

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092524\
 Data File : VW030237.D
 Acq On : 25 Sep 2024 10:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 26 01:12:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 25 01:17:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	178254	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	164732	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	80555	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	47686	20.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.880%
7) Chloroethane-d5	2.899	69	36465	22.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
11) 1,1-Dichloroethene-d2	4.027	65	22764	19.791	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.160%
21) 2-Butanone-d5	7.075	46	28632	51.367	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.740%
24) Chloroform-d	7.648	84	114084	23.277	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	8.307	65	59248	24.073	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.280%
32) Benzene-d6	8.270	84	214038	22.554	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	9.270	67	67691	23.102	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.400%
41) Toluene-d8	10.319	98	187421	22.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.160%
43) trans-1,3-Dichloroprop...	10.575	79	26193	22.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.240%
47) 2-Hexanone-d5	10.922	63	23390	52.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	54767	25.106	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	13.849	152	61156	22.364	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	31729	16.143	ug/L #	75
3) Chloromethane	2.223	50	49013	26.708	ug/L	100
5) Vinyl chloride	2.375	62	63831	28.224	ug/L	97
6) Bromomethane	2.790	94	36724	27.105	ug/L	91
8) Chloroethane	2.936	64	37126	27.505	ug/L	99
9) Trichlorofluoromethane	3.271	101	54633	20.482	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	61622	25.485	ug/L	99
12) 1,1-Dichloroethene	4.045	96	55796	26.222	ug/L	91
13) Acetone	4.119	43	41820	65.395	ug/L	95
14) Carbon disulfide	4.387	76	139376	23.058	ug/L	97
15) Methyl Acetate	4.673	43	28246	27.312	ug/L	98
16) Methylene chloride	4.923	84	65151	24.787	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	60804	25.922	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	103163	27.906	ug/L	98
19) 1,1-Dichloroethane	6.216	63	129176	27.120	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	70475	27.377	ug/L	97
22) 2-Butanone	7.167	43	43404	57.337	ug/L	99
23) Bromochloromethane	7.514	128	30547	26.553	ug/L	97
25) Chloroform	7.673	83	131628	27.209	ug/L	96

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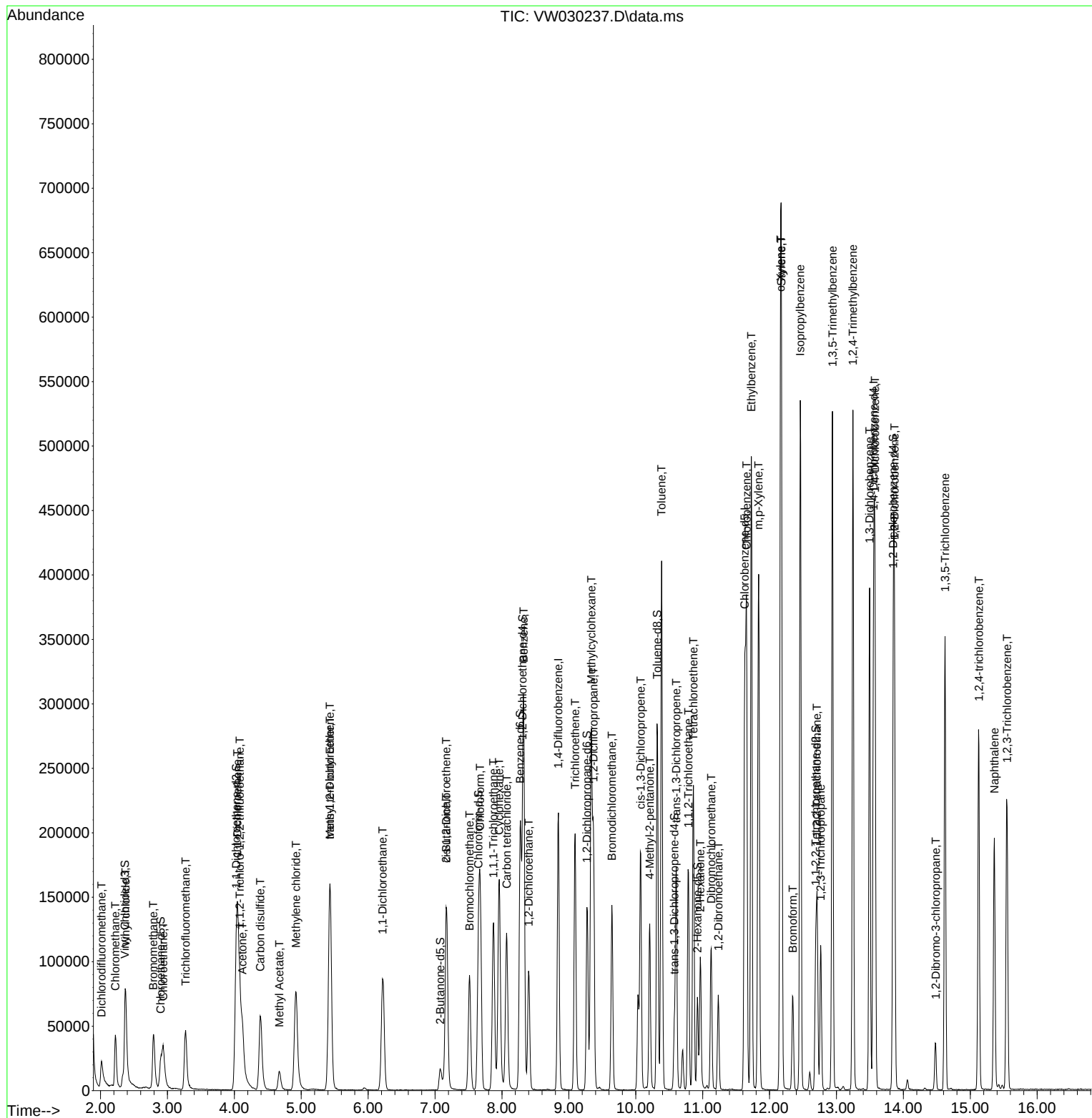
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	83821	27.631	ug/L	99
29) Cyclohexane	7.959	56	91951	26.199	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	105452	26.465	ug/L	98
31) Carbon tetrachloride	8.069	117	92762	25.620	ug/L	98
33) Benzene	8.325	78	275619	27.366	ug/L	100
34) Trichloroethene	9.093	95	70732	26.016	ug/L	98
35) Methylcyclohexane	9.337	83	109876	26.214	ug/L	99
37) 1,2-Dichloropropane	9.368	63	75288	27.580	ug/L	99
38) Bromodichloromethane	9.642	83	95612	27.815	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	112060	28.060	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	84405	60.512	ug/L	97
42) Toluene	10.386	91	299163	27.993	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	94445	28.113	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	53997	27.184	ug/L	97
46) Tetrachloroethene	10.861	164	50910	25.377	ug/L	96
48) 2-Hexanone	10.965	43	66890	62.360	ug/L	97
49) Dibromochloromethane	11.130	129	58258	26.948	ug/L	99
50) 1,2-Dibromoethane	11.233	107	47792	26.093	ug/L #	100
51) Chlorobenzene	11.654	112	184061	26.665	ug/L	93
52) Ethylbenzene	11.727	91	337786	27.612	ug/L	96
53) m,p-Xylene	11.837	106	125519	27.809	ug/L	97
54) o-Xylene	12.166	106	120508	28.372	ug/L	91
55) Styrene	12.178	104	212043	28.782	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	65973	27.826	ug/L	100
59) Bromoform	12.349	173	33701	26.434	ug/L	100
60) Isopropylbenzene	12.459	105	332046	27.996	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47070	28.087	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	272541	31.352	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	267358	29.584	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	149815	28.501	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	147527	27.166	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	135081	28.515	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	9853	26.959	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	104467	28.473	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	85451	28.751	ug/L	97
71) Naphthalene	15.360	128	162444	30.099	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	72766	27.920	ug/L	96

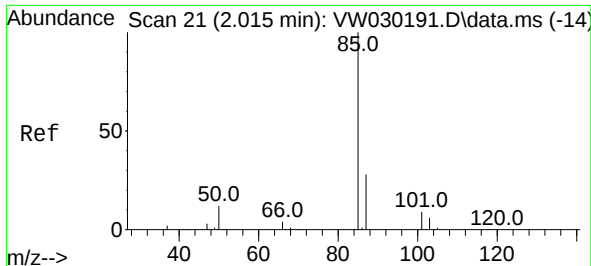
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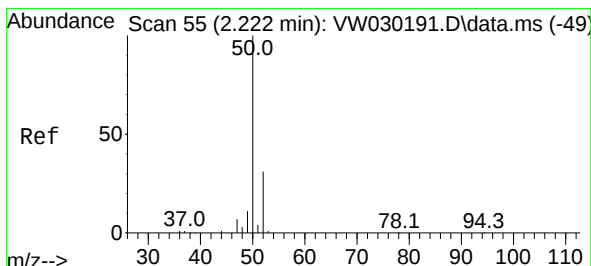
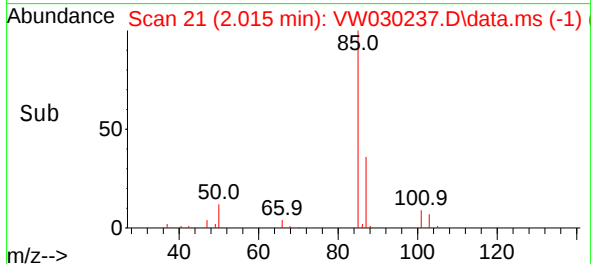
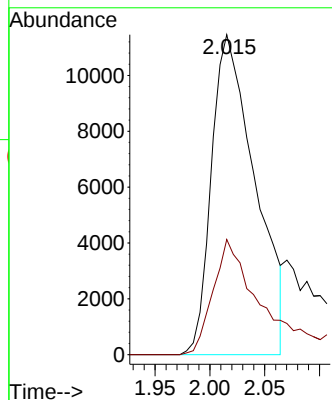
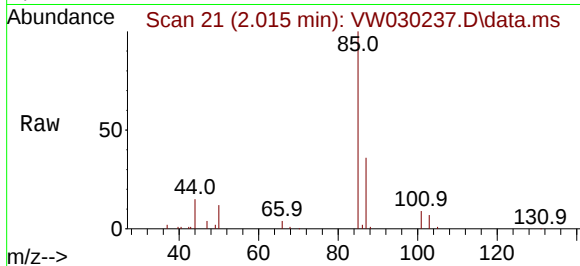




#2
 Dichlorodifluoromethane
 Concen: 16.143 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030237.D
 Acq: 25 Sep 2024 10:21

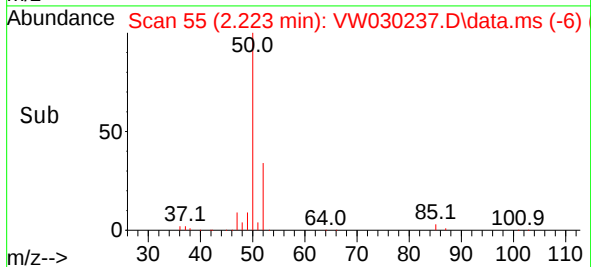
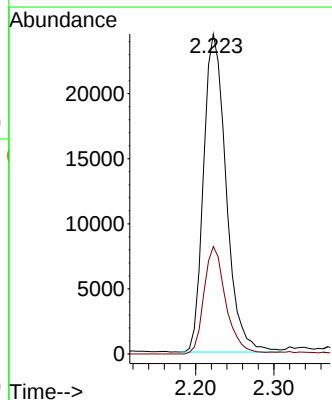
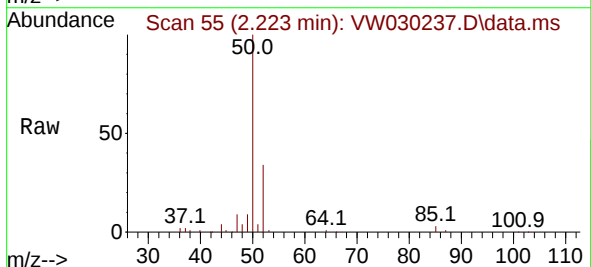
Instrument :
 MSVOA_W
 ClientSampleId :

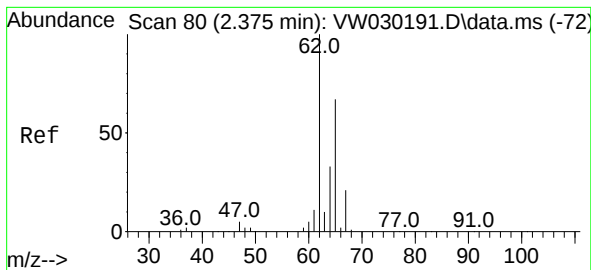
Tgt Ion: 85 Resp: 31729
 Ion Ratio Lower Upper
 85 100
 87 39.3 21.2 31.8#



#3
 Chloromethane
 Concen: 26.708 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030237.D
 Acq: 25 Sep 2024 10:21

Tgt Ion: 50 Resp: 49013
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.6





#5

Vinyl chloride

Concen: 28.224 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

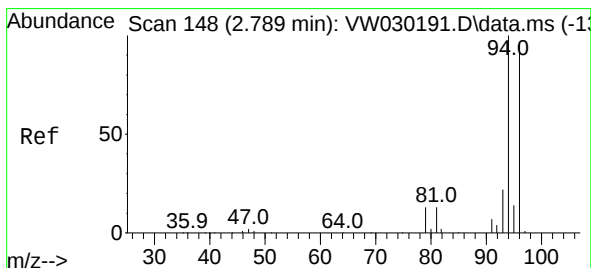
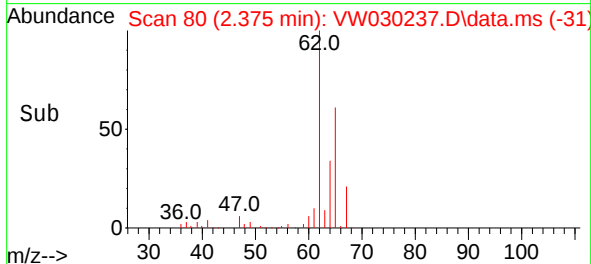
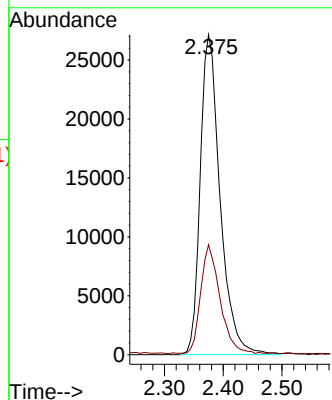
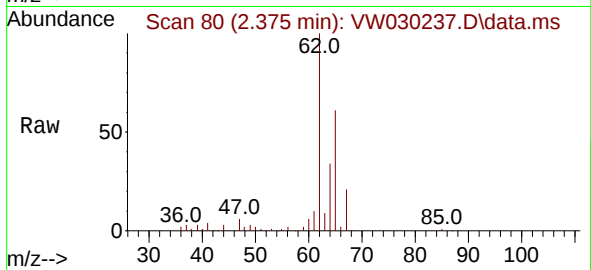
ClientSampleId :

Tgt Ion: 62 Resp: 63831

Ion Ratio Lower Upper

62 100

64 34.3 23.0 42.8



#6

Bromomethane

Concen: 27.105 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030237.D

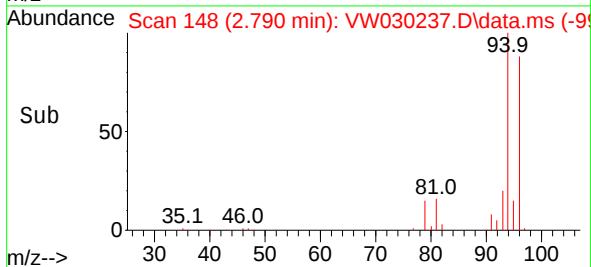
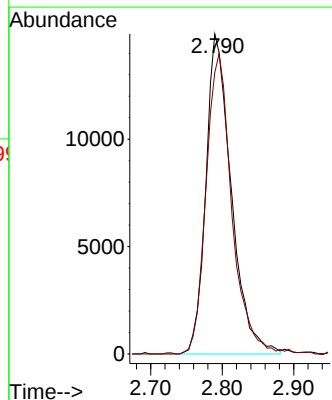
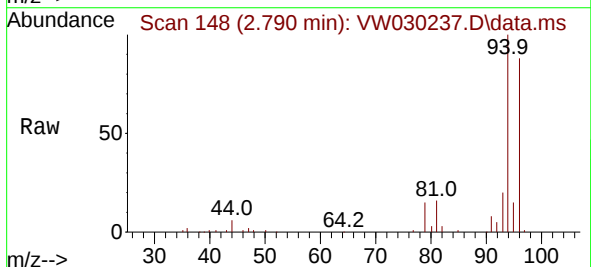
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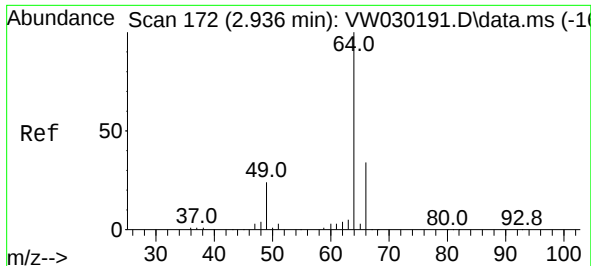
Tgt Ion: 94 Resp: 36724

Ion Ratio Lower Upper

94 100

96 87.9 67.5 125.3

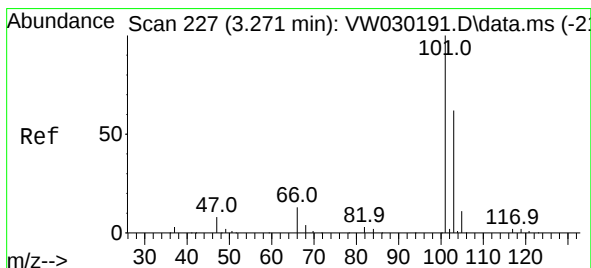
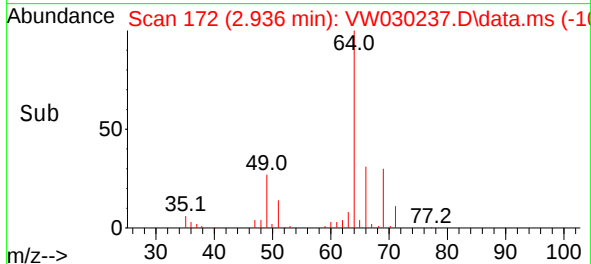
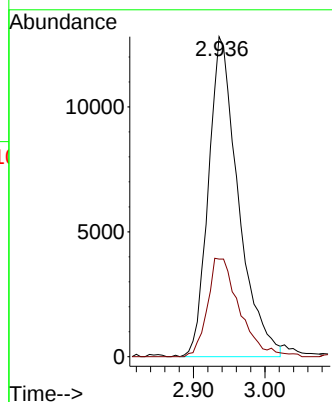
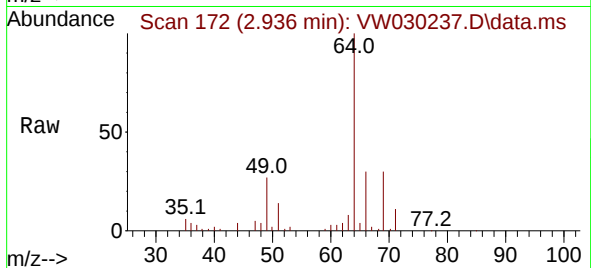




#8
Chloroethane
Concen: 27.505 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

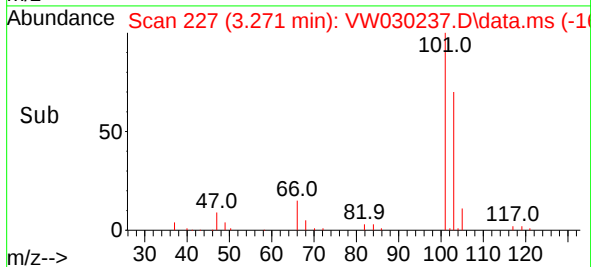
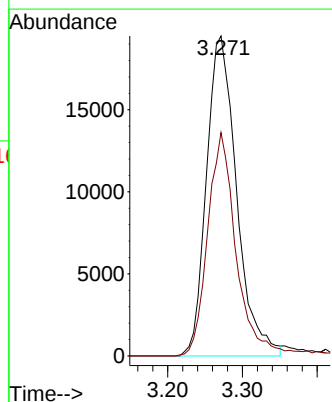
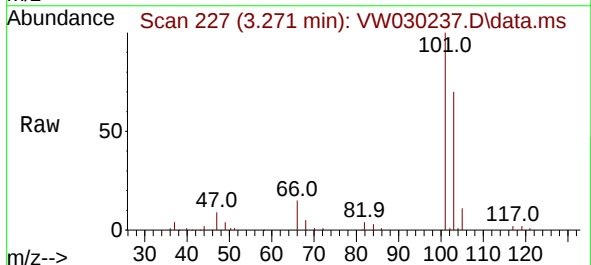
Instrument :
MSVOA_W
ClientSampleId :

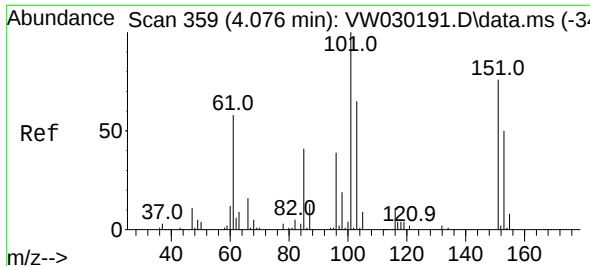
Tgt Ion: 64 Resp: 37126
Ion Ratio Lower Upper
64 100
66 30.5 21.1 39.3



#9
Trichlorofluoromethane
Concen: 20.482 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Tgt Ion:101 Resp: 54633
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6





#10

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

Concen: 25.485 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

ClientSampleId :

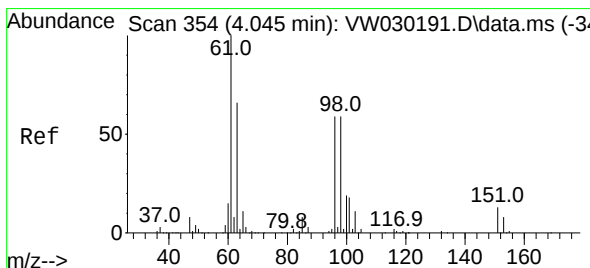
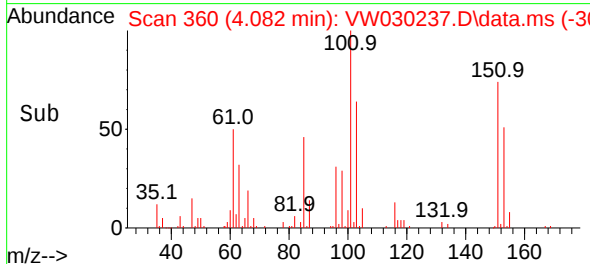
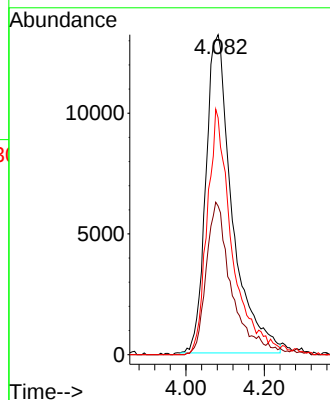
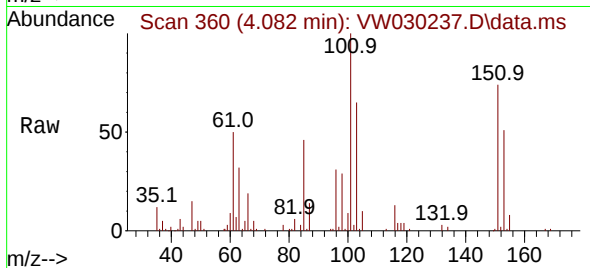
Tgt Ion:101 Resp: 61622

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.2

151 69.0 56.1 84.1



#12

1,1-Dichloroethene

Concen: 26.222 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

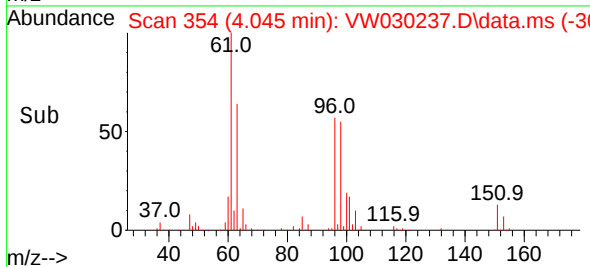
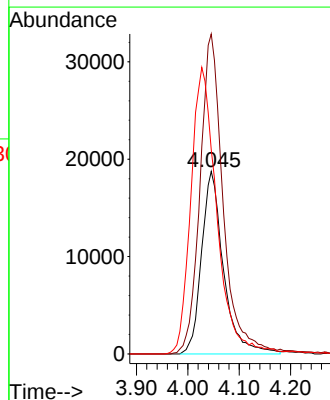
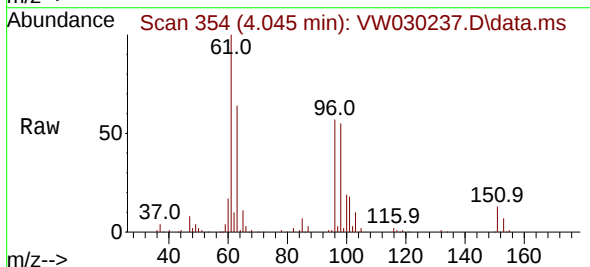
Tgt Ion: 96 Resp: 55796

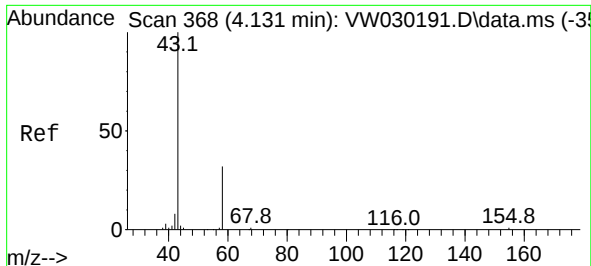
Ion Ratio Lower Upper

96 100

61 175.3 124.0 230.4

63 112.0 93.3 173.3





#13

Acetone

Concen: 65.395 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.018 min

Lab File: VW030237.D

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MSVOA_W

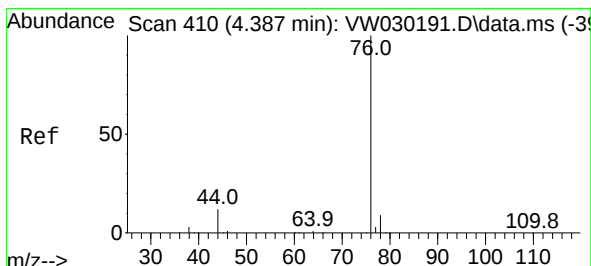
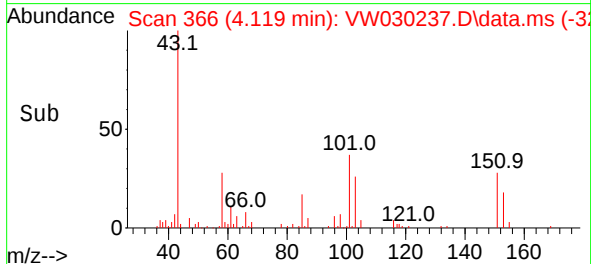
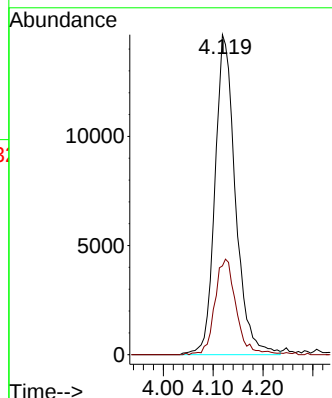
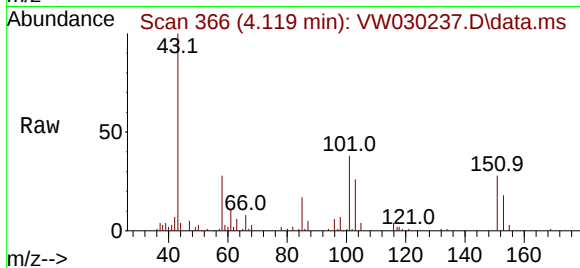
ClientSampleId :

Tgt Ion: 43 Resp: 41820

Ion Ratio Lower Upper

43 100

58 29.8 0.0 65.0



#14

Carbon disulfide

Concen: 23.058 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

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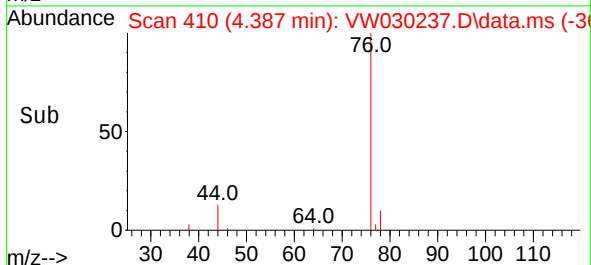
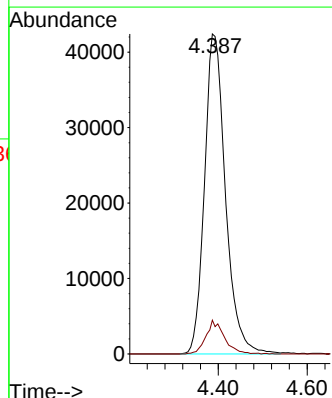
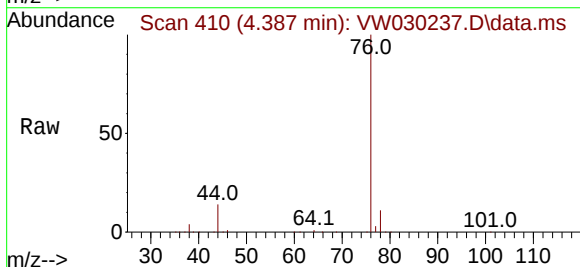
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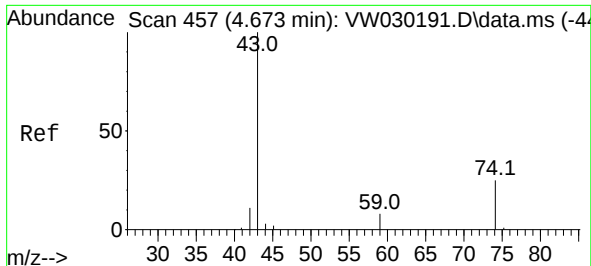
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Ion Ratio Lower Upper

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78 10.6 7.6 11.4

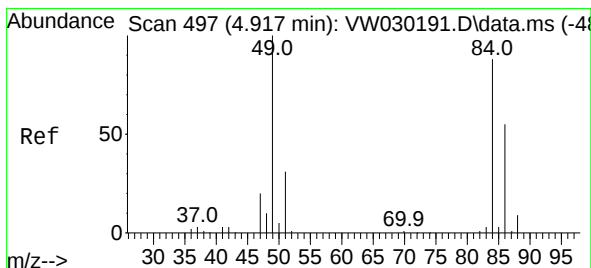
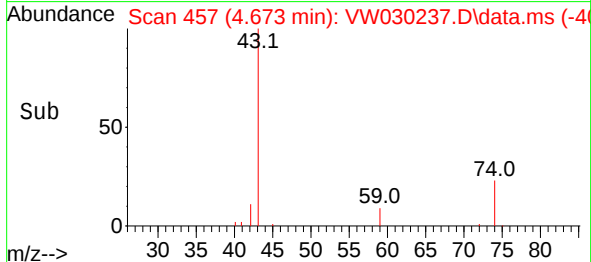
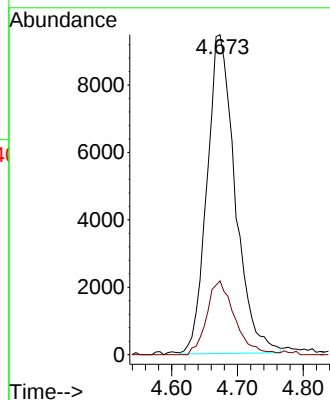
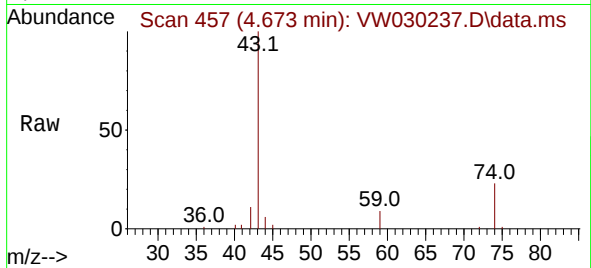




#15
Methyl Acetate
Concen: 27.312 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

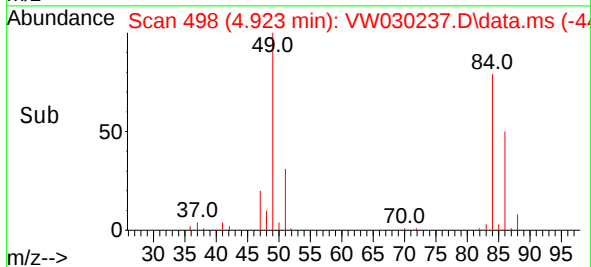
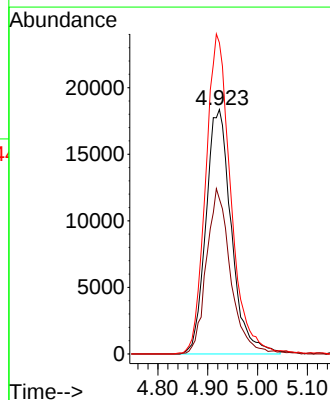
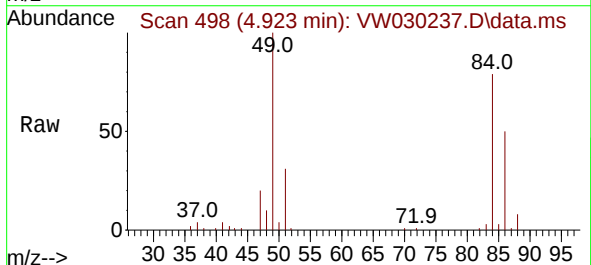
Instrument :
MSVOA_W
ClientSampleId :

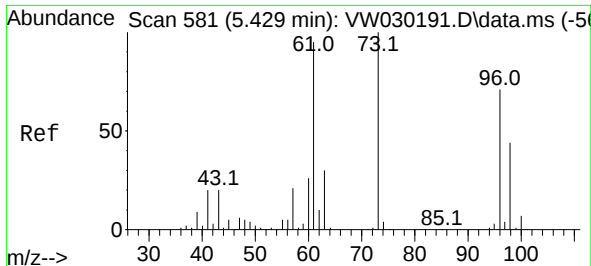
Tgt Ion: 43 Resp: 28246
Ion Ratio Lower Upper
43 100
74 22.7 18.9 28.3



#16
Methylene chloride
Concen: 24.787 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Tgt Ion: 84 Resp: 65151
Ion Ratio Lower Upper
84 100
86 63.4 44.6 82.8
49 127.3 83.8 155.6





#17

trans-1,2-Dichloroethene

Concen: 25.922 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

ClientSampleId :

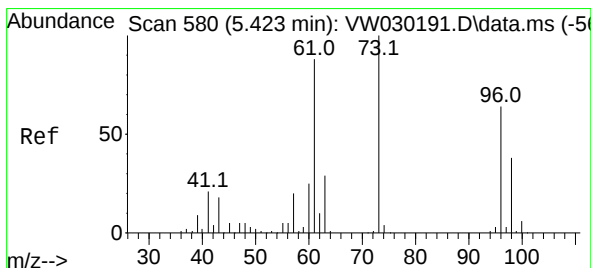
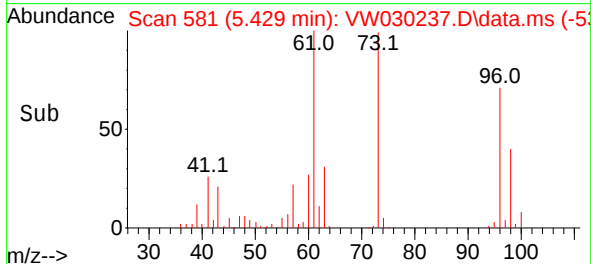
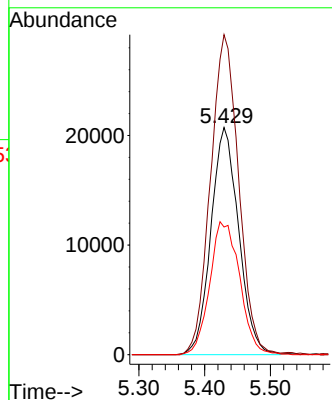
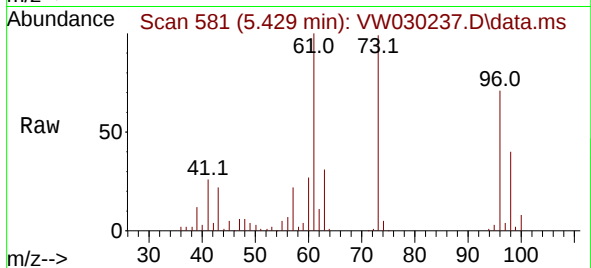
Tgt Ion: 96 Resp: 60804

Ion Ratio Lower Upper

96 100

61 140.8 100.8 187.2

98 56.2 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 27.906 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

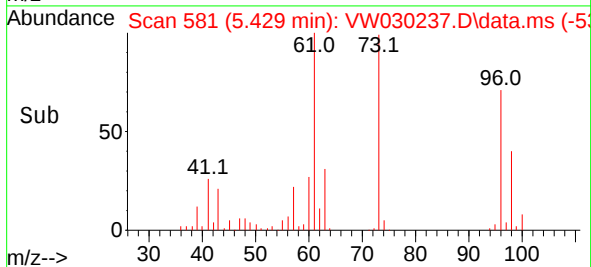
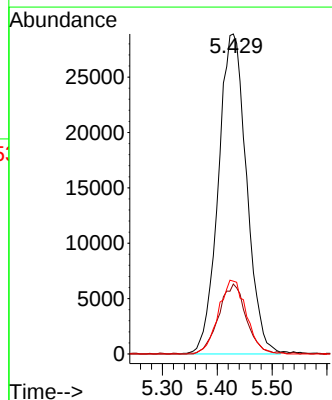
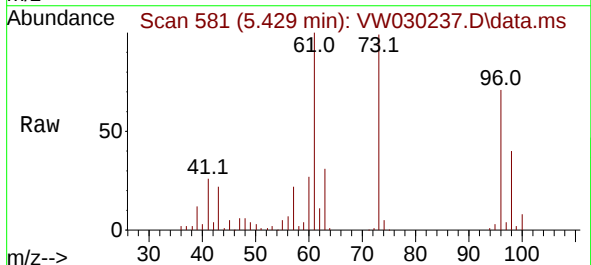
Tgt Ion: 73 Resp: 103163

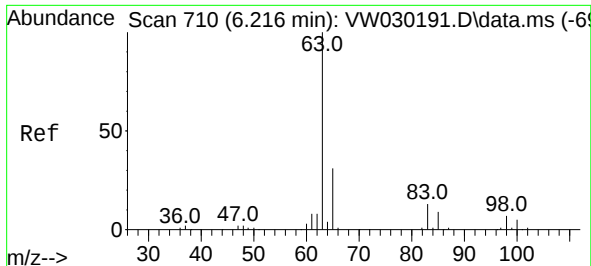
Ion Ratio Lower Upper

73 100

43 21.3 15.7 23.5

57 22.8 18.8 28.2





#19

1,1-Dichloroethane

Concen: 27.120 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

ClientSampleId :

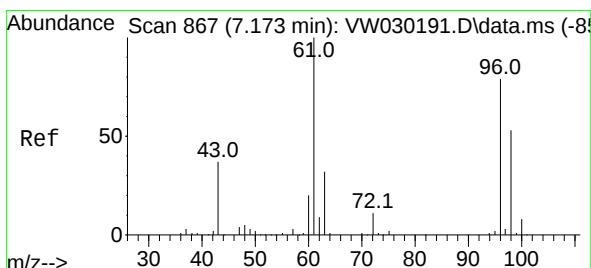
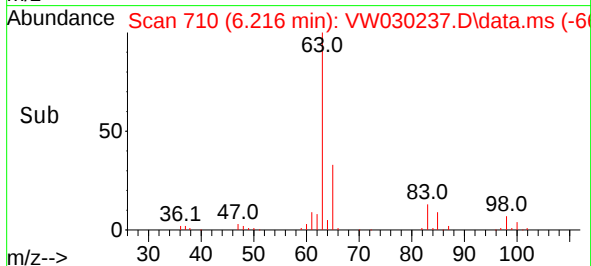
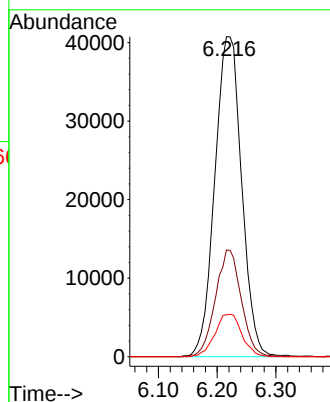
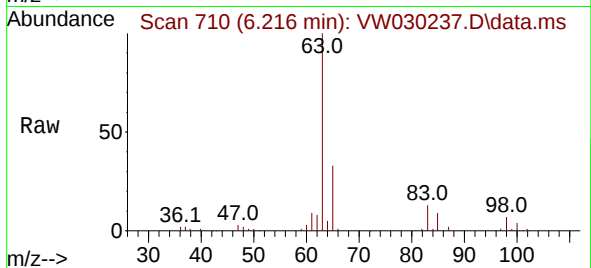
Tgt Ion: 63 Resp: 129176

Ion Ratio Lower Upper

63 100

65 33.4 21.6 40.0

83 13.1 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 27.377 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

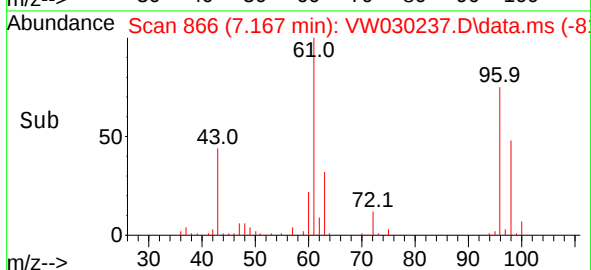
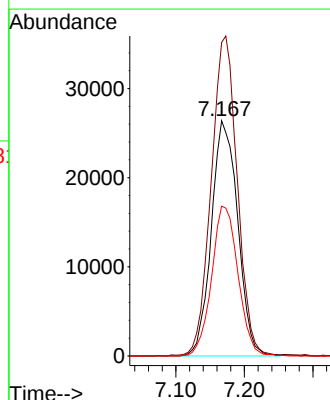
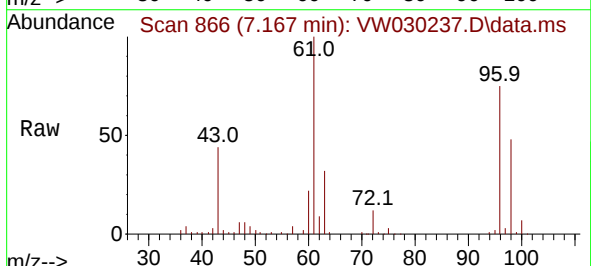
Tgt Ion: 96 Resp: 70475

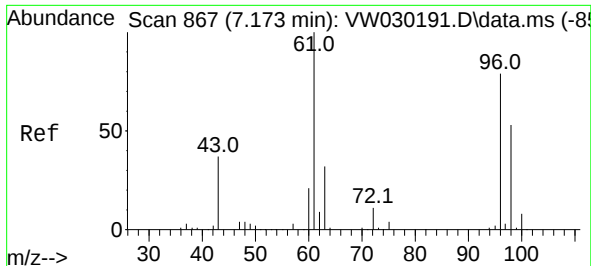
Ion Ratio Lower Upper

96 100

61 133.2 89.5 166.3

98 63.6 44.3 82.3





#22

2-Butanone

Concen: 57.337 ug/L

RT: 7.167 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

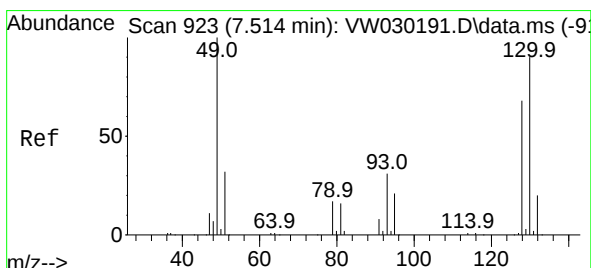
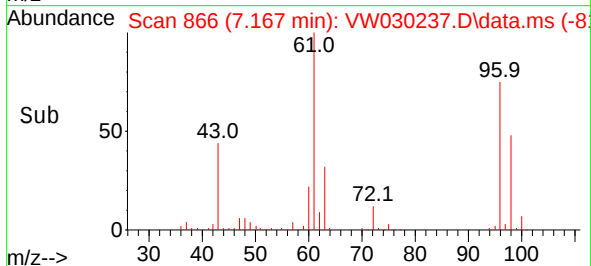
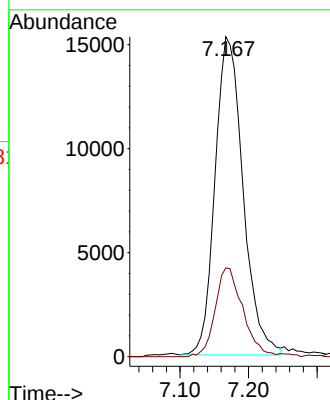
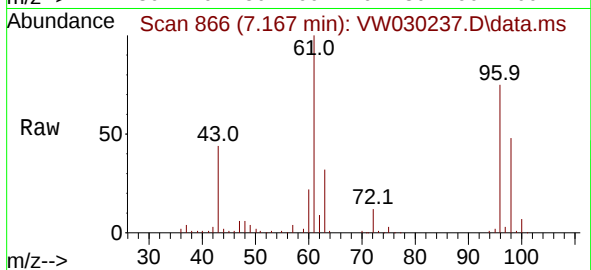
ClientSampleId :

Tgt Ion: 43 Resp: 43404

Ion Ratio Lower Upper

43 100

72 27.4 13.9 41.7



#23

Bromochloromethane

Concen: 26.553 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Tgt Ion: 128 Resp: 30547

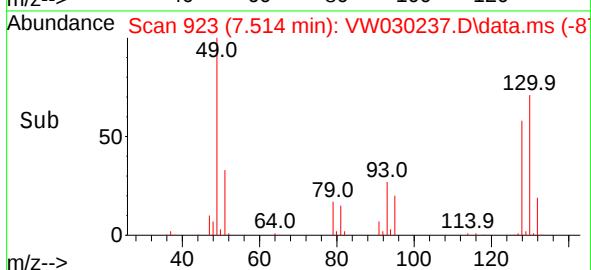
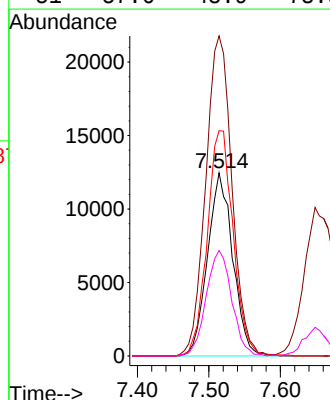
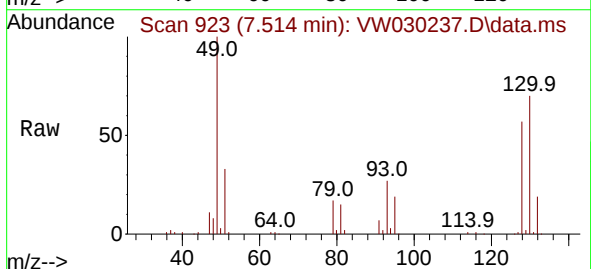
Ion Ratio Lower Upper

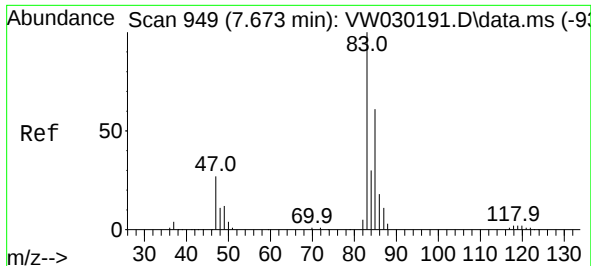
128 100

49 174.9 126.1 234.1

130 123.1 85.9 159.5

51 57.6 48.9 73.3





#25

Chloroform

Concen: 27.209 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

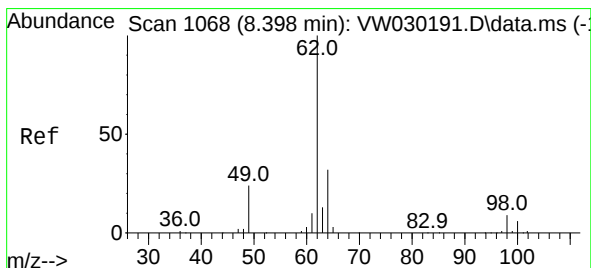
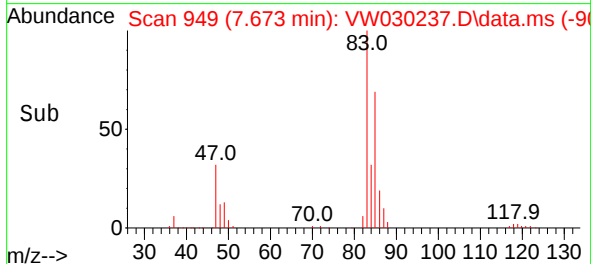
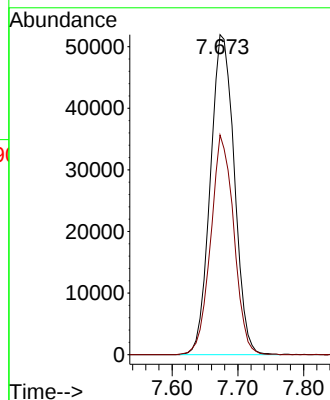
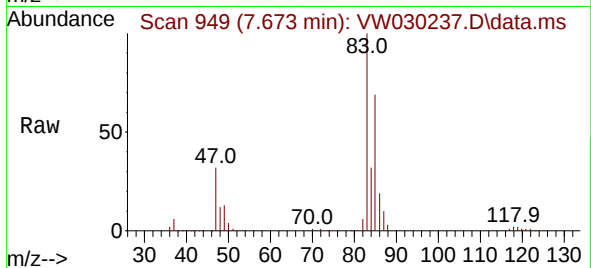
ClientSampleId :

Tgt Ion: 83 Resp: 131628

Ion Ratio Lower Upper

83 100

85 68.7 46.1 85.5



#27

1,2-Dichloroethane

Concen: 27.631 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030237.D

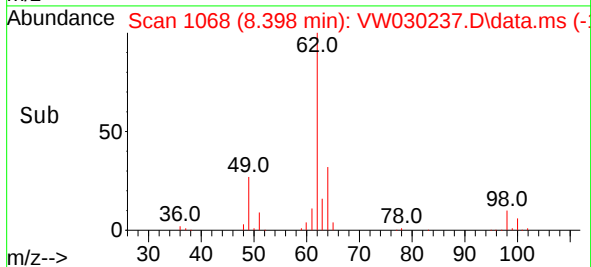
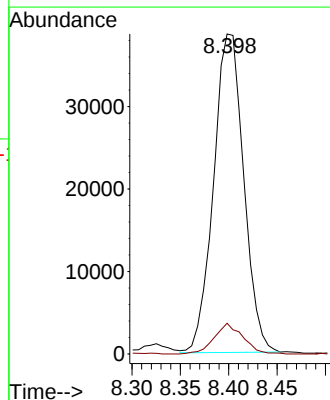
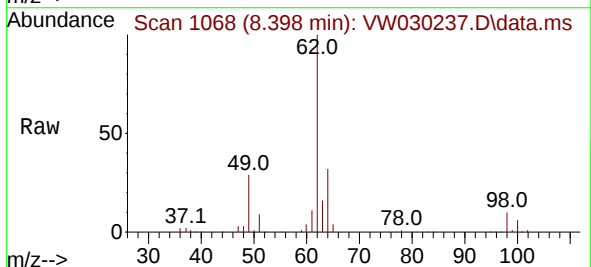
Acq: 25 Sep 2024 10:21

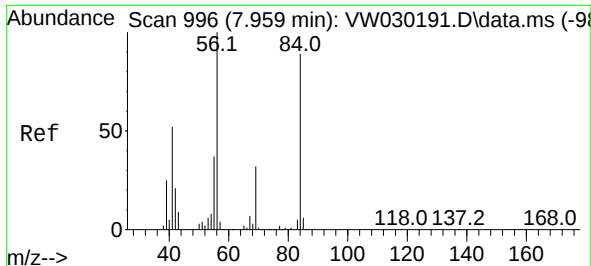
Tgt Ion: 62 Resp: 83821

Ion Ratio Lower Upper

62 100

98 9.6 7.3 10.9

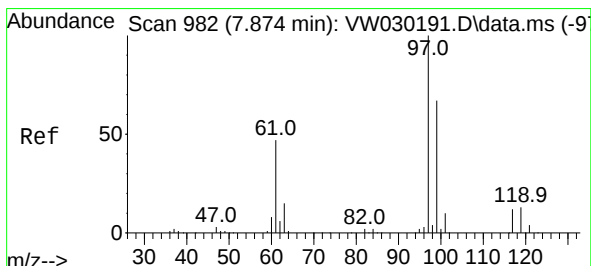
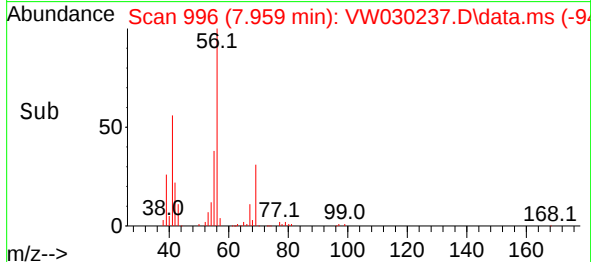
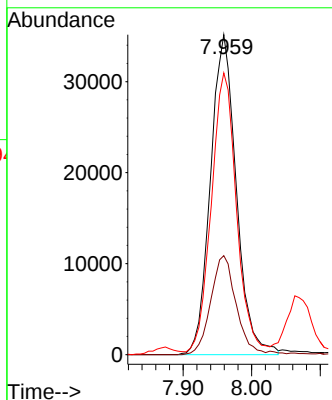
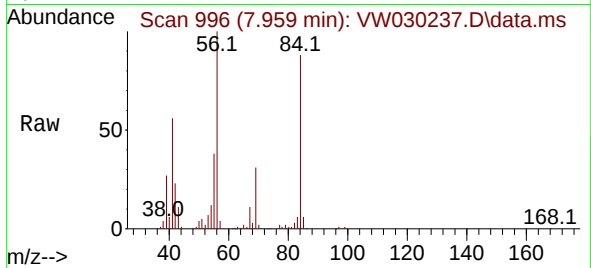




#29
Cyclohexane
Concen: 26.199 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

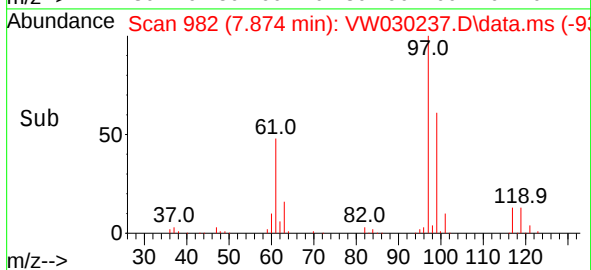
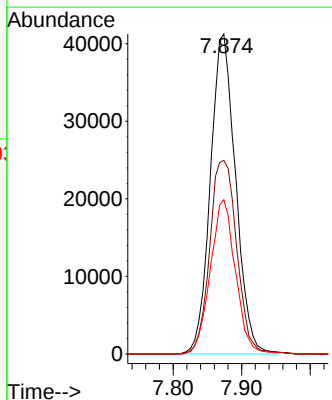
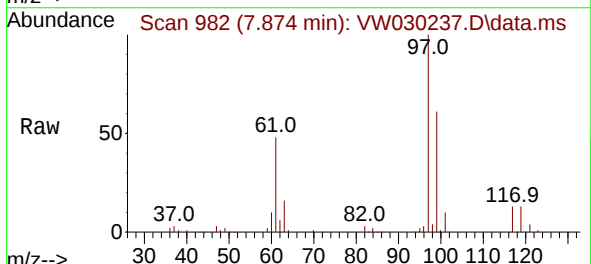
Instrument :
MSVOA_W
ClientSampleId :

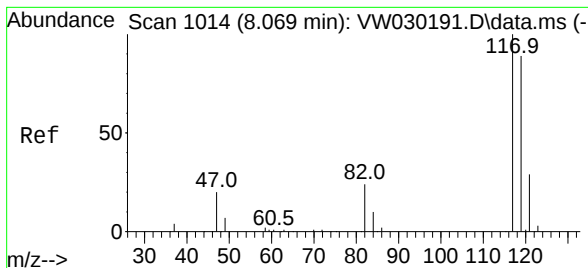
Tgt Ion: 56 Resp: 91951
Ion Ratio Lower Upper
56 100
69 30.1 24.6 37.0
84 86.3 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 26.465 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Tgt Ion: 97 Resp: 105452
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 48.1 36.4 54.6





#31

Carbon tetrachloride

Concen: 25.620 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

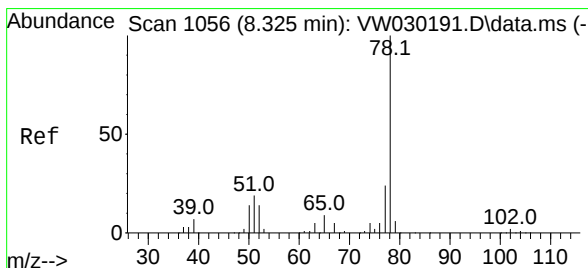
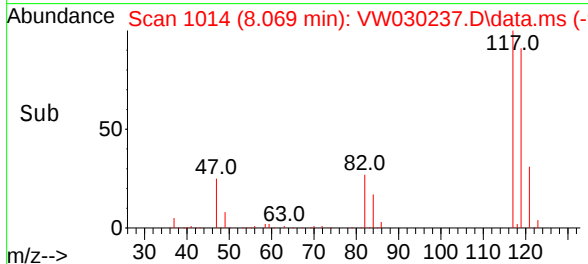
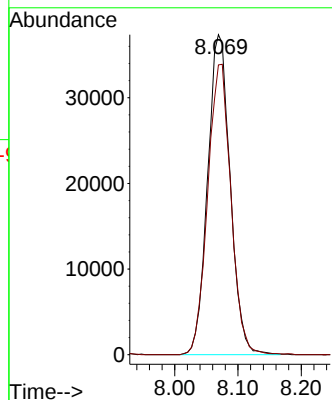
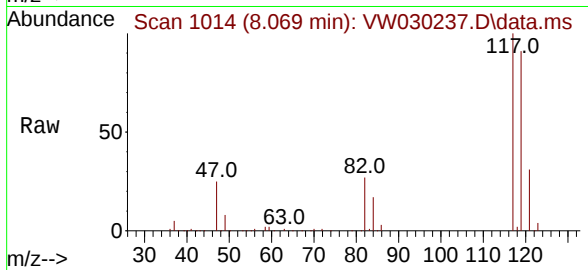
ClientSampleId :

Tgt Ion:117 Resp: 92762

Ion Ratio Lower Upper

117 100

119 93.3 76.2 114.4



#33

Benzene

Concen: 27.366 ug/L

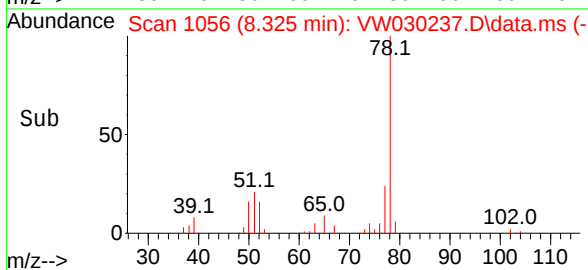
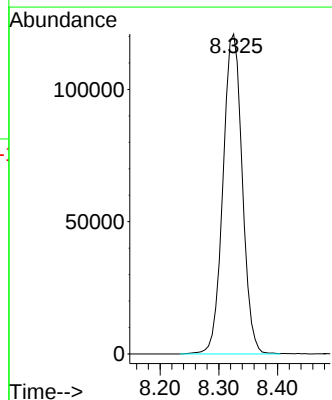
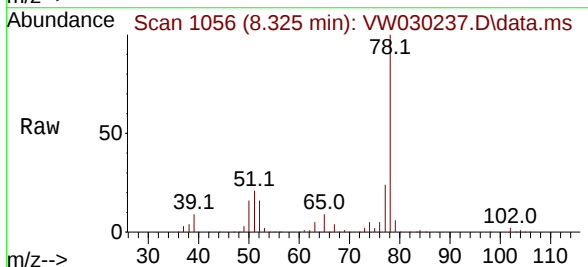
RT: 8.325 min Scan# 1056

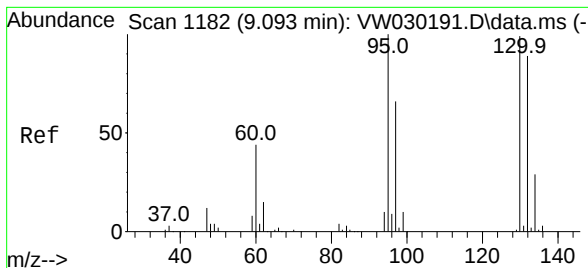
Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Tgt Ion: 78 Resp: 275619





#34

Trichloroethene

Concen: 26.016 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 70732

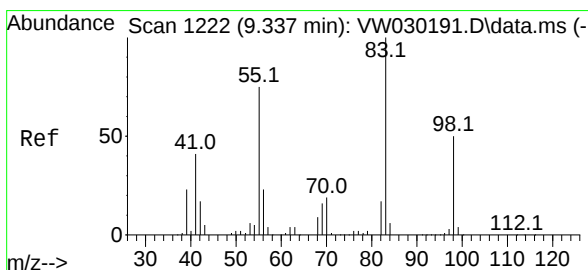
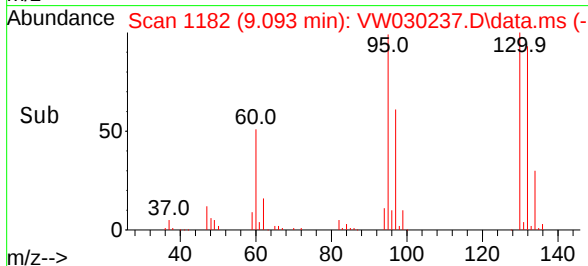
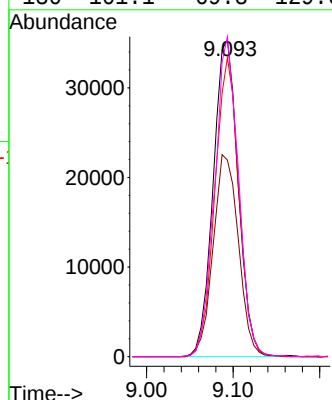
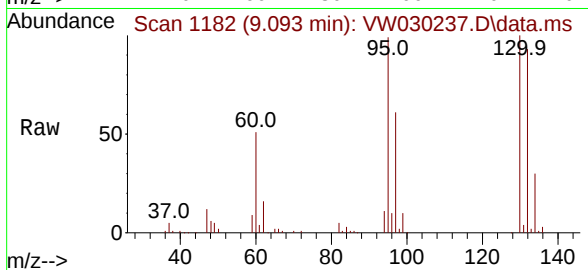
Ion Ratio Lower Upper

95 100

97 62.1 45.2 84.0

132 94.4 64.8 120.3

130 101.1 69.8 129.6



#35

Methylcyclohexane

Concen: 26.214 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

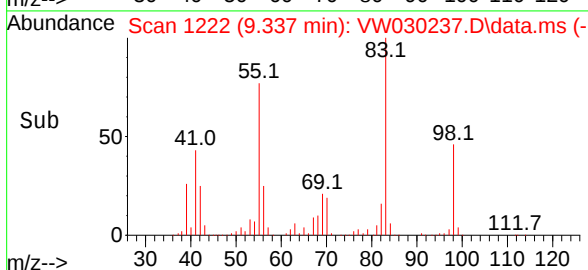
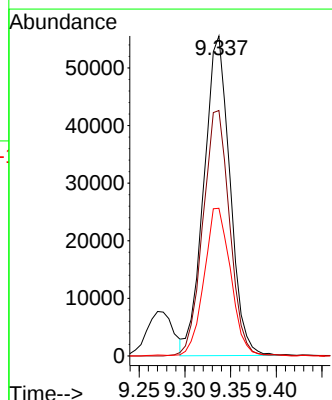
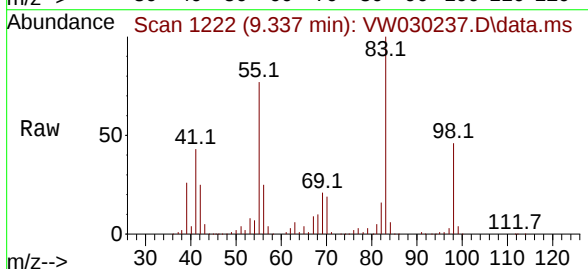
Tgt Ion: 83 Resp: 109876

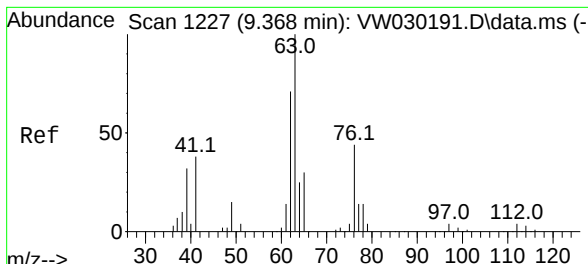
Ion Ratio Lower Upper

83 100

55 78.8 63.0 94.6

98 47.2 38.7 58.1

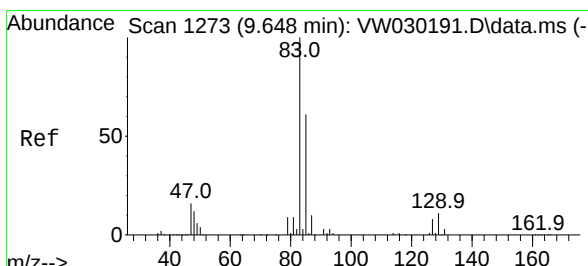
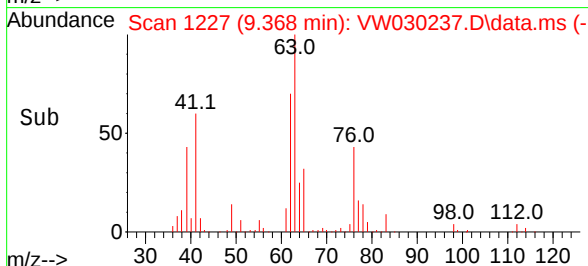
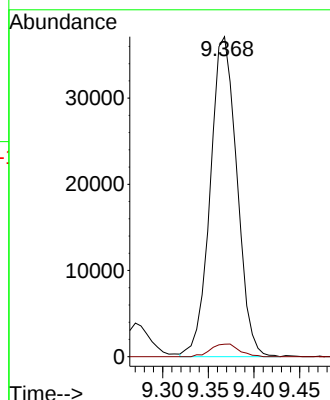
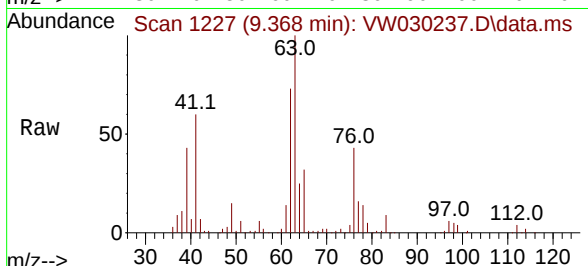




#37
1,2-Dichloropropane
Concen: 27.580 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

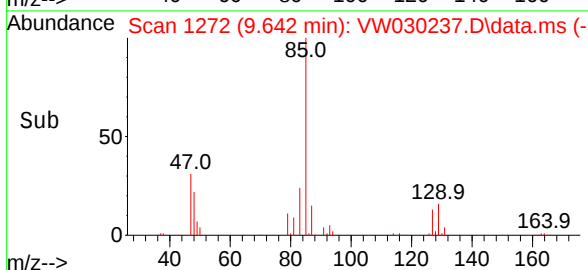
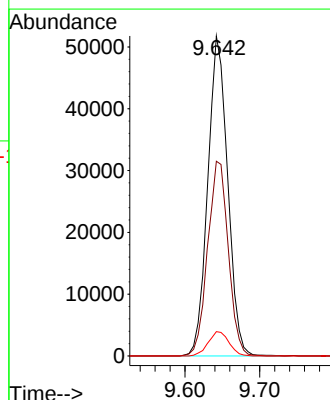
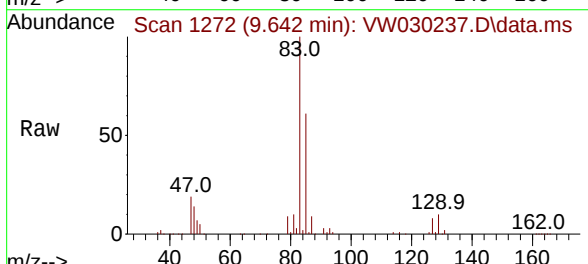
Instrument :
MSVOA_W
ClientSampleId :

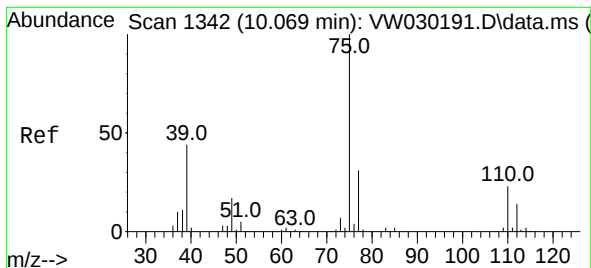
Tgt Ion: 63 Resp: 75288
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 27.815 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Tgt Ion: 83 Resp: 95612
Ion Ratio Lower Upper
83 100
85 60.9 42.6 79.0
127 7.6 6.3 9.5

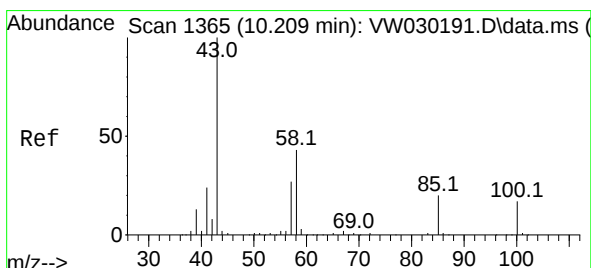
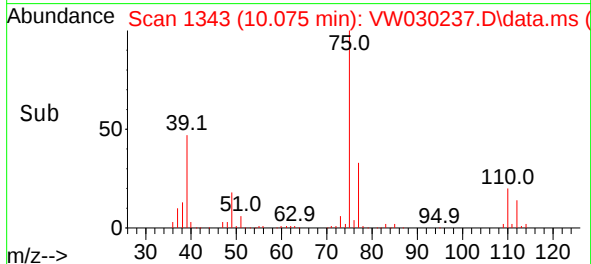
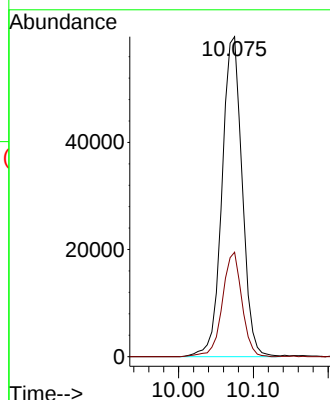
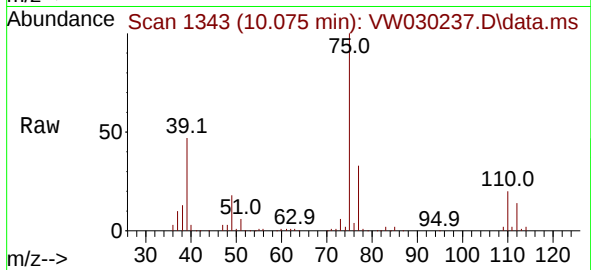




#39
 cis-1,3-Dichloropropene
 Concen: 28.060 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW030237.D
 Acq: 25 Sep 2024 10:21

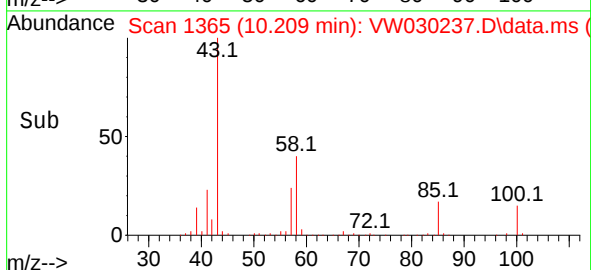
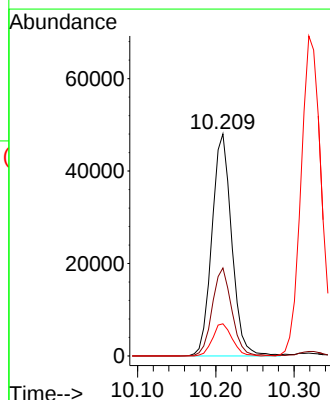
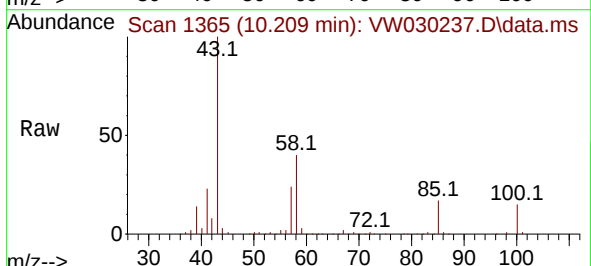
Instrument :
 MSVOA_W
 ClientSampleId :

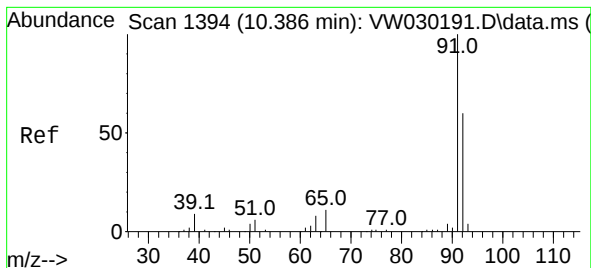
Tgt Ion: 75 Resp: 112060
 Ion Ratio Lower Upper
 75 100
 77 32.6 20.7 38.5



#40
 4-Methyl-2-pentanone
 Concen: 60.512 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW030237.D
 Acq: 25 Sep 2024 10:21

Tgt Ion: 43 Resp: 84405
 Ion Ratio Lower Upper
 43 100
 58 38.7 32.7 49.1
 100 14.4 12.7 19.1





#42

Toluene

Concen: 27.993 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

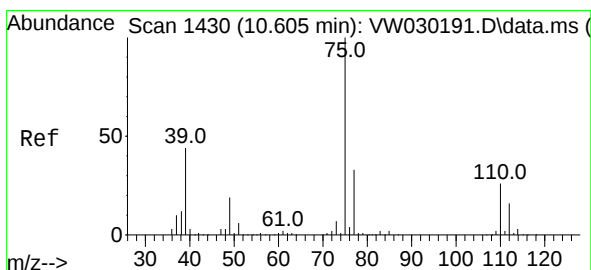
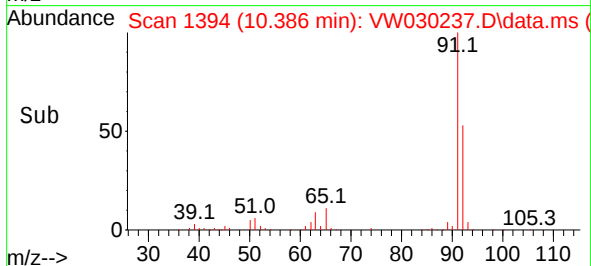
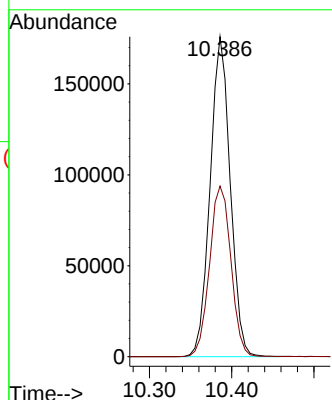
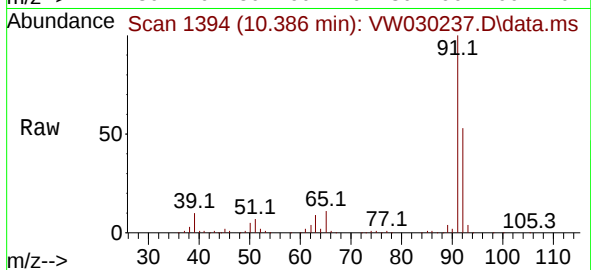
ClientSampleId :

Tgt Ion: 91 Resp: 299163

Ion Ratio Lower Upper

91 100

92 53.3 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 28.113 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030237.D

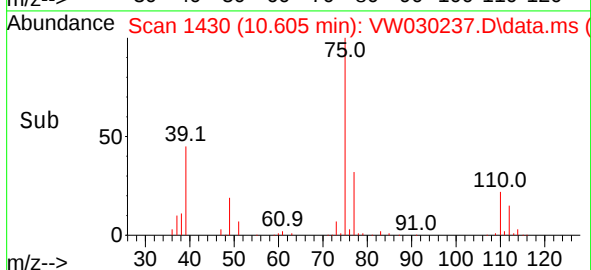
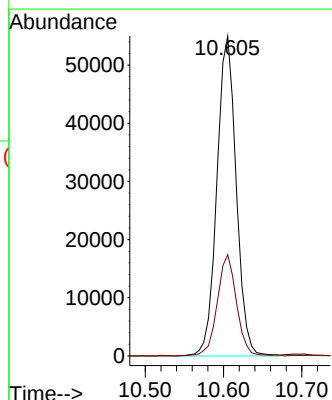
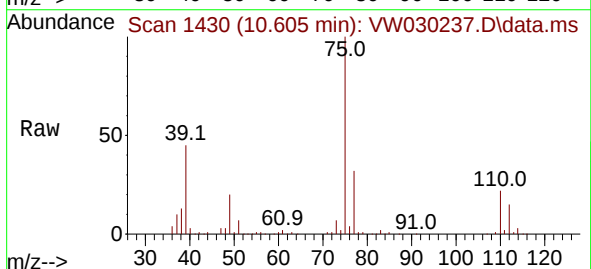
Acq: 25 Sep 2024 10:21

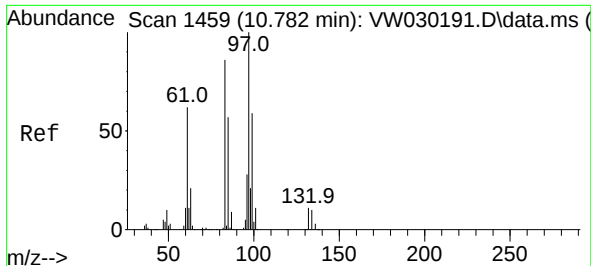
Tgt Ion: 75 Resp: 94445

Ion Ratio Lower Upper

75 100

77 31.7 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 27.184 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

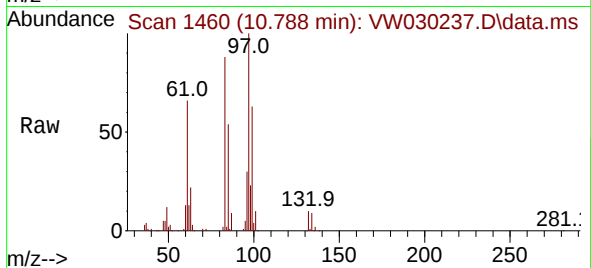
Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 53997

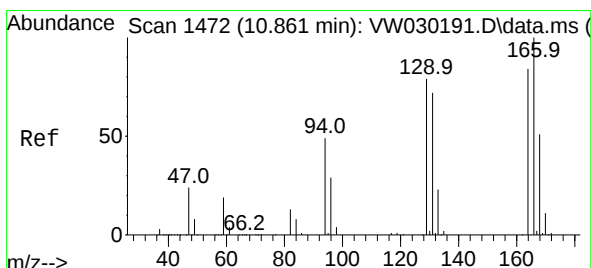
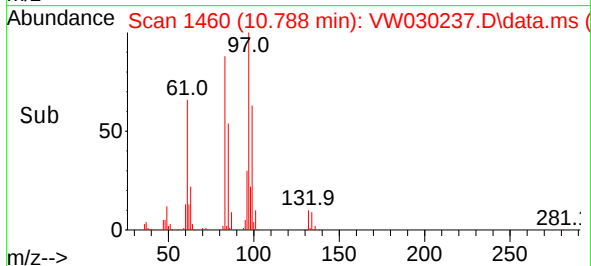
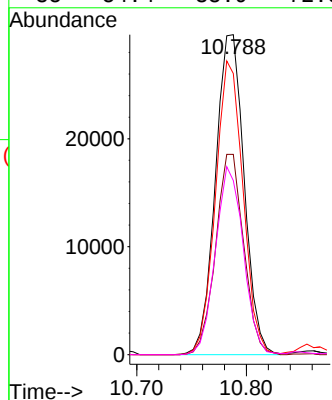
Ion Ratio Lower Upper

97 100

99 62.6 45.6 84.8

83 87.8 64.0 119.0

85 54.4 38.9 72.3



#46

Tetrachloroethene

Concen: 25.377 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Tgt Ion:164 Resp: 50910

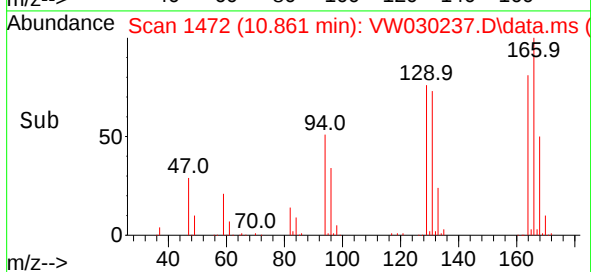
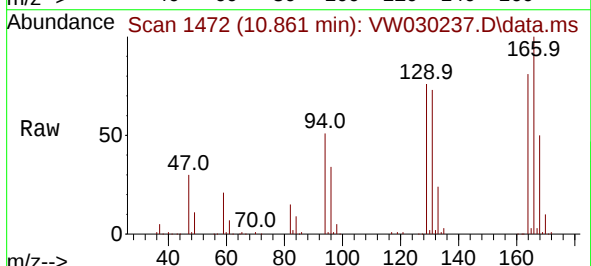
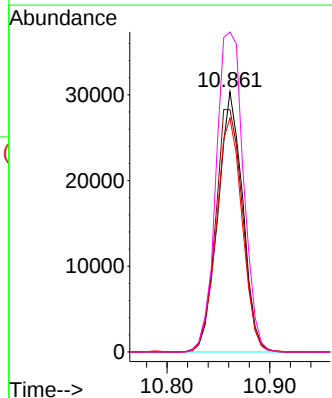
Ion Ratio Lower Upper

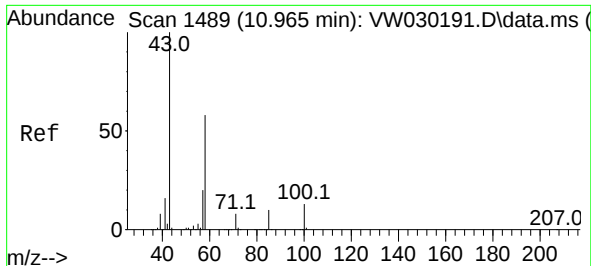
164 100

129 93.1 66.0 122.6

131 89.8 64.8 120.4

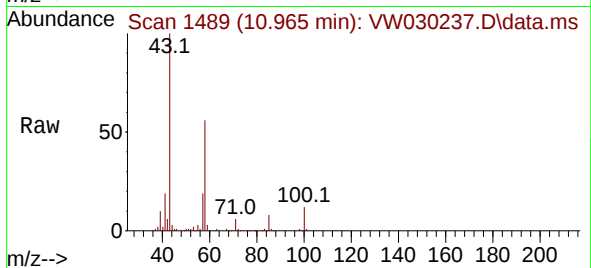
166 123.0 81.6 151.6



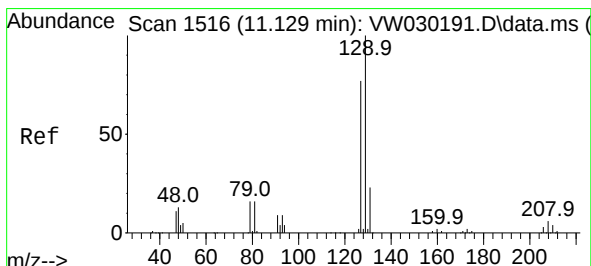
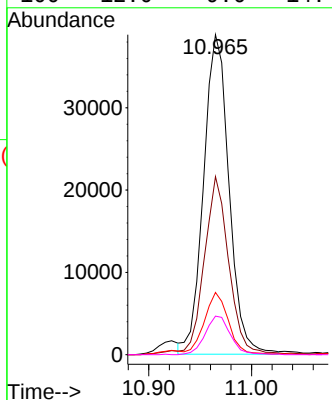
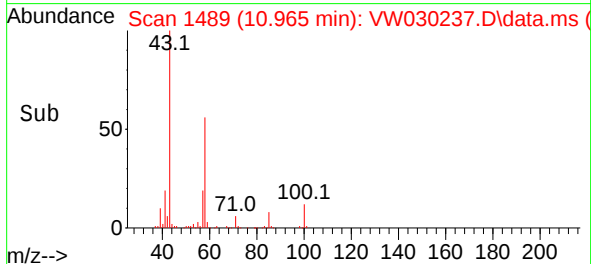


#48
2-Hexanone
Concen: 62.360 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Instrument :
MSVOA_W
ClientSampleId :

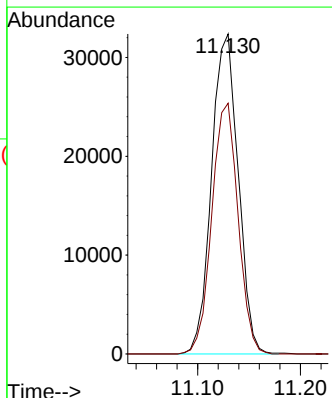
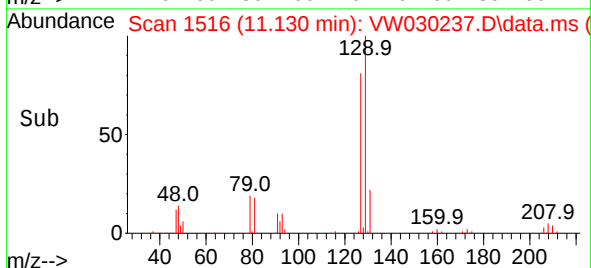
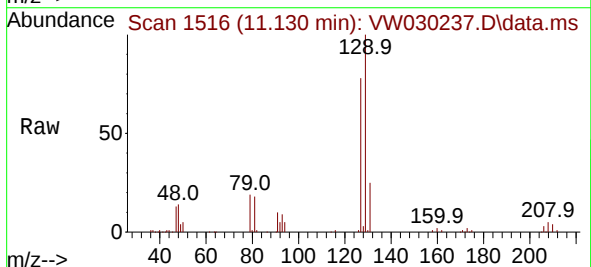


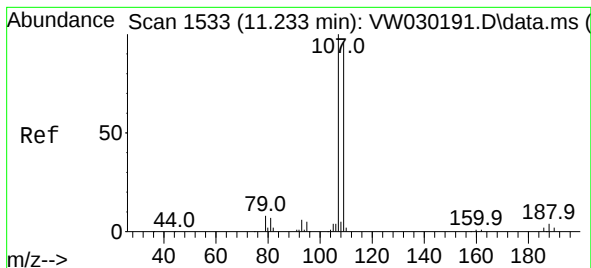
Tgt Ion: 43 Resp: 66890
Ion Ratio Lower Upper
43 100
58 52.7 44.8 67.2
57 18.8 15.4 23.2
100 12.0 9.6 14.4



#49
Dibromochloromethane
Concen: 26.948 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

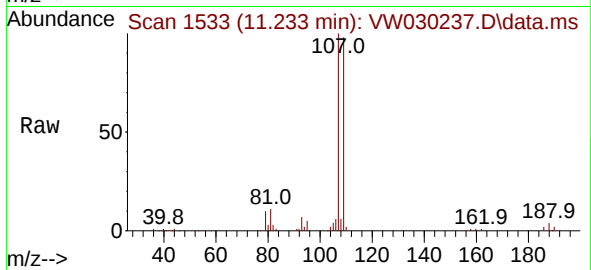
Tgt Ion: 129 Resp: 58258
Ion Ratio Lower Upper
129 100
127 78.3 54.2 100.6



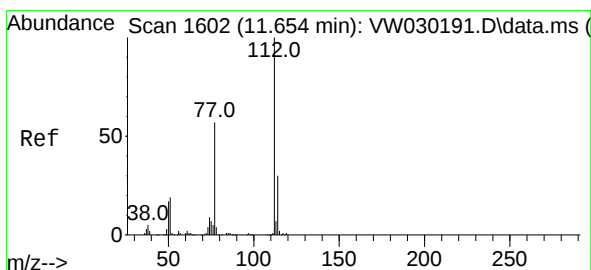
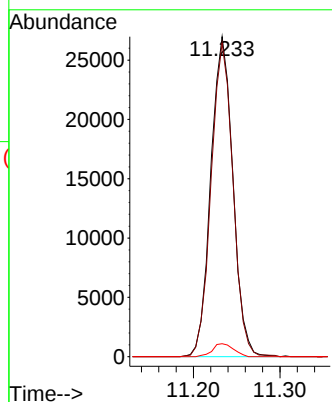
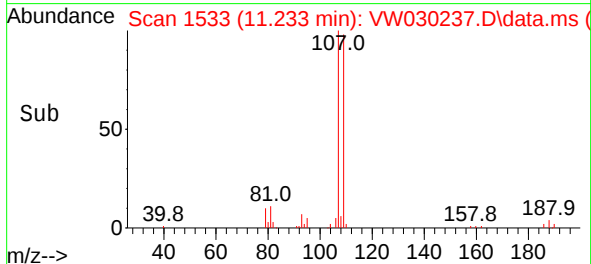


#50
1,2-Dibromoethane
Concen: 26.093 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Instrument :
MSVOA_W
ClientSampleId :

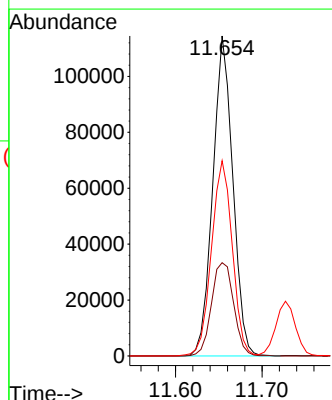
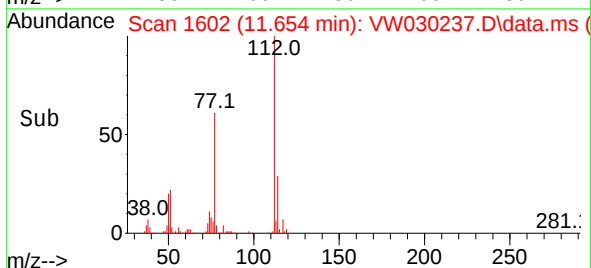
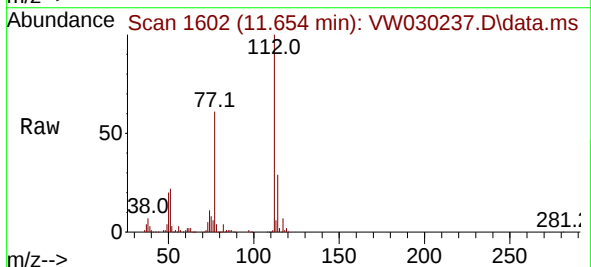


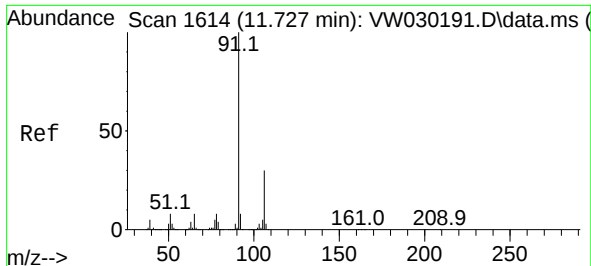
Tgt Ion:107 Resp: 47792
Ion Ratio Lower Upper
107 100
109 98.0 68.7 127.7
188 4.1 2.6 4.0#



#51
Chlorobenzene
Concen: 26.665 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Tgt Ion:112 Resp: 184061
Ion Ratio Lower Upper
112 100
114 29.1 23.8 44.2
77 61.0 52.9 79.3





#52

Ethylbenzene

Concen: 27.612 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

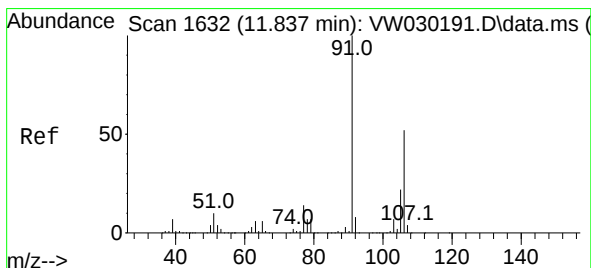
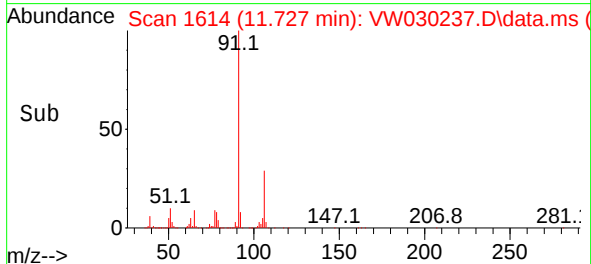
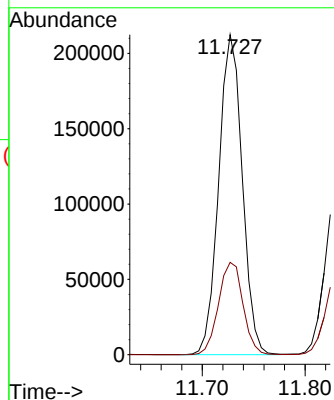
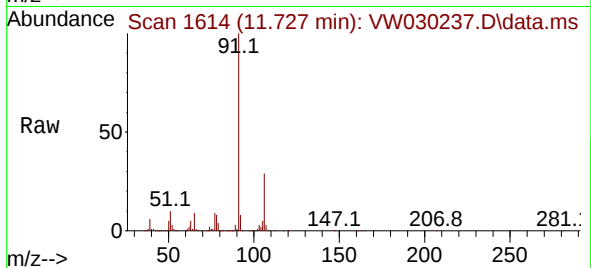
ClientSampleId :

Tgt Ion: 91 Resp: 337786

Ion Ratio Lower Upper

91 100

106 28.8 21.9 40.7



#53

m,p-Xylene

Concen: 27.809 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030237.D

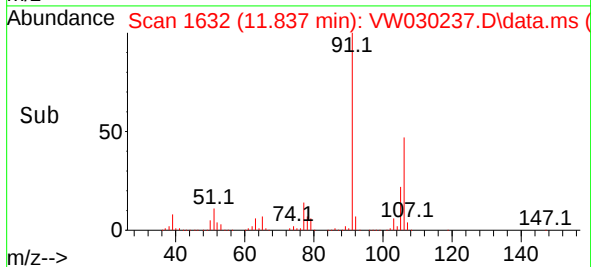
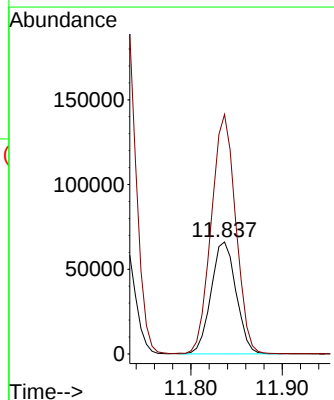
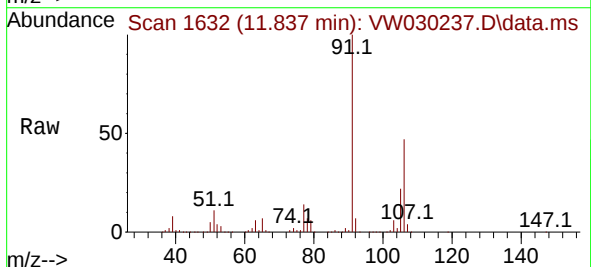
Acq: 25 Sep 2024 10:21

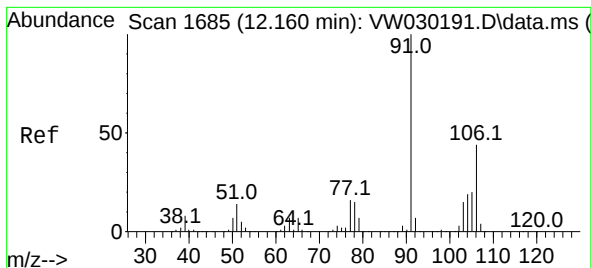
Tgt Ion:106 Resp: 125519

Ion Ratio Lower Upper

106 100

91 213.8 152.9 283.9





#54

o-Xylene

Concen: 28.372 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

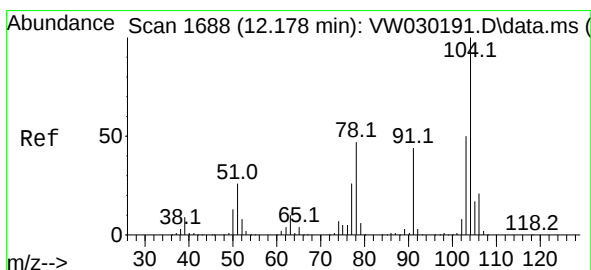
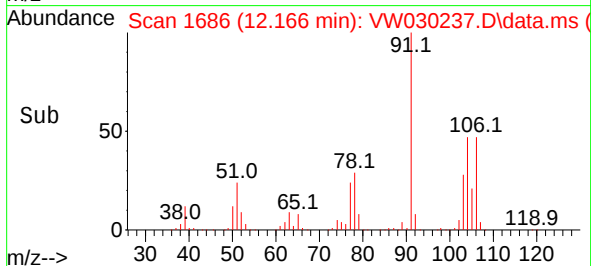
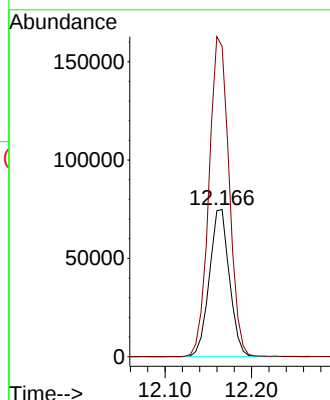
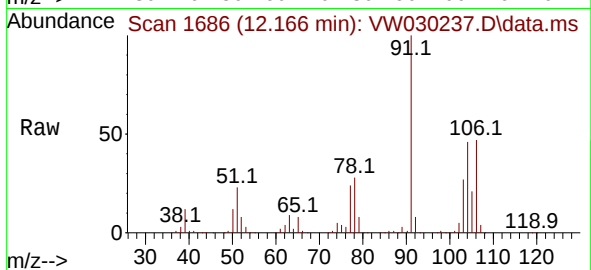
ClientSampleId :

Tgt Ion:106 Resp: 120508

Ion Ratio Lower Upper

106 100

91 210.8 158.1 293.7



#55

Styrene

Concen: 28.782 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030237.D

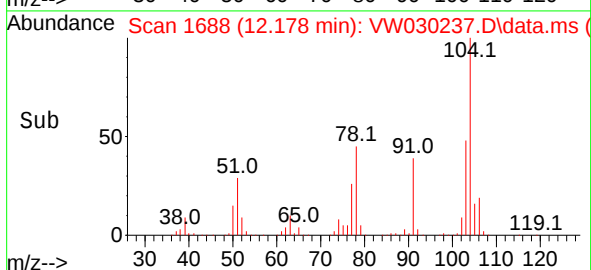
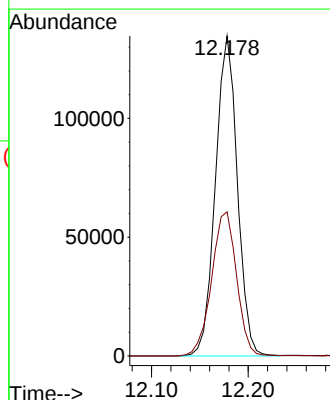
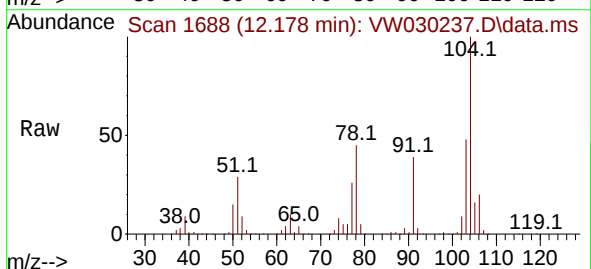
Acq: 25 Sep 2024 10:21

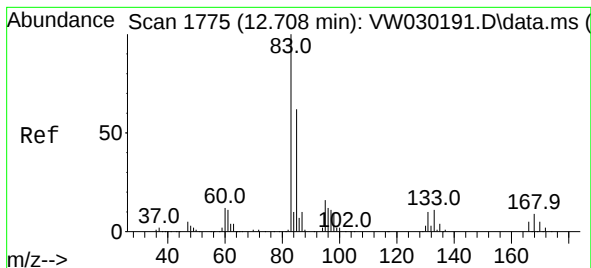
Tgt Ion:104 Resp: 212043

Ion Ratio Lower Upper

104 100

78 45.0 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 27.826 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

ClientSampleId :

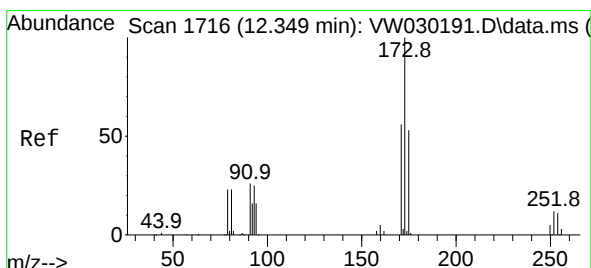
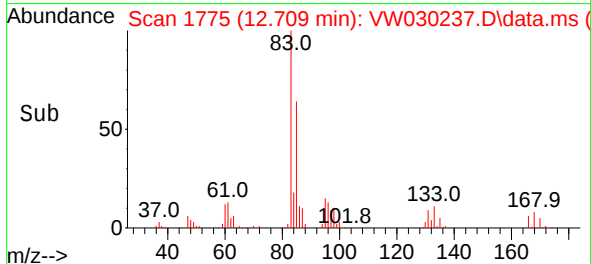
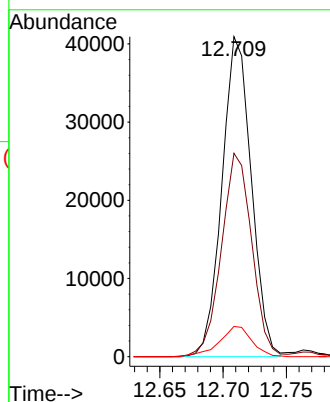
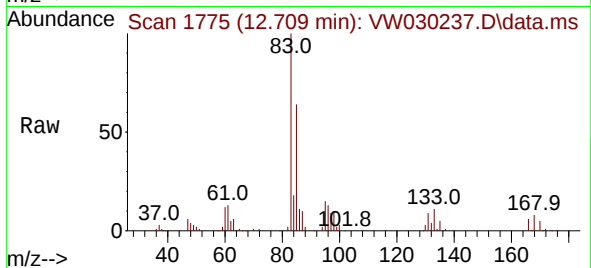
Tgt Ion: 83 Resp: 65973

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

131 9.4 7.4 11.2



#59

Bromoform

Concen: 26.434 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

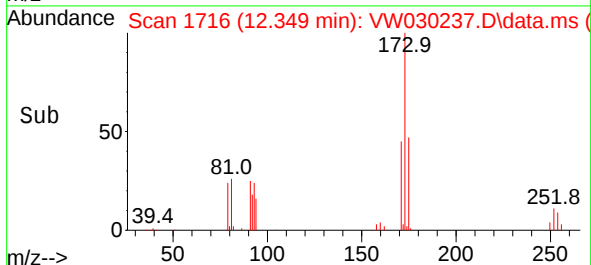
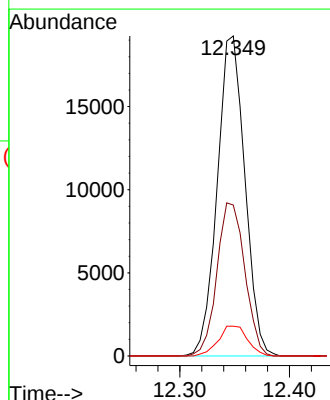
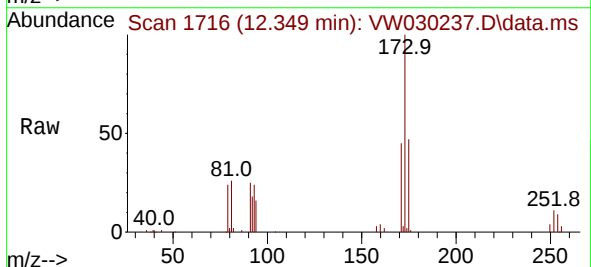
Tgt Ion:173 Resp: 33701

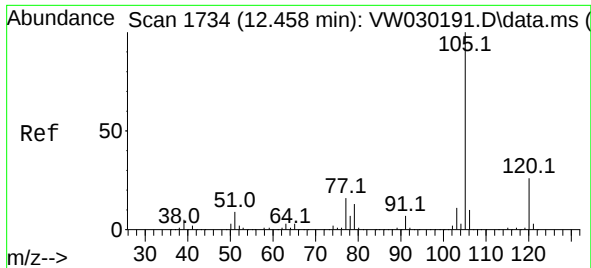
Ion Ratio Lower Upper

173 100

175 48.3 38.6 57.8

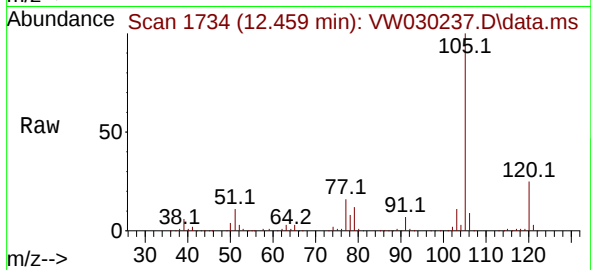
254 9.9 7.7 11.5



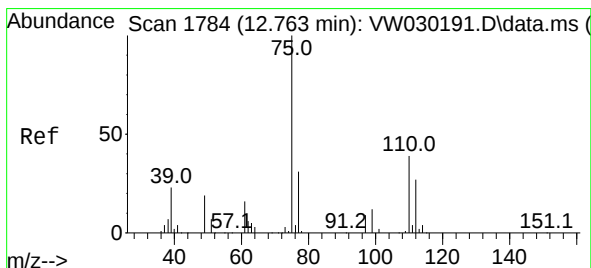
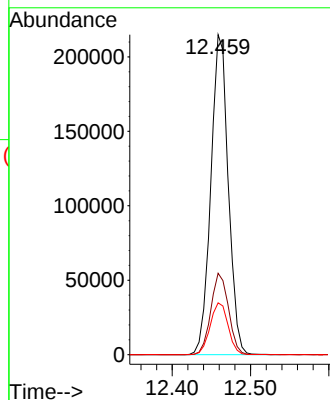
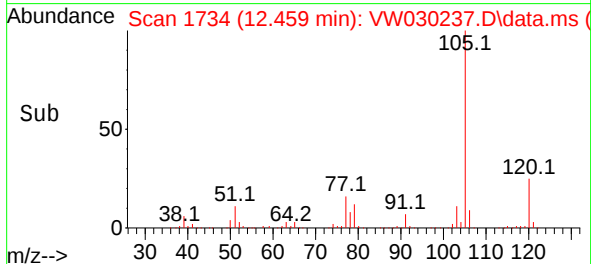


#60
Isopropylbenzene
Concen: 27.996 ug/L
RT: 12.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

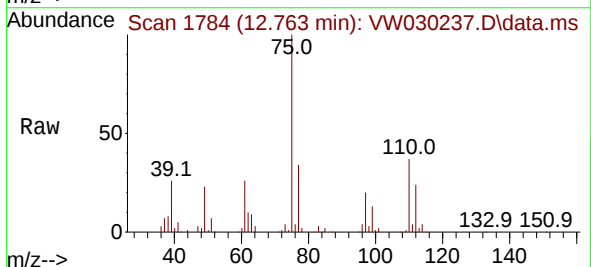
Instrument :
MSVOA_W
ClientSampleId :



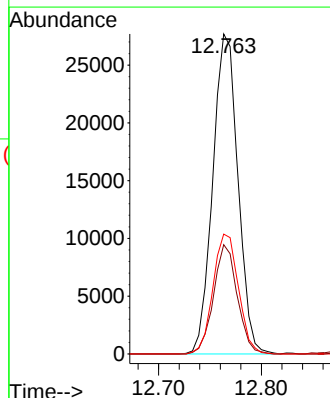
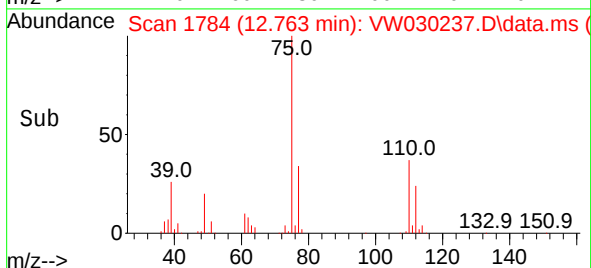
Tgt Ion:105 Resp: 332046
Ion Ratio Lower Upper
105 100
120 25.8 20.2 30.2
77 16.7 13.0 19.4

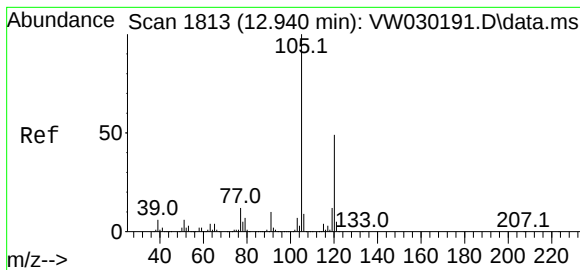


#61
1,2,3-Trichloropropane
Concen: 28.087 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21



Tgt Ion: 75 Resp: 47070
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 37.8 29.7 44.5

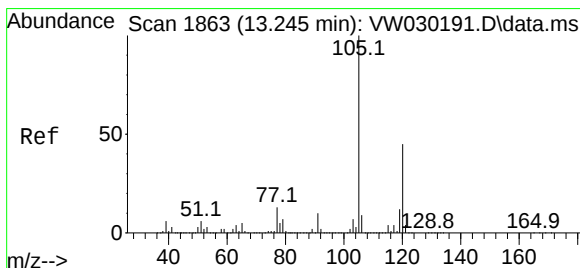
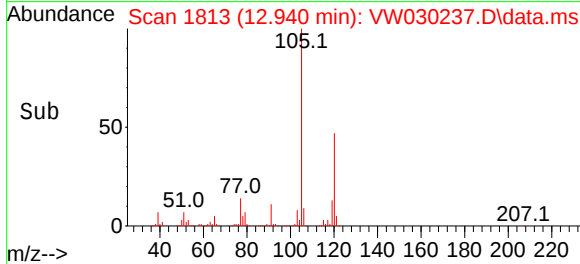
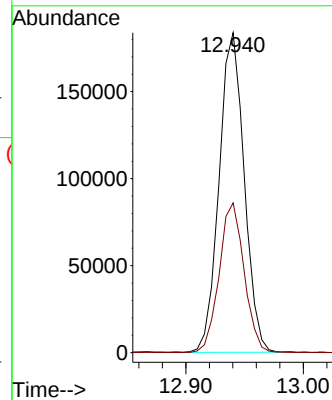
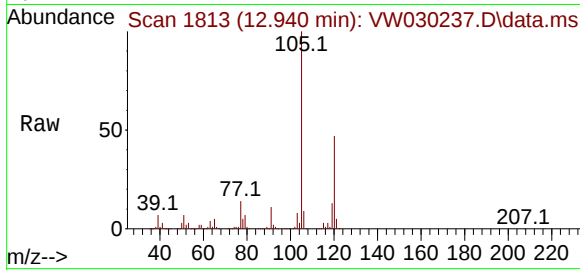




#62
1,3,5-Trimethylbenzene
Concen: 31.352 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

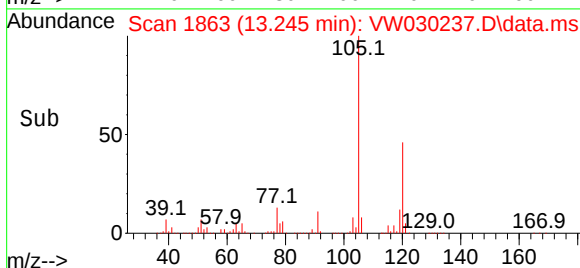
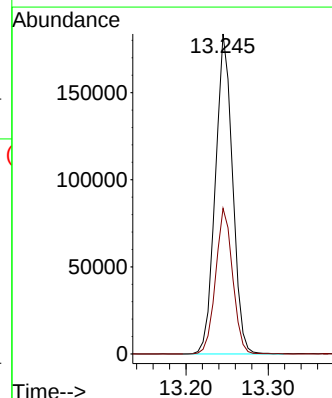
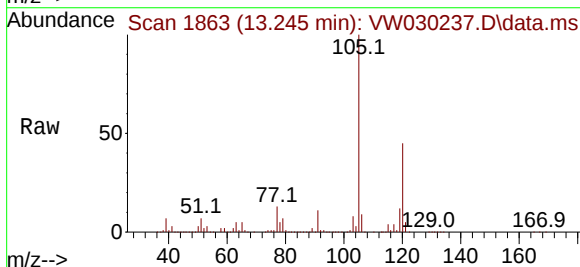
Instrument :
MSVOA_W
ClientSampleId :

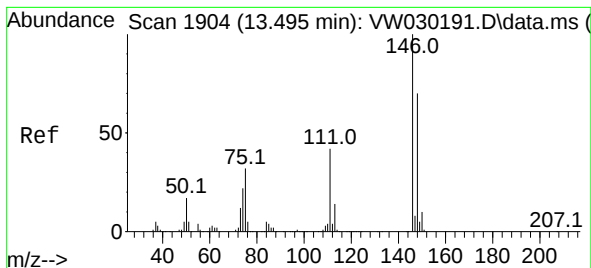
Tgt Ion:105 Resp: 272541
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 29.584 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Tgt Ion:105 Resp: 267358
Ion Ratio Lower Upper
105 100
120 44.8 34.8 52.2

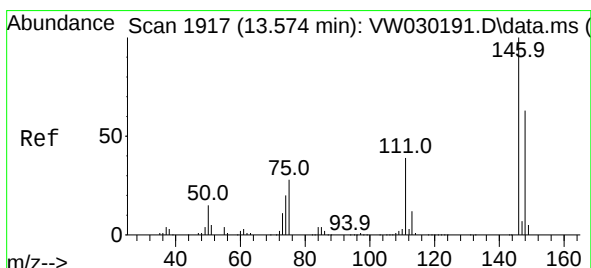
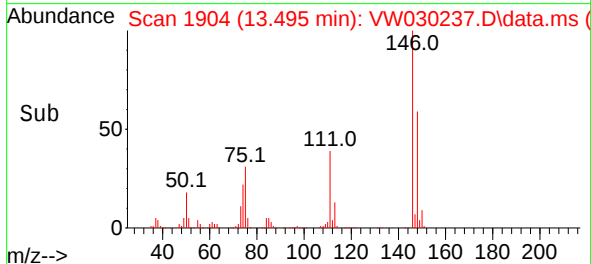
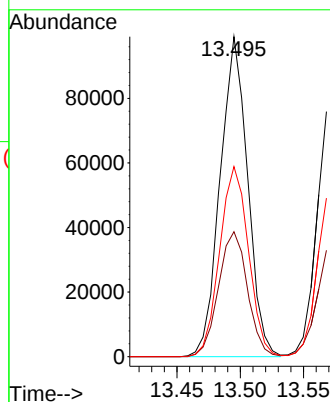
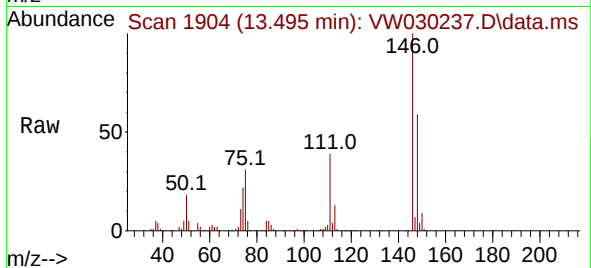




#64
1,3-Dichlorobenzene
Concen: 28.501 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

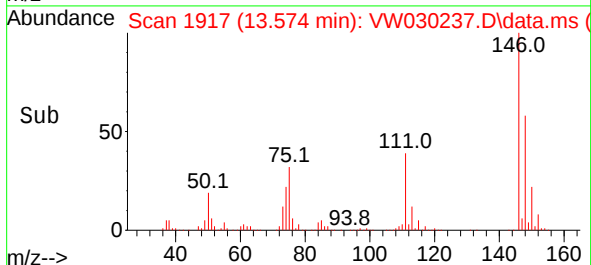
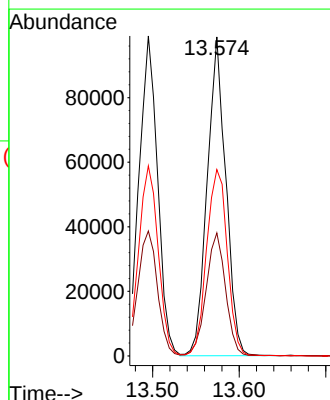
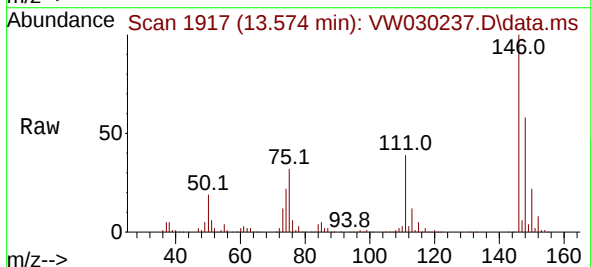
Instrument :
MSVOA_W
ClientSampleId :

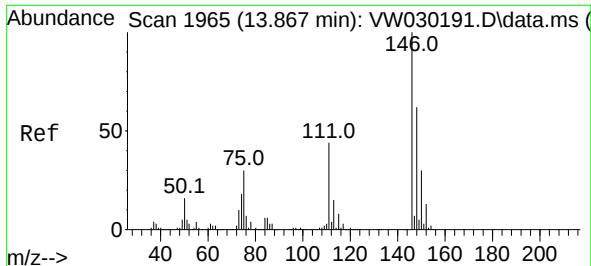
Tgt Ion:146 Resp: 149815
Ion Ratio Lower Upper
146 100
111 39.1 31.9 59.3
148 59.4 47.7 88.5



#65
1,4-Dichlorobenzene
Concen: 27.166 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Tgt Ion:146 Resp: 147527
Ion Ratio Lower Upper
146 100
111 38.5 29.5 54.7
148 58.4 44.4 82.5

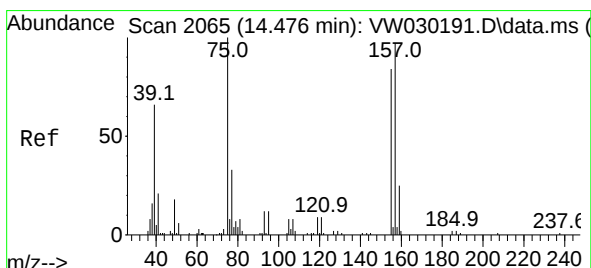
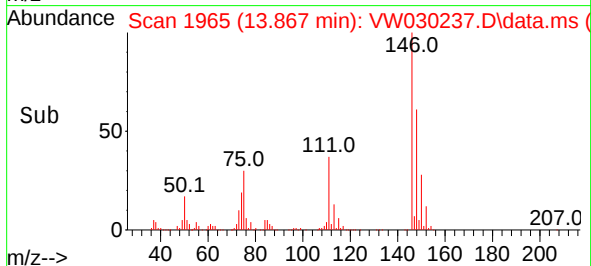
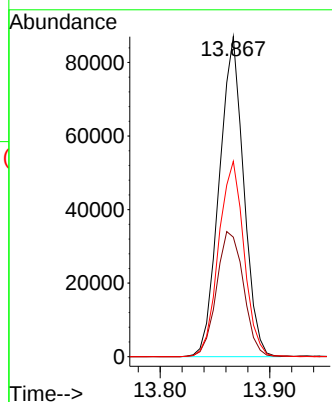
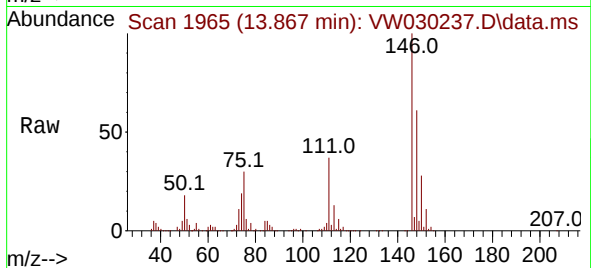




#67
1,2-Dichlorobenzene
Concen: 28.515 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

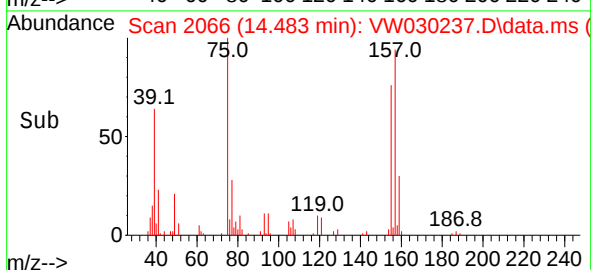
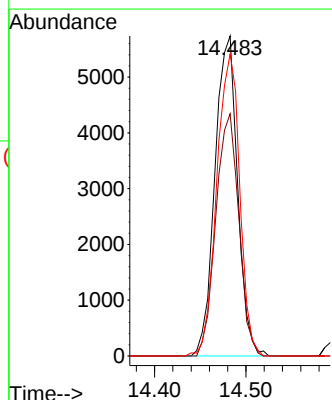
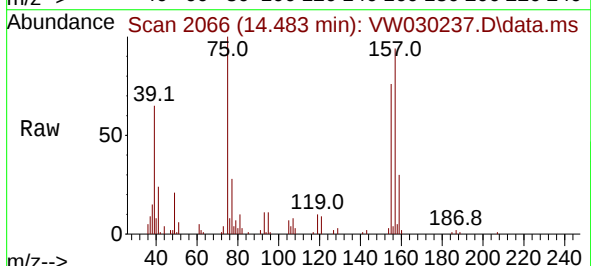
Instrument :
MSVOA_W
ClientSampleId :

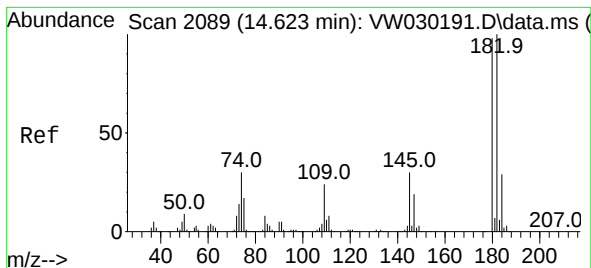
Tgt Ion:146 Resp: 135081
Ion Ratio Lower Upper
146 100
111 37.3 32.7 49.1
148 61.0 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 26.959 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Tgt Ion: 75 Resp: 9853
Ion Ratio Lower Upper
75 100
155 75.7 60.5 90.7
157 94.4 66.9 100.3





#69

1,3,5-Trichlorobenzene

Concen: 28.473 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

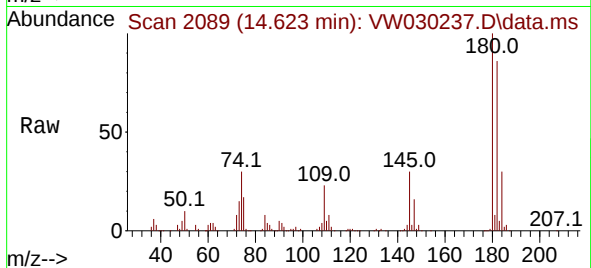
Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 104467

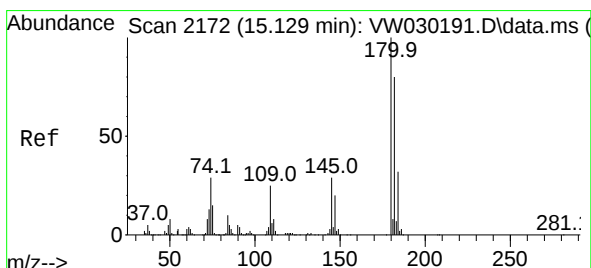
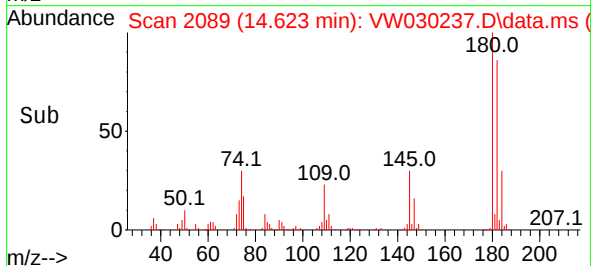
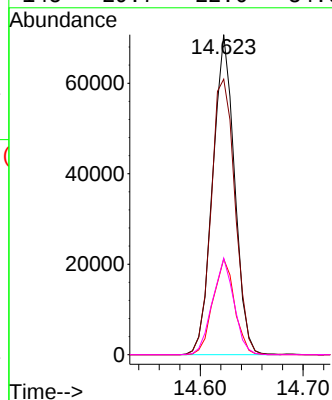
Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

184 29.5 23.4 35.0

145 29.7 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 28.751 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030237.D

Acq: 25 Sep 2024 10:21

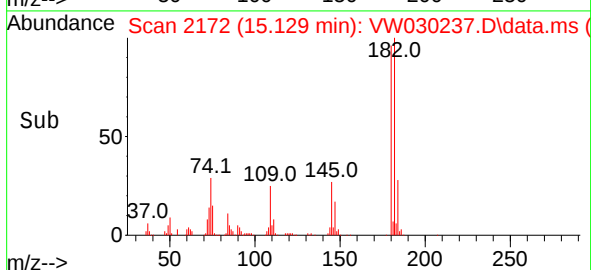
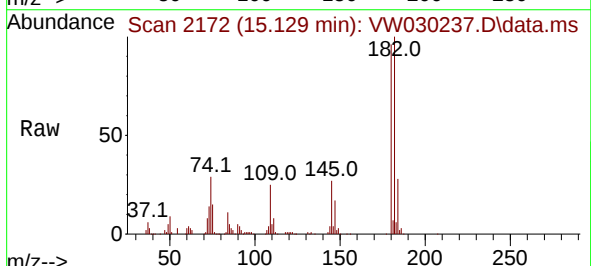
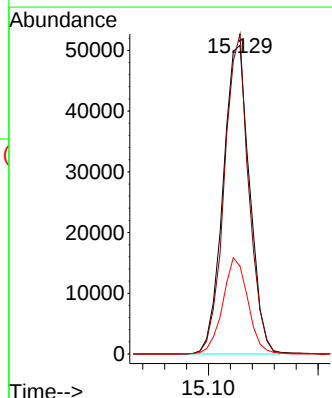
Tgt Ion:180 Resp: 85451

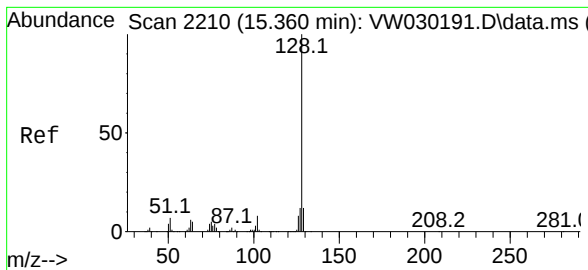
Ion Ratio Lower Upper

180 100

182 95.6 73.4 110.2

145 29.5 24.0 36.0

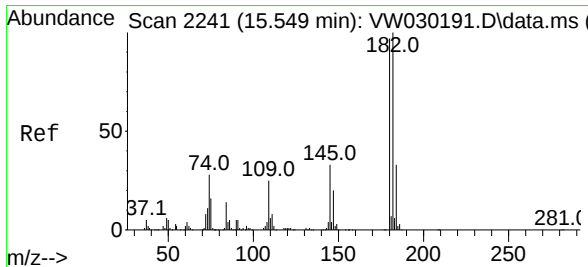
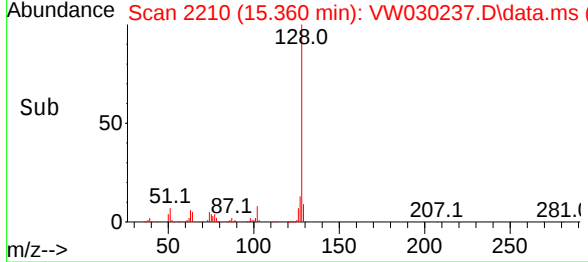
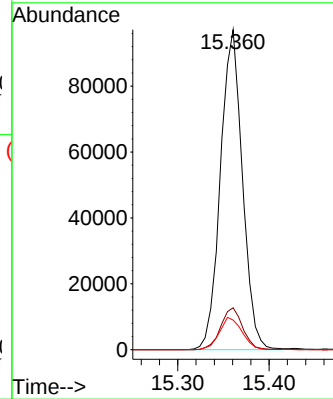
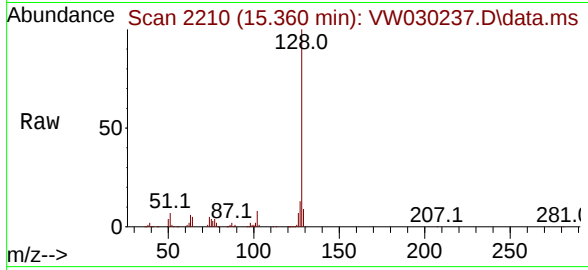




#71
Naphthalene
Concen: 30.099 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 162444
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.4 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 27.920 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW030237.D
Acq: 25 Sep 2024 10:21

Tgt Ion:180 Resp: 72766
Ion Ratio Lower Upper
180 100
182 99.3 76.4 114.6
145 35.5 26.2 39.4

