

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103124\
 Data File : VW030870.D
 Acq On : 31 Oct 2024 18:50
 Operator : SY/MD
 Sample : P4581-02MS
 Misc : 5.07g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC9MS

Quant Time: Nov 01 03:16:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	436417	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	404028	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	191934	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	157462	22.954	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.800%		
7) Chloroethane-d5	2.899	69	138986	26.766	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	107.080%		
11) 1,1-Dichloroethene-d2	4.021	65	64620	22.648	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.600%		
21) 2-Butanone-d5	7.075	46	45040	36.484	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.960%		
24) Chloroform-d	7.648	84	270409	21.666	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.680%		
26) 1,2-Dichloroethane-d4	8.307	65	138323	21.313	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.240%		
32) Benzene-d6	8.276	84	490364	20.911	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.640%		
36) 1,2-Dichloropropane-d6	9.276	67	149273	21.688	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.760%		
41) Toluene-d8	10.319	98	454388	21.226	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.920%		
43) trans-1,3-Dichloroprop...	10.575	79	57844	20.071	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.280%		
47) 2-Hexanone-d5	10.922	63	38959	43.947	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.900%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115924	22.934	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.720%		
66) 1,2-Dichlorobenzene-d4	13.849	152	153815	23.685	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80847	14.500	ug/L	92
3) Chloromethane	2.229	50	122024	18.829	ug/L	97
5) Vinyl chloride	2.375	62	153508	19.262	ug/L	97
6) Bromomethane	2.790	94	107490	20.492	ug/L	88
8) Chloroethane	2.936	64	101560	20.847	ug/L	100
9) Trichlorofluoromethane	3.265	101	140076	19.643	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	118683	18.499	ug/L	97
12) 1,1-Dichloroethene	4.039	96	111330m	19.014	ug/L	
13) Acetone	4.119	43	48649	26.917	ug/L	99
14) Carbon disulfide	4.387	76	346315	18.112	ug/L	98
15) Methyl Acetate	4.667	43	39103	17.515	ug/L	98
16) Methylene chloride	4.923	84	115296	17.475	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	102251	16.184	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	149391	16.895	ug/L	99
19) 1,1-Dichloroethane	6.216	63	199927	17.026	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	109312	16.221	ug/L	98
22) 2-Butanone	7.167	43	48945	25.123	ug/L	95
23) Bromochloromethane	7.514	128	49577	16.816	ug/L	90
25) Chloroform	7.679	83	209913	16.728	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136475	16.485	ug/L	100
29) Cyclohexane	7.959	56	158286	16.094	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	168777	15.736	ug/L	98
31) Carbon tetrachloride	8.069	117	150006	15.659	ug/L	98
33) Benzene	8.325	78	443270	16.859	ug/L	100
34) Trichloroethene	9.093	95	109887	15.023	ug/L	97
35) Methylcyclohexane	9.337	83	178714	15.525	ug/L	99
37) 1,2-Dichloropropane	9.368	63	112487	17.130	ug/L	100
38) Bromodichloromethane	9.642	83	149464	17.108	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	169515	17.114	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	107333	34.024	ug/L	98
42) Toluene	10.386	91	459696	16.388	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	139619	16.774	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	78676	16.578	ug/L	96
46) Tetrachloroethene	10.855	164	79689	14.771	ug/L	96
48) 2-Hexanone	10.965	43	77249	29.944	ug/L	100
49) Dibromochloromethane	11.129	129	90448	17.080	ug/L	99
50) 1,2-Dibromoethane	11.233	107	72337	16.335	ug/L	99
51) Chlorobenzene	11.654	112	292551	16.202	ug/L	94
52) Ethylbenzene	11.727	91	529657	16.548	ug/L	97
53) m,p-Xylene	11.837	106	211167	17.610	ug/L	98
54) o-Xylene	12.160	106	201697	18.194	ug/L	93
55) Styrene	12.178	104	344544	18.180	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	98537	18.412	ug/L	99
59) Bromoform	12.349	173	53609	19.880	ug/L	96
60) Isopropylbenzene	12.459	105	489884	16.481	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63931	17.117	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	413109	17.617	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	388690	16.929	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	211369	16.337	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	217469	16.279	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	204940	18.001	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	15673	18.820	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	133572	15.656	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	106716	15.538	ug/L	94
71) Naphthalene	15.360	128	214352	18.064	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	100264	16.839	ug/L	98

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

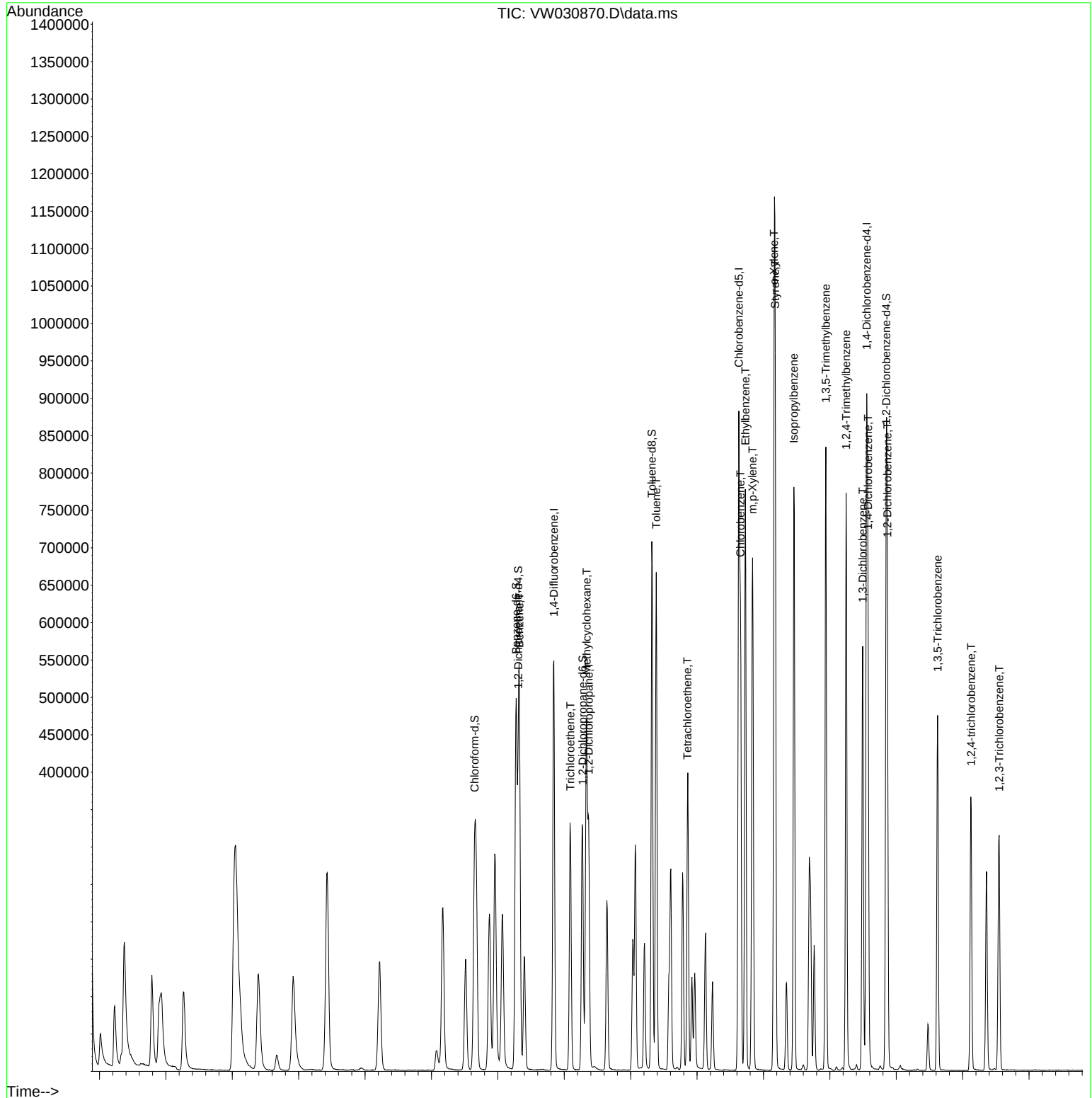
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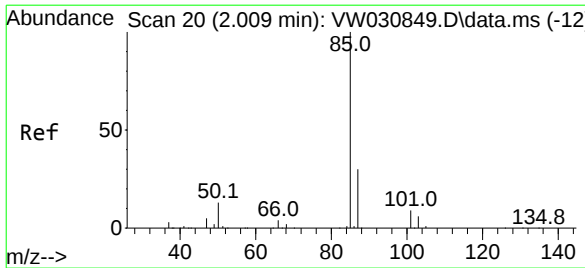
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS

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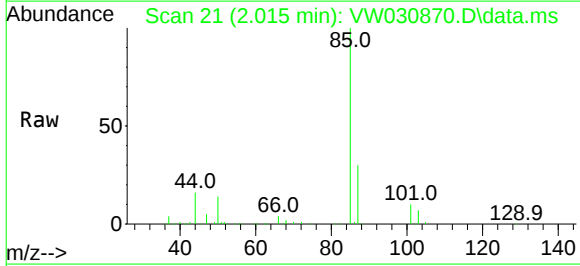
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024





#2
Dichlorodifluoromethane
Concen: 14.500 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

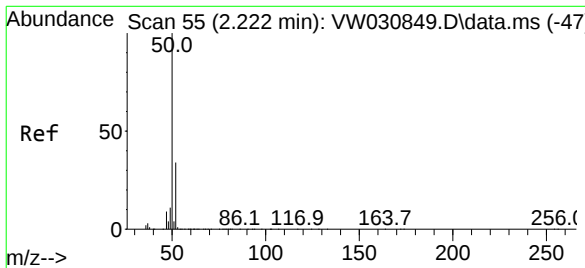
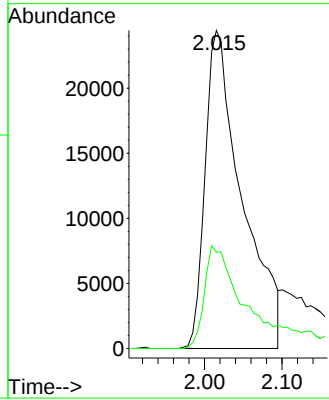
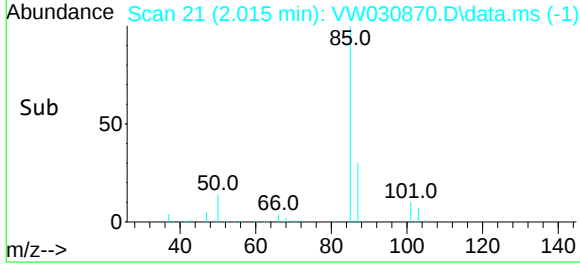
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



Tgt Ion: 85 Resp: 80847
Ion Ratio Lower Upper
85 100
87 25.3 23.8 35.6

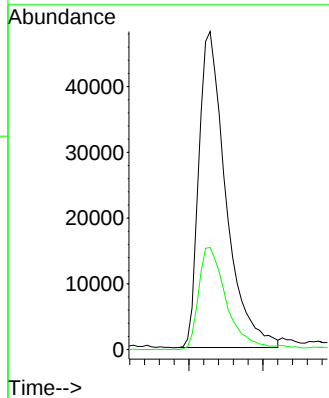
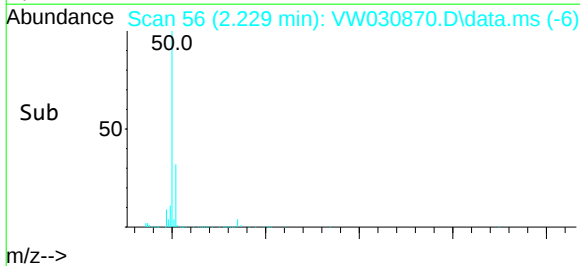
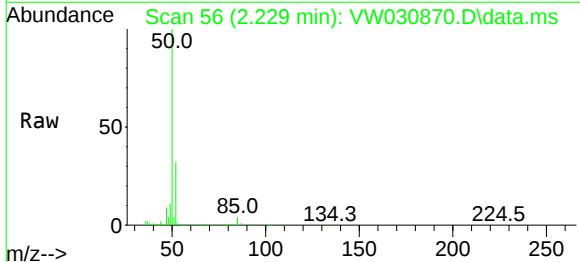
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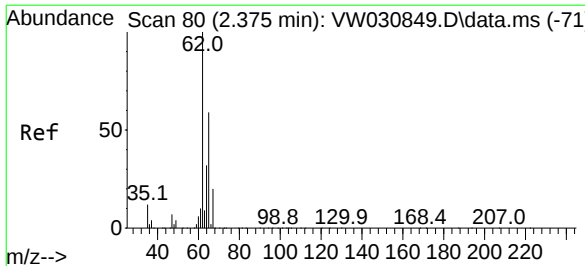
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#3
Chloromethane
Concen: 18.829 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

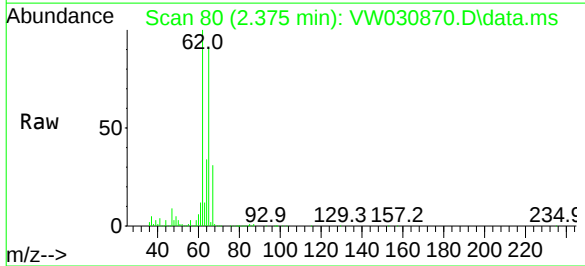
Tgt Ion: 50 Resp: 122024
Ion Ratio Lower Upper
50 100
52 32.1 23.7 43.9





#5
 Vinyl chloride
 Concen: 19.262 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030870.D
 Acq: 31 Oct 2024 18:50

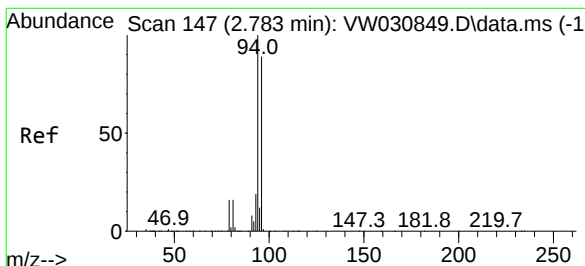
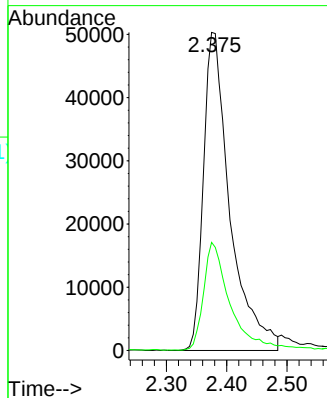
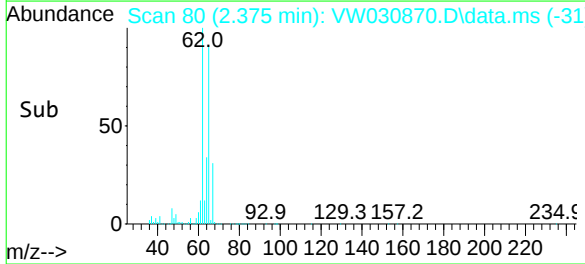
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC9MS



Tgt Ion: 62 Resp: 153508
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.6 42.0

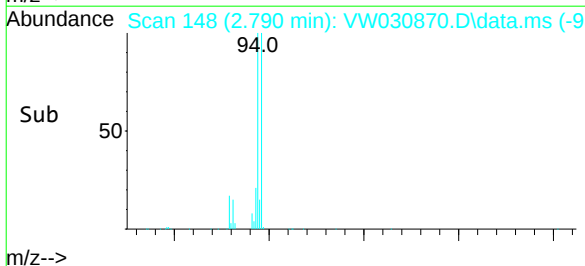
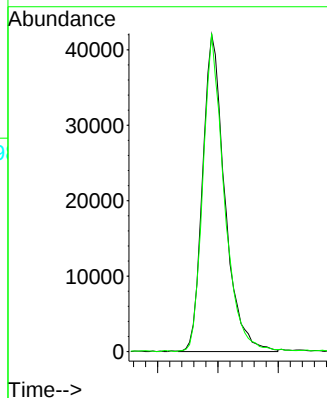
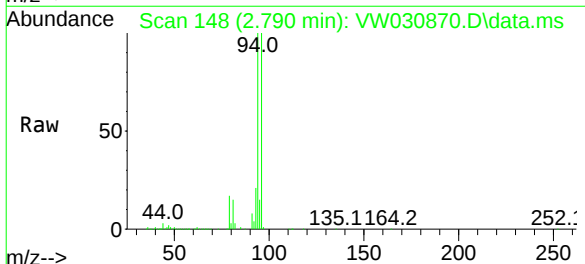
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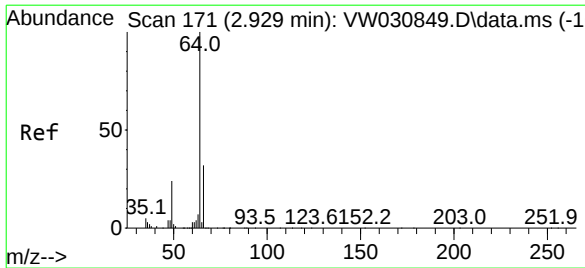
Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024



#6
 Bromomethane
 Concen: 20.492 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW030870.D
 Acq: 31 Oct 2024 18:50

Tgt Ion: 94 Resp: 107490
 Ion Ratio Lower Upper
 94 100
 96 100.3 62.6 116.2





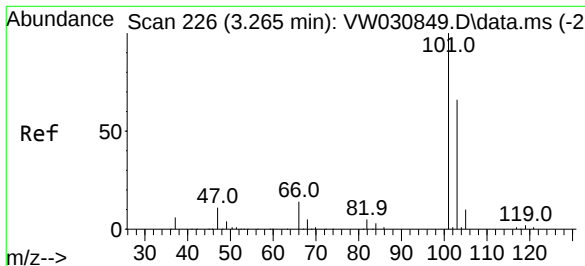
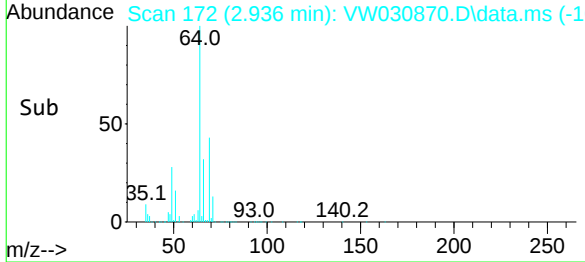
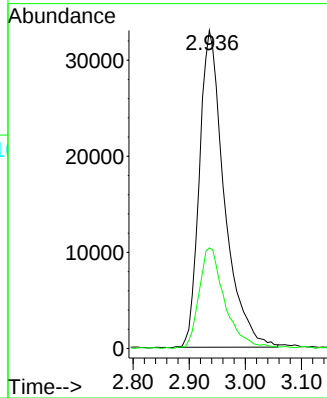
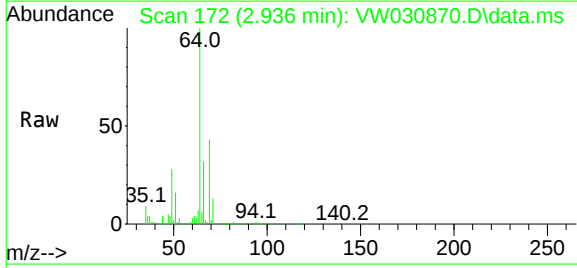
#8
Chloroethane
Concen: 20.847 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS

Tgt Ion: 64 Resp: 101560
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.5

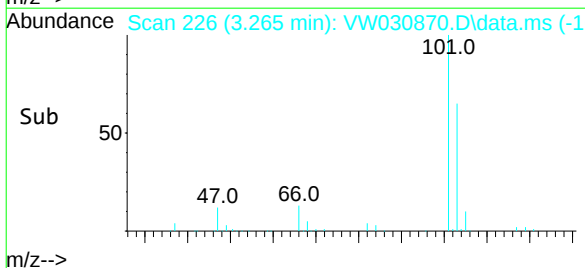
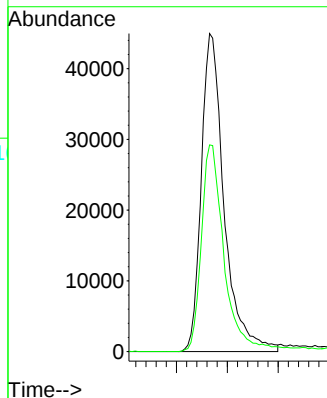
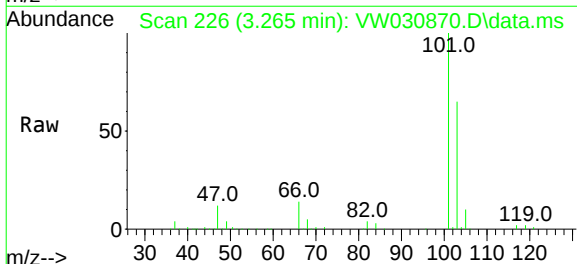
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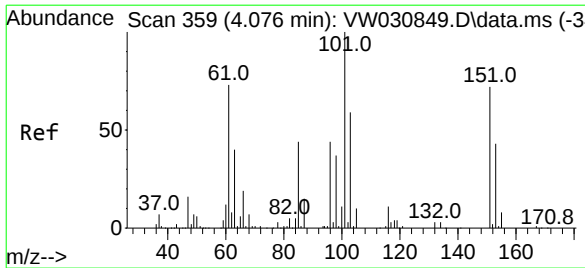
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#9
Trichlorofluoromethane
Concen: 19.643 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

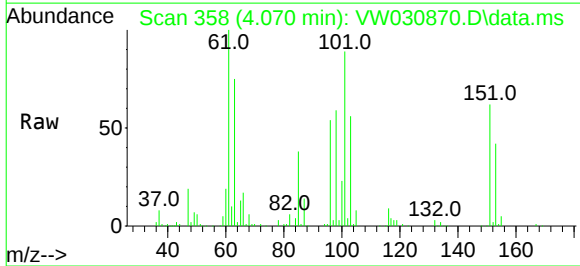
Tgt Ion:101 Resp: 140076
Ion Ratio Lower Upper
101 100
103 64.0 51.1 76.7





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.499 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

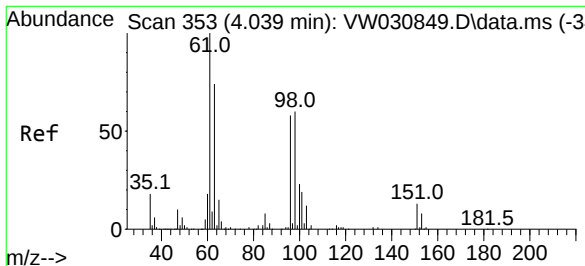
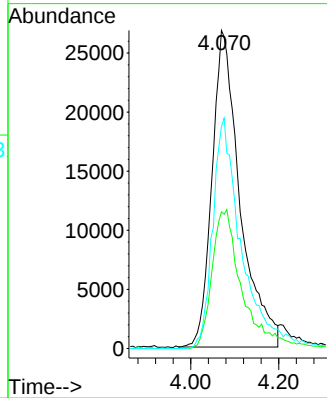
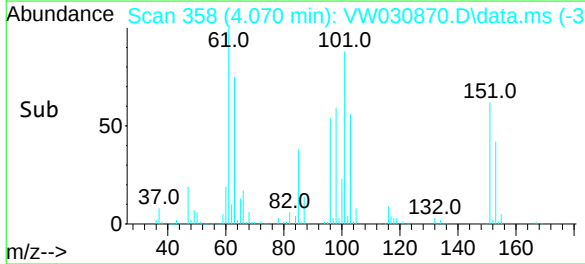
Instrument :
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Tgt Ion: 101 Resp: 118683
Ion Ratio Lower Upper
101 100
85 42.1 35.7 53.5
151 72.2 56.1 84.1

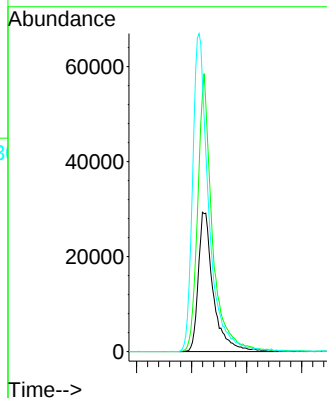
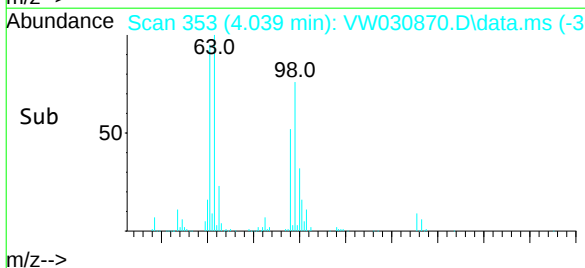
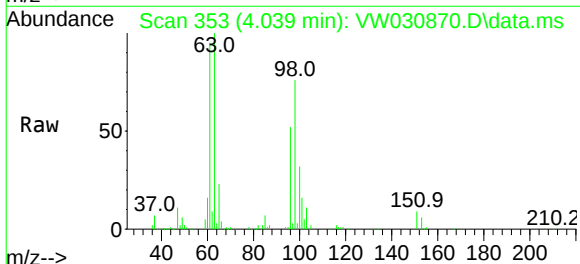
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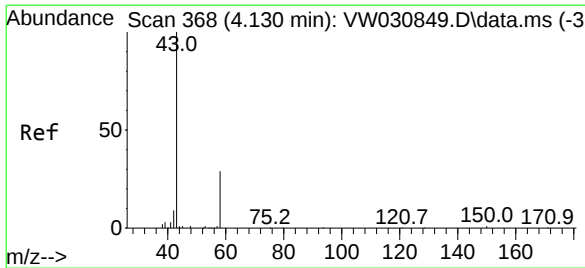
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#12
1,1-Dichloroethene
Concen: 19.014 ug/L m
RT: 4.039 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Tgt Ion: 96 Resp: 111330
Ion Ratio Lower Upper
96 100
61 184.1 121.3 225.3
63 193.1 87.6 162.8#





#13

Acetone

Concen: 26.917 ug/L

RT: 4.119 min Scan# 368

Delta R.T. -0.012 min

Lab File: VW030870.D

Acq: 31 Oct 2024 18:50

Instrument :

MSVOA_W

ClientSampleId :

A4EC9MS

Tgt Ion: 43 Resp: 48649

Ion Ratio Lower Upper

43 100

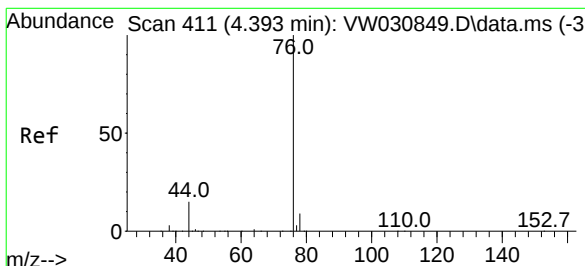
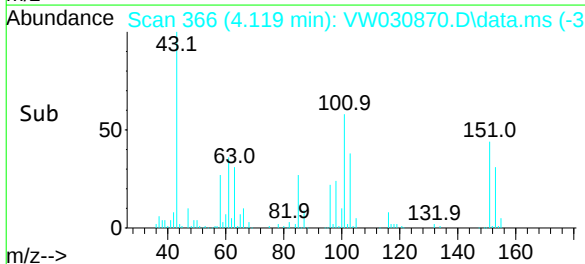
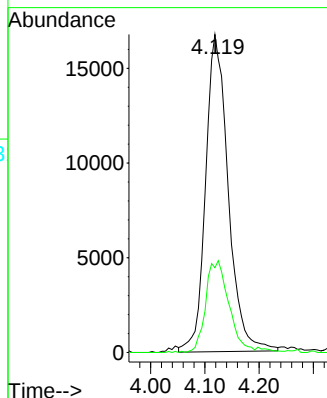
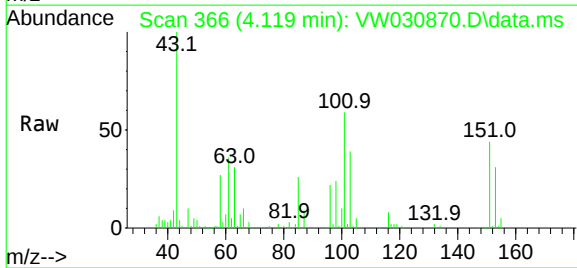
58 29.4 0.0 57.6

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#14

Carbon disulfide

Concen: 18.112 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW030870.D

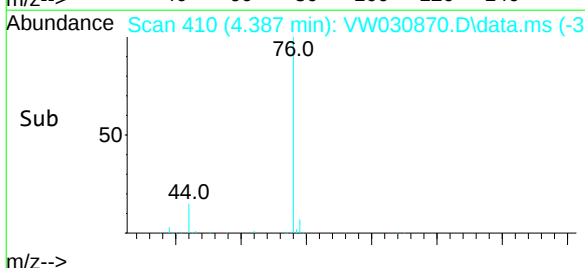
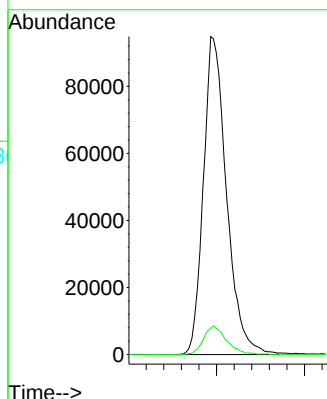
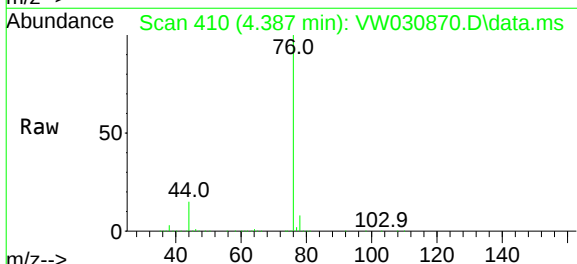
Acq: 31 Oct 2024 18:50

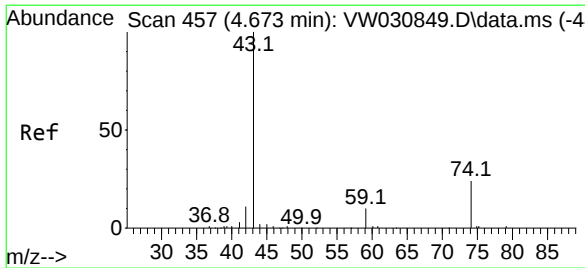
Tgt Ion: 76 Resp: 346315

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7





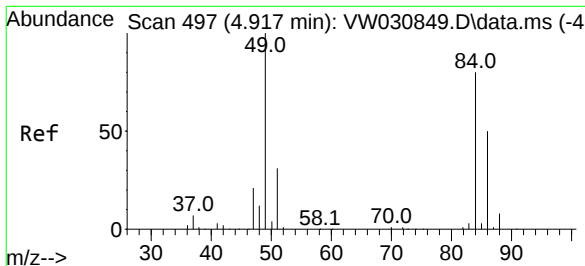
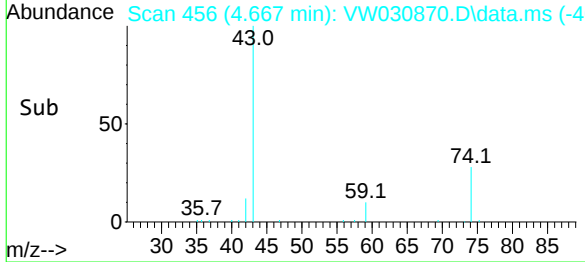
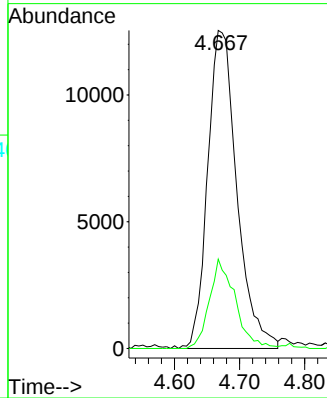
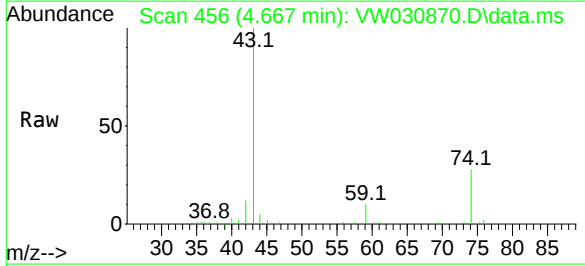
#15
Methyl Acetate
Concen: 17.515 ug/L
RT: 4.667 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS

Tgt Ion: 43 Resp: 39103
Ion Ratio Lower Upper
43 100
74 24.9 19.3 28.9

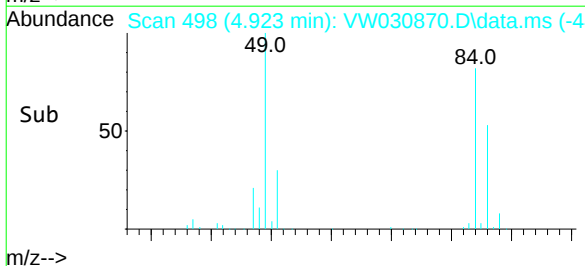
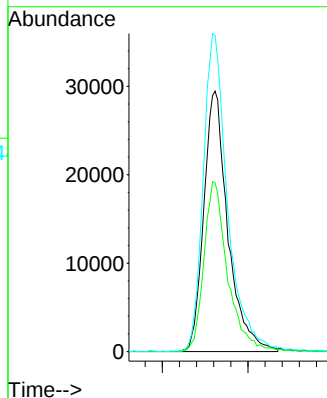
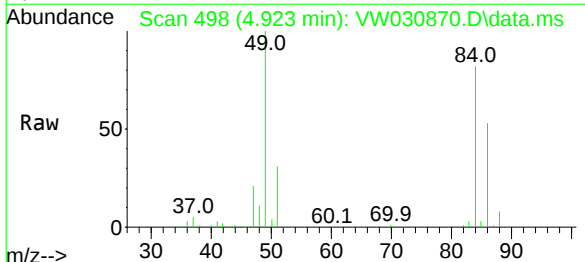
Manual Integrations
APPROVED

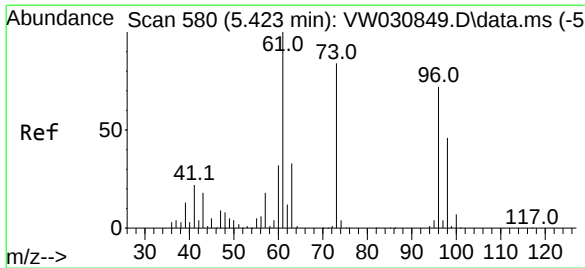
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#16
Methylene chloride
Concen: 17.475 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Tgt Ion: 84 Resp: 115296
Ion Ratio Lower Upper
84 100
86 64.8 43.8 81.3
49 121.4 88.3 164.1





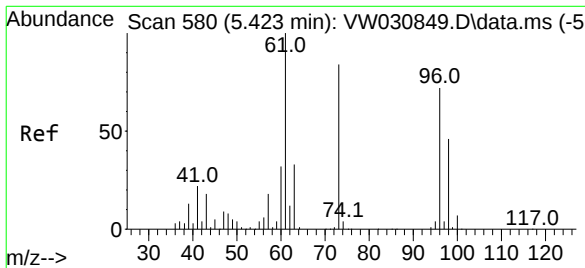
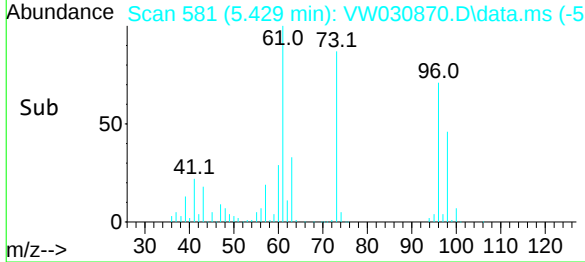
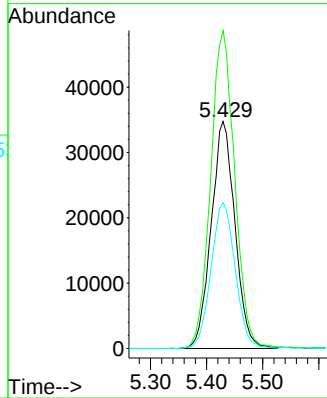
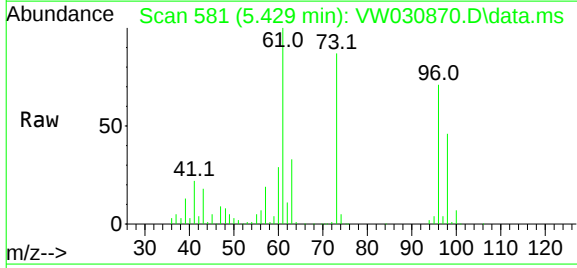
#17
trans-1,2-Dichloroethene
Concen: 16.184 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS

Tgt Ion: 96 Resp: 102251
Ion Ratio Lower Upper
96 100
61 140.1 96.9 179.9
98 64.2 42.2 78.4

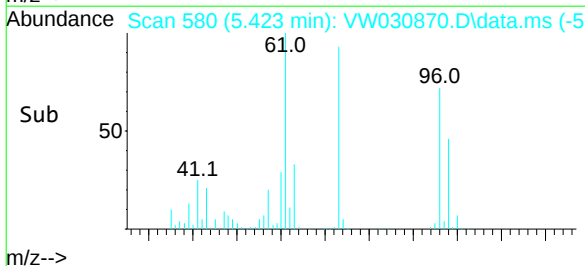
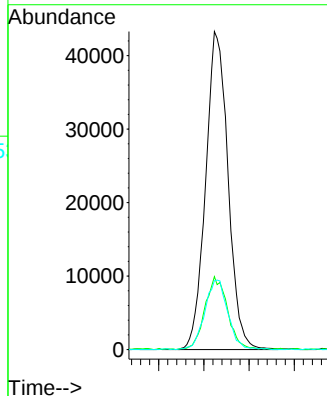
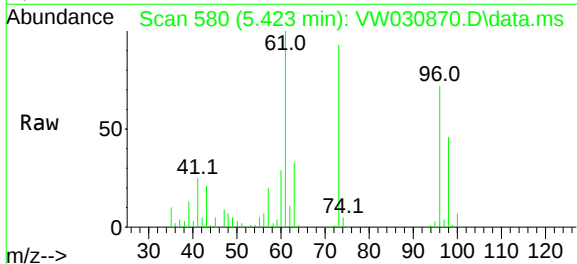
Manual Integrations
APPROVED

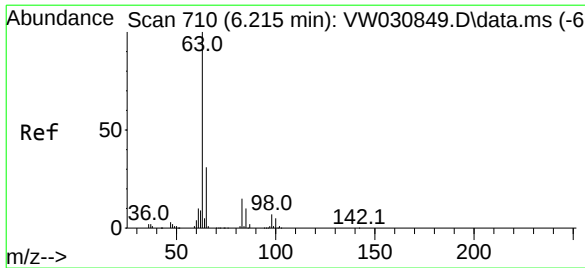
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#18
Methyl tert-butyl Ether
Concen: 16.895 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Tgt Ion: 73 Resp: 149391
Ion Ratio Lower Upper
73 100
43 23.1 18.1 27.1
57 22.5 17.7 26.5





#19

1,1-Dichloroethane

Concen: 17.026 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030870.D

Acq: 31 Oct 2024 18:50

Instrument :

MSVOA_W

ClientSampleId :

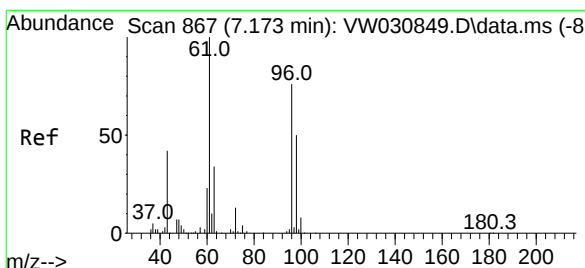
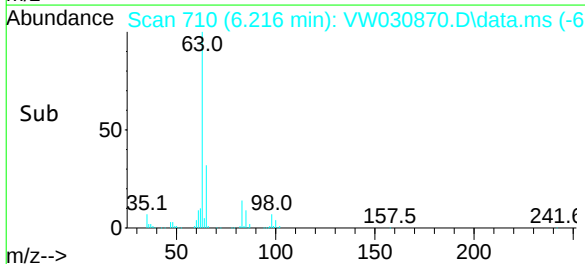
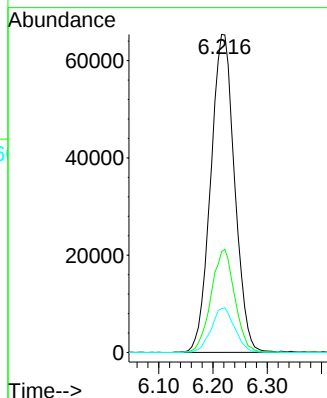
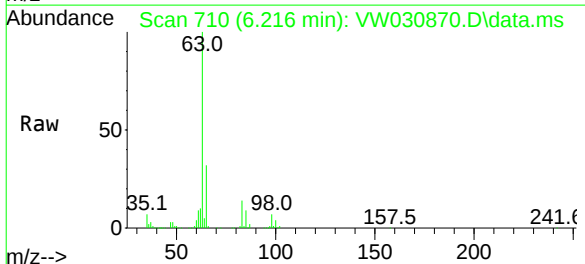
A4EC9MS

Tgt Ion:	63	Resp:	199927
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.5	41.9
83	13.8	9.8	18.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#20

cis-1,2-Dichloroethene

Concen: 16.221 ug/L

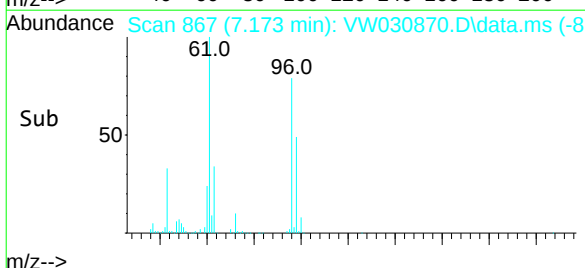
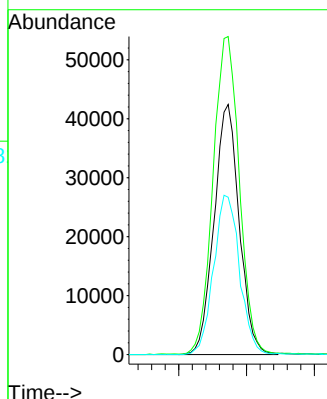
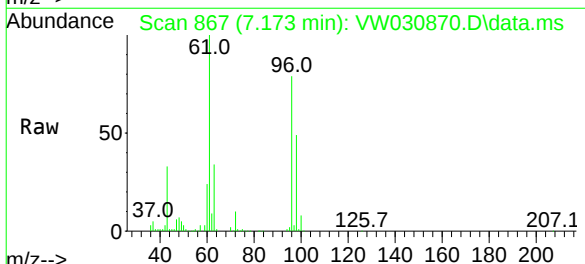
RT: 7.173 min Scan# 867

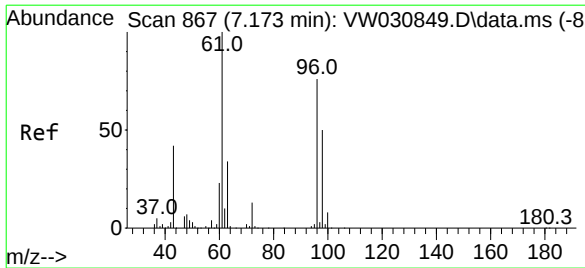
Delta R.T. 0.000 min

Lab File: VW030870.D

Acq: 31 Oct 2024 18:50

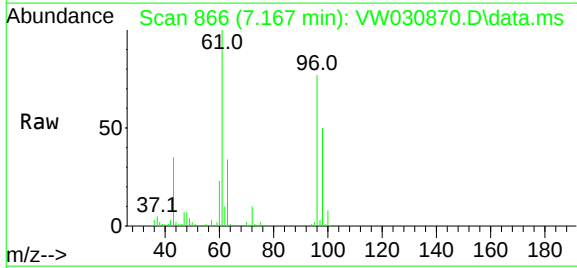
Tgt Ion:	96	Resp:	109312
Ion	Ratio	Lower	Upper
96	100		
61	127.1	88.3	163.9
98	62.9	41.3	76.7





#22
2-Butanone
Concen: 25.123 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

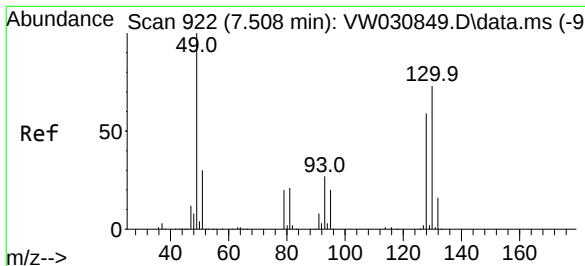
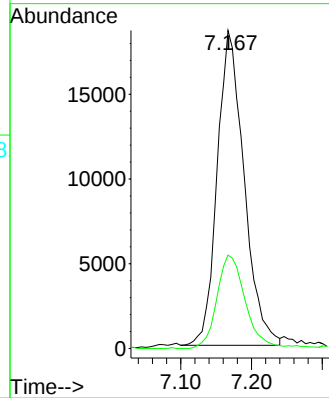
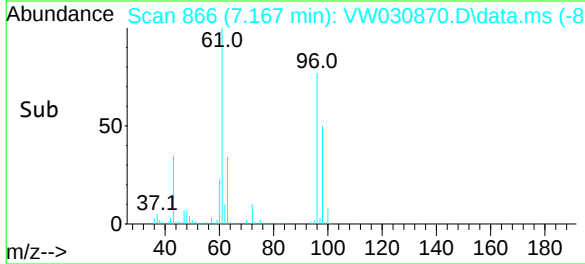
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



Tgt Ion: 43 Resp: 48945
Ion Ratio Lower Upper
43 100
72 31.1 14.4 43.0

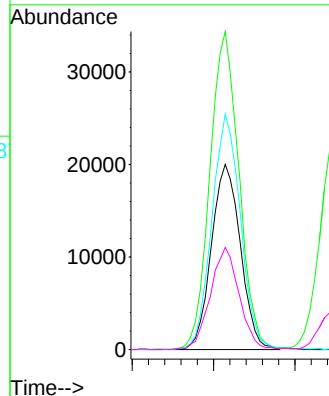
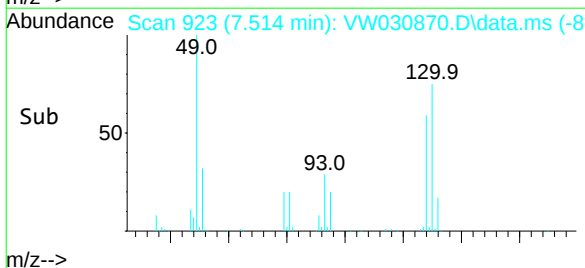
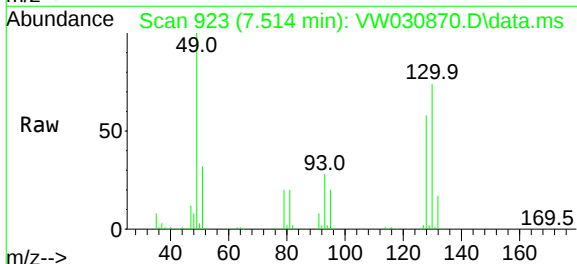
Manual Integrations
APPROVED

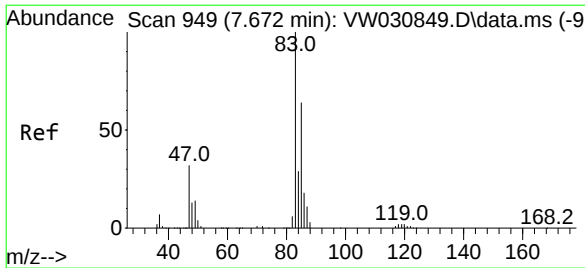
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#23
Bromochloromethane
Concen: 16.816 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Tgt Ion:128 Resp: 49577
Ion Ratio Lower Upper
128 100
49 171.8 110.1 204.5
130 127.2 82.9 153.9
51 55.2 37.9 56.9





#25

Chloroform

Concen: 16.728 ug/L

RT: 7.679 min Scan# 95

Delta R.T. 0.006 min

Lab File: VW030870.D

Acq: 31 Oct 2024 18:50

Instrument :

MSVOA_W

ClientSampleId :

A4EC9MS

Tgt Ion: 83 Resp: 209913

Ion Ratio Lower Upper

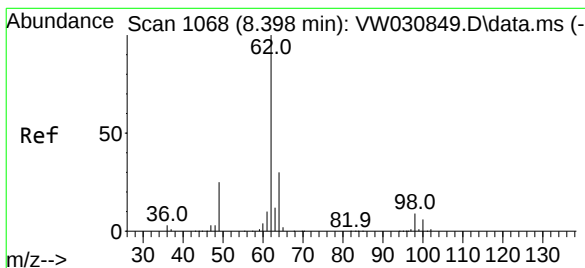
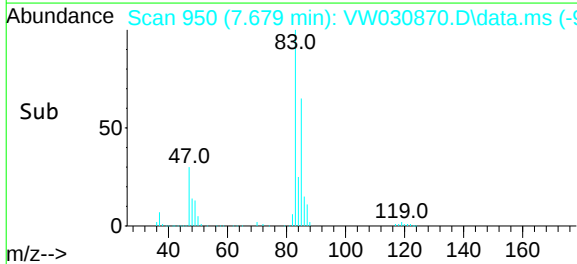
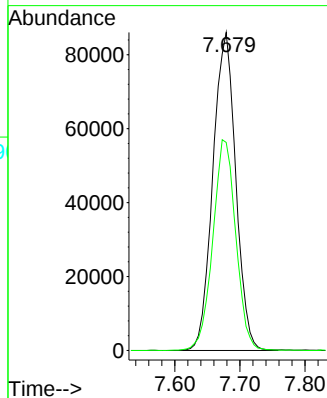
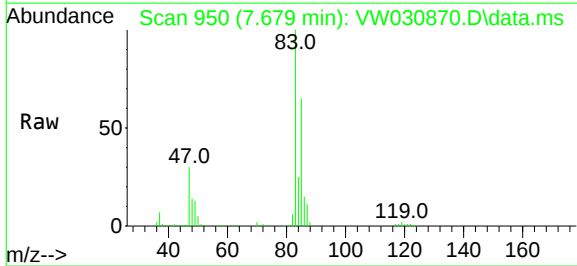
83 100

85 65.4 45.1 83.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#27

1,2-Dichloroethane

Concen: 16.485 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030870.D

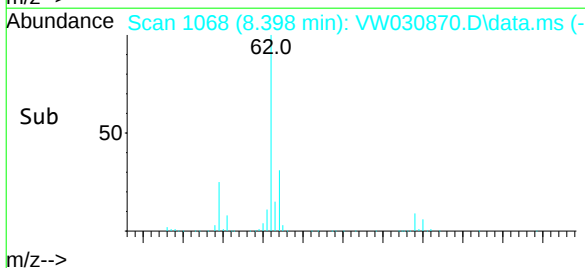
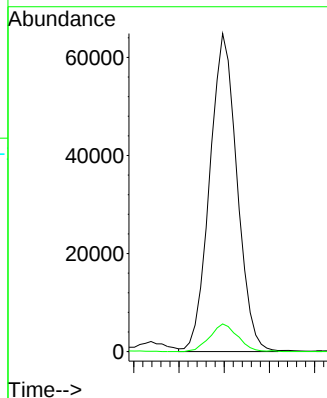
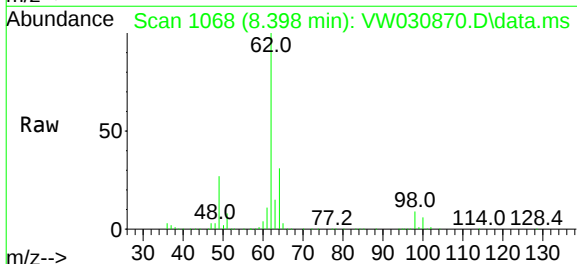
Acq: 31 Oct 2024 18:50

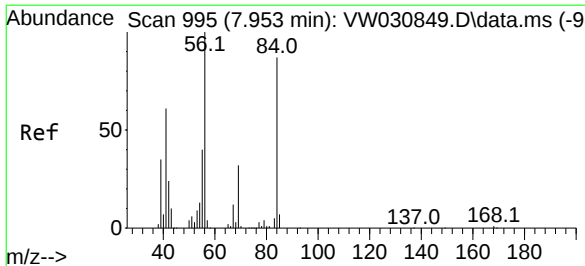
Tgt Ion: 62 Resp: 136475

Ion Ratio Lower Upper

62 100

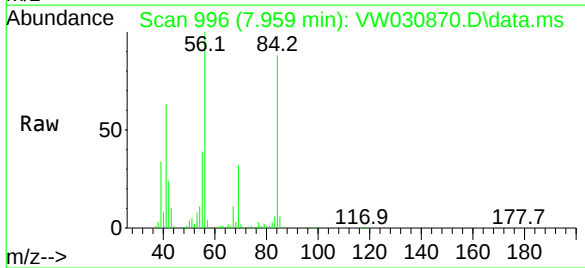
98 8.7 7.0 10.6





#29
Cyclohexane
Concen: 16.094 ug/L
RT: 7.959 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

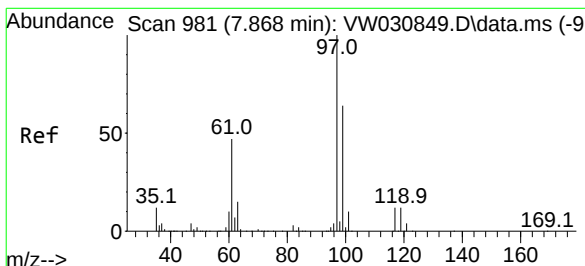
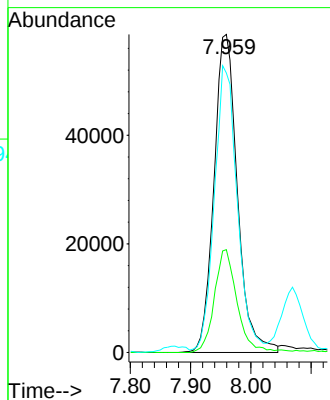
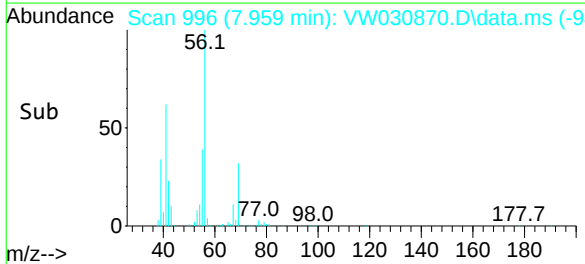
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



Tgt Ion: 56 Resp: 158286
Ion Ratio Lower Upper
56 100
69 30.2 25.4 38.0
84 87.7 72.3 108.5

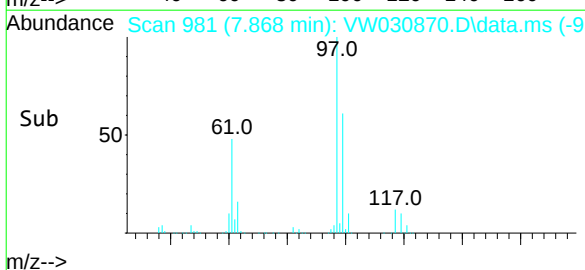
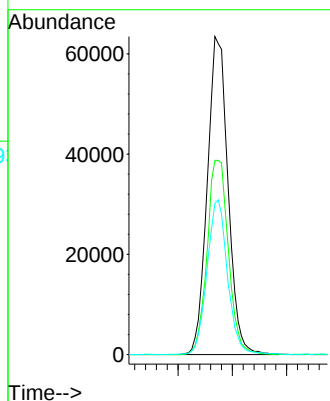
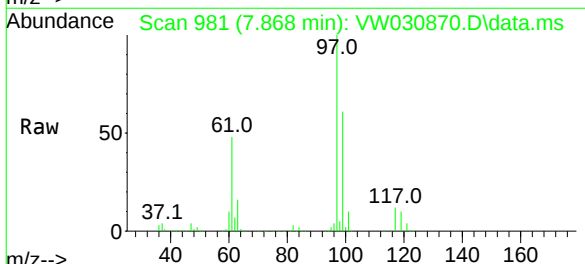
Manual Integrations
APPROVED

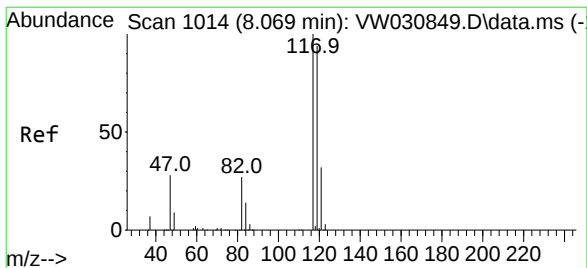
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#30
1,1,1-Trichloroethane
Concen: 15.736 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

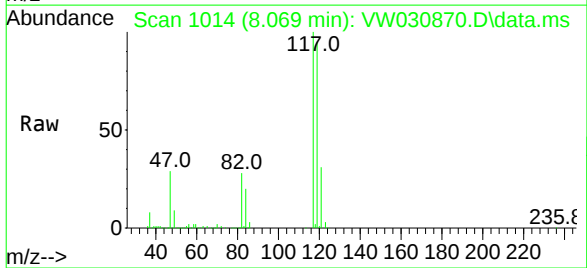
Tgt Ion: 97 Resp: 168777
Ion Ratio Lower Upper
97 100
99 62.7 52.3 78.5
61 48.0 38.5 57.7





#31
Carbon tetrachloride
Concen: 15.659 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

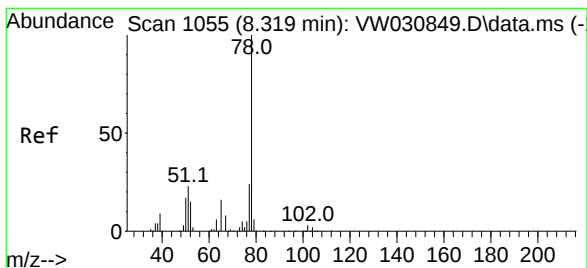
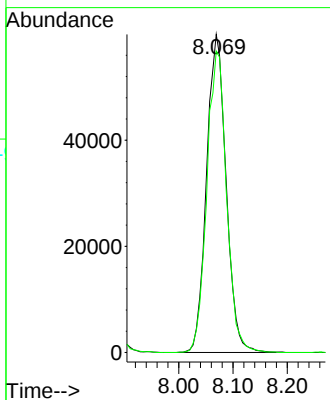
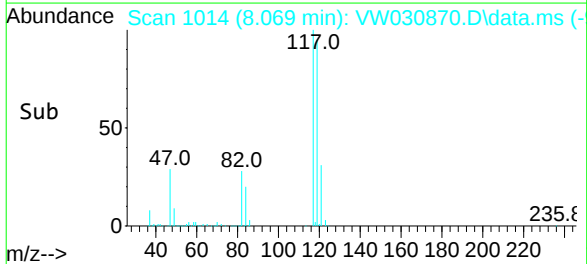
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



Tgt Ion:117 Resp: 150006
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.8

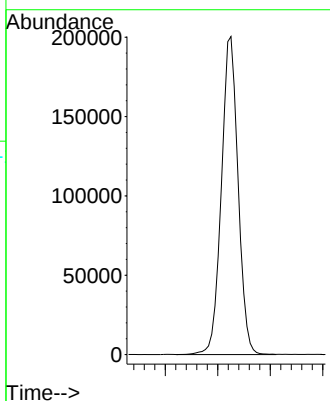
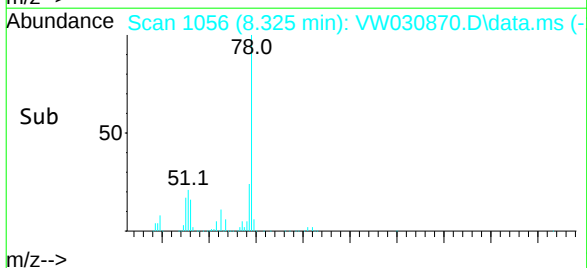
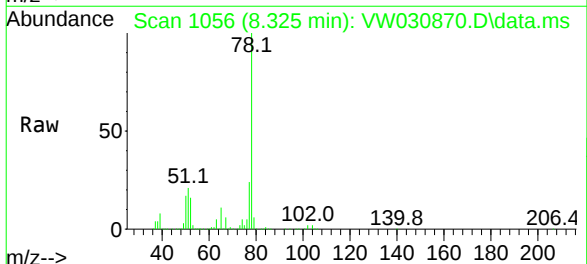
Manual Integrations
APPROVED

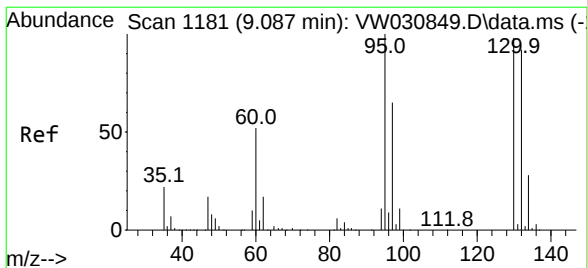
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#33
Benzene
Concen: 16.859 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Tgt Ion: 78 Resp: 443270





#34

Trichloroethene

Concen: 15.023 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030870.D

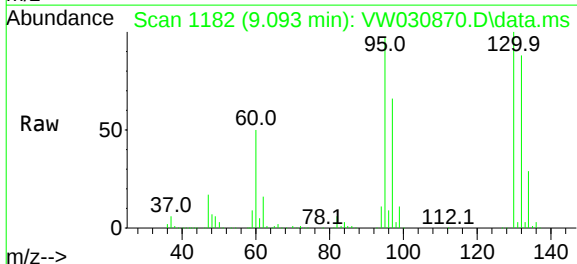
Acq: 31 Oct 2024 18:50

Instrument :

MSVOA_W

ClientSampleId :

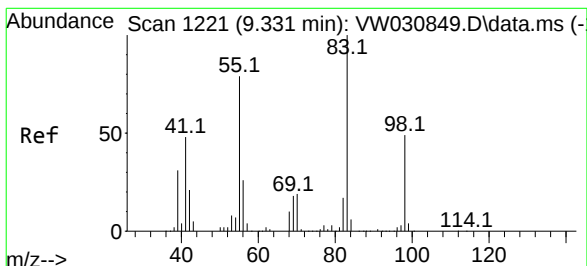
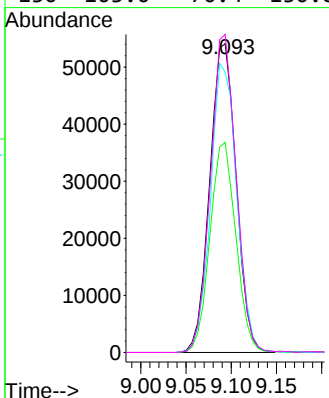
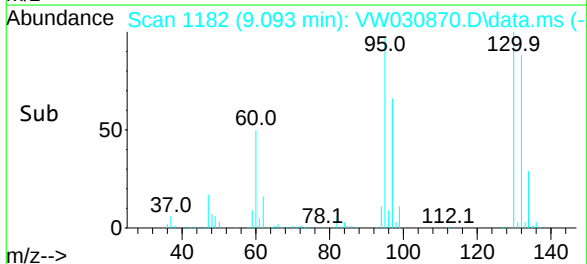
A4EC9MS



Tgt Ion	Ratio	Lower	Upper
95	100		
97	68.0	45.9	85.3
132	90.8	66.4	123.2
130	103.0	70.4	130.8

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#35

Methylcyclohexane

Concen: 15.525 ug/L

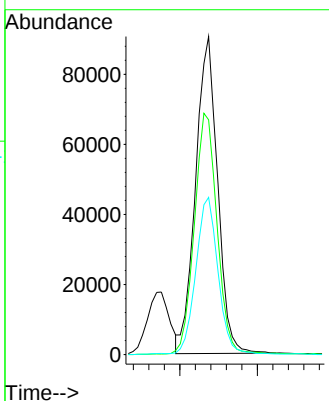
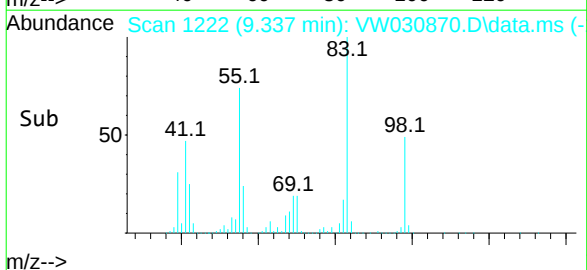
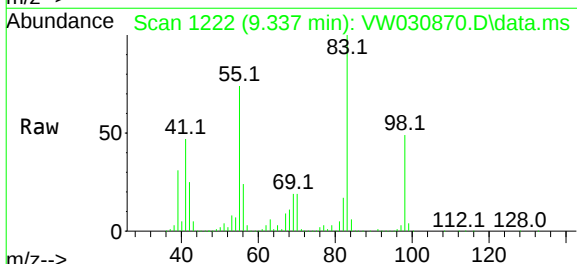
RT: 9.337 min Scan# 1222

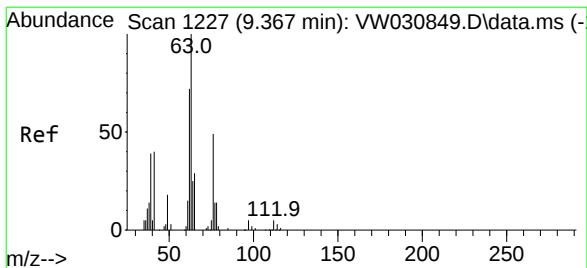
Delta R.T. 0.006 min

Lab File: VW030870.D

Acq: 31 Oct 2024 18:50

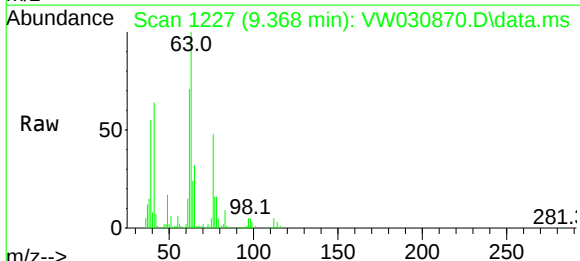
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	61.8	92.8
98	50.0	39.3	58.9





#37
1,2-Dichloropropane
Concen: 17.130 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

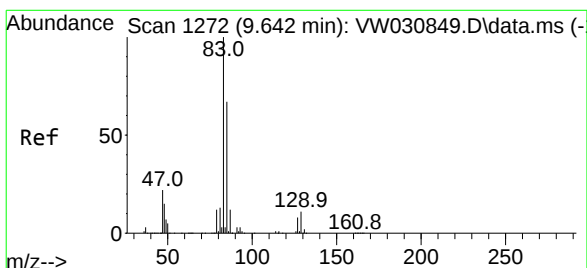
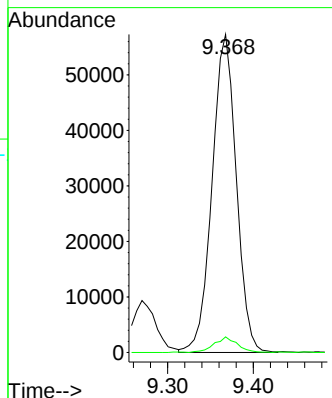
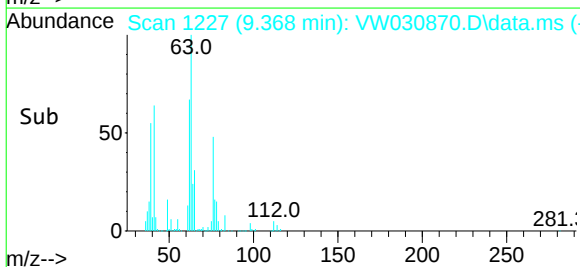
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



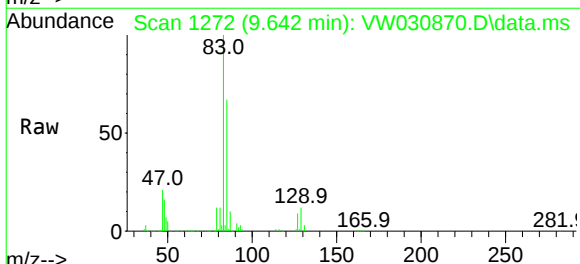
Tgt Ion: 63 Resp: 112487
Ion Ratio Lower Upper
63 100
112 4.7 3.7 5.5

Manual Integrations
APPROVED

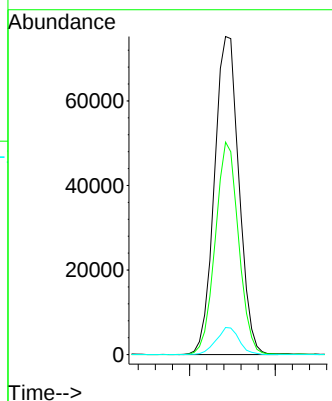
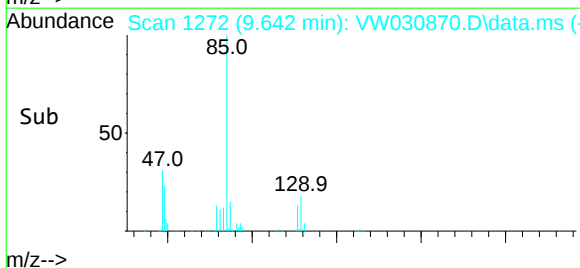
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024

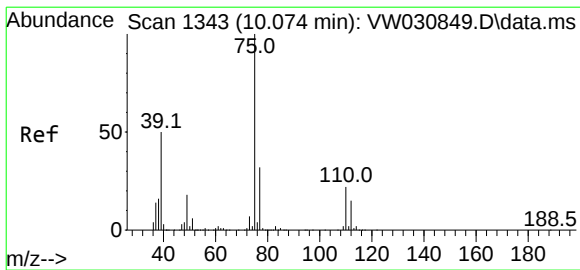


#38
Bromodichloromethane
Concen: 17.108 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50



Tgt Ion: 83 Resp: 149464
Ion Ratio Lower Upper
83 100
85 66.8 44.2 82.0
127 8.5 6.2 9.4





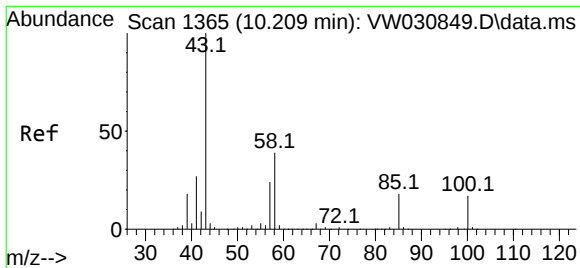
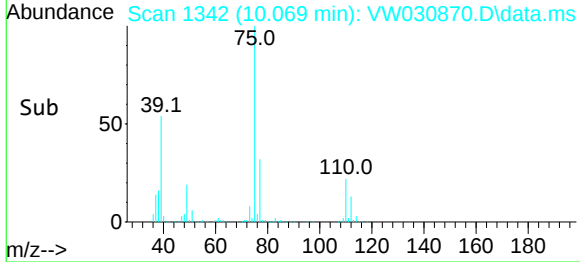
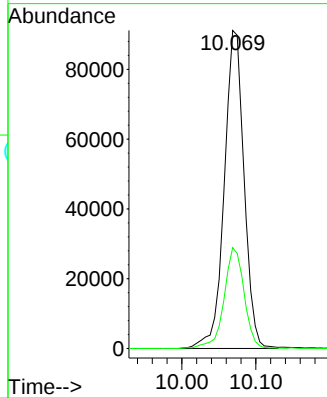
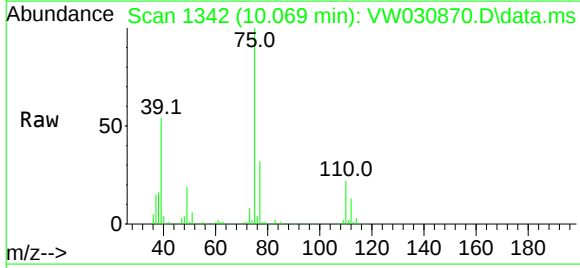
#39
cis-1,3-Dichloropropene
Concen: 17.114 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Instrument : MSVOA_W
ClientSampleId : A4EC9MS

Tgt Ion: 75 Resp: 169515
Ion Ratio Lower Upper
75 100
77 31.7 21.1 39.1

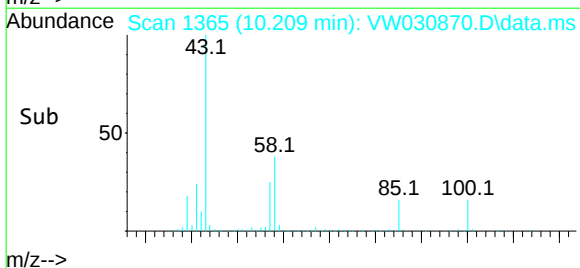
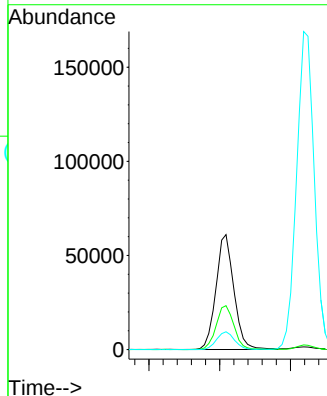
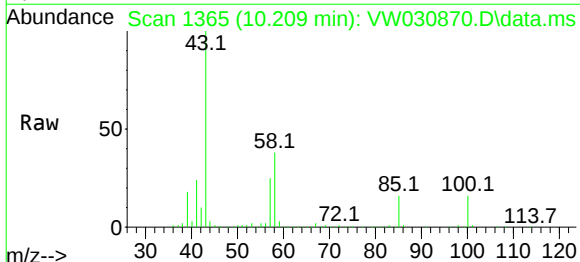
Manual Integrations
APPROVED

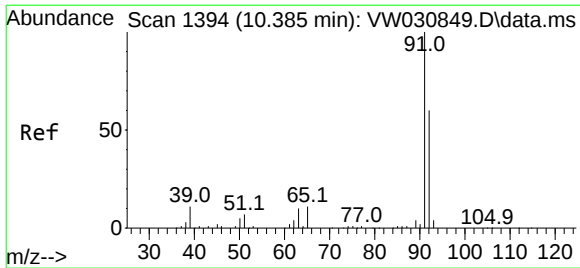
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#40
4-Methyl-2-pentanone
Concen: 34.024 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

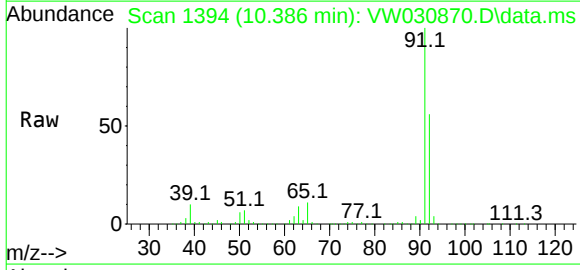
Tgt Ion: 43 Resp: 107333
Ion Ratio Lower Upper
43 100
58 38.2 31.4 47.2
100 15.5 13.1 19.7





#42
Toluene
Concen: 16.388 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

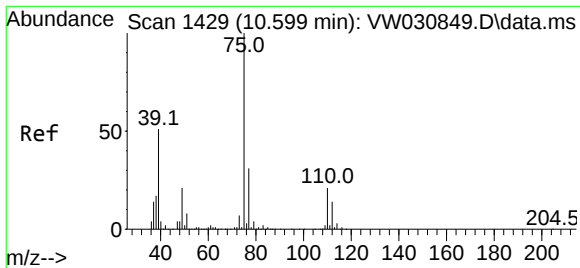
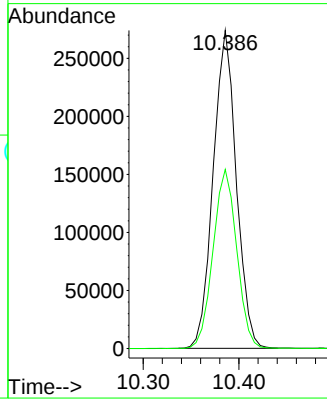
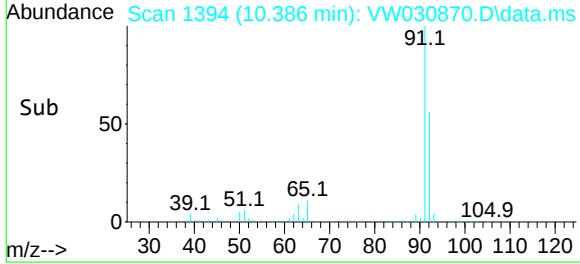
Instrument : MSVOA_W
ClientSampleId : A4EC9MS



Tgt Ion: 91 Resp: 459696
Ion Ratio Lower Upper
91 100
92 56.3 40.3 74.8

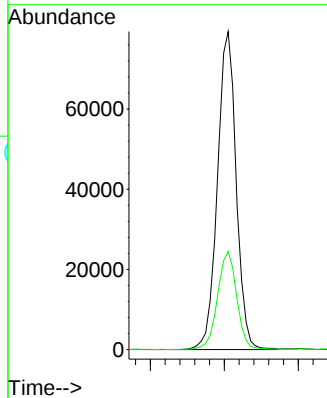
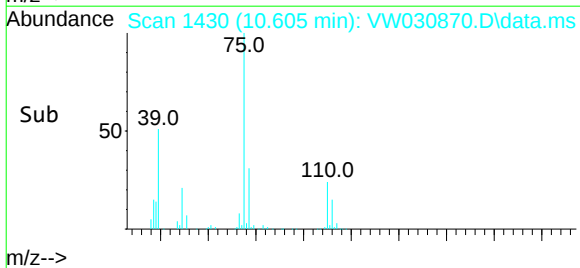
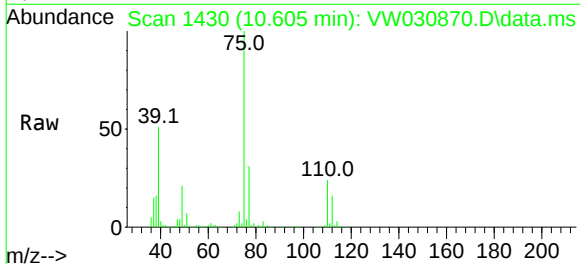
Manual Integrations
APPROVED

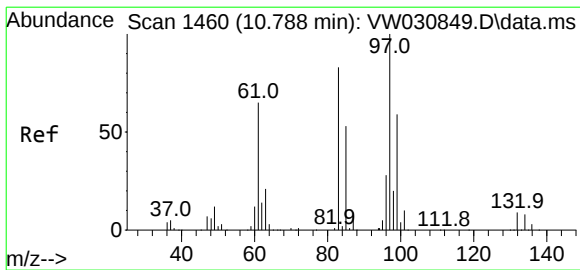
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#44
trans-1,3-Dichloropropene
Concen: 16.774 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

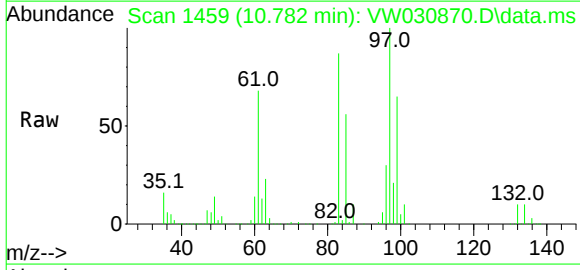
Tgt Ion: 75 Resp: 139619
Ion Ratio Lower Upper
75 100
77 30.8 21.6 40.2





#45
1,1,2-Trichloroethane
Concen: 16.578 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

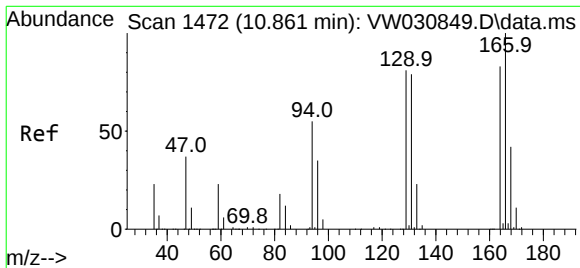
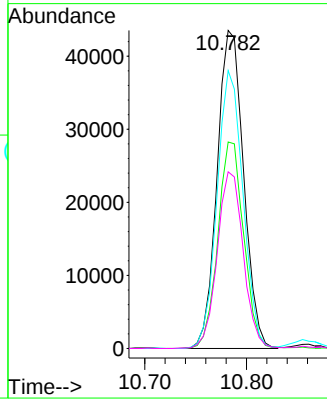
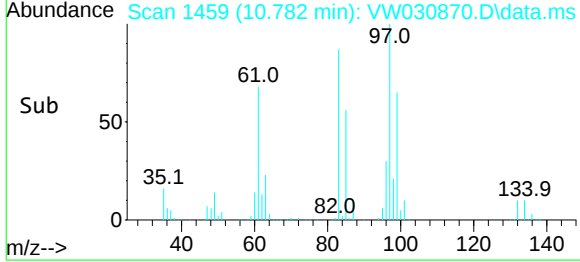
Instrument : MSVOA_W
ClientSampleId : A4EC9MS



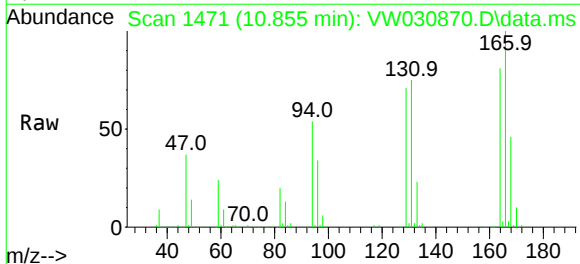
Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	41.2	76.6
83	87.4	59.6	110.6
85	55.5	37.7	69.9

Manual Integrations
APPROVED

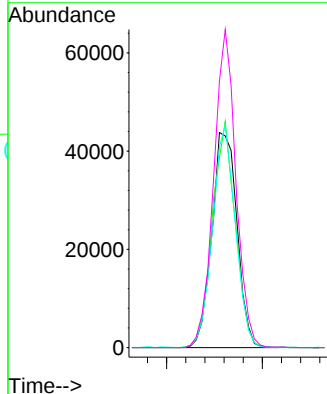
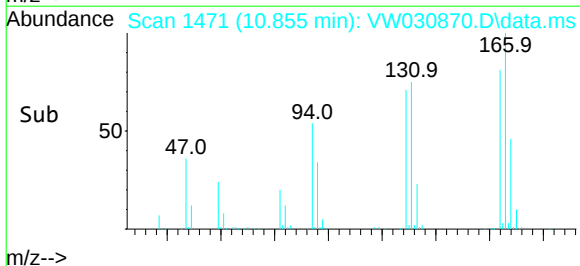
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024

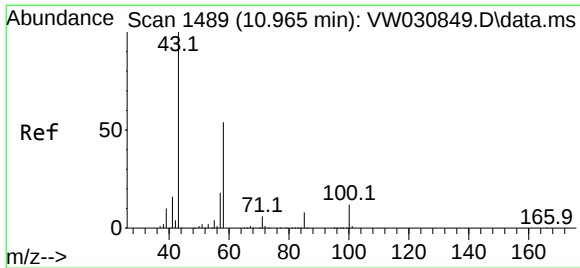


#46
Tetrachloroethene
Concen: 14.771 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50



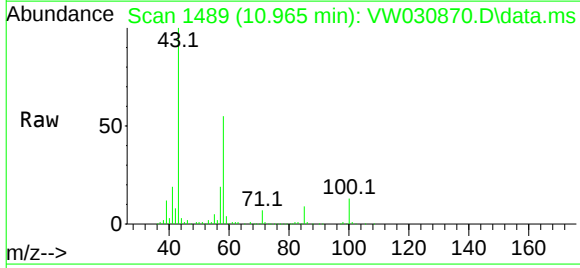
Tgt Ion	Ratio	Lower	Upper
164	100		
129	88.4	66.6	123.6
131	93.4	63.7	118.3
166	124.0	88.7	164.7





#48
2-Hexanone
Concen: 29.944 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

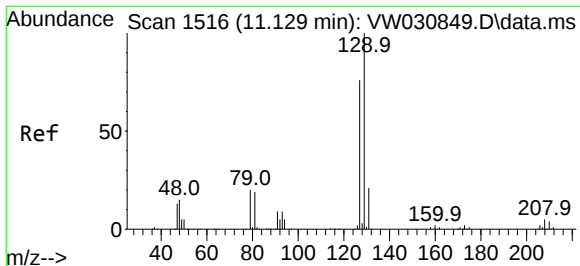
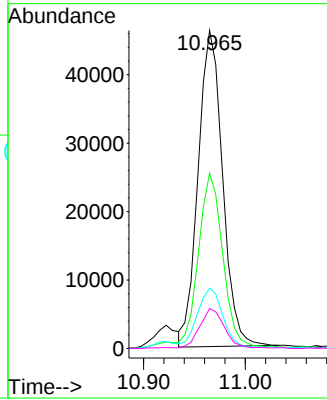
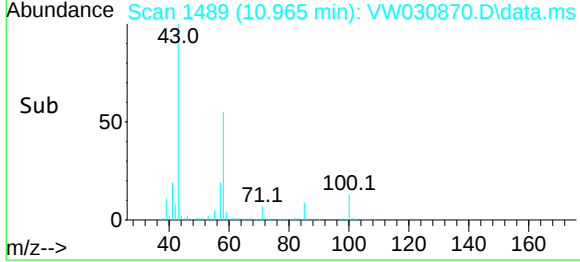
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



Tgt Ion: 43 Resp: 77249
Ion Ratio Lower Upper
43 100
58 56.1 44.6 67.0
57 20.2 15.8 23.8
100 12.7 10.2 15.2

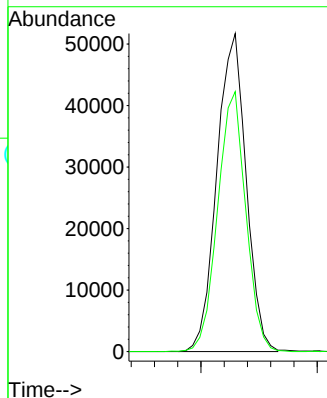
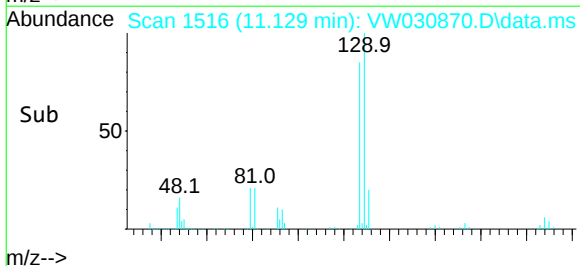
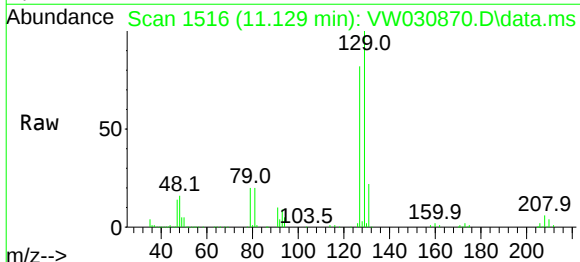
Manual Integrations
APPROVED

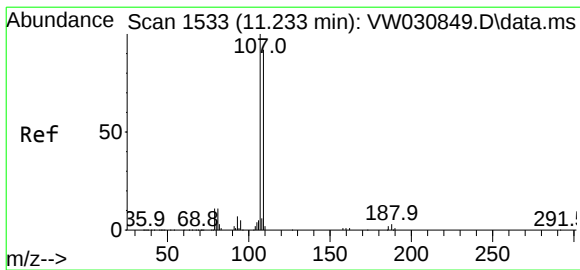
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#49
Dibromochloromethane
Concen: 17.080 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

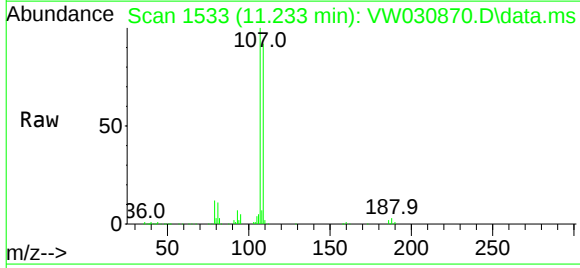
Tgt Ion:129 Resp: 90448
Ion Ratio Lower Upper
129 100
127 81.7 56.5 104.9





#50
1,2-Dibromoethane
Concen: 16.335 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

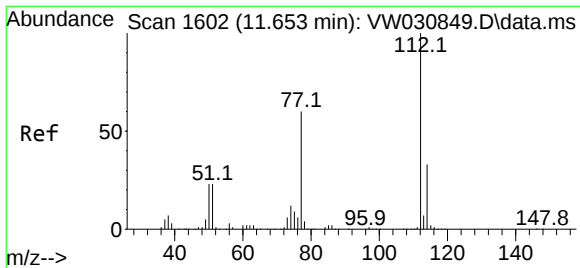
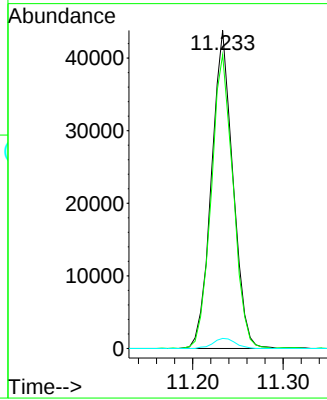
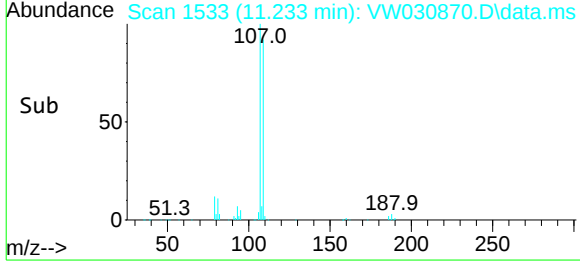
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



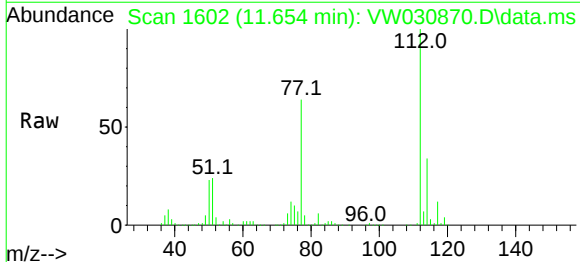
Tgt Ion:	107	Resp:	72337
Ion	Ratio	Lower	Upper
107	100		
109	92.3	63.8	118.6
188	3.2	2.6	3.8

Manual Integrations
APPROVED

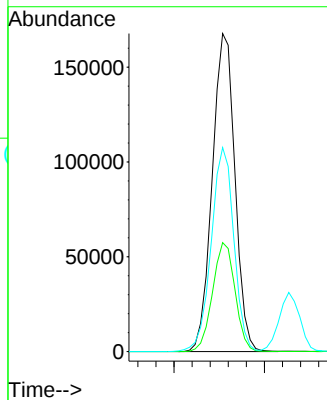
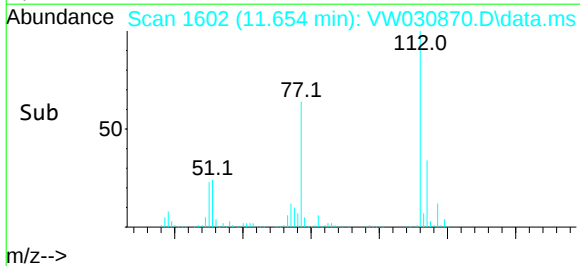
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024

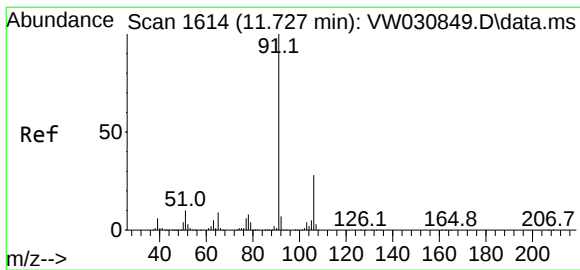


#51
Chlorobenzene
Concen: 16.202 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50



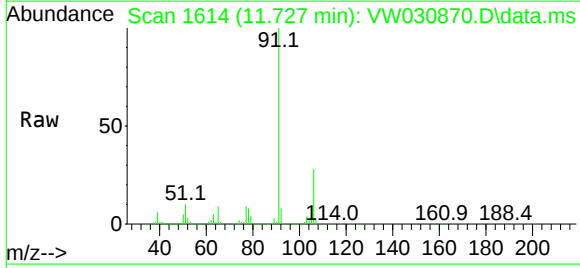
Tgt Ion:	112	Resp:	292551
Ion	Ratio	Lower	Upper
112	100		
114	34.3	22.4	41.6
77	64.1	47.1	70.7





#52
Ethylbenzene
Concen: 16.548 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

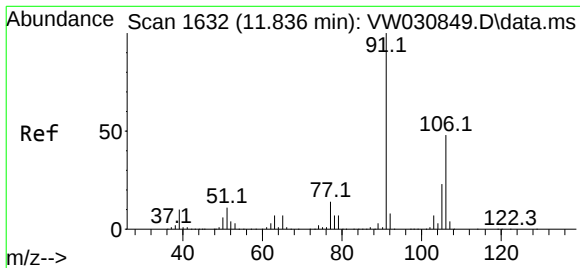
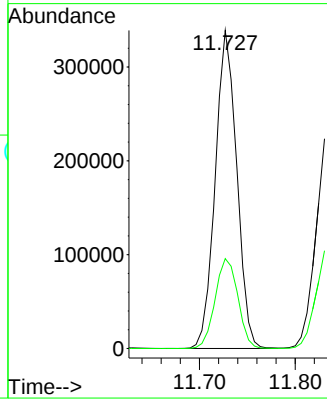
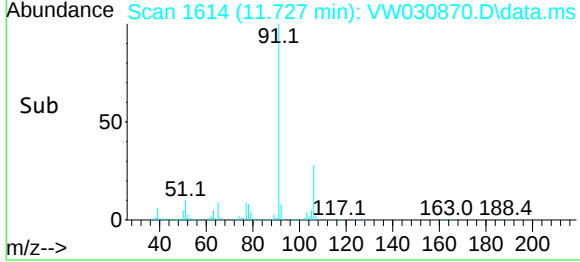
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



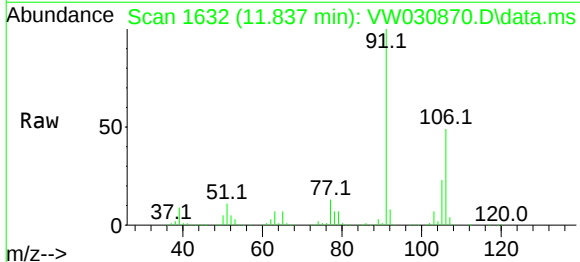
Tgt Ion: 91 Resp: 529657
Ion Ratio Lower Upper
91 100
106 28.3 21.1 39.1

Manual Integrations
APPROVED

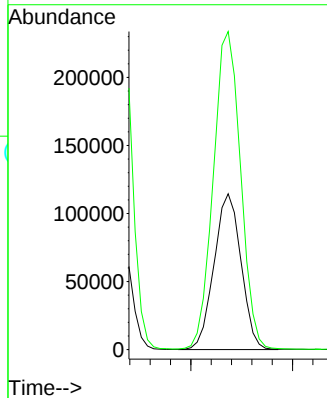
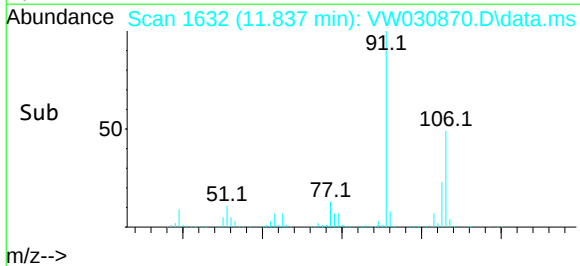
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024

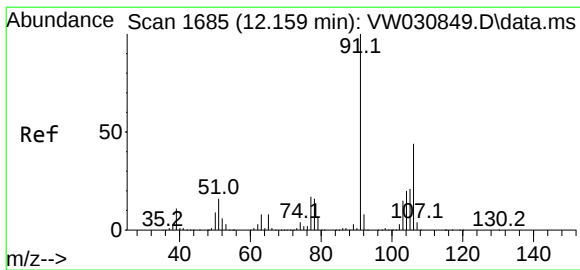


#53
m,p-Xylene
Concen: 17.610 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50



Tgt Ion:106 Resp: 211167
Ion Ratio Lower Upper
106 100
91 204.1 140.6 261.2





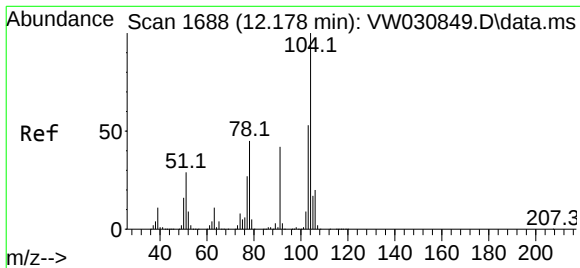
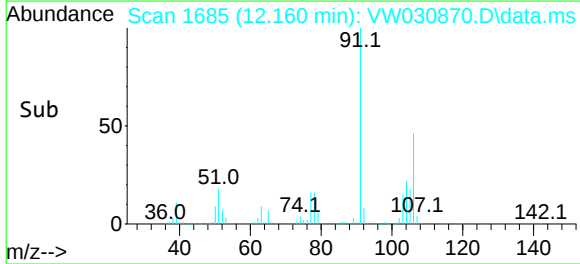
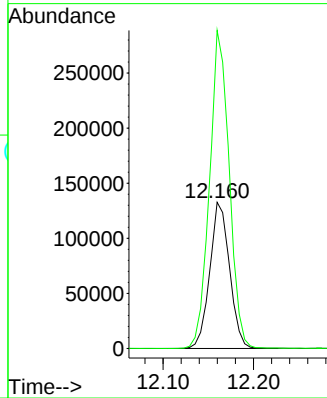
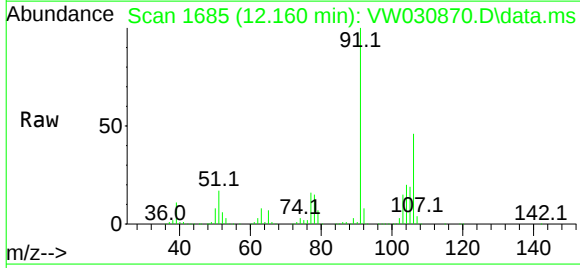
#54
o-Xylene
Concen: 18.194 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS

Tgt Ion:106 Resp: 201697
Ion Ratio Lower Upper
106 100
91 217.5 144.5 268.4

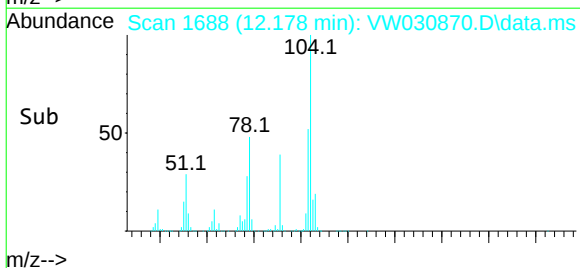
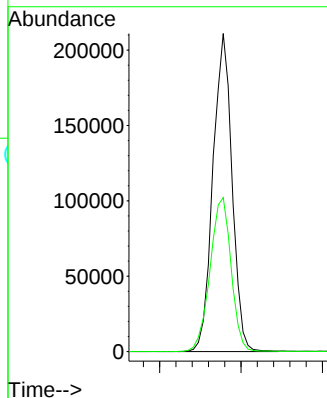
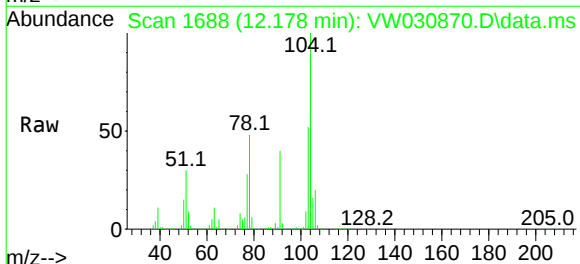
Manual Integrations
APPROVED

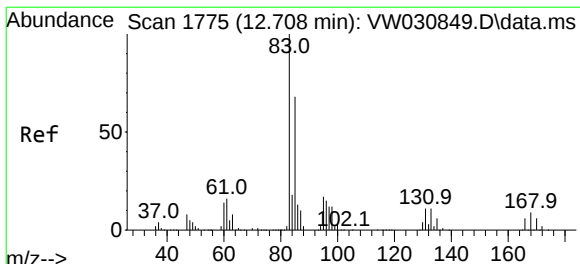
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#55
Styrene
Concen: 18.180 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Tgt Ion:104 Resp: 344544
Ion Ratio Lower Upper
104 100
78 48.4 34.3 63.7





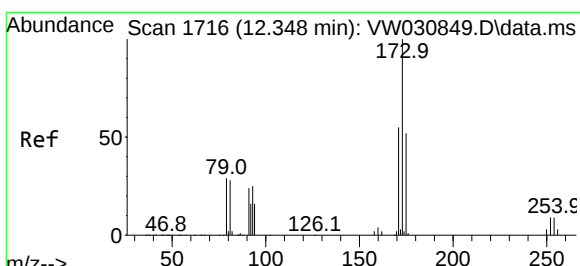
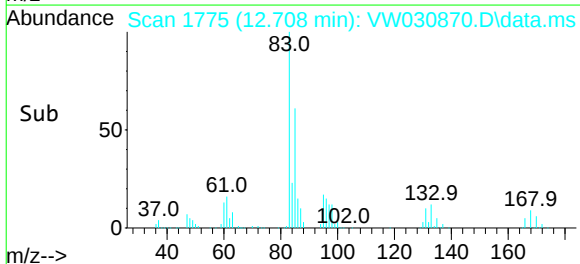
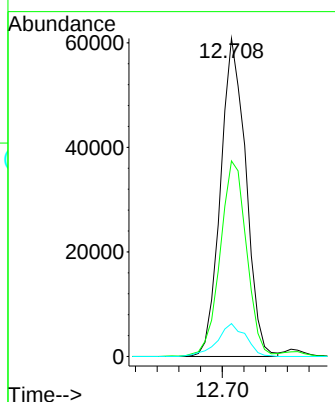
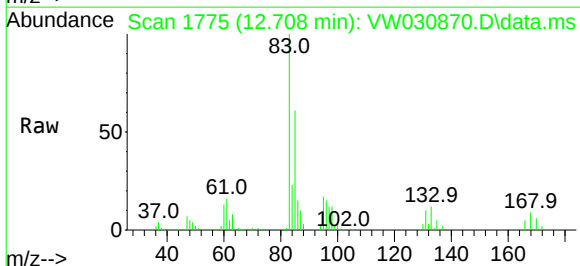
#57
 1,1,2,2-Tetrachloroethane
 Concen: 18.412 ug/L
 RT: 12.708 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VW030870.D
 Acq: 31 Oct 2024 18:50

Instrument : MSVOA_W
 ClientSampleId : A4EC9MS

Tgt Ion:	83	Resp:	98537
Ion Ratio	Lower	Upper	
83	100		
85	61.5	42.6	79.2
131	10.3	7.4	11.0

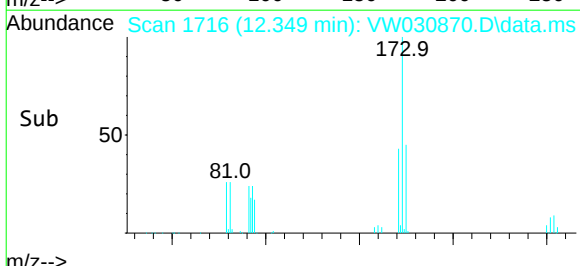
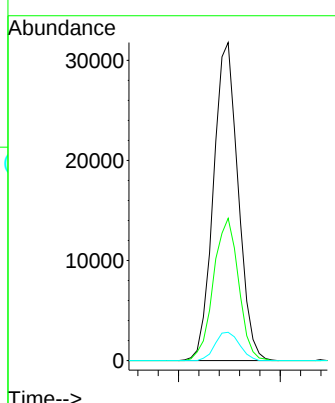
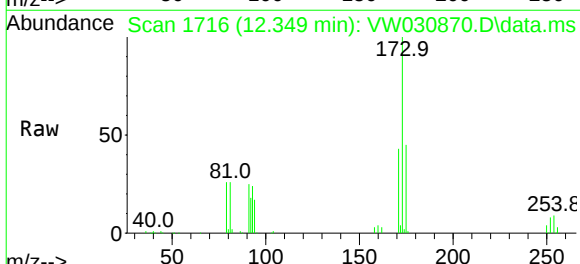
Manual Integrations
 APPROVED

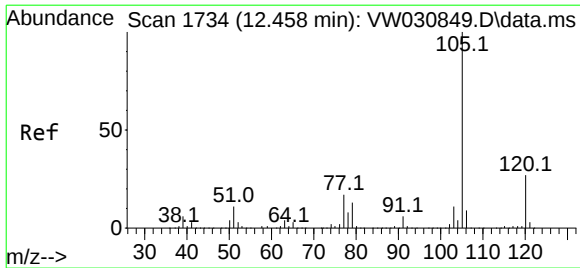
Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024



#59
 Bromoform
 Concen: 19.880 ug/L
 RT: 12.349 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VW030870.D
 Acq: 31 Oct 2024 18:50

Tgt Ion:	173	Resp:	53609
Ion Ratio	Lower	Upper	
173	100		
175	45.5	39.0	58.4
254	8.8	7.7	11.5





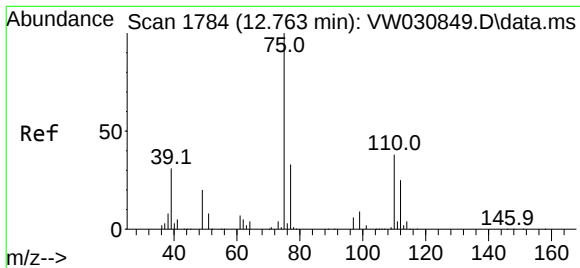
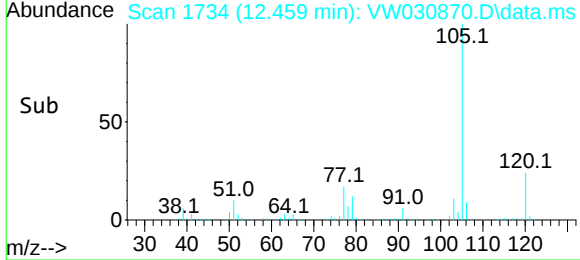
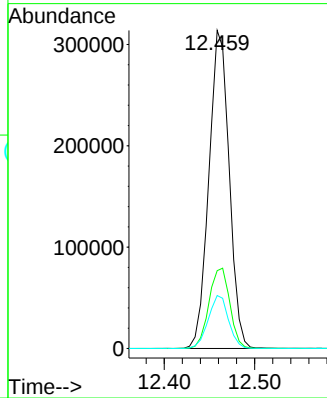
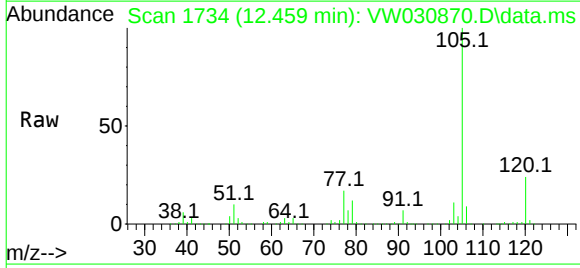
#60
Isopropylbenzene
Concen: 16.481 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS

Tgt Ion:	105	Resp:	489884
Ion Ratio	Lower	Upper	
105	100		
120	25.9	20.6	31.0
77	16.7	13.4	20.0

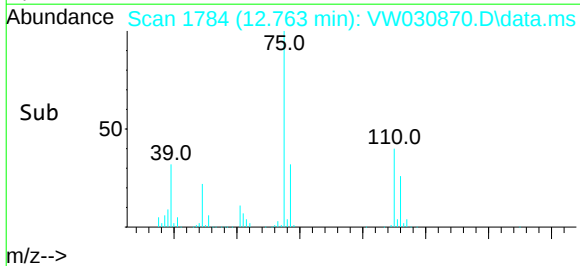
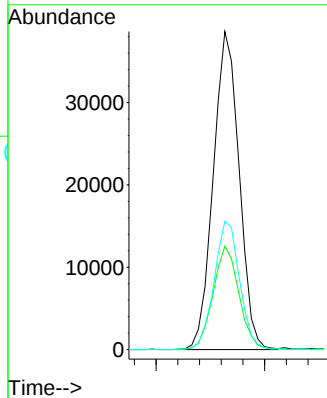
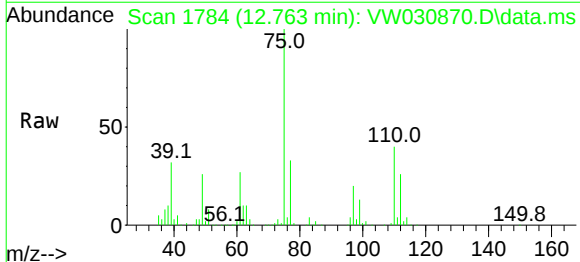
Manual Integrations
APPROVED

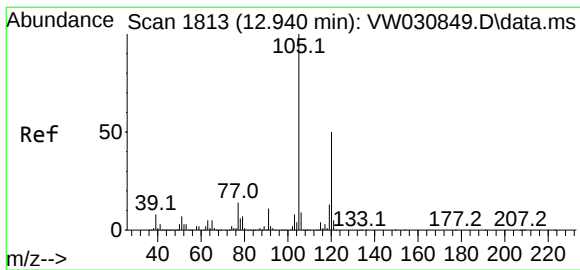
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#61
1,2,3-Trichloropropane
Concen: 17.117 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

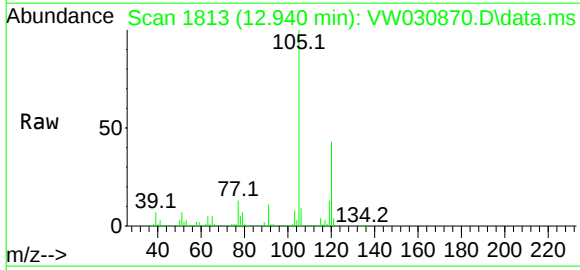
Tgt Ion:	75	Resp:	63931
Ion Ratio	Lower	Upper	
75	100		
77	32.4	25.7	38.5
110	39.8	32.3	48.5





#62
1,3,5-Trimethylbenzene
Concen: 17.617 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

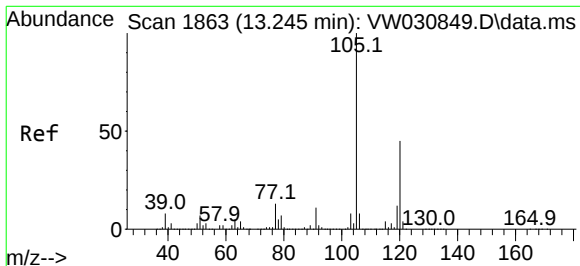
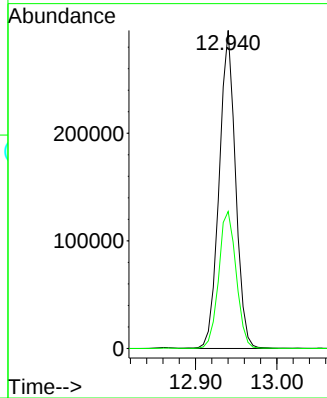
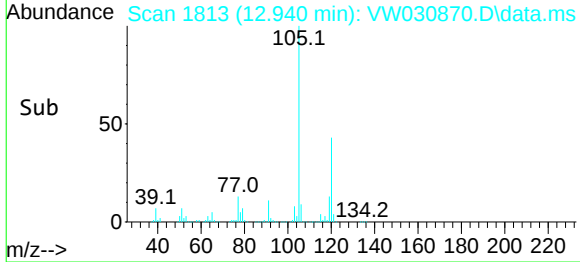
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



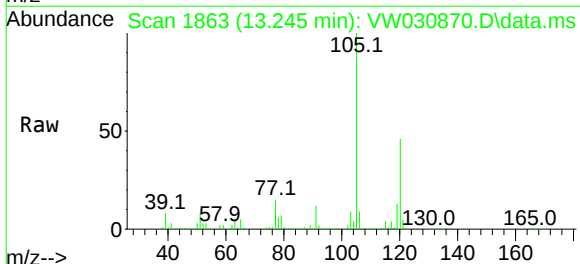
Tgt Ion:105 Resp: 413109
Ion Ratio Lower Upper
105 100
120 46.1 38.0 57.0

Manual Integrations
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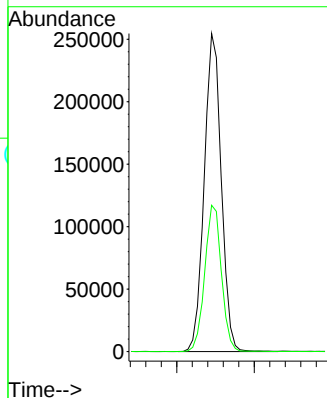
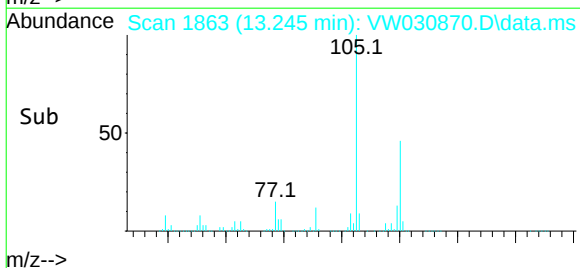
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024

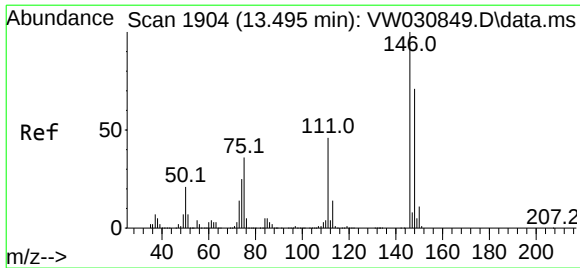


#63
1,2,4-Trimethylbenzene
Concen: 16.929 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50



Tgt Ion:105 Resp: 388690
Ion Ratio Lower Upper
105 100
120 45.0 35.8 53.6





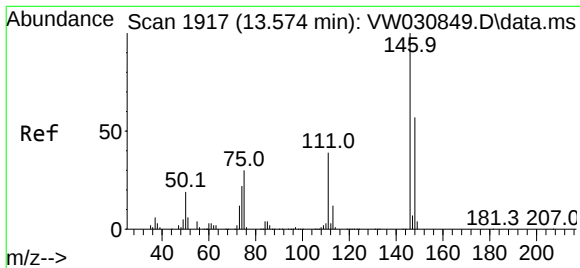
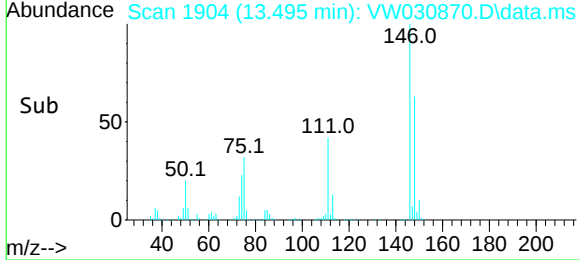
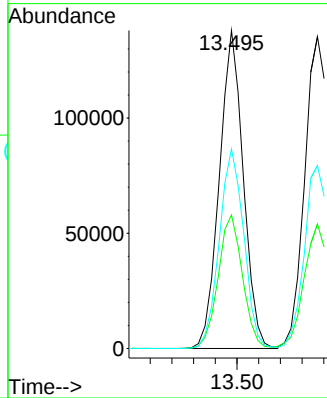
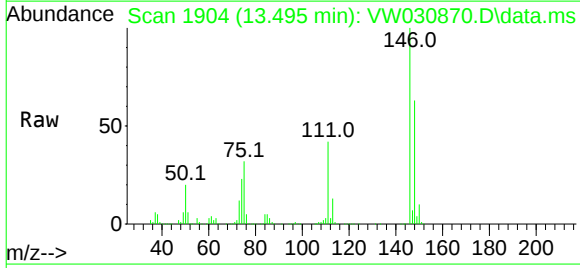
#64
1,3-Dichlorobenzene
Concen: 16.337 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS

Tgt Ion:	146	Resp:	211369
Ion	Ratio	Lower	Upper
146	100		
111	42.0	31.2	58.0
148	62.7	45.7	84.9

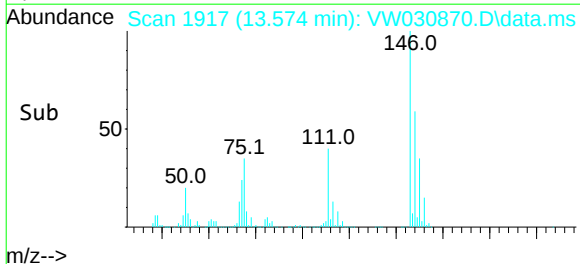
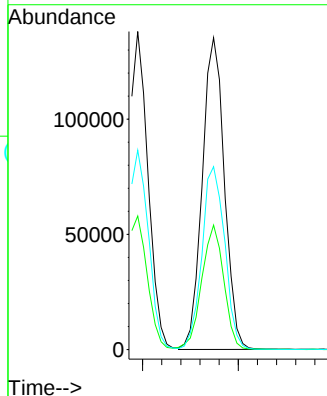
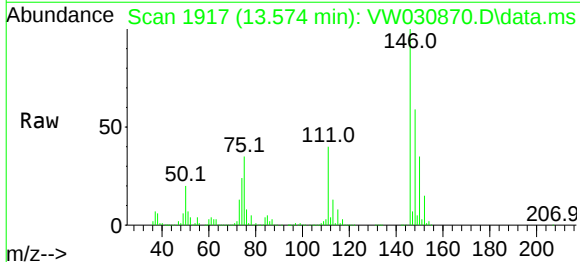
Manual Integrations
APPROVED

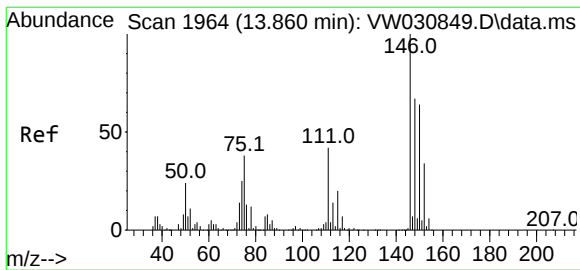
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#65
1,4-Dichlorobenzene
Concen: 16.279 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

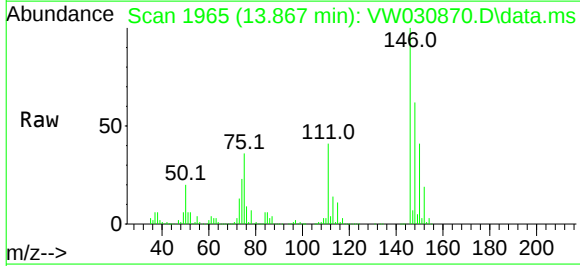
Tgt Ion:	146	Resp:	217469
Ion	Ratio	Lower	Upper
146	100		
111	39.9	26.8	49.8
148	58.6	41.0	76.2





#67
1,2-Dichlorobenzene
Concen: 18.001 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

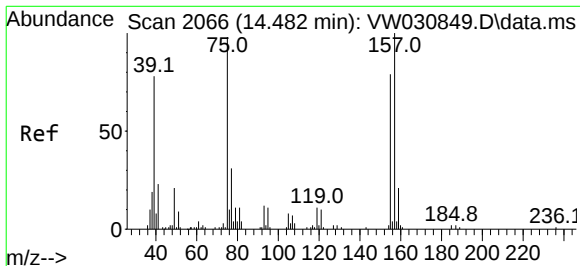
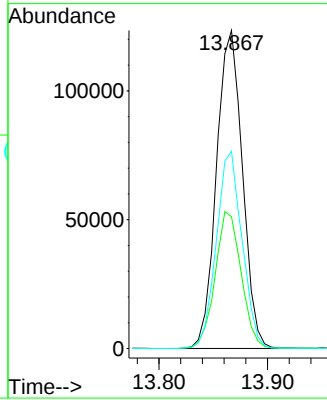
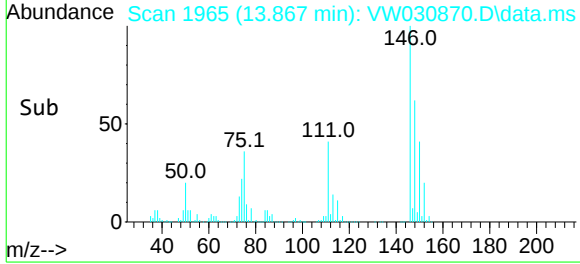
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



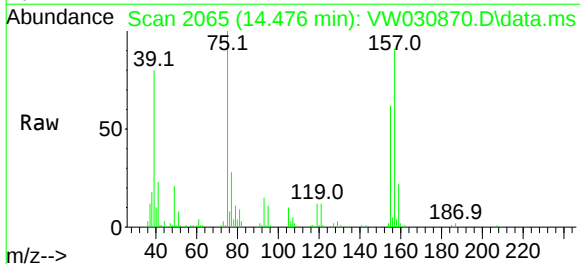
Tgt Ion: 146 Resp: 204940
Ion Ratio Lower Upper
146 100
111 41.5 34.6 52.0
148 62.0 53.3 79.9

Manual Integrations
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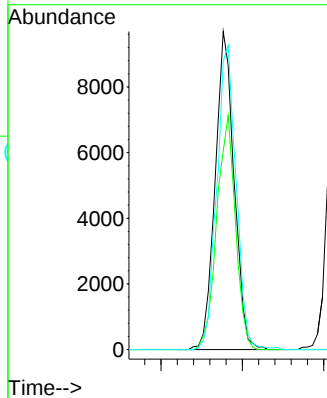
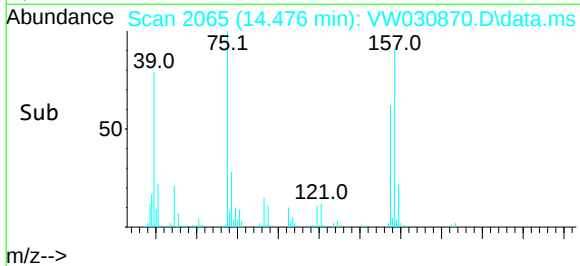
Reviewed By : Romaben Patel 11/01/2024
Supervised By : Semsettin Yesilyurt 11/04/2024

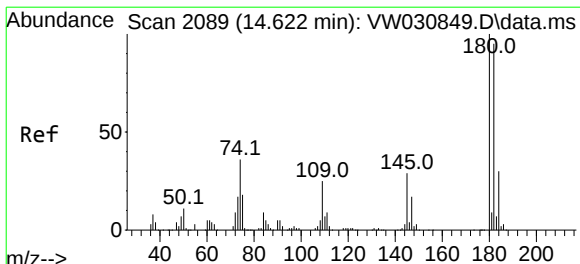


#68
1,2-Dibromo-3-chloropropane
Concen: 18.820 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50



Tgt Ion: 75 Resp: 15673
Ion Ratio Lower Upper
75 100
155 62.4 57.9 86.9
157 90.6 69.0 103.6

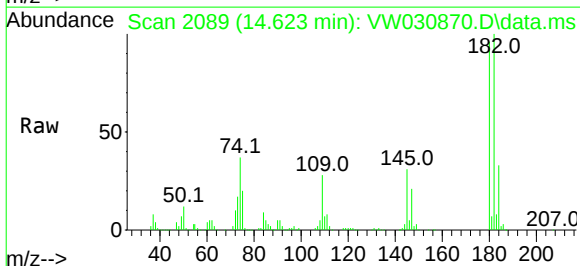




#69
 1,3,5-Trichlorobenzene
 Concen: 15.656 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030870.D
 Acq: 31 Oct 2024 18:50

Instrument :

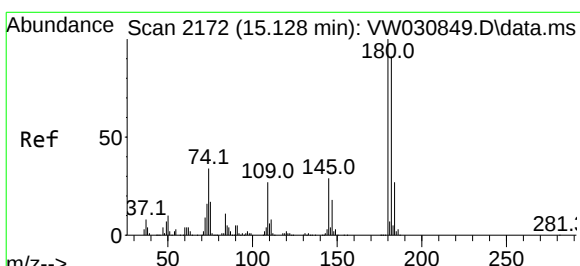
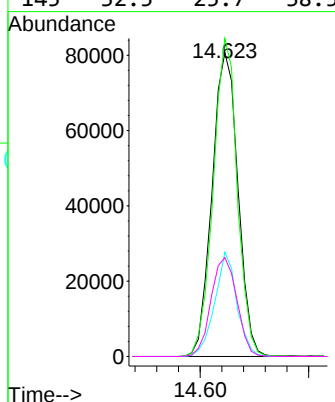
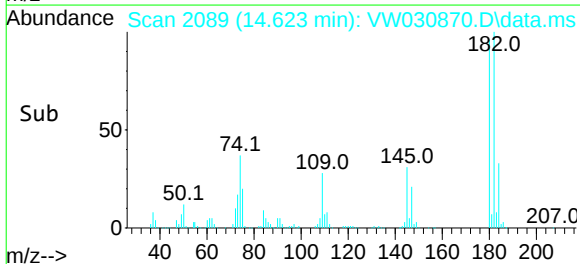
MSVOA_W
 ClientSampleId :
 A4EC9MS



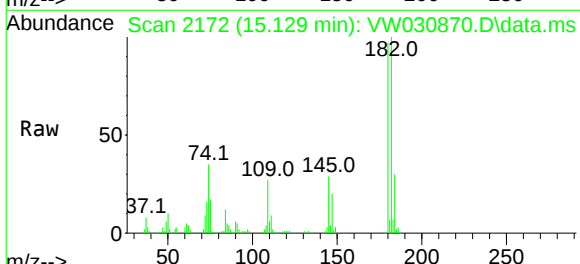
Tgt Ion:	180	Resp:	133572
Ion Ratio	Lower	Upper	
180	100		
182	97.2	79.9	119.9
184	29.4	25.2	37.8
145	32.5	25.7	38.5

Manual Integrations
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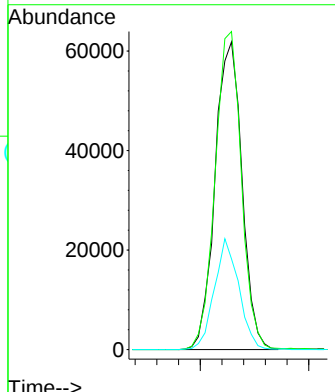
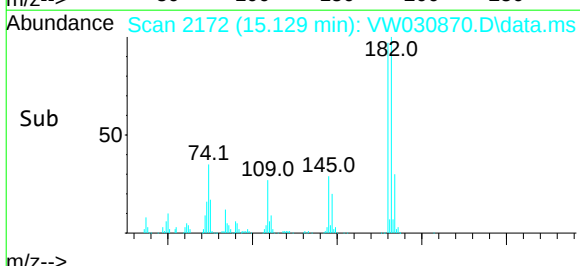
Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

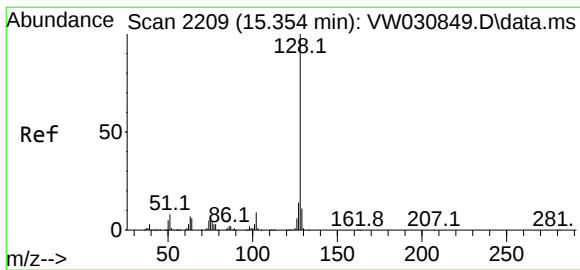


#70
 1,2,4-trichlorobenzene
 Concen: 15.538 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW030870.D
 Acq: 31 Oct 2024 18:50



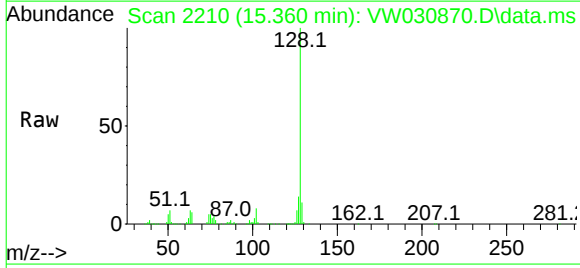
Tgt Ion:	180	Resp:	106716
Ion Ratio	Lower	Upper	
180	100		
182	100.7	75.2	112.8
145	32.8	25.4	38.2





#71
Naphthalene
Concen: 18.064 ug/L
RT: 15.360 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50

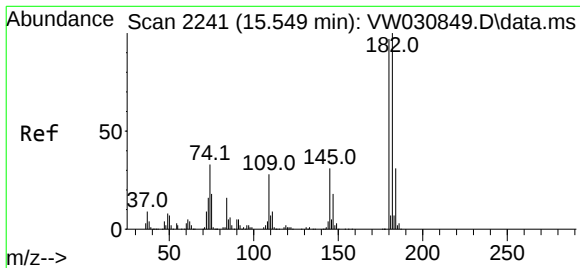
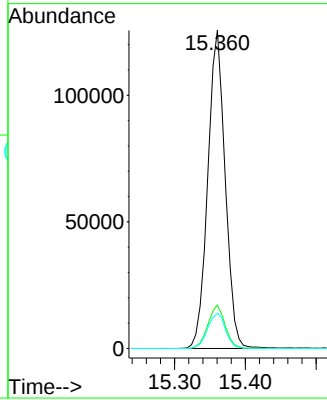
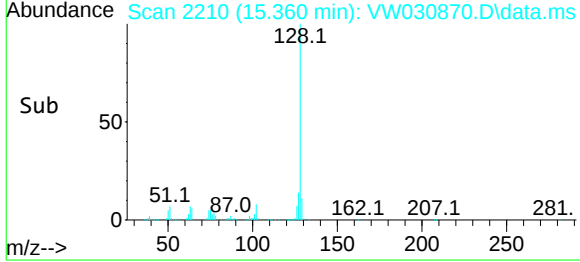
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MS



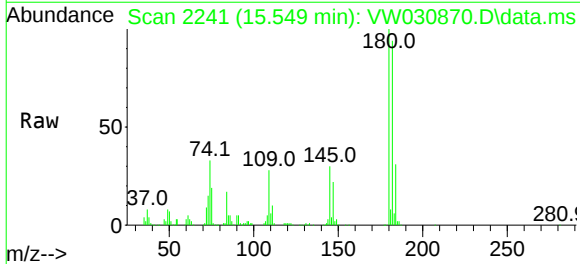
Tgt Ion:128 Resp: 214352
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 11.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#72
1,2,3-Trichlorobenzene
Concen: 16.839 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030870.D
Acq: 31 Oct 2024 18:50



Tgt Ion:180 Resp: 100264
Ion Ratio Lower Upper
180 100
182 97.4 76.2 114.4
145 33.6 27.4 41.2

