

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031074.D
 Acq On : 20 Nov 2024 17:39
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 04:20:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 04:10:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	412863	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	379582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	191941	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	153839	30.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.280%
7) Chloroethane-d5	2.899	69	117075	29.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.880%
11) 1,1-Dichloroethene-d2	4.021	65	70112	28.192	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	112.760%#
21) 2-Butanone-d5	7.069	46	64191	55.391	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.780%
24) Chloroform-d	7.648	84	307844	27.449	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	8.307	65	150777	27.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.080%
32) Benzene-d6	8.276	84	626316	29.136	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.560%
36) 1,2-Dichloropropane-d6	9.270	67	179918	28.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.520%
41) Toluene-d8	10.319	98	580965	29.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.680%
43) trans-1,3-Dichloroprop...	10.575	79	76040	28.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.280%
47) 2-Hexanone-d5	10.922	63	51691	56.743	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132761	27.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	191614	28.564	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.240%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.015	85	114231	23.338	ug/L	96
3) Chloromethane	2.223	50	128623	21.375	ug/L	100
5) Vinyl chloride	2.375	62	148327	23.905	ug/L	96
6) Bromomethane	2.796	94	99439	22.951	ug/L	97
8) Chloroethane	2.936	64	88067	23.663	ug/L	98
9) Trichlorofluoromethane	3.277	101	176314	20.544	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	128528	22.133	ug/L #	65
12) 1,1-Dichloroethene	4.045	96	126514	22.362	ug/L	93
13) Acetone	4.112	43	68579	39.868	ug/L	100
14) Carbon disulfide	4.387	76	411967	22.465	ug/L	99
15) Methyl Acetate	4.673	43	47449	21.251	ug/L	99
16) Methylene chloride	4.917	84	131537	22.255	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	133529	21.758	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	199953	22.610	ug/L	99
19) 1,1-Dichloroethane	6.222	63	236993	22.036	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	142725	22.042	ug/L	96
22) 2-Butanone	7.167	43	75709	40.699	ug/L	100
23) Bromochloromethane	7.514	128	63561	21.908	ug/L	89
25) Chloroform	7.679	83	244524	21.752	ug/L	96

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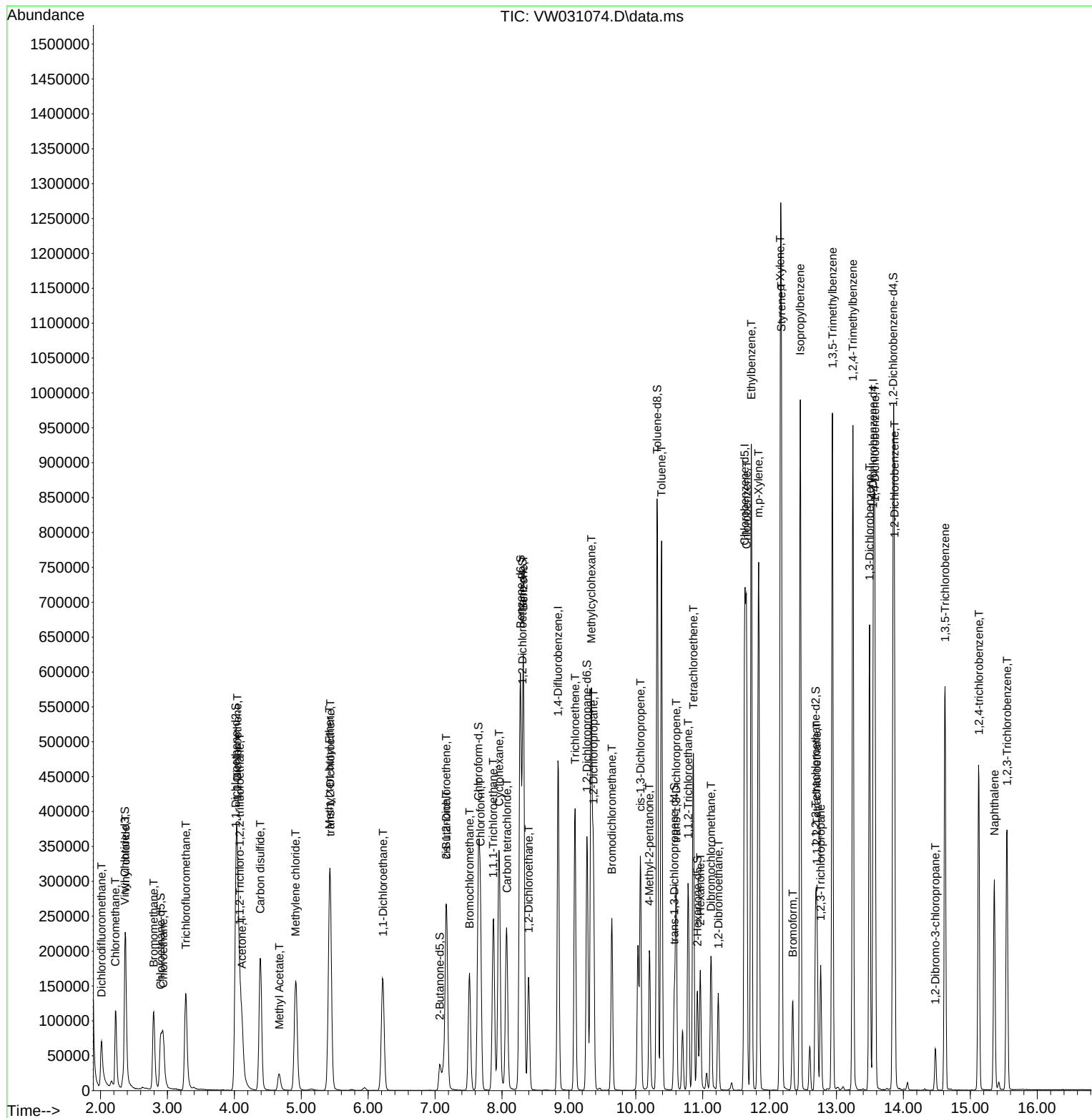
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148227	22.125	ug/L	99
29) Cyclohexane	7.959	56	203642	22.937	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	207638	22.551	ug/L	98
31) Carbon tetrachloride	8.075	117	185273	22.129	ug/L	99
33) Benzene	8.319	78	545542	22.453	ug/L	100
34) Trichloroethene	9.093	95	141673	21.525	ug/L	94
35) Methylcyclohexane	9.337	83	244737	23.139	ug/L	99
37) 1,2-Dichloropropane	9.368	63	136336	22.506	ug/L	99
38) Bromodichloromethane	9.642	83	168364	22.082	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	209419	22.937	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	128213	44.981	ug/L	99
42) Toluene	10.386	91	583440	22.738	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	171089	23.206	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	98157	22.276	ug/L	98
46) Tetrachloroethene	10.861	164	111302	21.147	ug/L	89
48) 2-Hexanone	10.965	43	104885	46.541	ug/L	96
49) Dibromochloromethane	11.123	129	110043	22.456	ug/L	99
50) 1,2-Dibromoethane	11.233	107	91916	21.921	ug/L	98
51) Chlorobenzene	11.654	112	368147	21.938	ug/L	97
52) Ethylbenzene	11.727	91	649627	22.581	ug/L	99
53) m,p-Xylene	11.837	106	246054	22.409	ug/L	94
54) o-Xylene	12.160	106	231200	22.404	ug/L	98
55) Styrene	12.178	104	408695	23.272	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	107602	21.893	ug/L	94
59) Bromoform	12.349	173	60093	20.920	ug/L	94
60) Isopropylbenzene	12.458	105	647680	23.160	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	77302	22.000	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	522784	23.699	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	508021	23.347	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	272121	21.336	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	290412	21.883	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	257459	22.519	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	16711	21.759	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	188125	21.578	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	147909	21.213	ug/L	95
71) Naphthalene	15.360	128	259790	22.038	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	131370	21.169	ug/L	100

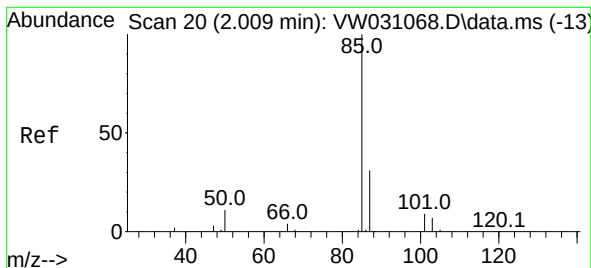
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 23.338 ug/L

RT: 2.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

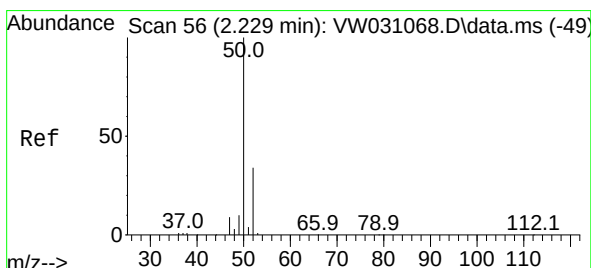
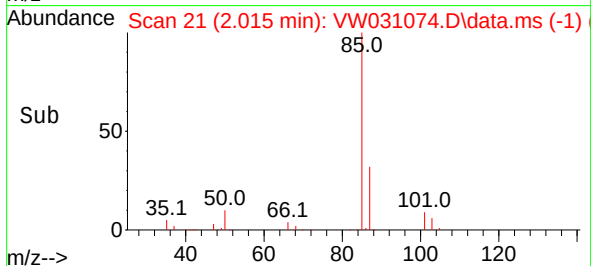
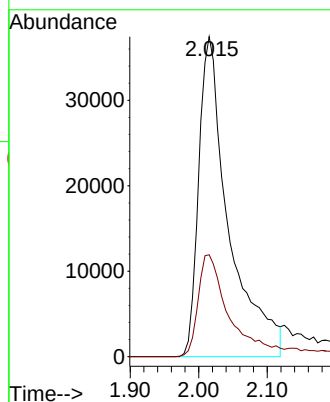
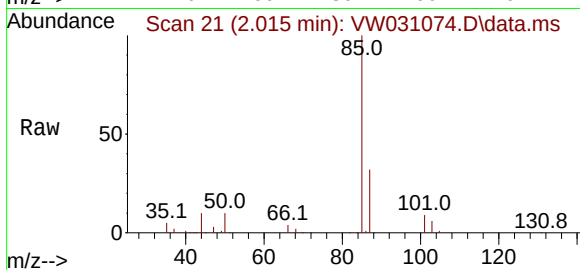
ClientSampleId :

Tgt Ion: 85 Resp: 114231

Ion Ratio Lower Upper

85 100

87 32.1 23.8 35.6



#3

Chloromethane

Concen: 21.375 ug/L

RT: 2.223 min Scan# 55

Delta R.T. -0.006 min

Lab File: VW031074.D

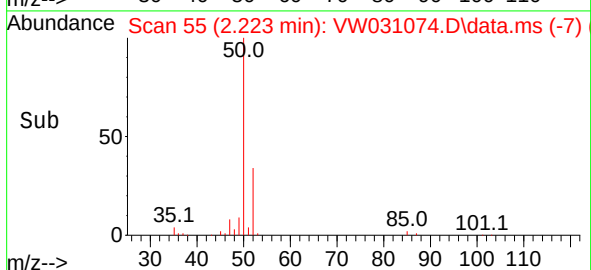
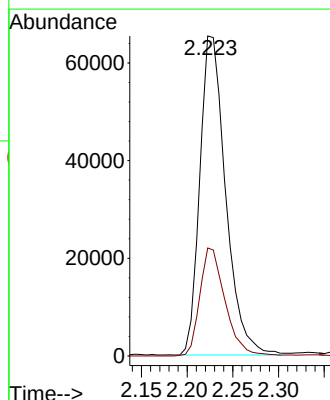
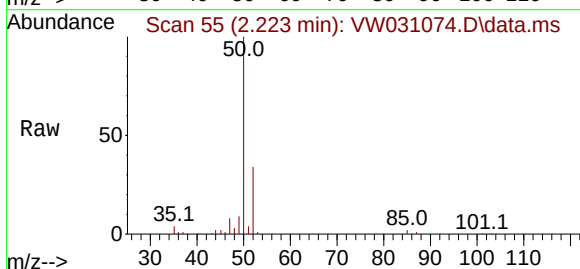
Acq: 20 Nov 2024 17:39

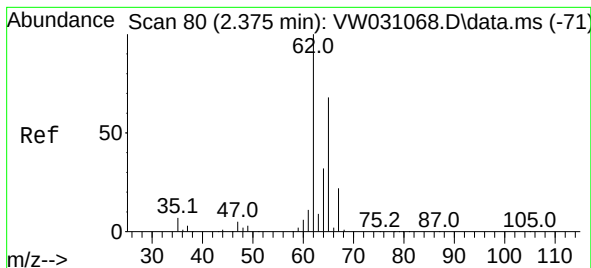
Tgt Ion: 50 Resp: 128623

Ion Ratio Lower Upper

50 100

52 33.7 23.4 43.6





#5

Vinyl chloride

Concen: 23.905 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

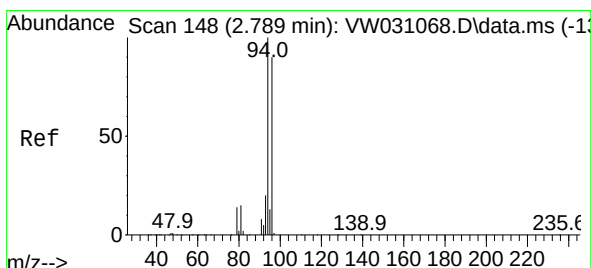
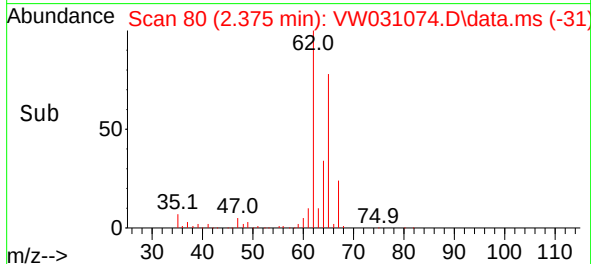
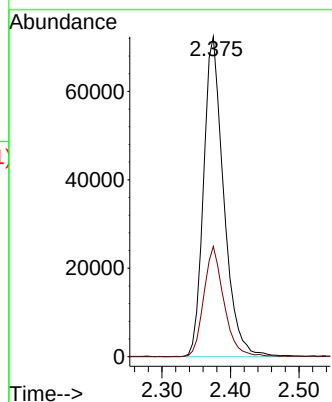
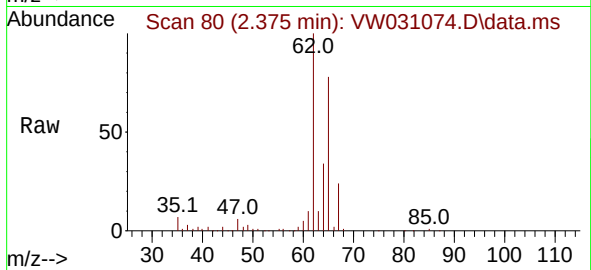
ClientSampleId :

Tgt Ion: 62 Resp: 148327

Ion Ratio Lower Upper

62 100

64 34.4 22.7 42.1



#6

Bromomethane

Concen: 22.951 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW031074.D

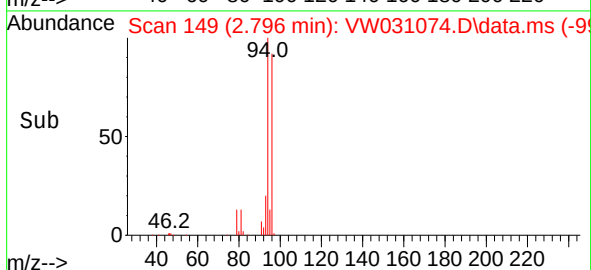
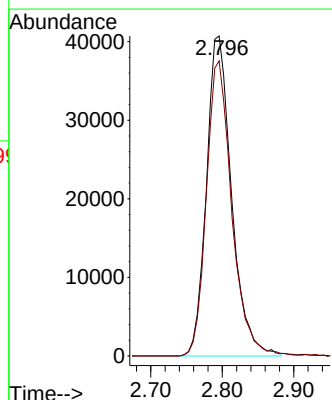
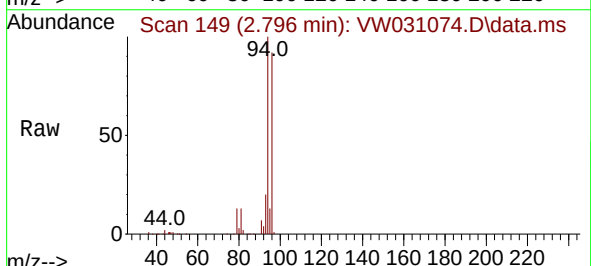
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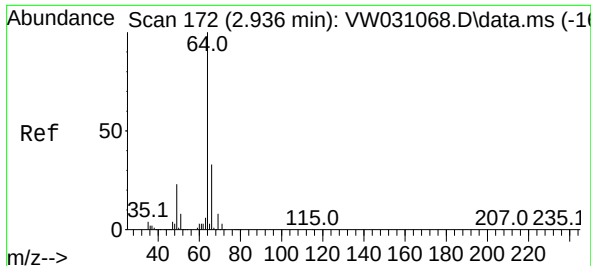
Tgt Ion: 94 Resp: 99439

Ion Ratio Lower Upper

94 100

96 92.2 62.6 116.3

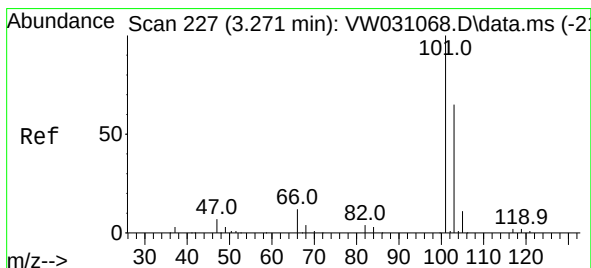
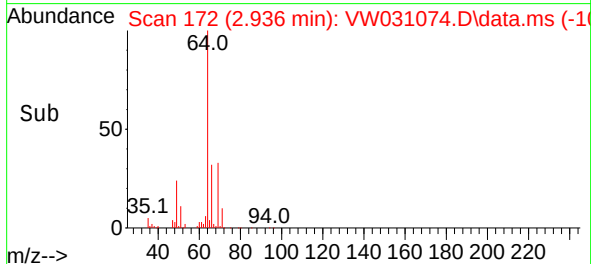
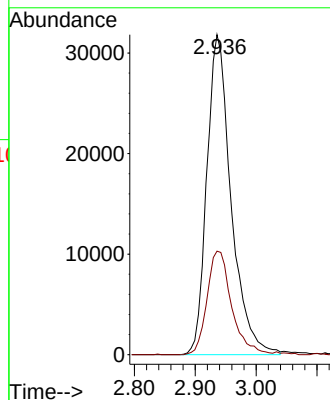
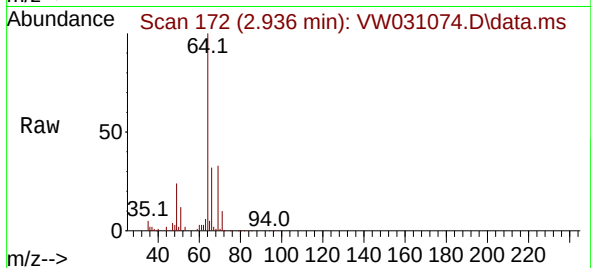




#8
Chloroethane
Concen: 23.663 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

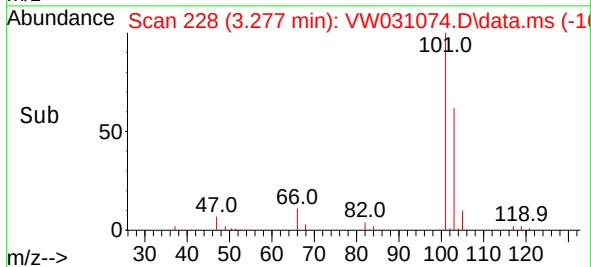
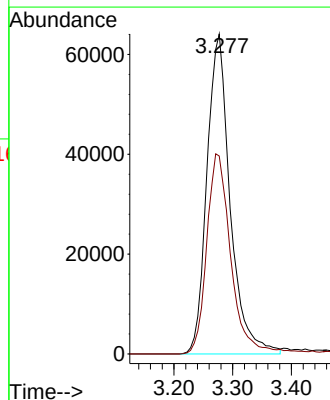
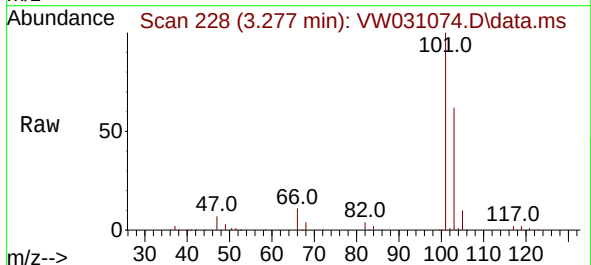
Instrument :
MSVOA_W
ClientSampleId :

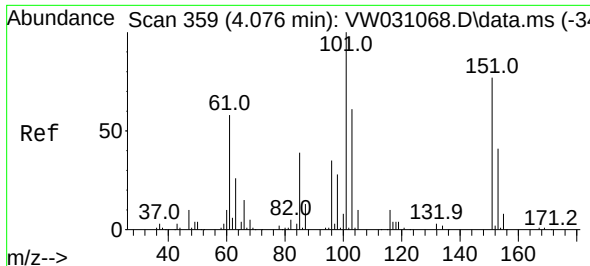
Tgt Ion: 64 Resp: 88067
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 20.544 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

Tgt Ion:101 Resp: 176314
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1





#10

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

Concen: 22.133 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

ClientSampleId :

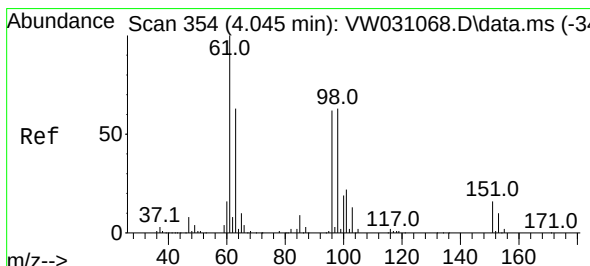
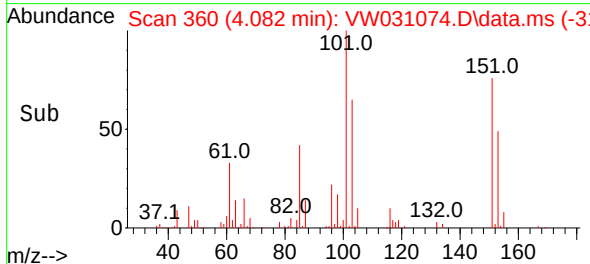
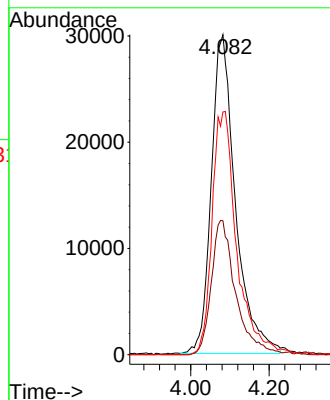
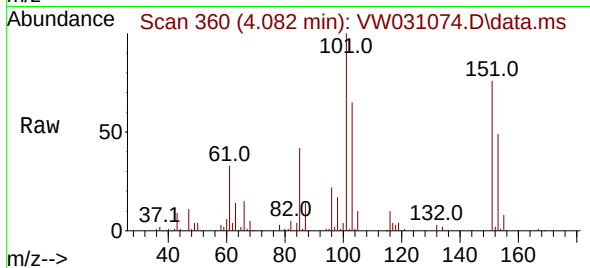
Tgt Ion:101 Resp: 128528

Ion Ratio Lower Upper

101 100

85 42.3 33.9 50.9

151 29.8 61.8 92.6#



#12

1,1-Dichloroethene

Concen: 22.362 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

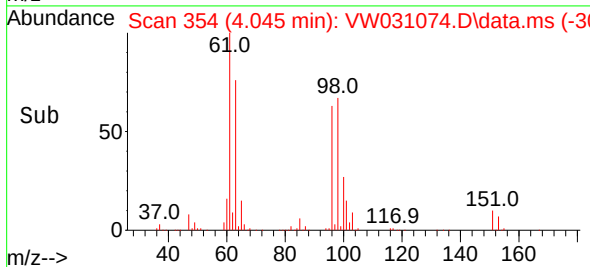
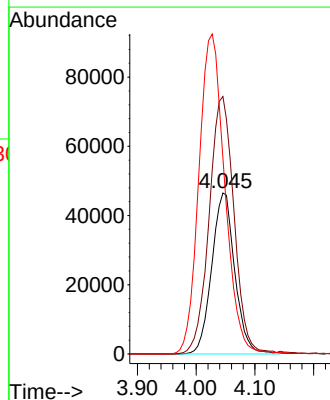
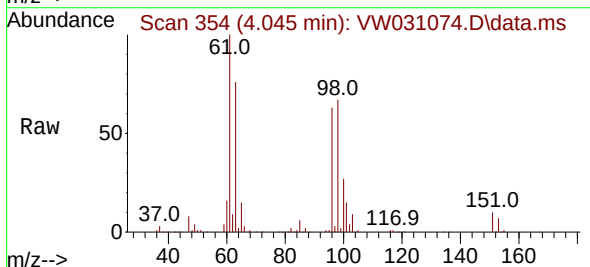
Tgt Ion: 96 Resp: 126514

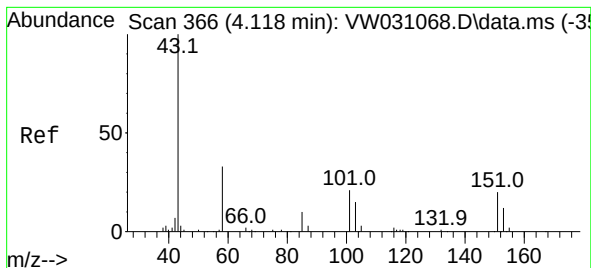
Ion Ratio Lower Upper

96 100

61 159.8 113.5 210.9

63 121.7 73.8 137.2





#13

Acetone

Concen: 39.868 ug/L

RT: 4.112 min Scan# 365

Delta R.T. -0.006 min

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Acq: 20 Nov 2024 17:39

Instrument :

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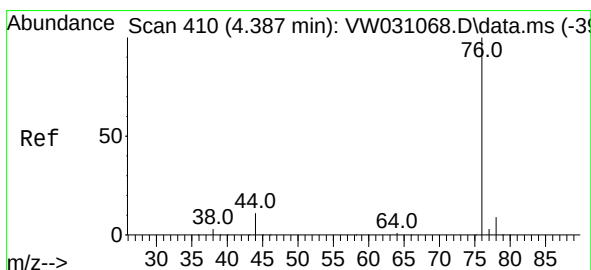
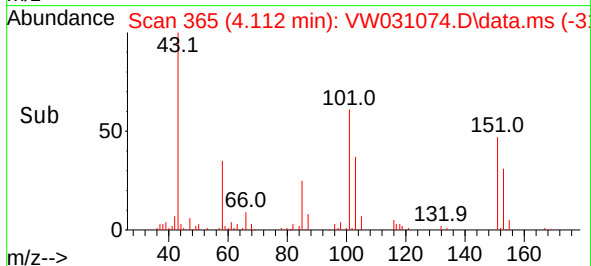
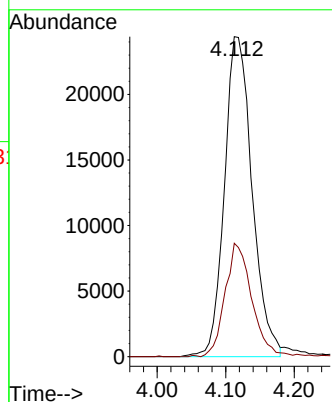
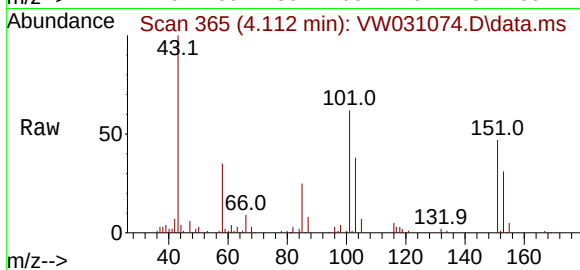
ClientSampleId :

Tgt Ion: 43 Resp: 68579

Ion Ratio Lower Upper

43 100

58 33.8 0.0 67.2



#14

Carbon disulfide

Concen: 22.465 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

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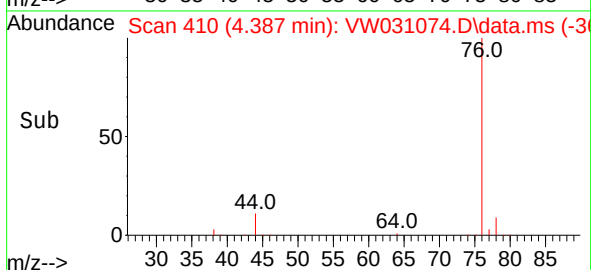
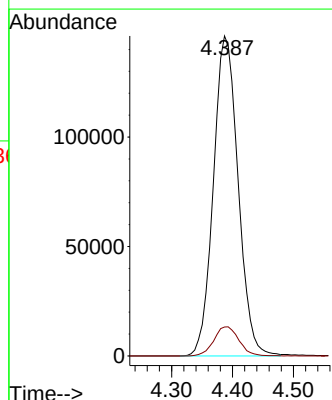
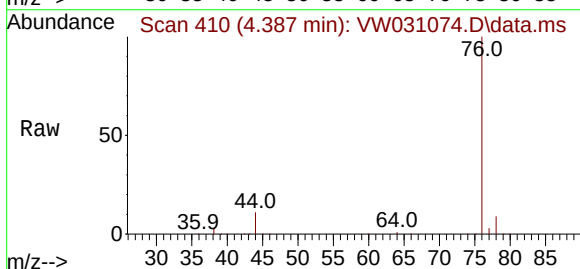
Acq: 20 Nov 2024 17:39

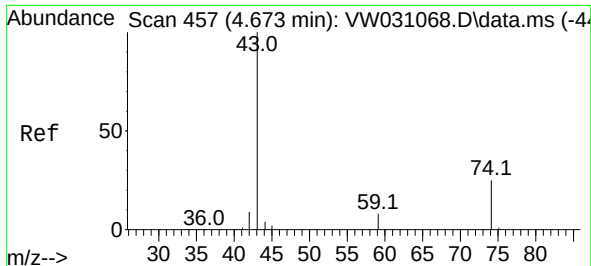
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Ion Ratio Lower Upper

76 100

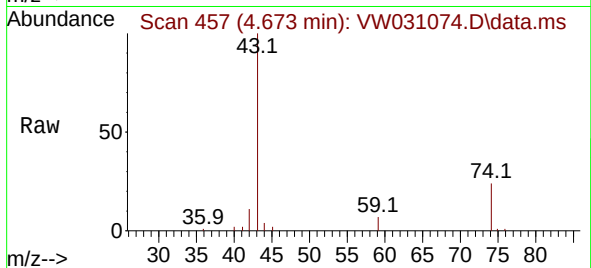
78 9.1 7.4 11.2



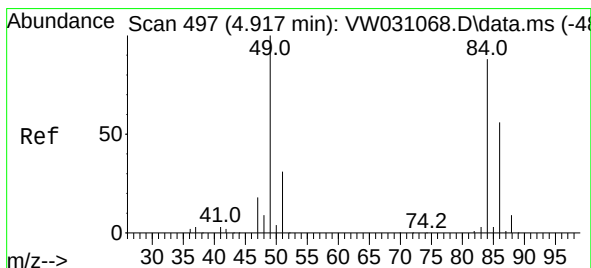
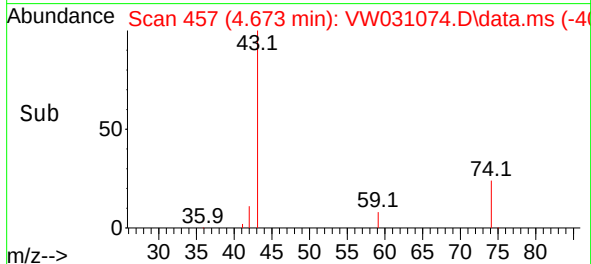
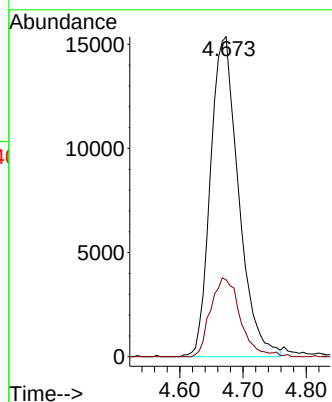


#15
Methyl Acetate
Concen: 21.251 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

Instrument :
MSVOA_W
ClientSampleId :

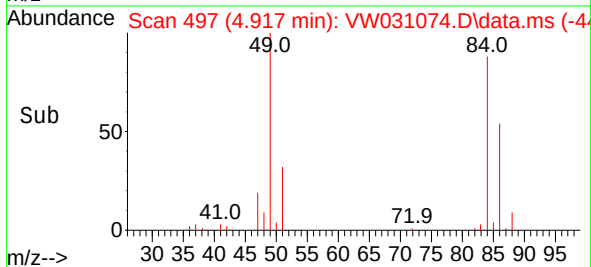
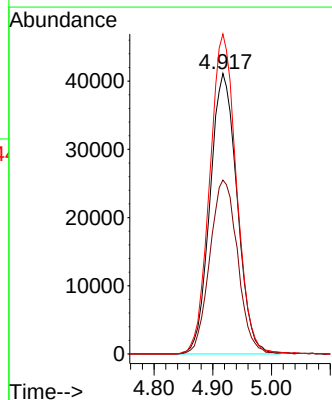
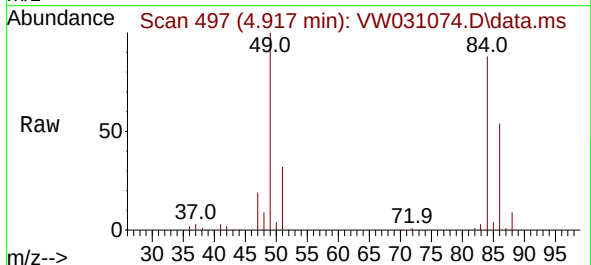


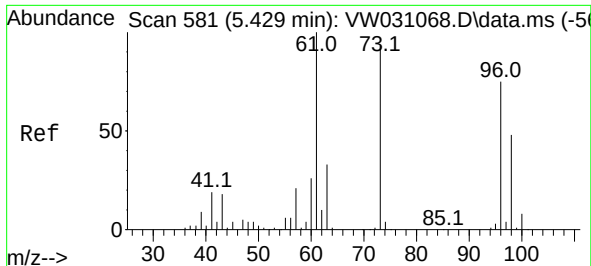
Tgt Ion: 43 Resp: 47449
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2



#16
Methylene chloride
Concen: 22.255 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

Tgt Ion: 84 Resp: 131537
Ion Ratio Lower Upper
84 100
86 62.0 44.9 83.5
49 114.1 79.9 148.5





#17

trans-1,2-Dichloroethene

Concen: 21.758 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

ClientSampleId :

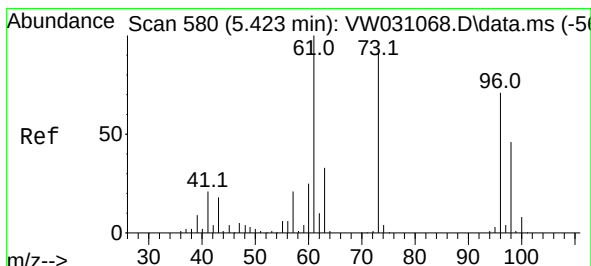
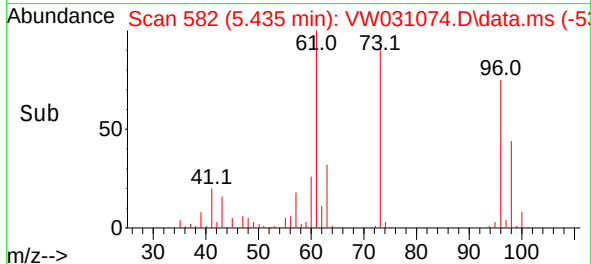
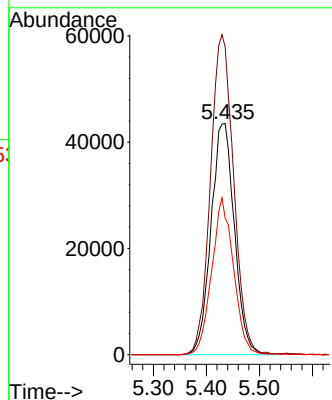
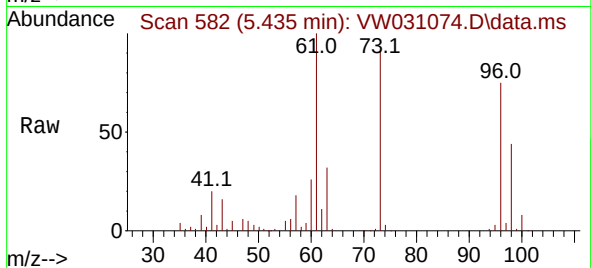
Tgt Ion: 96 Resp: 133529

Ion Ratio Lower Upper

96 100

61 133.2 92.7 172.3

98 59.2 44.4 82.4



#18

Methyl tert-butyl Ether

Concen: 22.610 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

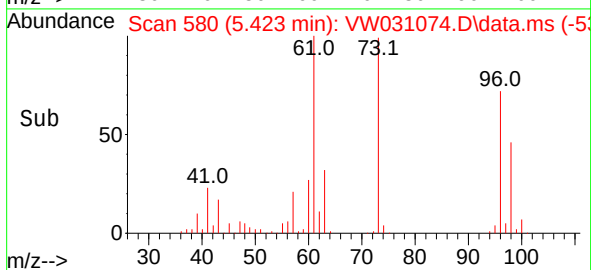
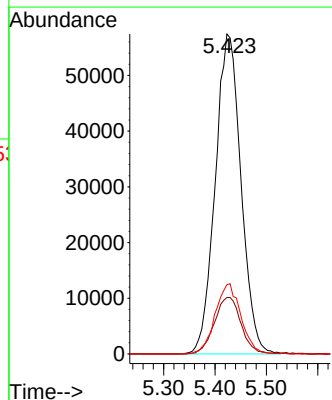
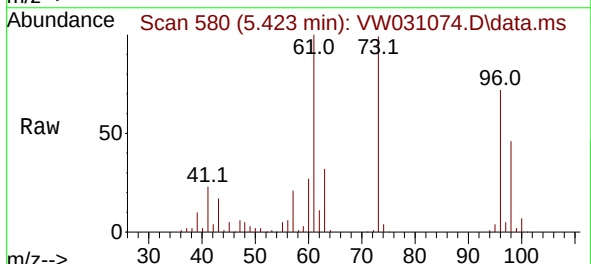
Tgt Ion: 73 Resp: 199953

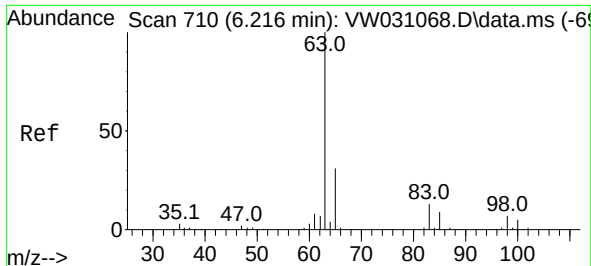
Ion Ratio Lower Upper

73 100

43 18.3 15.4 23.0

57 21.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 22.036 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

ClientSampleId :

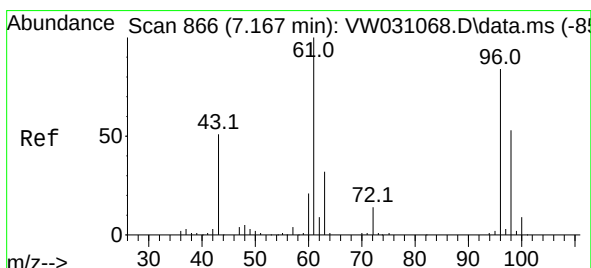
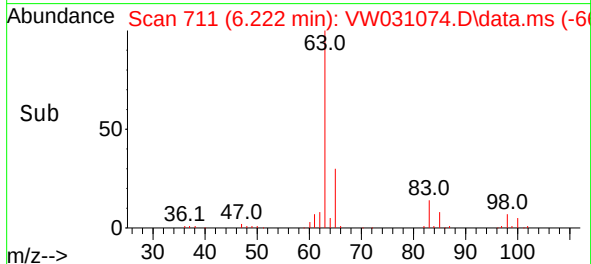
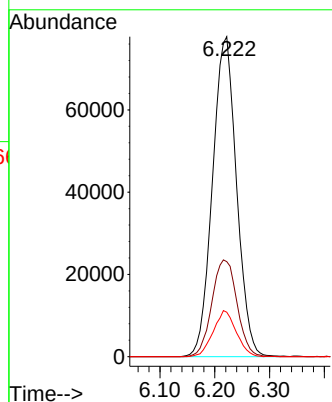
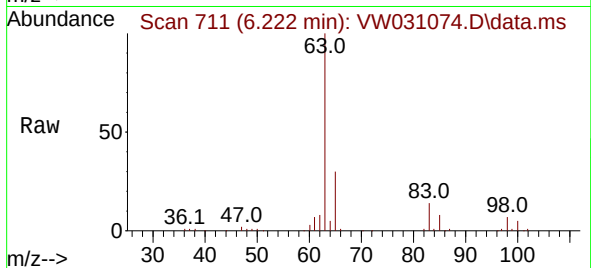
Tgt Ion: 63 Resp: 236993

Ion Ratio Lower Upper

63 100

65 29.7 21.7 40.3

83 13.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 22.042 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

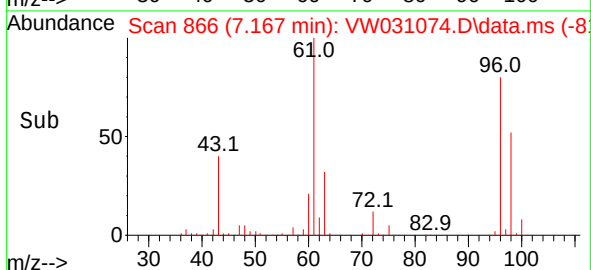
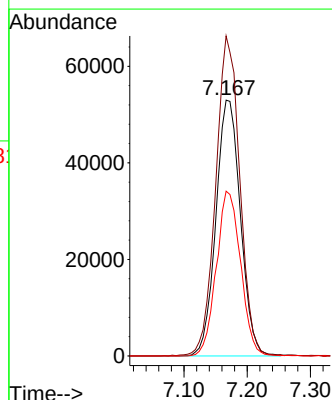
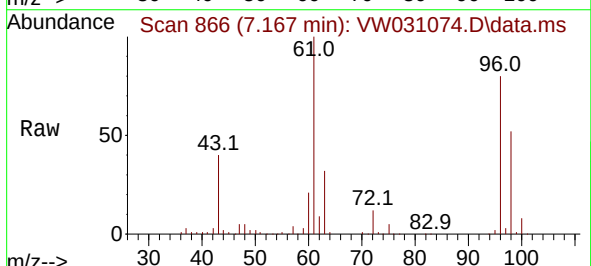
Tgt Ion: 96 Resp: 142725

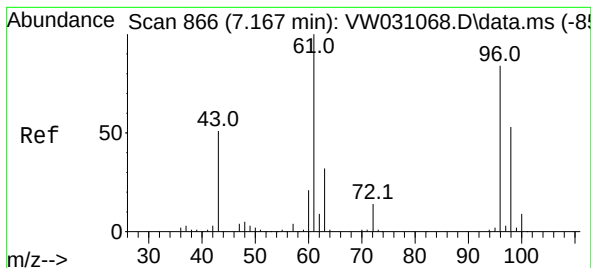
Ion Ratio Lower Upper

96 100

61 125.1 83.7 155.5

98 64.4 43.9 81.5





#22

2-Butanone

Concen: 40.699 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

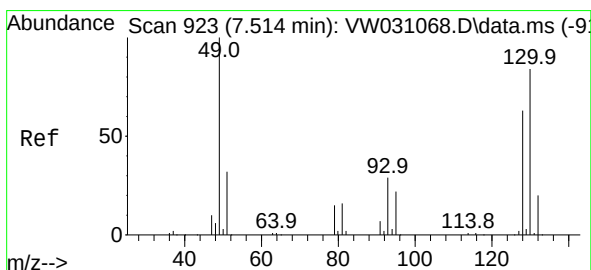
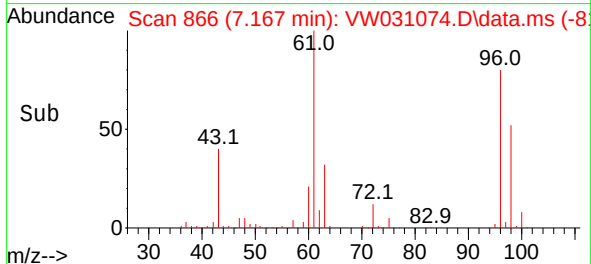
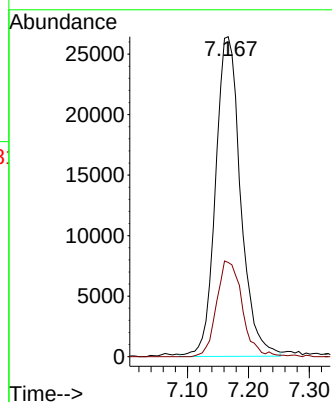
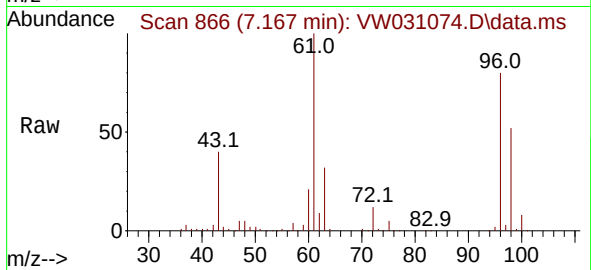
ClientSampleId :

Tgt Ion: 43 Resp: 75709

Ion Ratio Lower Upper

43 100

72 30.0 14.9 44.7



#23

Bromochloromethane

Concen: 21.908 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Tgt Ion: 128 Resp: 63561

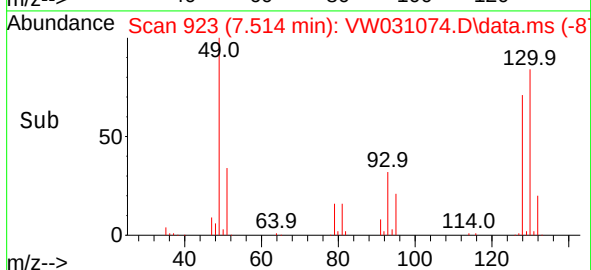
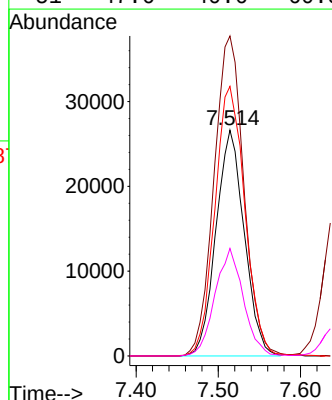
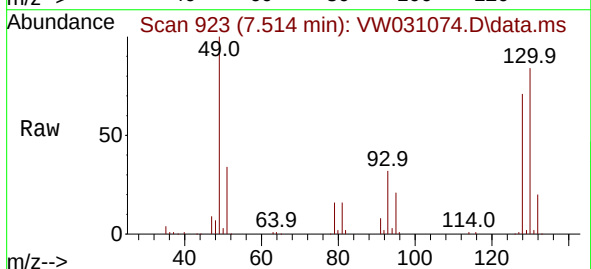
Ion Ratio Lower Upper

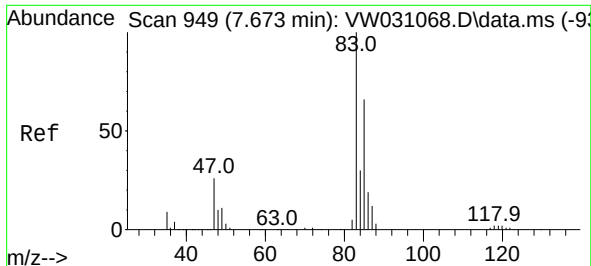
128 100

49 141.7 110.9 206.1

130 119.4 93.7 173.9

51 47.6 40.6 60.8





#25

Chloroform

Concen: 21.752 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

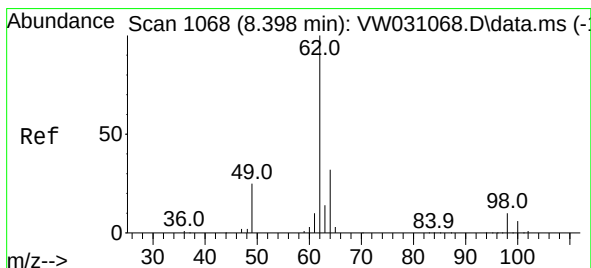
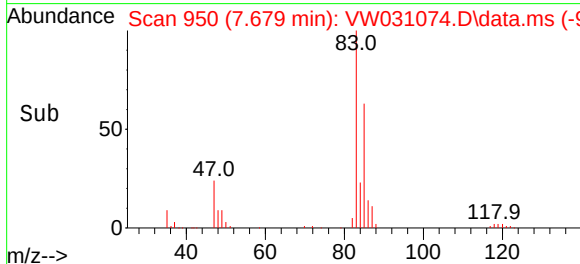
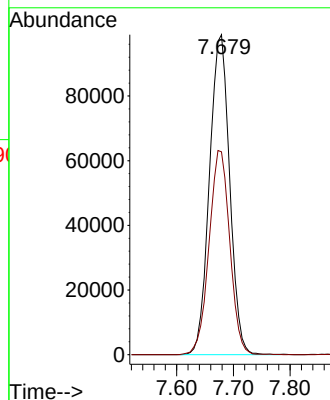
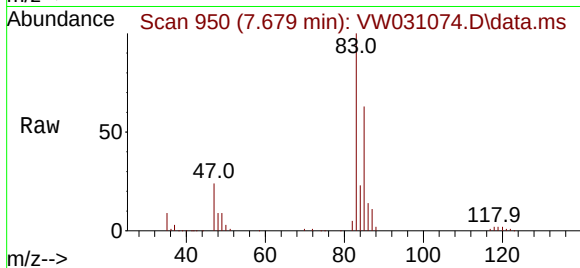
ClientSampleId :

Tgt Ion: 83 Resp: 244524

Ion Ratio Lower Upper

83 100

85 63.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 22.125 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031074.D

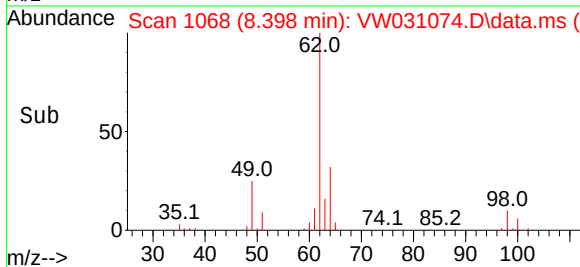
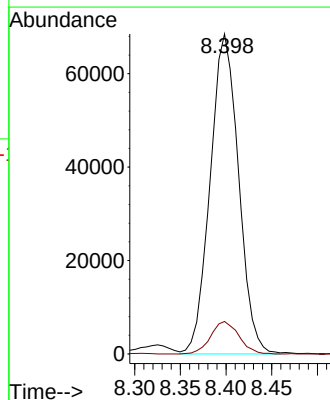
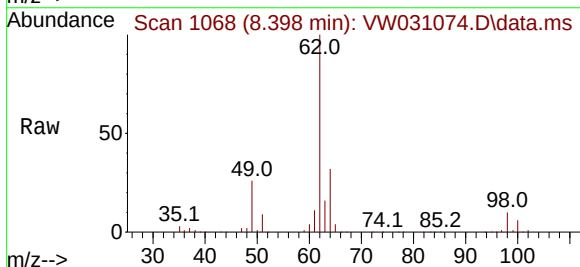
Acq: 20 Nov 2024 17:39

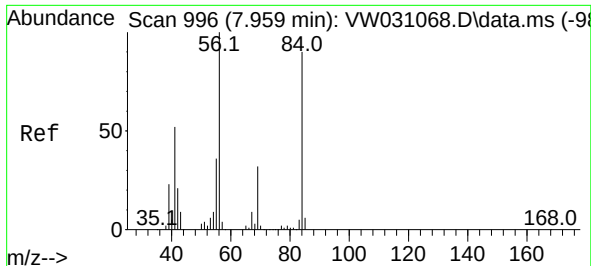
Tgt Ion: 62 Resp: 148227

Ion Ratio Lower Upper

62 100

98 10.1 7.7 11.5





#29

Cyclohexane

Concen: 22.937 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

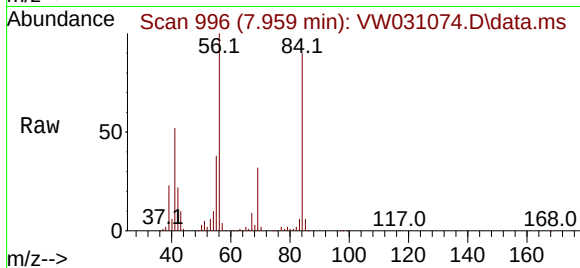
Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

ClientSampleId :



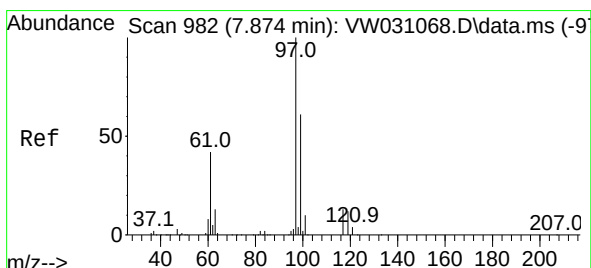
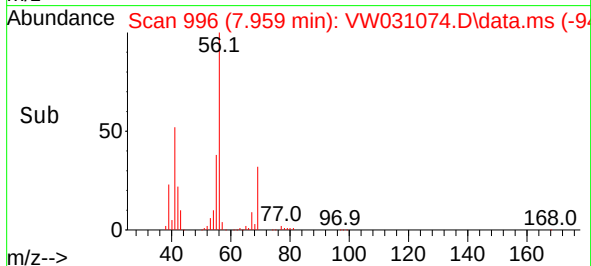
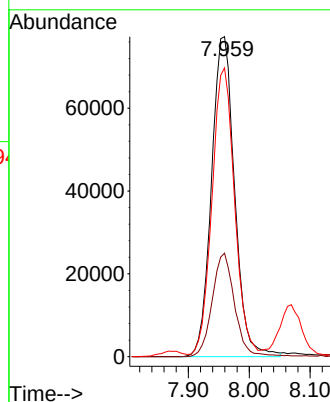
Tgt Ion: 56 Resp: 203642

Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.2

84 87.8 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 22.551 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

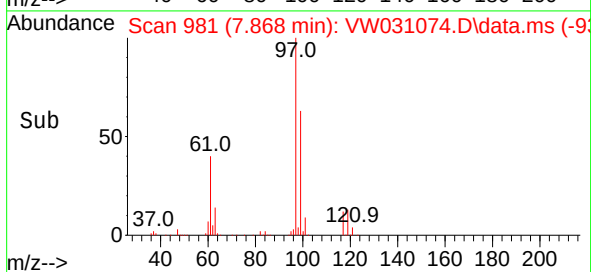
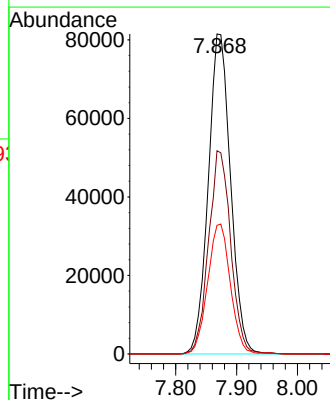
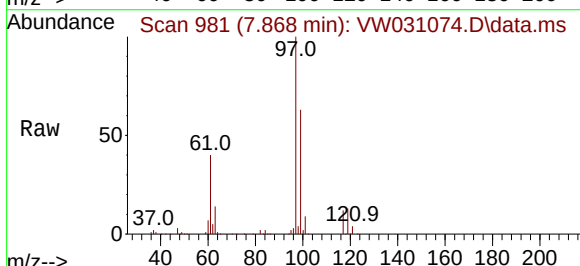
Tgt Ion: 97 Resp: 207638

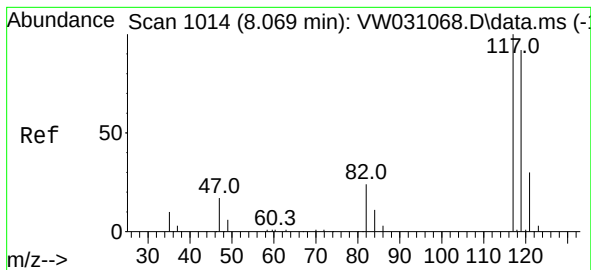
Ion Ratio Lower Upper

97 100

99 62.9 51.6 77.4

61 41.1 33.8 50.6





#31

Carbon tetrachloride

Concen: 22.129 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

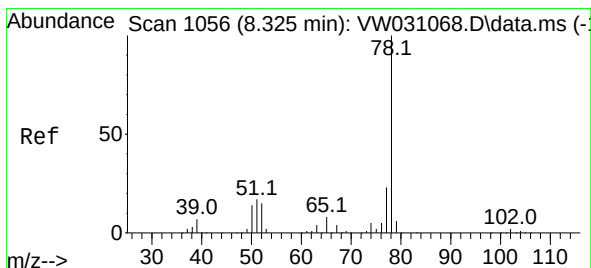
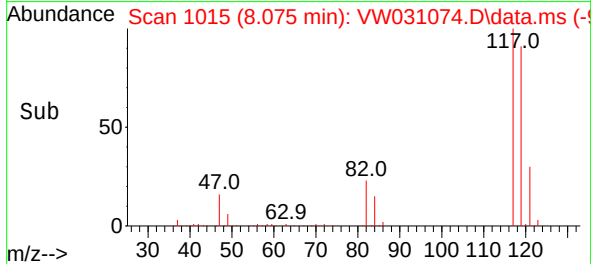
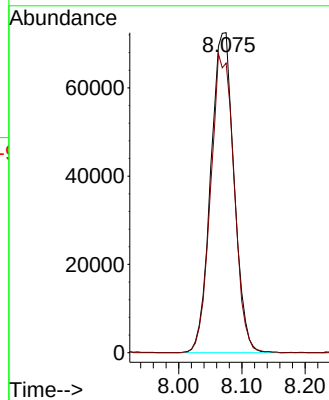
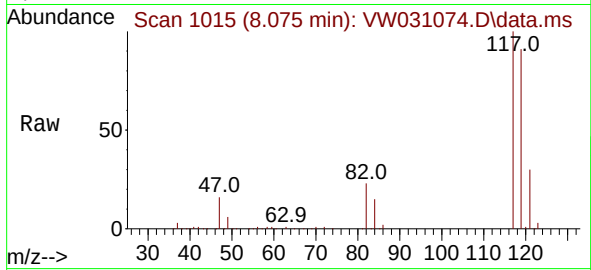
ClientSampleId :

Tgt Ion:117 Resp: 185273

Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.8



#33

Benzene

Concen: 22.453 ug/L

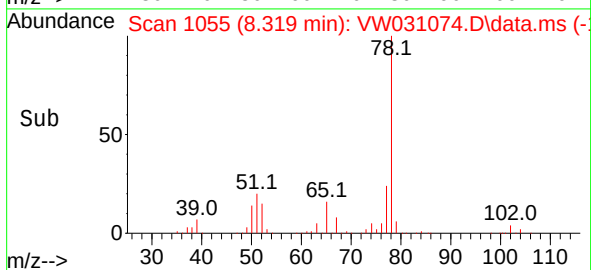
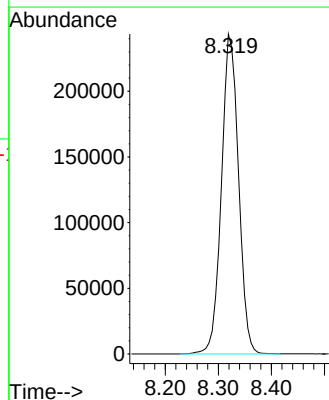
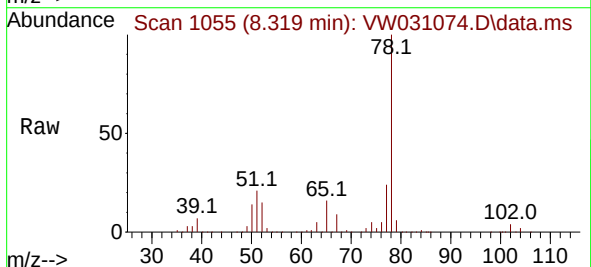
RT: 8.319 min Scan# 1055

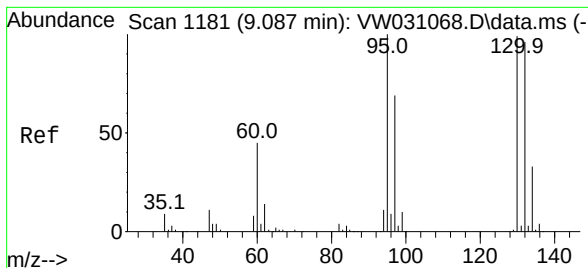
Delta R.T. -0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Tgt Ion: 78 Resp: 545542





#34

Trichloroethene

Concen: 21.525 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 141673

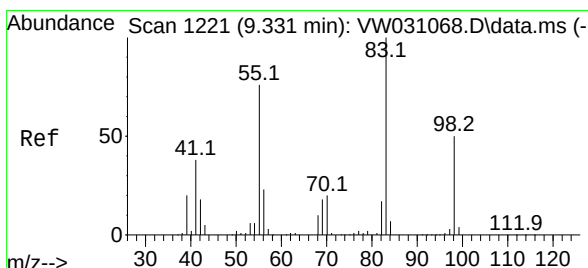
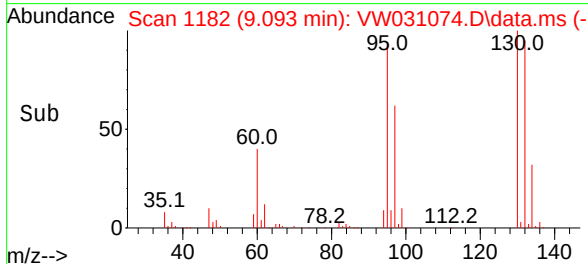
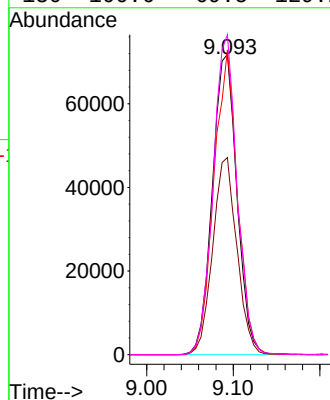
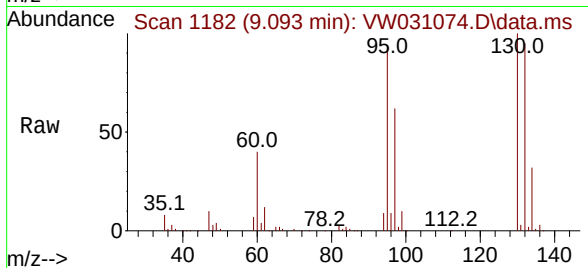
Ion Ratio Lower Upper

95 100

97 65.7 48.0 89.2

132 101.6 67.4 125.2

130 106.6 69.5 129.1



#35

Methylcyclohexane

Concen: 23.139 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

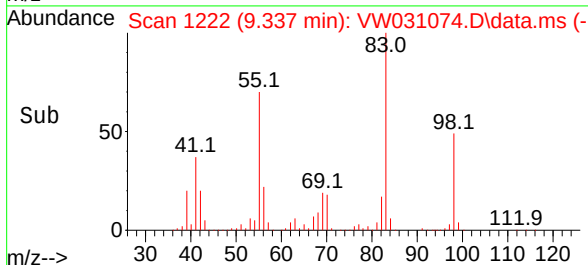
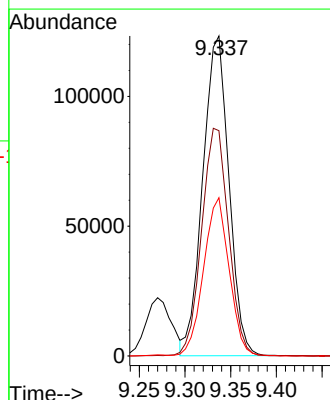
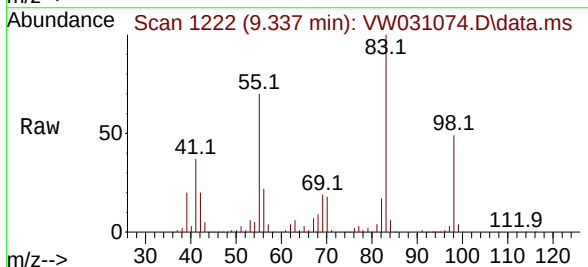
Tgt Ion: 83 Resp: 244737

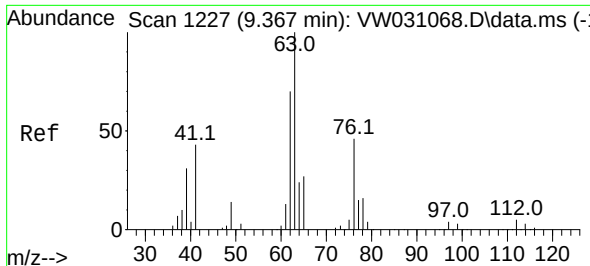
Ion Ratio Lower Upper

83 100

55 73.3 59.5 89.3

98 48.6 38.7 58.1





#37

1,2-Dichloropropane

Concen: 22.506 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

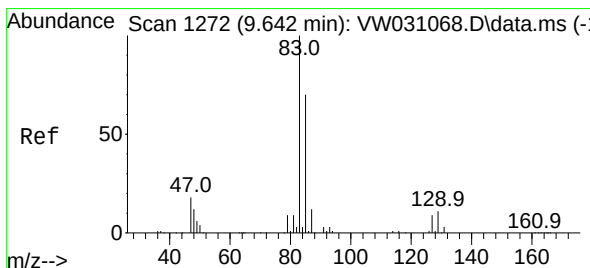
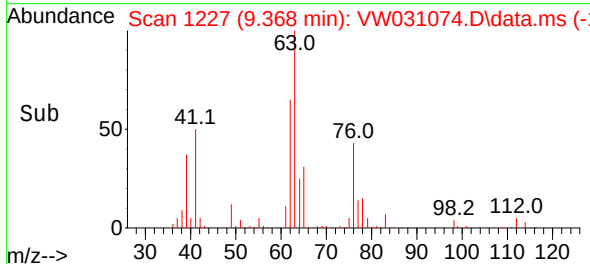
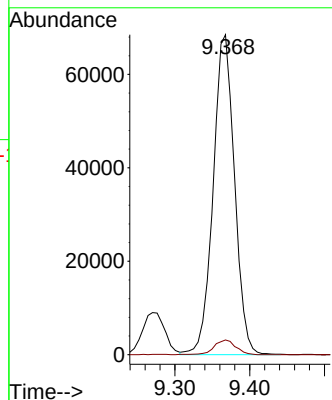
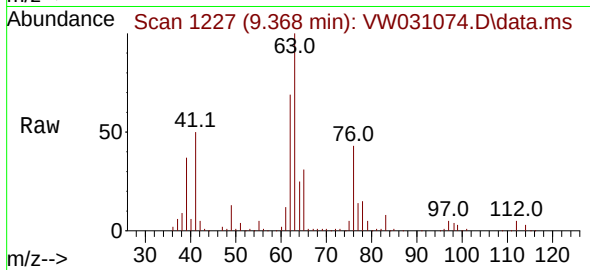
ClientSampleId :

Tgt Ion: 63 Resp: 136336

Ion Ratio Lower Upper

63 100

112 4.6 3.9 5.9



#38

Bromodichloromethane

Concen: 22.082 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

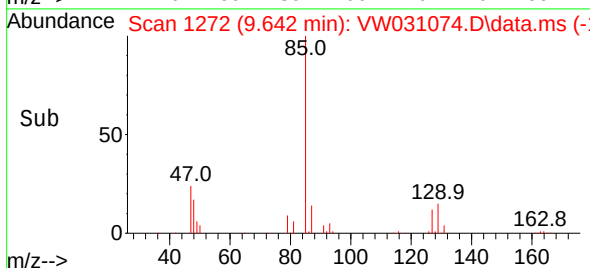
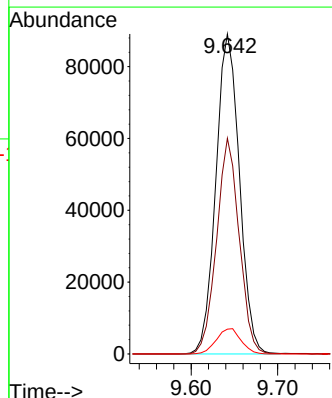
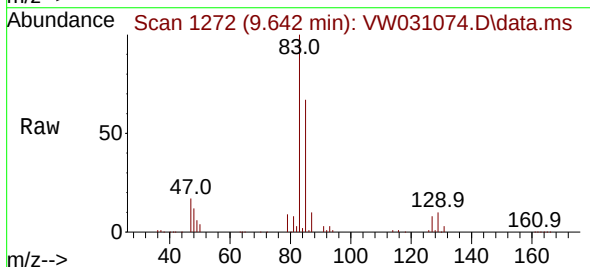
Tgt Ion: 83 Resp: 168364

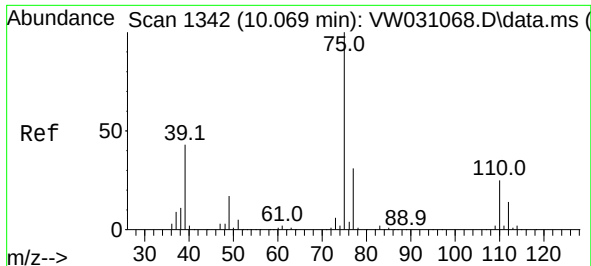
Ion Ratio Lower Upper

83 100

85 67.4 48.7 90.5

127 7.8 7.2 10.8

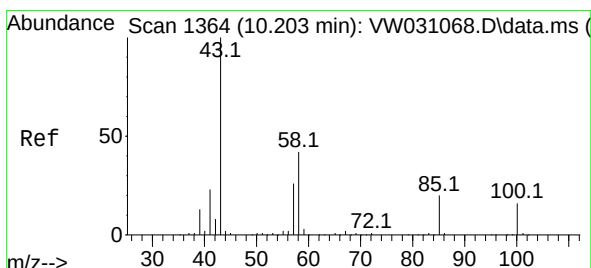
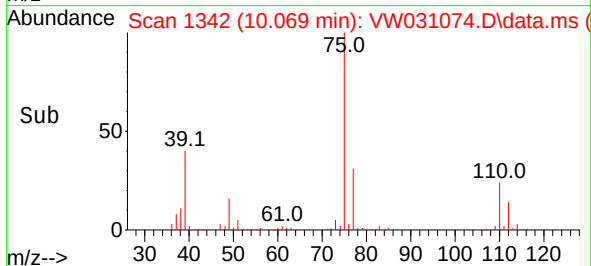
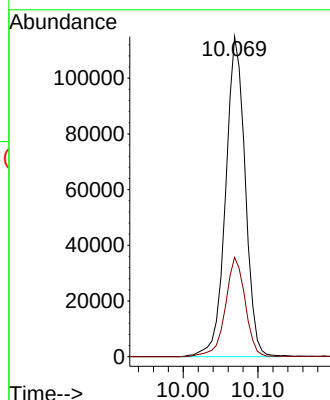
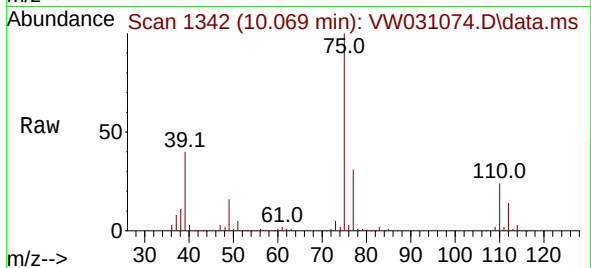




#39
cis-1,3-Dichloropropene
Concen: 22.937 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

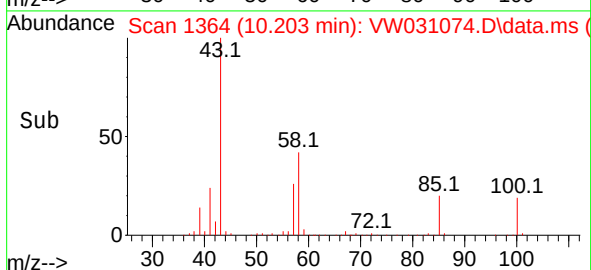
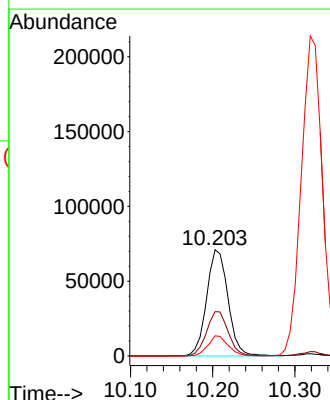
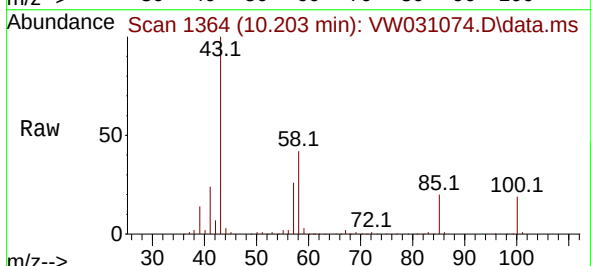
Instrument :
MSVOA_W
ClientSampleId :

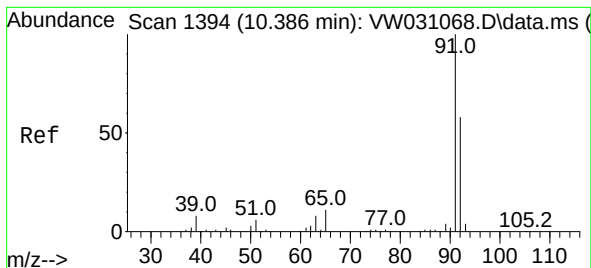
Tgt Ion: 75 Resp: 209419
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 44.981 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

Tgt Ion: 43 Resp: 128213
Ion Ratio Lower Upper
43 100
58 42.4 33.7 50.5
100 18.0 14.2 21.2





#42

Toluene

Concen: 22.738 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

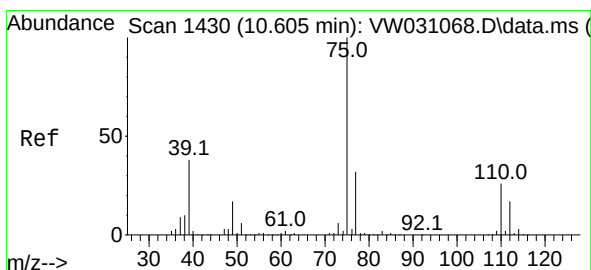
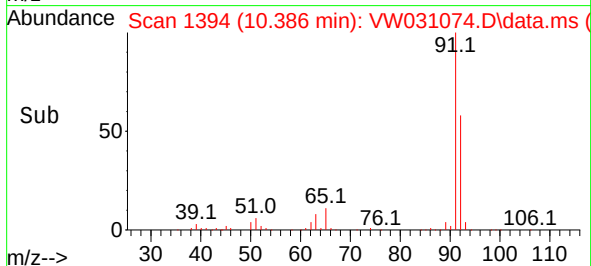
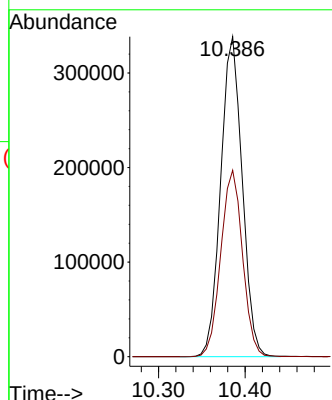
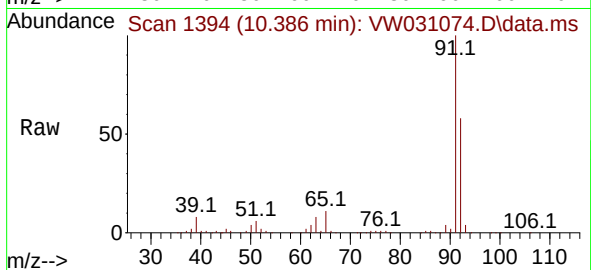
ClientSampleId :

Tgt Ion: 91 Resp: 583440

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 23.206 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031074.D

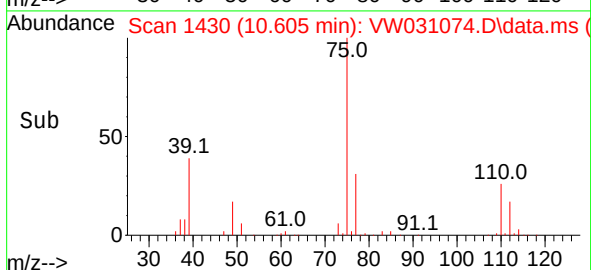
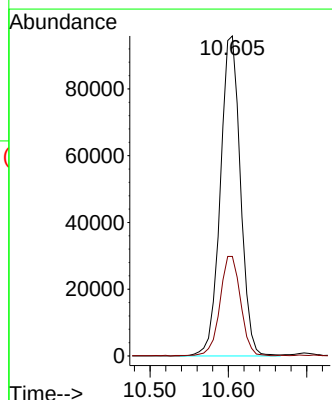
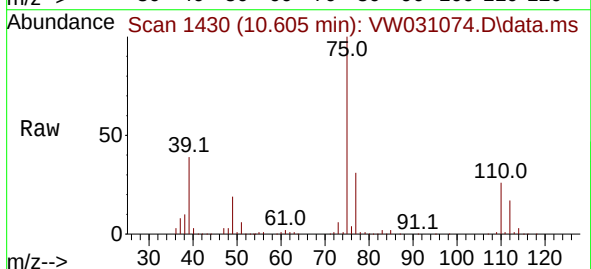
Acq: 20 Nov 2024 17:39

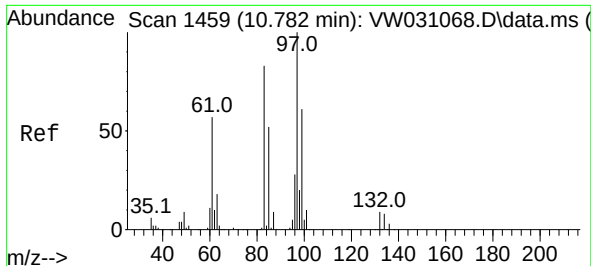
Tgt Ion: 75 Resp: 171089

Ion Ratio Lower Upper

75 100

77 31.1 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 22.276 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 98157

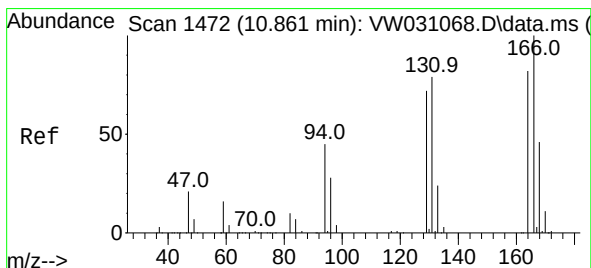
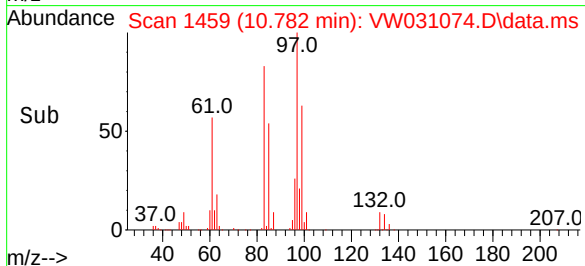
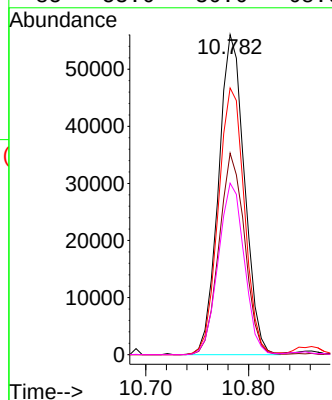
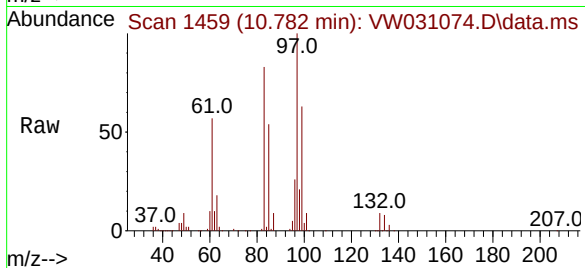
Ion Ratio Lower Upper

97 100

99 63.0 42.4 78.8

83 83.4 57.8 107.4

85 53.6 36.6 68.0



#46

Tetrachloroethene

Concen: 21.147 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Tgt Ion:164 Resp: 111302

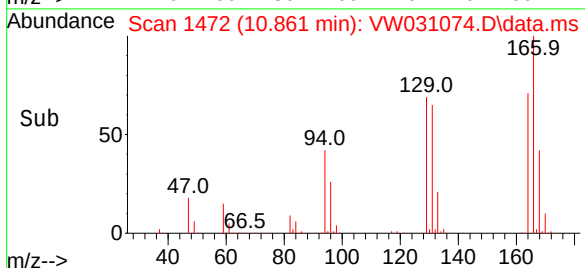
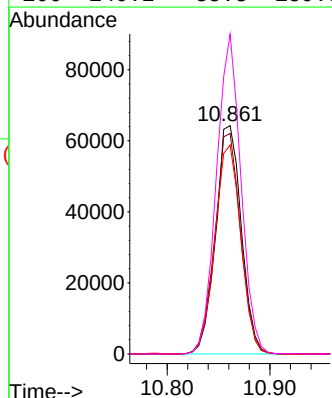
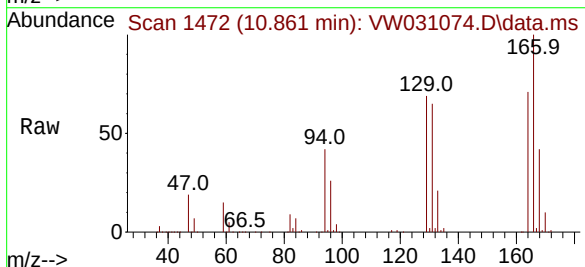
Ion Ratio Lower Upper

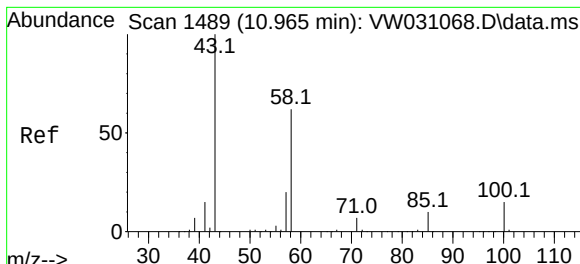
164 100

129 96.6 61.9 114.9

131 91.5 67.9 126.1

166 140.2 85.8 159.3



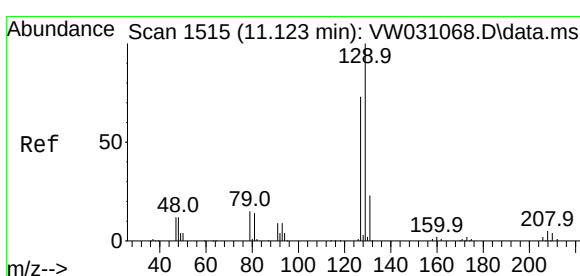
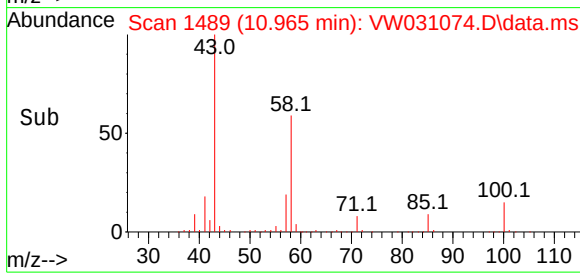
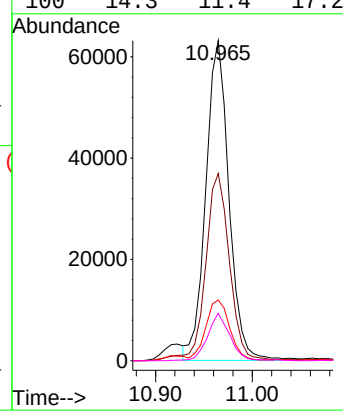
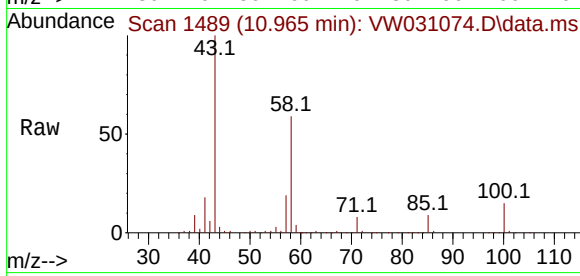


#48
2-Hexanone
Concen: 46.541 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 104885

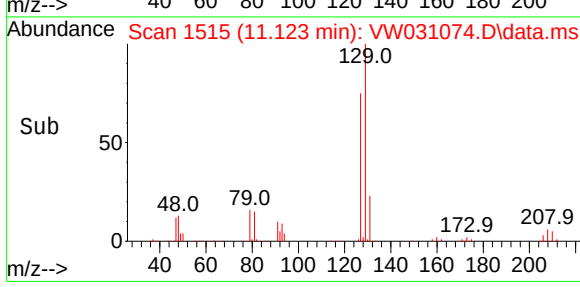
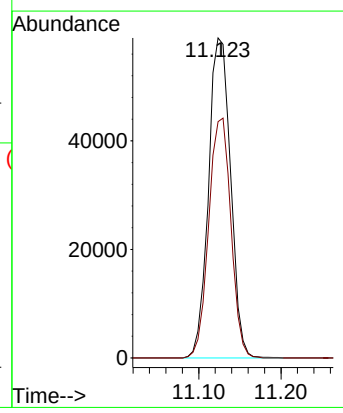
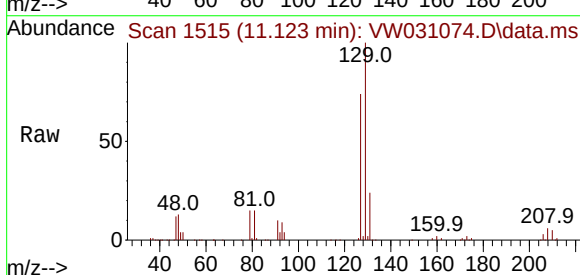
Ion	Ratio	Lower	Upper
43	100		
58	57.9	49.8	74.6
57	19.8	16.6	24.8
100	14.3	11.4	17.2

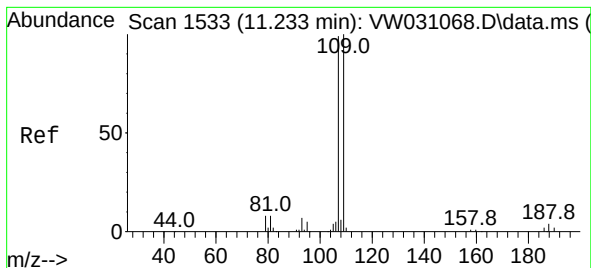


#49
Dibromochloromethane
Concen: 22.456 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

Tgt Ion: 129 Resp: 110043

Ion	Ratio	Lower	Upper
129	100		
127	73.8	51.4	95.4





#50

1,2-Dibromoethane

Concen: 21.921 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031074.D

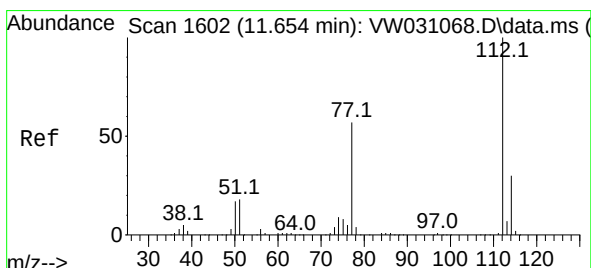
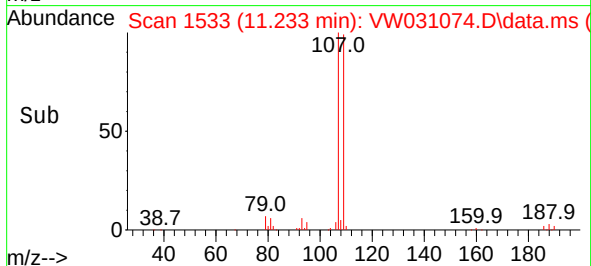
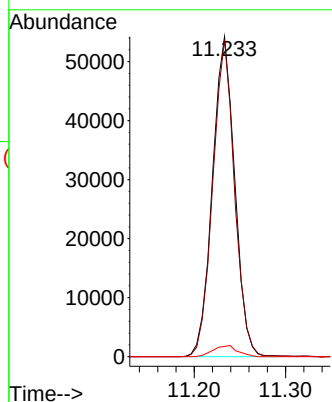
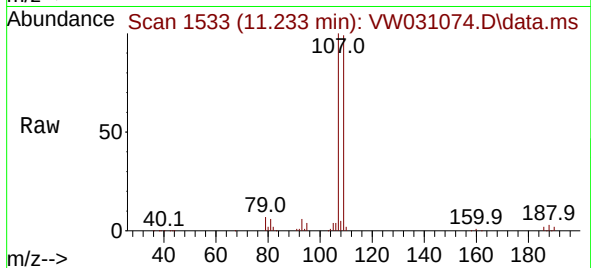
Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	91916
Ion	Ratio	Lower	Upper
107	100		
109	99.1	71.0	131.9
188	3.2	3.0	4.4



#51

Chlorobenzene

Concen: 21.938 ug/L

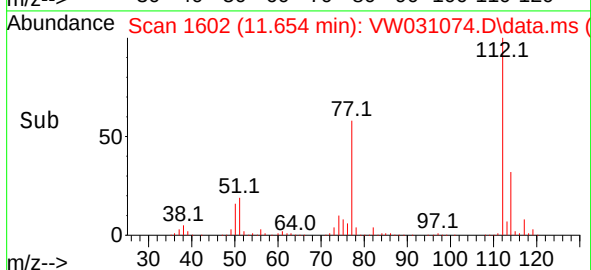
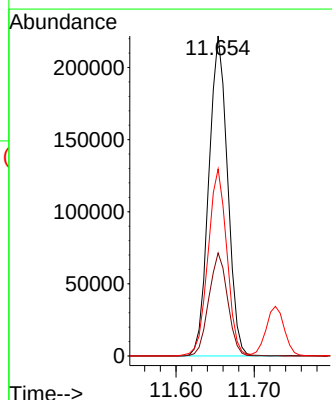
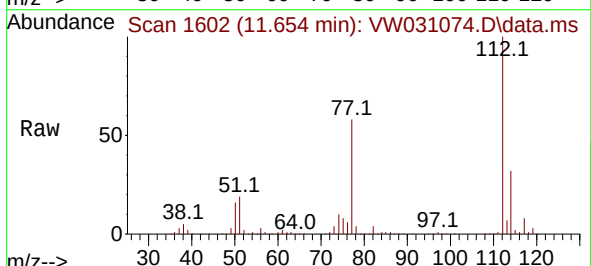
RT: 11.654 min Scan# 1602

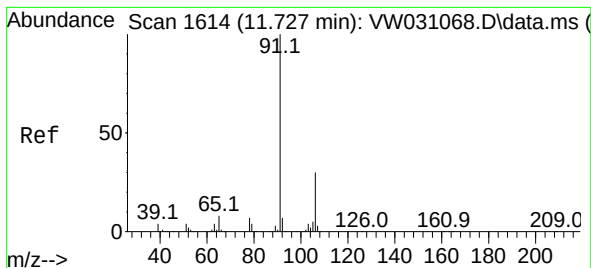
Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Tgt Ion:	112	Resp:	368147
Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.2	39.4
77	58.4	45.4	68.0





#52

Ethylbenzene

Concen: 22.581 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

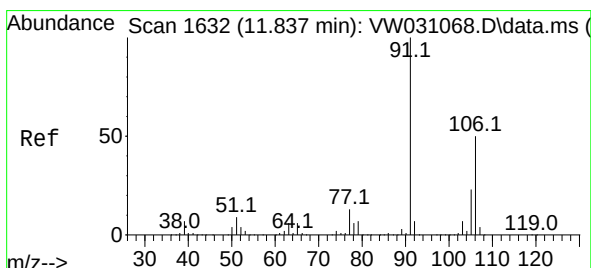
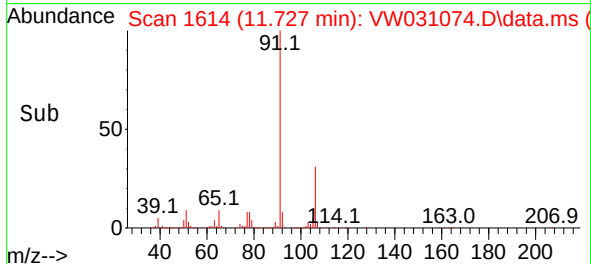
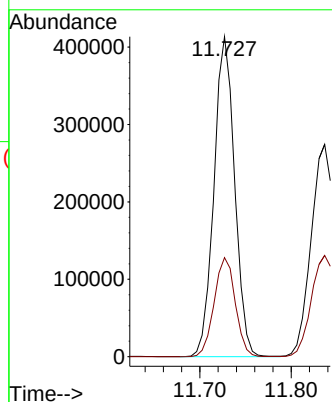
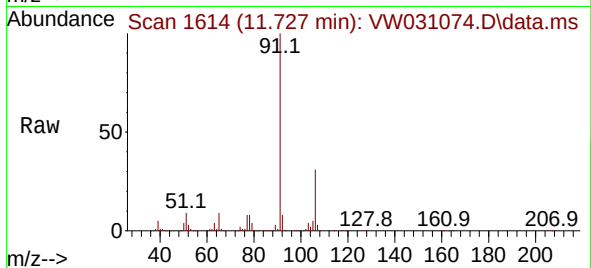
ClientSampleId :

Tgt Ion: 91 Resp: 649627

Ion Ratio Lower Upper

91 100

106 31.0 21.3 39.5



#53

m,p-Xylene

Concen: 22.409 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031074.D

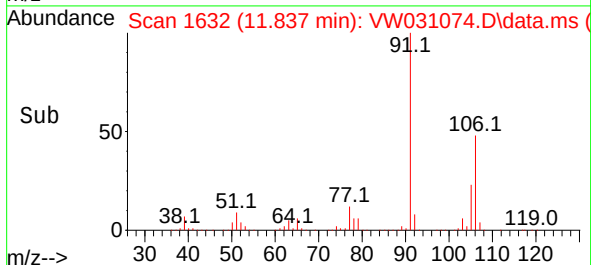
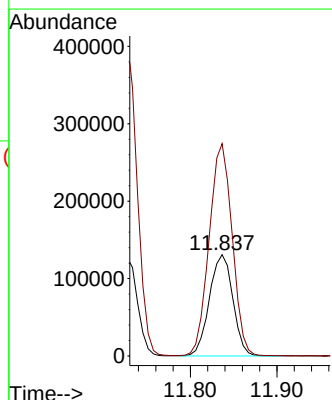
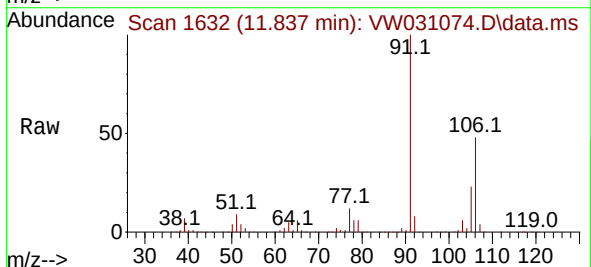
Acq: 20 Nov 2024 17:39

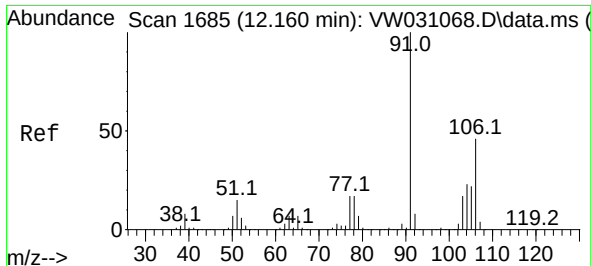
Tgt Ion:106 Resp: 246054

Ion Ratio Lower Upper

106 100

91 209.7 140.9 261.7

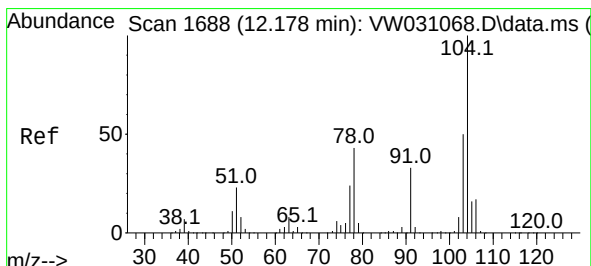
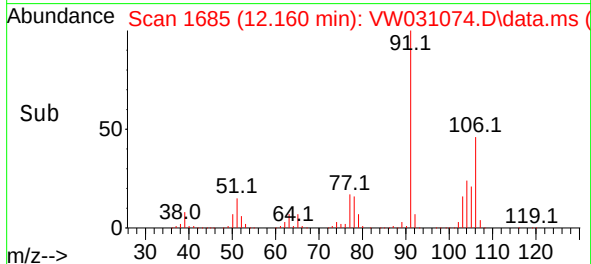
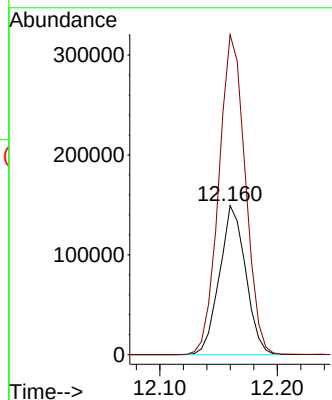
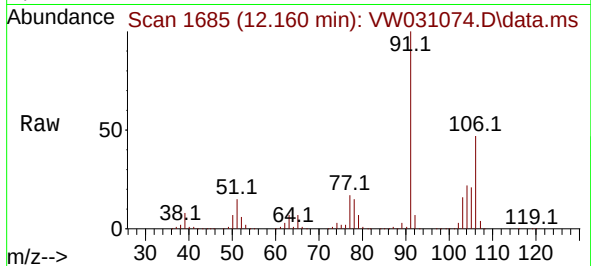




#54
o-Xylene
Concen: 22.404 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

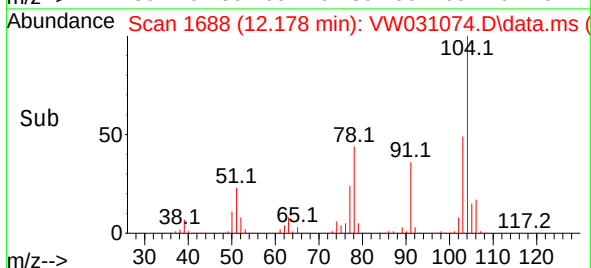
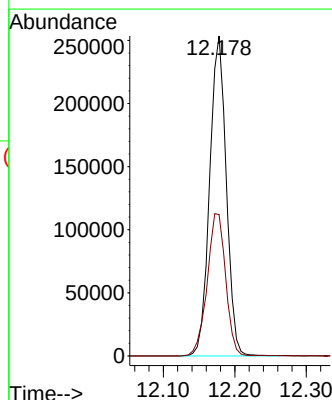
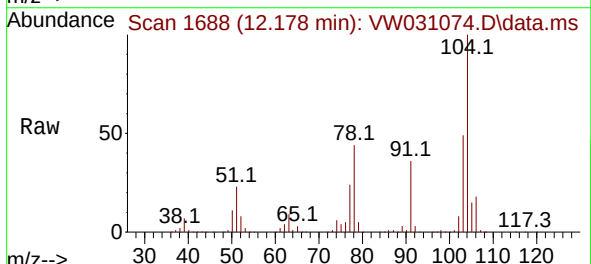
Instrument :
MSVOA_W
ClientSampleId :

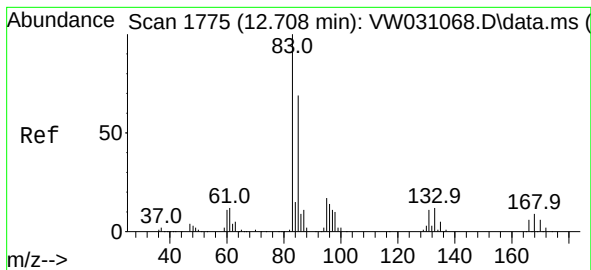
Tgt Ion:106 Resp: 231200
Ion Ratio Lower Upper
106 100
91 214.7 152.7 283.5



#55
Styrene
Concen: 23.272 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

Tgt Ion:104 Resp: 408695
Ion Ratio Lower Upper
104 100
78 44.2 30.2 56.0

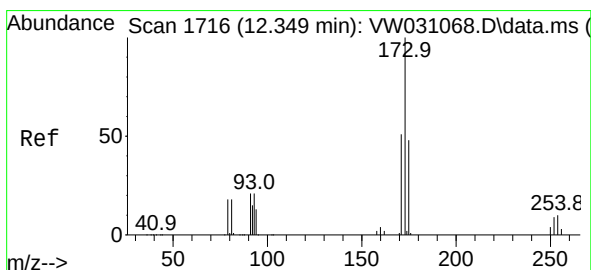
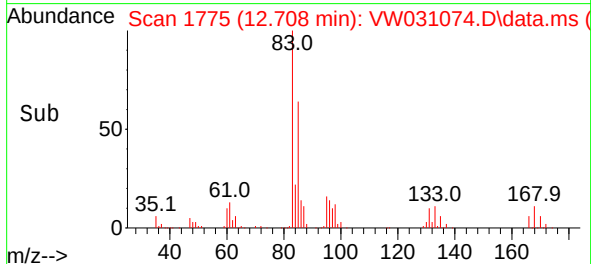
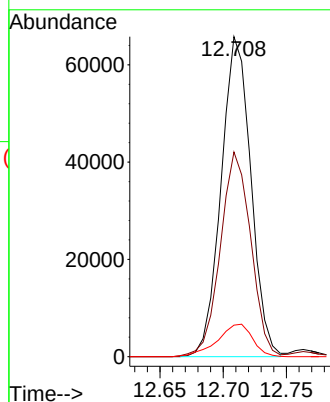
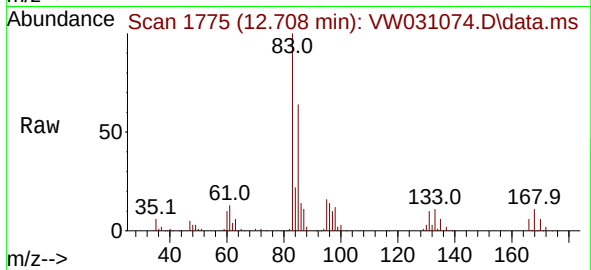




#57
1,1,2,2-Tetrachloroethane
Concen: 21.893 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

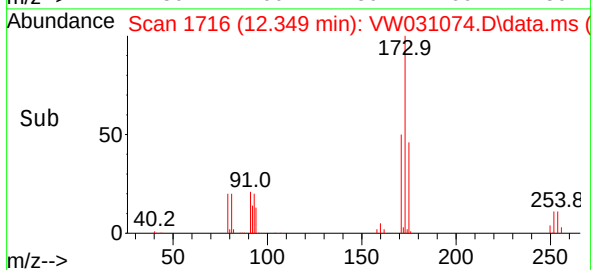
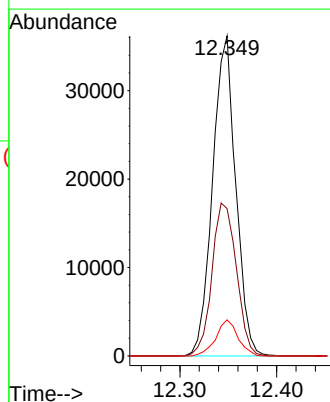
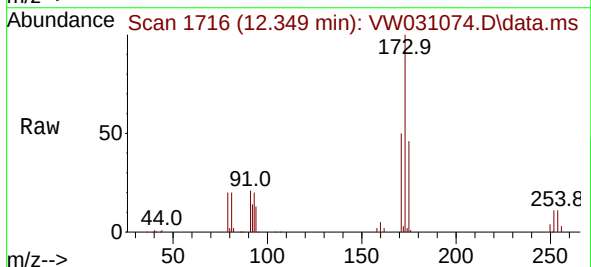
Instrument :
MSVOA_W
ClientSampleId :

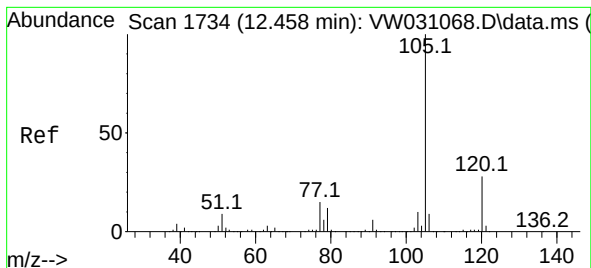
Tgt Ion: 83 Resp: 107602
Ion Ratio Lower Upper
83 100
85 63.9 48.3 89.7
131 9.9 8.9 13.3



#59
Bromoform
Concen: 20.920 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

Tgt Ion:173 Resp: 60093
Ion Ratio Lower Upper
173 100
175 50.4 36.6 54.8
254 10.8 7.7 11.5





#60

Isopropylbenzene

Concen: 23.160 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

ClientSampleId :

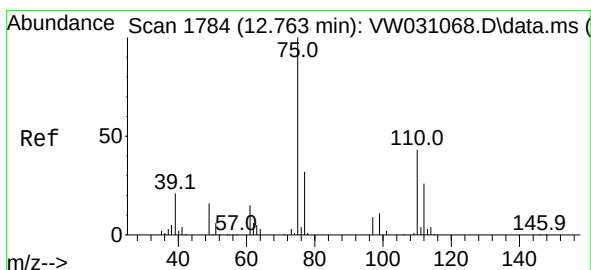
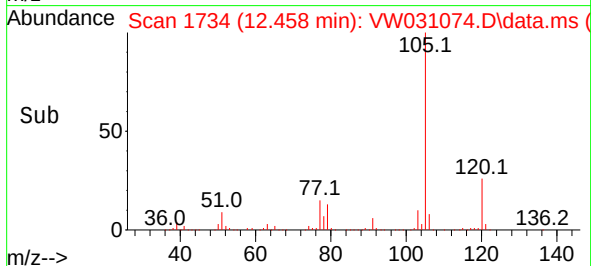
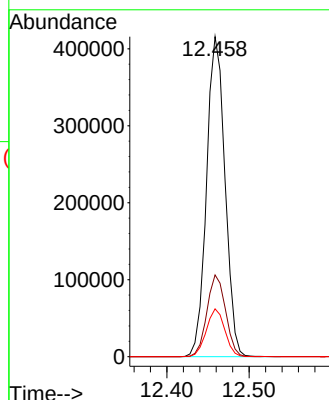
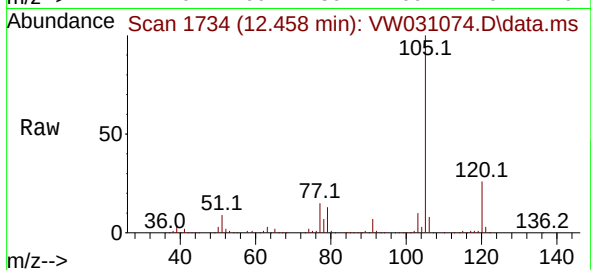
Tgt Ion:105 Resp: 647680

Ion Ratio Lower Upper

105 100

120 25.8 21.5 32.3

77 15.0 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 22.000 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

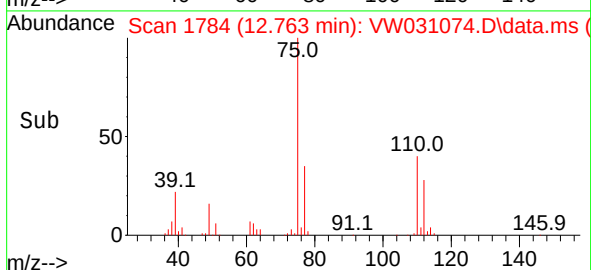
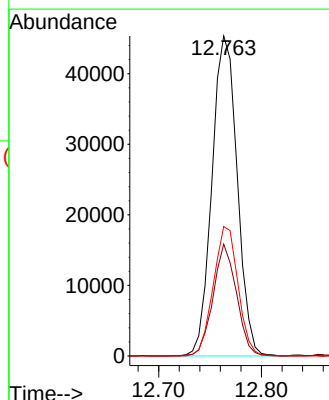
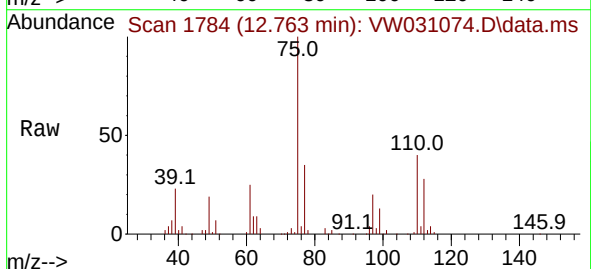
Tgt Ion: 75 Resp: 77302

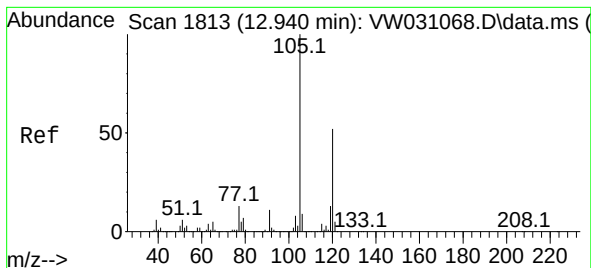
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2

110 39.5 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 23.699 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

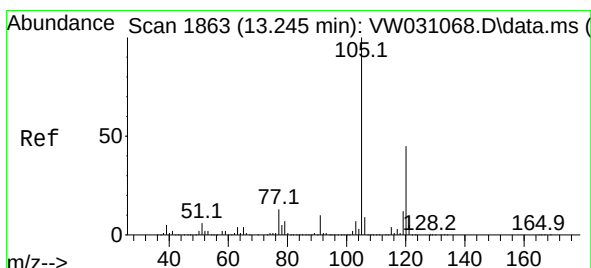
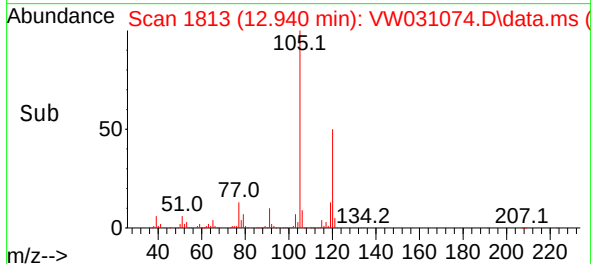
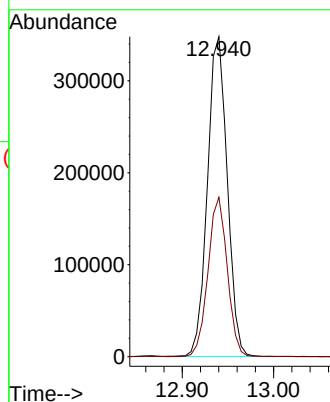
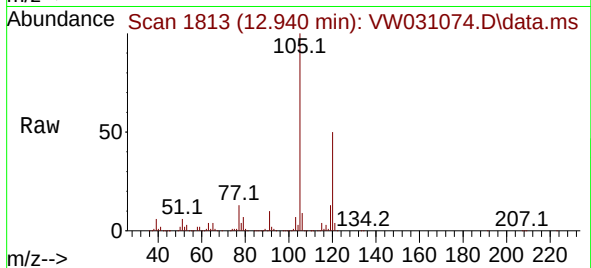
ClientSampleId :

Tgt Ion:105 Resp: 522784

Ion Ratio Lower Upper

105 100

120 48.6 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 23.347 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031074.D

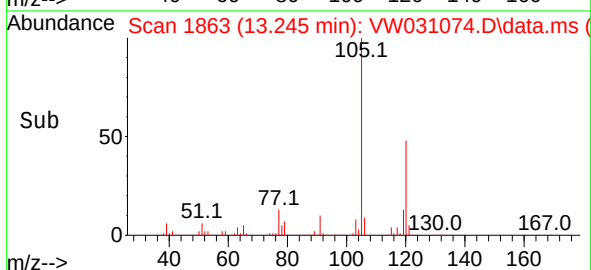
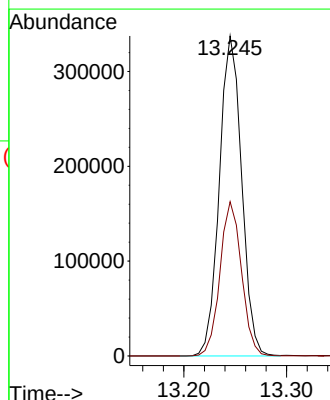
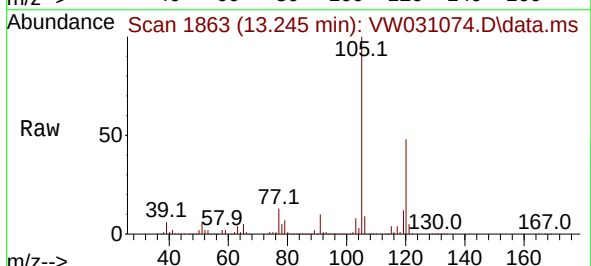
Acq: 20 Nov 2024 17:39

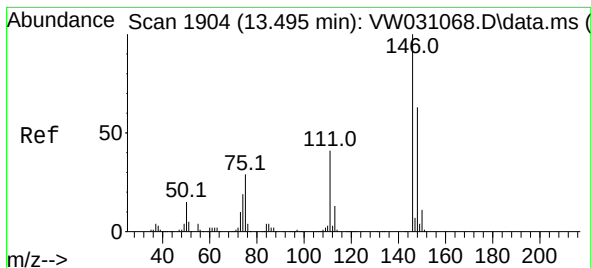
Tgt Ion:105 Resp: 508021

Ion Ratio Lower Upper

105 100

120 46.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 21.336 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

ClientSampleId :

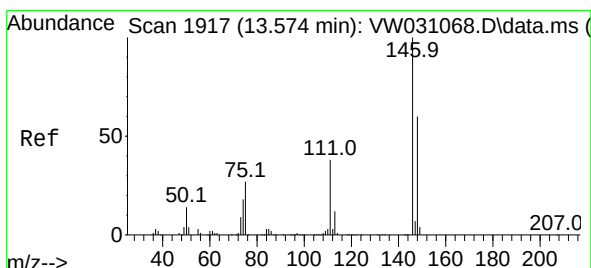
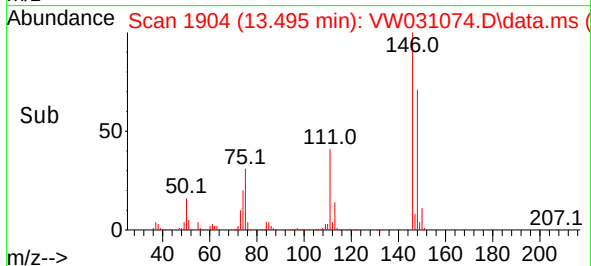
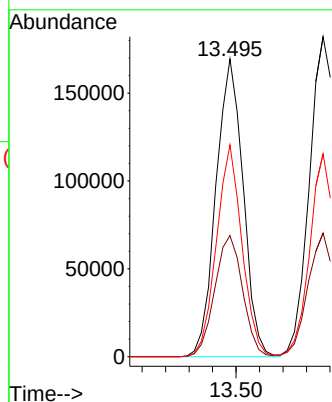
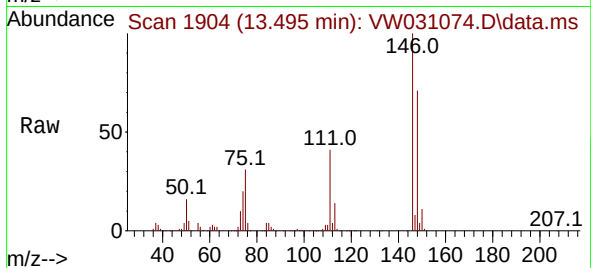
Tgt Ion:146 Resp: 272121

Ion Ratio Lower Upper

146 100

111 40.7 28.5 52.9

148 71.1 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 21.883 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

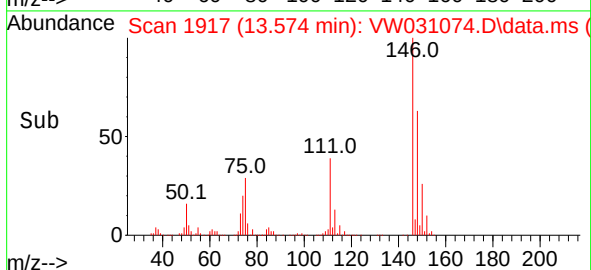
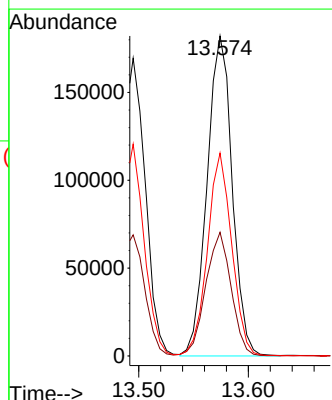
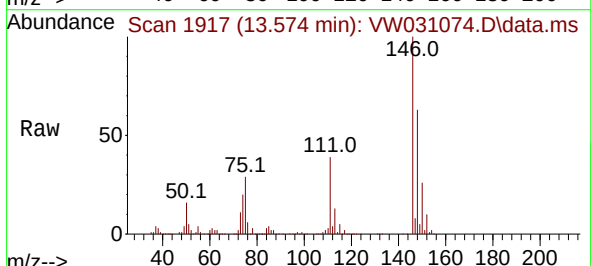
Tgt Ion:146 Resp: 290412

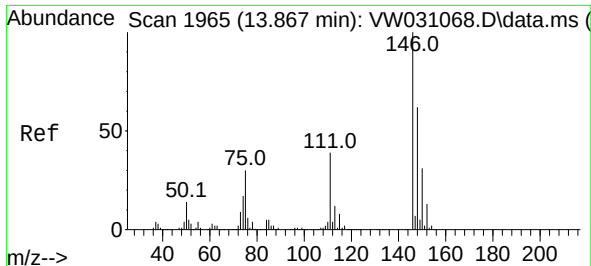
Ion Ratio Lower Upper

146 100

111 38.6 26.6 49.4

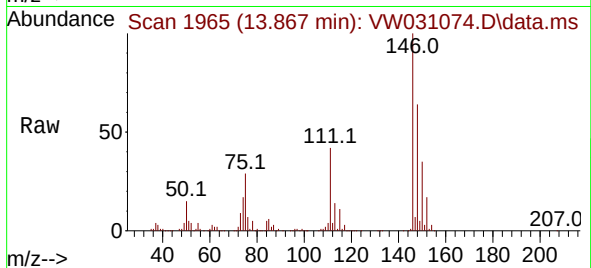
148 63.4 42.1 78.1



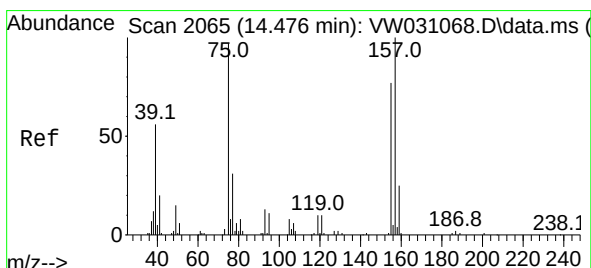
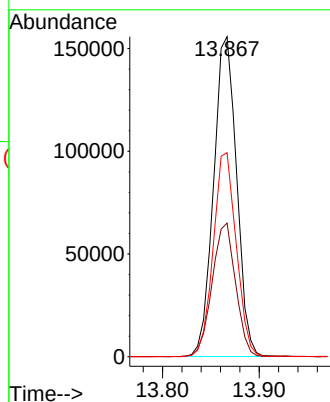
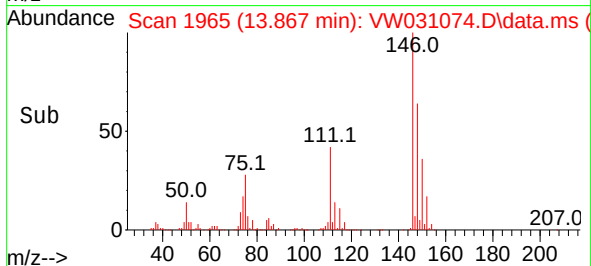


#67
1,2-Dichlorobenzene
Concen: 22.519 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

Instrument :
MSVOA_W
ClientSampleId :

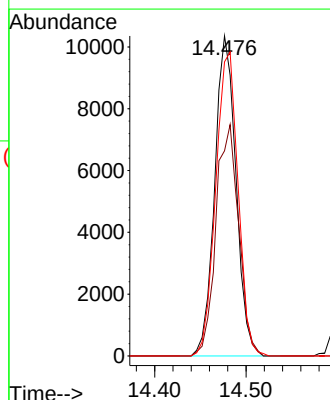
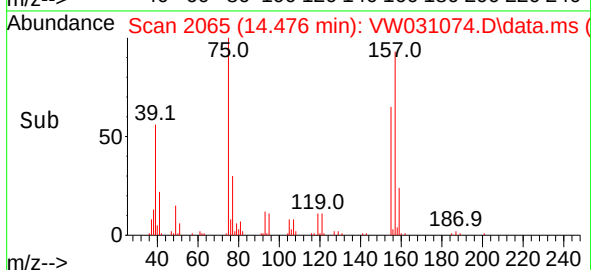
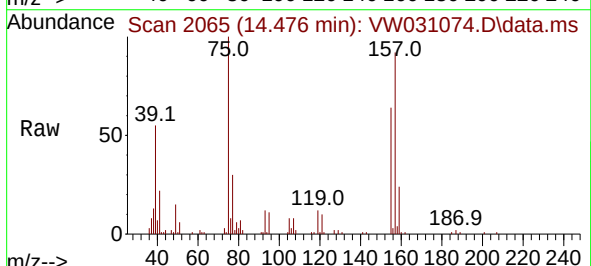


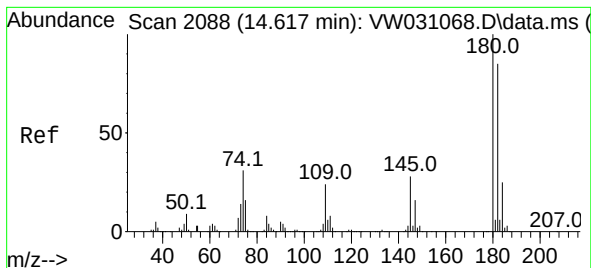
Tgt Ion:146 Resp: 257459
Ion Ratio Lower Upper
146 100
111 41.7 30.9 46.3
148 63.8 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 21.759 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031074.D
Acq: 20 Nov 2024 17:39

Tgt Ion: 75 Resp: 16711
Ion Ratio Lower Upper
75 100
155 64.1 63.1 94.7
157 91.9 82.1 123.1





#69

1,3,5-Trichlorobenzene

Concen: 21.578 ug/L

RT: 14.623 min Scan# 2088

Delta R.T. 0.006 min

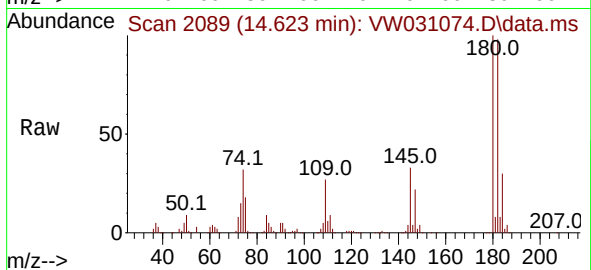
Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 188125

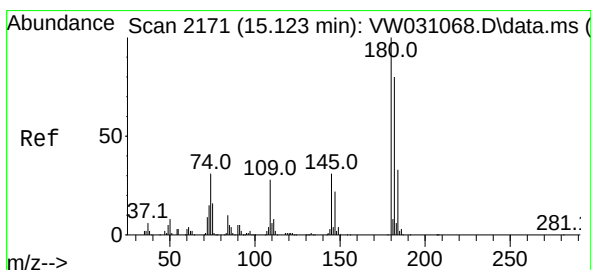
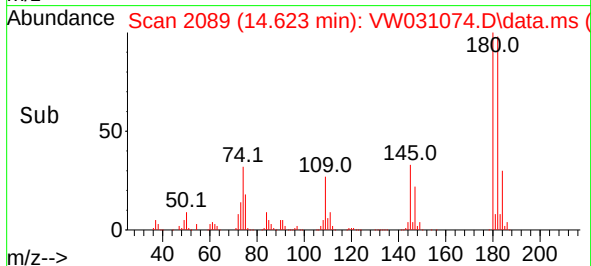
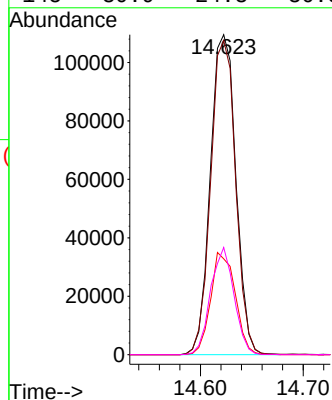
Ion Ratio Lower Upper

180 100

182 96.3 78.2 117.2

184 31.0 24.0 36.0

145 30.9 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 21.213 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031074.D

Acq: 20 Nov 2024 17:39

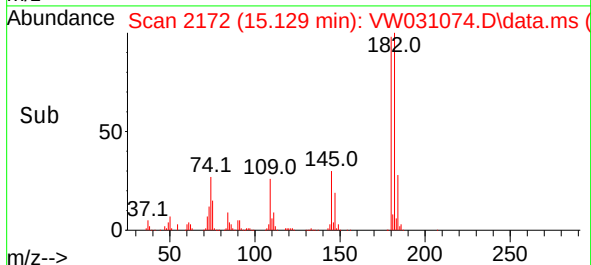
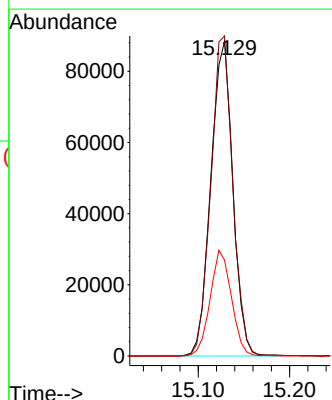
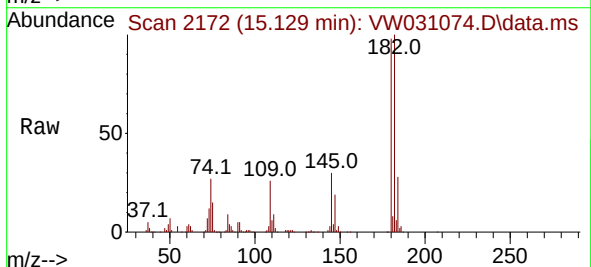
Tgt Ion:180 Resp: 147909

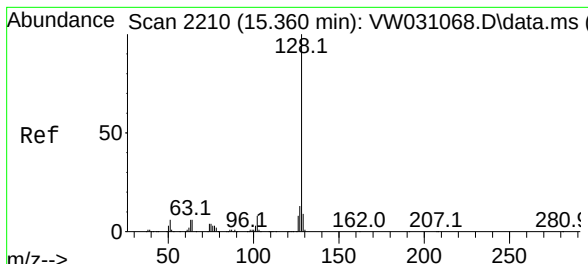
Ion Ratio Lower Upper

180 100

182 100.8 76.1 114.1

145 32.5 25.7 38.5



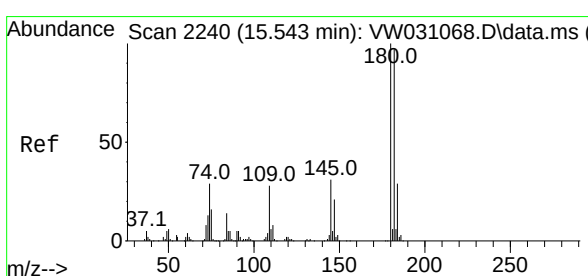
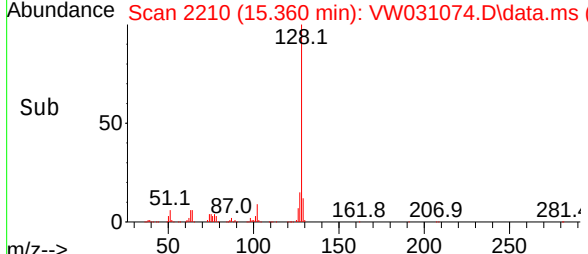
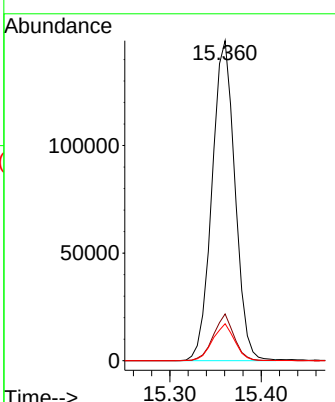
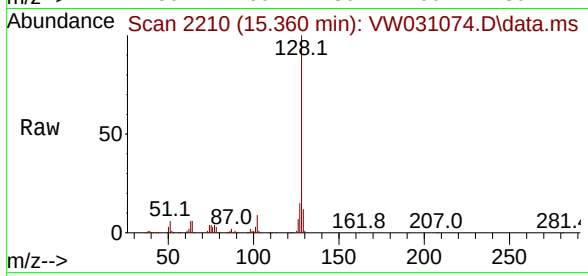


#71
 Naphthalene
 Concen: 22.038 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW031074.D
 Acq: 20 Nov 2024 17:39

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 259790

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.1	8.3	12.5



#72
 1,2,3-Trichlorobenzene
 Concen: 21.169 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW031074.D
 Acq: 20 Nov 2024 17:39

Tgt Ion:180 Resp: 131370

Ion	Ratio	Lower	Upper
180	100		
182	98.4	78.7	118.1
145	32.8	26.3	39.5

