

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092324\
 Data File : VW030210.D
 Acq On : 23 Sep 2024 19:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.24g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 01:21:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 24 01:15:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	292553	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	272111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	87691	23.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.840%
7) Chloroethane-d5	2.899	69	76485	28.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.720%
11) 1,1-Dichloroethene-d2	4.021	65	38089	20.177	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.720%
21) 2-Butanone-d5	7.075	46	48157	52.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.280%
24) Chloroform-d	7.648	84	185164	23.019	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	8.307	65	97625	24.168	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.680%
32) Benzene-d6	8.276	84	357152	22.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.120%
36) 1,2-Dichloropropane-d6	9.276	67	105672	21.833	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.320%
41) Toluene-d8	10.325	98	329104	23.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.720%
43) trans-1,3-Dichloroprop...	10.575	79	43659	22.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.080%
47) 2-Hexanone-d5	10.922	63	41306	55.772	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88018	24.427	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	111605	23.590	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64771	20.079	ug/L	99
3) Chloromethane	2.223	50	86265	28.642	ug/L	97
5) Vinyl chloride	2.375	62	112414	30.286	ug/L	99
6) Bromomethane	2.790	94	74047	33.300	ug/L	99
8) Chloroethane	2.936	64	74015	33.411	ug/L	92
9) Trichlorofluoromethane	3.265	101	103805	23.712	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	104728	26.390	ug/L	96
12) 1,1-Dichloroethene	4.045	96	90215	25.833	ug/L	94
13) Acetone	4.125	43	55846	53.209	ug/L	95
14) Carbon disulfide	4.393	76	217279	21.903	ug/L	97
15) Methyl Acetate	4.673	43	42157	24.837	ug/L	96
16) Methylene chloride	4.923	84	107831	24.996	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	100840	26.194	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	177285	29.220	ug/L	97
19) 1,1-Dichloroethane	6.222	63	201072	25.722	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	121287	28.708	ug/L	97
22) 2-Butanone	7.173	43	63956	51.478	ug/L	97
23) Bromochloromethane	7.520	128	51964	27.522	ug/L	88
25) Chloroform	7.673	83	216788	27.304	ug/L	97

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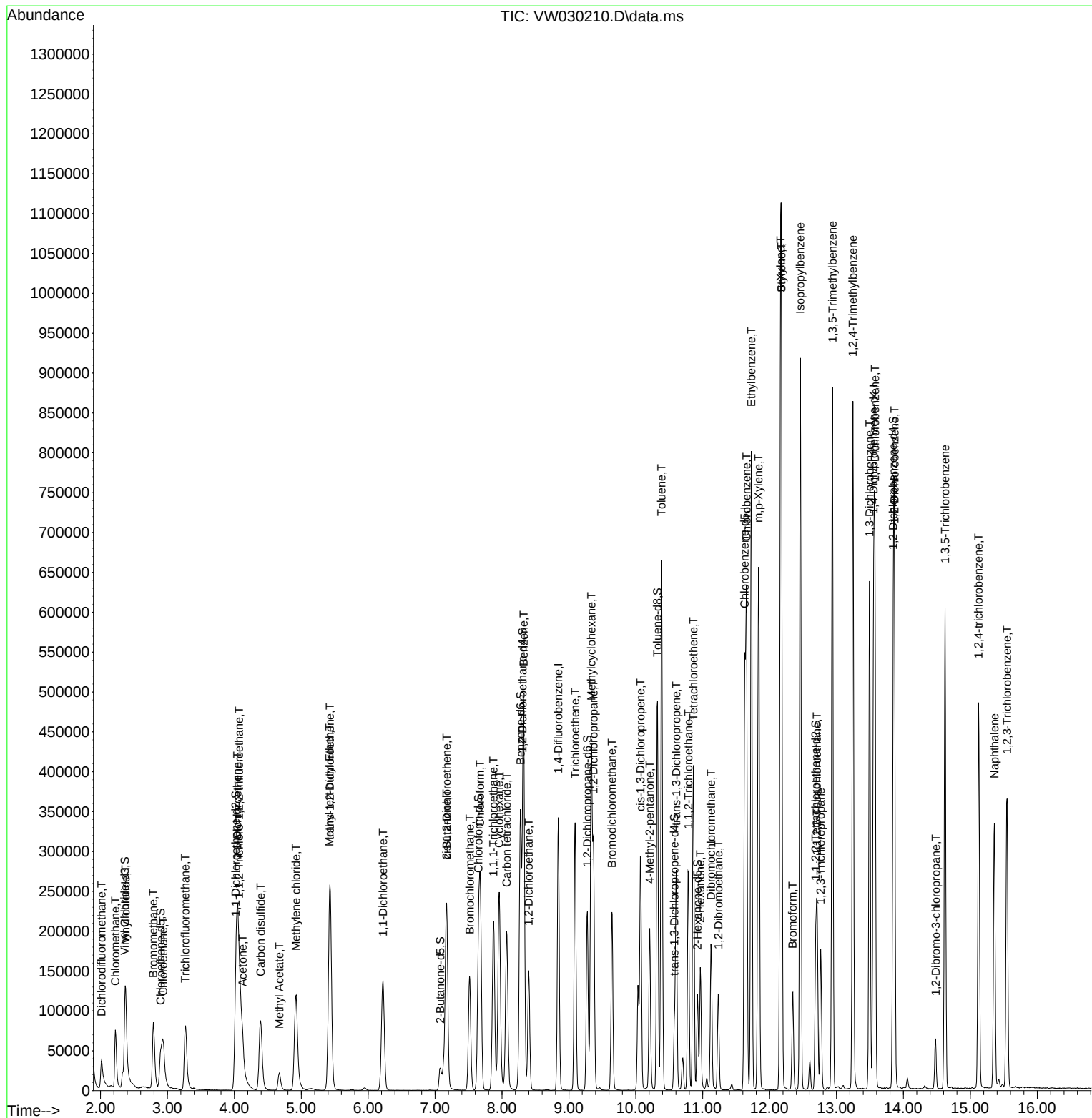
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137223	27.561	ug/L	100
29) Cyclohexane	7.959	56	146378	25.249	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	178640	27.142	ug/L	98
31) Carbon tetrachloride	8.069	117	155734	26.039	ug/L	99
33) Benzene	8.325	78	436688	26.248	ug/L	100
34) Trichloroethene	9.093	95	119937	26.706	ug/L	95
35) Methylcyclohexane	9.337	83	179224	25.886	ug/L	96
37) 1,2-Dichloropropane	9.368	63	113810	25.239	ug/L	100
38) Bromodichloromethane	9.642	83	152010	26.771	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	178131	27.003	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	129031	56.001	ug/L	99
42) Toluene	10.386	91	486086	27.535	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	148556	26.770	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	89367	27.236	ug/L	95
46) Tetrachloroethene	10.861	164	91001	27.461	ug/L	94
48) 2-Hexanone	10.965	43	93065	52.525	ug/L	97
49) Dibromochloromethane	11.123	129	96715	27.083	ug/L	100
50) 1,2-Dibromoethane	11.233	107	81498	26.937	ug/L	100
51) Chlorobenzene	11.654	112	310705	27.249	ug/L	95
52) Ethylbenzene	11.727	91	560244	27.725	ug/L	99
53) m,p-Xylene	11.837	106	213193	28.594	ug/L	98
54) o-Xylene	12.166	106	204427	29.137	ug/L	87
55) Styrene	12.178	104	353614	29.057	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	104230	26.614	ug/L	99
59) Bromoform	12.343	173	55518	25.169	ug/L	97
60) Isopropylbenzene	12.459	105	574726	28.008	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72883	25.137	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	468291	31.137	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	459604	29.395	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	255792	28.127	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	248463	26.445	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	232335	28.347	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.483	75	16167	25.567	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.623	180	187535	29.543	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	150369	29.243	ug/L	96
71) Naphthalene	15.360	128	284115	30.427	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	121643	26.977	ug/L	96

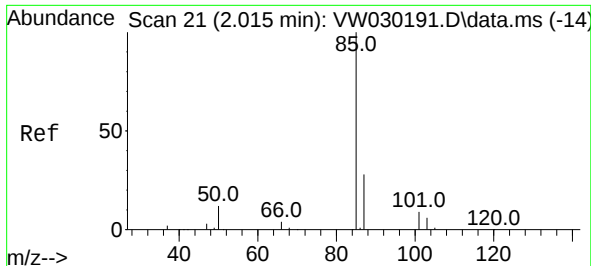
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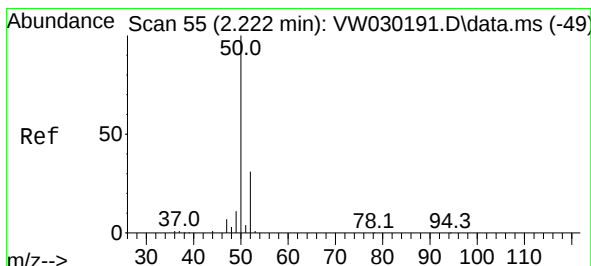
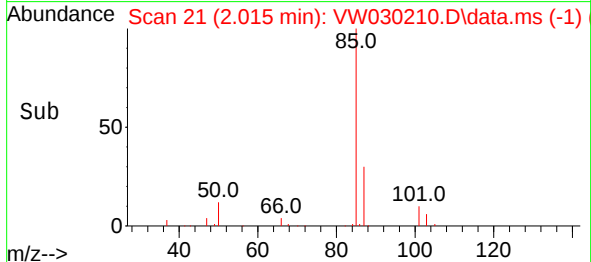
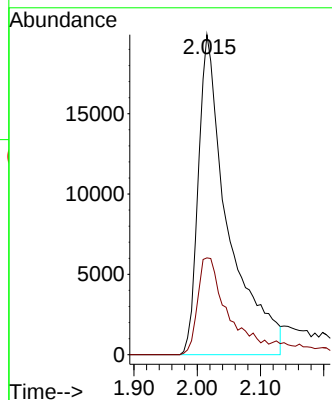
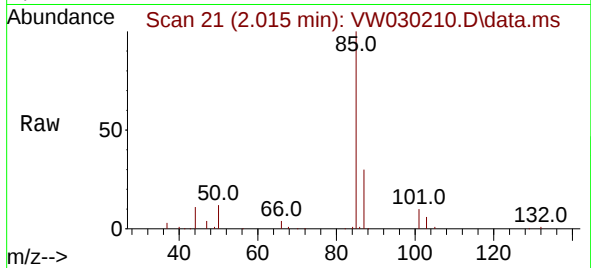




#2
 Dichlorodifluoromethane
 Concen: 20.079 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030210.D
 Acq: 23 Sep 2024 19:17

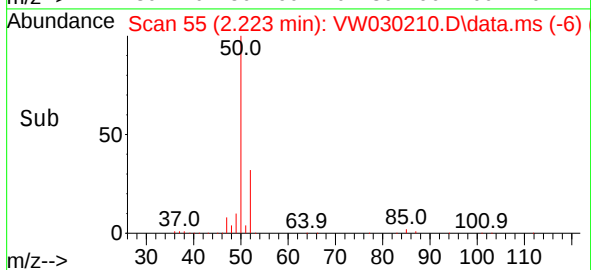
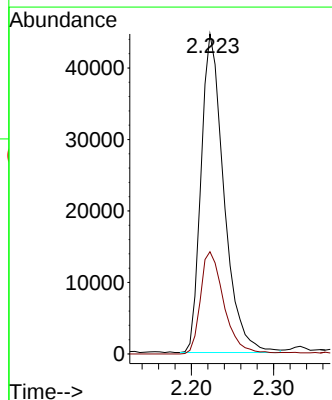
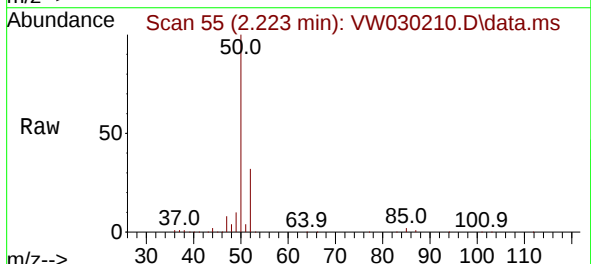
Instrument :
 MSVOA_W
 ClientSampleId :

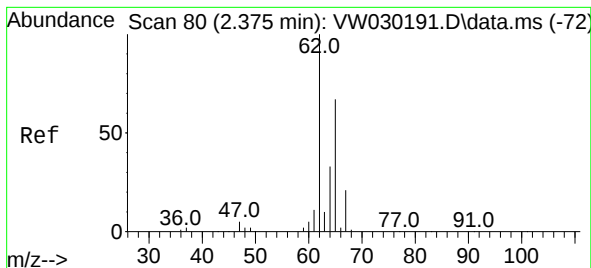
Tgt Ion: 85 Resp: 64771
 Ion Ratio Lower Upper
 85 100
 87 26.1 21.2 31.8



#3
 Chloromethane
 Concen: 28.642 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030210.D
 Acq: 23 Sep 2024 19:17

Tgt Ion: 50 Resp: 86265
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.4 43.6





#5

Vinyl chloride

Concen: 30.286 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

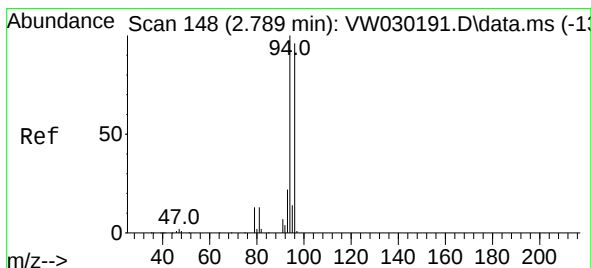
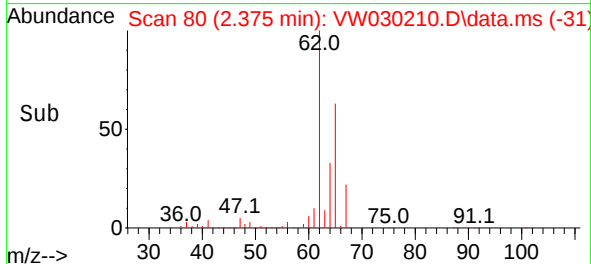
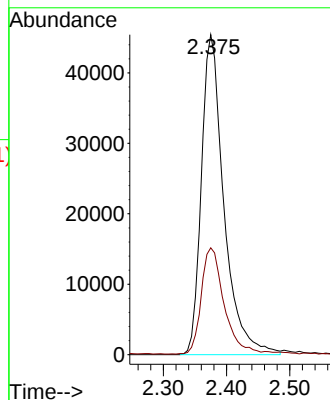
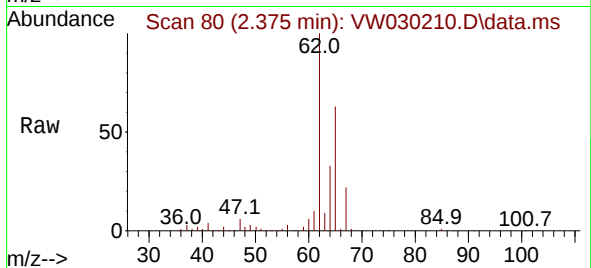
ClientSampleId :

Tgt Ion: 62 Resp: 112414

Ion Ratio Lower Upper

62 100

64 33.4 23.0 42.8



#6

Bromomethane

Concen: 33.300 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030210.D

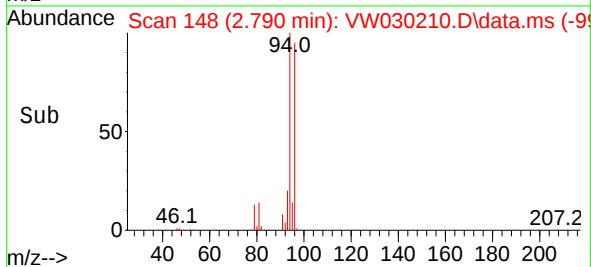
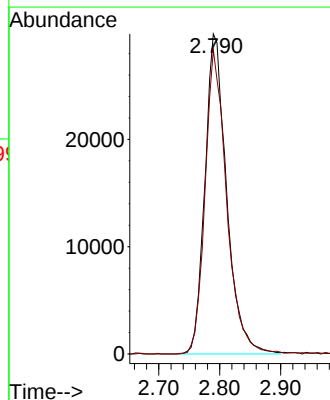
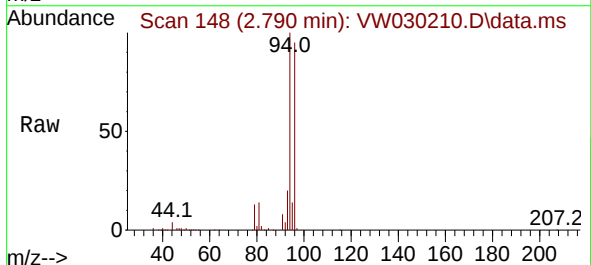
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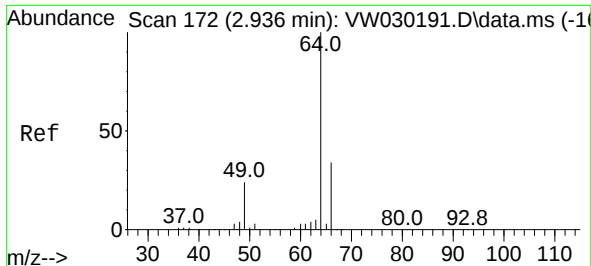
Tgt Ion: 94 Resp: 74047

Ion Ratio Lower Upper

94 100

96 95.0 67.5 125.3

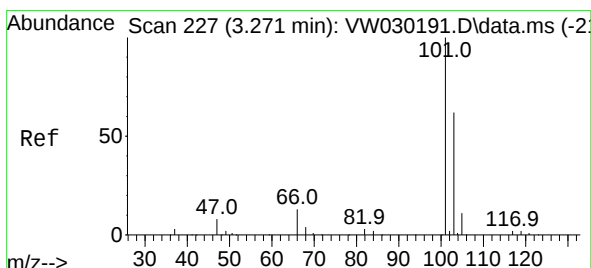
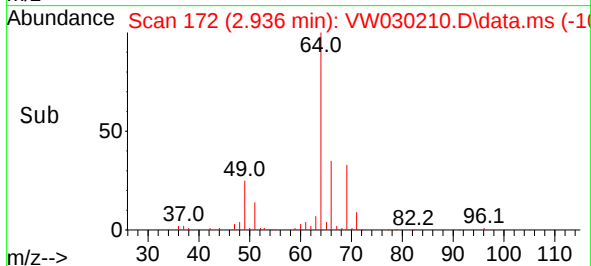
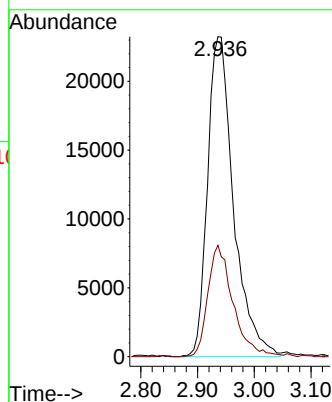
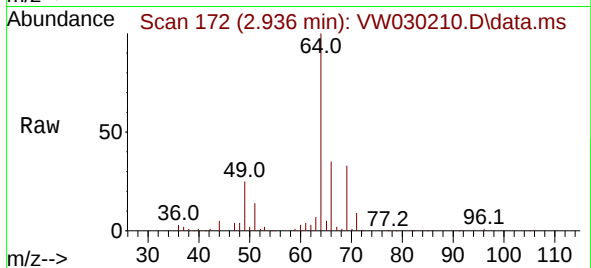




#8
Chloroethane
Concen: 33.411 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

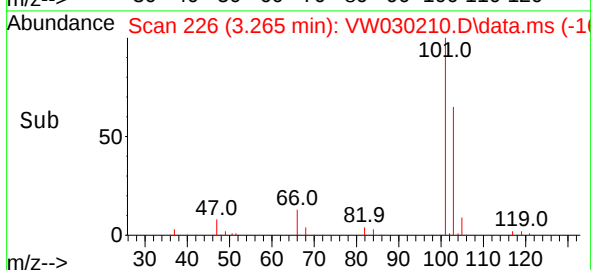
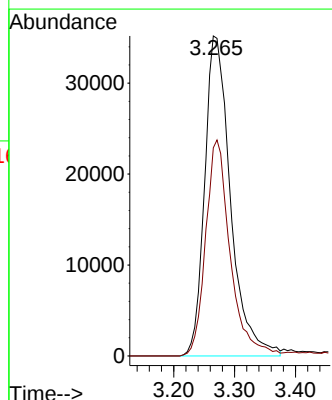
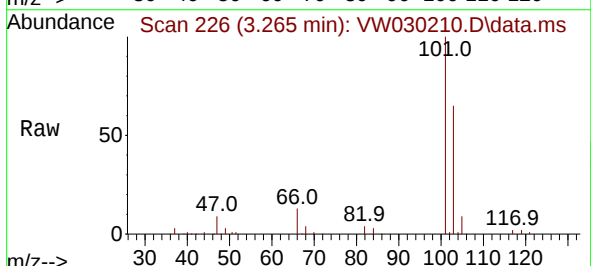
Instrument :
MSVOA_W
ClientSampleId :

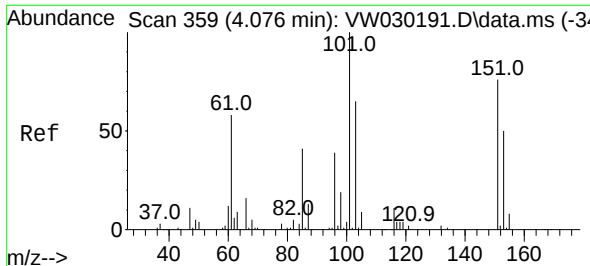
Tgt Ion: 64 Resp: 74015
Ion Ratio Lower Upper
64 100
66 34.8 21.1 39.3



#9
Trichlorofluoromethane
Concen: 23.712 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

Tgt Ion:101 Resp: 103805
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6





#10

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

Concen: 26.390 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

ClientSampleId :

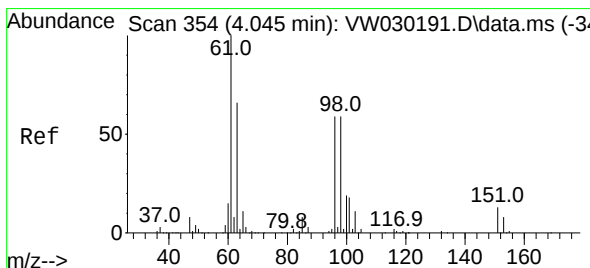
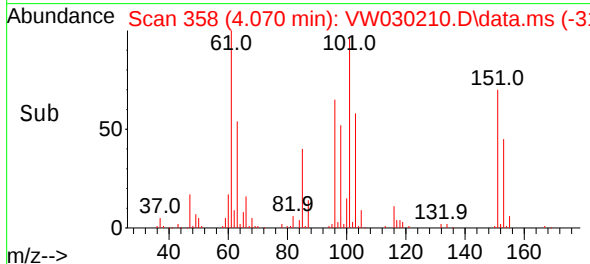
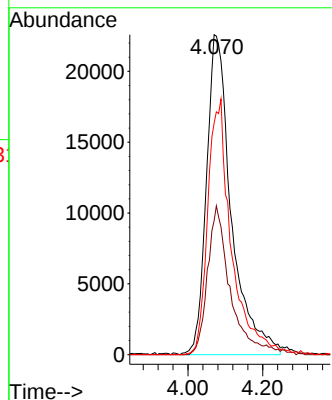
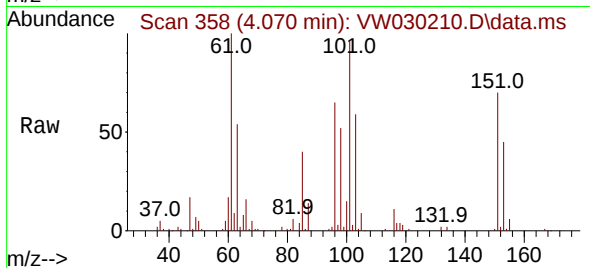
Tgt Ion:101 Resp: 104728

Ion Ratio Lower Upper

101 100

85 40.9 34.2 51.2

151 74.2 56.1 84.1



#12

1,1-Dichloroethene

Concen: 25.833 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

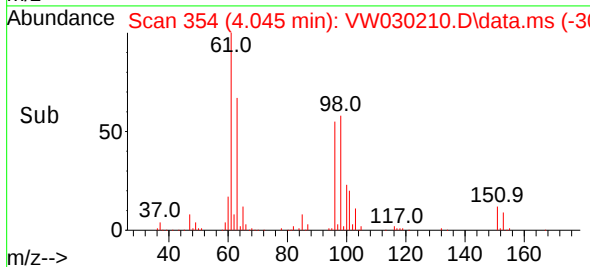
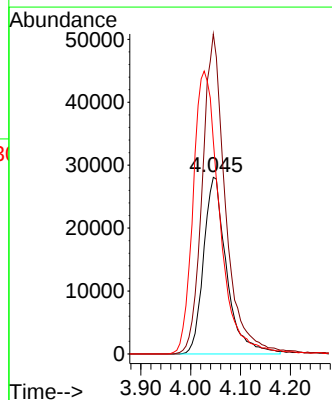
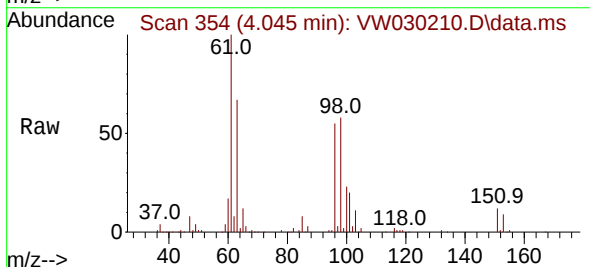
Tgt Ion: 96 Resp: 90215

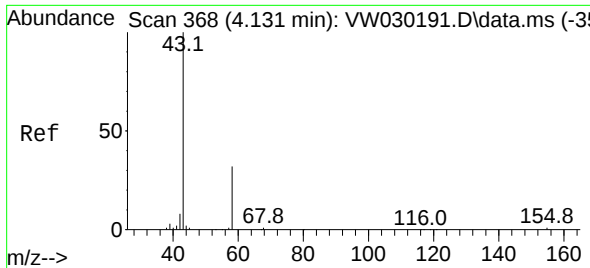
Ion Ratio Lower Upper

96 100

61 181.1 124.0 230.4

63 120.7 93.3 173.3





#13

Acetone

Concen: 53.209 ug/L

RT: 4.125 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

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MSVOA_W

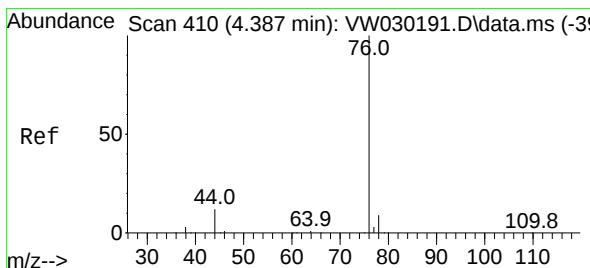
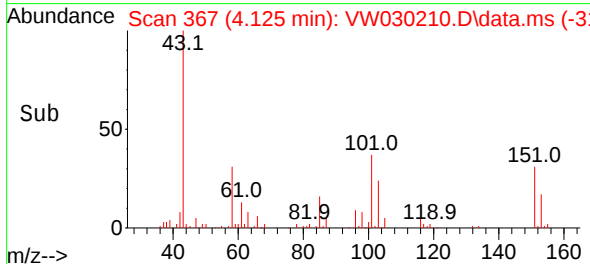
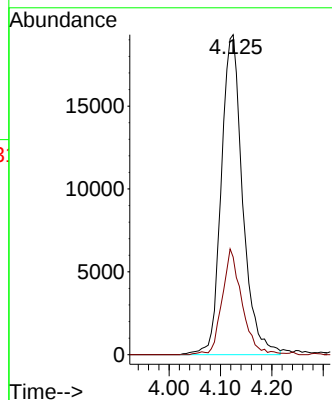
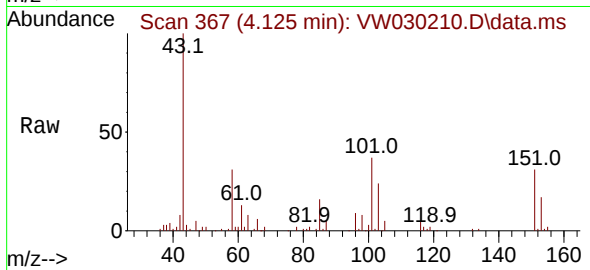
ClientSampleId :

Tgt Ion: 43 Resp: 55846

Ion Ratio Lower Upper

43 100

58 29.8 0.0 65.0



#14

Carbon disulfide

Concen: 21.903 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW030210.D

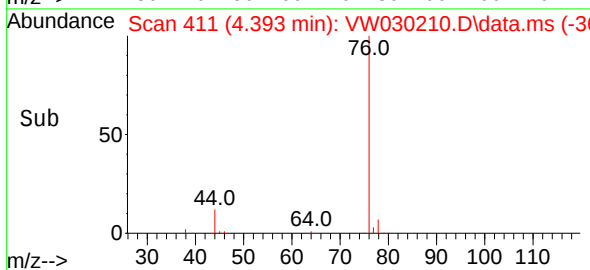
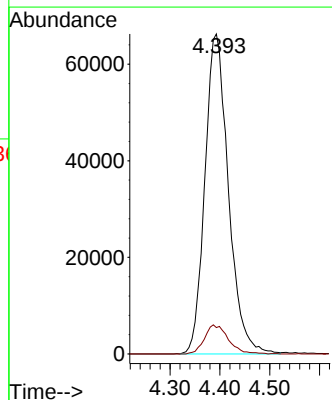
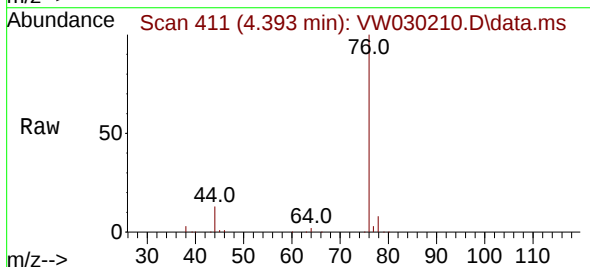
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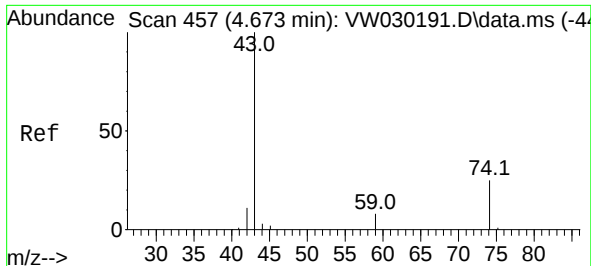
Tgt Ion: 76 Resp: 217279

Ion Ratio Lower Upper

76 100

78 8.3 7.6 11.4





#15

Methyl Acetate

Concen: 24.837 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

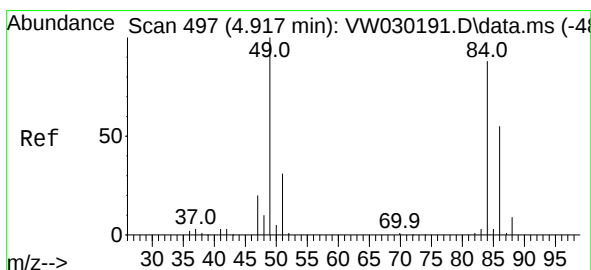
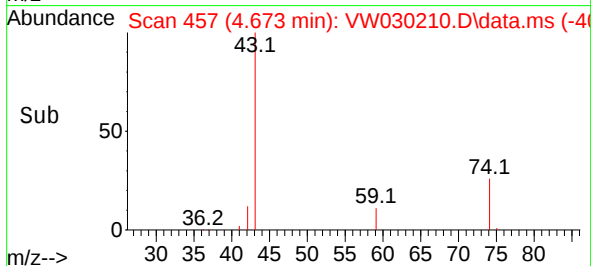
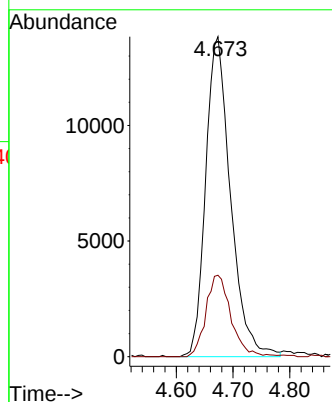
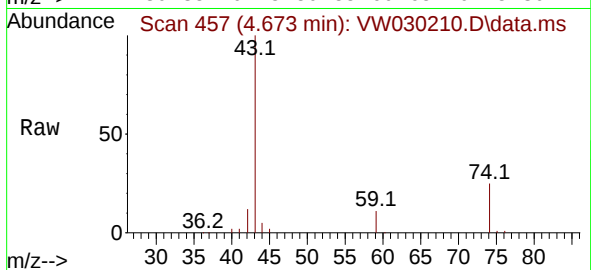
ClientSampleId :

Tgt Ion: 43 Resp: 42157

Ion Ratio Lower Upper

43 100

74 25.3 18.9 28.3



#16

Methylene chloride

Concen: 24.996 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

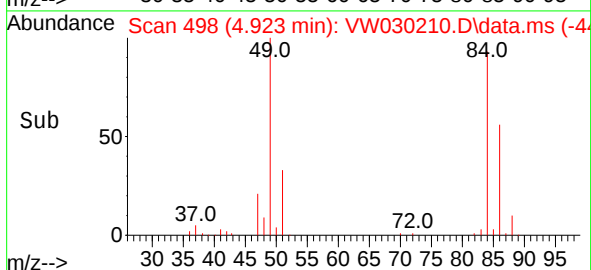
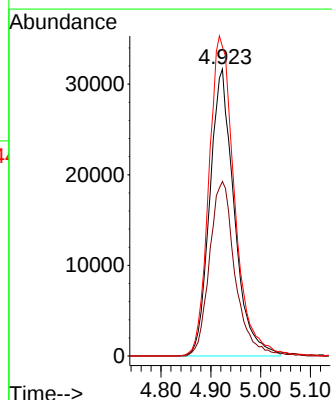
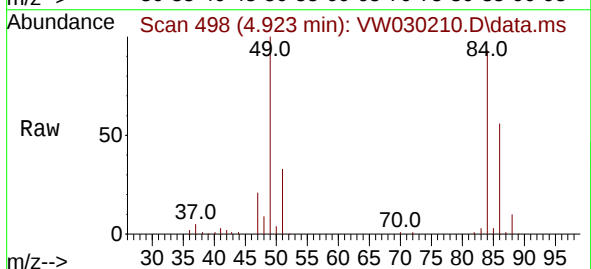
Tgt Ion: 84 Resp: 107831

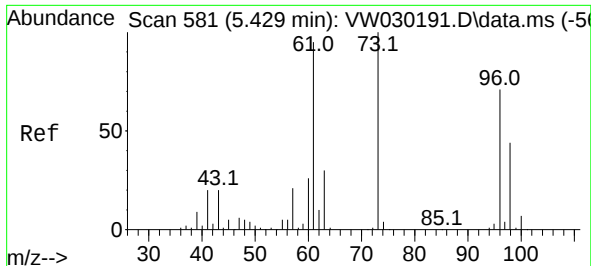
Ion Ratio Lower Upper

84 100

86 60.8 44.6 82.8

49 107.7 83.8 155.6





#17

trans-1,2-Dichloroethene

Concen: 26.194 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

ClientSampleId :

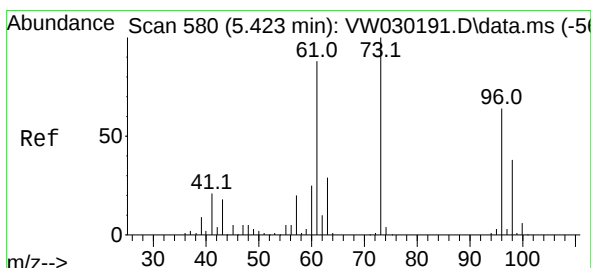
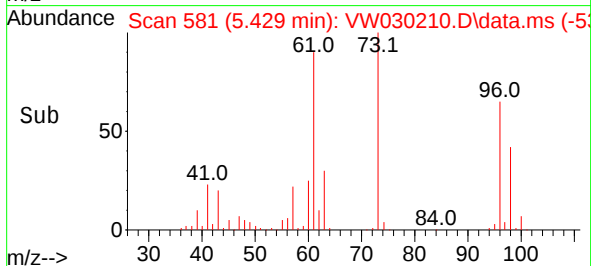
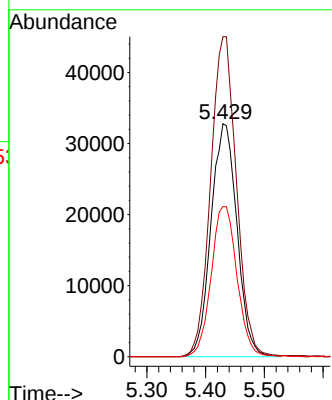
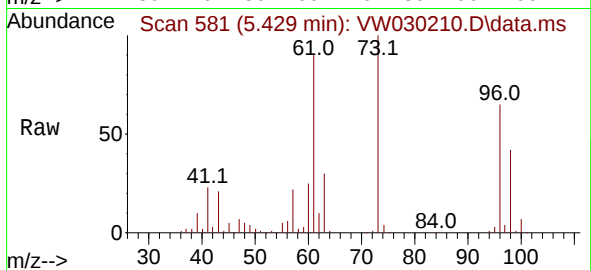
Tgt Ion: 96 Resp: 100840

Ion Ratio Lower Upper

96 100

61 137.4 100.8 187.2

98 64.5 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 29.220 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

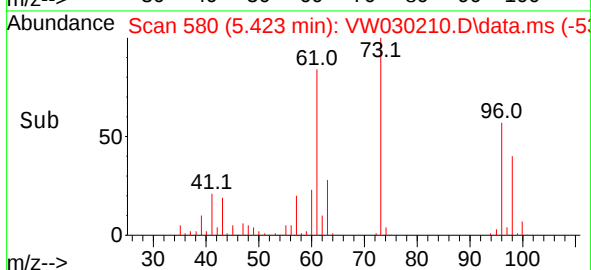
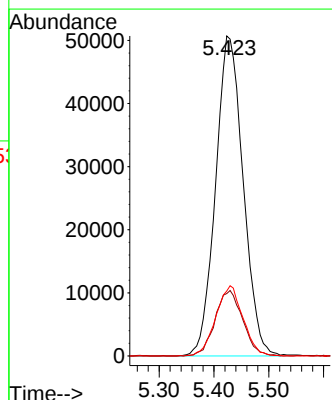
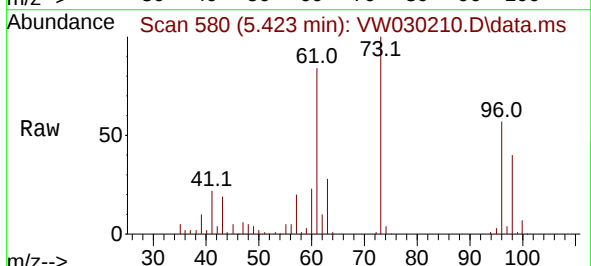
Tgt Ion: 73 Resp: 177285

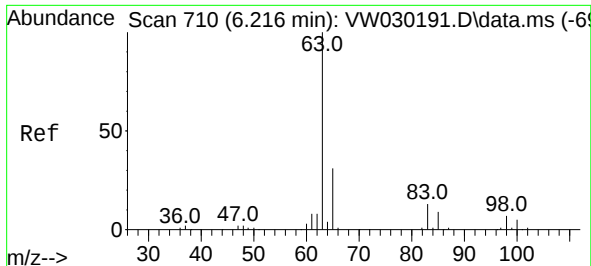
Ion Ratio Lower Upper

73 100

43 20.5 15.7 23.5

57 21.6 18.8 28.2





#19

1,1-Dichloroethane

Concen: 25.722 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

ClientSampleId :

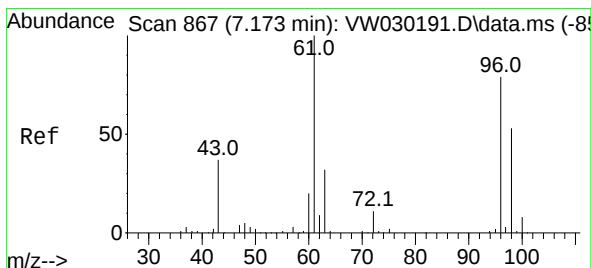
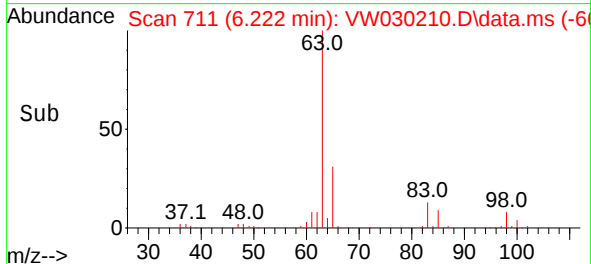
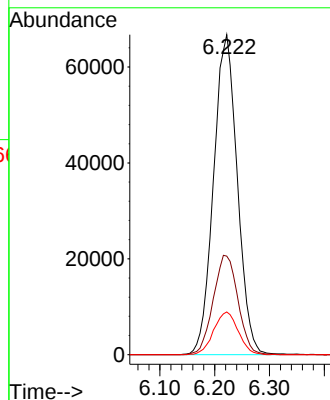
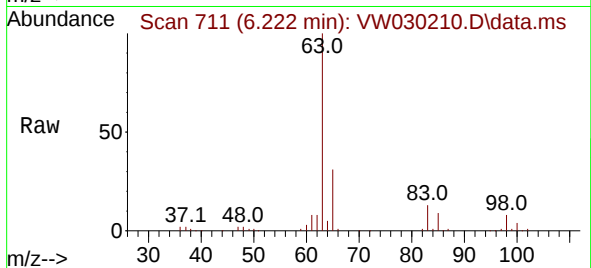
Tgt Ion: 63 Resp: 201072

Ion Ratio Lower Upper

63 100

65 30.8 21.6 40.0

83 13.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 28.708 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

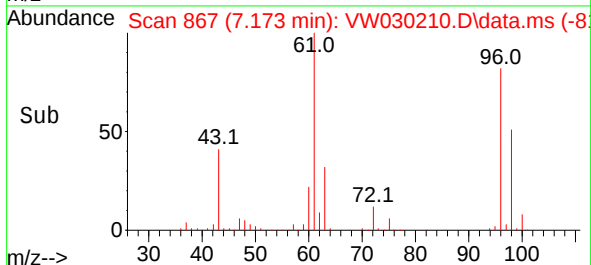
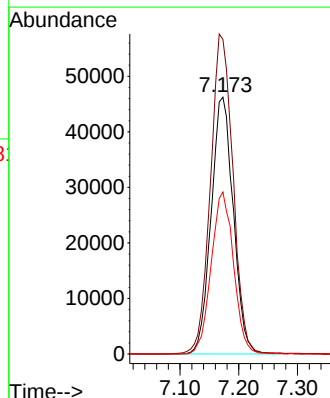
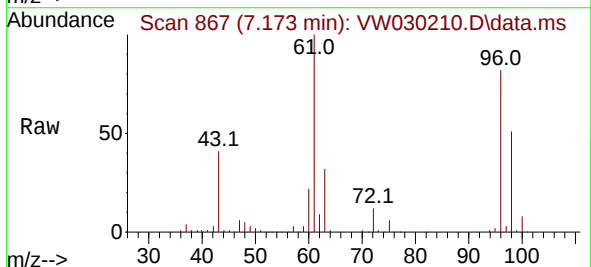
Tgt Ion: 96 Resp: 121287

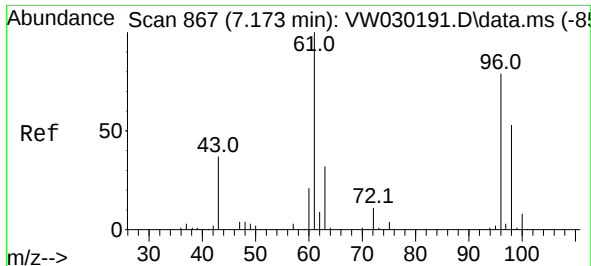
Ion Ratio Lower Upper

96 100

61 122.5 89.5 166.3

98 63.1 44.3 82.3





#22

2-Butanone

Concen: 51.478 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

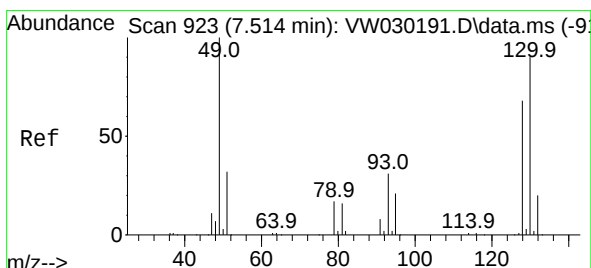
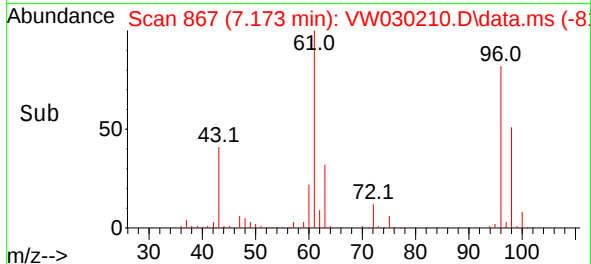
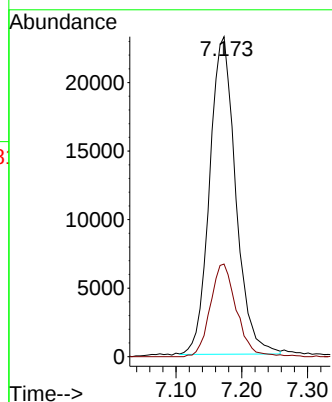
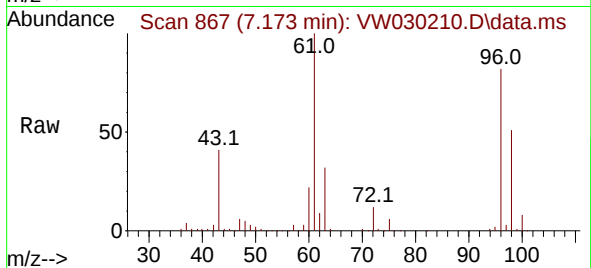
ClientSampleId :

Tgt Ion: 43 Resp: 63956

Ion Ratio Lower Upper

43 100

72 29.3 13.9 41.7



#23

Bromochloromethane

Concen: 27.522 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Tgt Ion: 128 Resp: 51964

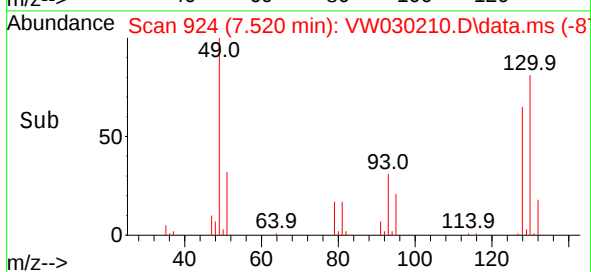
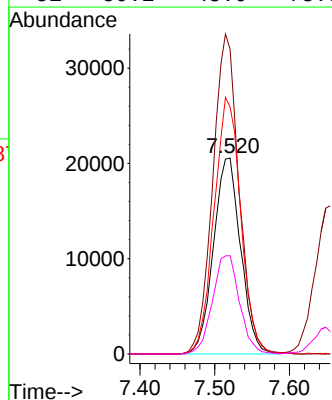
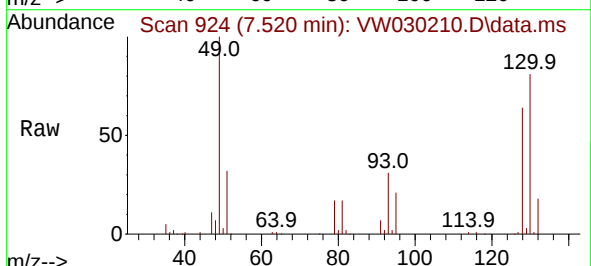
Ion Ratio Lower Upper

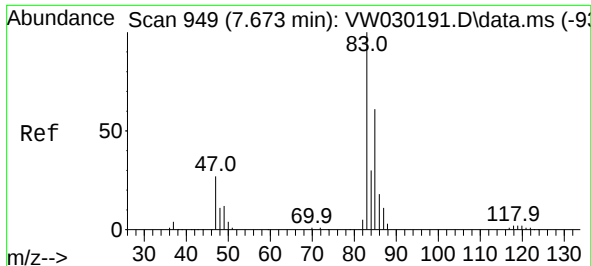
128 100

49 155.4 126.1 234.1

130 126.1 85.9 159.5

51 50.2 48.9 73.3





#25

Chloroform

Concen: 27.304 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

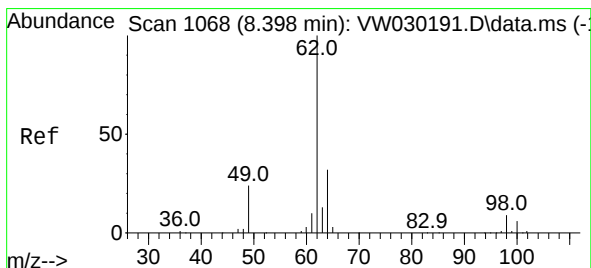
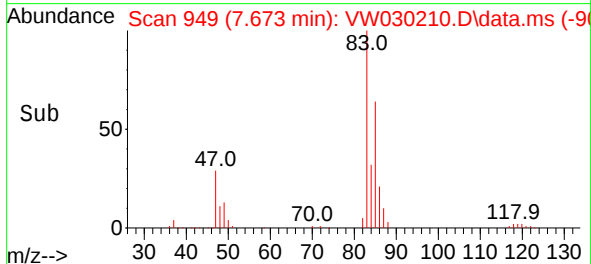
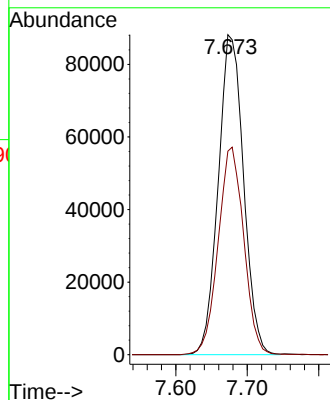
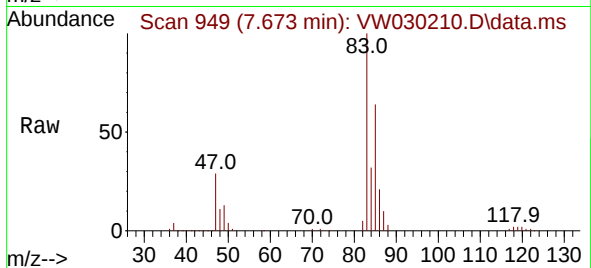
ClientSampleId :

Tgt Ion: 83 Resp: 216788

Ion Ratio Lower Upper

83 100

85 63.6 46.1 85.5



#27

1,2-Dichloroethane

Concen: 27.561 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030210.D

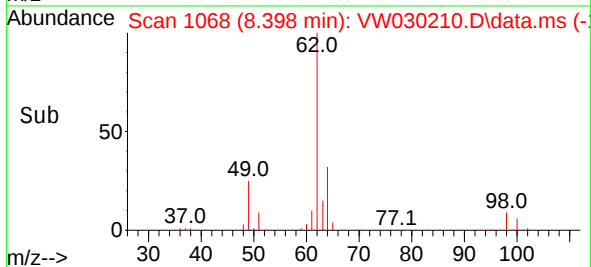
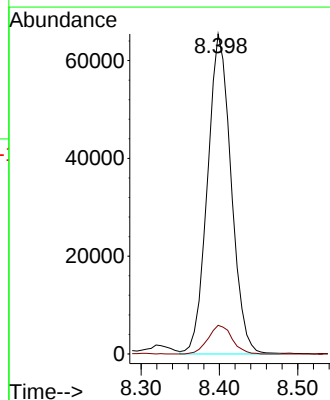
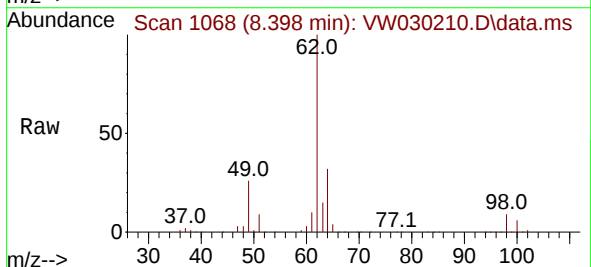
Acq: 23 Sep 2024 19:17

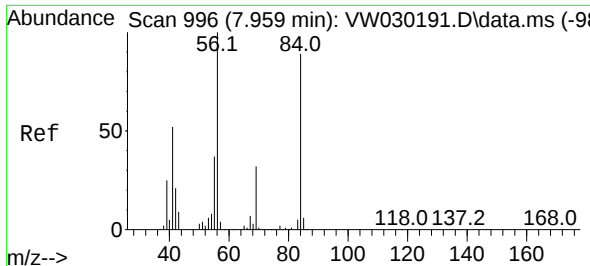
Tgt Ion: 62 Resp: 137223

Ion Ratio Lower Upper

62 100

98 9.0 7.3 10.9





#29

Cyclohexane

Concen: 25.249 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

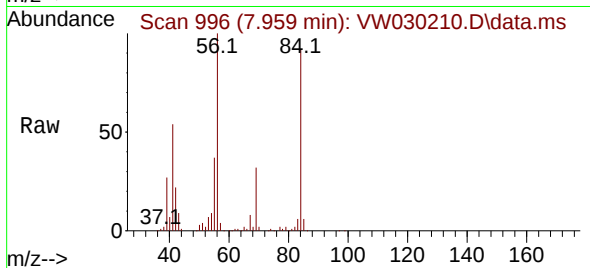
Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

ClientSampleId :



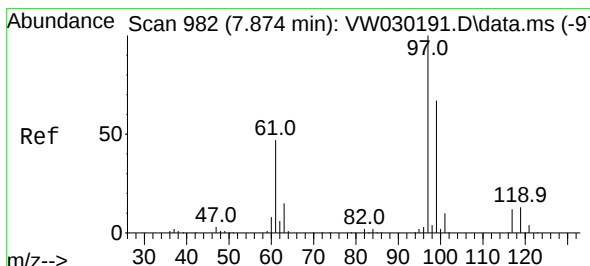
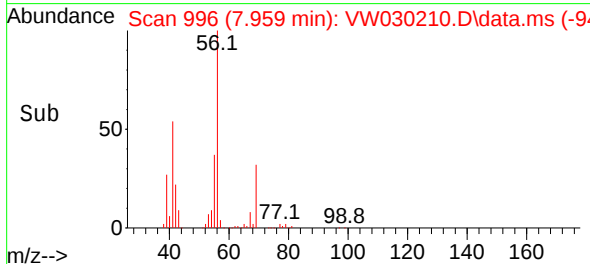
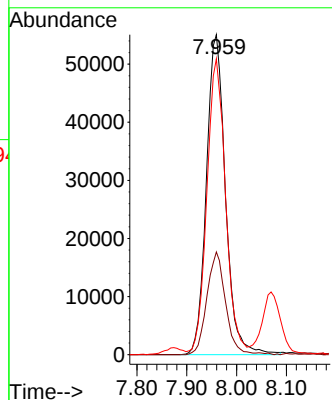
Tgt Ion: 56 Resp: 146378

Ion Ratio Lower Upper

56 100

69 31.1 24.6 37.0

84 90.6 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 27.142 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

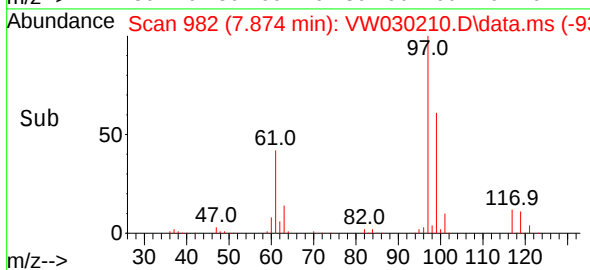
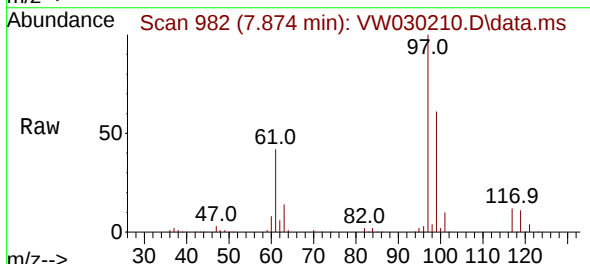
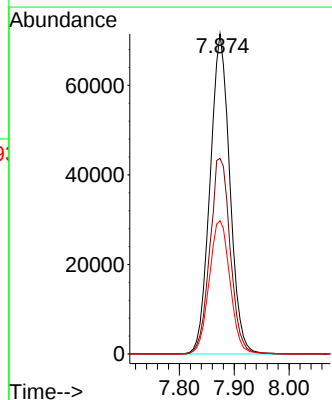
Tgt Ion: 97 Resp: 178640

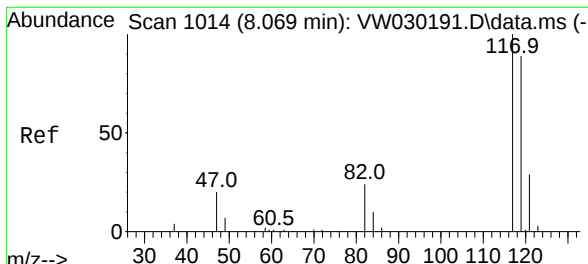
Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 44.0 36.4 54.6

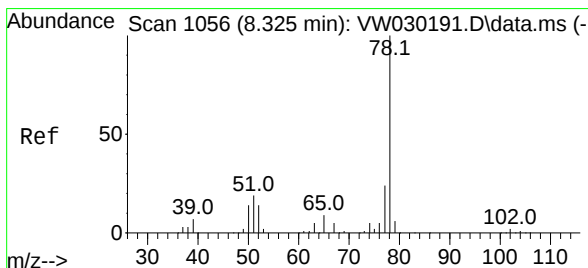
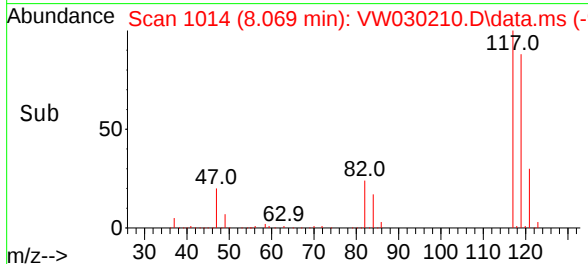
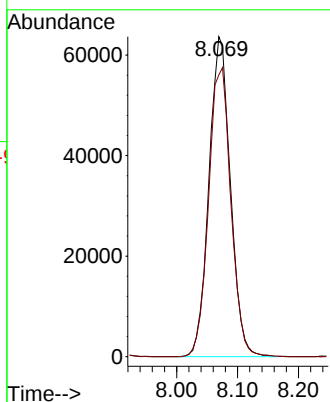
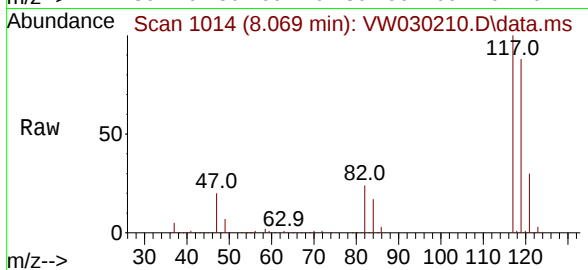




#31
Carbon tetrachloride
Concen: 26.039 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

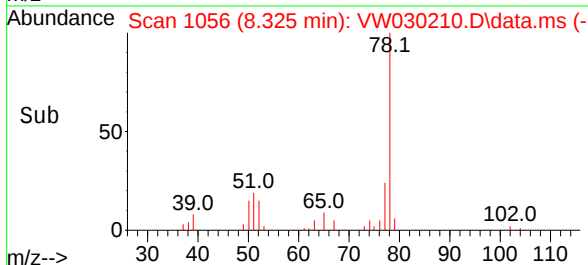
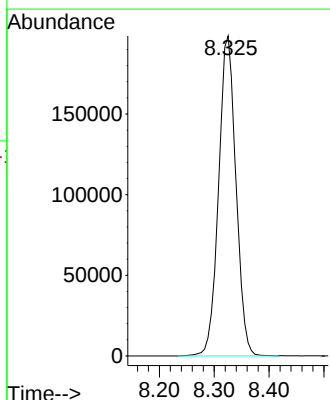
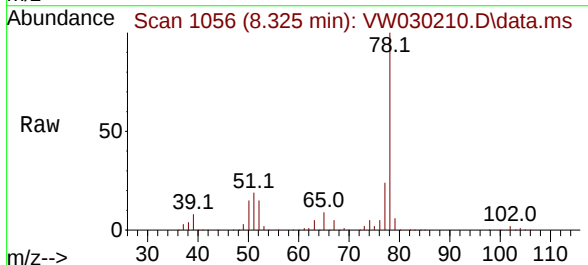
Instrument :
MSVOA_W
ClientSampleId :

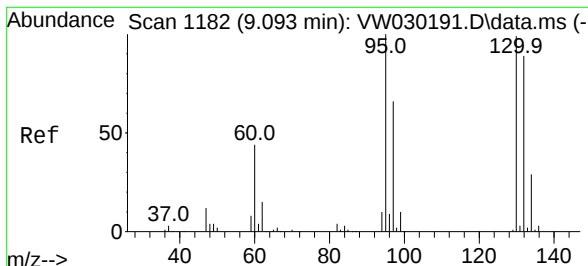
Tgt Ion:117 Resp: 155734
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.4



#33
Benzene
Concen: 26.248 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

Tgt Ion: 78 Resp: 436688





#34

Trichloroethene

Concen: 26.706 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

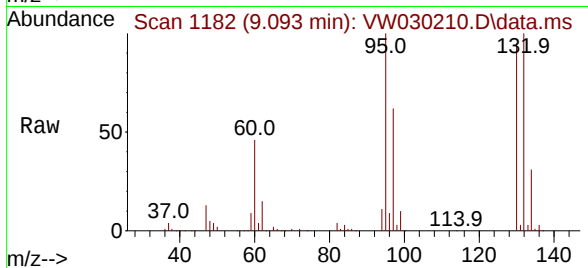
Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 119937

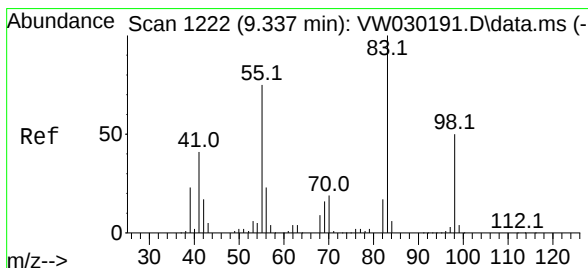
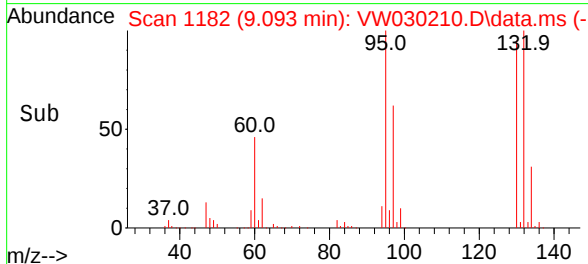
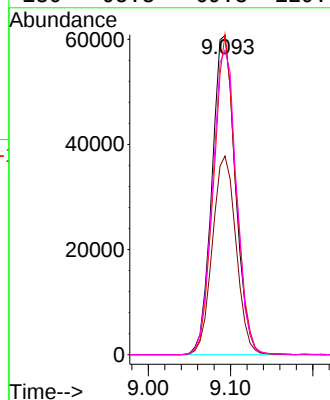
Ion Ratio Lower Upper

95 100

97 62.3 45.2 84.0

132 100.3 64.8 120.3

130 95.3 69.8 129.6



#35

Methylcyclohexane

Concen: 25.886 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

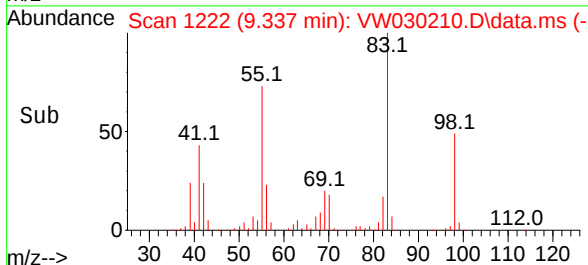
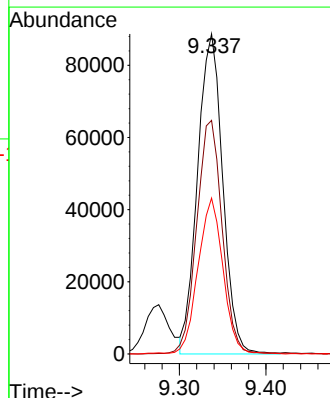
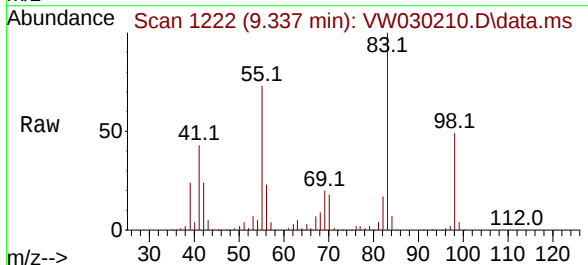
Tgt Ion: 83 Resp: 179224

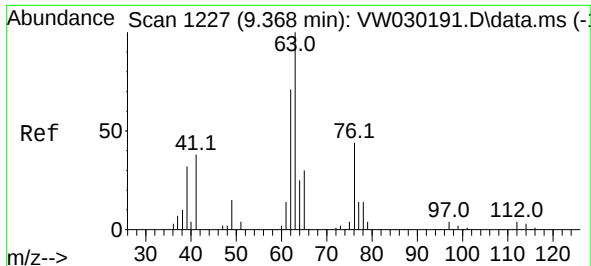
Ion Ratio Lower Upper

83 100

55 73.6 63.0 94.6

98 48.2 38.7 58.1





#37

1,2-Dichloropropane

Concen: 25.239 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

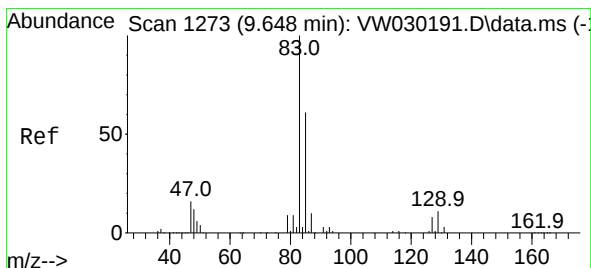
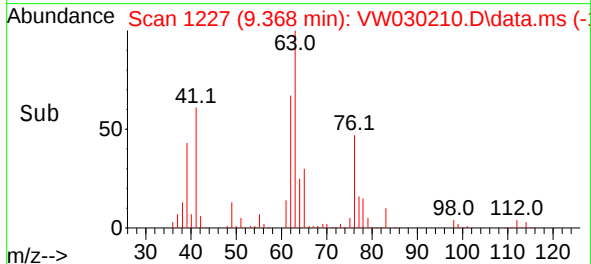
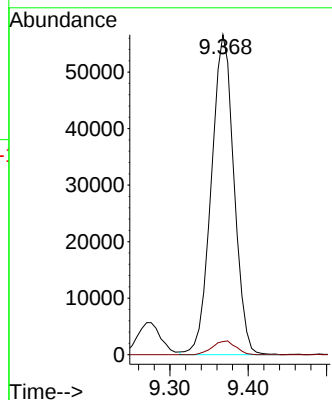
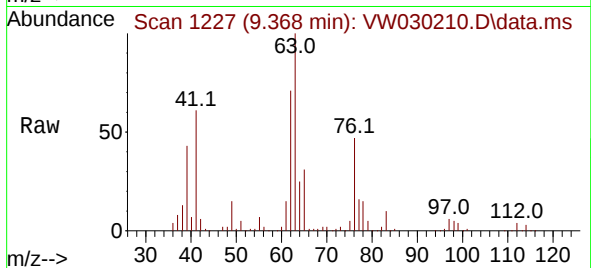
ClientSampleId :

Tgt Ion: 63 Resp: 113810

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 26.771 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

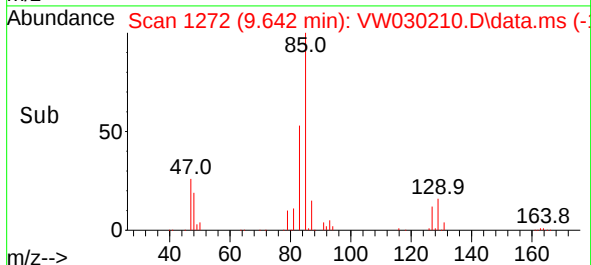
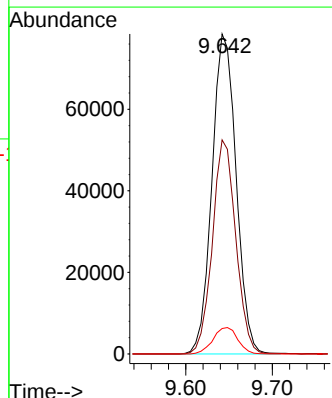
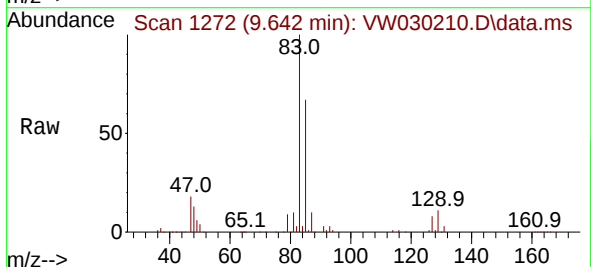
Tgt Ion: 83 Resp: 152010

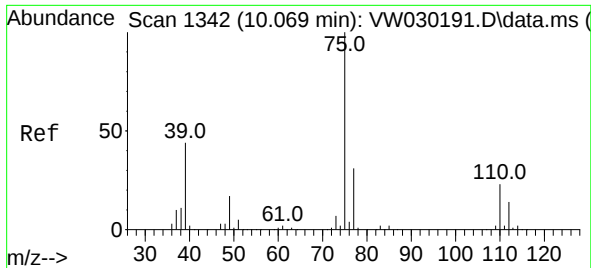
Ion Ratio Lower Upper

83 100

85 66.9 42.6 79.0

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.003 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

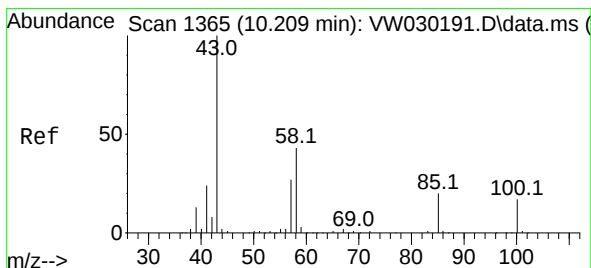
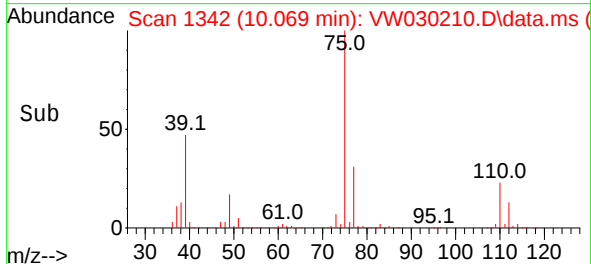
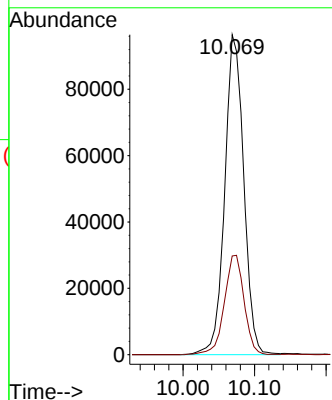
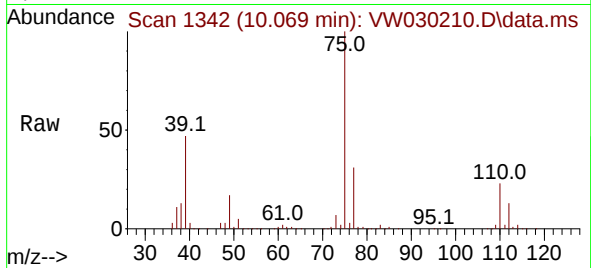
ClientSampleId :

Tgt Ion: 75 Resp: 178131

Ion Ratio Lower Upper

75 100

77 30.9 20.7 38.5



#40

4-Methyl-2-pentanone

Concen: 56.001 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

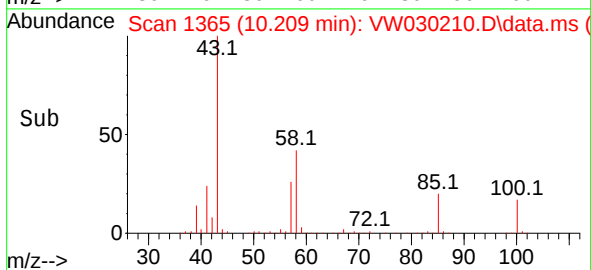
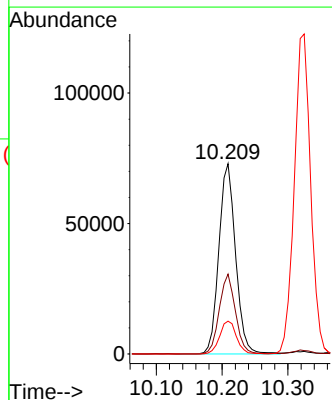
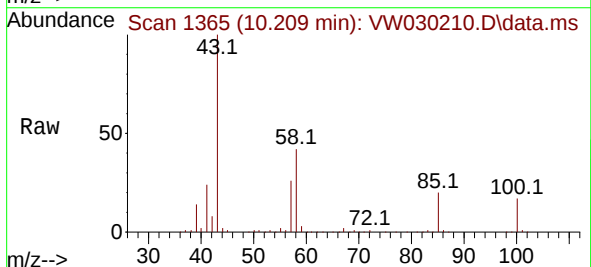
Tgt Ion: 43 Resp: 129031

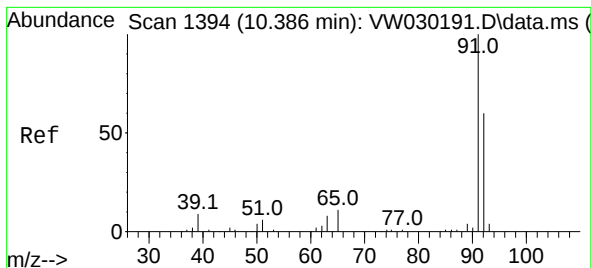
Ion Ratio Lower Upper

43 100

58 40.5 32.7 49.1

100 17.4 12.7 19.1





#42

Toluene

Concen: 27.535 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

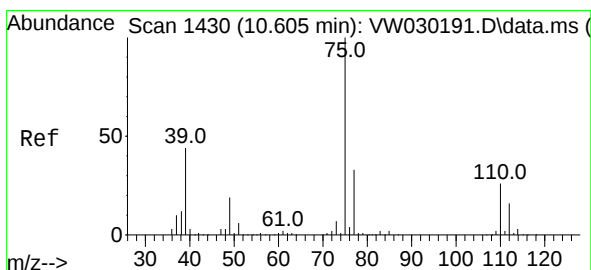
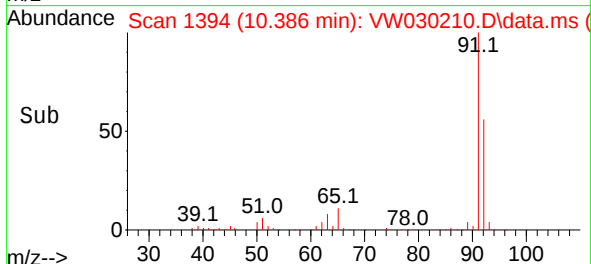
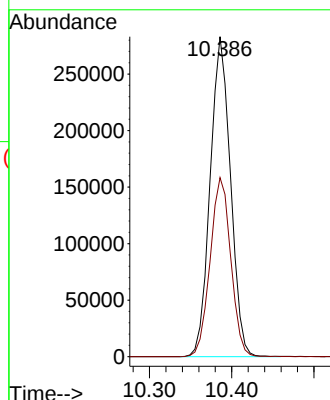
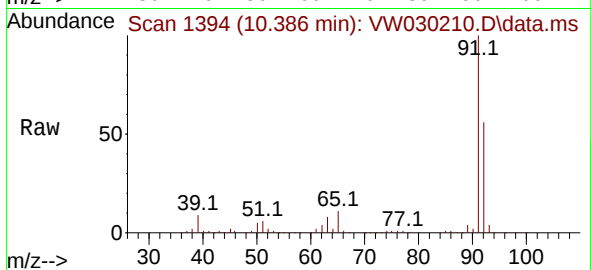
ClientSampleId :

Tgt Ion: 91 Resp: 486086

Ion Ratio Lower Upper

91 100

92 55.9 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 26.770 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030210.D

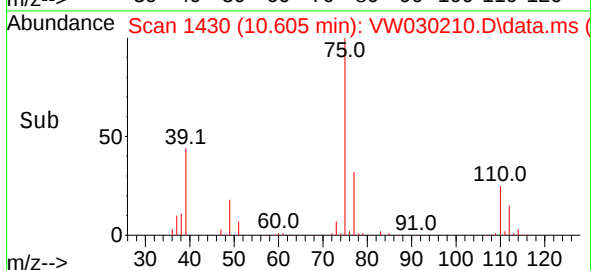
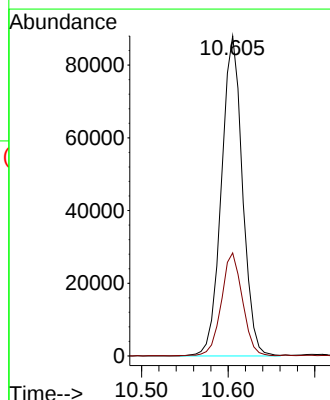
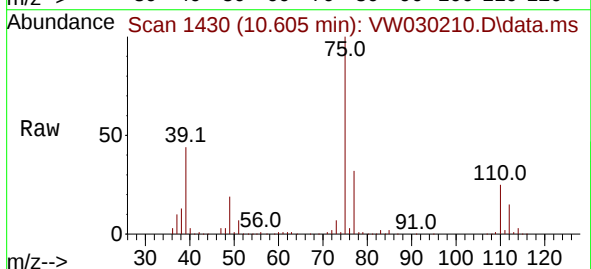
Acq: 23 Sep 2024 19:17

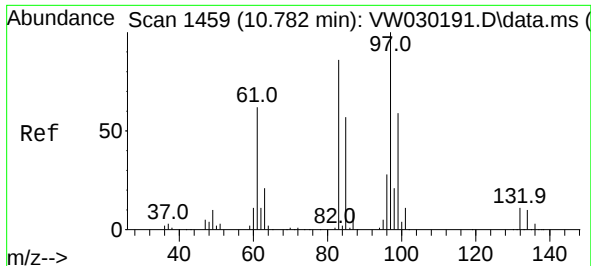
Tgt Ion: 75 Resp: 148556

Ion Ratio Lower Upper

75 100

77 32.2 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 27.236 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

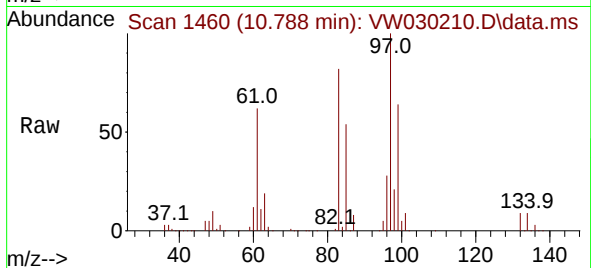
Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 89367

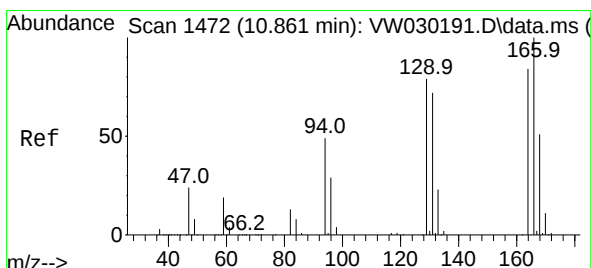
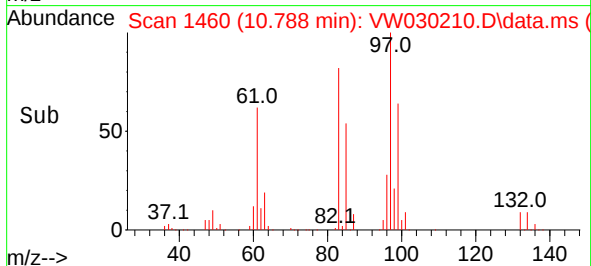
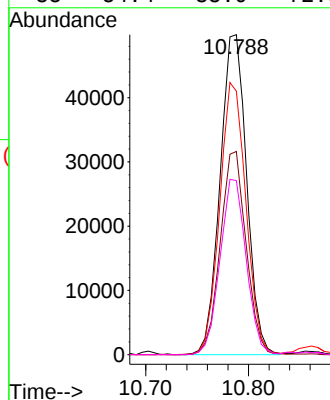
Ion Ratio Lower Upper

97 100

99 63.5 45.6 84.8

83 82.3 64.0 119.0

85 54.4 38.9 72.3



#46

Tetrachloroethene

Concen: 27.461 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Tgt Ion:164 Resp: 91001

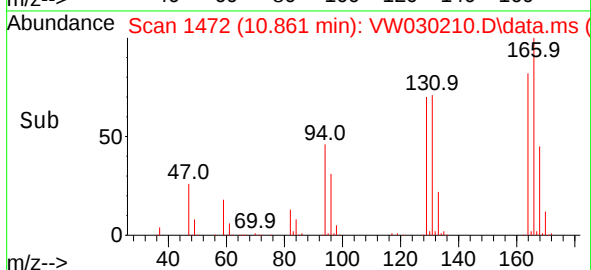
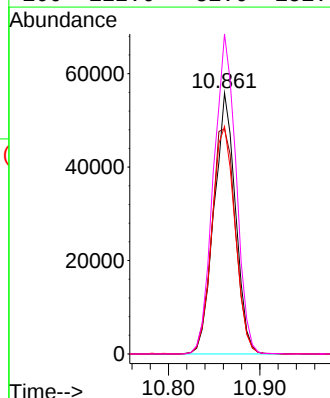
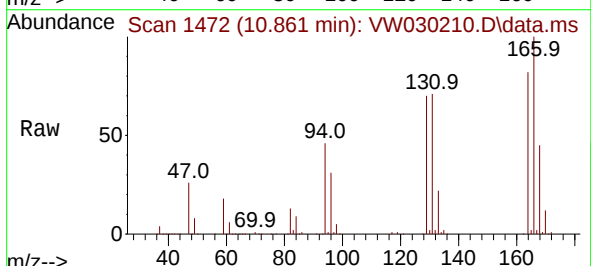
Ion Ratio Lower Upper

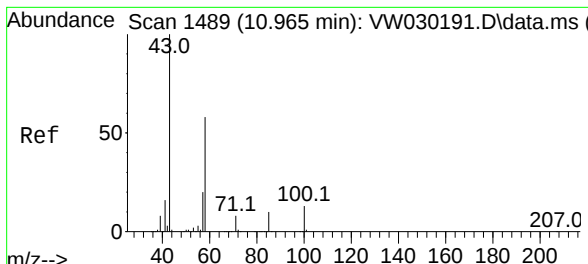
164 100

129 86.2 66.0 122.6

131 87.2 64.8 120.4

166 122.6 81.6 151.6



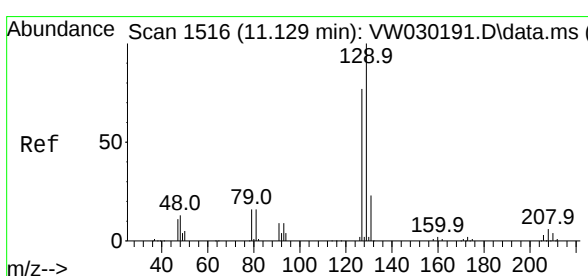
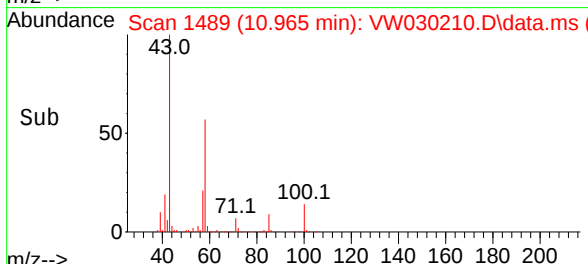
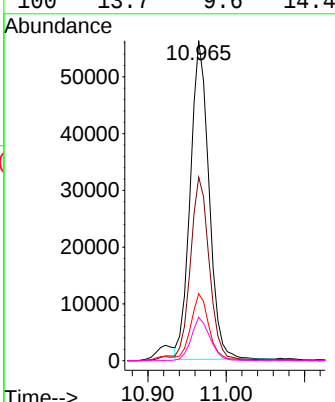
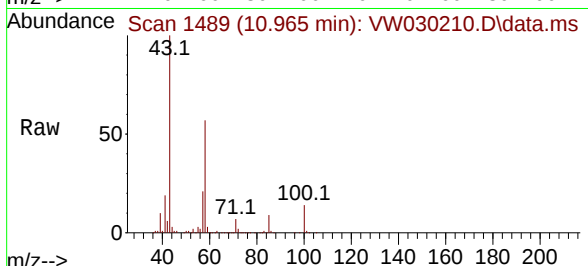


#48
2-Hexanone
Concen: 52.525 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 93065

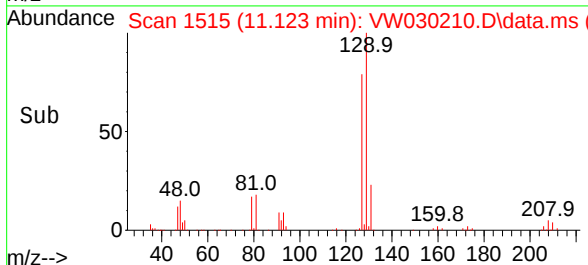
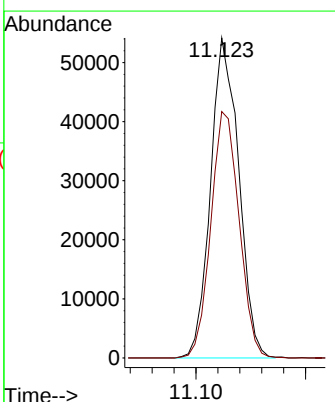
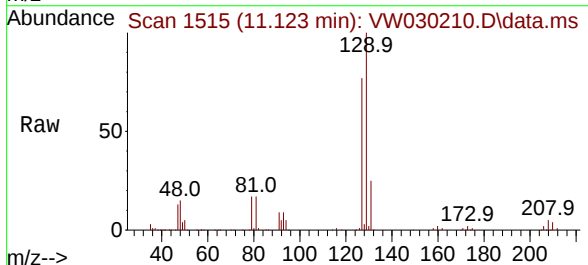
Ion	Ratio	Lower	Upper
43	100		
58	58.1	44.8	67.2
57	20.6	15.4	23.2
100	13.7	9.6	14.4

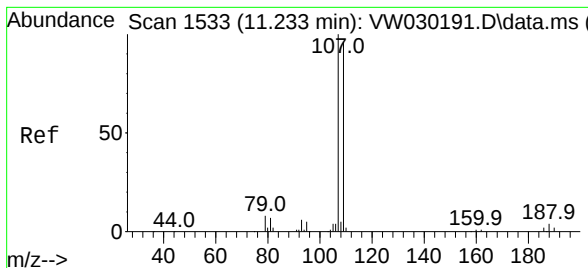


#49
Dibromochloromethane
Concen: 27.083 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

Tgt Ion: 129 Resp: 96715

Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.2	100.6





#50

1,2-Dibromoethane

Concen: 26.937 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030210.D

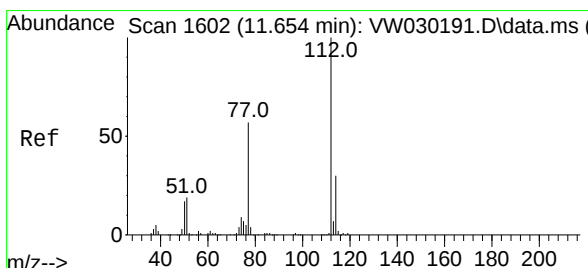
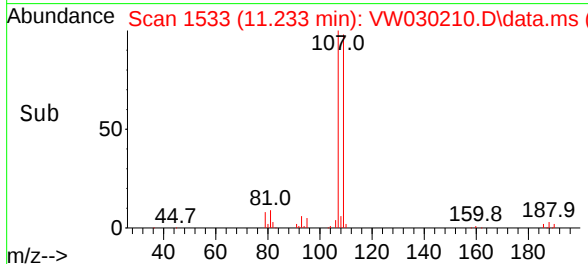
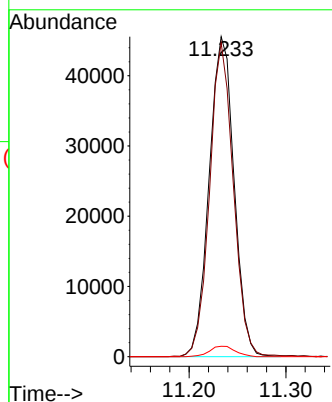
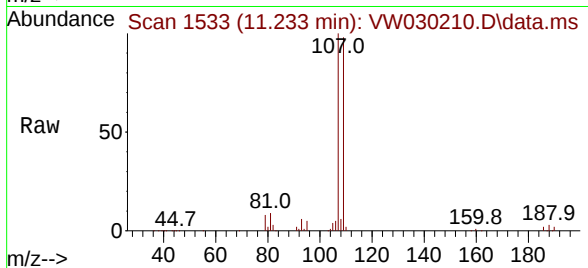
Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	81498
Ion Ratio	Lower	Upper	
107	100		
109	98.1	68.7	127.7
188	3.2	2.6	4.0



#51

Chlorobenzene

Concen: 27.249 ug/L

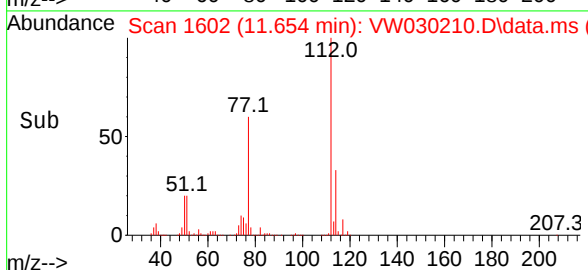
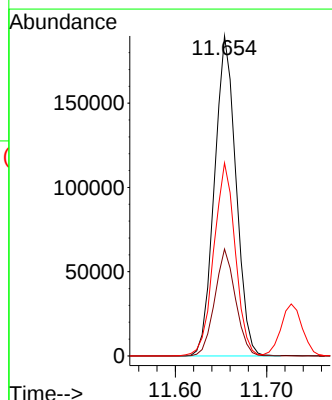
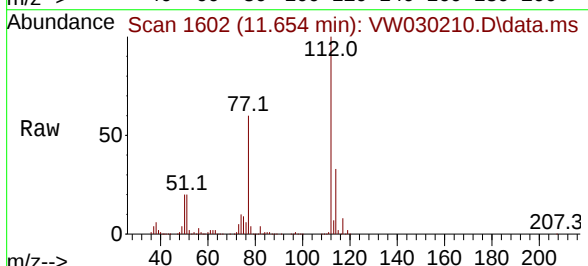
RT: 11.654 min Scan# 1602

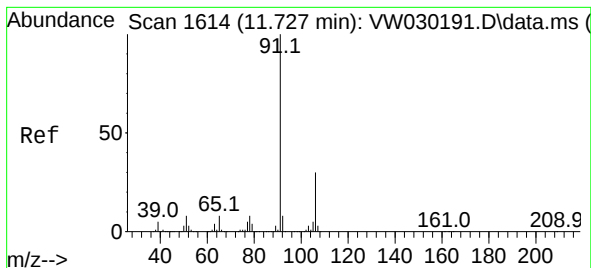
Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Tgt Ion:	112	Resp:	310705
Ion Ratio	Lower	Upper	
112	100		
114	33.4	23.8	44.2
77	60.3	52.9	79.3





#52

Ethylbenzene

Concen: 27.725 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

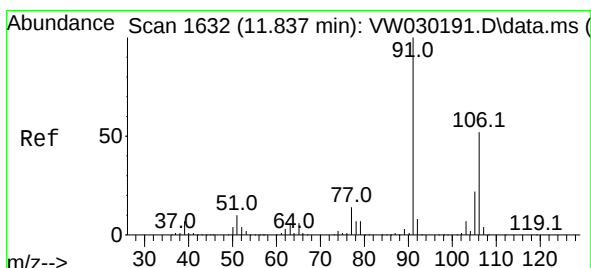
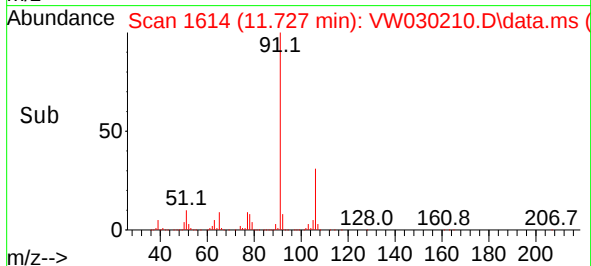
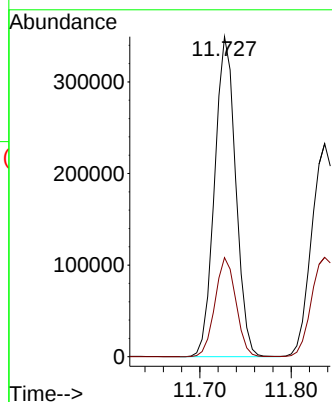
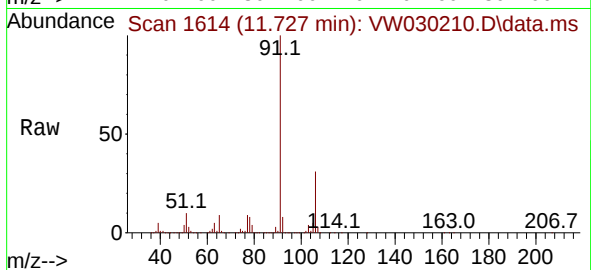
ClientSampleId :

Tgt Ion: 91 Resp: 560244

Ion Ratio Lower Upper

91 100

106 30.9 21.9 40.7



#53

m,p-Xylene

Concen: 28.594 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030210.D

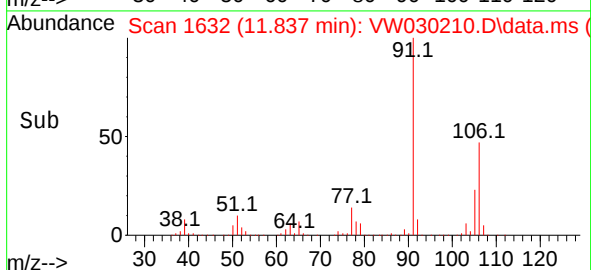
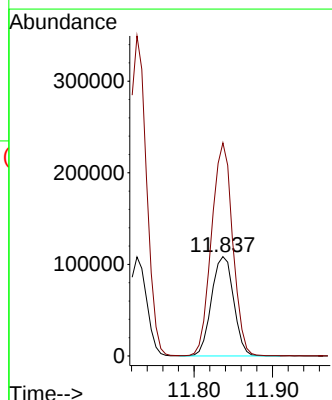
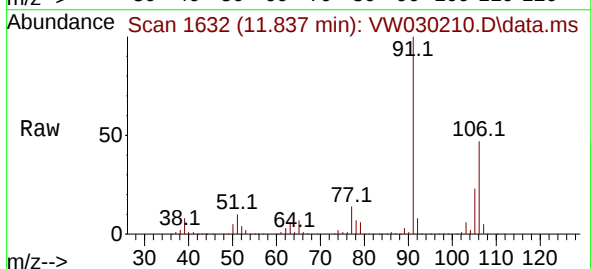
Acq: 23 Sep 2024 19:17

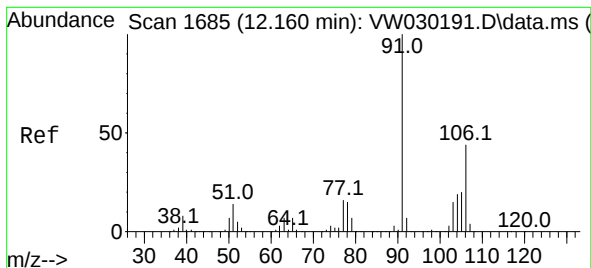
Tgt Ion:106 Resp: 213193

Ion Ratio Lower Upper

106 100

91 214.6 152.9 283.9





#54

o-Xylene

Concen: 29.137 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

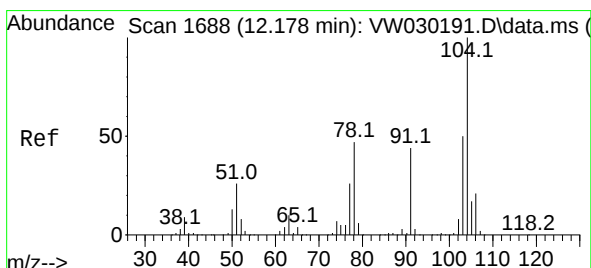
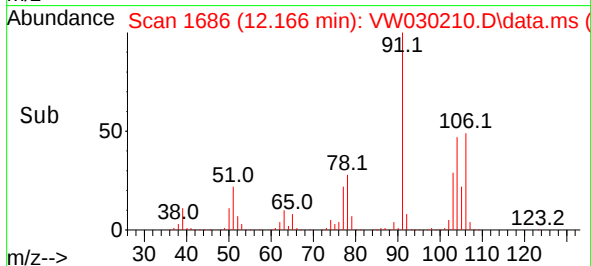
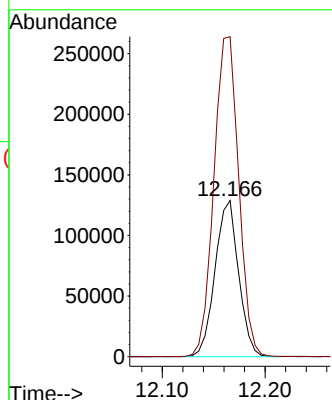
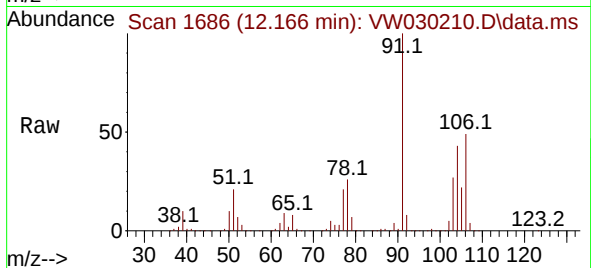
ClientSampleId :

Tgt Ion:106 Resp: 204427

Ion Ratio Lower Upper

106 100

91 205.0 158.1 293.7



#55

Styrene

Concen: 29.057 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030210.D

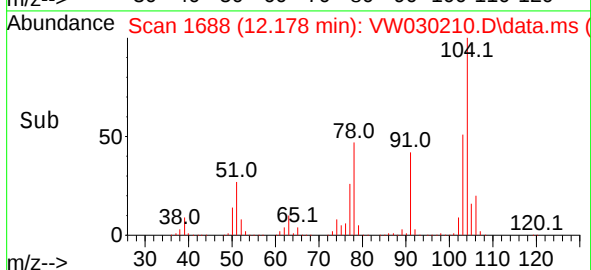
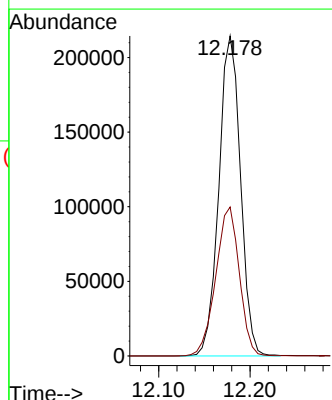
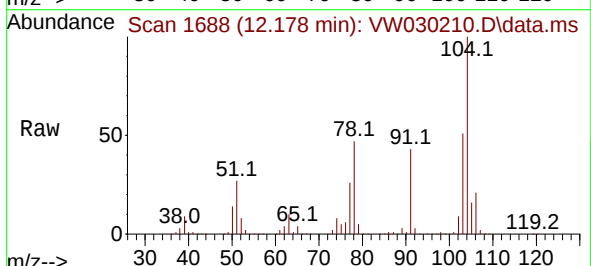
Acq: 23 Sep 2024 19:17

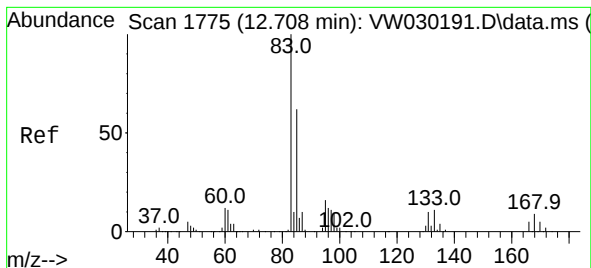
Tgt Ion:104 Resp: 353614

Ion Ratio Lower Upper

104 100

78 46.5 31.4 58.2

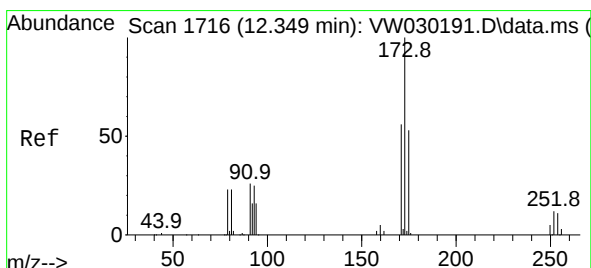
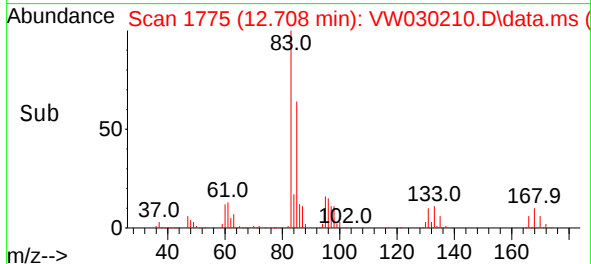
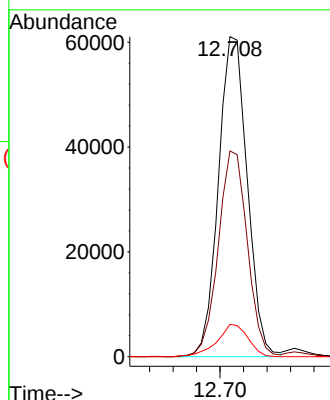
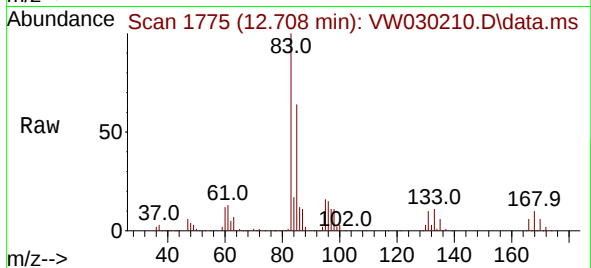




#57
1,1,2,2-Tetrachloroethane
Concen: 26.614 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

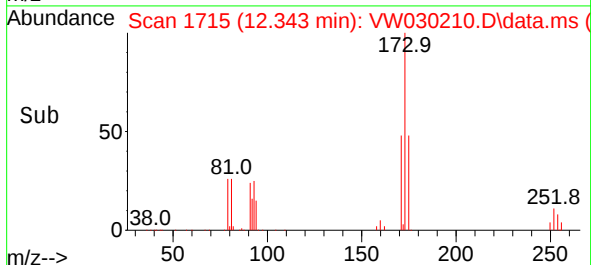
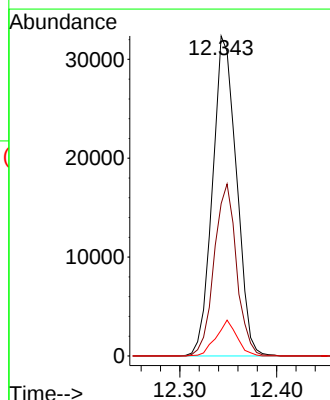
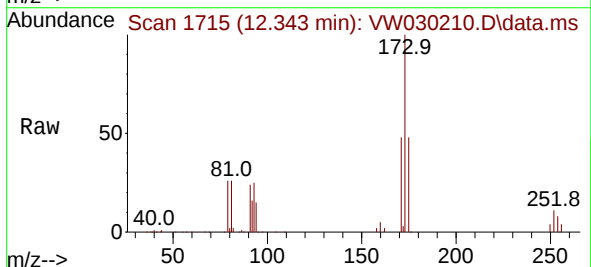
Instrument :
MSVOA_W
ClientSampleId :

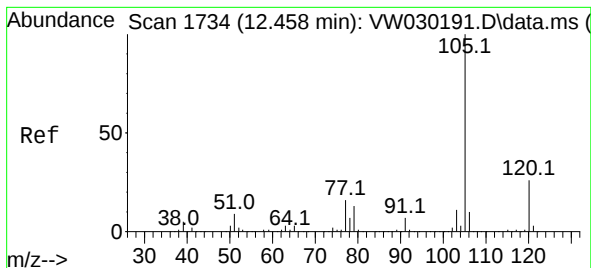
Tgt Ion: 83 Resp: 104230
Ion Ratio Lower Upper
83 100
85 64.3 44.5 82.7
131 10.1 7.4 11.2



#59
Bromoform
Concen: 25.169 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

Tgt Ion:173 Resp: 55518
Ion Ratio Lower Upper
173 100
175 50.3 38.6 57.8
254 9.8 7.7 11.5





#60

Isopropylbenzene

Concen: 28.008 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

ClientSampleId :

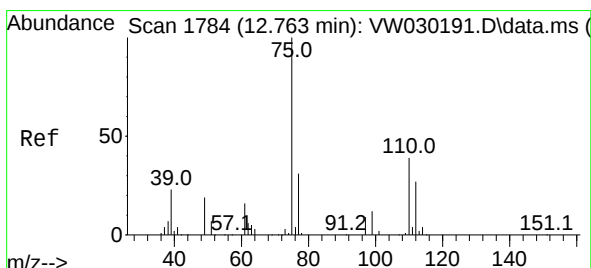
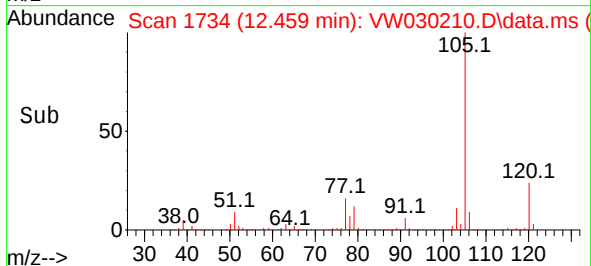
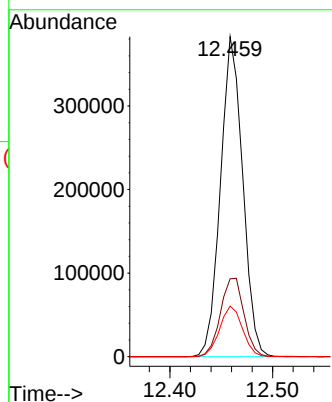
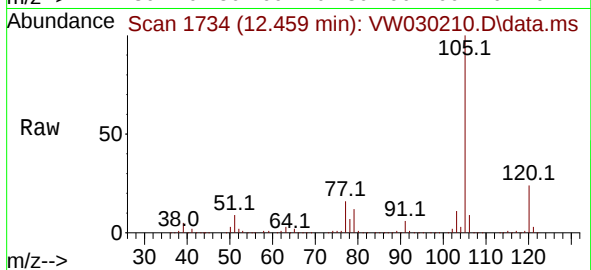
Tgt Ion:105 Resp: 574726

Ion Ratio Lower Upper

105 100

120 26.0 20.2 30.2

77 16.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 25.137 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

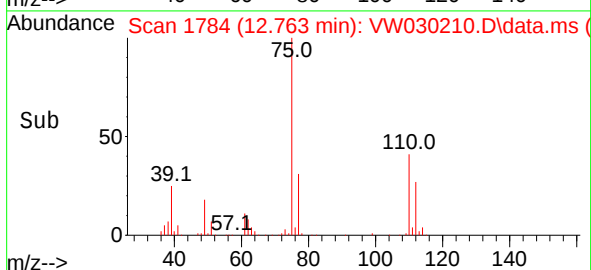
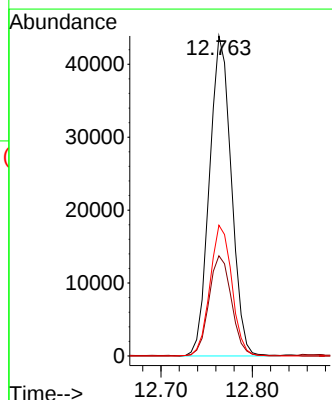
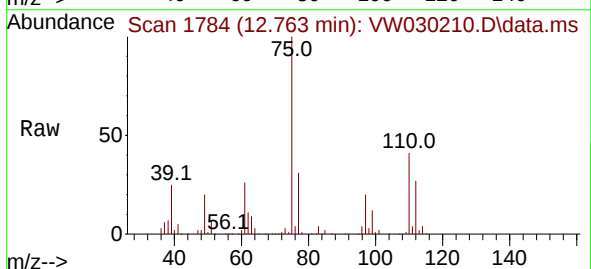
Tgt Ion: 75 Resp: 72883

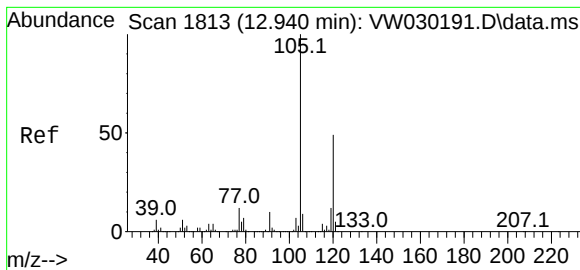
Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

110 40.8 29.7 44.5

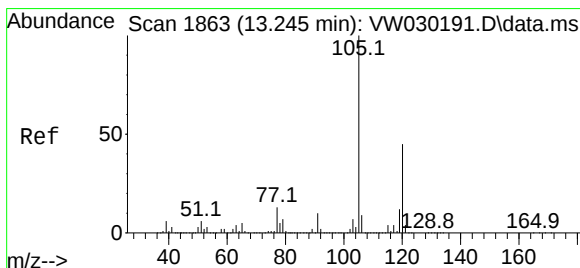
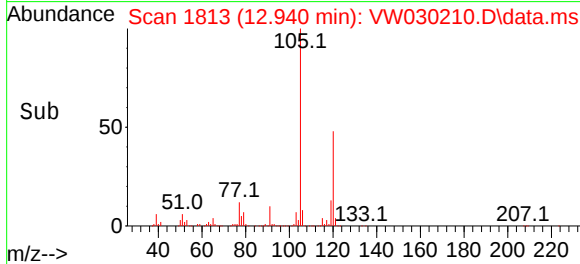
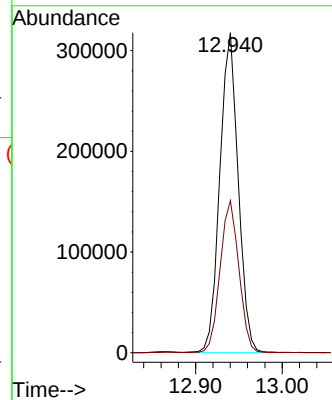
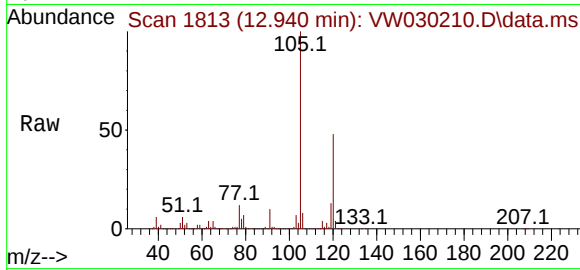




#62
1,3,5-Trimethylbenzene
Concen: 31.137 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

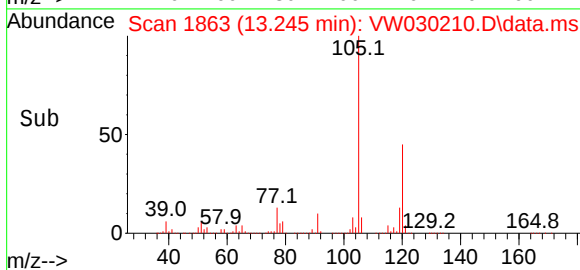
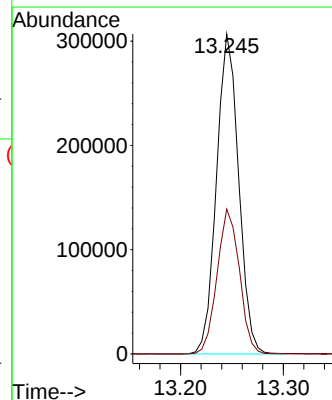
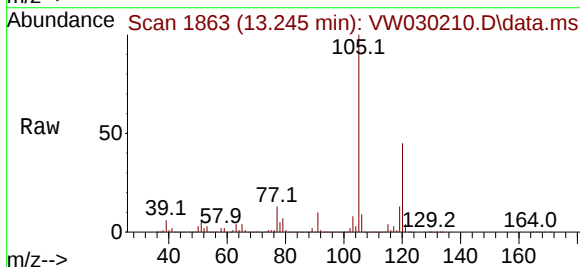
Instrument :
MSVOA_W
ClientSampleId :

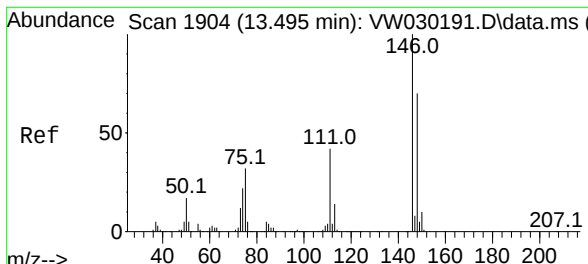
Tgt Ion:105 Resp: 468291
Ion Ratio Lower Upper
105 100
120 48.4 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 29.395 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

Tgt Ion:105 Resp: 459604
Ion Ratio Lower Upper
105 100
120 45.6 34.8 52.2

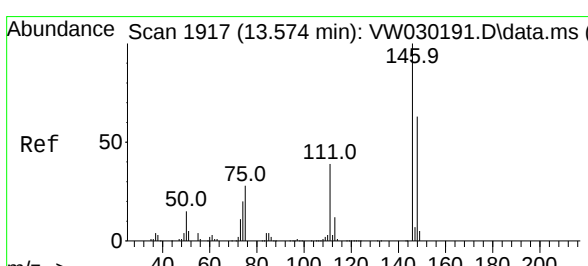
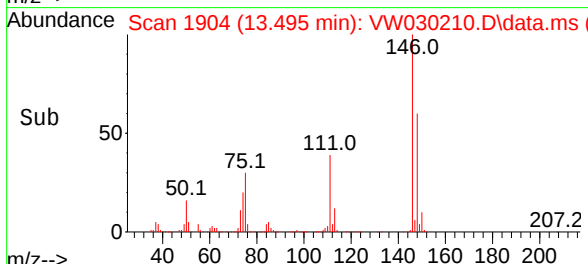
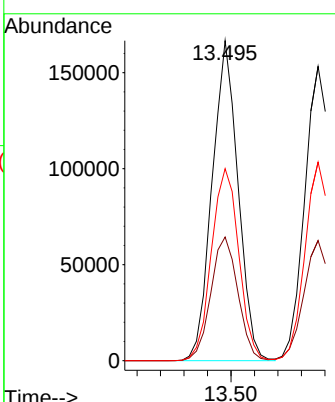
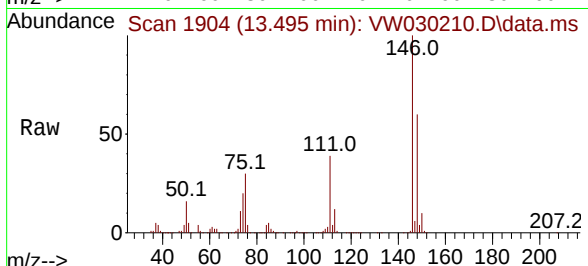




#64
 1,3-Dichlorobenzene
 Concen: 28.127 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW030210.D
 Acq: 23 Sep 2024 19:17

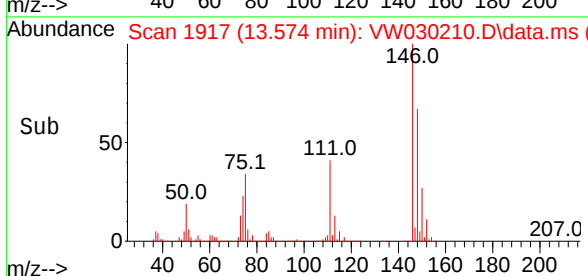
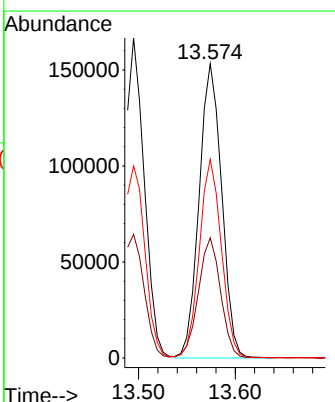
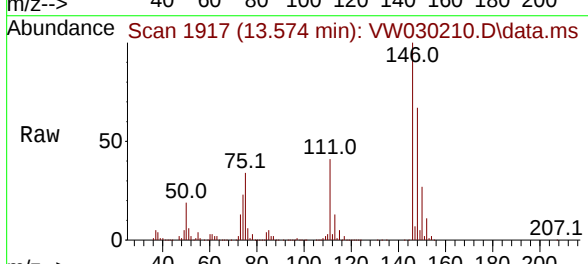
Instrument :
 MSVOA_W
 ClientSampleId :

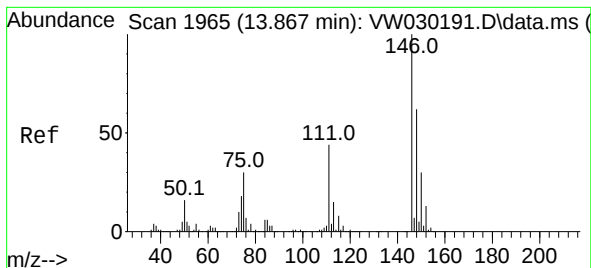
Tgt Ion:	146	Resp:	255792
Ion Ratio	Lower	Upper	
146	100		
111	38.7	31.9	59.3
148	60.0	47.7	88.5



#65
 1,4-Dichlorobenzene
 Concen: 26.445 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW030210.D
 Acq: 23 Sep 2024 19:17

Tgt Ion:	146	Resp:	248463
Ion Ratio	Lower	Upper	
146	100		
111	40.8	29.5	54.7
148	67.5	44.4	82.5





#67

1,2-Dichlorobenzene

Concen: 28.347 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

ClientSampleId :

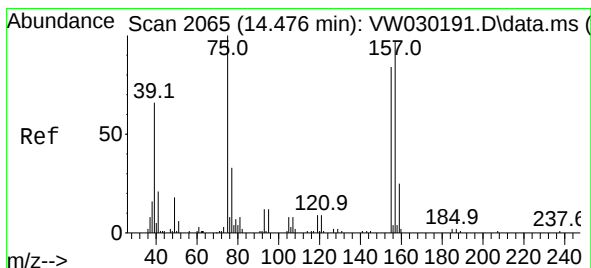
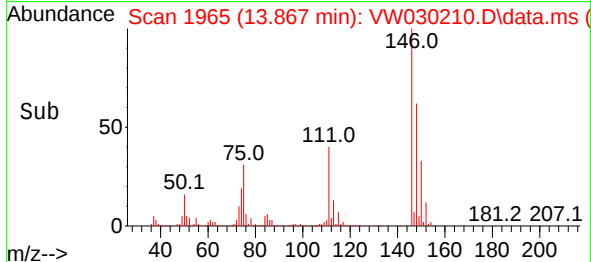
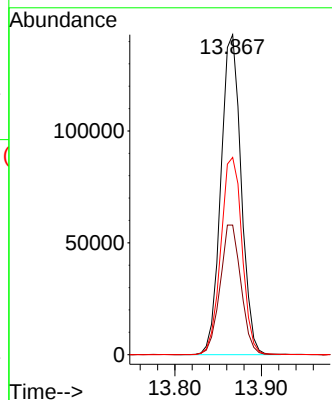
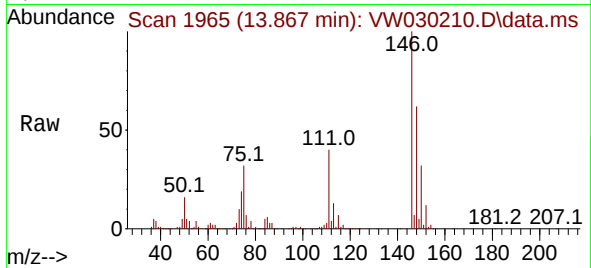
Tgt Ion:146 Resp: 232335

Ion Ratio Lower Upper

146 100

111 40.5 32.7 49.1

148 61.7 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.567 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

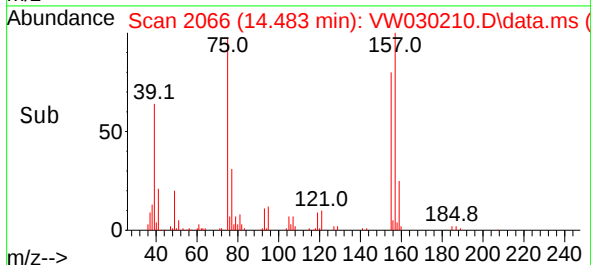
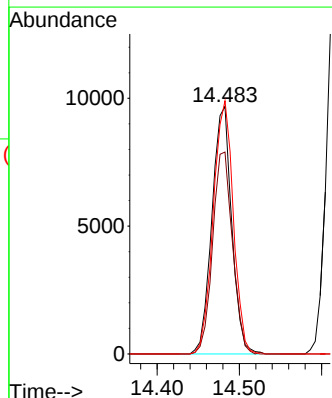
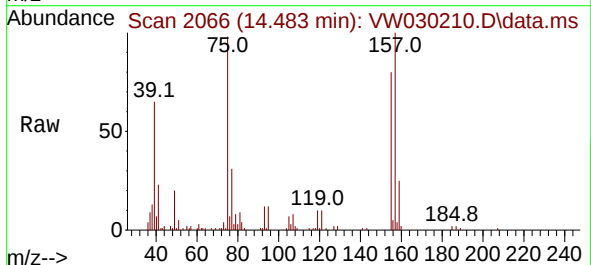
Tgt Ion: 75 Resp: 16167

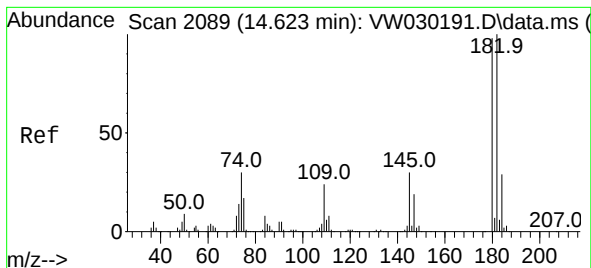
Ion Ratio Lower Upper

75 100

155 81.6 60.5 90.7

157 102.3 66.9 100.3#





#69

1,3,5-Trichlorobenzene

Concen: 29.543 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

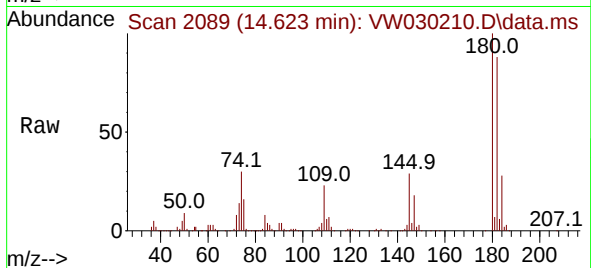
Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 187535

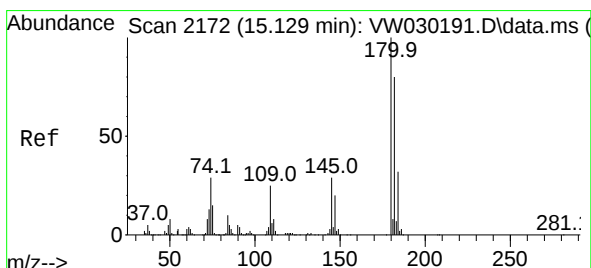
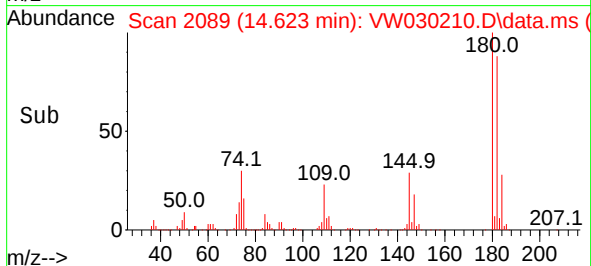
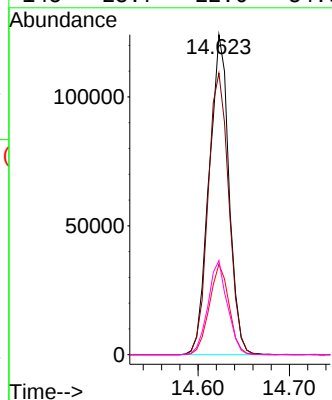
Ion Ratio Lower Upper

180 100

182 91.8 75.5 113.3

184 28.0 23.4 35.0

145 28.7 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 29.243 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030210.D

Acq: 23 Sep 2024 19:17

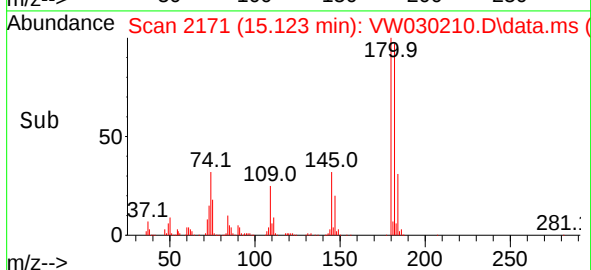
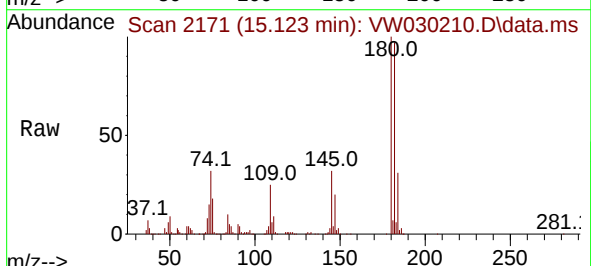
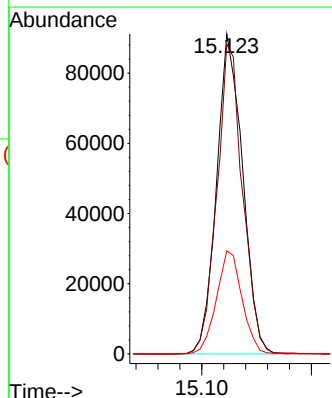
Tgt Ion:180 Resp: 150369

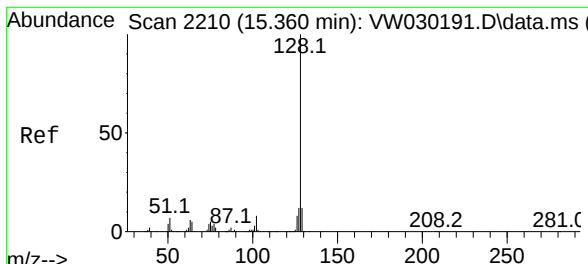
Ion Ratio Lower Upper

180 100

182 95.5 73.4 110.2

145 31.8 24.0 36.0

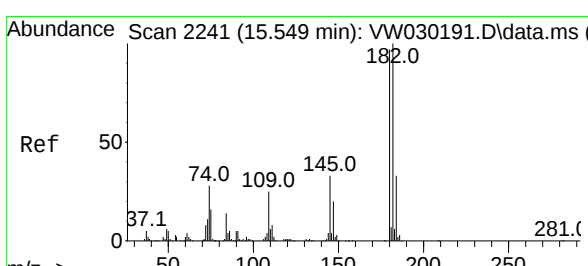
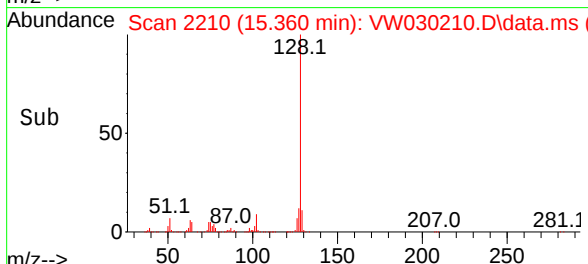
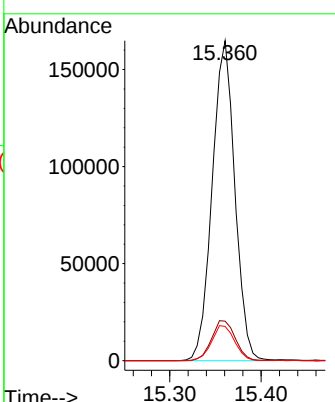
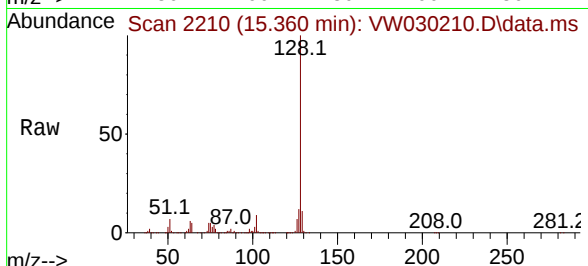




#71
Naphthalene
Concen: 30.427 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	284115
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.1	15.1
129	11.3	8.4	12.6



#72
1,2,3-Trichlorobenzene
Concen: 26.977 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030210.D
Acq: 23 Sep 2024 19:17

Tgt Ion:	180	Resp:	121643
Ion Ratio	Lower	Upper	
180	100		
182	98.8	76.4	114.6
145	35.6	26.2	39.4

