

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
 Data File : VW030092.D
 Acq On : 29 Aug 2024 11:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 21:29:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 01:10:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	173270	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	160625	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	80717	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	61672	23.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.680%
7) Chloroethane-d5	2.899	69	46407	25.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.440%
11) 1,1-Dichloroethene-d2	4.021	65	26952	24.465	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.880%
21) 2-Butanone-d5	7.075	46	28221	54.905	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.800%
24) Chloroform-d	7.648	84	124136	26.567	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.280%
26) 1,2-Dichloroethane-d4	8.307	65	65455	27.588	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.360%
32) Benzene-d6	8.270	84	241878	25.511	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.040%
36) 1,2-Dichloropropane-d6	9.276	67	74531	26.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.320%
41) Toluene-d8	10.319	98	219684	25.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.840%
43) trans-1,3-Dichloroprop...	10.575	79	29472	25.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.160%
47) 2-Hexanone-d5	10.922	63	23303	54.812	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58601	28.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	71938	24.640	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	52351	26.270	ug/L	96
3) Chloromethane	2.222	50	59725	25.781	ug/L	99
5) Vinyl chloride	2.375	62	69694	25.452	ug/L	97
6) Bromomethane	2.789	94	40627	23.875	ug/L	92
8) Chloroethane	2.936	64	39358	24.943	ug/L	98
9) Trichlorofluoromethane	3.271	101	55473	23.395	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	53008	23.366	ug/L	98
12) 1,1-Dichloroethene	4.045	96	51627	23.245	ug/L	96
13) Acetone	4.118	43	29254	62.225	ug/L	95
14) Carbon disulfide	4.393	76	177218	25.721	ug/L	99
15) Methyl Acetate	4.667	43	25395	27.705	ug/L	95
16) Methylene chloride	4.917	84	63493	22.182	ug/L	88
17) trans-1,2-Dichloroethene	5.429	96	57408	23.372	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	83504	22.230	ug/L	96
19) 1,1-Dichloroethane	6.216	63	118198	25.896	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	62083	22.868	ug/L	95
22) 2-Butanone	7.173	43	35848	53.287	ug/L	93
23) Bromochloromethane	7.514	128	27445	23.835	ug/L #	91
25) Chloroform	7.679	83	117632	25.196	ug/L	95

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 QLast Update : Thu Aug 29 01:10:06 2024
 Response via : Initial Calibration

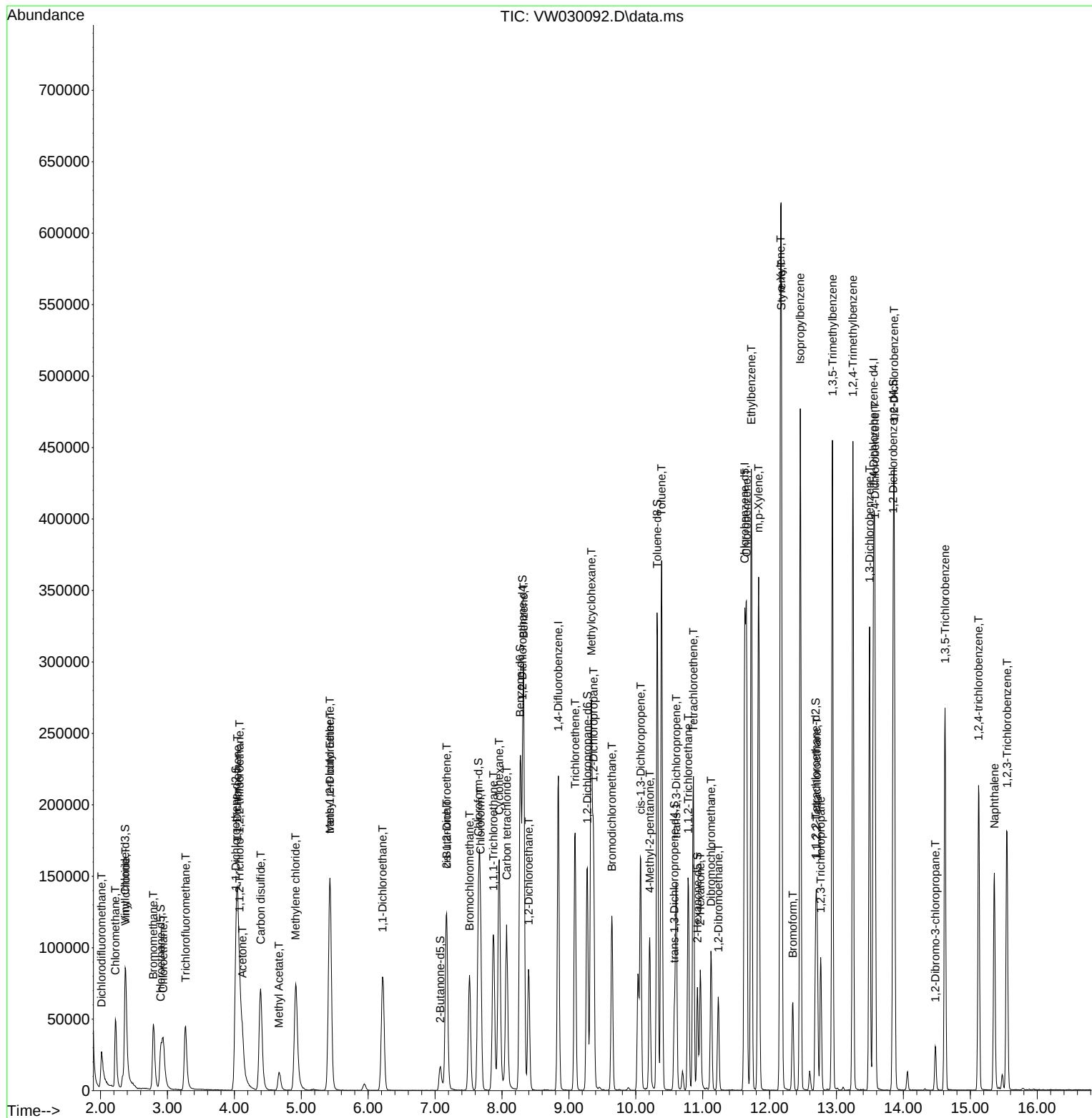
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	76531	25.609	ug/L	96
29) Cyclohexane	7.959	56	92941	23.963	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	91149	24.228	ug/L	98
31) Carbon tetrachloride	8.069	117	82146	24.303	ug/L	97
33) Benzene	8.325	78	251760	24.464	ug/L	100
34) Trichloroethene	9.093	95	64556	23.296	ug/L	96
35) Methylcyclohexane	9.337	83	107279	23.637	ug/L	94
37) 1,2-Dichloropropane	9.368	63	67961	26.078	ug/L	99
38) Bromodichloromethane	9.642	83	81993	24.936	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	96967	24.175	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	71591	55.187	ug/L	94
42) Toluene	10.386	91	270177	24.652	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	81265	25.038	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	45913	24.037	ug/L	95
46) Tetrachloroethene	10.861	164	46453	22.086	ug/L	93
48) 2-Hexanone	10.965	43	53050	57.525	ug/L	91
49) Dibromochloromethane	11.123	129	50878	25.069	ug/L	93
50) 1,2-Dibromoethane	11.233	107	43089	24.150	ug/L	84
51) Chlorobenzene	11.654	112	164106	23.419	ug/L	99
52) Ethylbenzene	11.727	91	301001	24.239	ug/L	97
53) m,p-Xylene	11.837	106	110818	23.913	ug/L	99
54) o-Xylene	12.166	106	103674	23.309	ug/L	98
55) Styrene	12.178	104	185103	24.838	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	55883	25.980	ug/L	99
59) Bromoform	12.349	173	27781	23.112	ug/L	96
60) Isopropylbenzene	12.458	105	286312	22.233	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	39862	24.288	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	229741	23.994	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	232592	23.046	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	120377	21.927	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	126163	22.749	ug/L	100
67) 1,2-Dichlorobenzene	13.861	146	109399	22.277	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	8333	23.719	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	77023	21.490	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	65355	21.068	ug/L	99
71) Naphthalene	15.360	128	122885	20.745	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	57531	21.129	ug/L	97

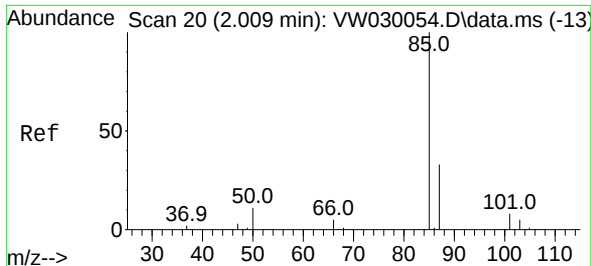
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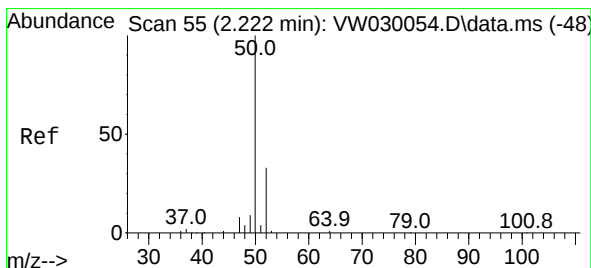
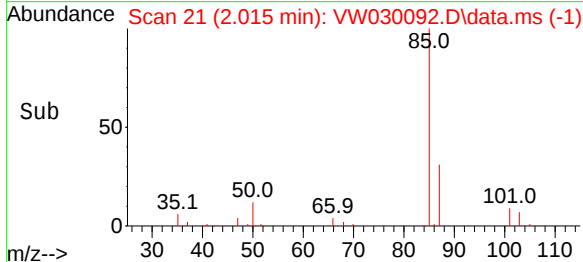
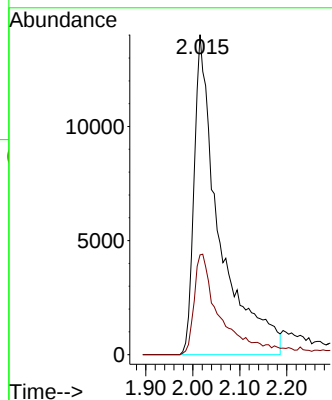
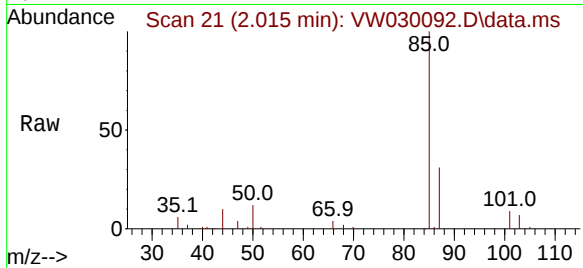




#2
Dichlorodifluoromethane
Concen: 26.270 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

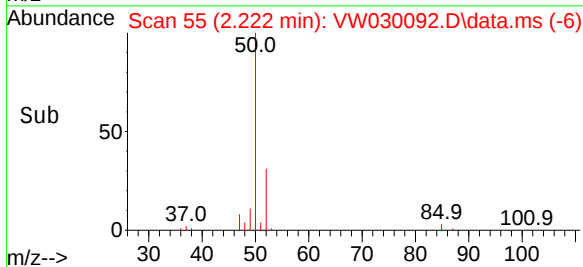
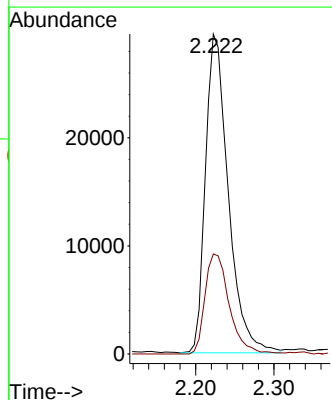
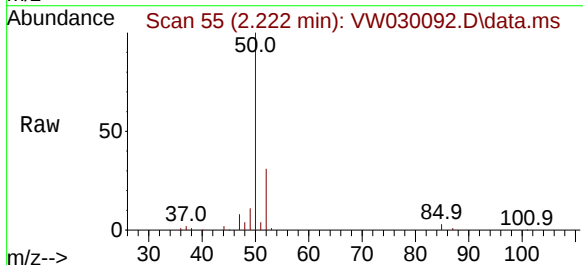
Instrument :
MSVOA_W
ClientSampleId :

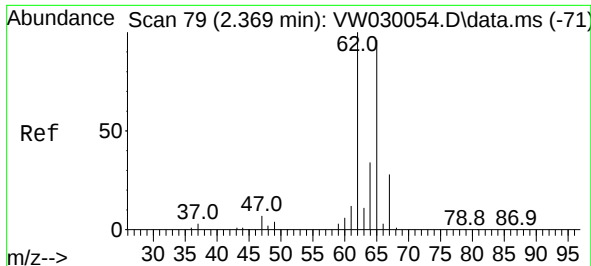
Tgt Ion: 85 Resp: 52351
Ion Ratio Lower Upper
85 100
87 28.1 24.2 36.2



#3
Chloromethane
Concen: 25.781 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Tgt Ion: 50 Resp: 59725
Ion Ratio Lower Upper
50 100
52 31.2 21.6 40.2

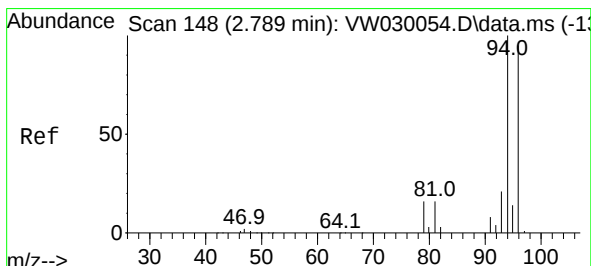
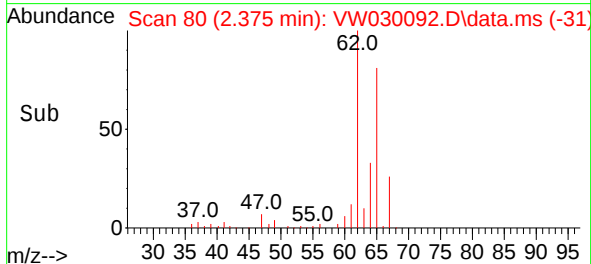
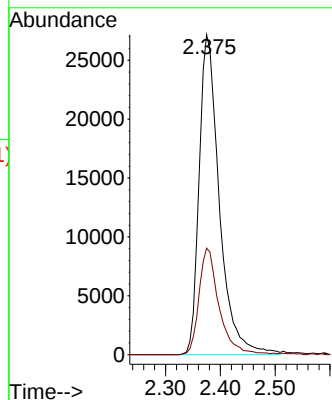
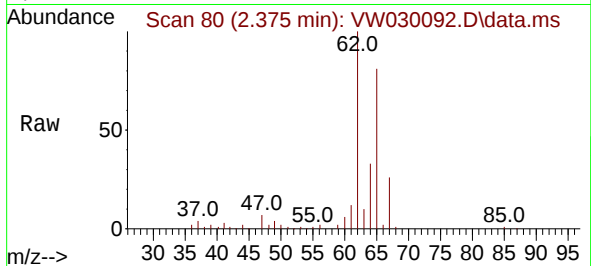




#5
 Vinyl chloride
 Concen: 25.452 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030092.D
 Acq: 29 Aug 2024 11:24

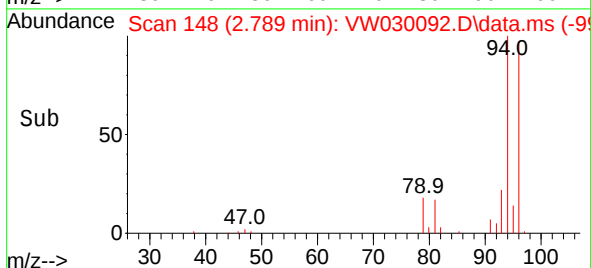
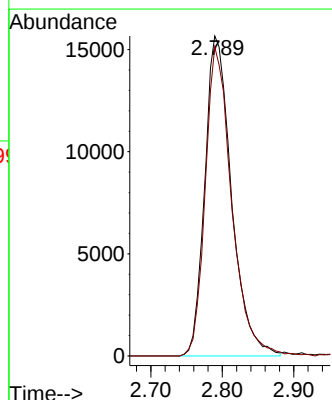
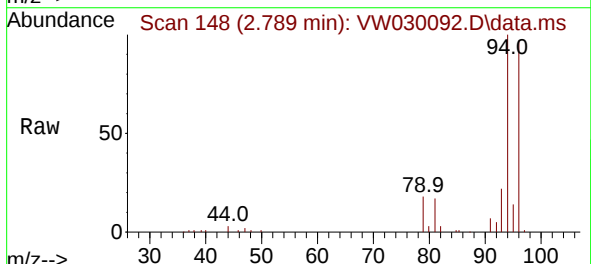
Instrument :
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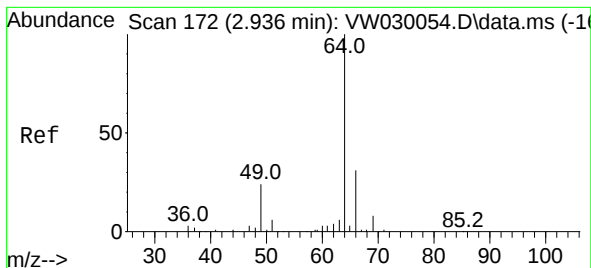
Tgt Ion: 62 Resp: 69694
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.4 45.4



#6
 Bromomethane
 Concen: 23.875 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030092.D
 Acq: 29 Aug 2024 11:24

Tgt Ion: 94 Resp: 40627
 Ion Ratio Lower Upper
 94 100
 96 96.6 62.4 115.8





#8

Chloroethane

Concen: 24.943 ug/L

RT: 2.936 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

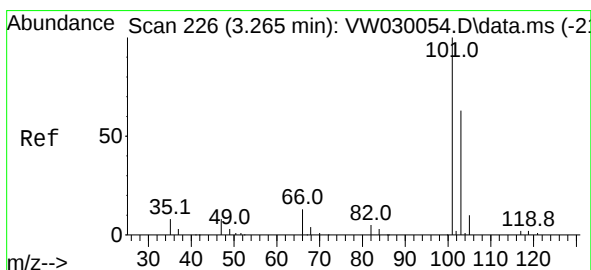
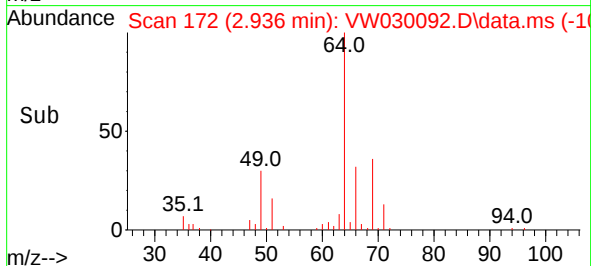
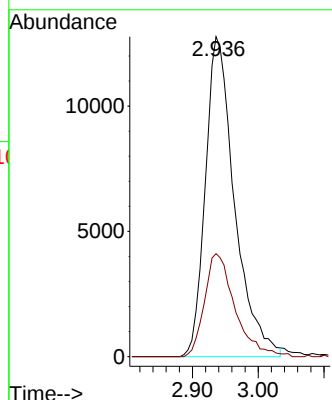
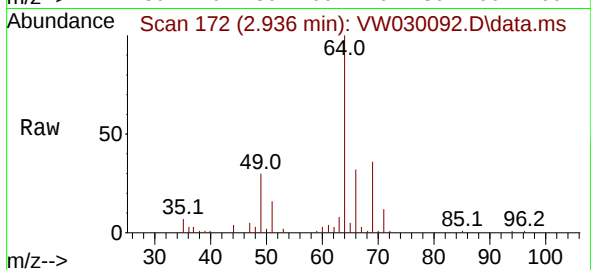
ClientSampleId :

Tgt Ion: 64 Resp: 39358

Ion Ratio Lower Upper

64 100

66 32.2 21.7 40.3



#9

Trichlorofluoromethane

Concen: 23.395 ug/L

RT: 3.271 min Scan# 227

Delta R.T. 0.000 min

Lab File: VW030092.D

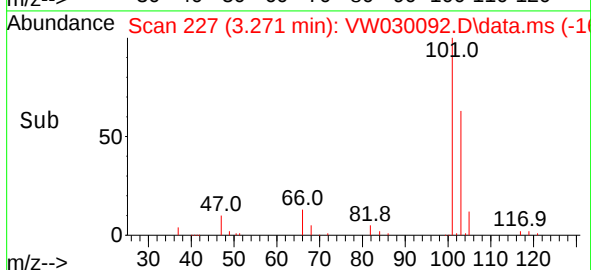
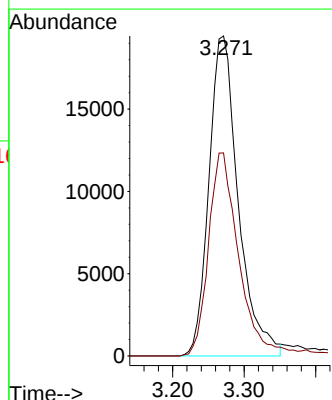
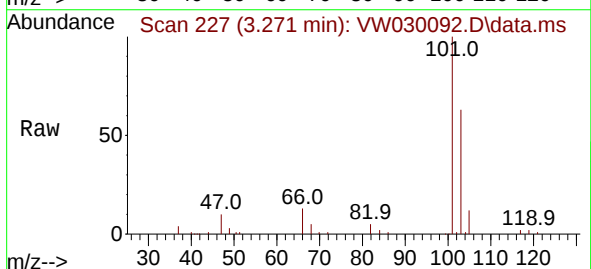
Acq: 29 Aug 2024 11:24

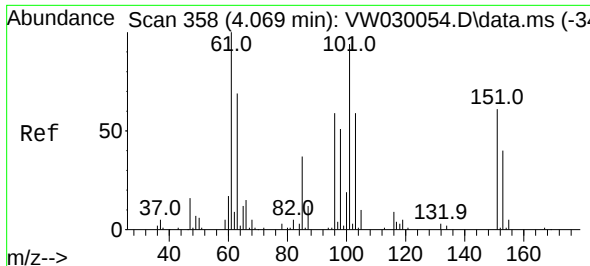
Tgt Ion:101 Resp: 55473

Ion Ratio Lower Upper

101 100

103 65.2 50.7 76.1





#10

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

Concen: 23.366 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.012 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

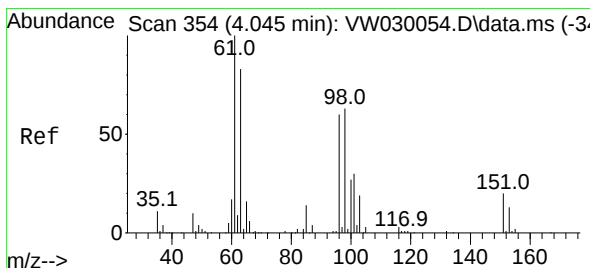
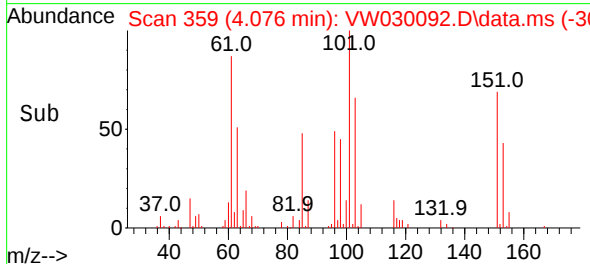
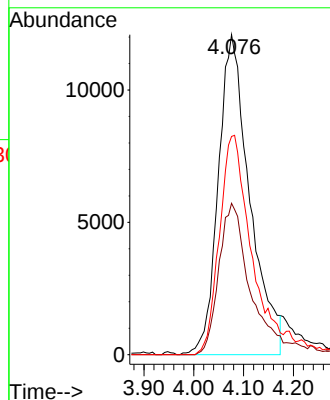
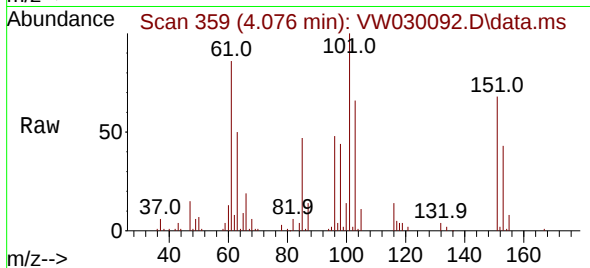
Tgt Ion:101 Resp: 53008

Ion Ratio Lower Upper

101 100

85 46.2 34.7 52.1

151 68.6 54.8 82.2



#12

1,1-Dichloroethene

Concen: 23.245 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

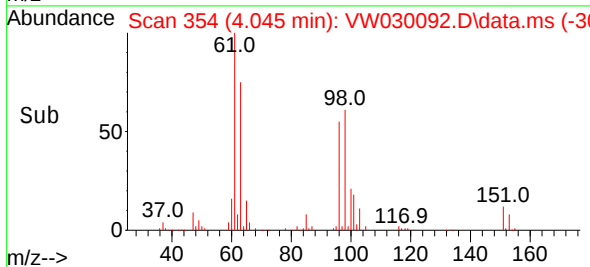
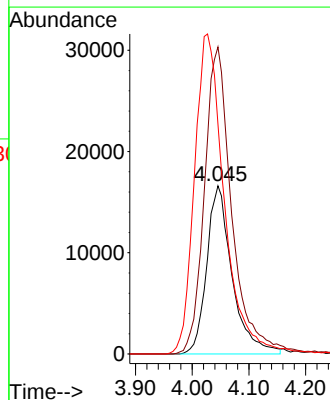
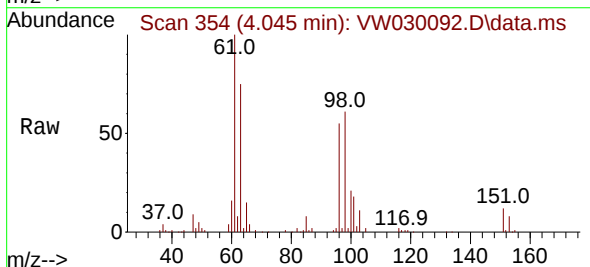
Tgt Ion: 96 Resp: 51627

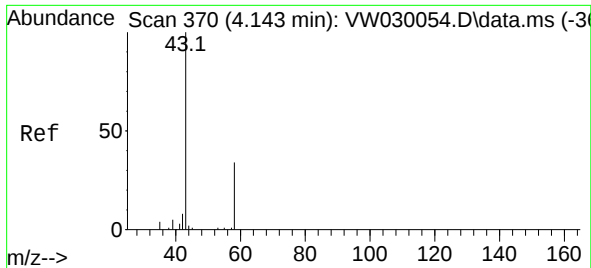
Ion Ratio Lower Upper

96 100

61 182.6 126.0 234.0

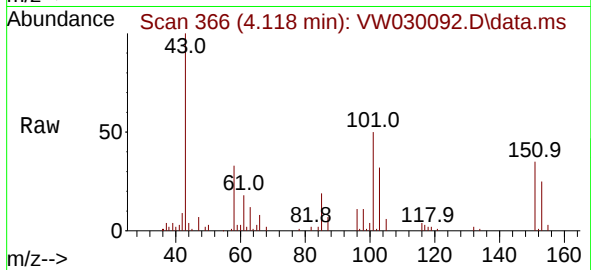
63 136.6 101.8 189.2



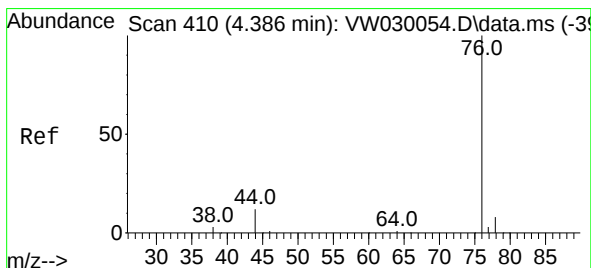
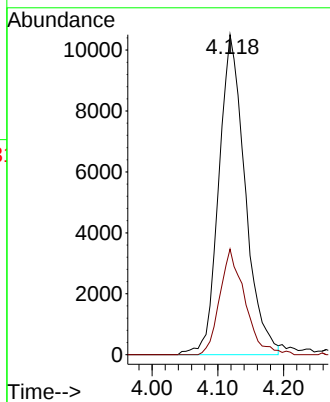
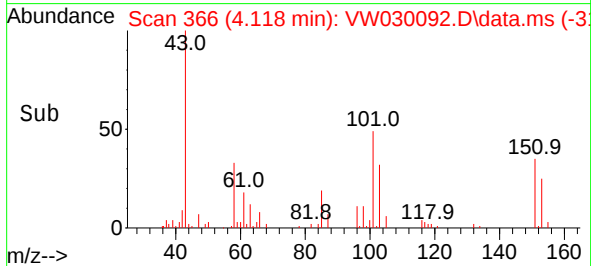


#13
Acetone
Concen: 62.225 ug/L
RT: 4.118 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW030092.D
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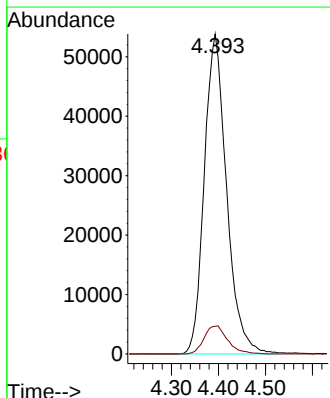
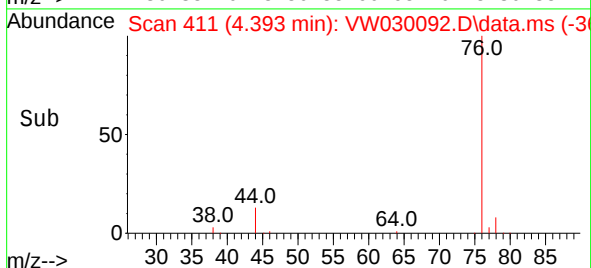
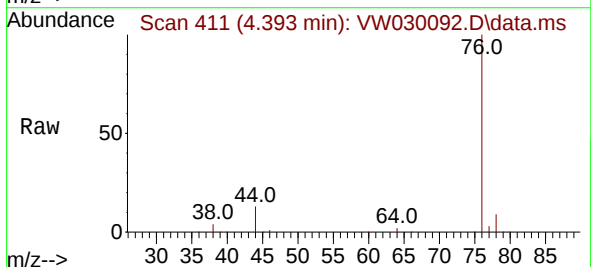


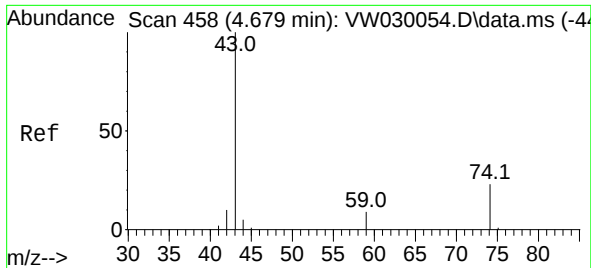
Tgt Ion: 43 Resp: 29254
Ion Ratio Lower Upper
43 100
58 30.6 0.0 66.4



#14
Carbon disulfide
Concen: 25.721 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030092.D
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Tgt Ion: 76 Resp: 177218
Ion Ratio Lower Upper
76 100
78 8.7 6.6 9.8

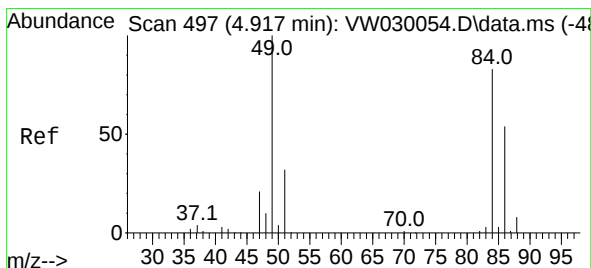
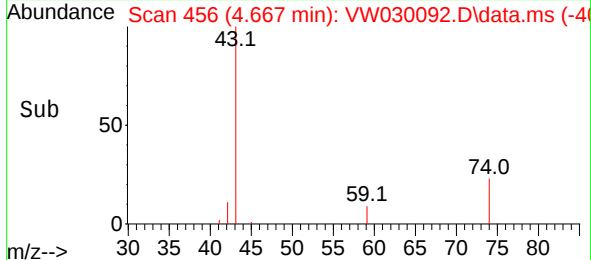
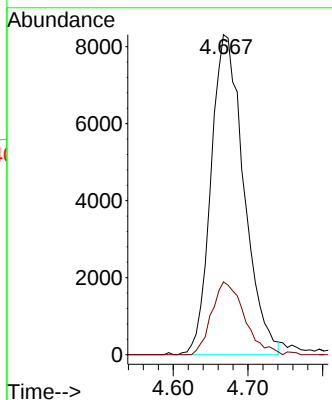
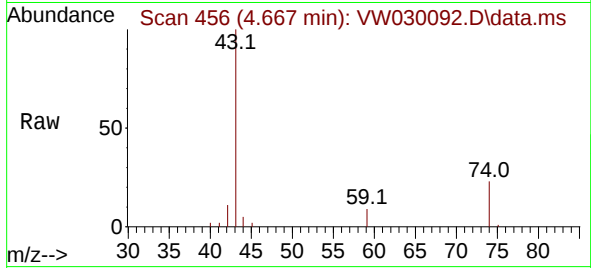




#15
Methyl Acetate
Concen: 27.705 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

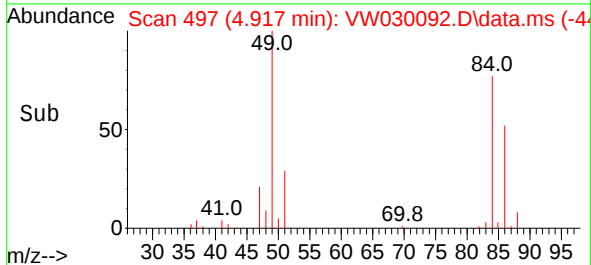
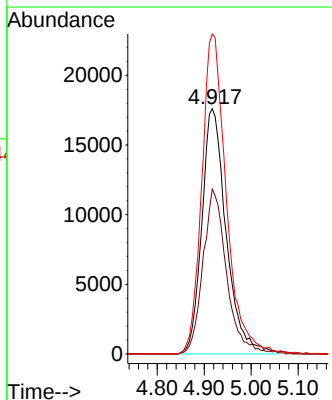
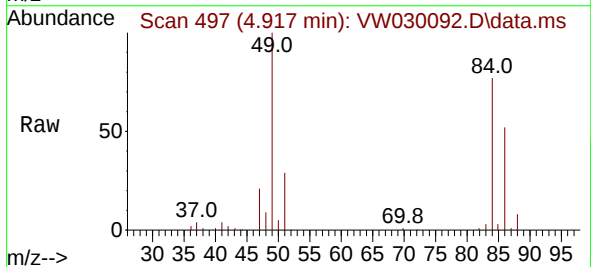
Instrument :
MSVOA_W
ClientSampleId :

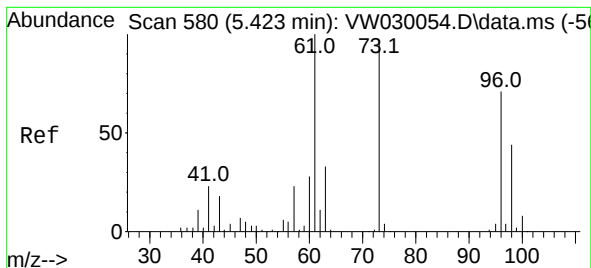
Tgt Ion: 43 Resp: 25395
Ion Ratio Lower Upper
43 100
74 22.5 19.9 29.9



#16
Methylene chloride
Concen: 22.182 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Tgt Ion: 84 Resp: 63493
Ion Ratio Lower Upper
84 100
86 67.2 44.2 82.2
49 130.5 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 23.372 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

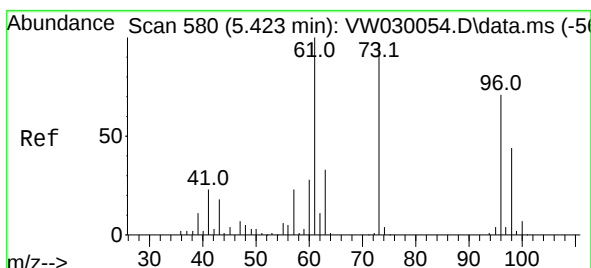
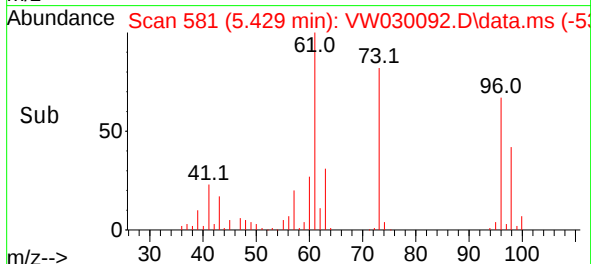
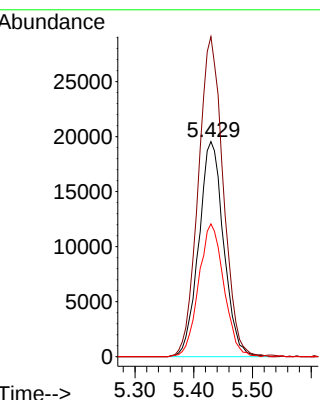
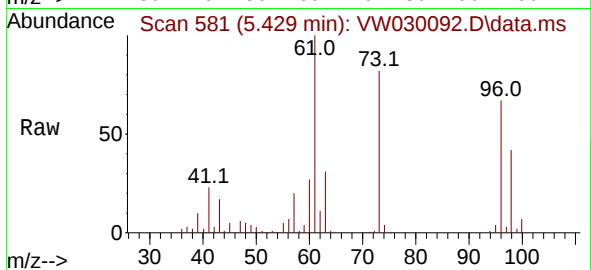
Tgt Ion: 96 Resp: 57408

Ion Ratio Lower Upper

96 100

61 148.8 98.3 182.7

98 61.8 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 22.230 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

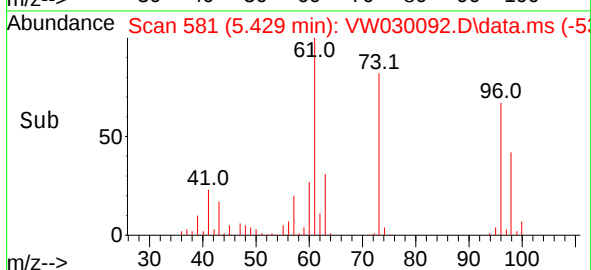
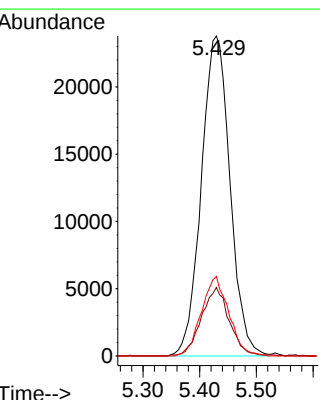
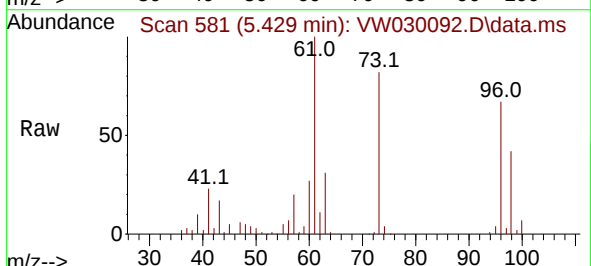
Tgt Ion: 73 Resp: 83504

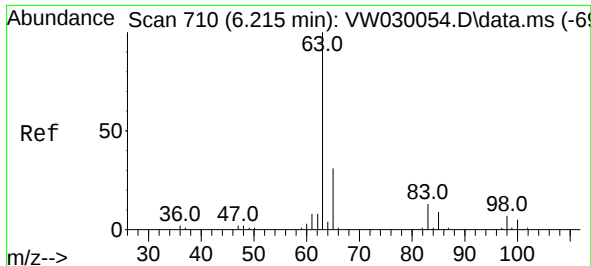
Ion Ratio Lower Upper

73 100

43 20.7 15.4 23.2

57 23.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 25.896 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

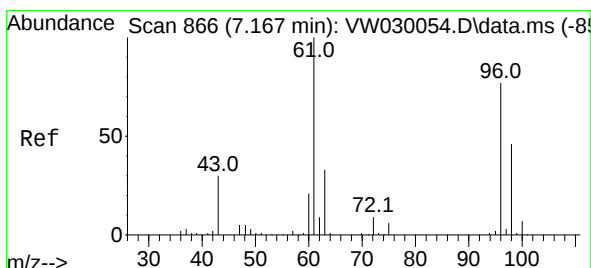
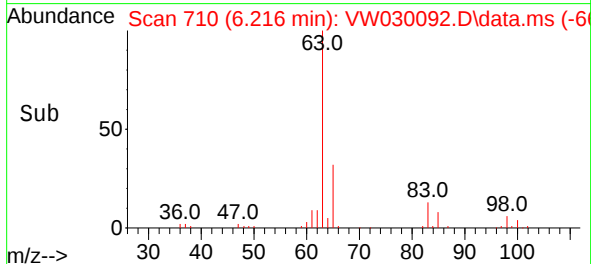
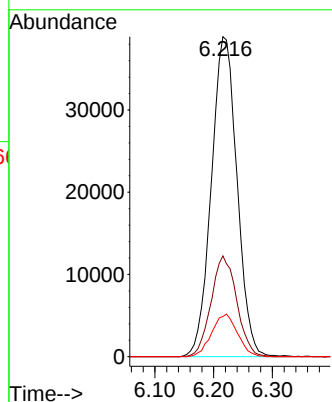
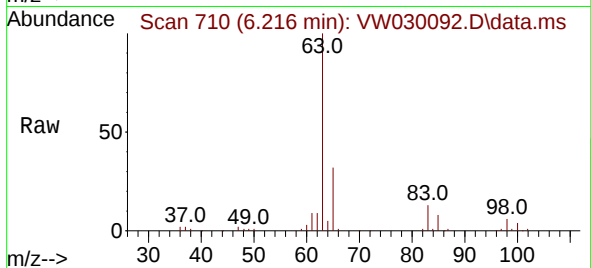
Tgt Ion: 63 Resp: 118198

Ion Ratio Lower Upper

63 100

65 31.5 21.6 40.0

83 12.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 22.868 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

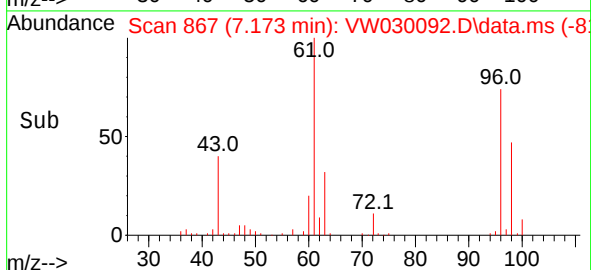
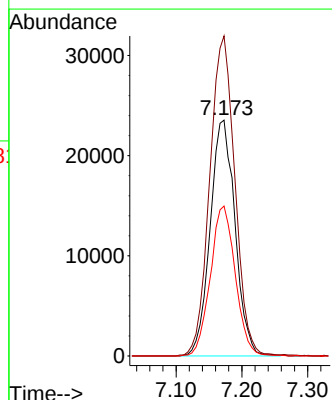
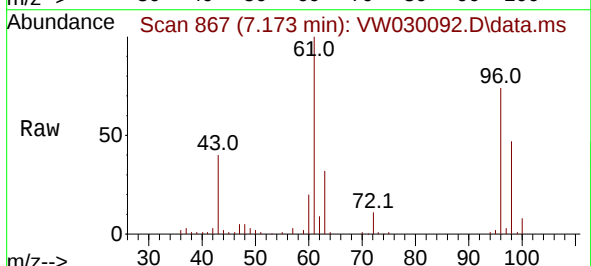
Tgt Ion: 96 Resp: 62083

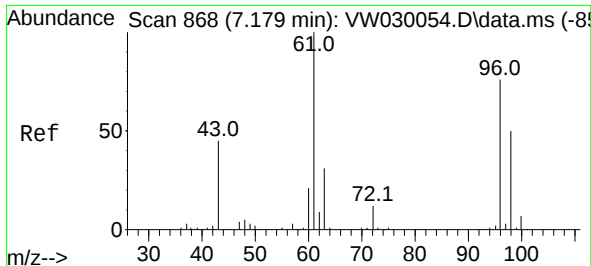
Ion Ratio Lower Upper

96 100

61 135.7 99.6 185.0

98 63.6 46.5 86.5

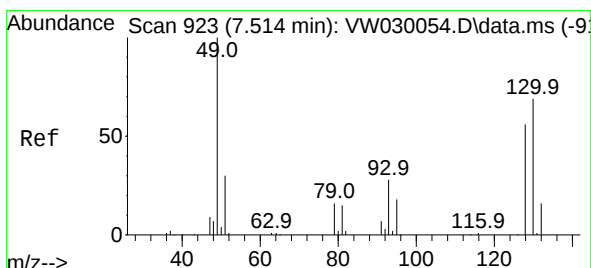
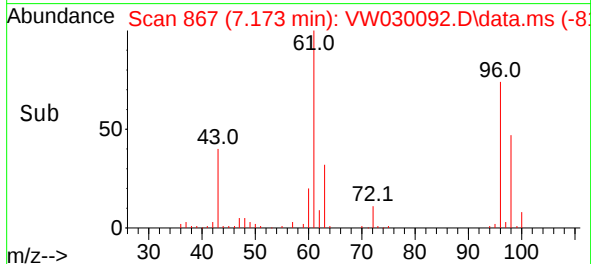
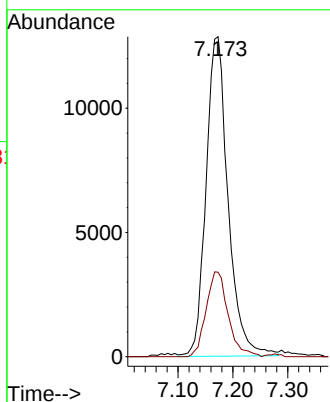
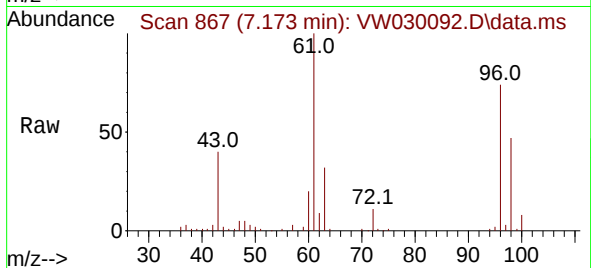




#22
2-Butanone
Concen: 53.287 ug/L
RT: 7.173 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

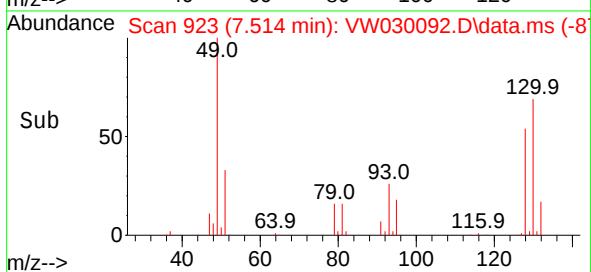
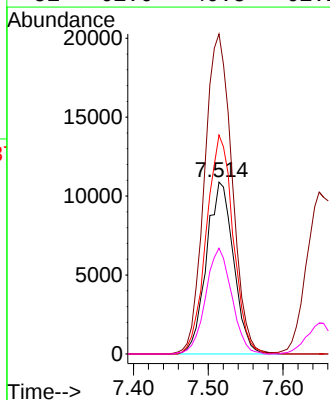
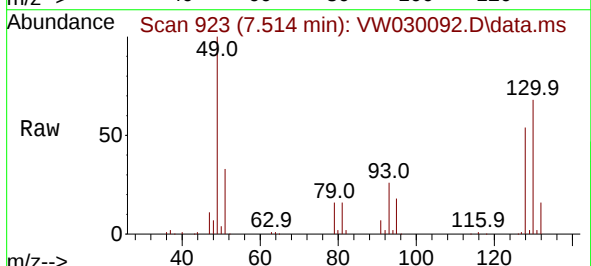
Instrument :
MSVOA_W
ClientSampleId :

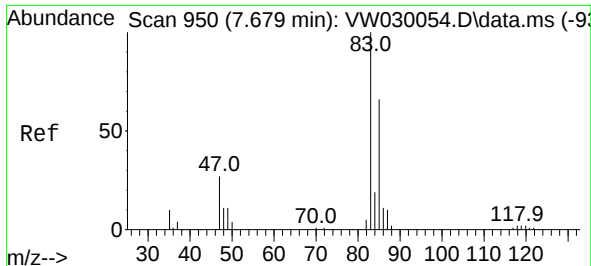
Tgt Ion: 43 Resp: 35848
Ion Ratio Lower Upper
43 100
72 26.5 15.0 45.1



#23
Bromochloromethane
Concen: 23.835 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Tgt Ion: 128 Resp: 27445
Ion Ratio Lower Upper
128 100
49 186.2 117.3 217.9
130 127.3 89.3 165.9
51 61.6 40.8 61.2#





#25

Chloroform

Concen: 25.196 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.006 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

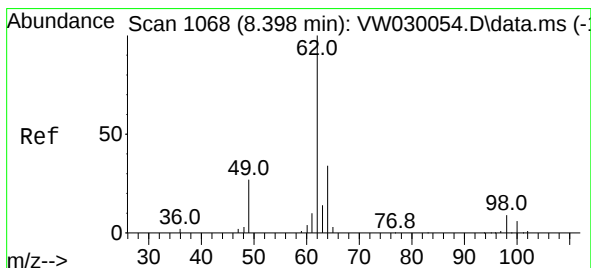
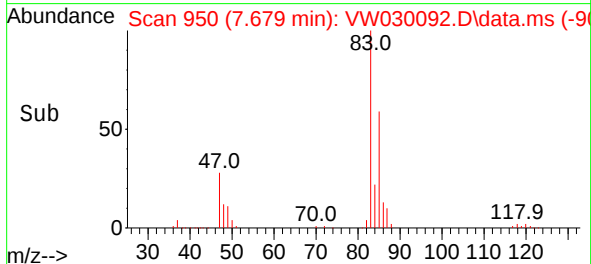
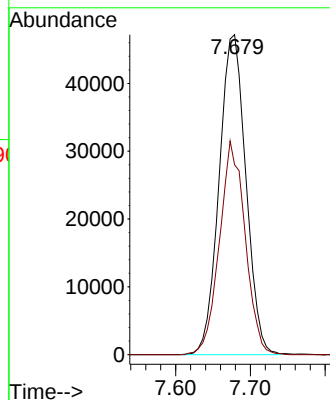
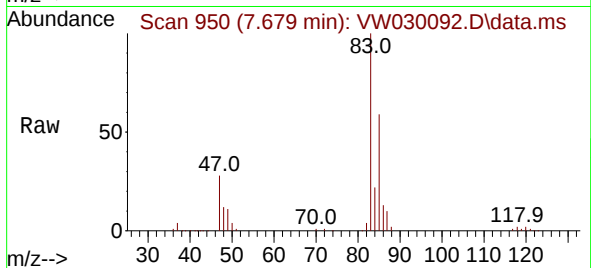
ClientSampleId :

Tgt Ion: 83 Resp: 117632

Ion Ratio Lower Upper

83 100

85 59.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 25.609 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030092.D

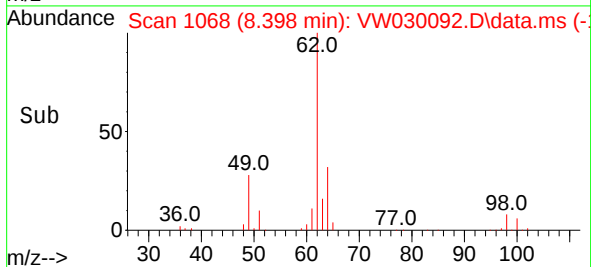
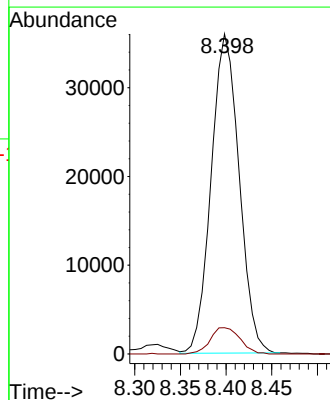
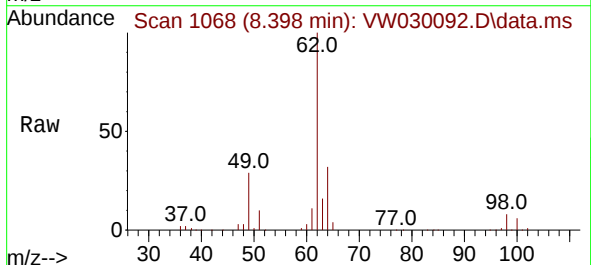
Acq: 29 Aug 2024 11:24

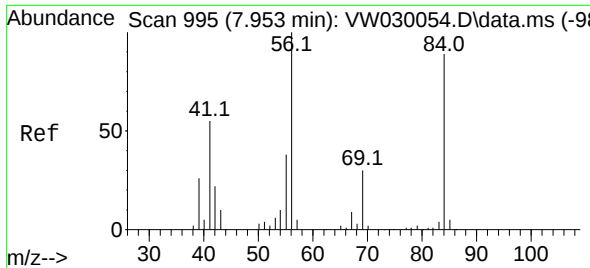
Tgt Ion: 62 Resp: 76531

Ion Ratio Lower Upper

62 100

98 8.2 7.7 11.5





#29

Cyclohexane

Concen: 23.963 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

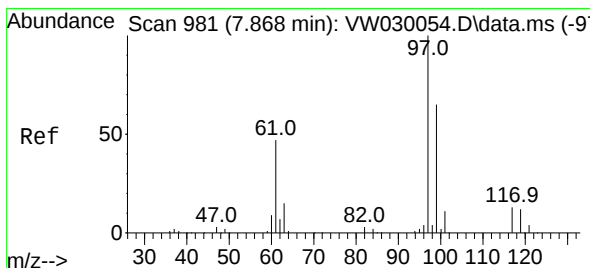
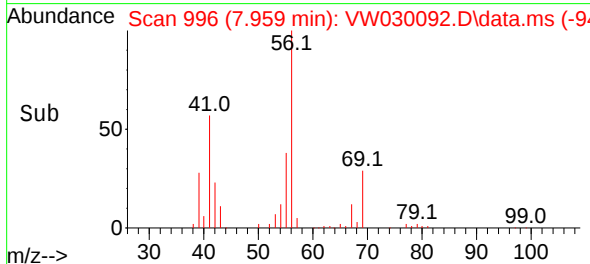
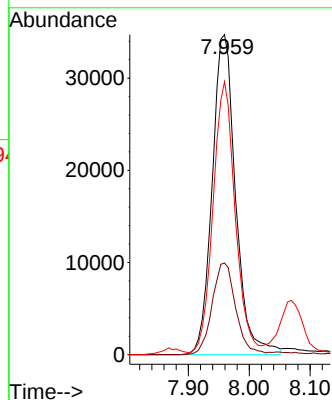
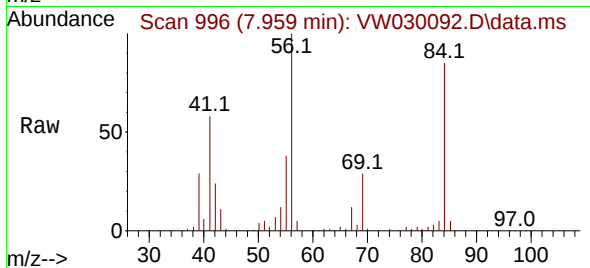
Tgt Ion: 56 Resp: 92941

Ion Ratio Lower Upper

56 100

69 28.7 24.4 36.6

84 80.9 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 24.228 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

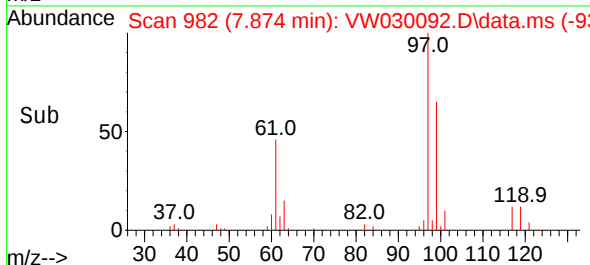
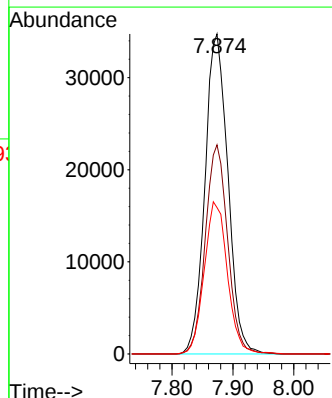
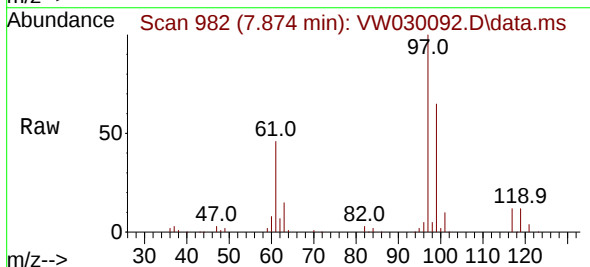
Tgt Ion: 97 Resp: 91149

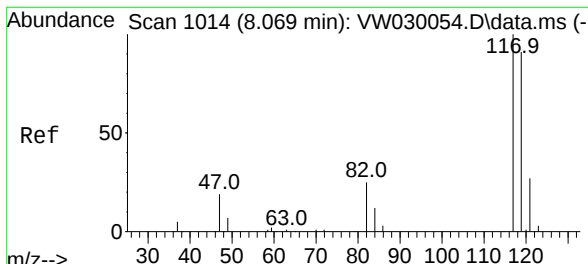
Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

61 48.0 37.2 55.8

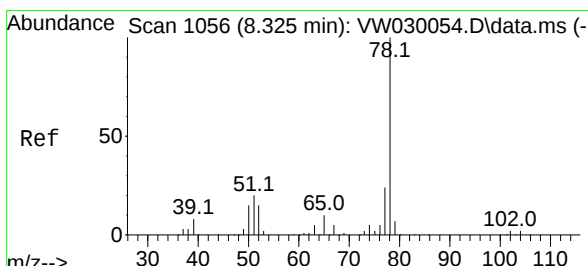
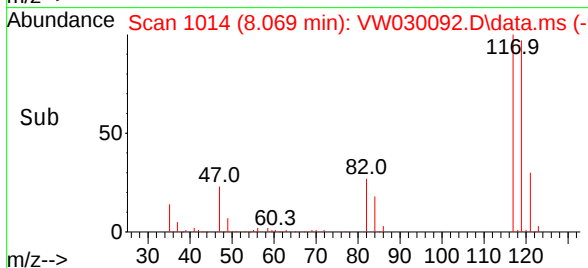
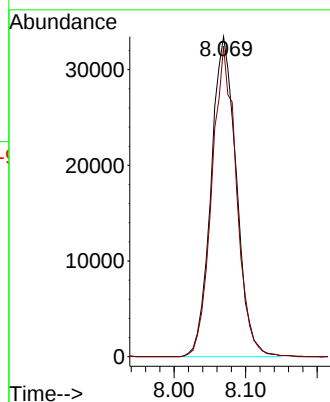
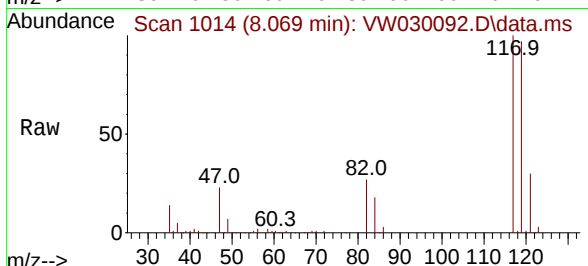




#31
Carbon tetrachloride
Concen: 24.303 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

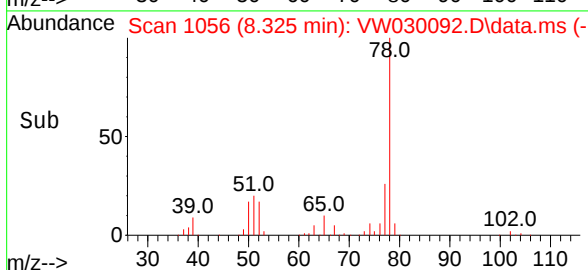
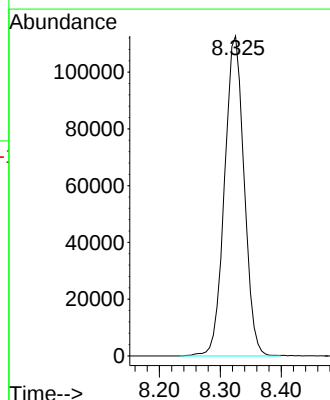
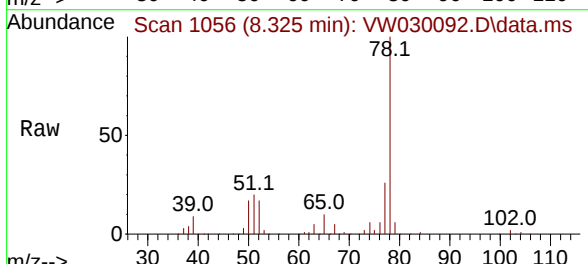
Instrument :
MSVOA_W
ClientSampleId :

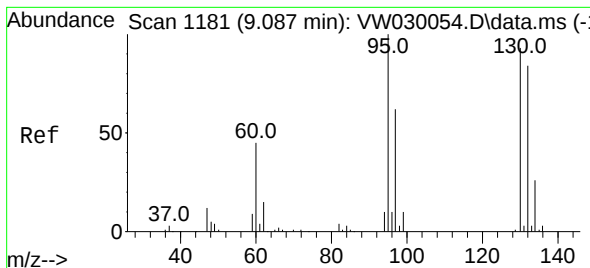
Tgt Ion:117 Resp: 82146
Ion Ratio Lower Upper
117 100
119 94.3 77.7 116.5



#33
Benzene
Concen: 24.464 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Tgt Ion: 78 Resp: 251760





#34

Trichloroethene

Concen: 23.296 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 64556

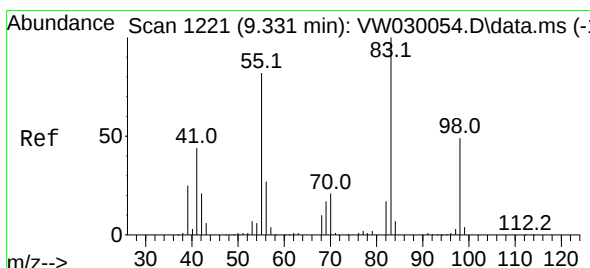
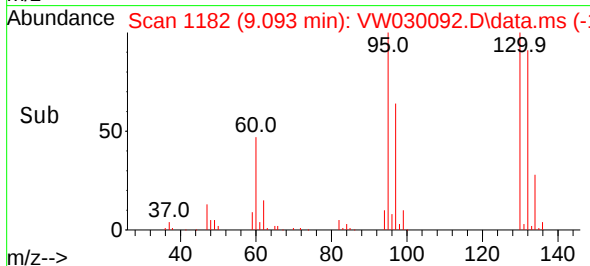
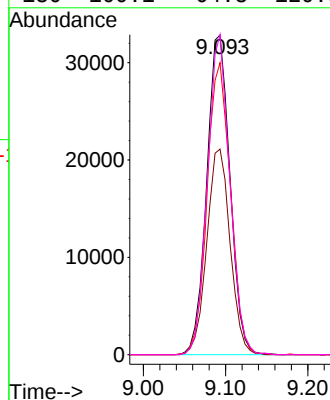
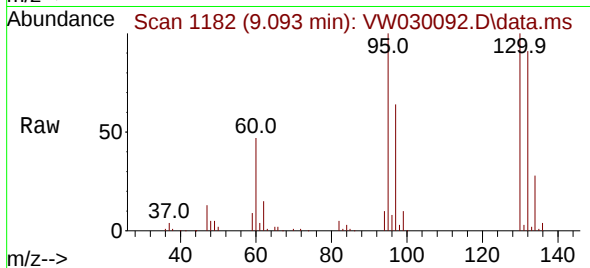
Ion Ratio Lower Upper

95 100

97 64.3 43.3 80.5

132 91.4 63.6 118.0

130 100.1 64.8 120.3



#35

Methylcyclohexane

Concen: 23.637 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

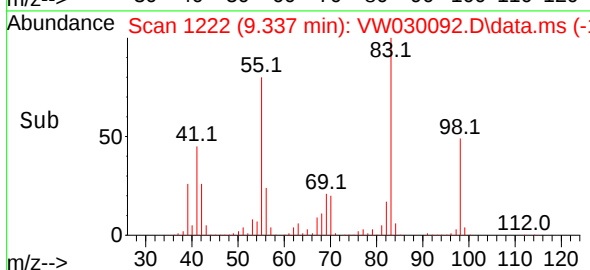
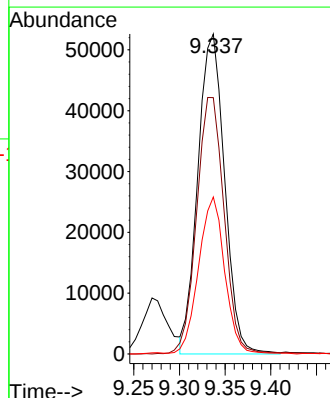
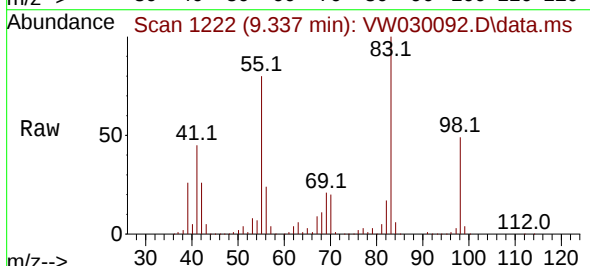
Tgt Ion: 83 Resp: 107279

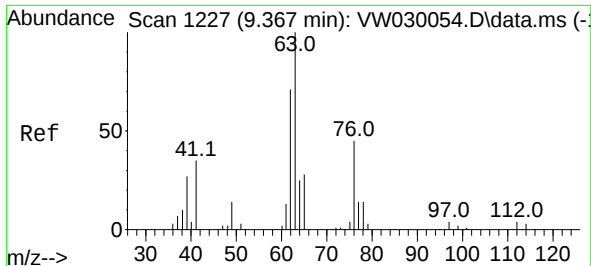
Ion Ratio Lower Upper

83 100

55 82.1 59.0 88.6

98 47.8 38.2 57.4





#37

1,2-Dichloropropane

Concen: 26.078 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

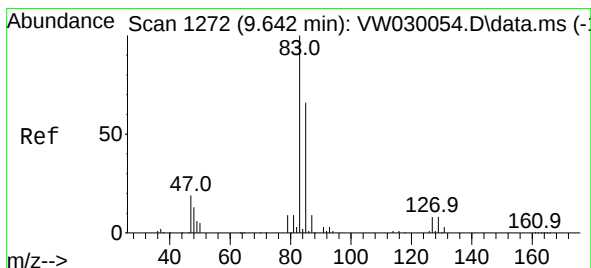
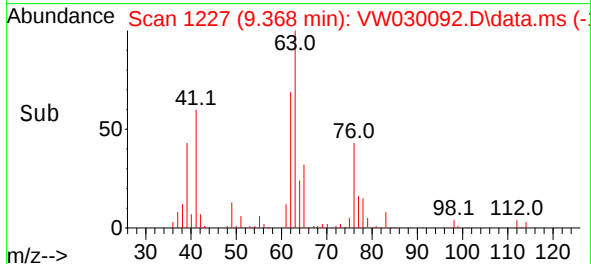
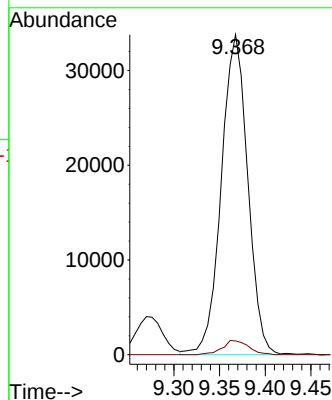
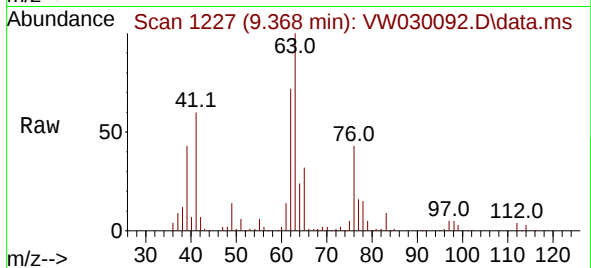
ClientSampleId :

Tgt Ion: 63 Resp: 67961

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 24.936 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

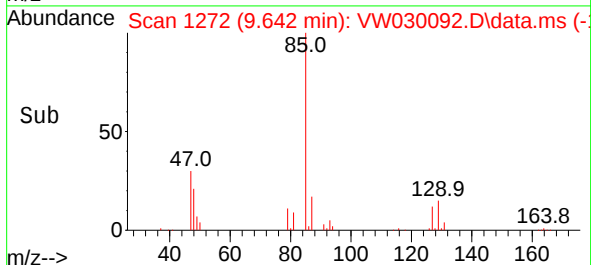
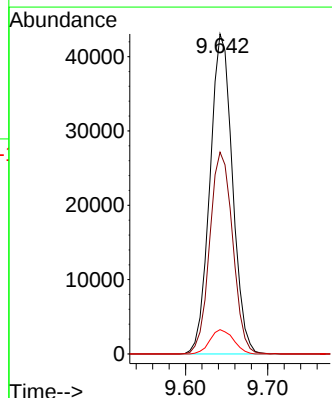
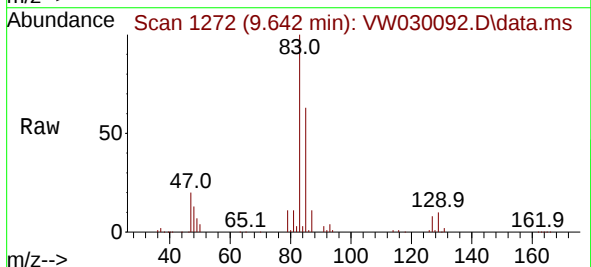
Tgt Ion: 83 Resp: 81993

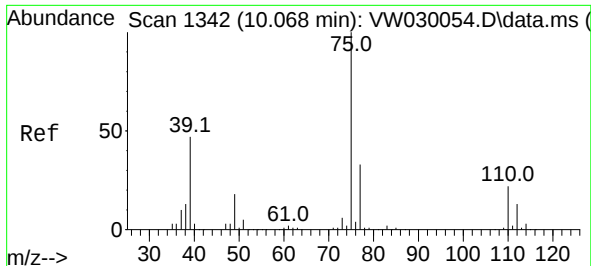
Ion Ratio Lower Upper

83 100

85 63.1 42.9 79.7

127 7.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 24.175 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

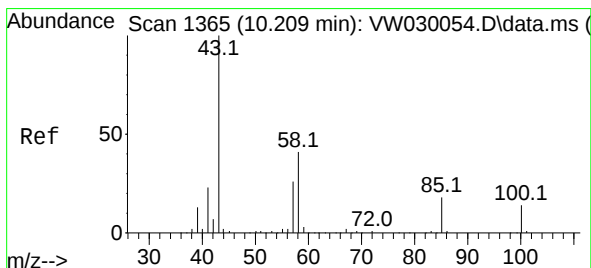
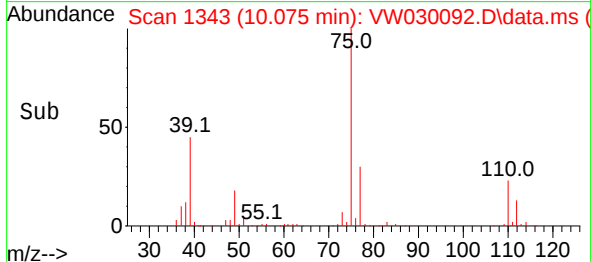
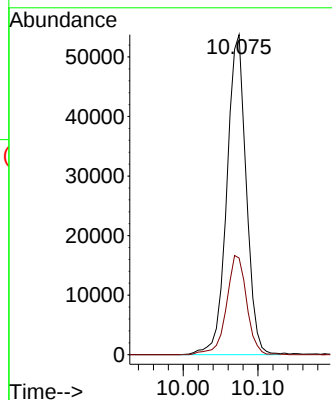
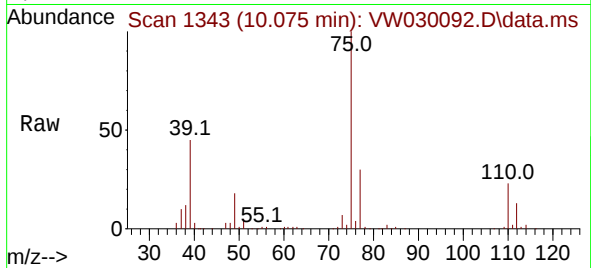
ClientSampleId :

Tgt Ion: 75 Resp: 96967

Ion Ratio Lower Upper

75 100

77 30.2 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 55.187 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

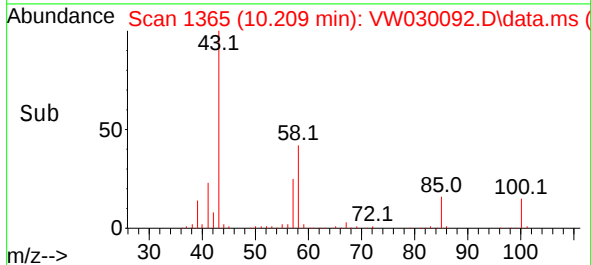
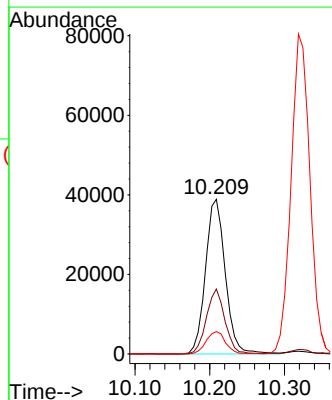
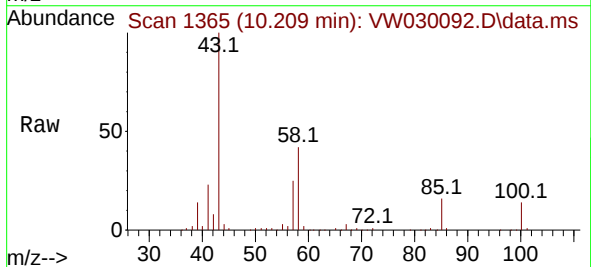
Tgt Ion: 43 Resp: 71591

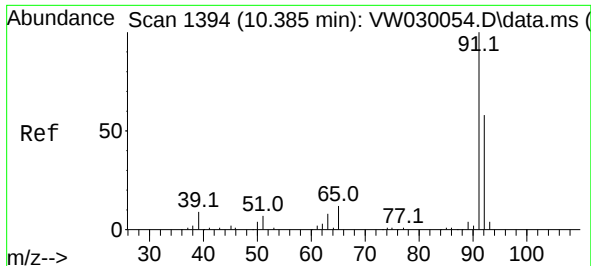
Ion Ratio Lower Upper

43 100

58 39.2 34.0 51.0

100 14.2 13.5 20.3

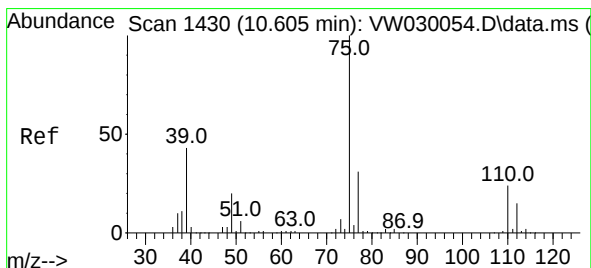
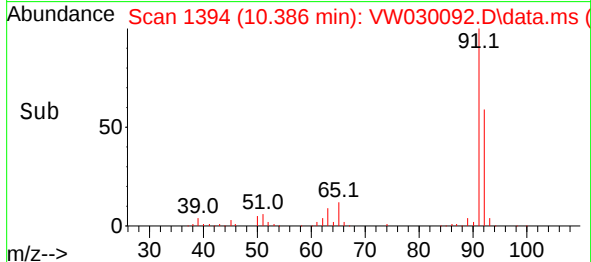
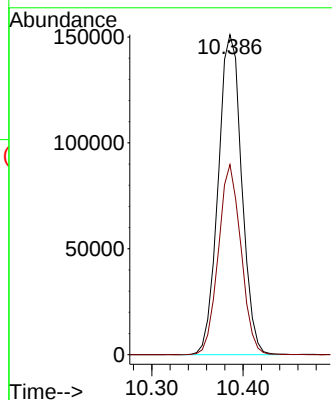
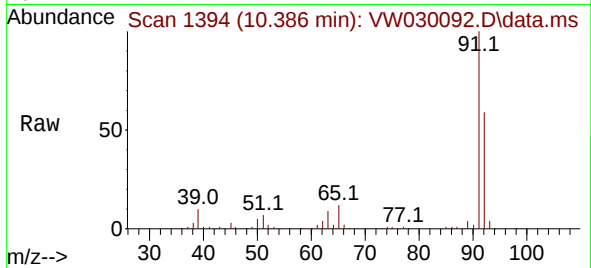




#42
Toluene
Concen: 24.652 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

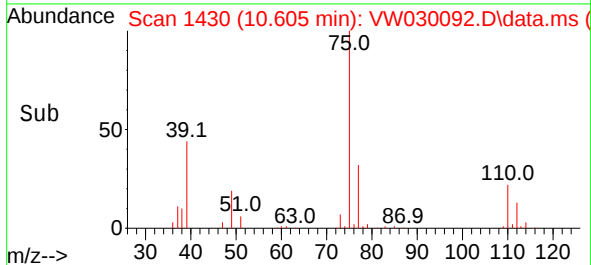
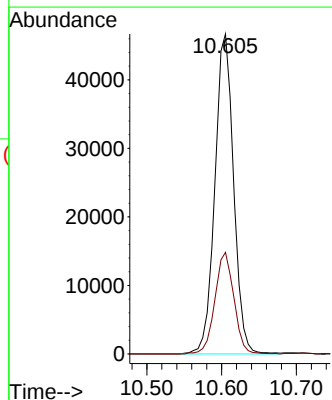
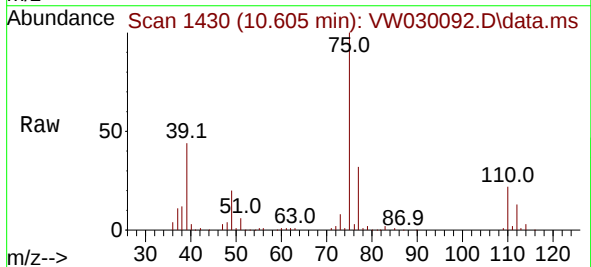
Instrument :
MSVOA_W
ClientSampleId :

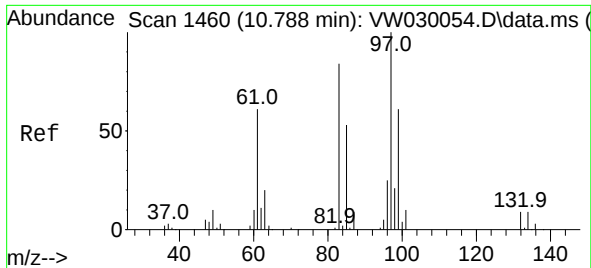
Tgt Ion: 91 Resp: 270177
Ion Ratio Lower Upper
91 100
92 59.4 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 25.038 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Tgt Ion: 75 Resp: 81265
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.037 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 45913

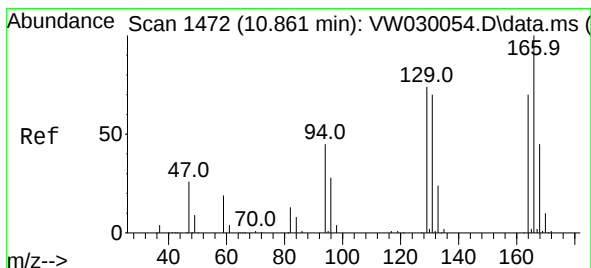
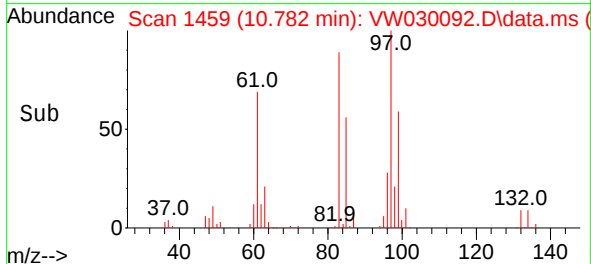
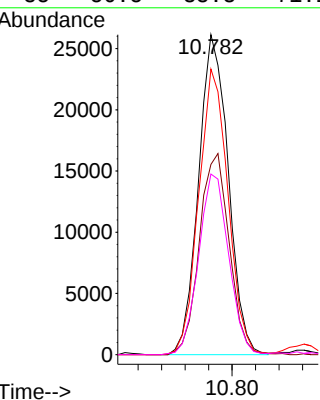
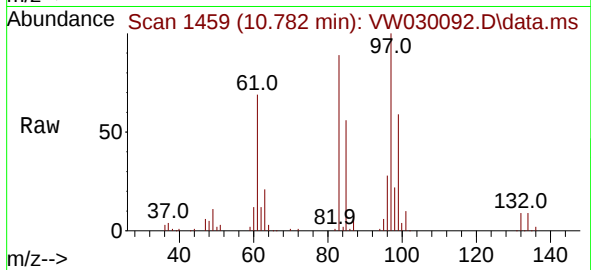
Ion Ratio Lower Upper

97 100

99 59.5 40.3 74.8

83 89.3 58.0 107.6

85 56.5 38.3 71.1



#46

Tetrachloroethene

Concen: 22.086 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Tgt Ion:164 Resp: 46453

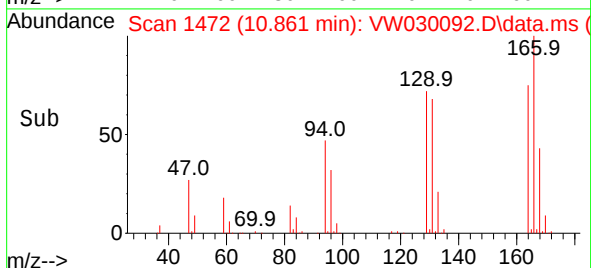
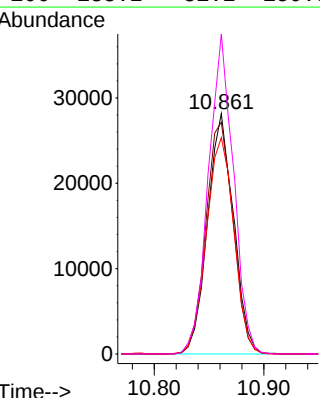
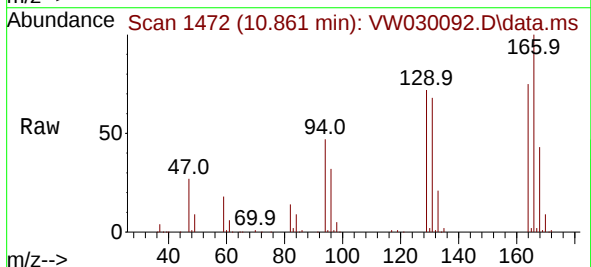
Ion Ratio Lower Upper

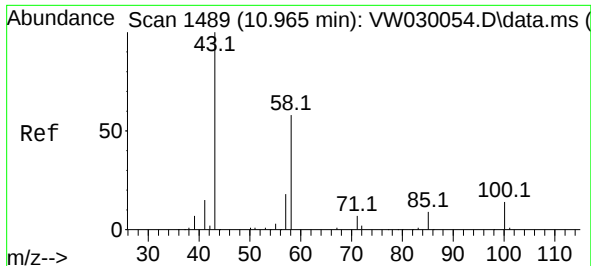
164 100

129 96.4 66.1 122.7

131 90.0 62.6 116.2

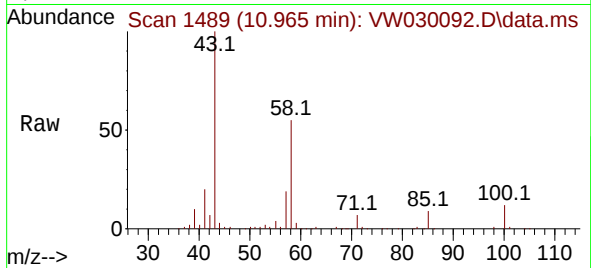
166 133.2 81.2 150.8



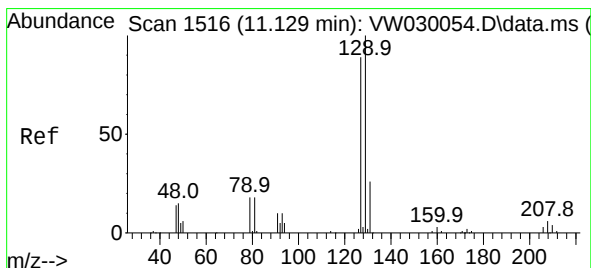
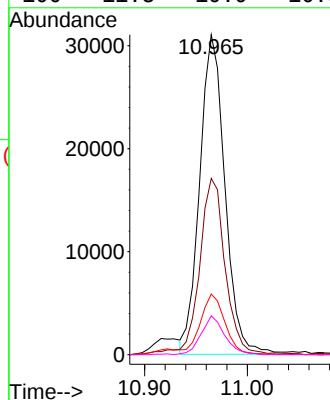
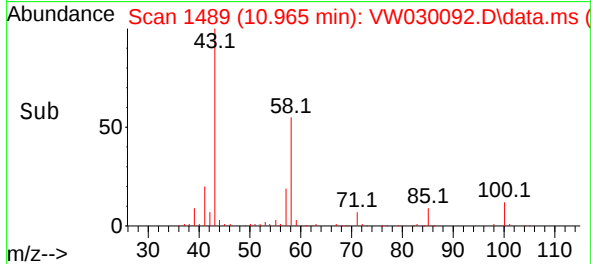


#48
2-Hexanone
Concen: 57.525 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Instrument :
MSVOA_W
ClientSampleId :

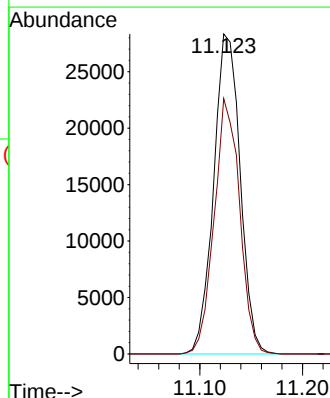
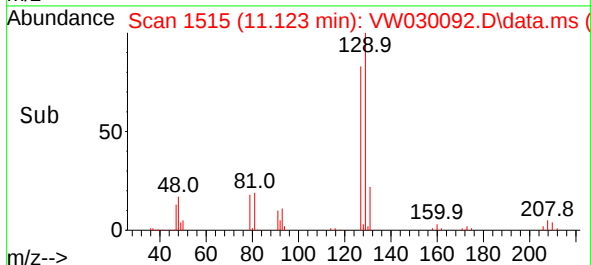
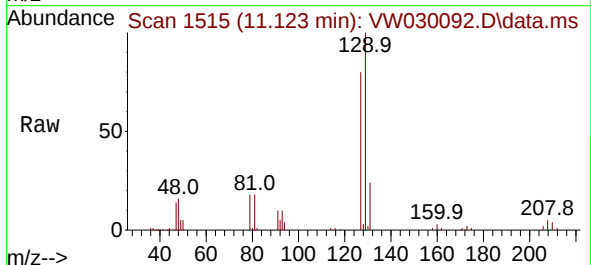


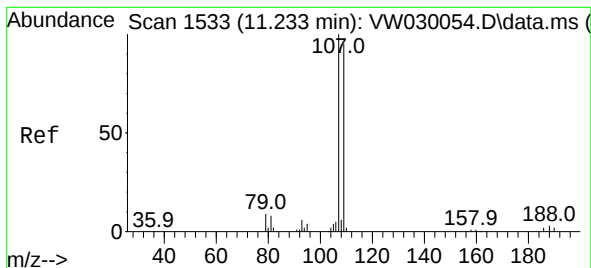
Tgt Ion: 43 Resp: 53050
Ion Ratio Lower Upper
43 100
58 54.4 50.0 75.0
57 18.5 17.3 25.9
100 11.3 10.9 16.3



#49
Dibromochloromethane
Concen: 25.069 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Tgt Ion:129 Resp: 50878
Ion Ratio Lower Upper
129 100
127 79.8 51.8 96.2





#50

1,2-Dibromoethane

Concen: 24.150 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030092.D

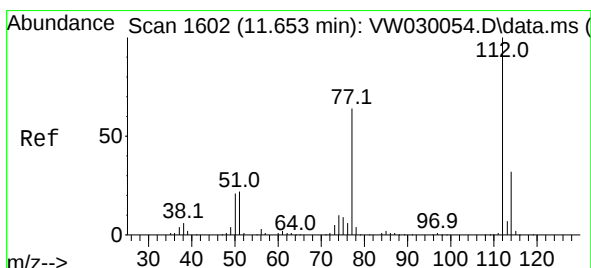
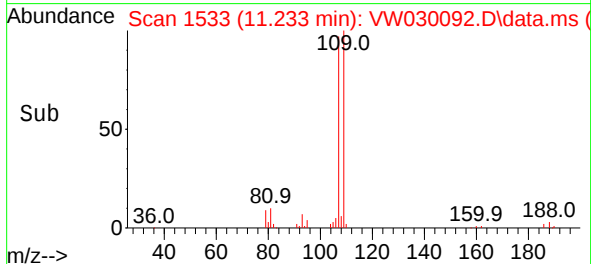
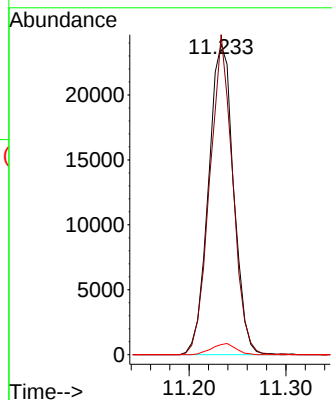
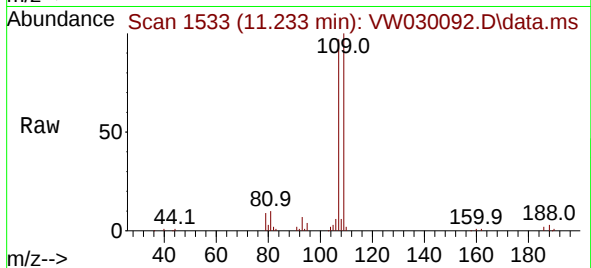
Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	43089
Ion	Ratio	Lower	Upper
107	100		
109	103.1	61.7	114.5
188	3.3	3.1	4.7



#51

Chlorobenzene

Concen: 23.419 ug/L

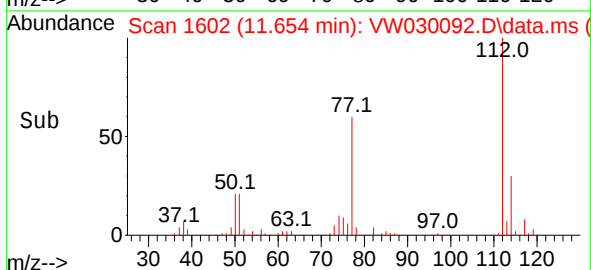
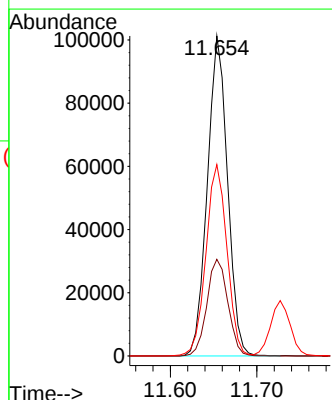
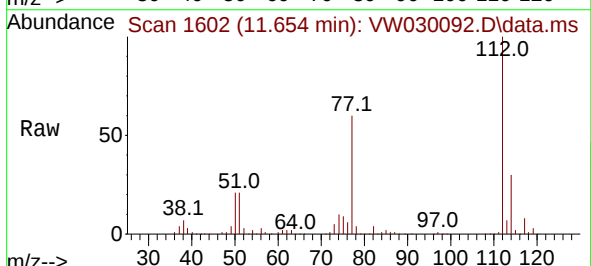
RT: 11.654 min Scan# 1602

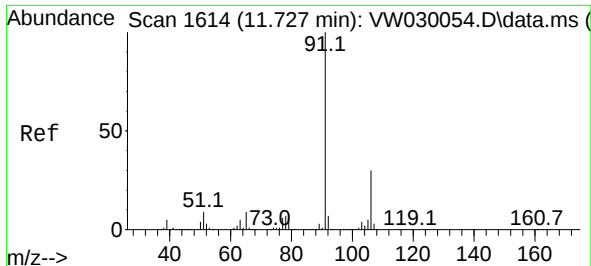
Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Tgt Ion:	112	Resp:	164106
Ion	Ratio	Lower	Upper
112	100		
114	30.2	20.9	38.9
77	59.8	47.1	70.7





#52

Ethylbenzene

Concen: 24.239 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

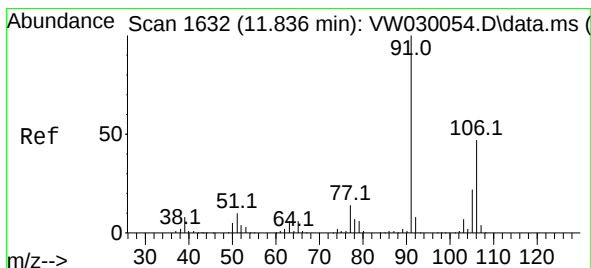
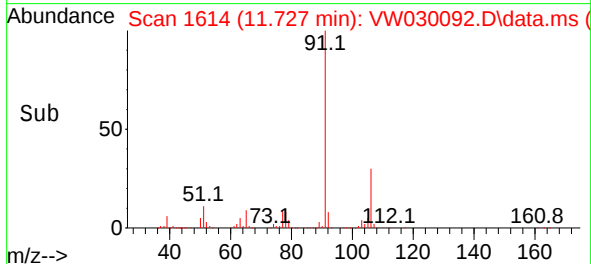
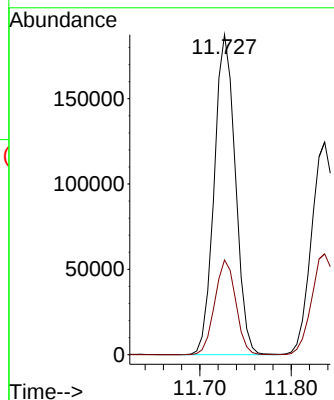
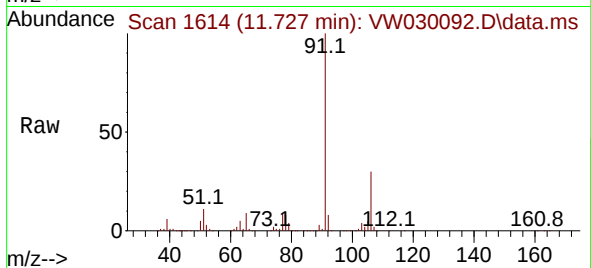
ClientSampleId :

Tgt Ion: 91 Resp: 301001

Ion Ratio Lower Upper

91 100

106 29.6 22.0 41.0



#53

m,p-Xylene

Concen: 23.913 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030092.D

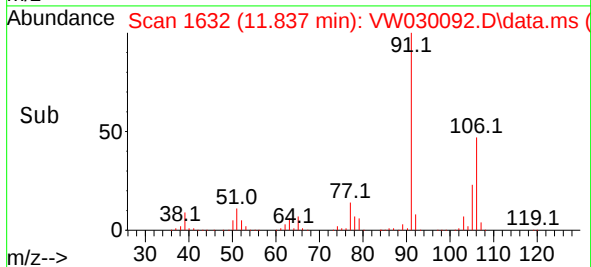
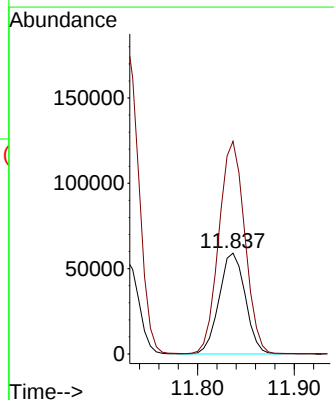
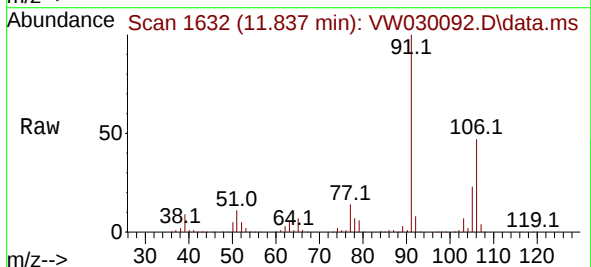
Acq: 29 Aug 2024 11:24

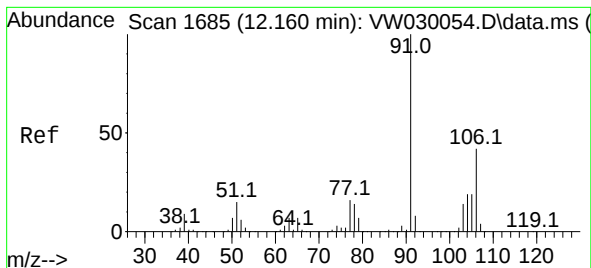
Tgt Ion:106 Resp: 110818

Ion Ratio Lower Upper

106 100

91 211.1 146.7 272.4





#54

o-Xylene

Concen: 23.309 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

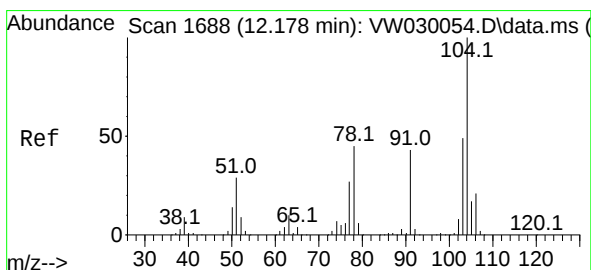
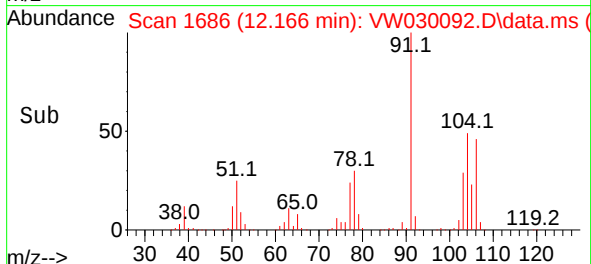
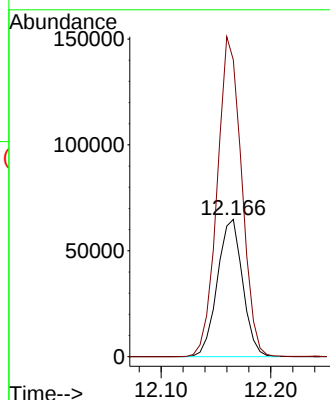
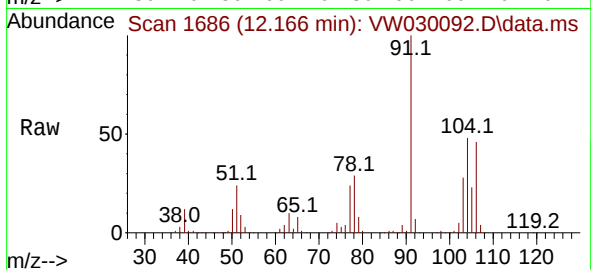
ClientSampleId :

Tgt Ion:106 Resp: 103674

Ion Ratio Lower Upper

106 100

91 216.2 153.9 285.7



#55

Styrene

Concen: 24.838 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030092.D

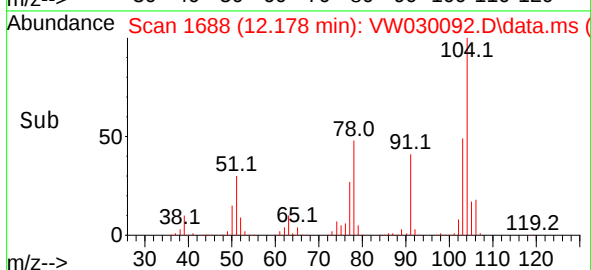
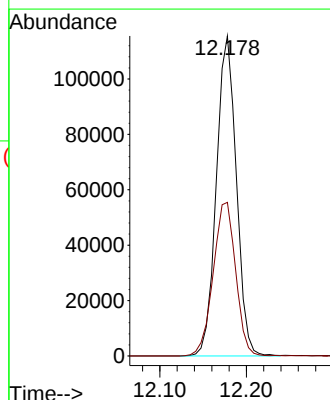
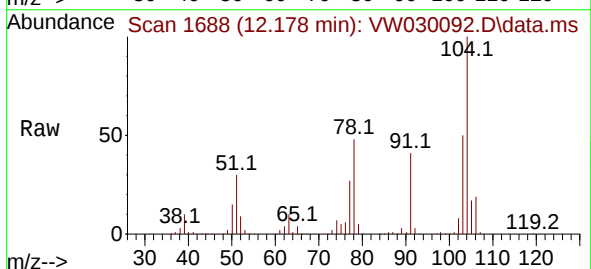
Acq: 29 Aug 2024 11:24

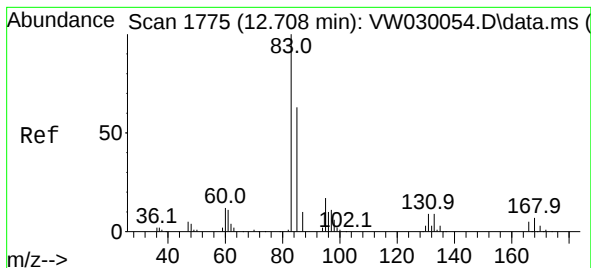
Tgt Ion:104 Resp: 185103

Ion Ratio Lower Upper

104 100

78 48.0 32.8 60.8

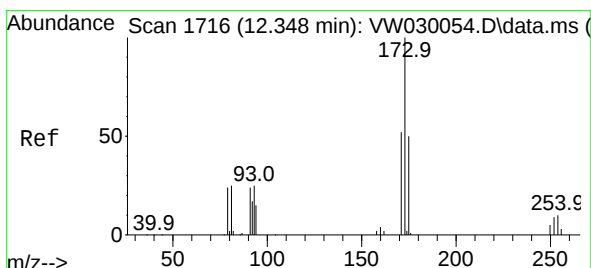
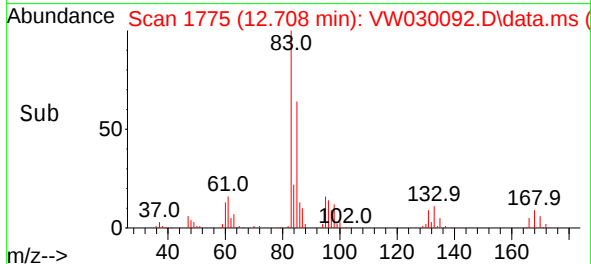
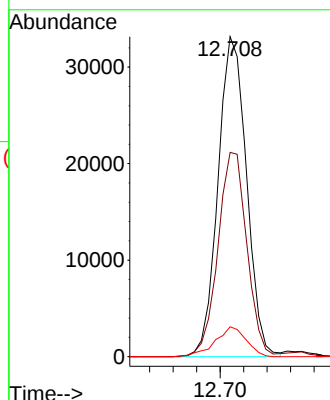
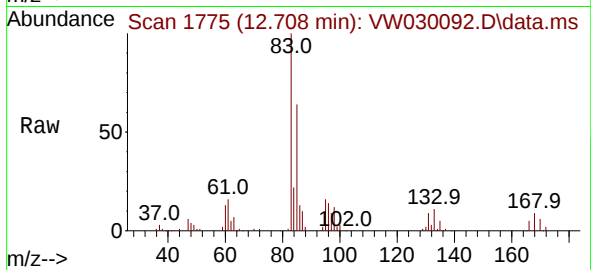




#57
1,1,2,2-Tetrachloroethane
Concen: 25.980 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

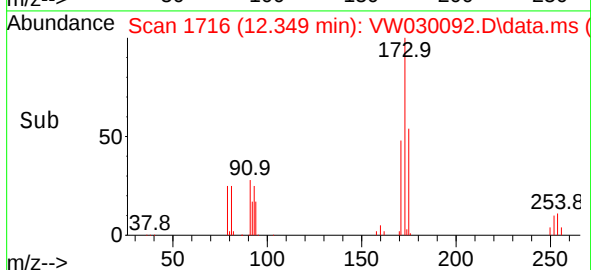
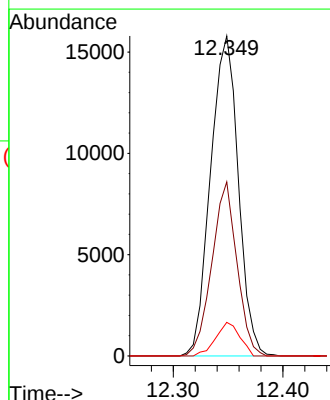
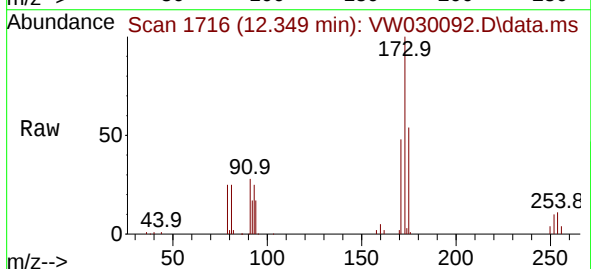
Instrument :
MSVOA_W
ClientSampleId :

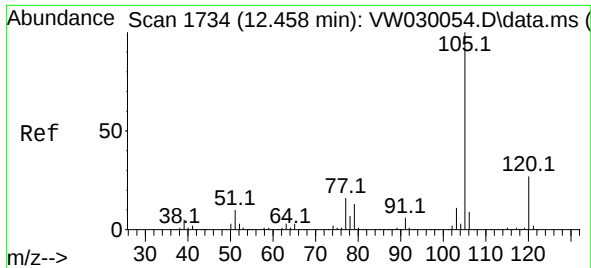
Tgt Ion: 83 Resp: 55883
Ion Ratio Lower Upper
83 100
85 63.9 44.0 81.8
131 9.3 7.3 10.9



#59
Bromoform
Concen: 23.112 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Tgt Ion:173 Resp: 27781
Ion Ratio Lower Upper
173 100
175 49.1 41.4 62.2
254 9.1 8.6 13.0

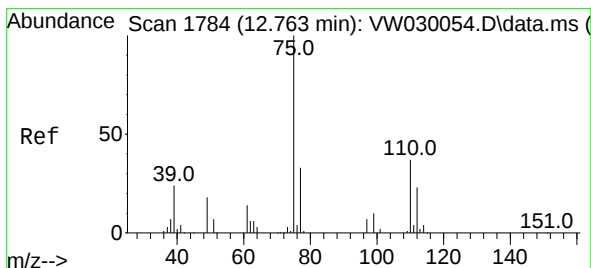
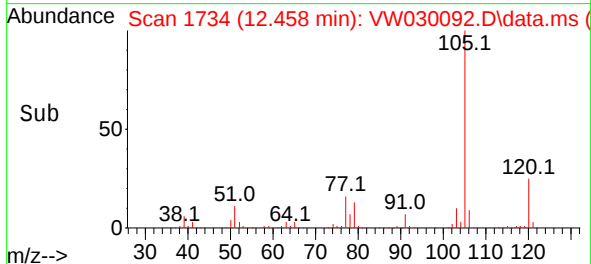
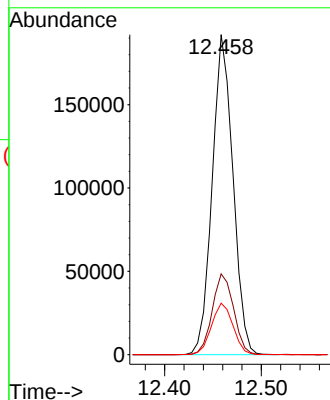
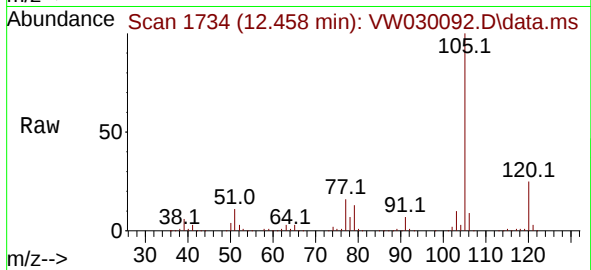




#60
Isopropylbenzene
Concen: 22.233 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

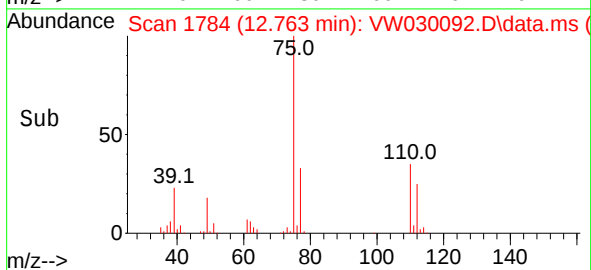
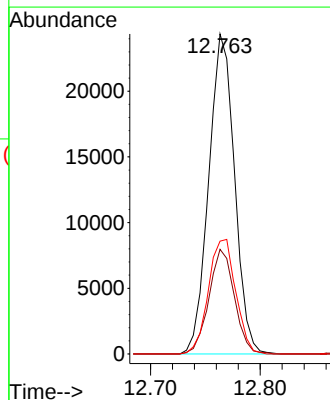
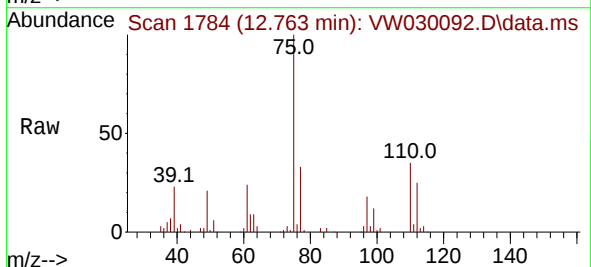
Instrument :
MSVOA_W
ClientSampleId :

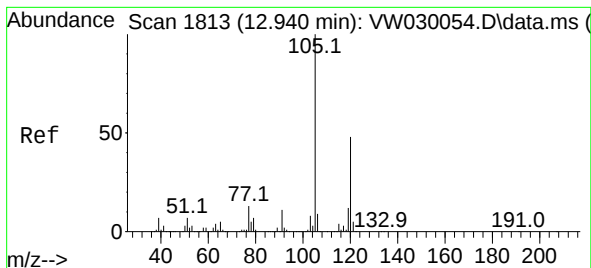
Tgt Ion:105 Resp: 286312
Ion Ratio Lower Upper
105 100
120 26.0 20.6 30.8
77 16.6 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 24.288 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Tgt Ion: 75 Resp: 39862
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 37.8 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 23.994 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

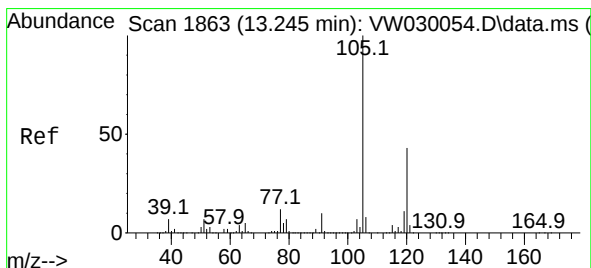
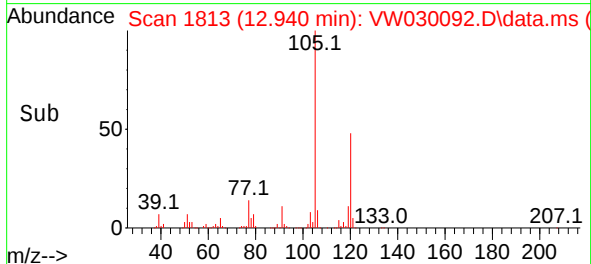
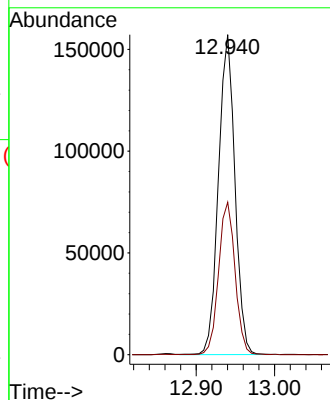
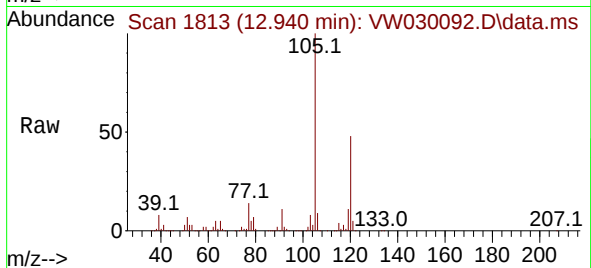
ClientSampleId :

Tgt Ion:105 Resp: 229741

Ion Ratio Lower Upper

105 100

120 47.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 23.046 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030092.D

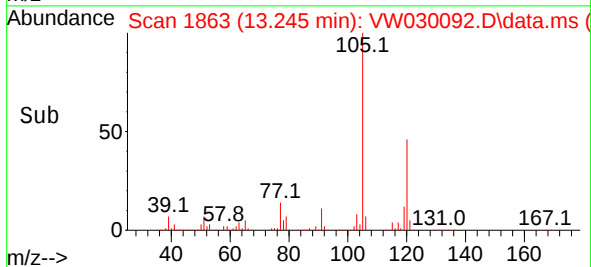
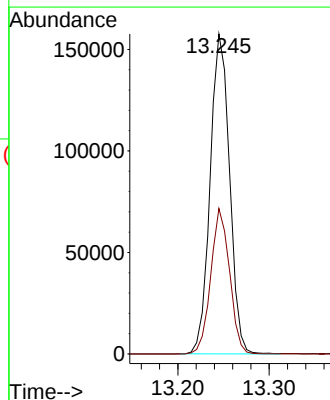
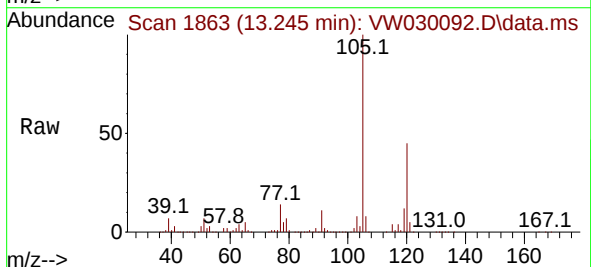
Acq: 29 Aug 2024 11:24

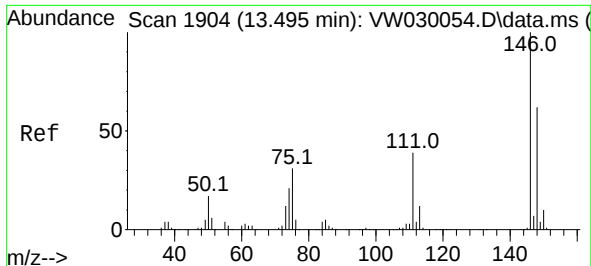
Tgt Ion:105 Resp: 232592

Ion Ratio Lower Upper

105 100

120 44.0 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 21.927 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

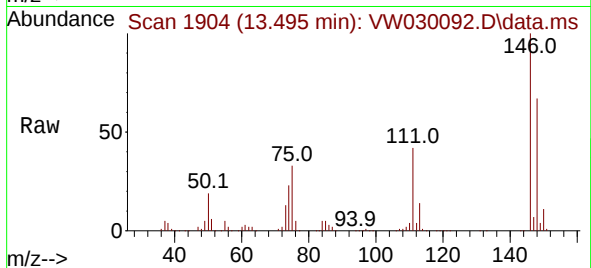
Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :



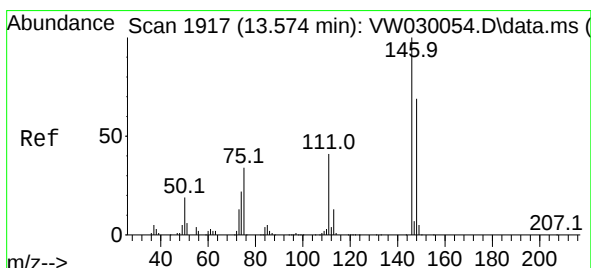
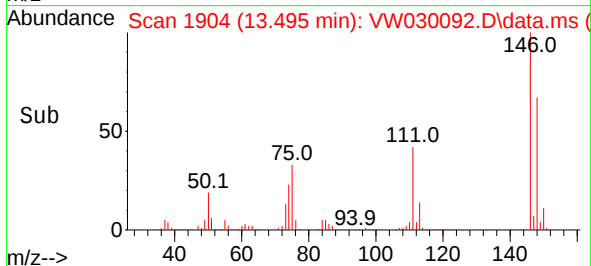
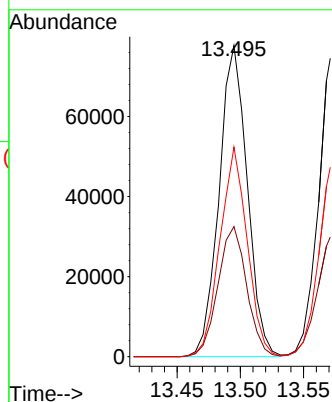
Tgt Ion:146 Resp: 120377

Ion Ratio Lower Upper

146 100

111 41.8 29.1 54.1

148 67.4 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 22.749 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

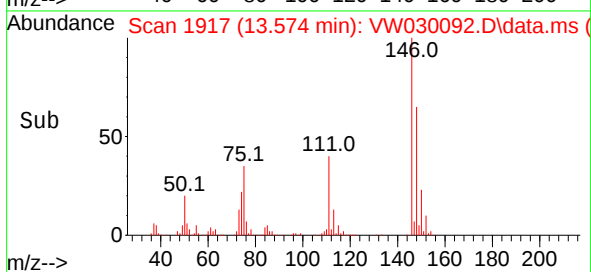
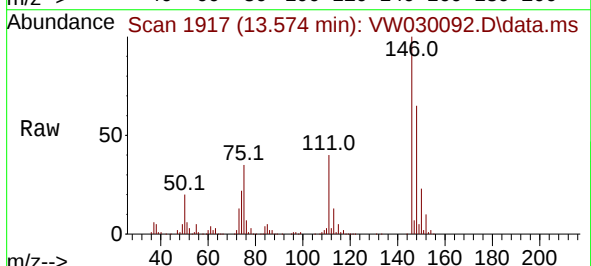
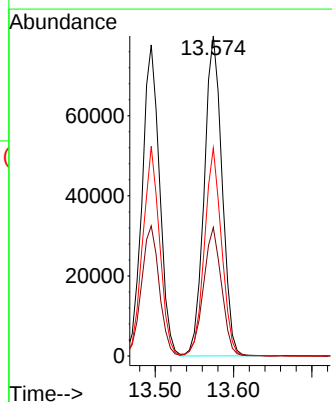
Tgt Ion:146 Resp: 126163

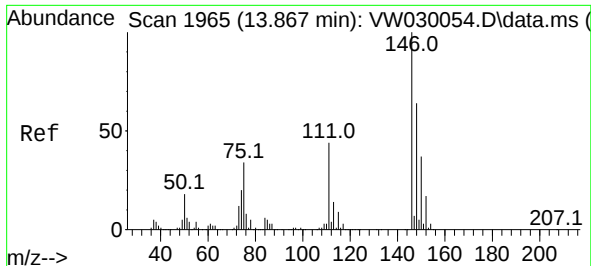
Ion Ratio Lower Upper

146 100

111 40.2 28.2 52.4

148 65.0 45.8 85.2

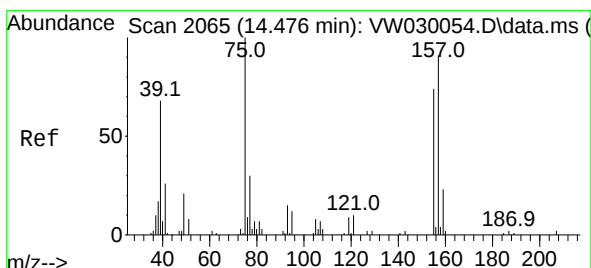
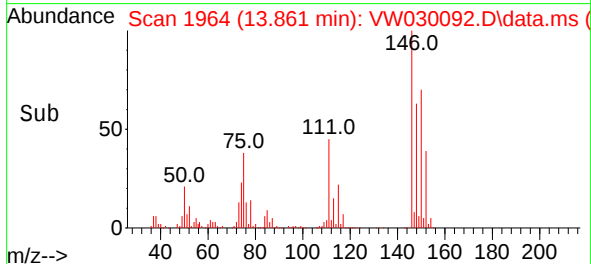
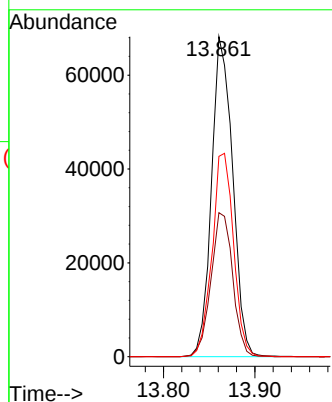
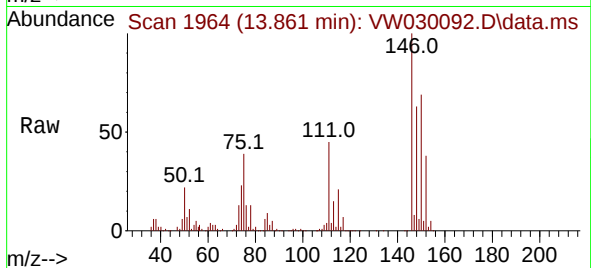




#67
1,2-Dichlorobenzene
Concen: 22.277 ug/L
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

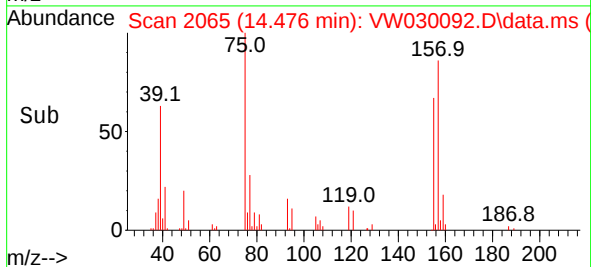
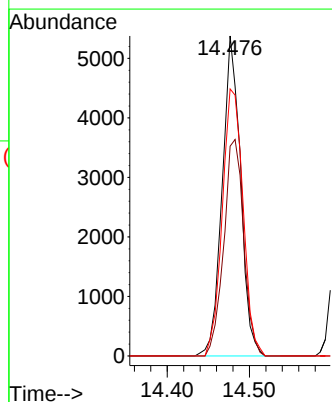
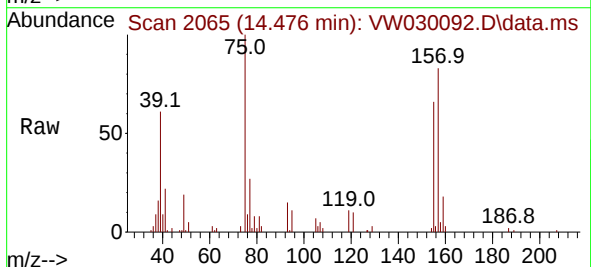
Instrument :
MSVOA_W
ClientSampleId :

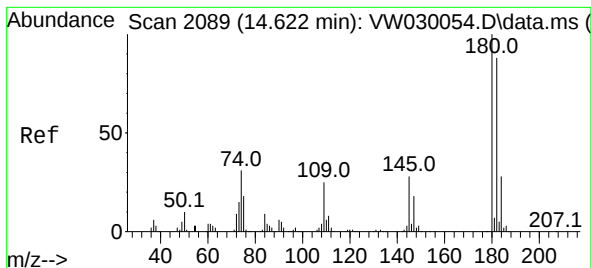
Tgt Ion:146 Resp: 109399
Ion Ratio Lower Upper
146 100
111 45.0 34.7 52.1
148 62.6 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 23.719 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Tgt Ion: 75 Resp: 8333
Ion Ratio Lower Upper
75 100
155 65.5 62.8 94.2
157 83.4 84.3 126.5#





#69

1,3,5-Trichlorobenzene

Concen: 21.490 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 77023

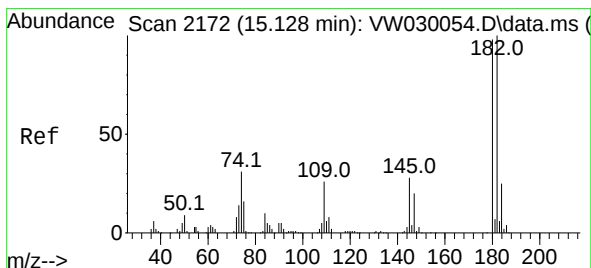
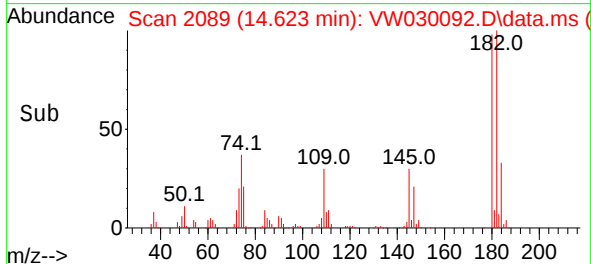
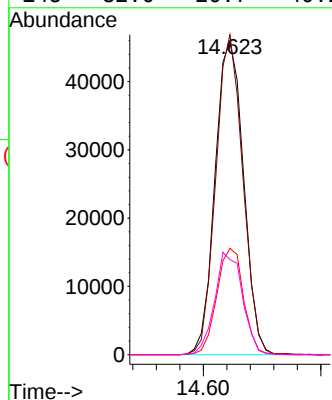
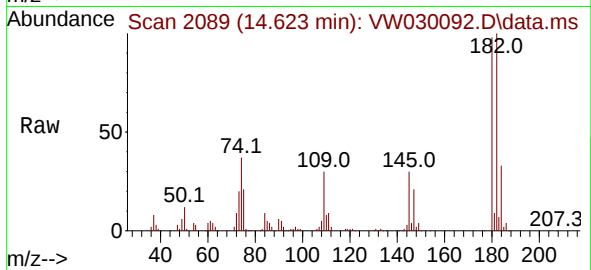
Ion Ratio Lower Upper

180 100

182 97.0 79.7 119.5

184 32.0 25.1 37.7

145 32.0 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 21.068 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030092.D

Acq: 29 Aug 2024 11:24

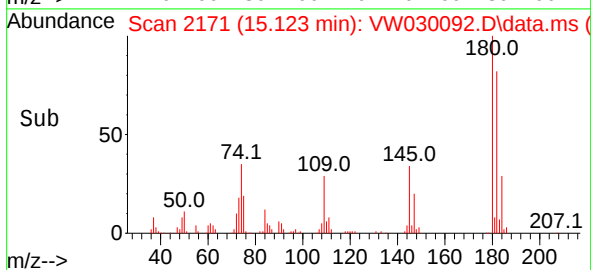
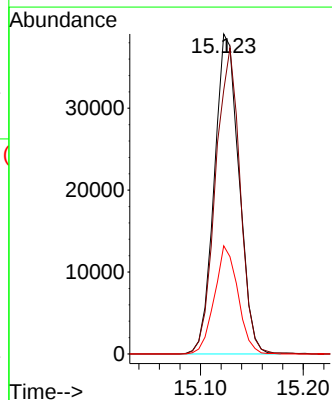
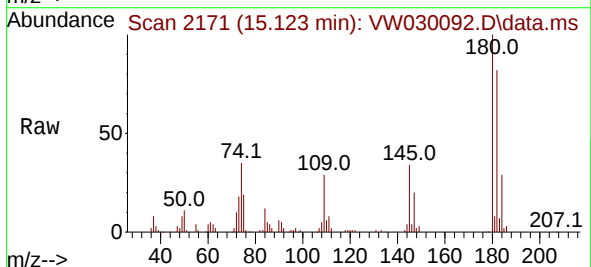
Tgt Ion:180 Resp: 65355

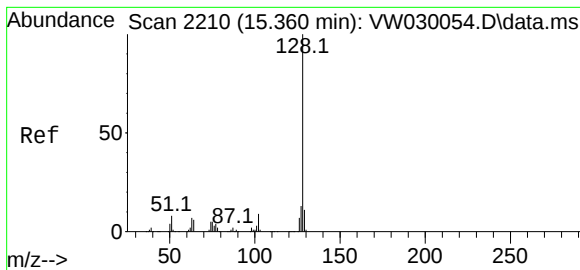
Ion Ratio Lower Upper

180 100

182 94.7 75.3 112.9

145 32.1 24.7 37.1

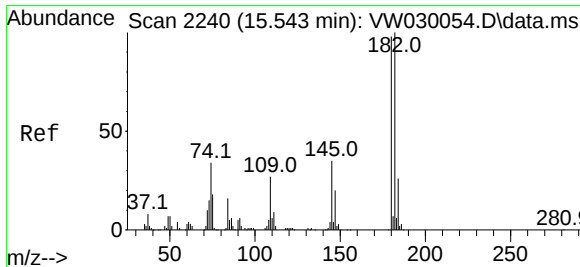
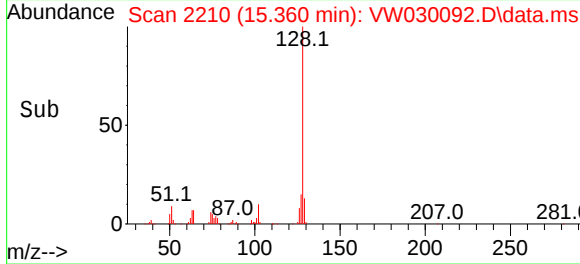
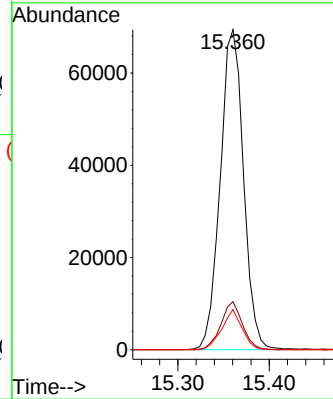
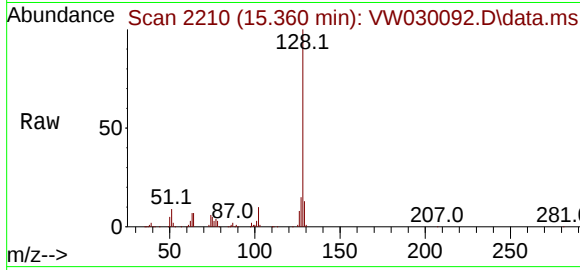




#71
Naphthalene
Concen: 20.745 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 122885
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 11.0 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 21.129 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030092.D
Acq: 29 Aug 2024 11:24

Tgt Ion:180 Resp: 57531
Ion Ratio Lower Upper
180 100
182 99.0 77.2 115.8
145 34.9 26.5 39.7

