

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
 Data File : VW030107.D
 Acq On : 29 Aug 2024 18:08
 Operator : SY/MD
 Sample : P3733-11MSD
 Misc : 10.90g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 21:36:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 21:32:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	294233	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286797	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146825	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	66866	15.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.080%
7) Chloroethane-d5	2.899	69	61659	19.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.360%
11) 1,1-Dichloroethene-d2	4.021	65	33879	18.110	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.440%
21) 2-Butanone-d5	7.075	46	41578	47.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.280%
24) Chloroform-d	7.648	84	167856	21.155	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	8.301	65	92231	22.892	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.560%
32) Benzene-d6	8.276	84	322417	19.046	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	9.270	67	105095	21.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.760%
41) Toluene-d8	10.325	98	294378	19.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.440%
43) trans-1,3-Dichloroprop...	10.575	79	37733	18.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.960%
47) 2-Hexanone-d5	10.922	63	34763	45.796	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86830	23.778	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	96791	18.226	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.920%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45404	13.417	ug/L	100
3) Chloromethane	2.229	50	72009	18.304	ug/L	98
5) Vinyl chloride	2.375	62	59973	12.898	ug/L #	1
6) Bromomethane	2.796	94	44827	15.513	ug/L	99
8) Chloroethane	2.936	64	48449	18.082	ug/L	88
9) Trichlorofluoromethane	3.271	101	57342	14.241	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	47585	12.352	ug/L	92
12) 1,1-Dichloroethene	4.045	96	52792	13.997	ug/L	91
13) Acetone	4.125	43	24379	30.537	ug/L	99
14) Carbon disulfide	4.393	76	191610	16.377	ug/L	96
15) Methyl Acetate	4.667	43	9211	5.918	ug/L	96
16) Methylene chloride	4.917	84	73977	15.220	ug/L	86
17) trans-1,2-Dichloroethene	5.423	96	62919	15.085	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	107220	16.809	ug/L	98
19) 1,1-Dichloroethane	6.216	63	130433	16.828	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	71047	15.411	ug/L	95
22) 2-Butanone	7.167	43	38537	33.734	ug/L	93
23) Bromochloromethane	7.514	128	32401	16.570	ug/L	95
25) Chloroform	7.679	83	128481	16.206	ug/L	98

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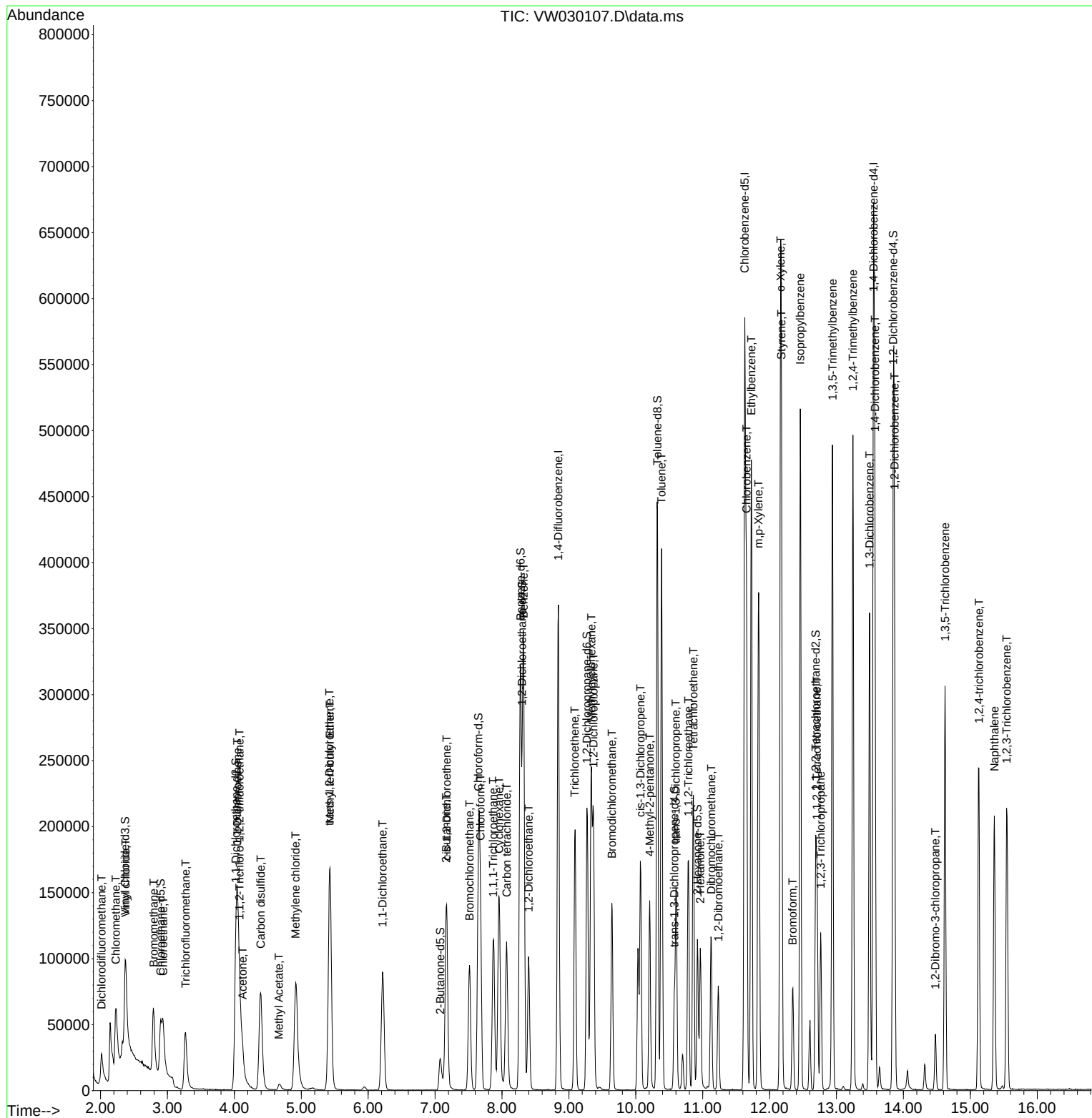
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89398	17.616	ug/L	98
29) Cyclohexane	7.959	56	82428	11.903	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	96284	14.333	ug/L	99
31) Carbon tetrachloride	8.069	117	82049	13.595	ug/L	100
33) Benzene	8.325	78	282918	15.397	ug/L	100
34) Trichloroethene	9.087	95	69460	14.038	ug/L	96
35) Methylcyclohexane	9.337	83	92254	11.384	ug/L	94
37) 1,2-Dichloropropane	9.368	63	79747	17.138	ug/L	99
38) Bromodichloromethane	9.642	83	95546	16.274	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	103436	14.443	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	95271	41.132	ug/L	93
42) Toluene	10.386	91	297239	15.190	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	86016	14.842	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	55308	16.217	ug/L	97
46) Tetrachloroethene	10.861	164	47248	12.581	ug/L	90
48) 2-Hexanone	10.965	43	67465	40.972	ug/L	94
49) Dibromochloromethane	11.129	129	60276	16.634	ug/L	96
50) 1,2-Dibromoethane	11.233	107	52161	16.373	ug/L #	90
51) Chlorobenzene	11.654	112	177795	14.210	ug/L	94
52) Ethylbenzene	11.727	91	325348	14.674	ug/L	98
53) m,p-Xylene	11.837	106	120509	14.564	ug/L	95
54) o-Xylene	12.166	106	117213	14.759	ug/L	97
55) Styrene	12.178	104	180952	13.599	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	70048	18.239	ug/L	99
59) Bromoform	12.343	173	34870	15.948	ug/L #	95
60) Isopropylbenzene	12.458	105	311374	13.293	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	49147	16.463	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	251705	14.452	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	253764	13.823	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	136861	13.705	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	147790	14.650	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	132871	14.874	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	11343	17.750	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	85579	13.126	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	75865	13.445	ug/L	98
71) Naphthalene	15.360	128	169189	15.702	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	67699	13.668	ug/L	97

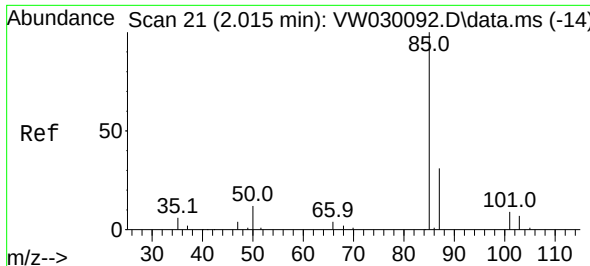
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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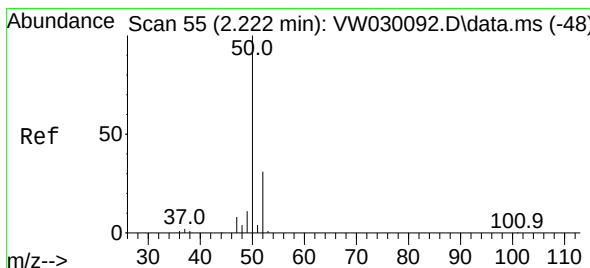
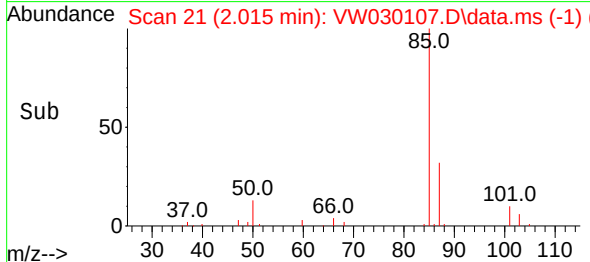
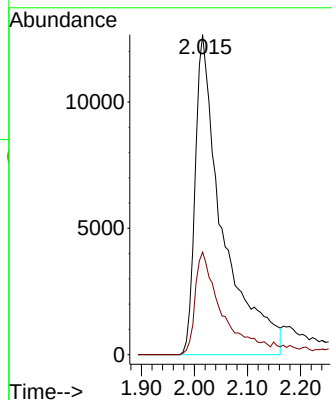
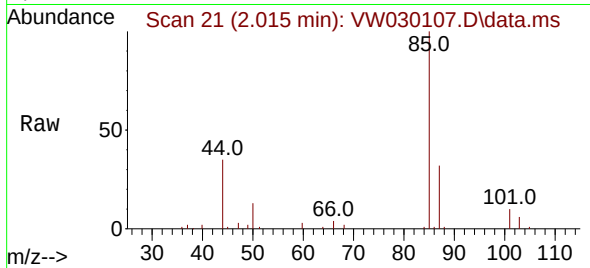




#2
Dichlorodifluoromethane
Concen: 13.417 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

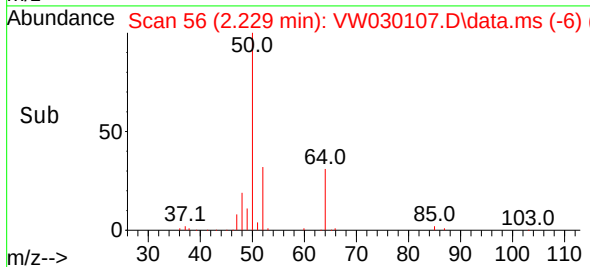
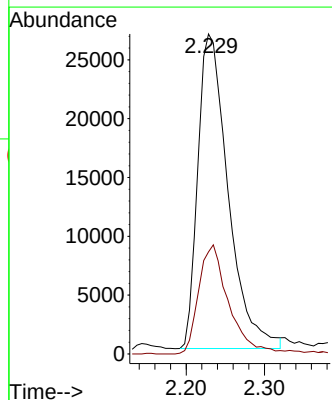
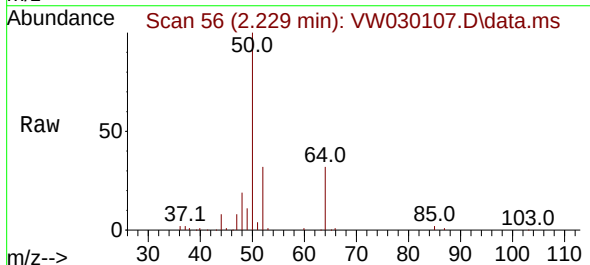
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MSVOA_W
ClientSampleId :

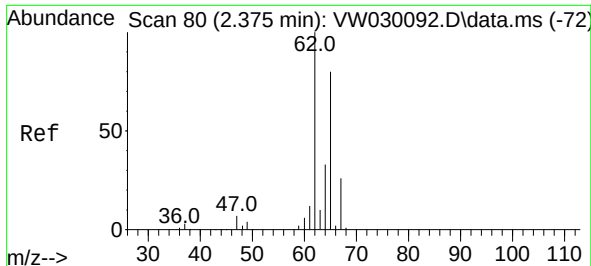
Tgt Ion: 85 Resp: 45404
Ion Ratio Lower Upper
85 100
87 30.4 24.2 36.2



#3
Chloromethane
Concen: 18.304 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion: 50 Resp: 72009
Ion Ratio Lower Upper
50 100
52 31.9 21.6 40.2

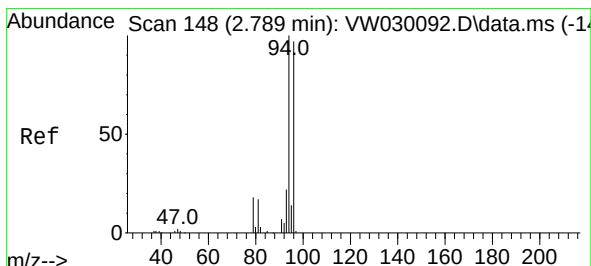
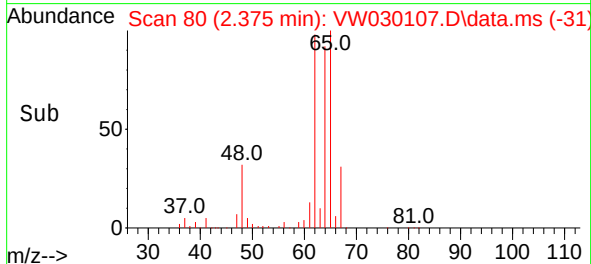
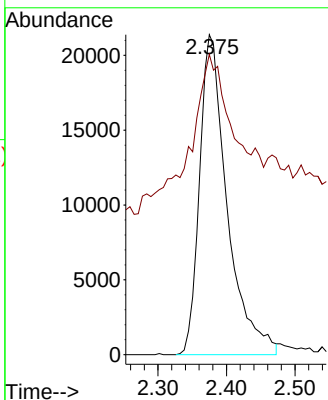
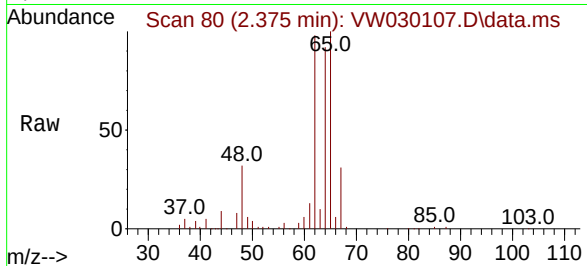




#5
 Vinyl chloride
 Concen: 12.898 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030107.D
 Acq: 29 Aug 2024 18:08

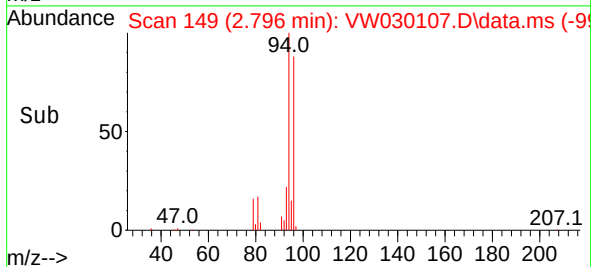
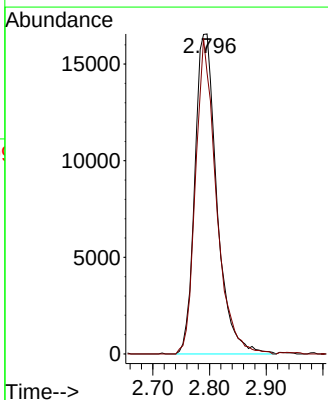
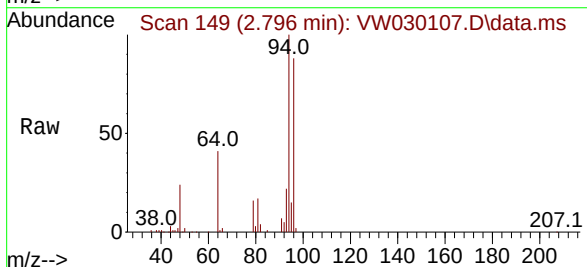
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 ClientSampleId :

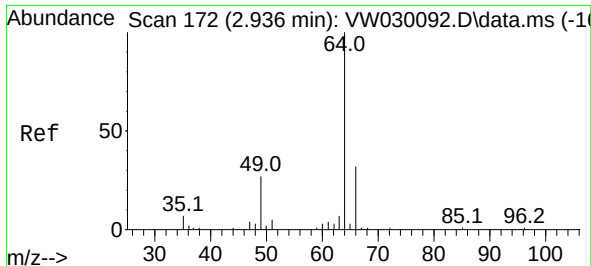
Tgt Ion: 62 Resp: 59973
 Ion Ratio Lower Upper
 62 100
 64 93.8 24.4 45.4#



#6
 Bromomethane
 Concen: 15.513 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030107.D
 Acq: 29 Aug 2024 18:08

Tgt Ion: 94 Resp: 44827
 Ion Ratio Lower Upper
 94 100
 96 87.8 62.4 115.8

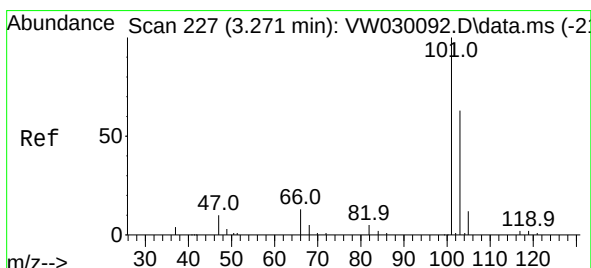
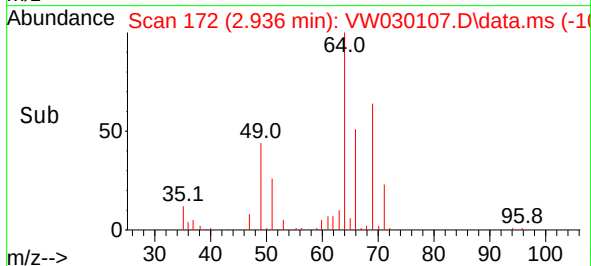
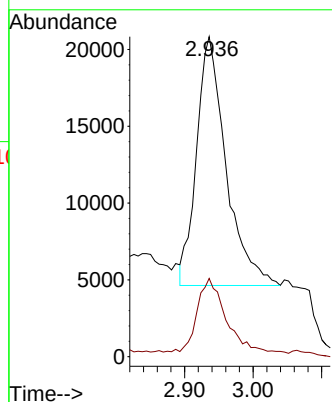
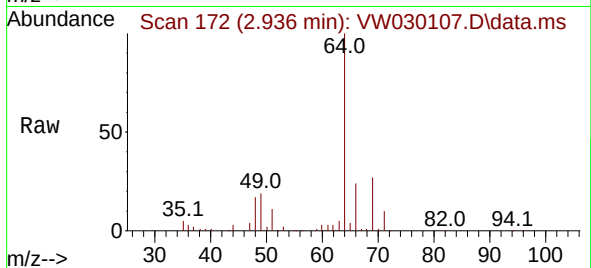




#8
Chloroethane
Concen: 18.082 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

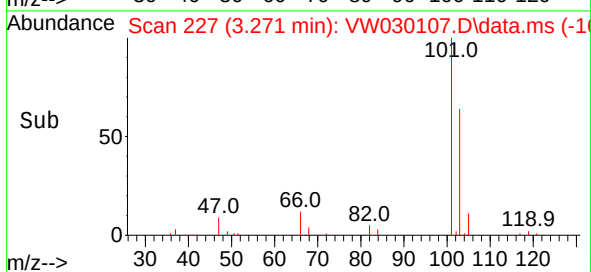
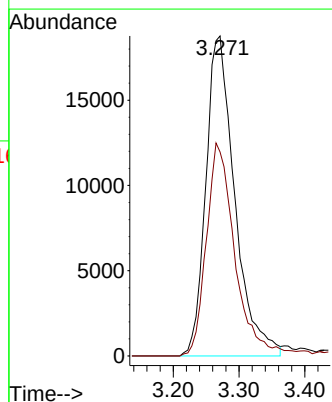
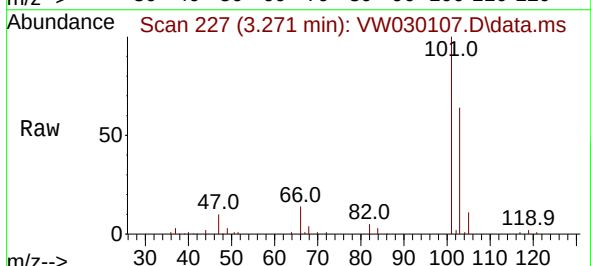
Instrument :
MSVOA_W
ClientSampleId :

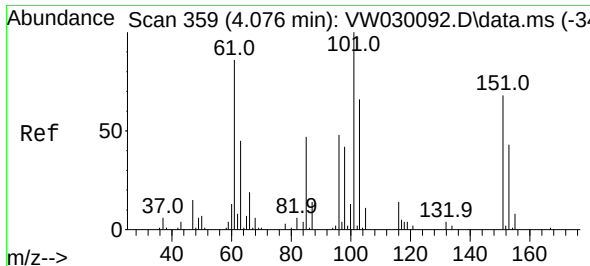
Tgt Ion: 64 Resp: 48449
Ion Ratio Lower Upper
64 100
66 24.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 14.241 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion:101 Resp: 57342
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1





#10

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

Concen: 12.352 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

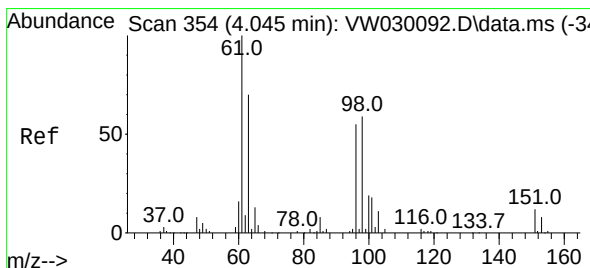
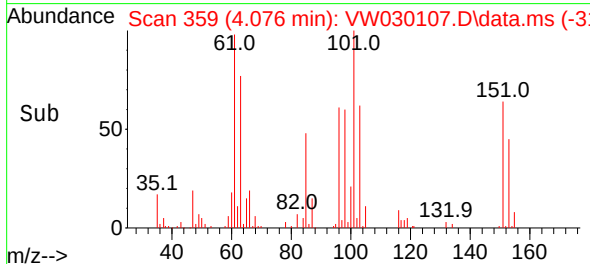
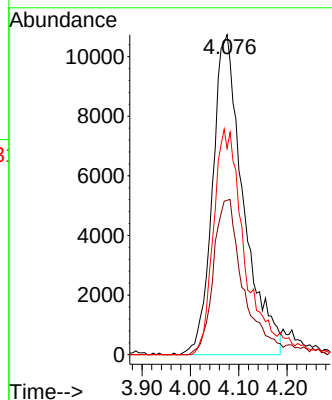
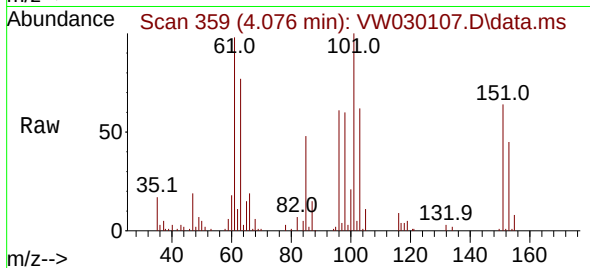
Tgt Ion:101 Resp: 47585

Ion Ratio Lower Upper

101 100

85 46.9 34.7 52.1

151 60.7 54.8 82.2



#12

1,1-Dichloroethene

Concen: 13.997 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

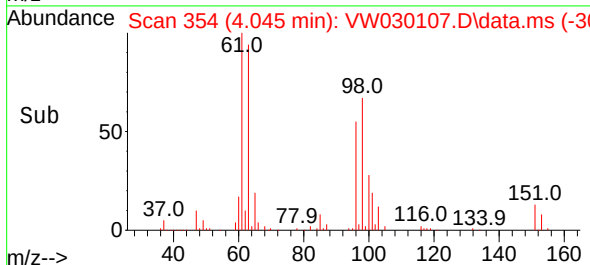
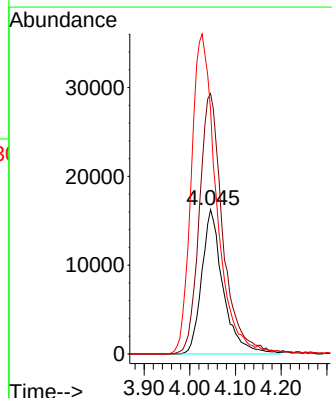
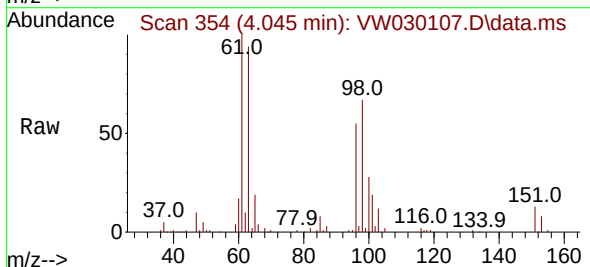
Tgt Ion: 96 Resp: 52792

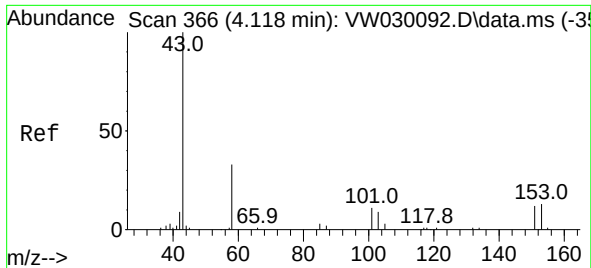
Ion Ratio Lower Upper

96 100

61 180.3 126.0 234.0

63 168.9 101.8 189.2

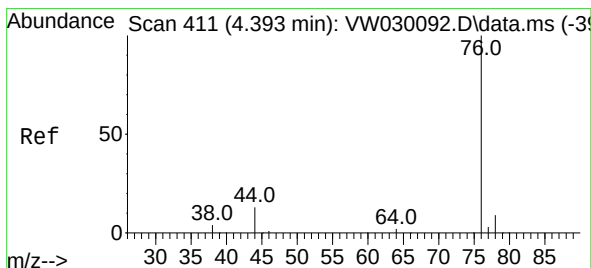
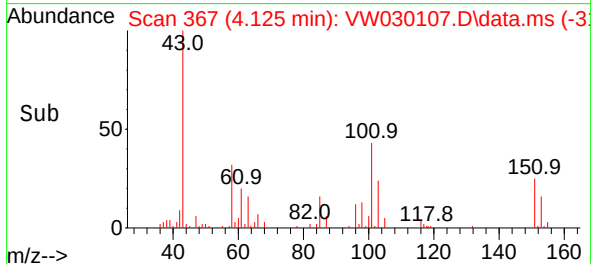
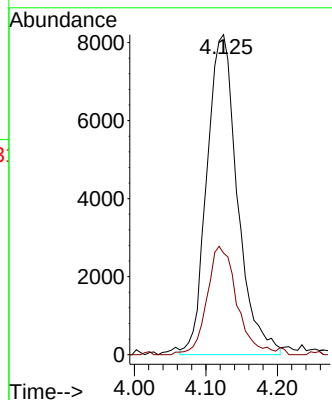
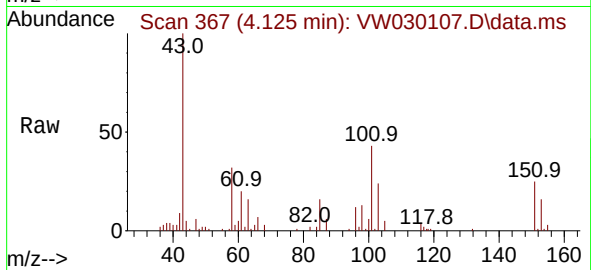




#13
Acetone
Concen: 30.537 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

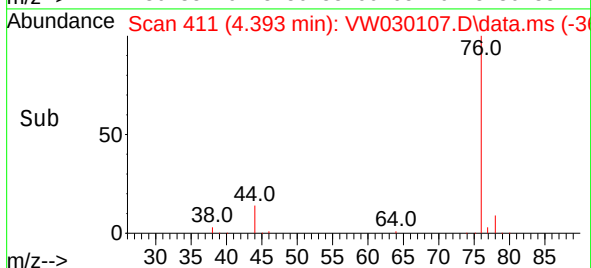
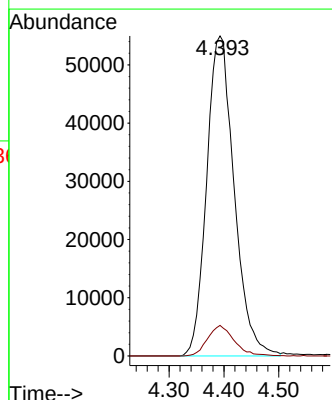
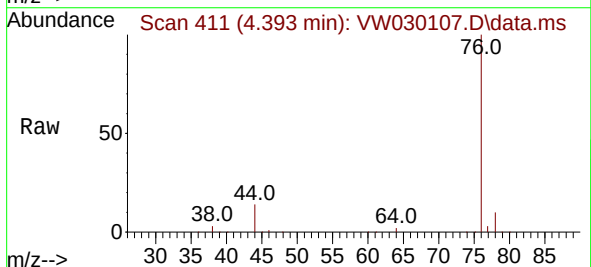
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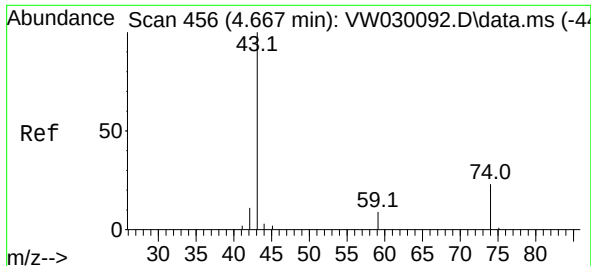
Tgt Ion: 43 Resp: 24379
Ion Ratio Lower Upper
43 100
58 32.4 0.0 66.4



#14
Carbon disulfide
Concen: 16.377 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW030107.D
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Tgt Ion: 76 Resp: 191610
Ion Ratio Lower Upper
76 100
78 9.5 6.6 9.8

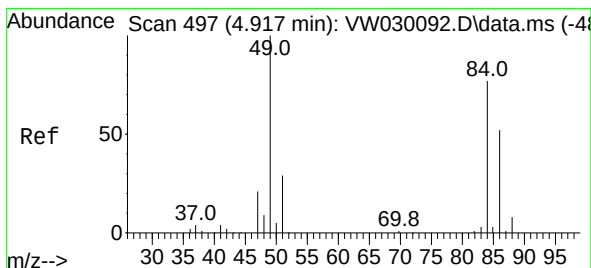
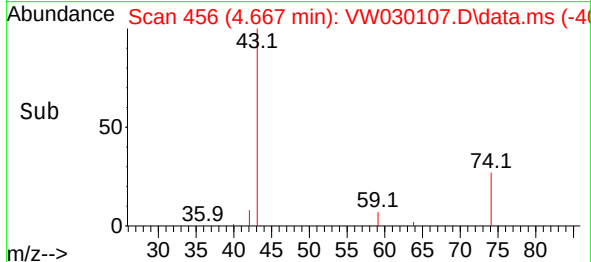
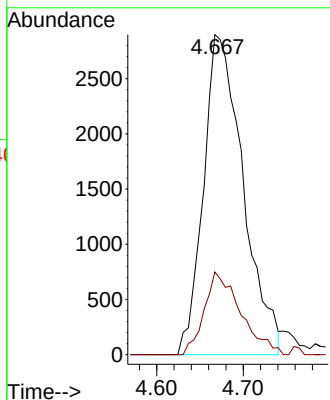
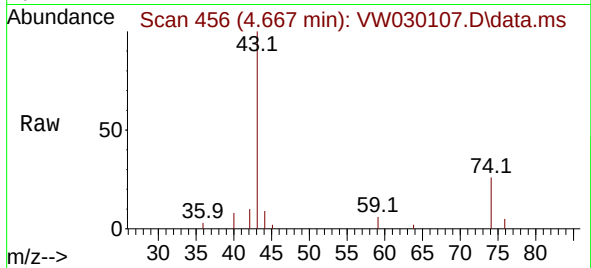




#15
Methyl Acetate
Concen: 5.918 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

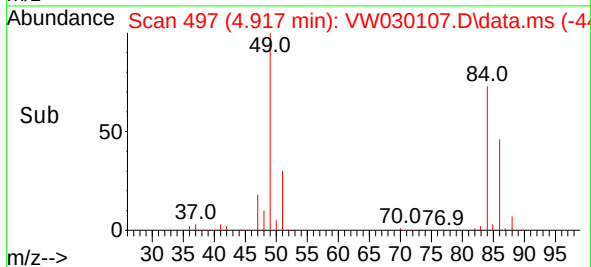
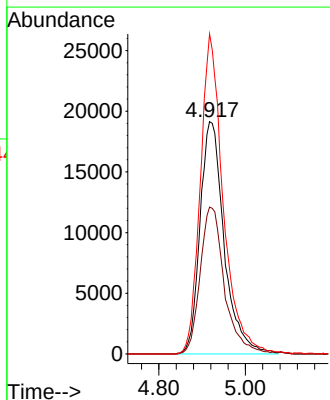
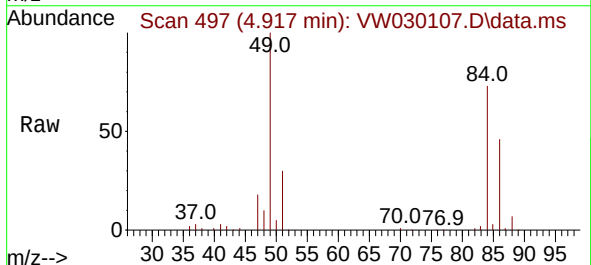
Instrument :
MSVOA_W
ClientSampleId :

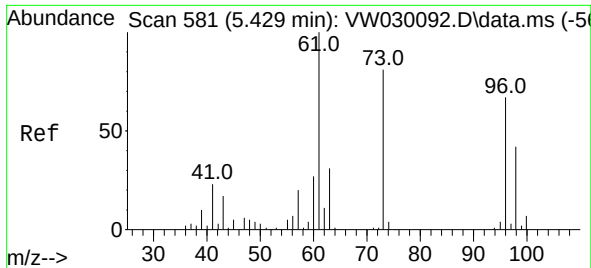
Tgt Ion: 43 Resp: 9211
Ion Ratio Lower Upper
43 100
74 22.7 19.9 29.9



#16
Methylene chloride
Concen: 15.220 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion: 84 Resp: 73977
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 137.7 79.9 148.3

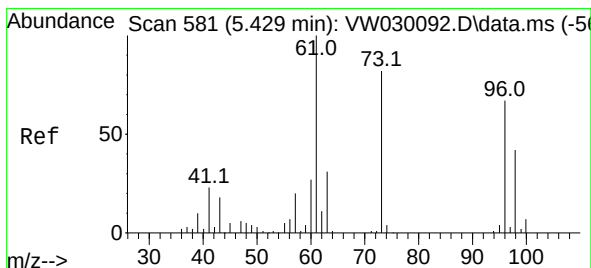
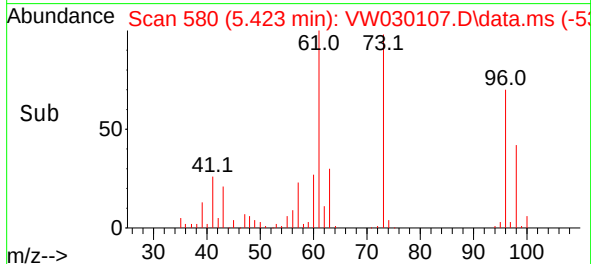
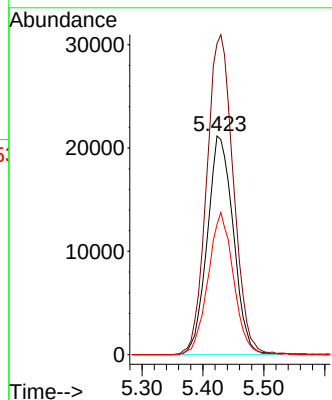
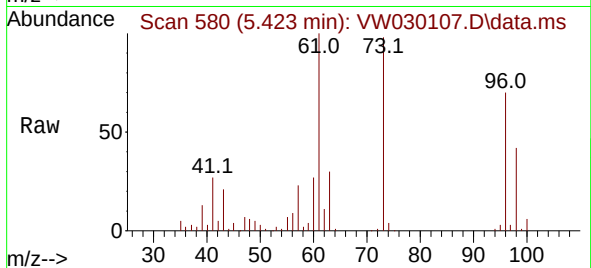




#17
trans-1,2-Dichloroethene
Concen: 15.085 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

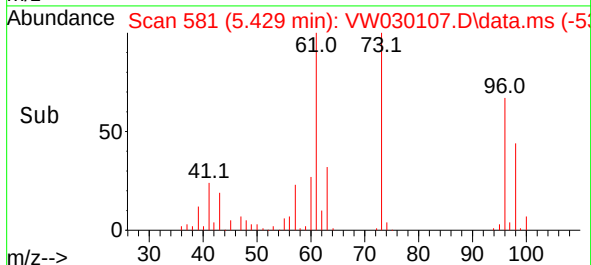
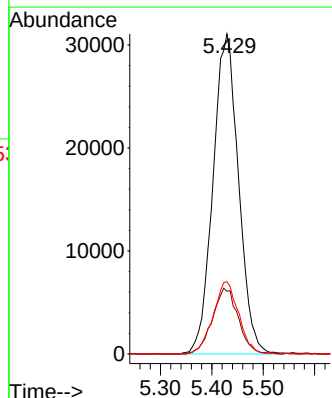
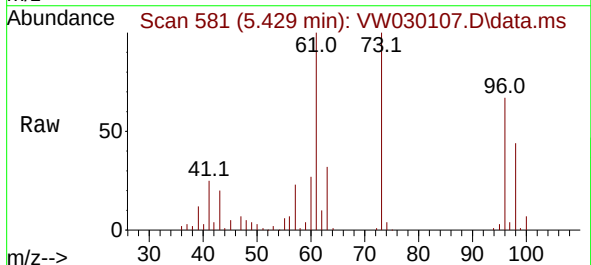
Instrument :
MSVOA_W
ClientSampleId :

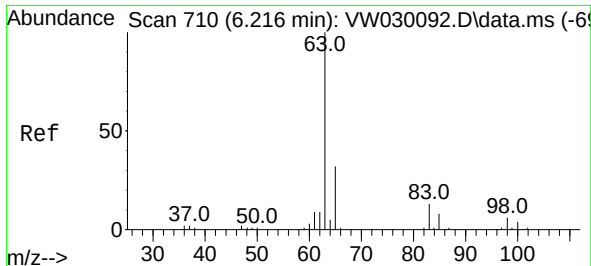
Tgt Ion: 96 Resp: 62919
Ion Ratio Lower Upper
96 100
61 142.3 98.3 182.7
98 59.5 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 16.809 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion: 73 Resp: 107220
Ion Ratio Lower Upper
73 100
43 20.8 15.4 23.2
57 22.6 17.4 26.0





#19

1,1-Dichloroethane

Concen: 16.828 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

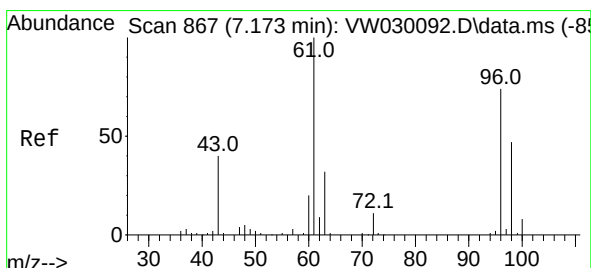
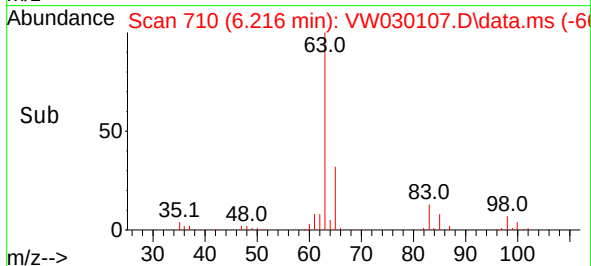
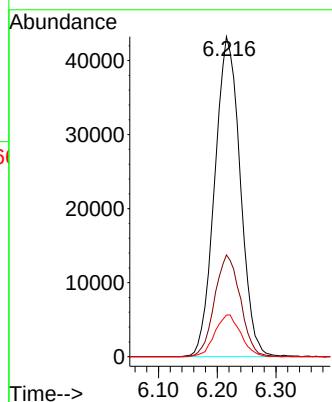
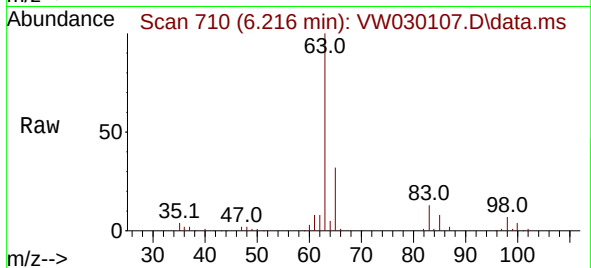
Tgt Ion: 63 Resp: 130433

Ion Ratio Lower Upper

63 100

65 31.8 21.6 40.0

83 13.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 15.411 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

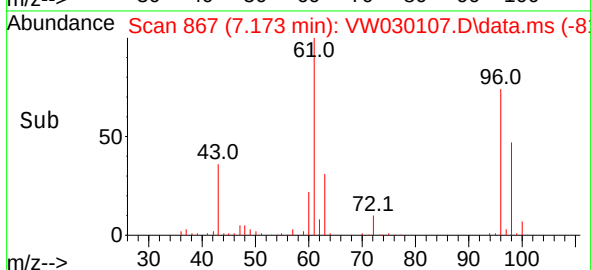
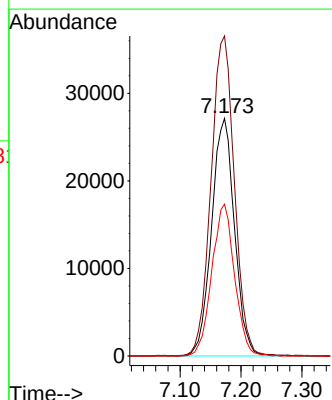
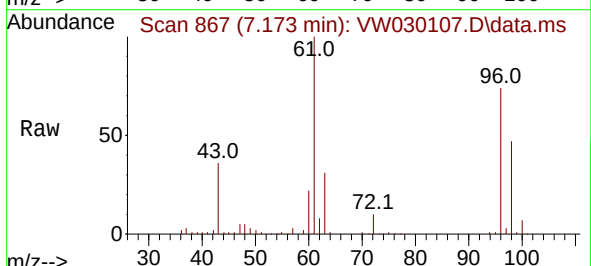
Tgt Ion: 96 Resp: 71047

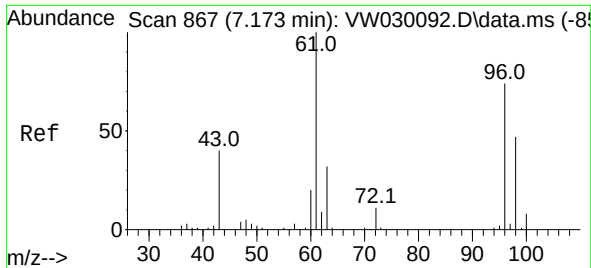
Ion Ratio Lower Upper

96 100

61 134.7 99.6 185.0

98 63.9 46.5 86.5

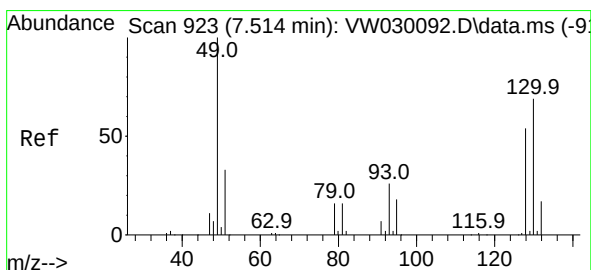
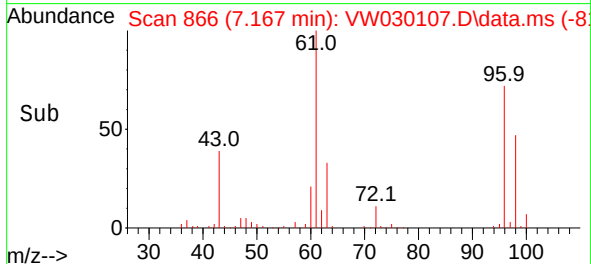
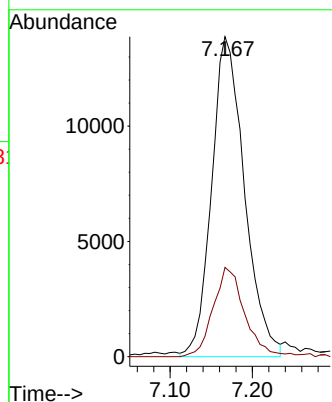
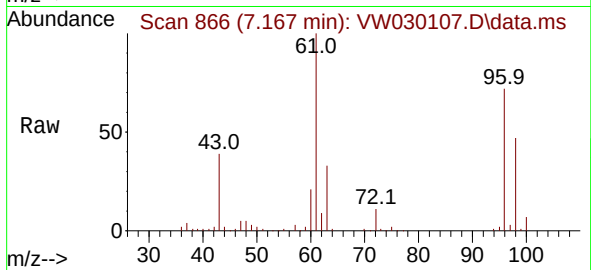




#22
2-Butanone
Concen: 33.734 ug/L
RT: 7.167 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

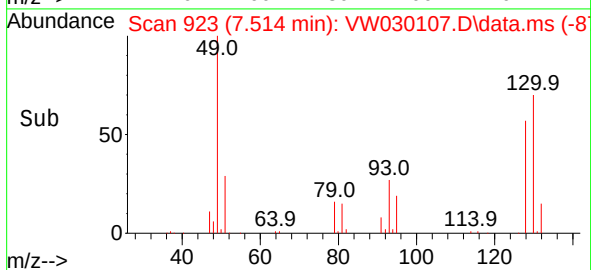
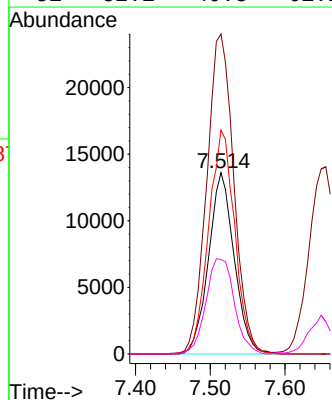
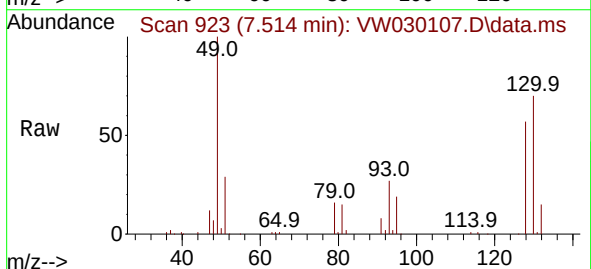
Instrument :
MSVOA_W
ClientSampleId :

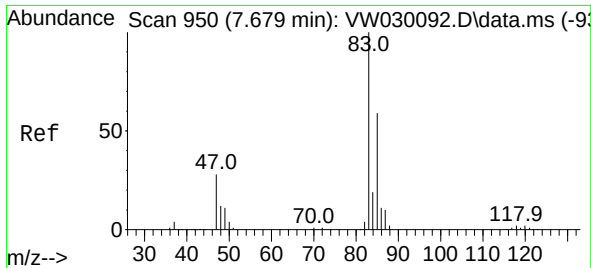
Tgt Ion: 43 Resp: 38537
Ion Ratio Lower Upper
43 100
72 26.5 15.0 45.1



#23
Bromochloromethane
Concen: 16.570 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion: 128 Resp: 32401
Ion Ratio Lower Upper
128 100
49 176.6 117.3 217.9
130 123.6 89.3 165.9
51 52.1 40.8 61.2

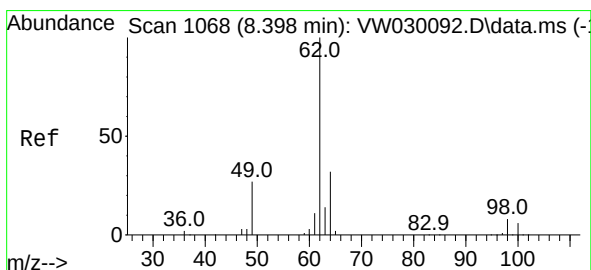
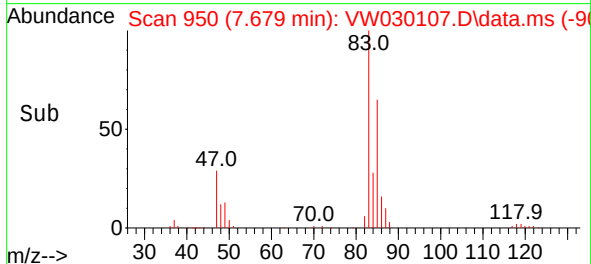
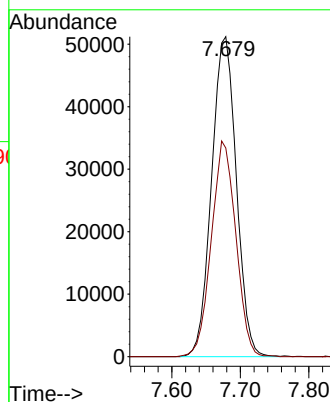
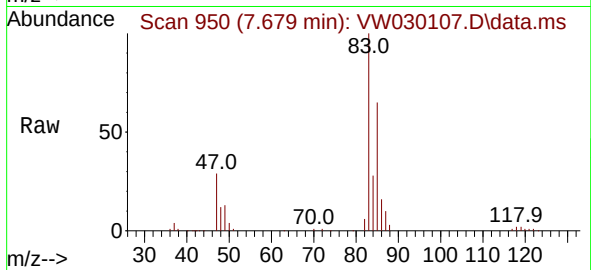




#25
Chloroform
Concen: 16.206 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

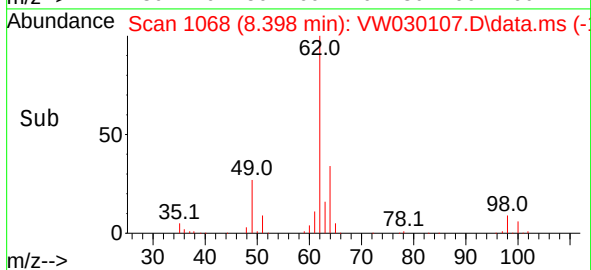
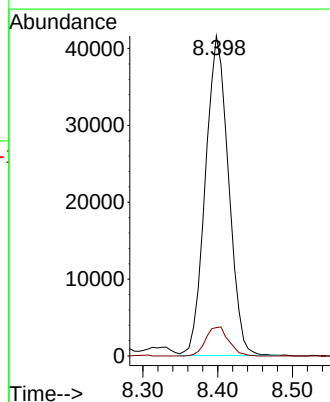
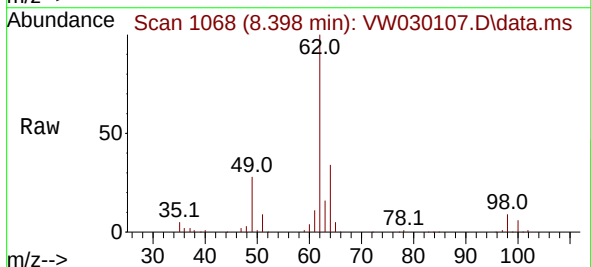
Instrument :
MSVOA_W
ClientSampleId :

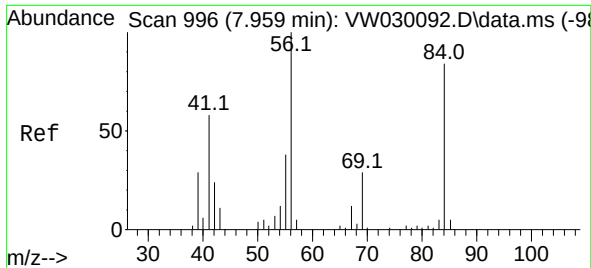
Tgt Ion: 83 Resp: 128481
Ion Ratio Lower Upper
83 100
85 65.2 44.4 82.4



#27
1,2-Dichloroethane
Concen: 17.616 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion: 62 Resp: 89398
Ion Ratio Lower Upper
62 100
98 8.9 7.7 11.5





#29

Cyclohexane

Concen: 11.903 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

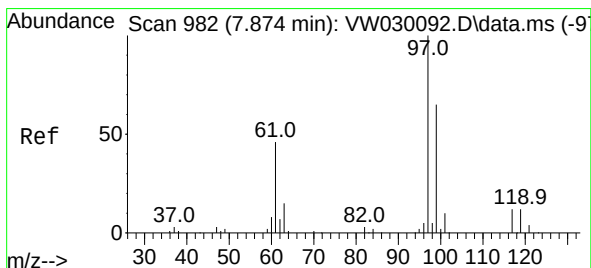
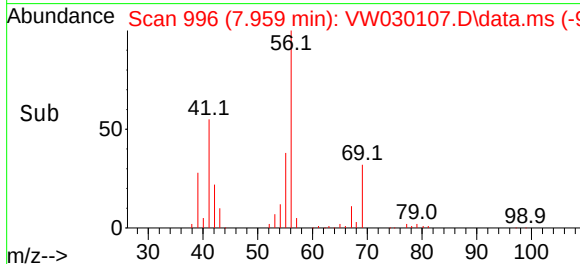
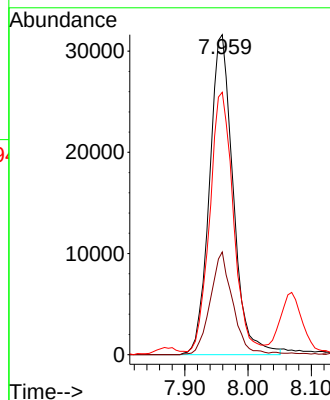
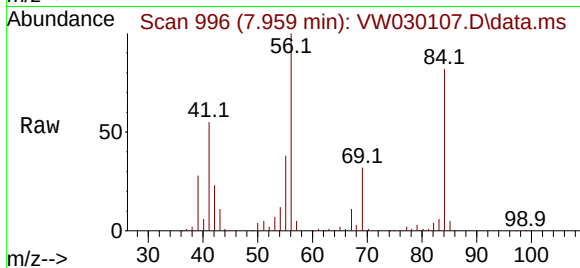
Tgt Ion: 56 Resp: 82428

Ion Ratio Lower Upper

56 100

69 29.6 24.4 36.6

84 81.1 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 14.333 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

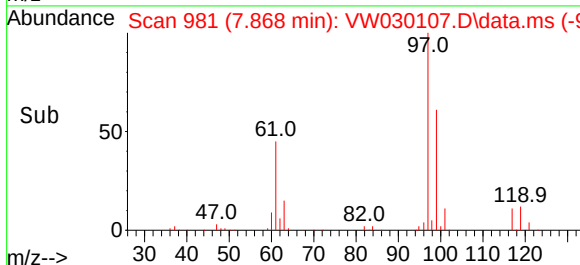
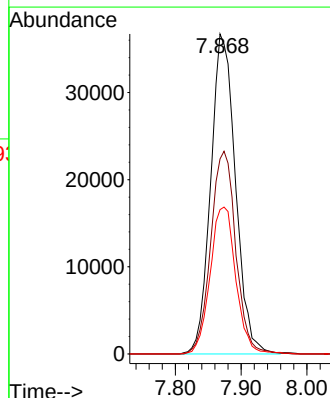
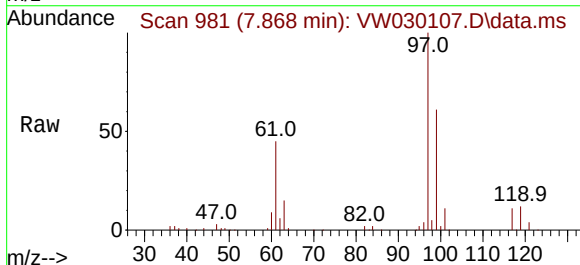
Tgt Ion: 97 Resp: 96284

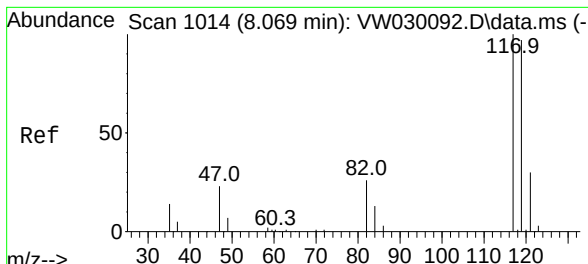
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 47.6 37.2 55.8

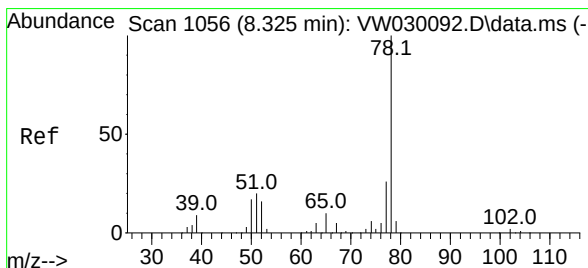
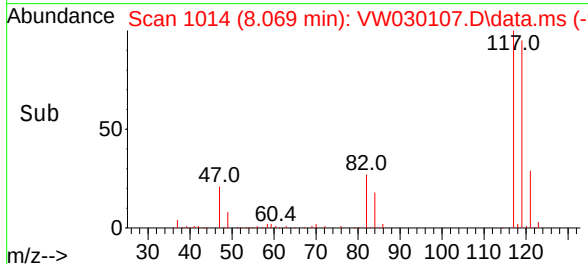
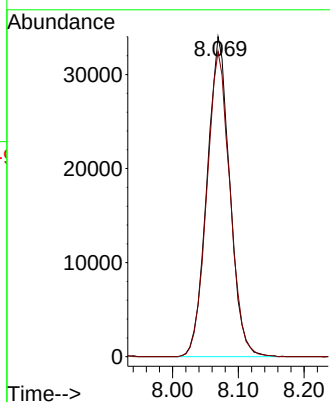
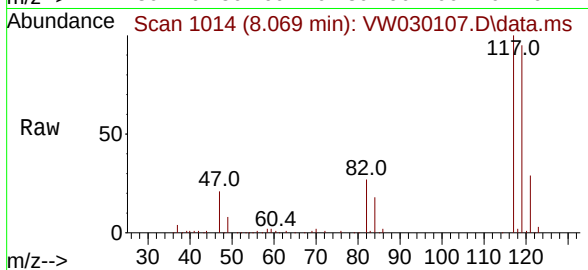




#31
Carbon tetrachloride
Concen: 13.595 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

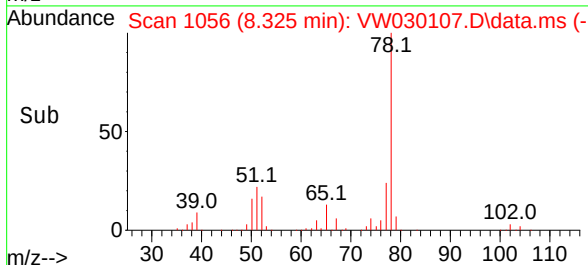
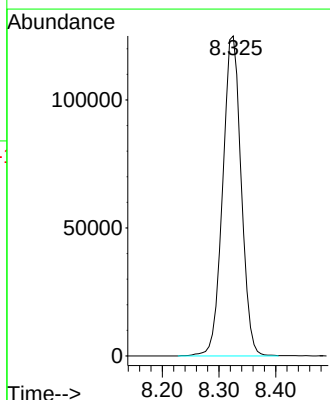
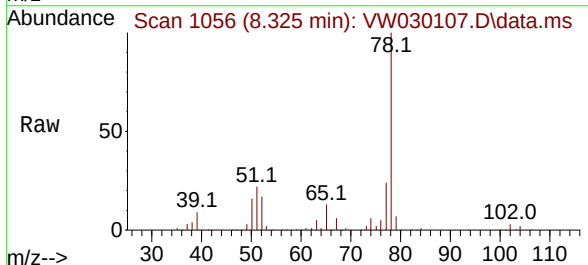
Instrument : MSVOA_W
ClientSampleId :

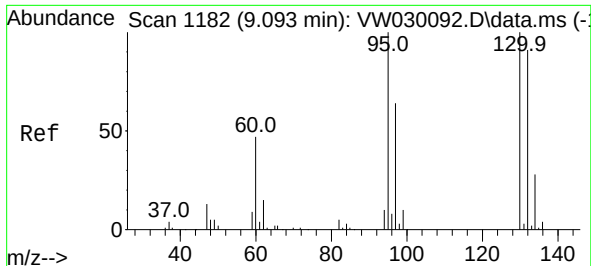
Tgt Ion:117 Resp: 82049
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5



#33
Benzene
Concen: 15.397 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion: 78 Resp: 282918

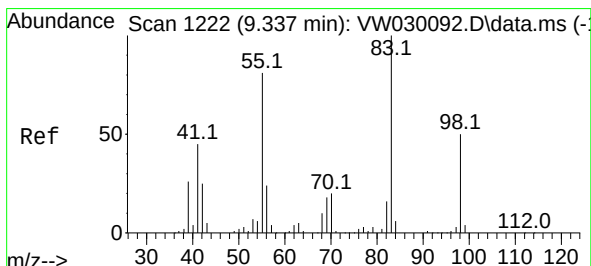
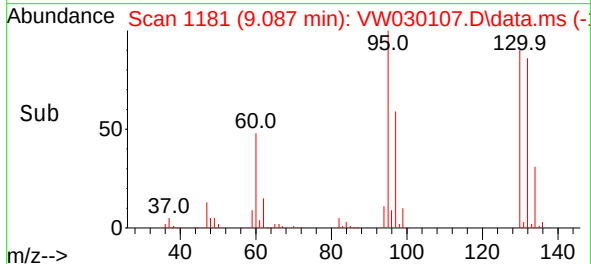
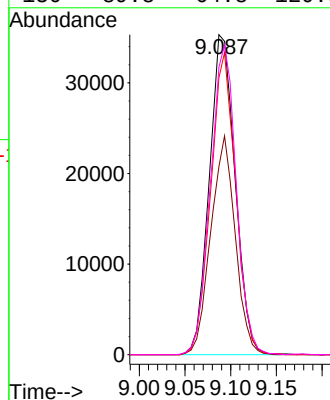
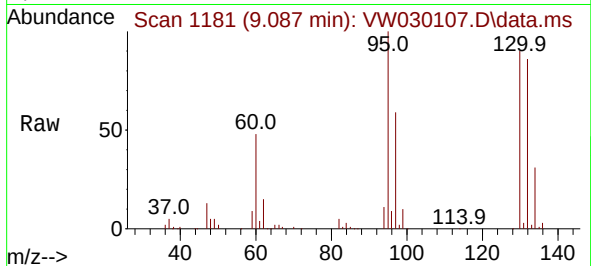




#34
Trichloroethene
Concen: 14.038 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

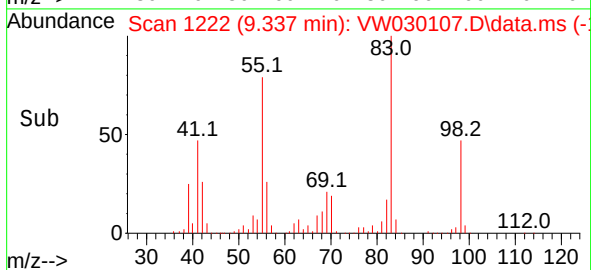
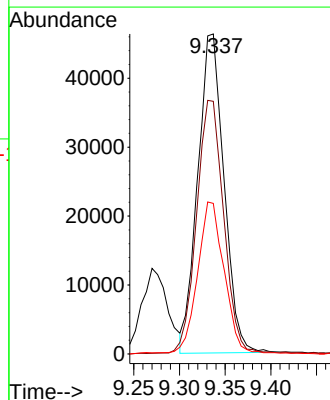
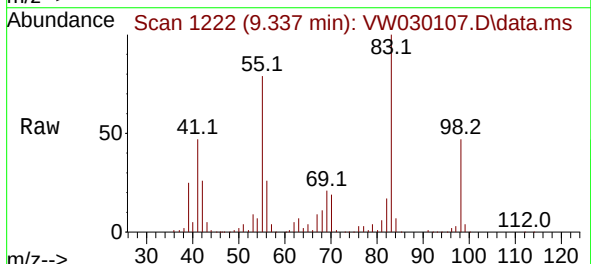
Instrument :
MSVOA_W
ClientSampleId :

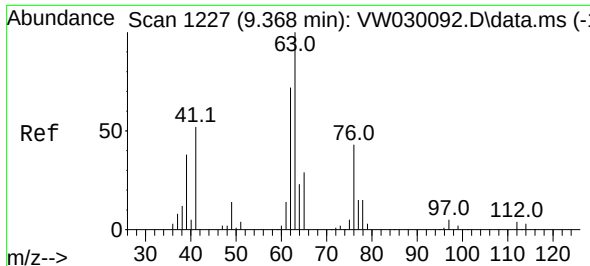
Tgt Ion: 95 Resp: 69460
Ion Ratio Lower Upper
95 100
97 58.7 43.3 80.5
132 86.5 63.6 118.0
130 89.8 64.8 120.3



#35
Methylcyclohexane
Concen: 11.384 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion: 83 Resp: 92254
Ion Ratio Lower Upper
83 100
55 82.5 59.0 88.6
98 48.1 38.2 57.4





#37

1,2-Dichloropropane

Concen: 17.138 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

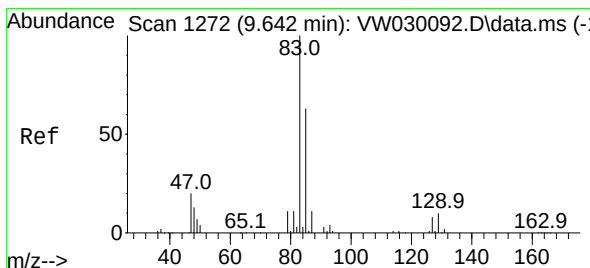
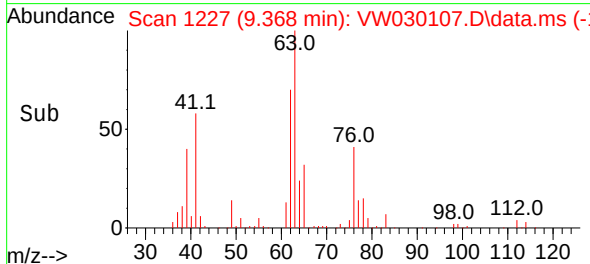
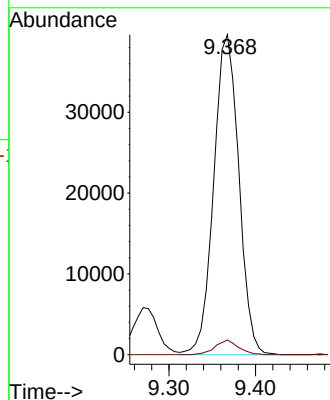
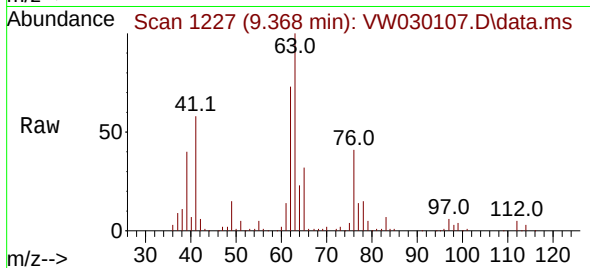
ClientSampleId :

Tgt Ion: 63 Resp: 79747

Ion Ratio Lower Upper

63 100

112 4.2 3.7 5.5



#38

Bromodichloromethane

Concen: 16.274 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

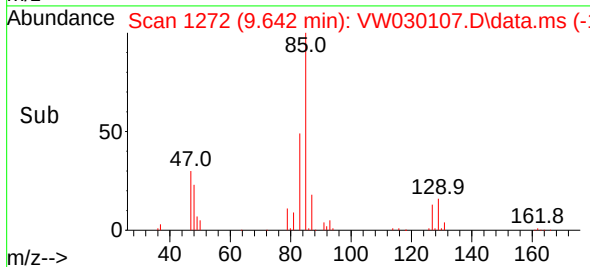
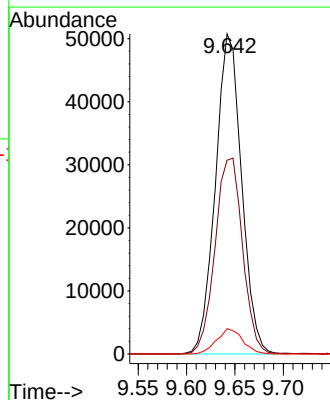
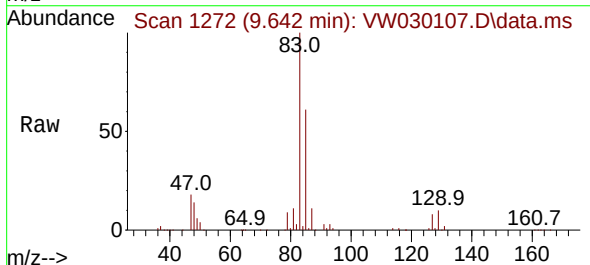
Tgt Ion: 83 Resp: 95546

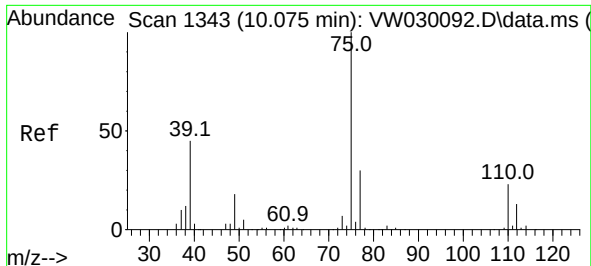
Ion Ratio Lower Upper

83 100

85 60.5 42.9 79.7

127 7.9 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 14.443 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

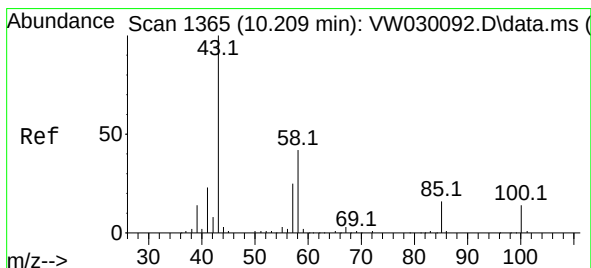
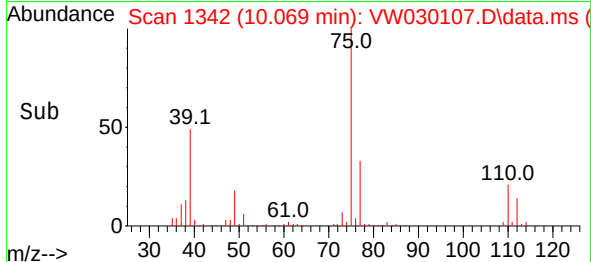
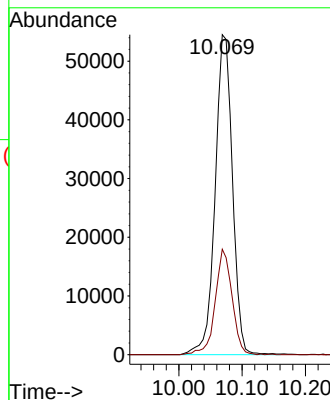
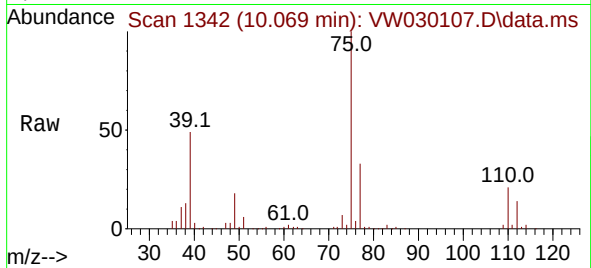
ClientSampleId :

Tgt Ion: 75 Resp: 103436

Ion Ratio Lower Upper

75 100

77 32.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 41.132 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

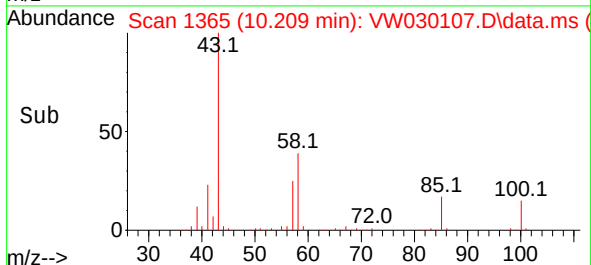
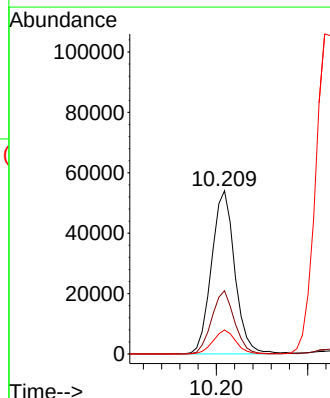
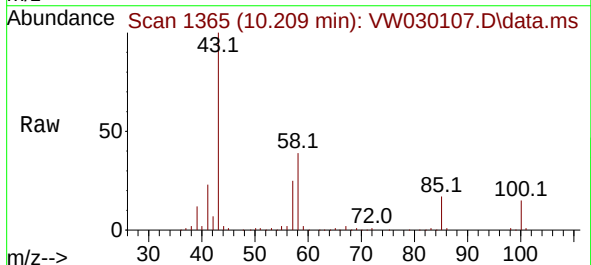
Tgt Ion: 43 Resp: 95271

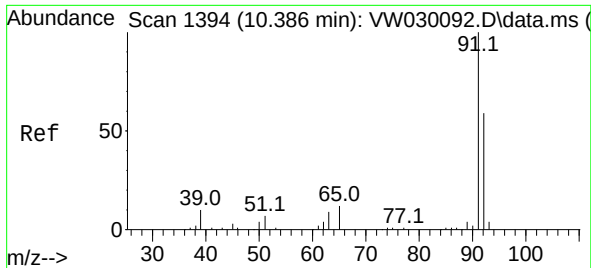
Ion Ratio Lower Upper

43 100

58 37.9 34.0 51.0

100 14.2 13.5 20.3

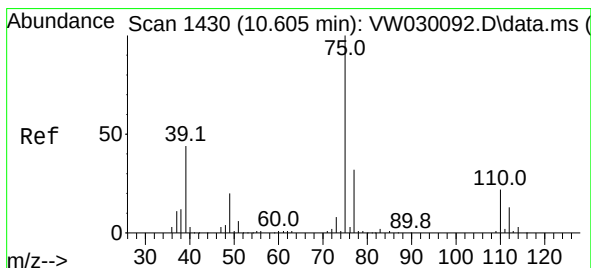
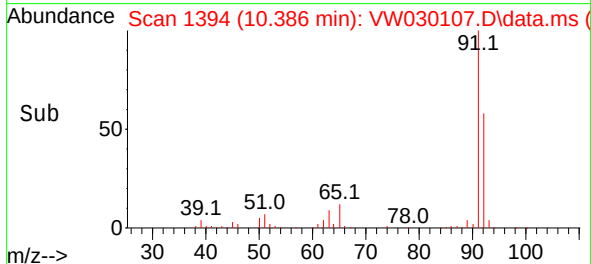
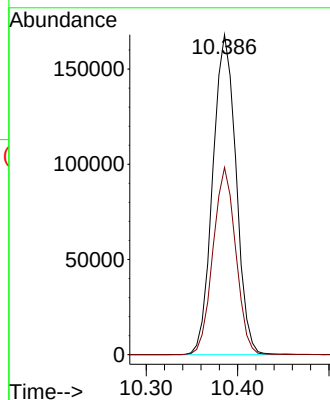
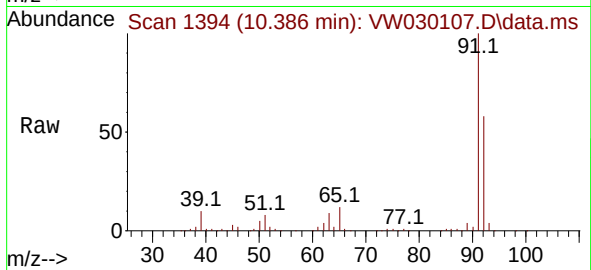




#42
Toluene
Concen: 15.190 ug/L
RT: 10.386 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

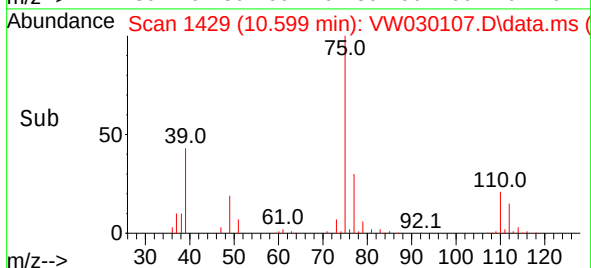
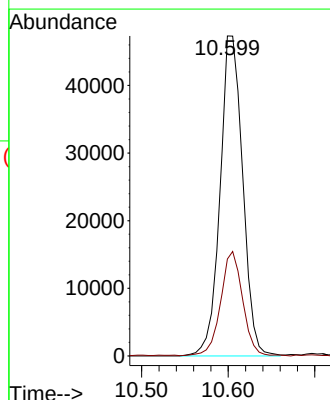
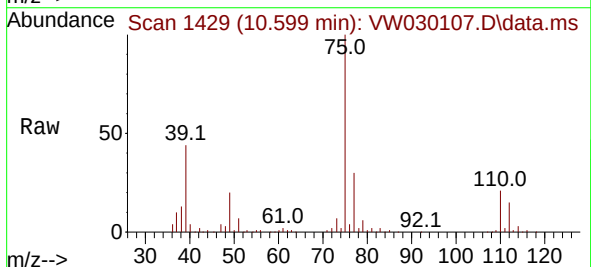
Instrument :
MSVOA_W
ClientSampleId :

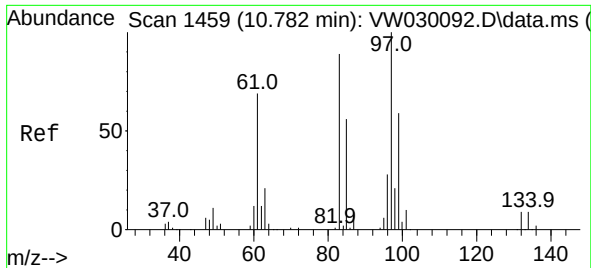
Tgt Ion: 91 Resp: 297239
Ion Ratio Lower Upper
91 100
92 58.5 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 14.842 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion: 75 Resp: 86016
Ion Ratio Lower Upper
75 100
77 30.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 16.217 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 55308

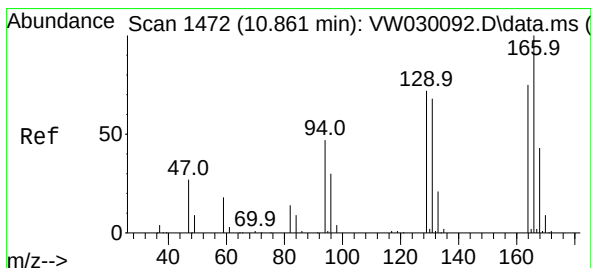
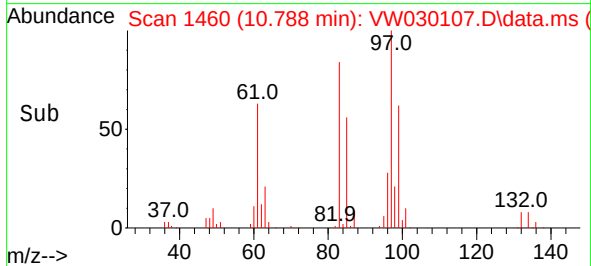
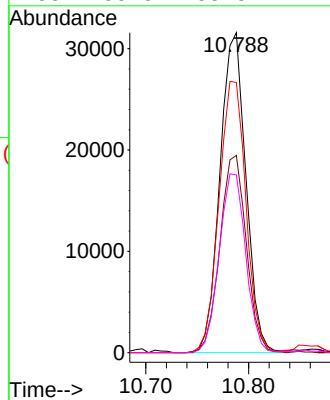
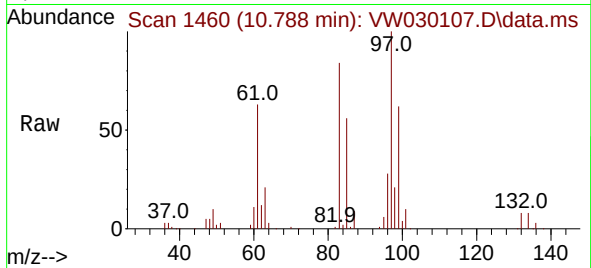
Ion Ratio Lower Upper

97 100

99 61.7 40.3 74.8

83 84.5 58.0 107.6

85 55.5 38.3 71.1



#46

Tetrachloroethene

Concen: 12.581 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Tgt Ion:164 Resp: 47248

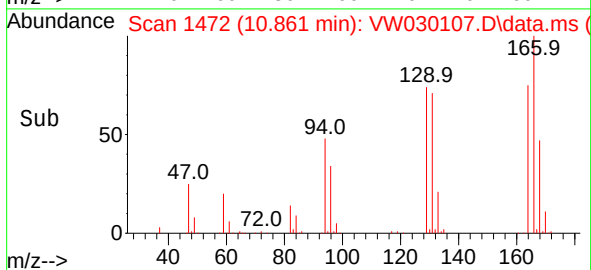
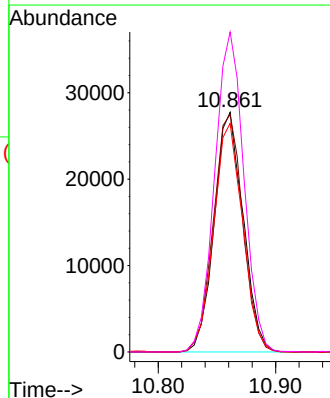
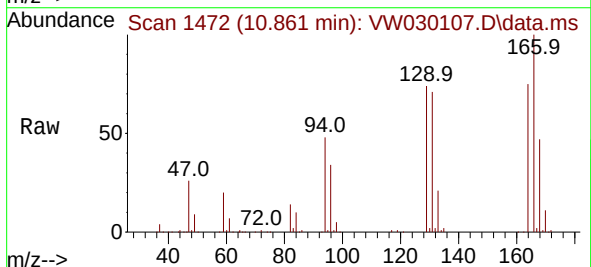
Ion Ratio Lower Upper

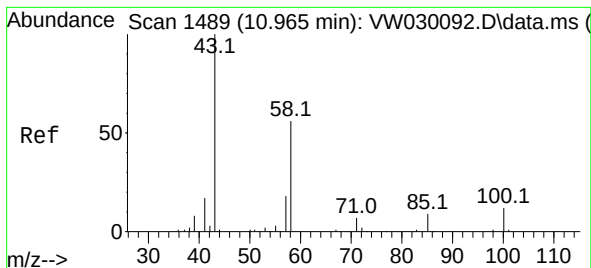
164 100

129 99.1 66.1 122.7

131 95.4 62.6 116.2

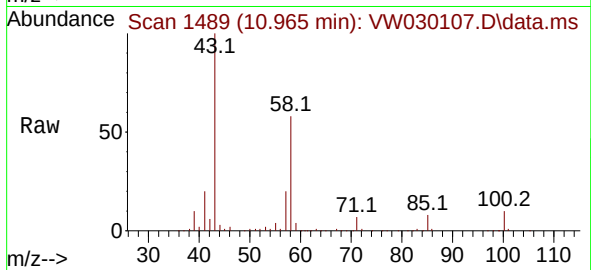
166 133.5 81.2 150.8



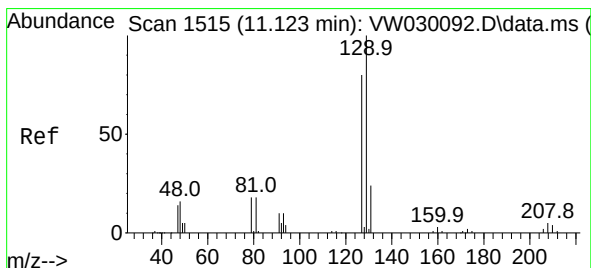
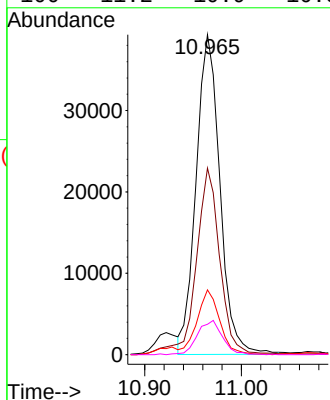
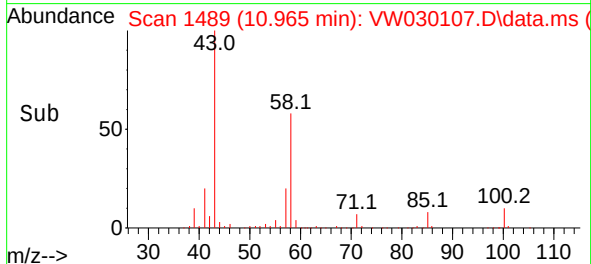


#48
2-Hexanone
Concen: 40.972 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Instrument :
MSVOA_W
ClientSampleId :

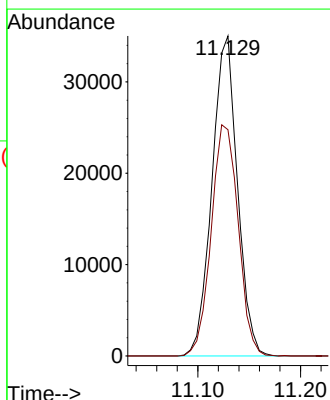
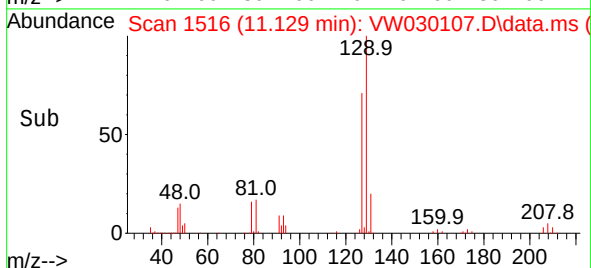
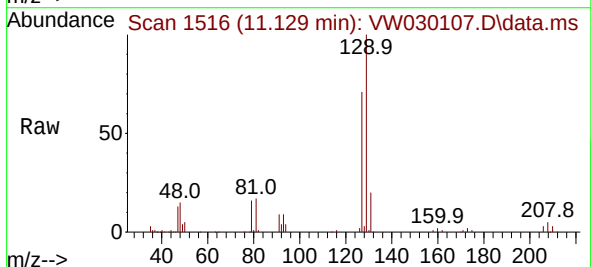


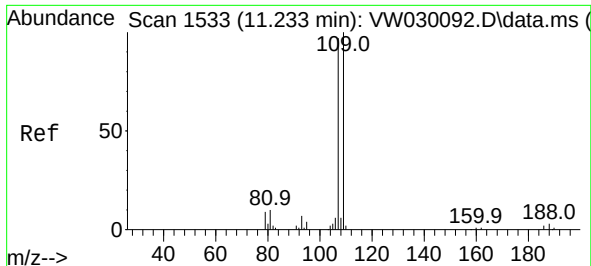
Tgt Ion: 43 Resp: 67465
Ion Ratio Lower Upper
43 100
58 58.0 50.0 75.0
57 19.4 17.3 25.9
100 11.2 10.9 16.3



#49
Dibromochloromethane
Concen: 16.634 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion: 129 Resp: 60276
Ion Ratio Lower Upper
129 100
127 70.7 51.8 96.2





#50

1,2-Dibromoethane

Concen: 16.373 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030107.D

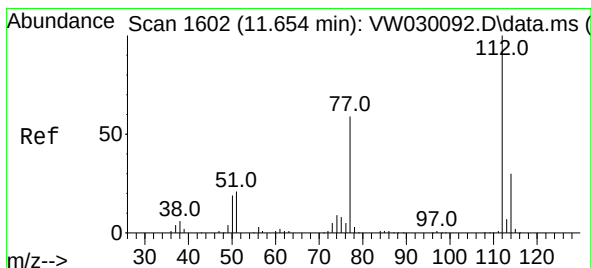
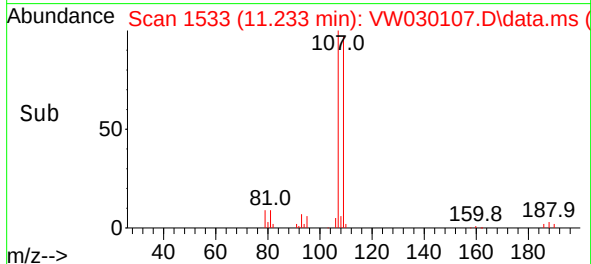
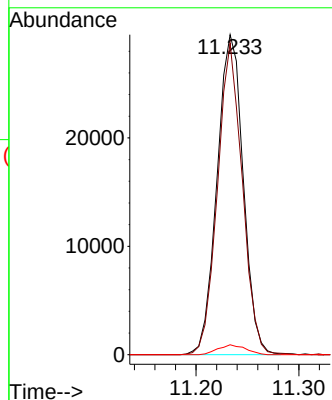
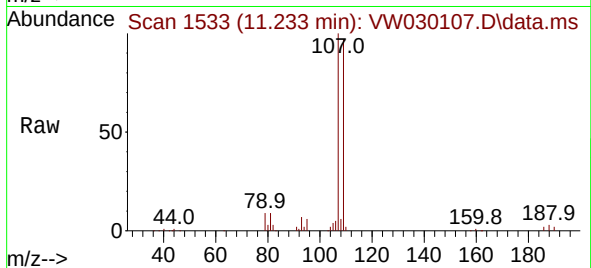
Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	52161
Ion	Ratio	Lower	Upper
107	100		
109	97.3	61.7	114.5
188	3.1	3.1	4.7#



#51

Chlorobenzene

Concen: 14.210 ug/L

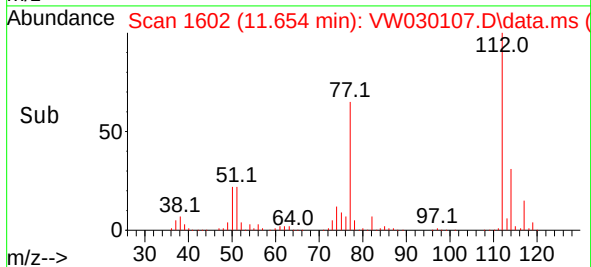
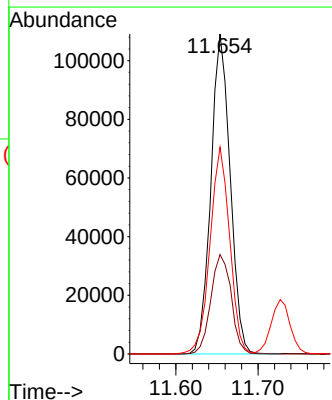
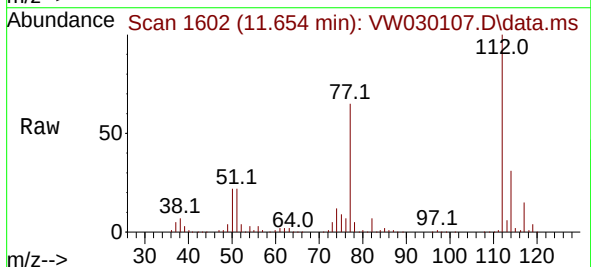
RT: 11.654 min Scan# 1602

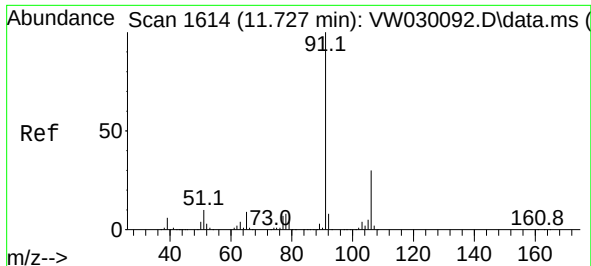
Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Tgt Ion:	112	Resp:	177795
Ion	Ratio	Lower	Upper
112	100		
114	31.1	20.9	38.9
77	64.6	47.1	70.7





#52

Ethylbenzene

Concen: 14.674 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

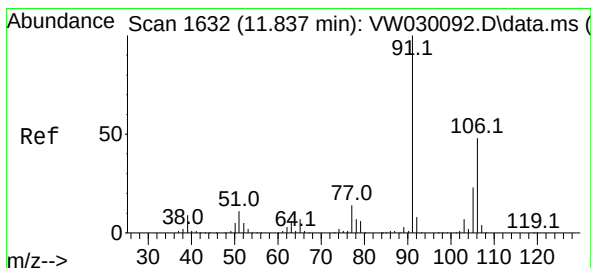
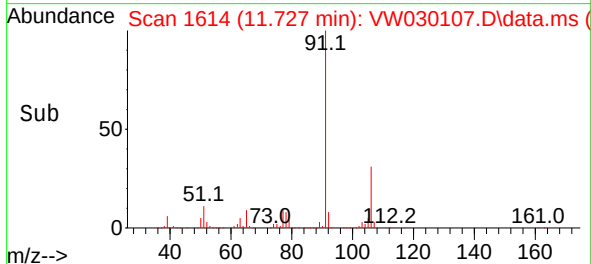
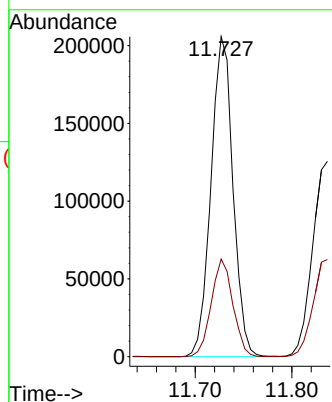
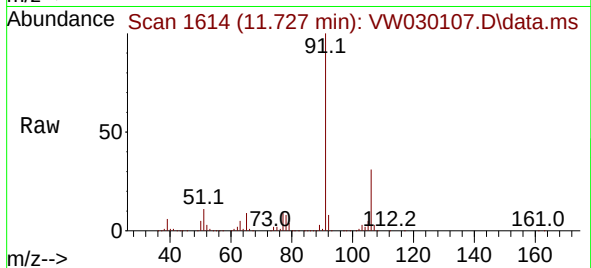
ClientSampleId :

Tgt Ion: 91 Resp: 325348

Ion Ratio Lower Upper

91 100

106 30.5 22.0 41.0



#53

m,p-Xylene

Concen: 14.564 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030107.D

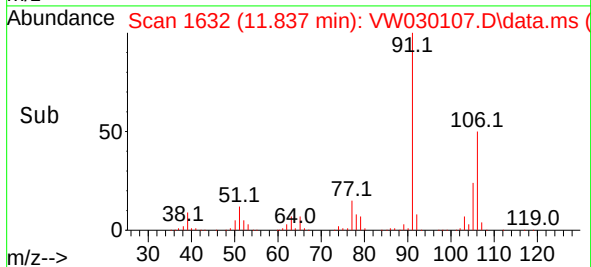
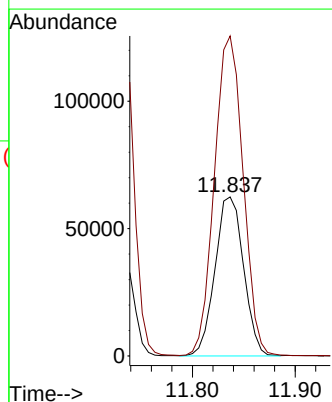
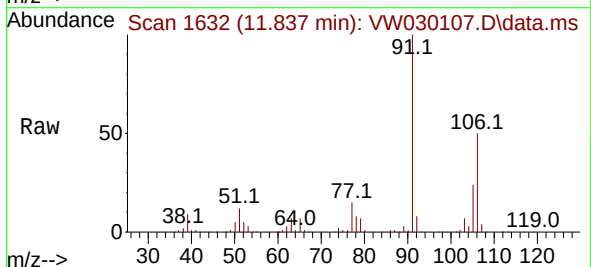
Acq: 29 Aug 2024 18:08

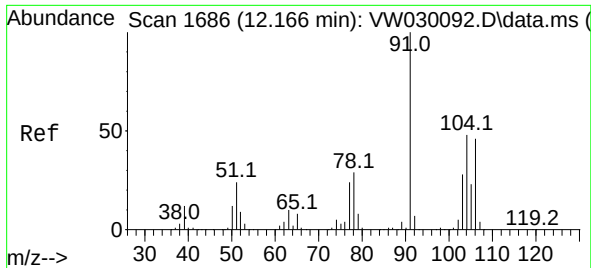
Tgt Ion:106 Resp: 120509

Ion Ratio Lower Upper

106 100

91 201.3 146.7 272.4

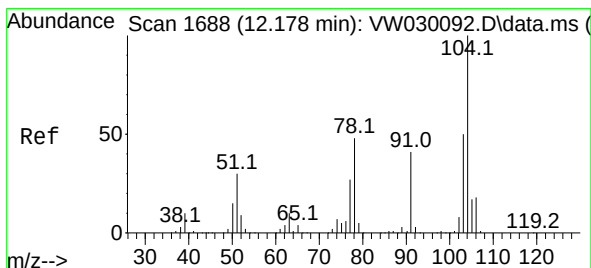
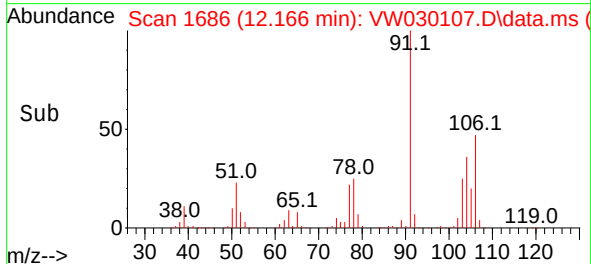
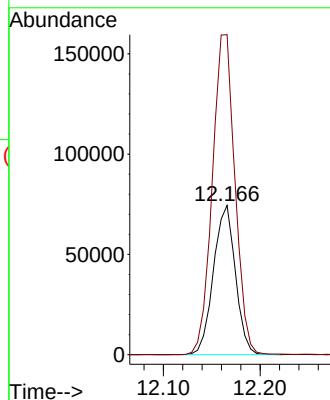
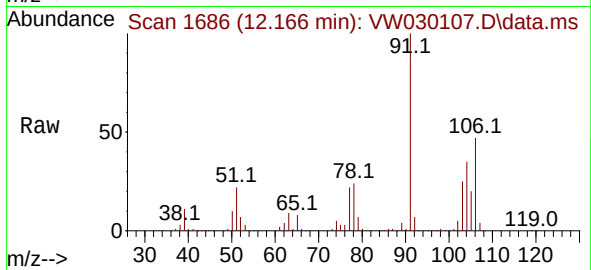




#54
o-Xylene
Concen: 14.759 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

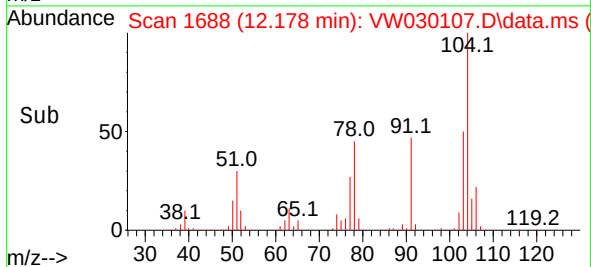
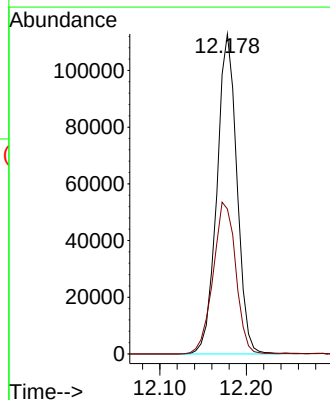
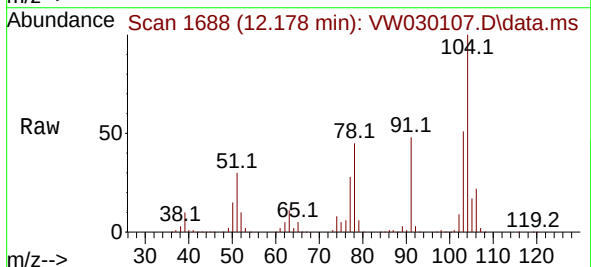
Instrument :
MSVOA_W
ClientSampleId :

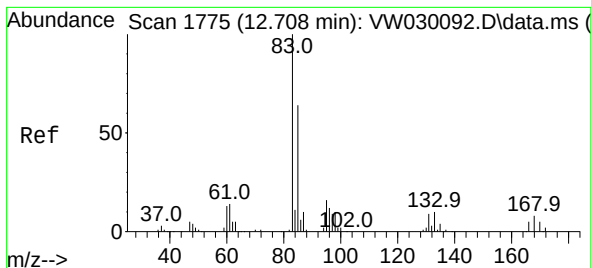
Tgt Ion:106 Resp: 117213
Ion Ratio Lower Upper
106 100
91 214.4 153.9 285.7



#55
Styrene
Concen: 13.599 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion:104 Resp: 180952
Ion Ratio Lower Upper
104 100
78 45.3 32.8 60.8

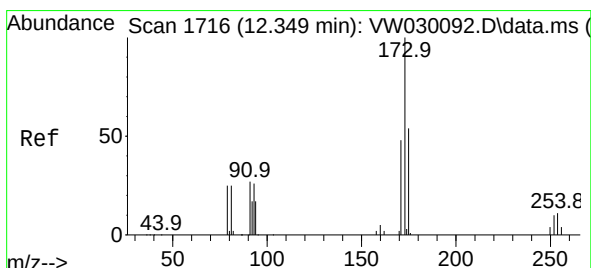
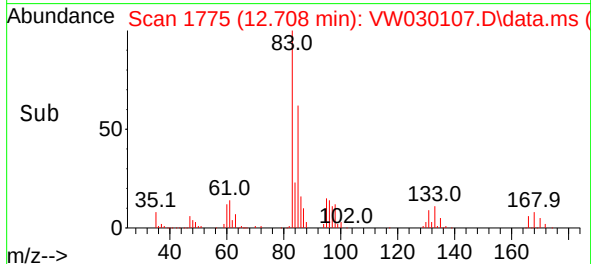
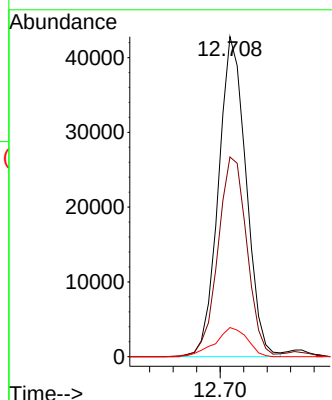
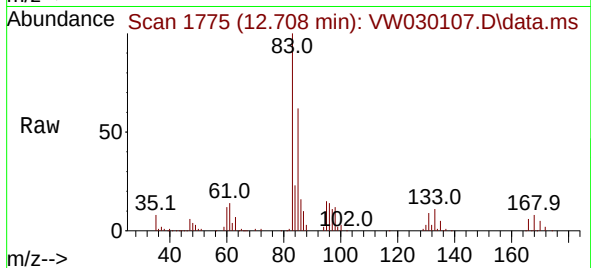




#57
1,1,2,2-Tetrachloroethane
Concen: 18.239 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

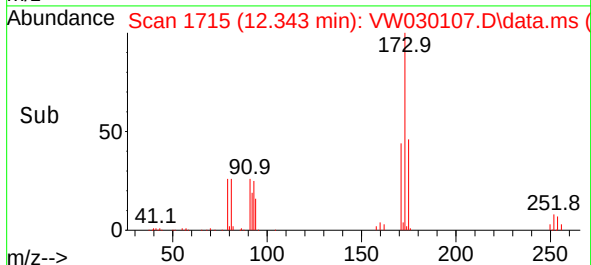
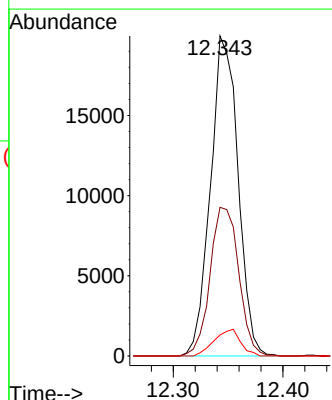
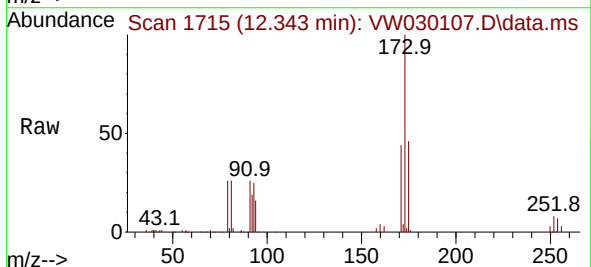
Instrument :
MSVOA_W
ClientSampleId :

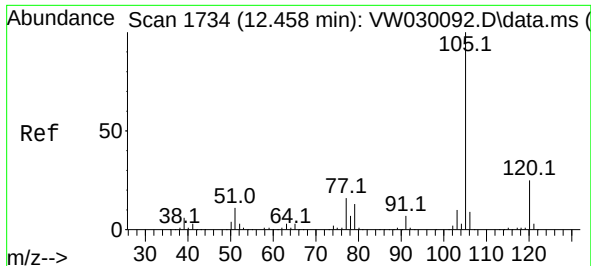
Tgt Ion: 83 Resp: 70048
Ion Ratio Lower Upper
83 100
85 62.4 44.0 81.8
131 9.1 7.3 10.9



#59
Bromoform
Concen: 15.948 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

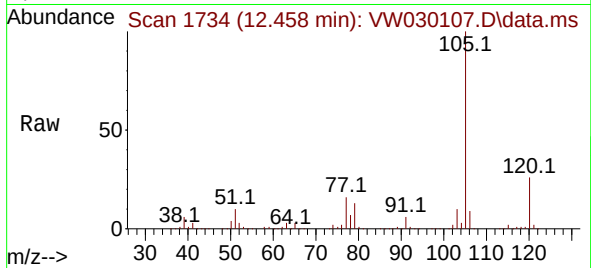
Tgt Ion: 173 Resp: 34870
Ion Ratio Lower Upper
173 100
175 48.4 41.4 62.2
254 7.9 8.6 13.0#



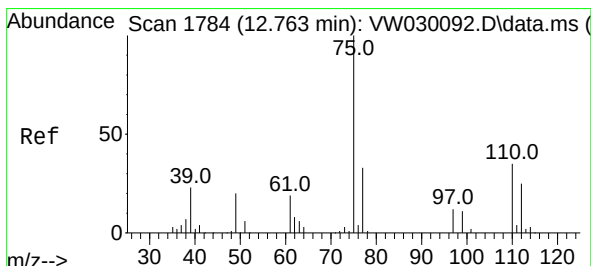
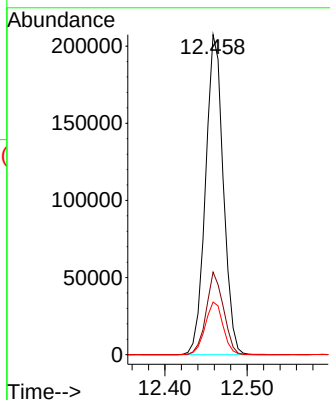
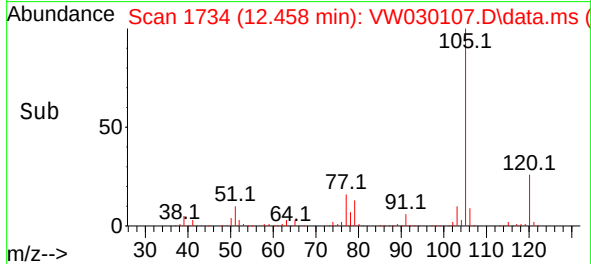


#60
Isopropylbenzene
Concen: 13.293 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

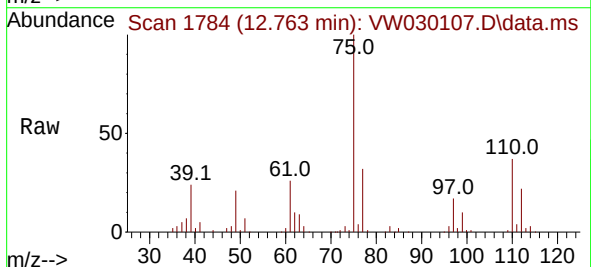
Instrument :
MSVOA_W
ClientSampleId :



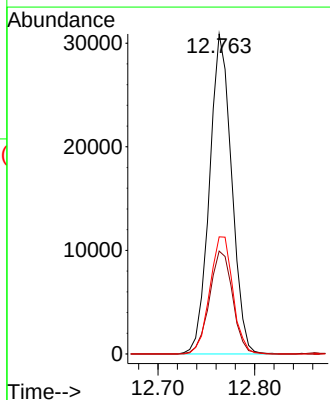
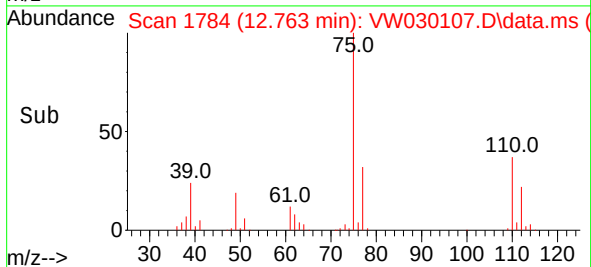
Tgt Ion:105 Resp: 311374
Ion Ratio Lower Upper
105 100
120 25.1 20.6 30.8
77 16.7 12.6 18.8

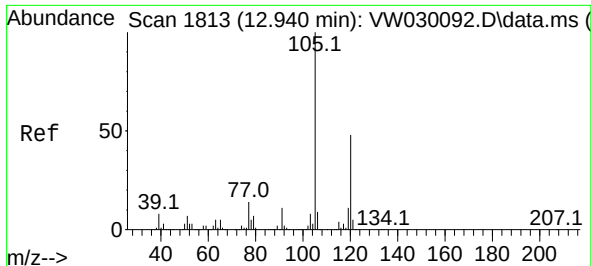


#61
1,2,3-Trichloropropane
Concen: 16.463 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08



Tgt Ion: 75 Resp: 49147
Ion Ratio Lower Upper
75 100
77 33.8 26.0 39.0
110 38.1 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 14.452 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

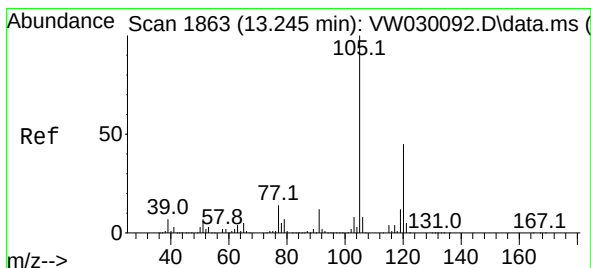
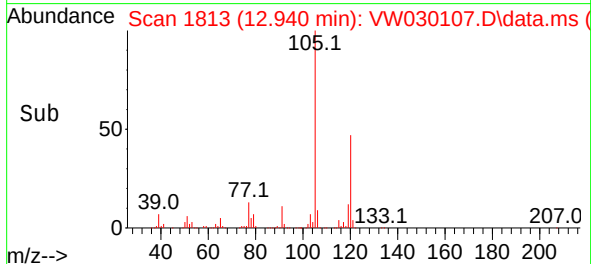
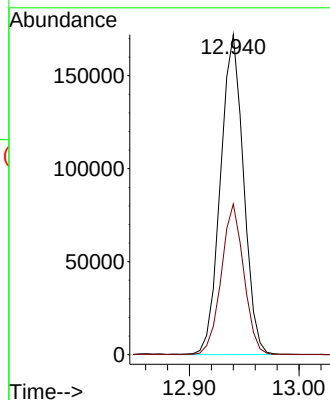
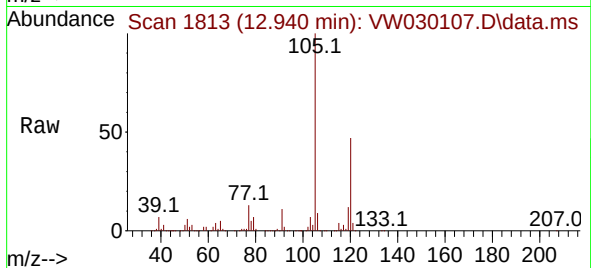
ClientSampleId :

Tgt Ion:105 Resp: 251705

Ion Ratio Lower Upper

105 100

120 46.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 13.823 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030107.D

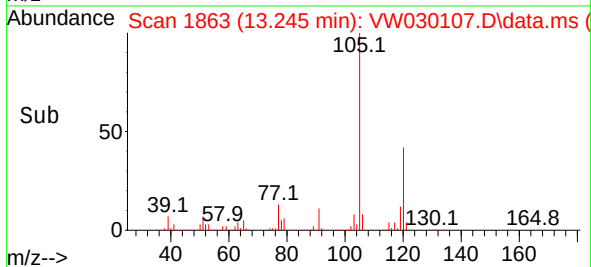
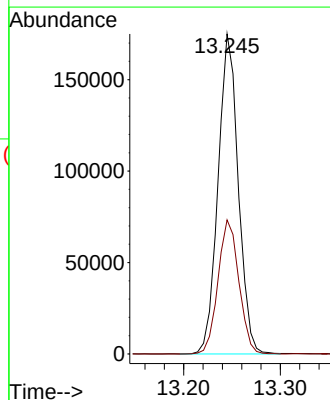
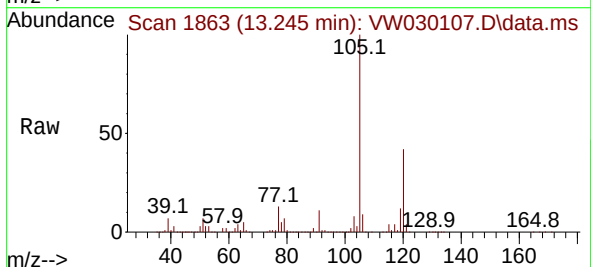
Acq: 29 Aug 2024 18:08

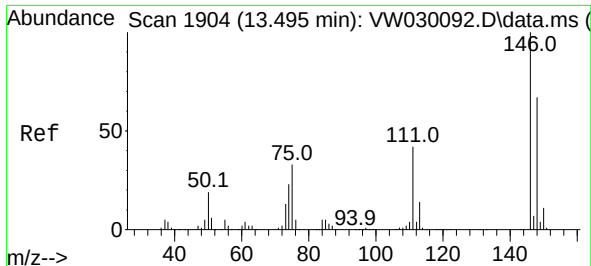
Tgt Ion:105 Resp: 253764

Ion Ratio Lower Upper

105 100

120 43.2 36.3 54.5

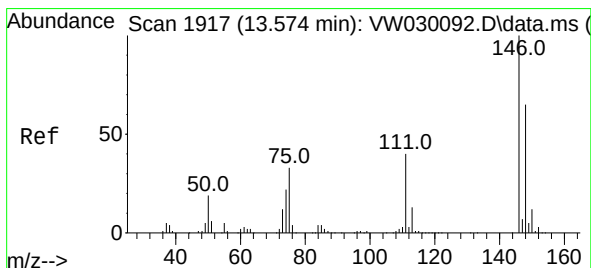
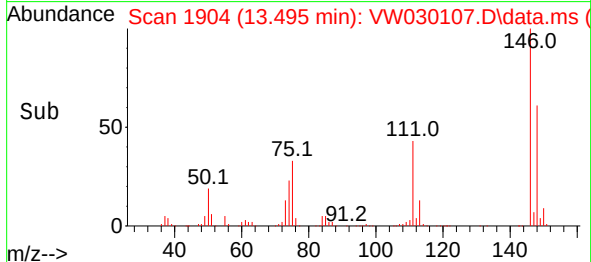
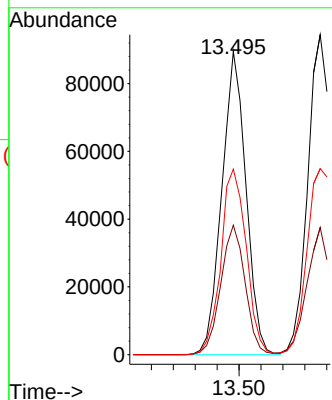
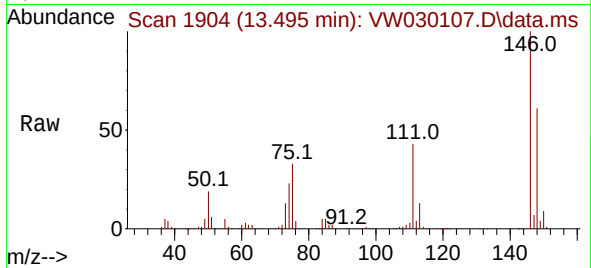




#64
1,3-Dichlorobenzene
Concen: 13.705 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

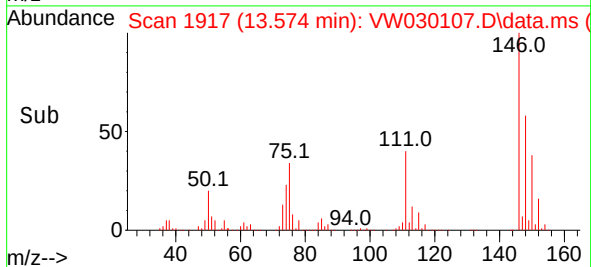
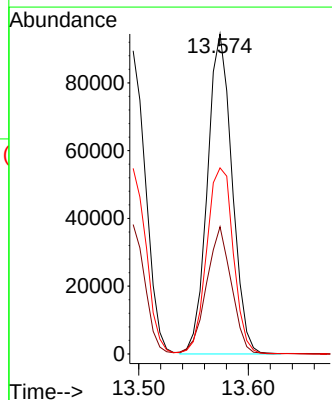
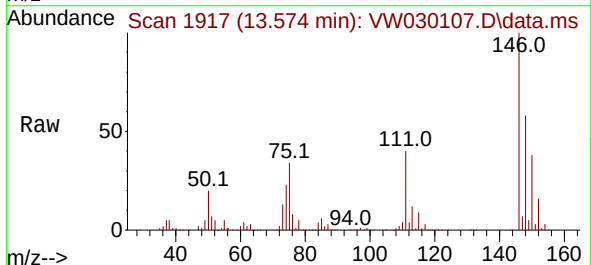
Instrument :
MSVOA_W
ClientSampleId :

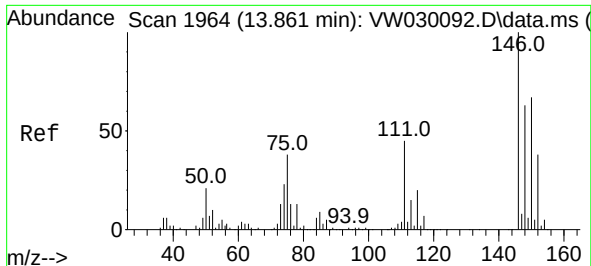
Tgt Ion:146 Resp: 136861
Ion Ratio Lower Upper
146 100
111 42.7 29.1 54.1
148 61.2 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 14.650 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030107.D
Acq: 29 Aug 2024 18:08

Tgt Ion:146 Resp: 147790
Ion Ratio Lower Upper
146 100
111 39.7 28.2 52.4
148 58.1 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 14.874 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

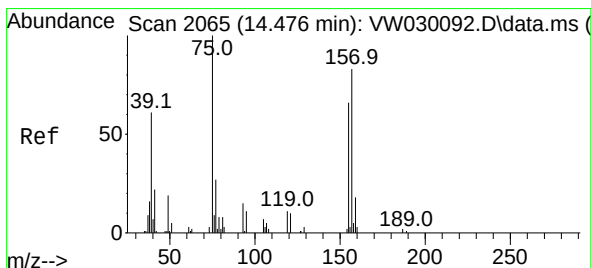
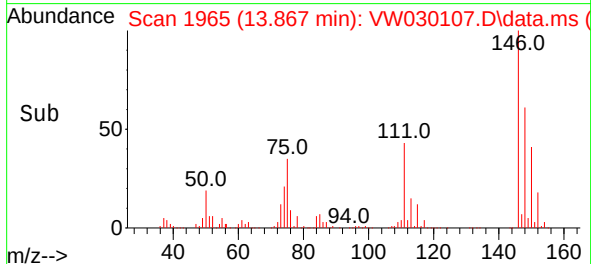
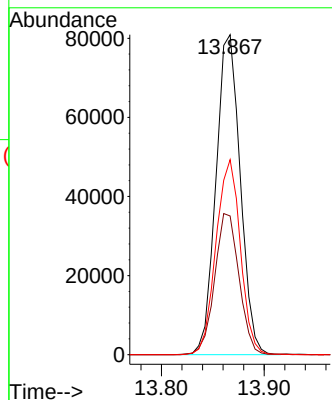
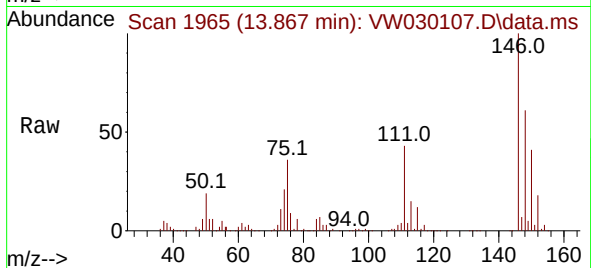
Tgt Ion:146 Resp: 132871

Ion Ratio Lower Upper

146 100

111 43.4 34.7 52.1

148 61.0 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 17.750 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

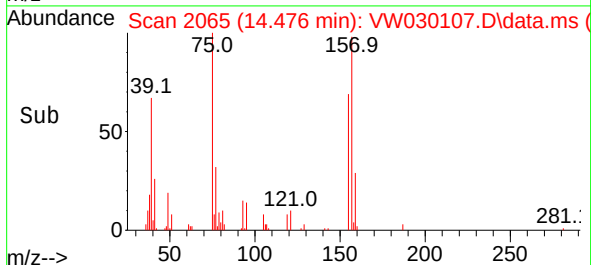
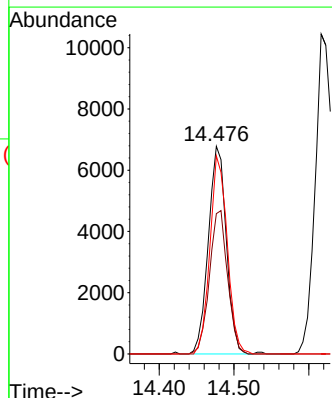
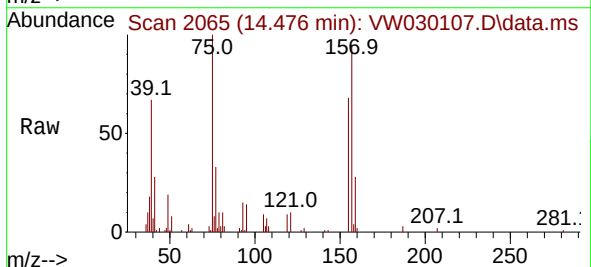
Tgt Ion: 75 Resp: 11343

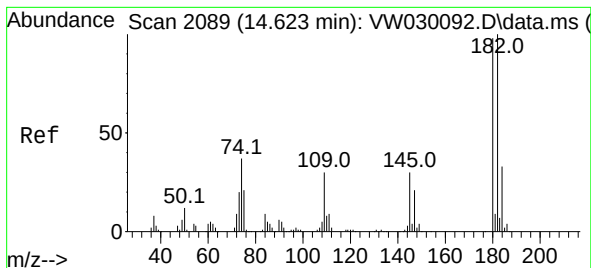
Ion Ratio Lower Upper

75 100

155 67.5 62.8 94.2

157 95.4 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 13.126 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

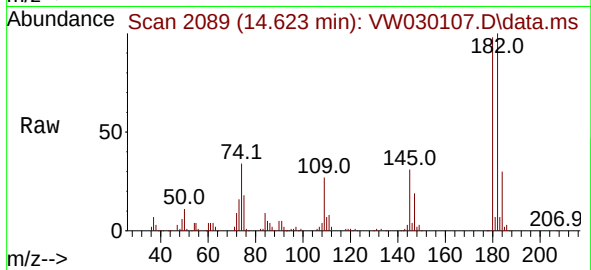
Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 85579

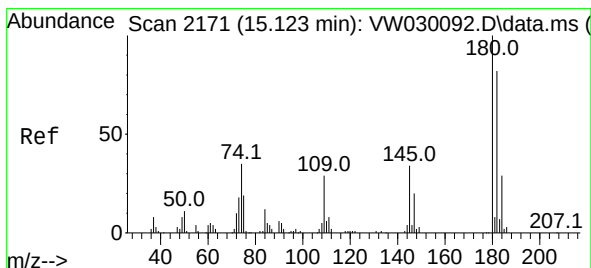
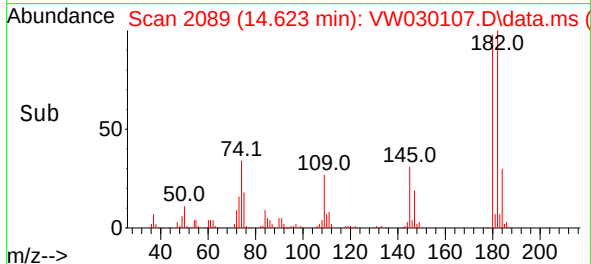
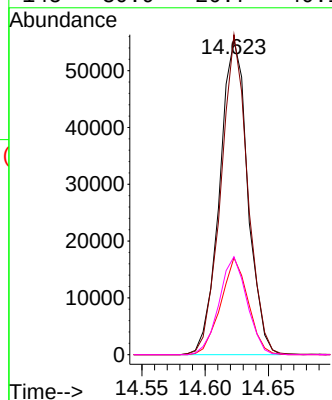
Ion Ratio Lower Upper

180 100

182 97.0 79.7 119.5

184 30.0 25.1 37.7

145 30.9 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 13.445 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

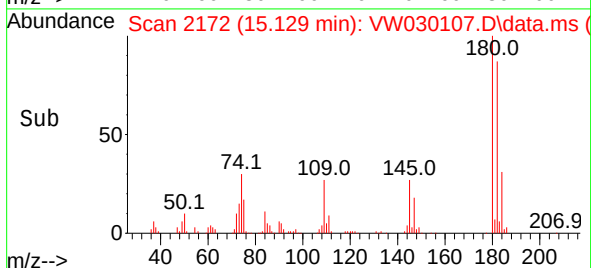
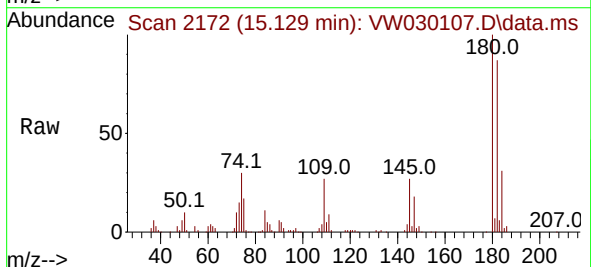
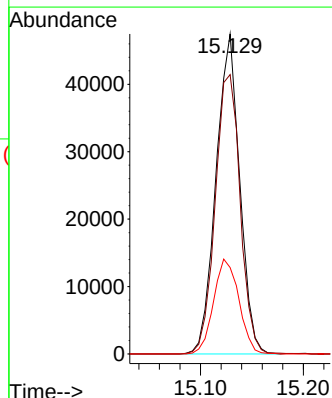
Tgt Ion:180 Resp: 75865

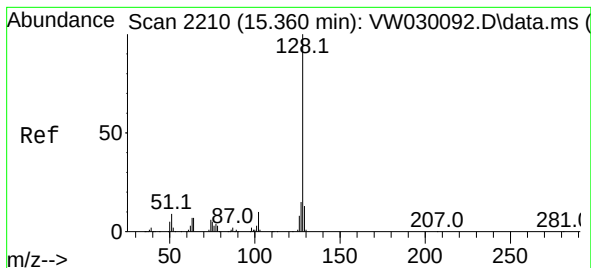
Ion Ratio Lower Upper

180 100

182 91.8 75.3 112.9

145 31.7 24.7 37.1





#71

Naphthalene

Concen: 15.702 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

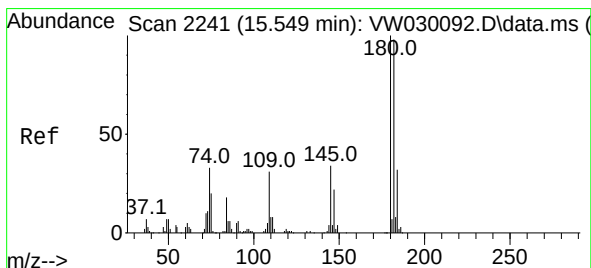
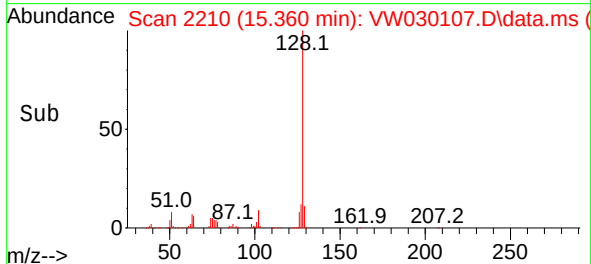
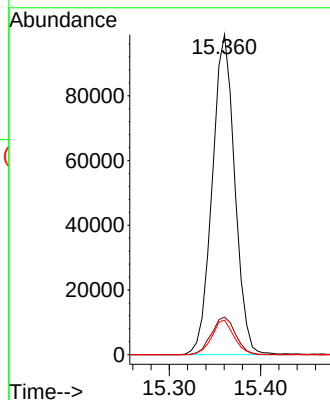
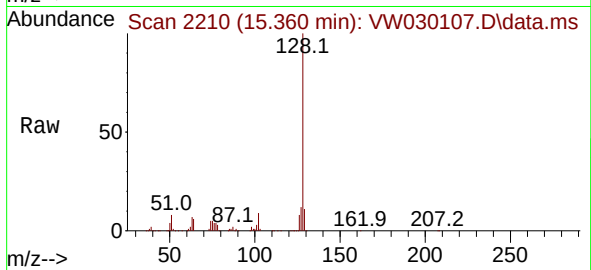
Tgt Ion:128 Resp: 169189

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

129 10.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 13.668 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW030107.D

Acq: 29 Aug 2024 18:08

Tgt Ion:180 Resp: 67699

Ion Ratio Lower Upper

180 100

182 99.7 77.2 115.8

145 35.1 26.5 39.7

