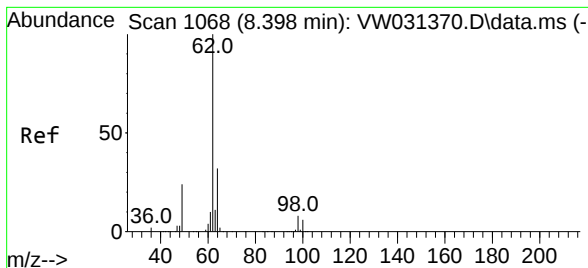
Tgt Ion:128 Resp: 4019
Ion Ratio Lower Upper
128 100
49 163.5 123.7 229.7
130 128.8 90.3 167.7
51 60.5 46.1 69.1



#25
Chloroform
Concen: 2.299 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Tgt Ion: 83 Resp: 30895
Ion Ratio Lower Upper
83 100
85 71.2 46.1 85.5





#27

1,2-Dichloroethane

Concen: 1.331 ug/L

RT: 8.404 min Scan# 11243

Delta R.T. 0.006 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

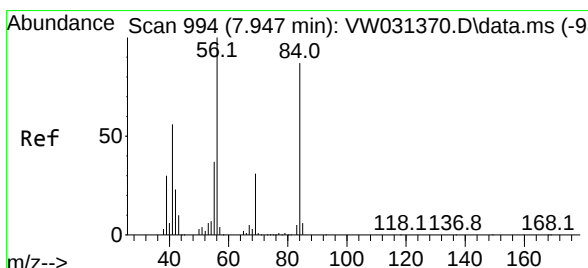
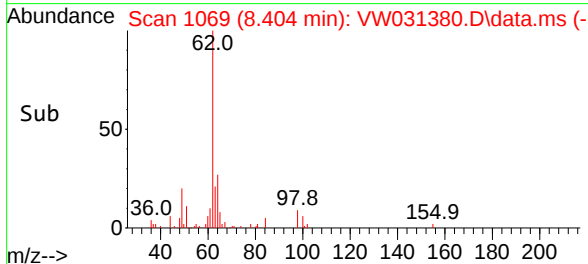
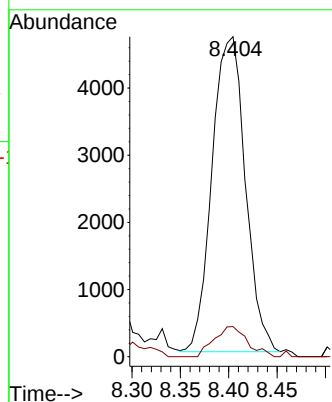
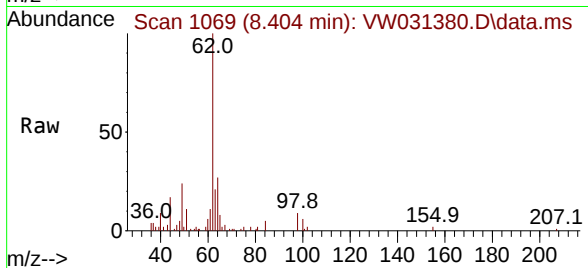
ClientSampleId :

Tgt Ion: 62 Resp: 11243

Ion Ratio Lower Upper

62 100

98 9.4 7.2 10.8



#29

Cyclohexane

Concen: 1.096 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.012 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

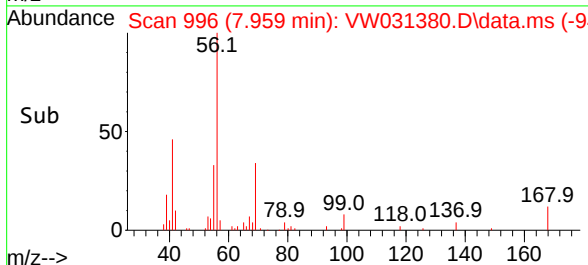
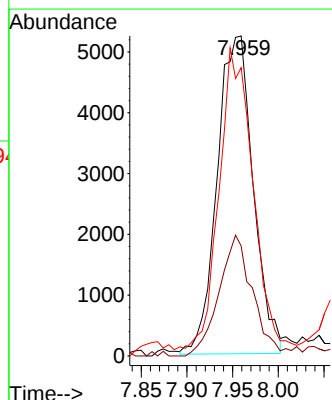
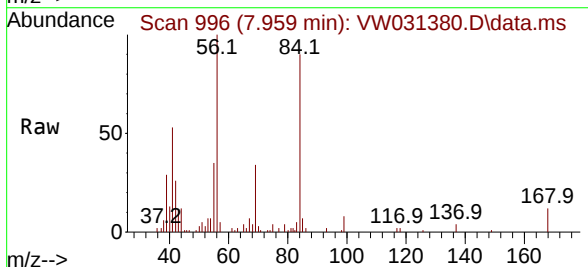
Tgt Ion: 56 Resp: 14352

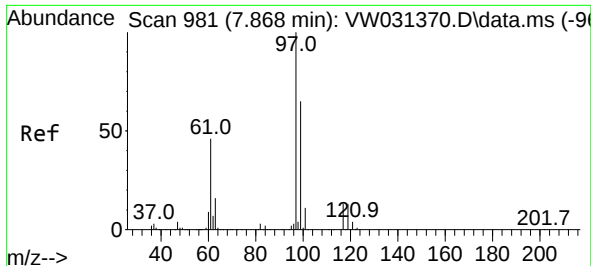
Ion Ratio Lower Upper

56 100

69 35.0 25.0 37.4

84 90.4 68.9 103.3

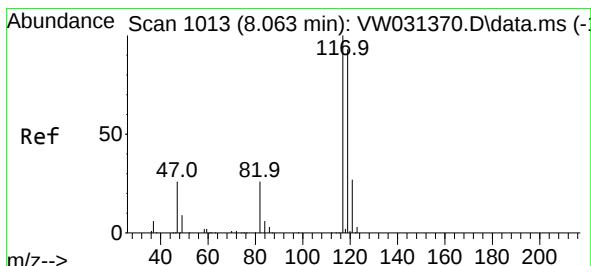
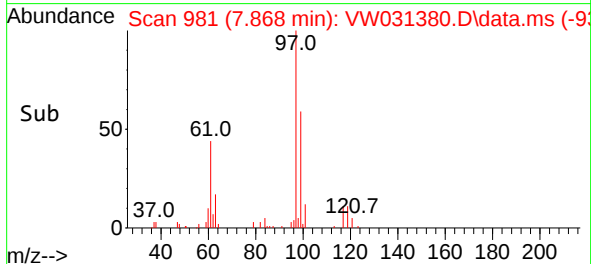
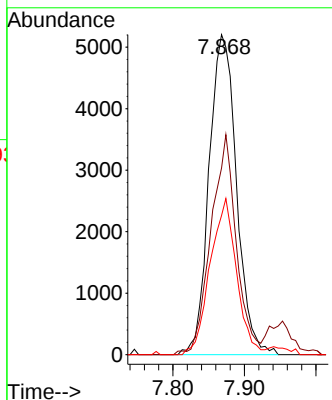
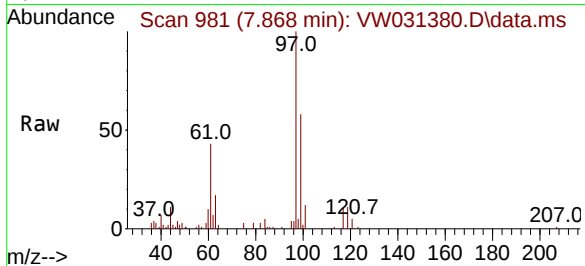




#30
1,1,1-Trichloroethane
Concen: 1.111 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

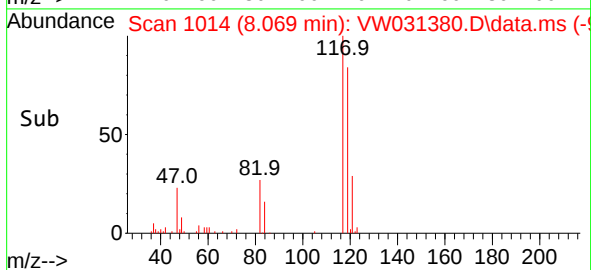
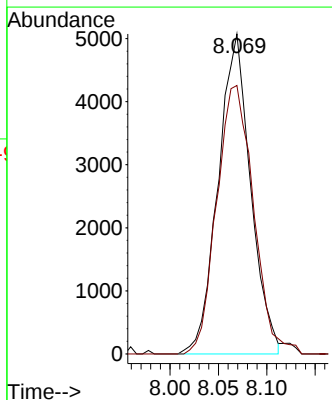
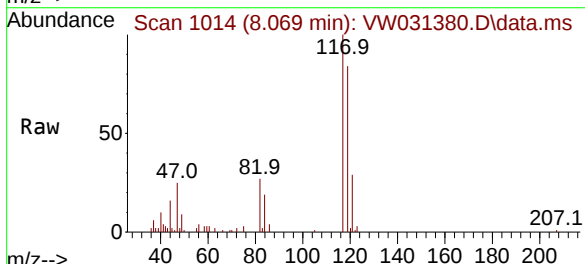
Instrument :
MSVOA_W
ClientSampleId :

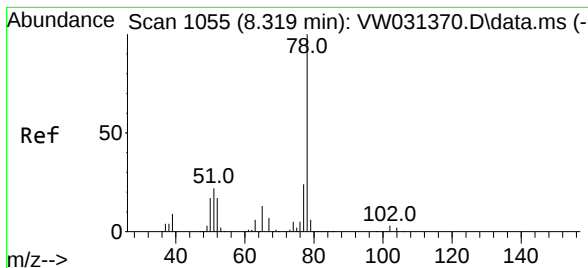
Tgt Ion: 97 Resp: 13867
Ion Ratio Lower Upper
97 100
99 62.4 51.1 76.7
61 47.0 36.3 54.5



#31
Carbon tetrachloride
Concen: 1.063 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Tgt Ion: 117 Resp: 11817
Ion Ratio Lower Upper
117 100
119 94.7 76.0 114.0





#33

Benzene

Concen: 1.221 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW031380.D

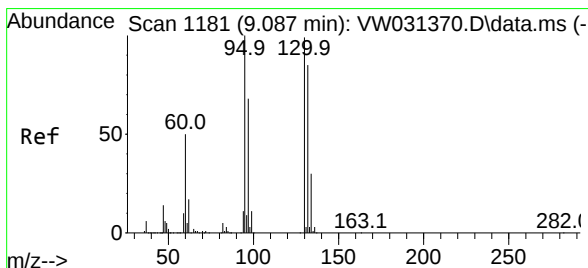
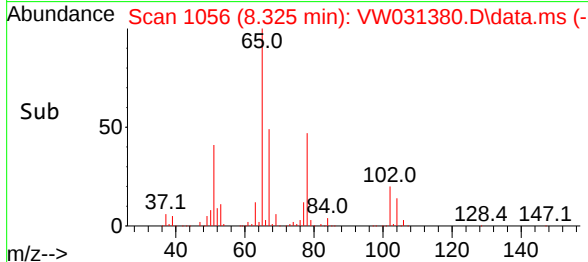
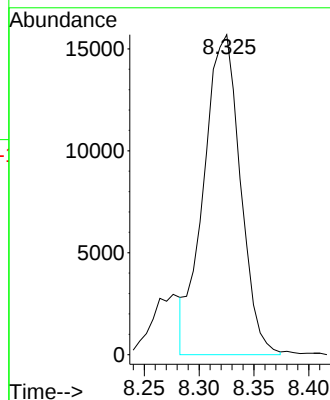
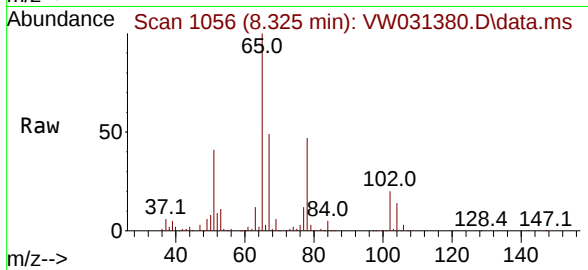
Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 36442



#34

Trichloroethene

Concen: 1.217 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Tgt Ion: 95 Resp: 10254

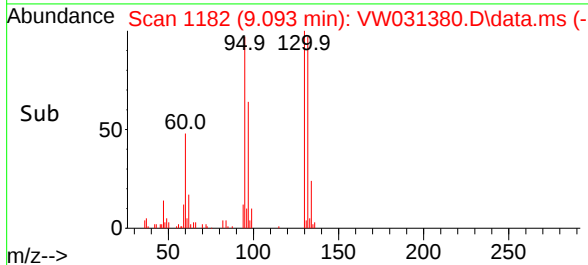
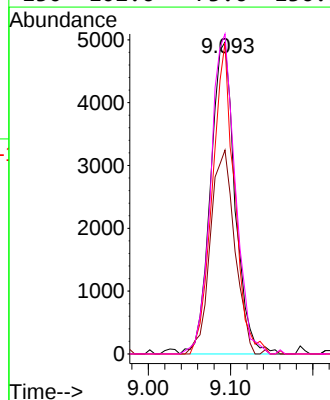
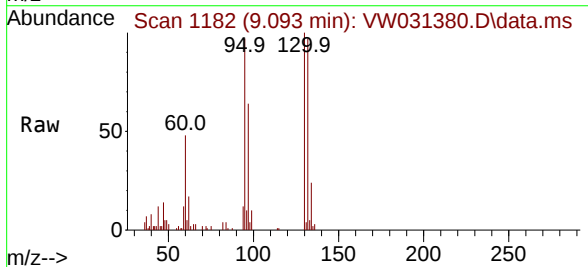
Ion Ratio Lower Upper

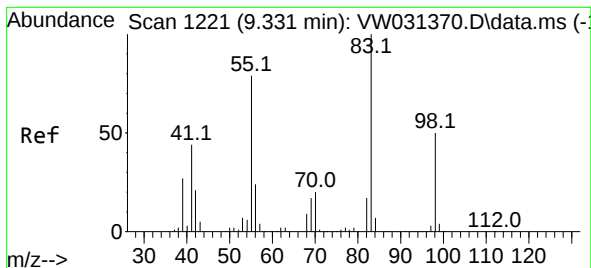
95 100

97 65.4 46.5 86.3

132 99.8 70.3 130.5

130 102.6 73.6 136.8





#35

Methylcyclohexane

Concen: 1.144 ug/L

RT: 9.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

ClientSampleId :

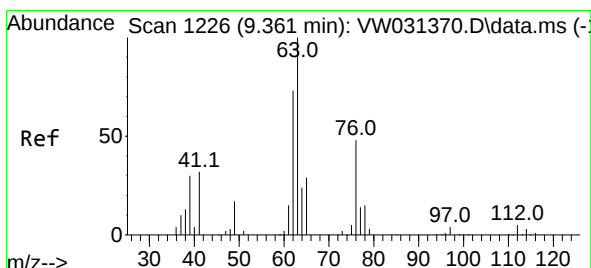
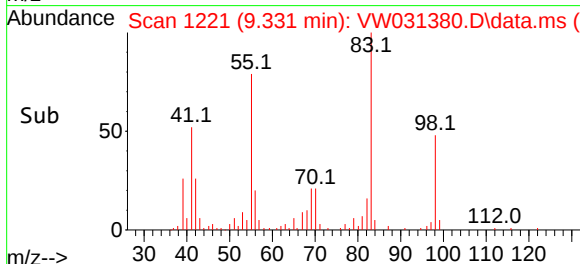
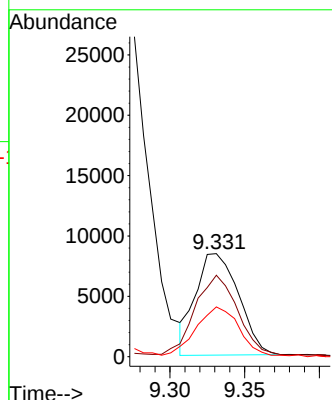
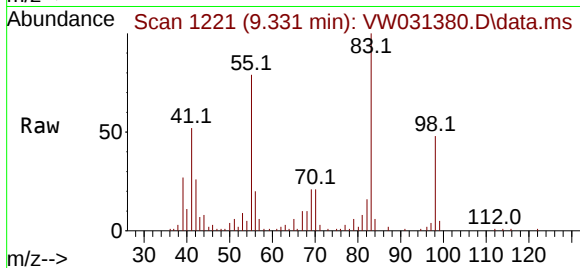
Tgt Ion: 83 Resp: 16787

Ion Ratio Lower Upper

83 100

55 81.2 62.6 93.8

98 49.8 39.8 59.6



#37

1,2-Dichloropropane

Concen: 1.276 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW031380.D

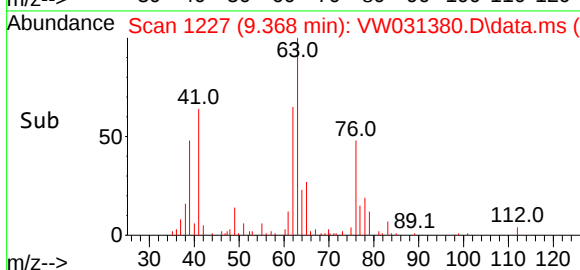
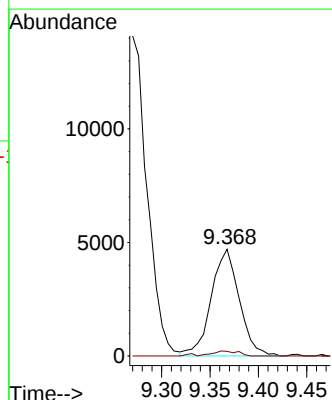
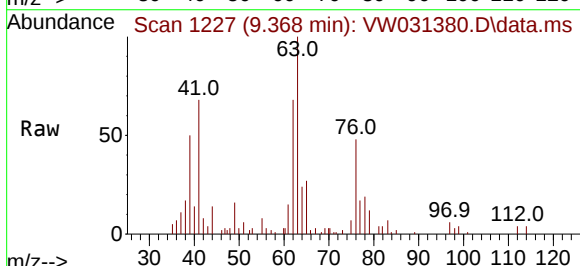
Acq: 19 Dec 2024 13:20

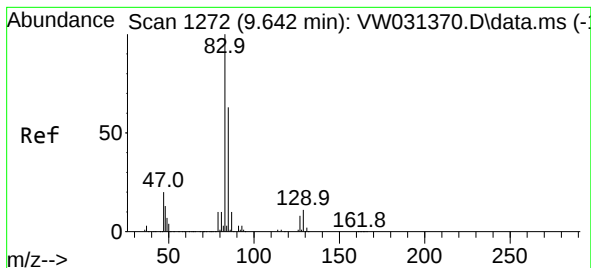
Tgt Ion: 63 Resp: 9497

Ion Ratio Lower Upper

63 100

112 3.2 3.8 5.8#





#38

Bromodichloromethane

Concen: 1.116 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

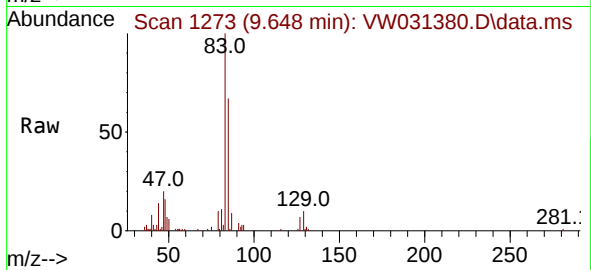
Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

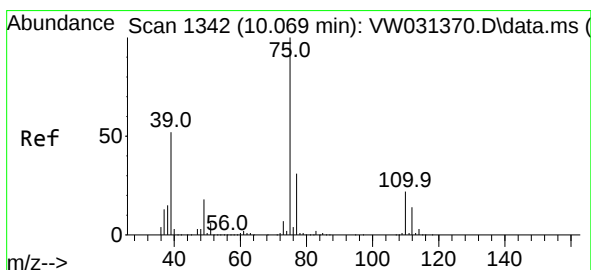
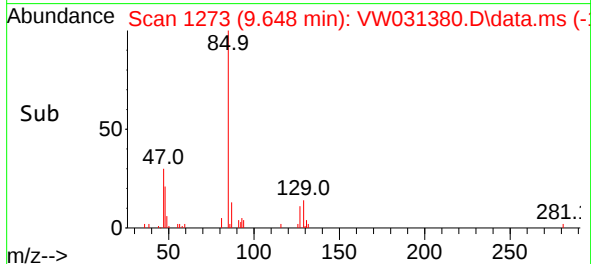
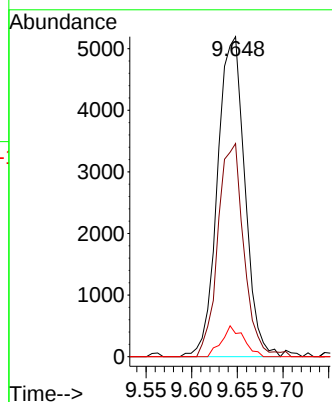
MSVOA_W

ClientSampleId :



Tgt Ion: 83 Resp: 10800

Ion	Ratio	Lower	Upper
83	100		
85	66.6	46.5	86.5
127	7.2	6.2	9.4



#39

cis-1,3-Dichloropropene

Concen: 1.073 ug/L

RT: 10.069 min Scan# 1342

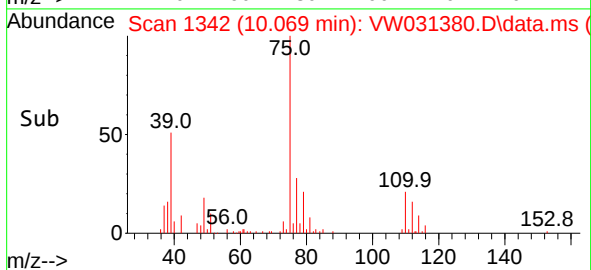
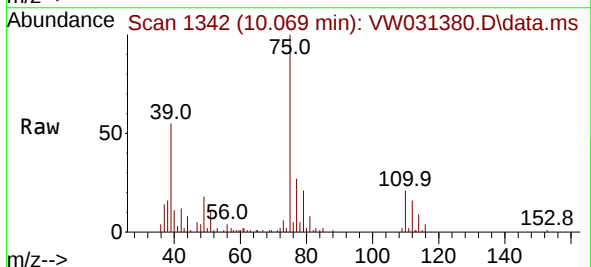
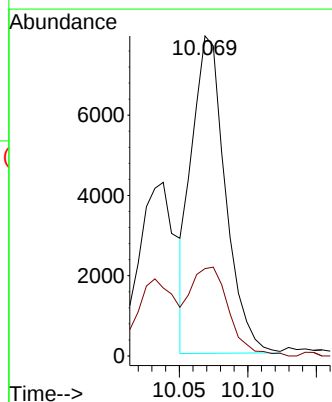
Delta R.T. 0.000 min

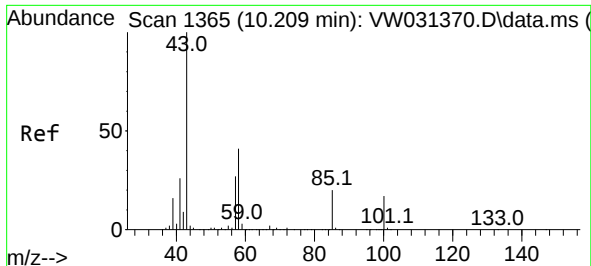
Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Tgt Ion: 75 Resp: 13496

Ion	Ratio	Lower	Upper
75	100		
77	27.3	21.8	40.4





#40

4-Methyl-2-pentanone

Concen: 3.770 ug/L

RT: 10.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

ClientSampleId :

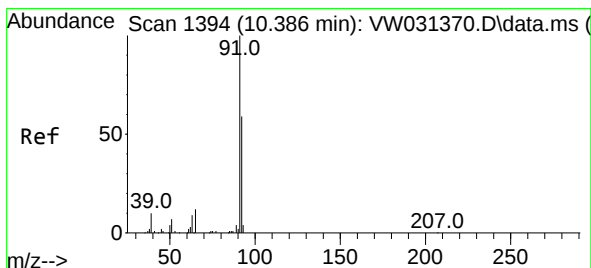
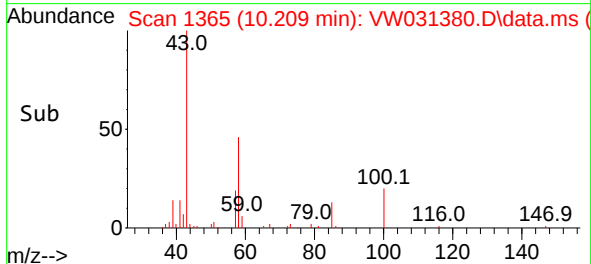
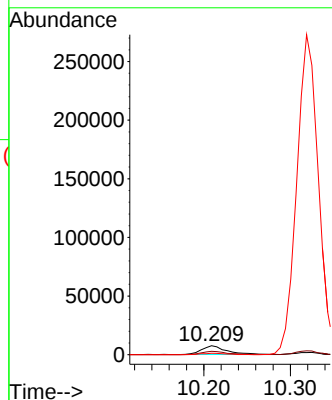
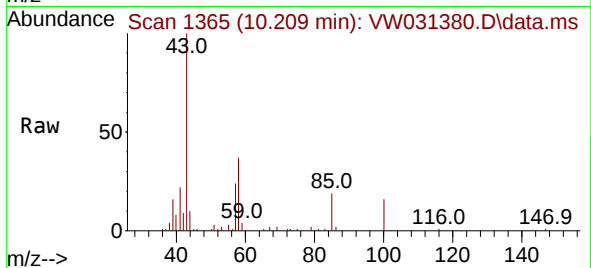
Tgt Ion: 43 Resp: 14888

Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 15.6 13.0 19.6



#42

Toluene

Concen: 1.201 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031380.D

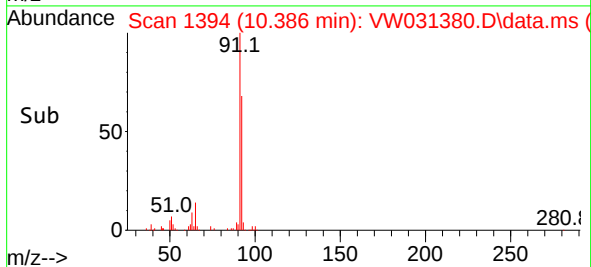
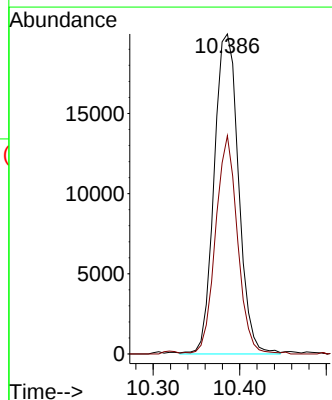
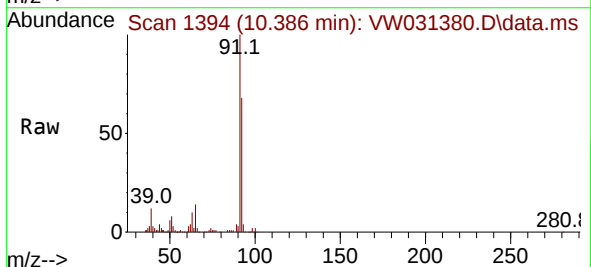
Acq: 19 Dec 2024 13:20

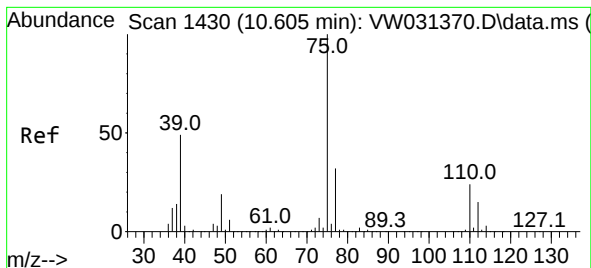
Tgt Ion: 91 Resp: 39032

Ion Ratio Lower Upper

91 100

92 68.2 40.3 74.9





#44

trans-1,3-Dichloropropene

Concen: 1.100 ug/L

RT: 10.599 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

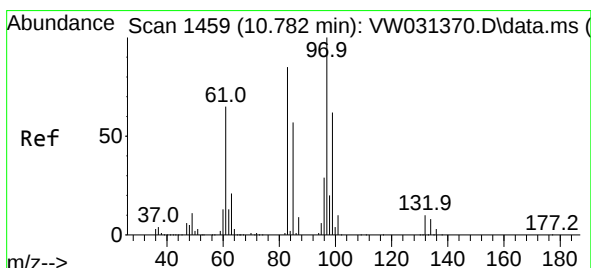
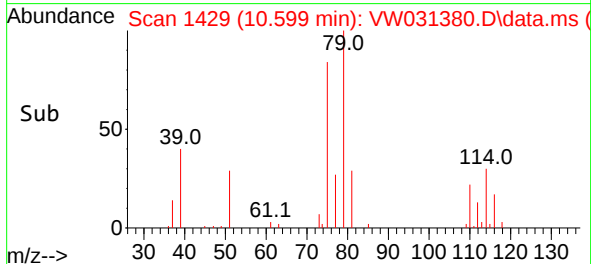
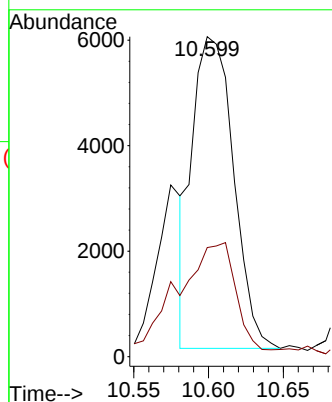
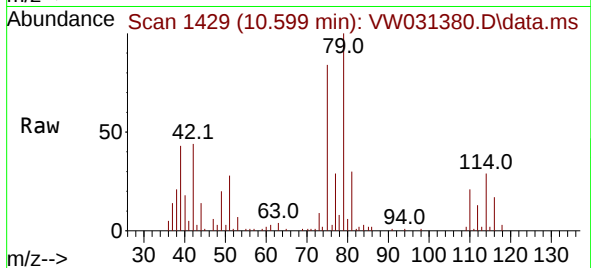
ClientSampleId :

Tgt Ion: 75 Resp: 11303

Ion Ratio Lower Upper

75 100

77 34.1 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 1.388 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Tgt Ion: 97 Resp: 6874

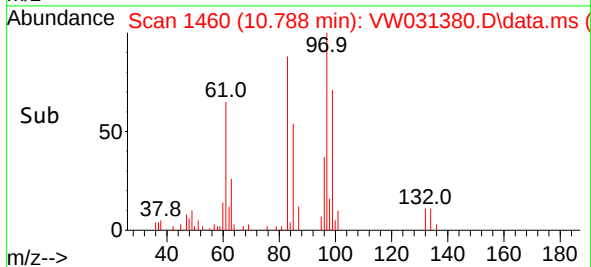
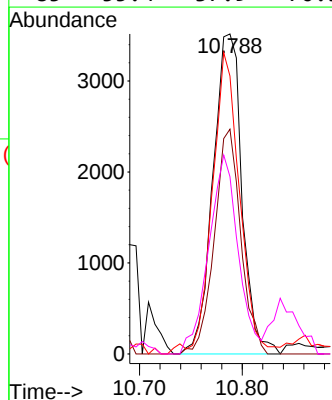
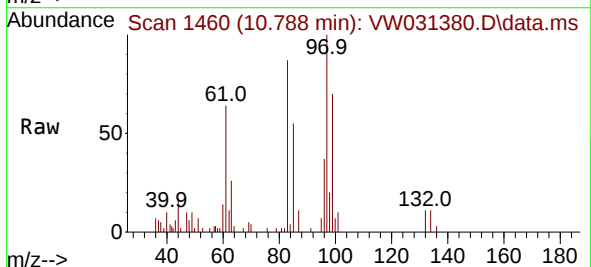
Ion Ratio Lower Upper

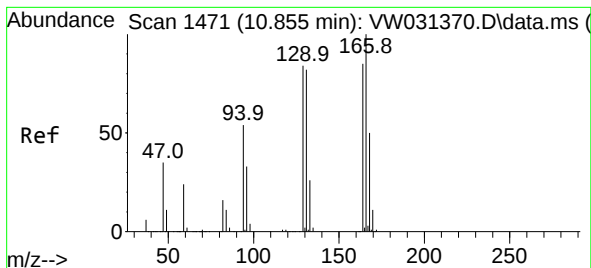
97 100

99 70.2 43.0 80.0

83 86.8 56.4 104.7

85 55.4 37.9 70.3





#46

Tetrachloroethene

Concen: 1.278 ug/L

RT: 10.861 min Scan# 1471

Delta R.T. 0.006 min

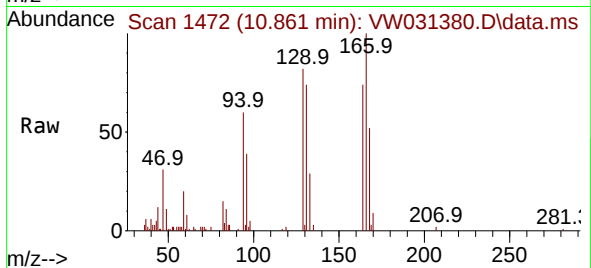
Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 7885

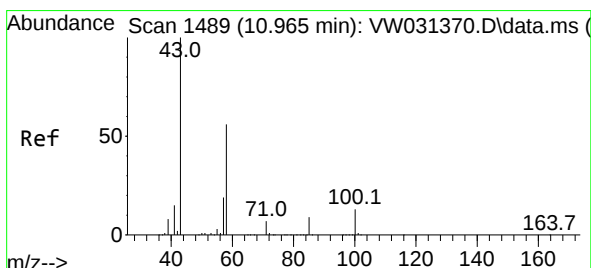
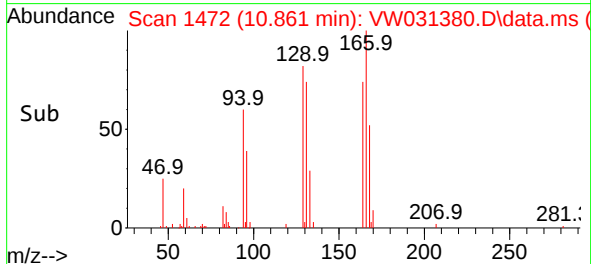
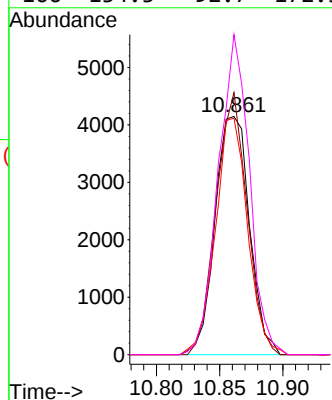
Ion Ratio Lower Upper

164 100

129 110.0 73.5 136.5

131 99.3 66.6 123.8

166 134.3 92.7 172.3



#48

2-Hexanone

Concen: 1.973 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Tgt Ion: 43 Resp: 6626

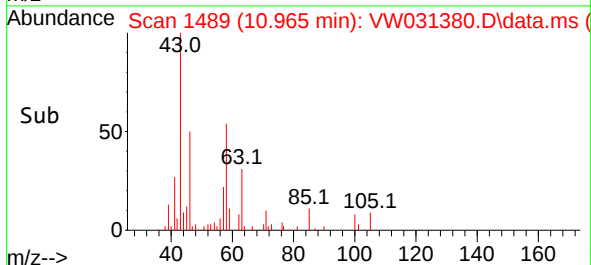
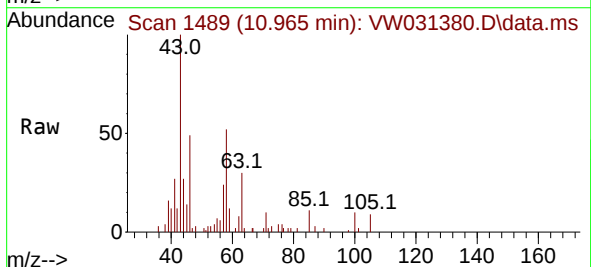
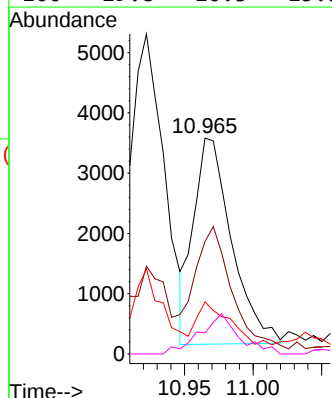
Ion Ratio Lower Upper

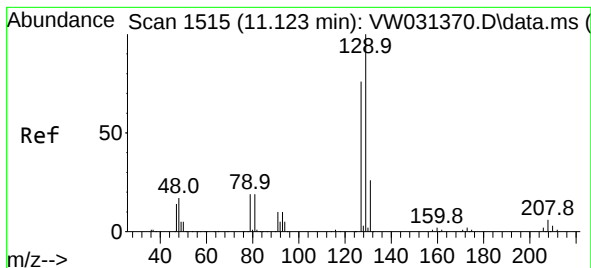
43 100

58 66.0 43.0 64.6#

57 23.6 15.7 23.5#

100 19.8 10.3 15.5#





#49

Dibromochloromethane

Concen: 1.113 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

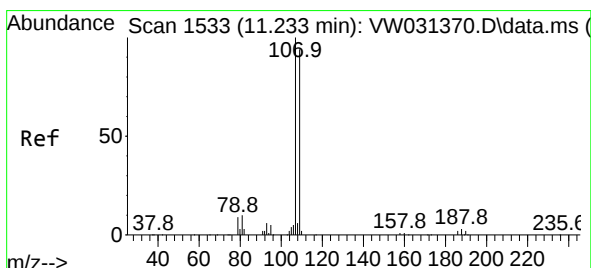
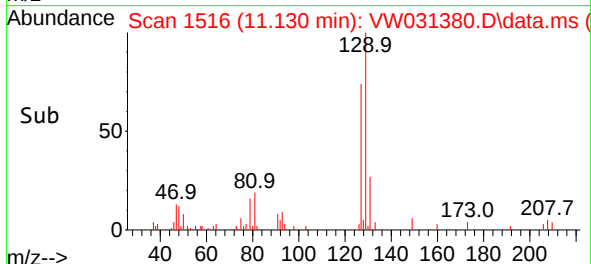
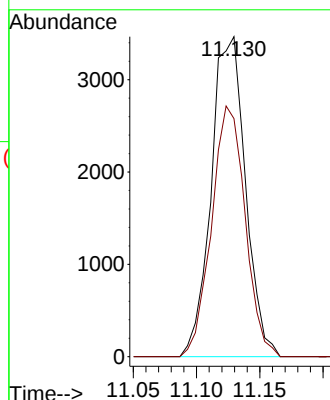
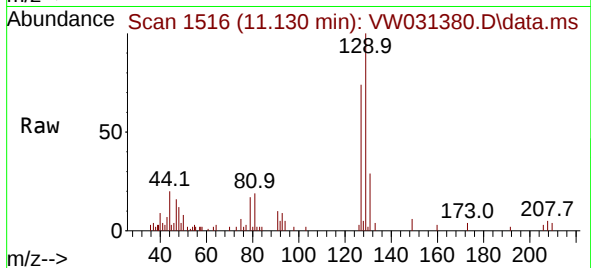
ClientSampleId :

Tgt Ion:129 Resp: 6532

Ion Ratio Lower Upper

129 100

127 74.4 57.6 107.0



#50

1,2-Dibromoethane

Concen: 1.354 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

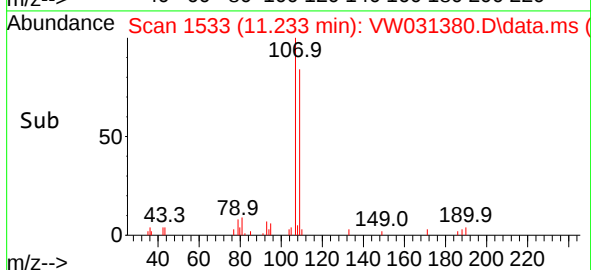
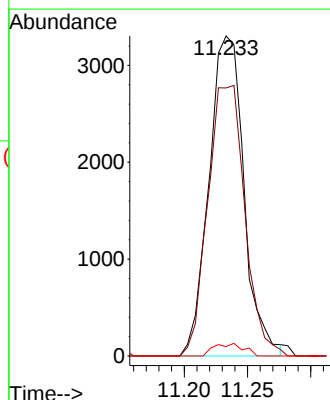
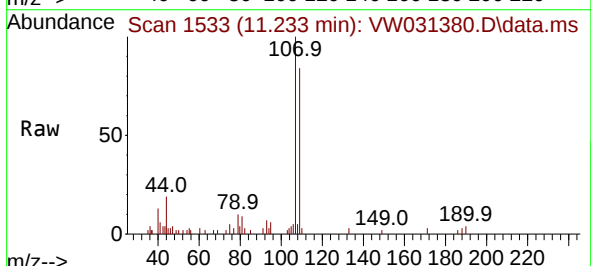
Tgt Ion:107 Resp: 6349

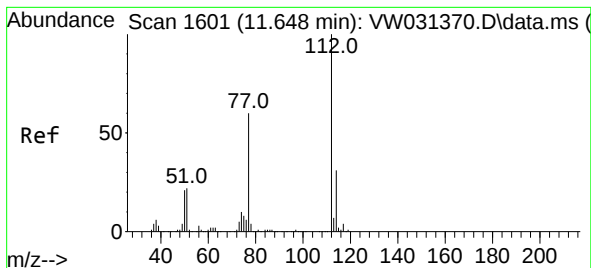
Ion Ratio Lower Upper

107 100

109 83.7 63.2 117.4

188 3.0 2.6 4.0





#51

Chlorobenzene

Concen: 1.227 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

ClientSampleId :

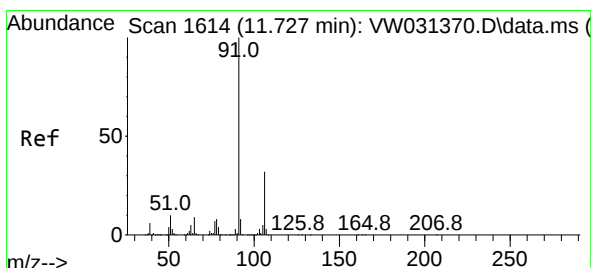
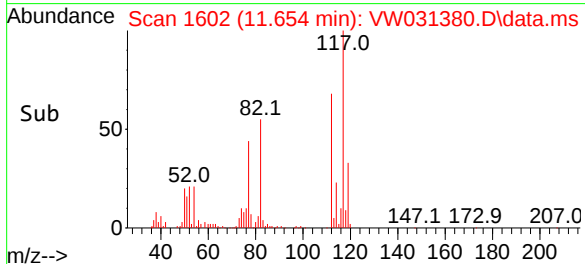
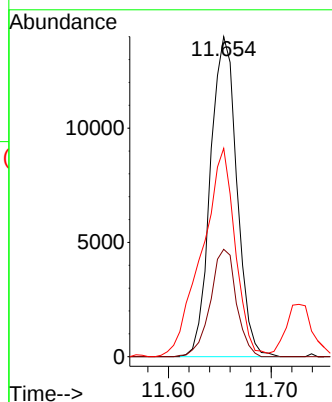
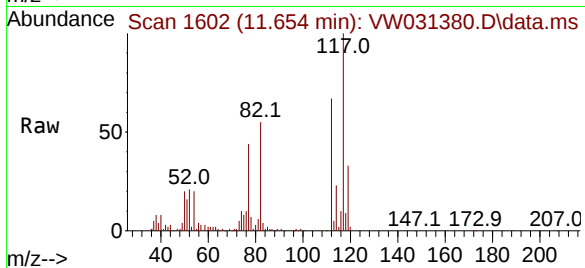
Tgt Ion:112 Resp: 24990

Ion Ratio Lower Upper

112 100

114 33.5 22.7 42.3

77 65.1 50.2 75.4



#52

Ethylbenzene

Concen: 1.222 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031380.D

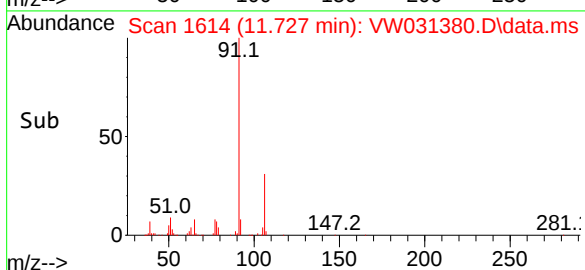
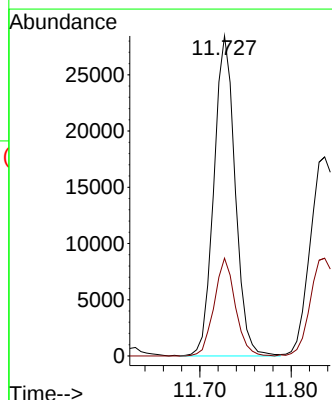
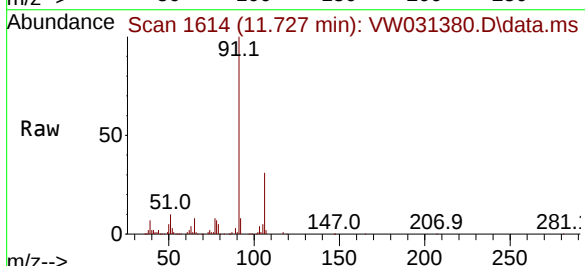
Acq: 19 Dec 2024 13:20

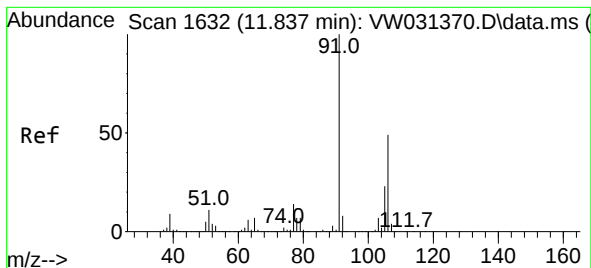
Tgt Ion: 91 Resp: 46025

Ion Ratio Lower Upper

91 100

106 30.5 20.7 38.5





#53

m,p-Xylene

Concen: 1.248 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

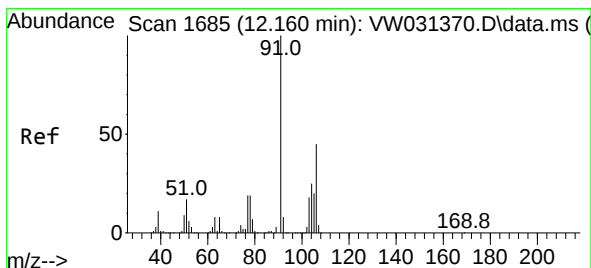
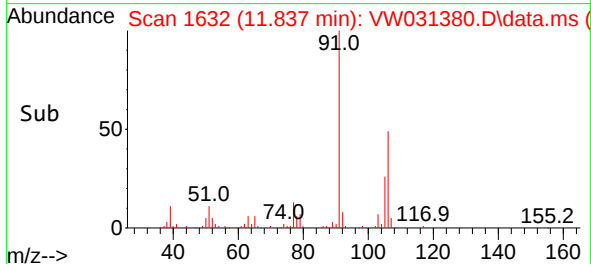
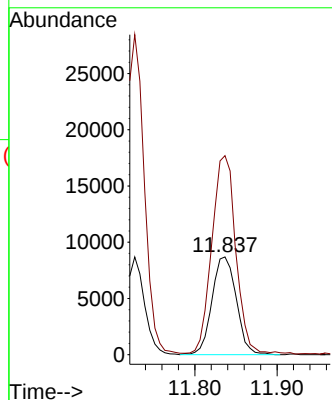
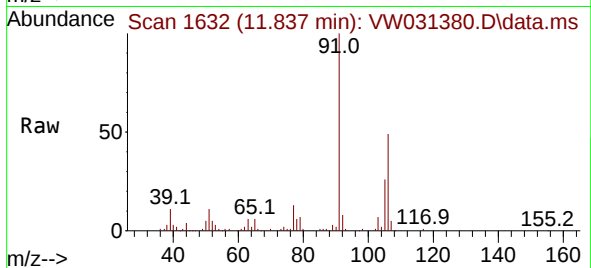
ClientSampleId :

Tgt Ion:106 Resp: 17887

Ion Ratio Lower Upper

106 100

91 203.5 139.9 259.7



#54

o-Xylene

Concen: 1.177 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW031380.D

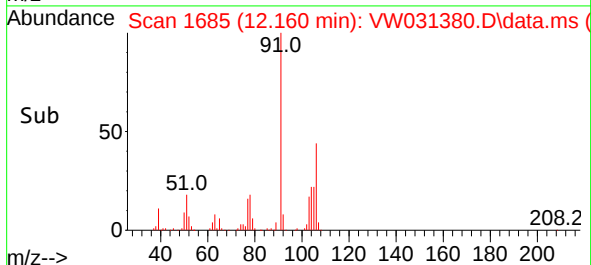
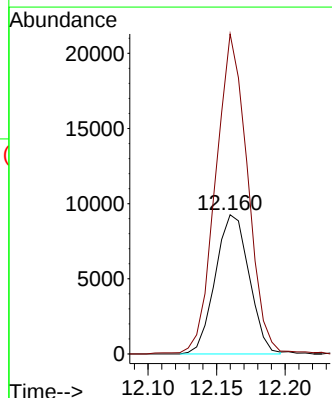
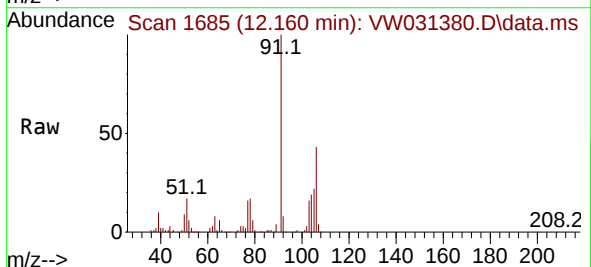
Acq: 19 Dec 2024 13:20

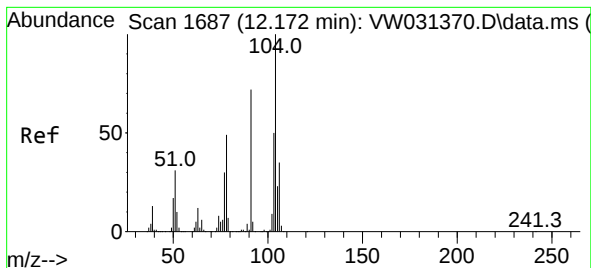
Tgt Ion:106 Resp: 15894

Ion Ratio Lower Upper

106 100

91 230.0 153.1 284.3





#55

Styrene

Concen: 1.181 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

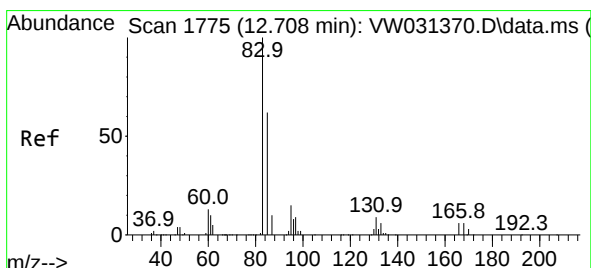
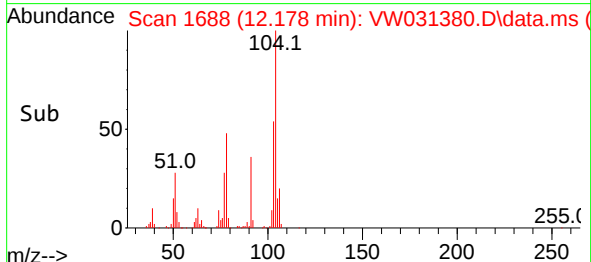
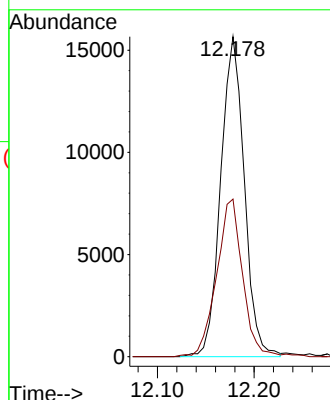
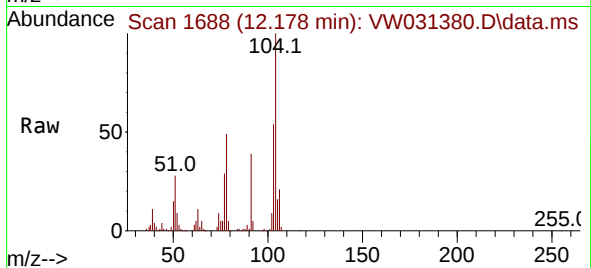
ClientSampleId :

Tgt Ion:104 Resp: 26527

Ion Ratio Lower Upper

104 100

78 49.2 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 1.588 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

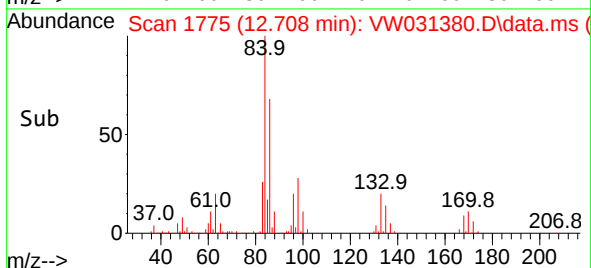
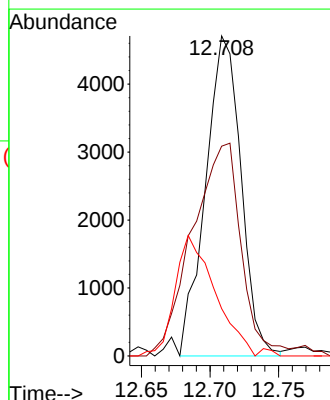
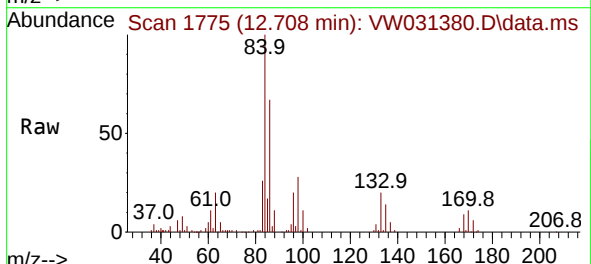
Tgt Ion: 83 Resp: 8477

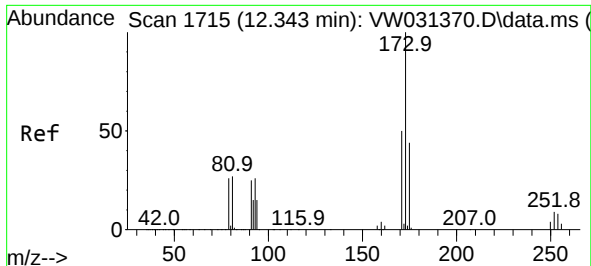
Ion Ratio Lower Upper

83 100

85 65.6 44.1 81.9

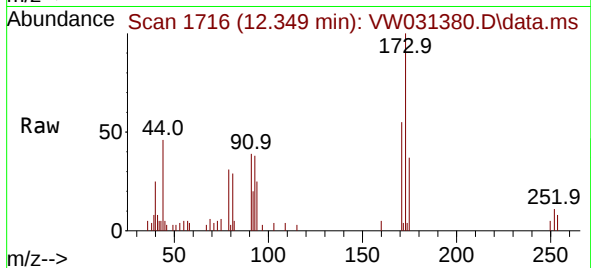
131 14.8 7.9 11.9#



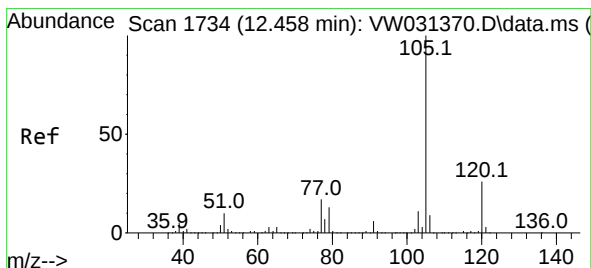
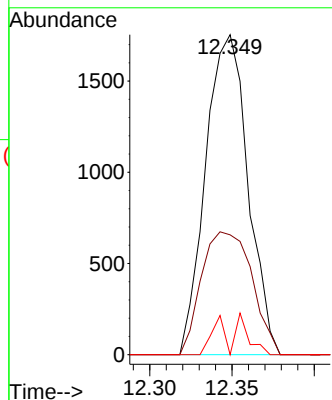
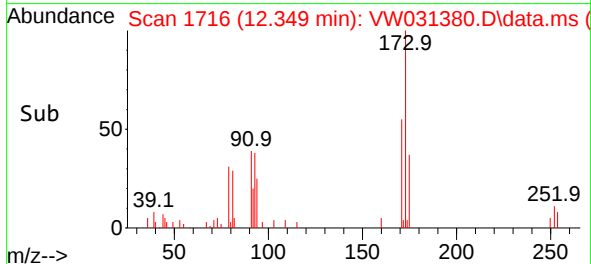


#59
Bromoform
Concen: 0.923 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Instrument :
MSVOA_W
ClientSampleId :

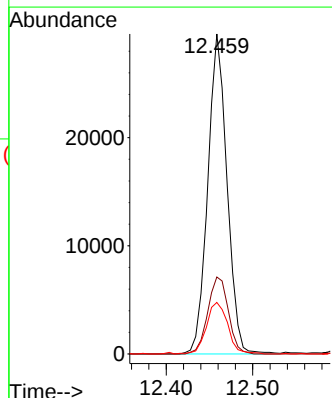
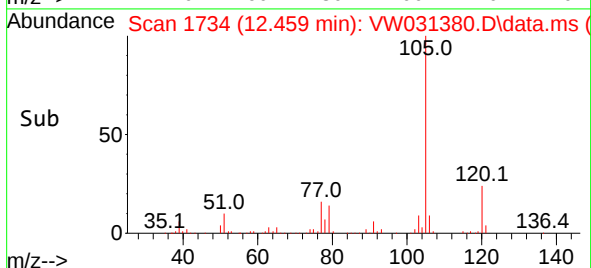
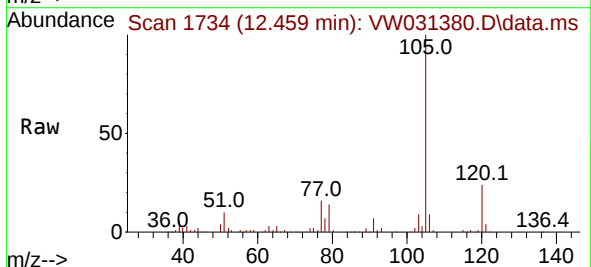


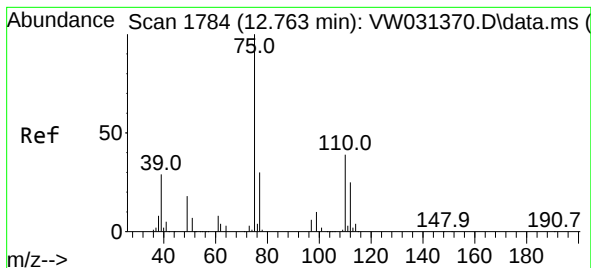
Tgt Ion:173 Resp: 3140
Ion Ratio Lower Upper
173 100
175 2.7 38.6 57.8#
254 3.9 7.6 11.4#



#60
Isopropylbenzene
Concen: 1.154 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Tgt Ion:105 Resp: 45740
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 17.8 12.8 19.2





#61

1,2,3-Trichloropropane

Concen: 1.402 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031380.D

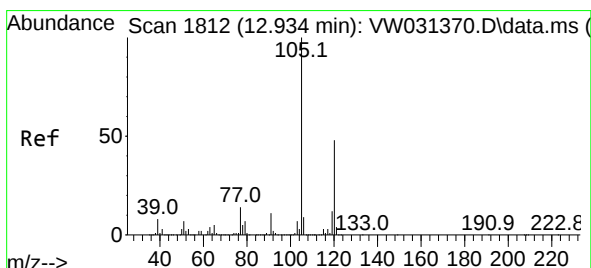
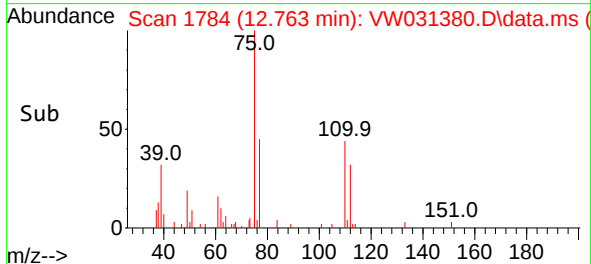
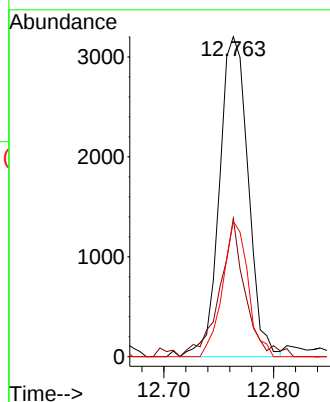
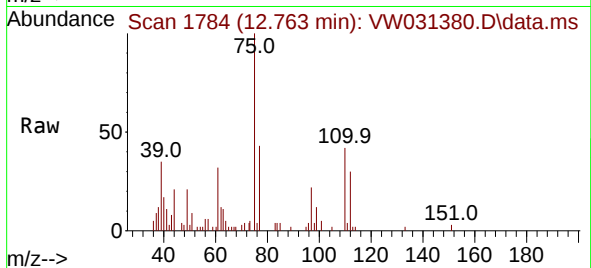
Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	5812
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.3	37.9
110	37.6	31.2	46.8



#62

1,3,5-Trimethylbenzene

Concen: 1.086 ug/L

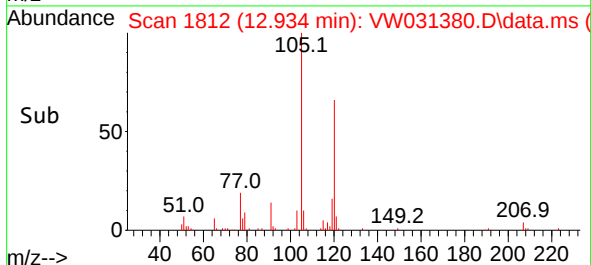
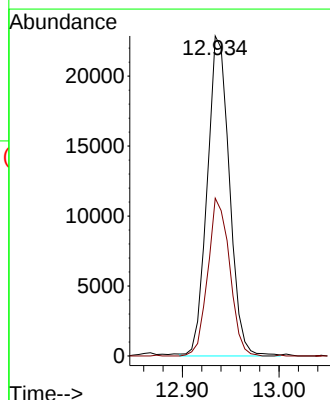
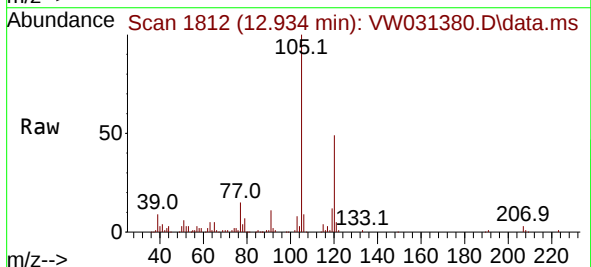
RT: 12.934 min Scan# 1812

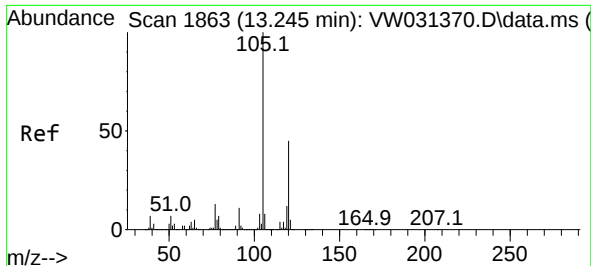
Delta R.T. 0.000 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Tgt Ion:	105	Resp:	36501
Ion	Ratio	Lower	Upper
105	100		
120	48.4	37.3	55.9

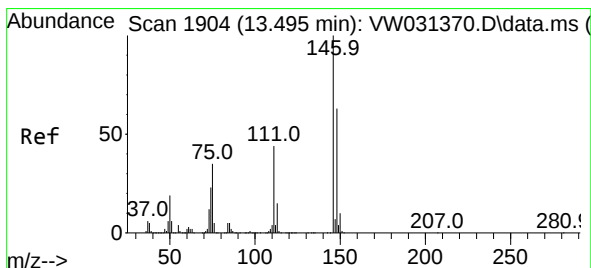
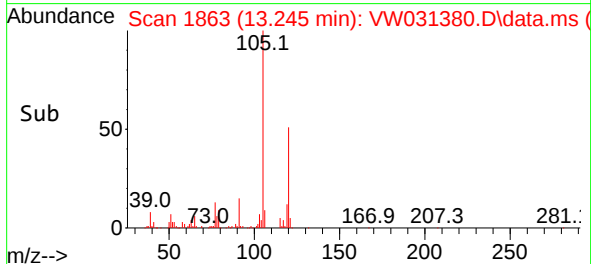
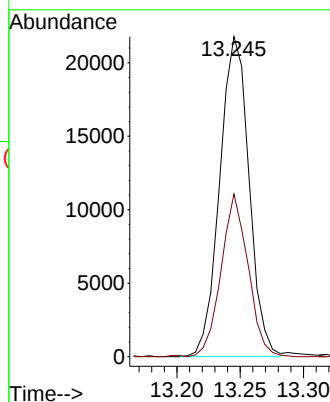
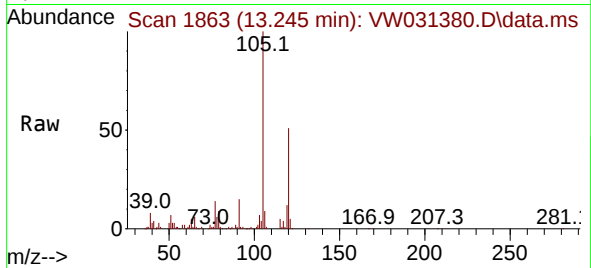




#63
1,2,4-Trimethylbenzene
Concen: 1.079 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

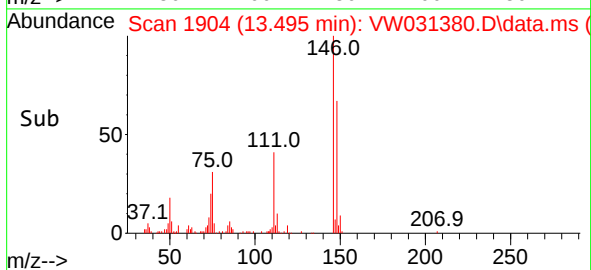
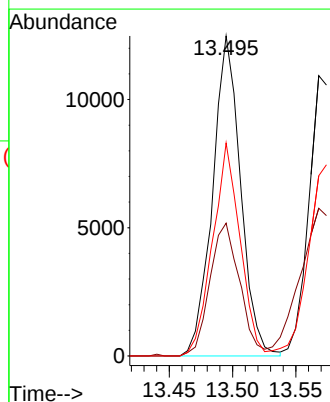
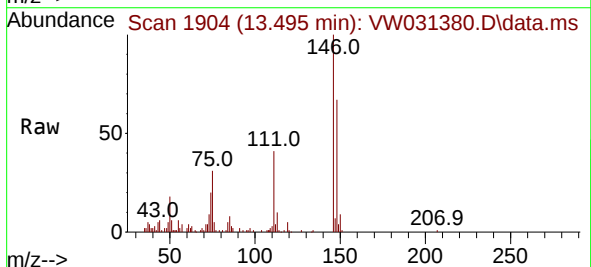
Instrument :
MSVOA_W
ClientSampleId :

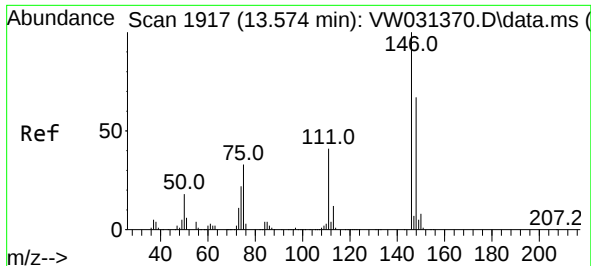
Tgt Ion:105 Resp: 35071
Ion Ratio Lower Upper
105 100
120 46.8 35.0 52.4



#64
1,3-Dichlorobenzene
Concen: 1.194 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Tgt Ion:146 Resp: 19184
Ion Ratio Lower Upper
146 100
111 41.5 27.6 51.2
148 66.6 41.0 76.2

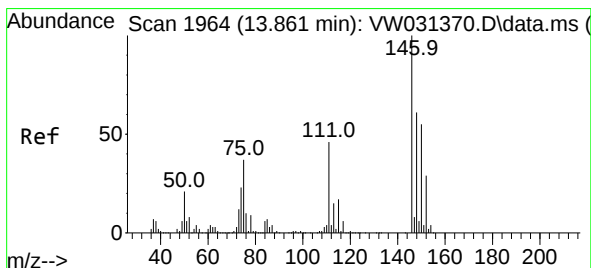
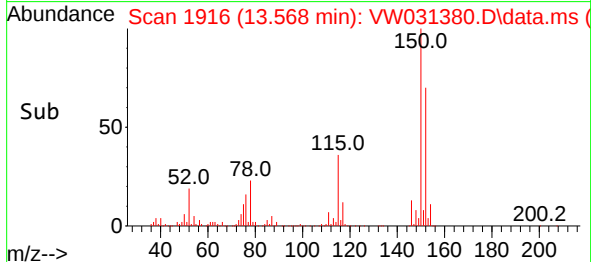
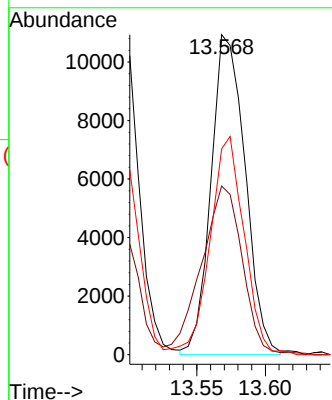
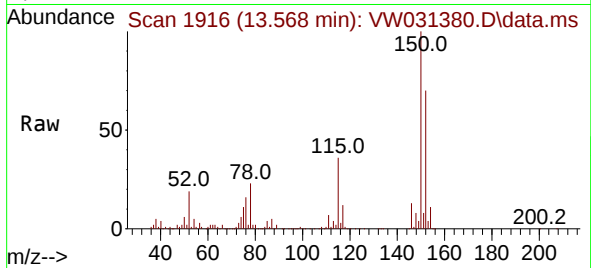




#65
1,4-Dichlorobenzene
Concen: 1.190 ug/L
RT: 13.568 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

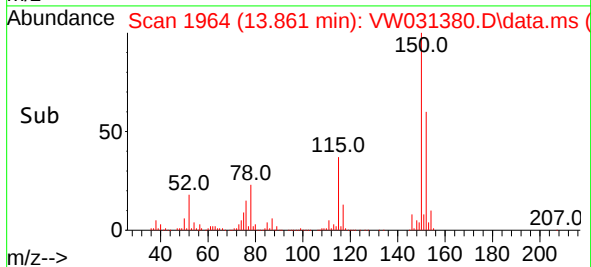
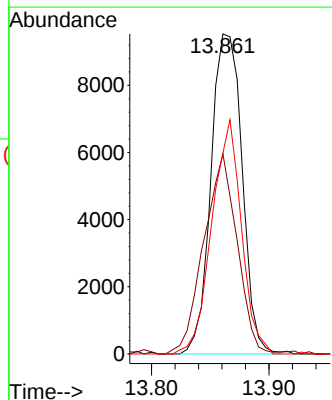
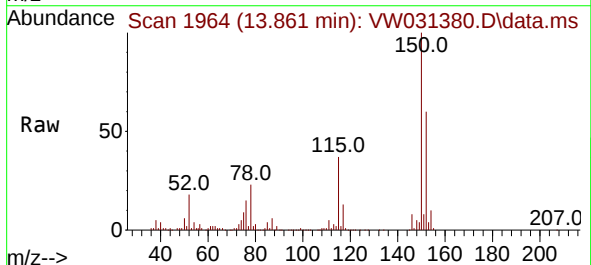
Instrument :
MSVOA_W
ClientSampleId :

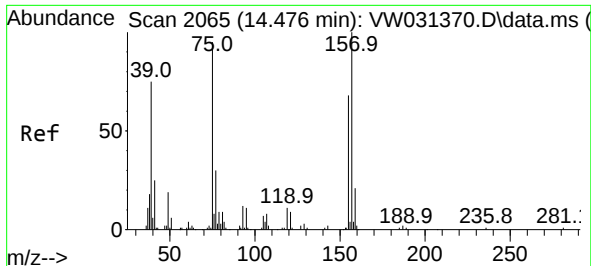
Tgt Ion:146 Resp: 18934
Ion Ratio Lower Upper
146 100
111 52.7 30.7 56.9
148 64.3 46.5 86.3



#67
1,2-Dichlorobenzene
Concen: 1.266 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW031380.D
Acq: 19 Dec 2024 13:20

Tgt Ion:146 Resp: 17529
Ion Ratio Lower Upper
146 100
111 62.6 38.6 58.0#
148 62.7 53.6 80.4





#68

1,2-Dibromo-3-chloropropane

Concen: 1.565 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Instrument :

MSVOA_W

ClientSampleId :

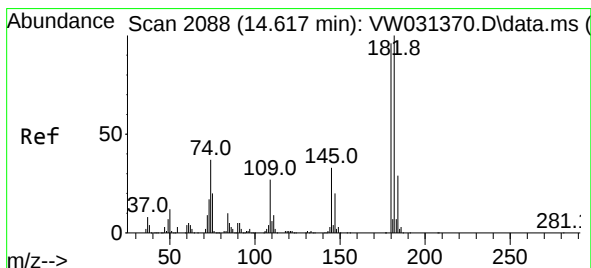
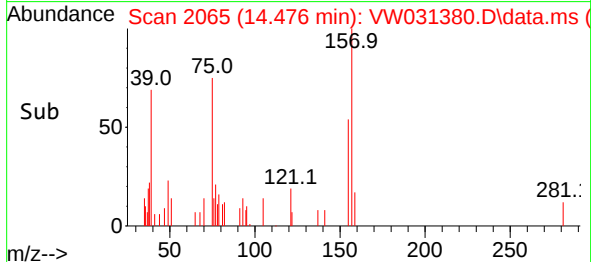
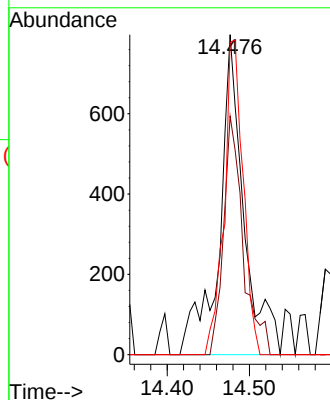
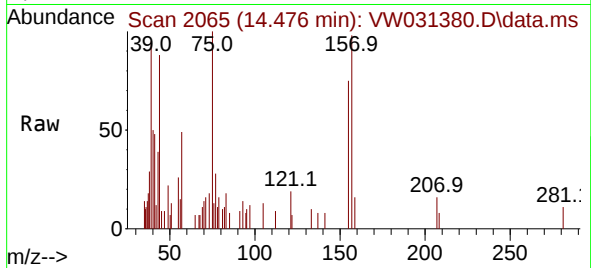
Tgt Ion: 75 Resp: 1647

Ion Ratio Lower Upper

75 100

155 74.5 56.6 85.0

157 97.6 71.2 106.8



#69

1,3,5-Trichlorobenzene

Concen: 1.138 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW031380.D

Acq: 19 Dec 2024 13:20

Tgt Ion:180 Resp: 12798

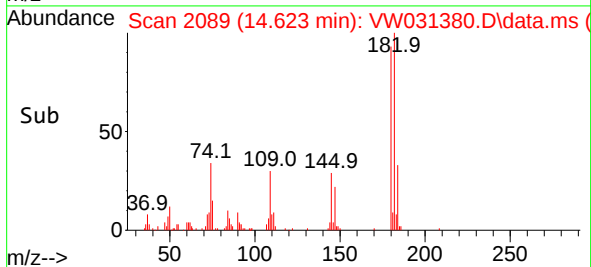
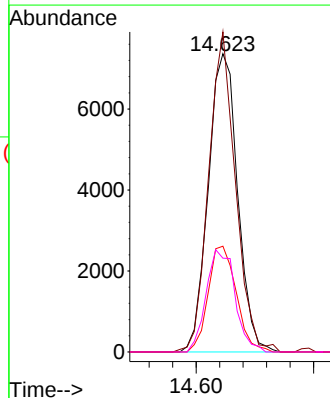
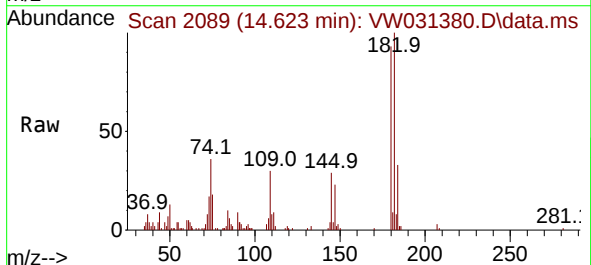
Ion Ratio Lower Upper

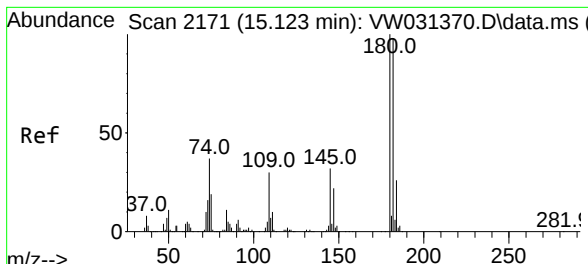
180 100

182 97.0 75.0 112.4

184 34.0 24.6 36.8

145 33.7 25.7 38.5

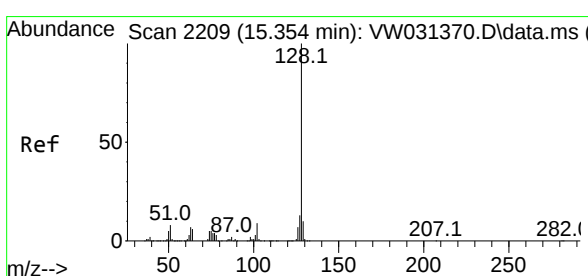
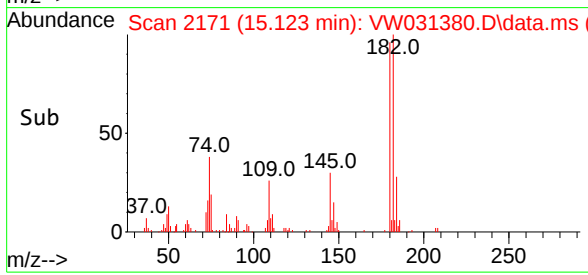
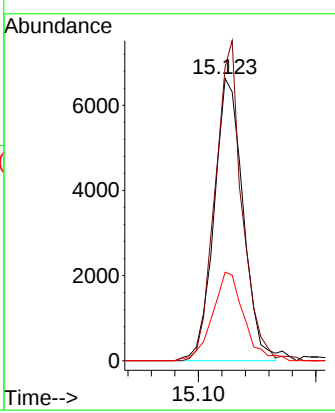
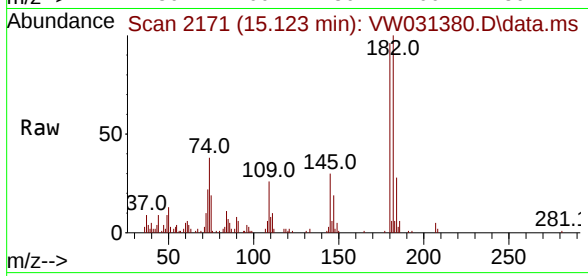




#70
 1,2,4-trichlorobenzene
 Concen: 1.216 ug/L
 RT: 15.123 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: VW031380.D
 Acq: 19 Dec 2024 13:20

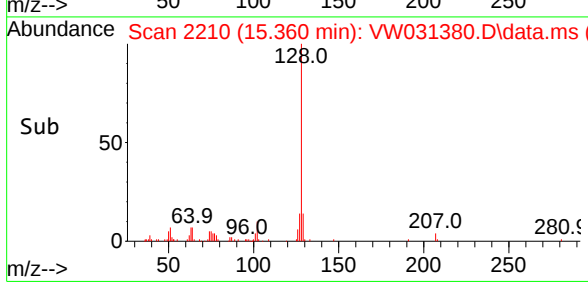
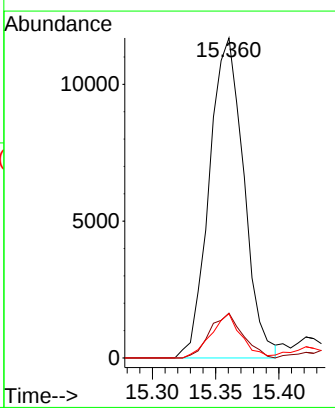
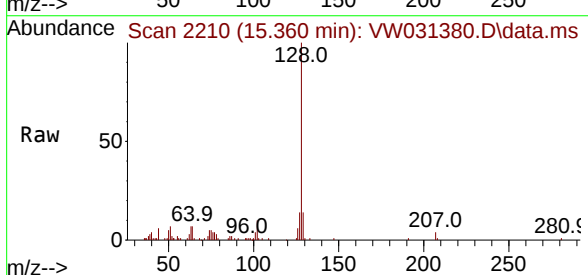
Instrument :
 MSVOA_W
 ClientSampleId :

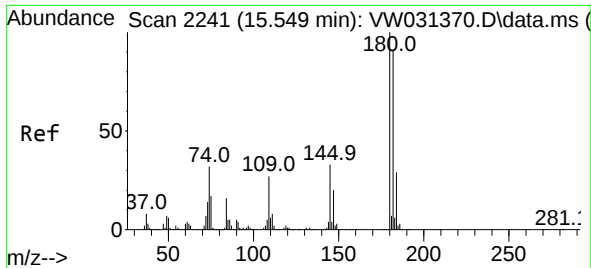
Tgt Ion:	180	Resp:	11377
Ion Ratio	Lower	Upper	
180	100		
182	103.9	78.2	117.2
145	33.1	26.7	40.1



#71
 Naphthalene
 Concen: 1.351 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VW031380.D
 Acq: 19 Dec 2024 13:20

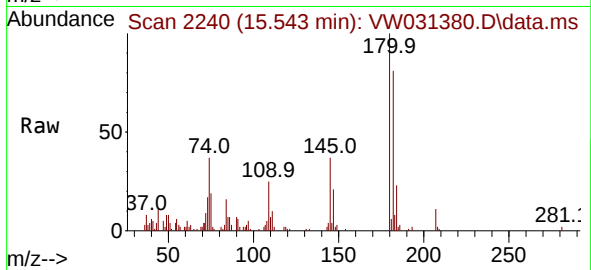
Tgt Ion:	128	Resp:	22174
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	12.1	8.6	13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.342 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031380.D
 Acq: 19 Dec 2024 13:20

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	10122
Ion Ratio	Lower	Upper	
180	100		
182	96.5	75.0	112.4
145	34.8	27.8	41.6

