

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103124\
 Data File : VW030871.D
 Acq On : 31 Oct 2024 19:14
 Operator : SY/MD
 Sample : P4581-03MSD
 Misc : 5.06g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC9MSD

Quant Time: Nov 01 03:16:57 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	61427	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	50806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	21607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	24778	25.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.640%	
7) Chloroethane-d5	2.887	69	21272	29.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.400%	
11) 1,1-Dichloroethene-d2	4.027	65	8598	21.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 85.640%	
21) 2-Butanone-d5	7.094	46	5722	32.930	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 65.860%	
24) Chloroform-d	7.648	84	40812	23.232	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 92.920%	
26) 1,2-Dichloroethane-d4	8.307	65	24815	27.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.680%	
32) Benzene-d6	8.276	84	81547	27.655	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.600%	
36) 1,2-Dichloropropane-d6	9.270	67	23222	26.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 107.320%	
41) Toluene-d8	10.325	98	58707	21.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 87.240%	
43) trans-1,3-Dichloroprop...	10.581	79	7694	21.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 84.920%	
47) 2-Hexanone-d5	10.922	63	4964	44.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 89.060%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19438	30.581	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 122.320%#	
66) 1,2-Dichlorobenzene-d4	13.849	152	18363	25.117	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	17173	21.882	ug/L	96
3) Chloromethane	2.216	50	17376	19.050	ug/L	98
5) Vinyl chloride	2.363	62	22537	20.091	ug/L	99
6) Bromomethane	2.790	94	15145	20.513	ug/L	98
8) Chloroethane	2.924	64	15584	22.726	ug/L	96
9) Trichlorofluoromethane	3.265	101	27056	26.956	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	15644	17.324	ug/L #	76
12) 1,1-Dichloroethene	4.051	96	12896	15.648	ug/L	83
13) Acetone	4.131	43	7954	31.267	ug/L	87
14) Carbon disulfide	4.387	76	41315	15.352	ug/L	100
15) Methyl Acetate	4.673	43	6069m	19.313	ug/L	
16) Methylene chloride	4.917	84	15577	16.774	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	13732	15.441	ug/L	90
18) Methyl tert-butyl Ether	5.435	73	26762	21.502	ug/L	95
19) 1,1-Dichloroethane	6.222	63	28369	17.164	ug/L	98
20) cis-1,2-Dichloroethene	7.179	96	14599	15.391	ug/L	91
22) 2-Butanone	7.179	43	6134	22.369	ug/L	79
23) Bromochloromethane	7.514	128	7099	17.108	ug/L	96
25) Chloroform	7.679	83	31481	17.823	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	23857	20.474	ug/L	98
29) Cyclohexane	7.959	56	21000	16.980	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	27439	20.345	ug/L	97
31) Carbon tetrachloride	8.069	117	21579	17.914	ug/L	96
33) Benzene	8.325	78	68214	20.632	ug/L	100
34) Trichloroethene	9.093	95	16573	18.018	ug/L	97
35) Methylcyclohexane	9.331	83	21862	15.103	ug/L	94
37) 1,2-Dichloropropane	9.368	63	16960	20.539	ug/L	99
38) Bromodichloromethane	9.642	83	23342	21.247	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	20158	16.184	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	15839	39.927	ug/L	93
42) Toluene	10.386	91	58046	16.456	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	16888	16.135	ug/L	91
45) 1,1,2-Trichloroethane	10.782	97	13620	22.822	ug/L	98
46) Tetrachloroethene	10.861	164	11244	16.574	ug/L	93
48) 2-Hexanone	10.971	43	10789	33.257	ug/L	92
49) Dibromochloromethane	11.129	129	12293	18.461	ug/L	98
50) 1,2-Dibromoethane	11.233	107	11939	21.440	ug/L #	95
51) Chlorobenzene	11.654	112	35825	15.778	ug/L	97
52) Ethylbenzene	11.727	91	49356	12.263	ug/L	98
53) m,p-Xylene	11.837	106	16393	10.872	ug/L	91
54) o-Xylene	12.160	106	19384	13.905	ug/L	95
55) Styrene	12.178	104	34409	14.438	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	15592	23.168	ug/L	94
59) Bromoform	12.343	173	7330	24.146	ug/L	97
60) Isopropylbenzene	12.459	105	50081	14.967	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	10773	25.623	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	32732	12.399	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	31194	12.069	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	21665	14.875	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	21420	14.243	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	23202	18.103	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.483	75	2037	21.728	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	13008	13.544	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	9382	12.134	ug/L	97
71) Naphthalene	15.360	128	14445	10.813	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	9172	13.683	ug/L	92

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

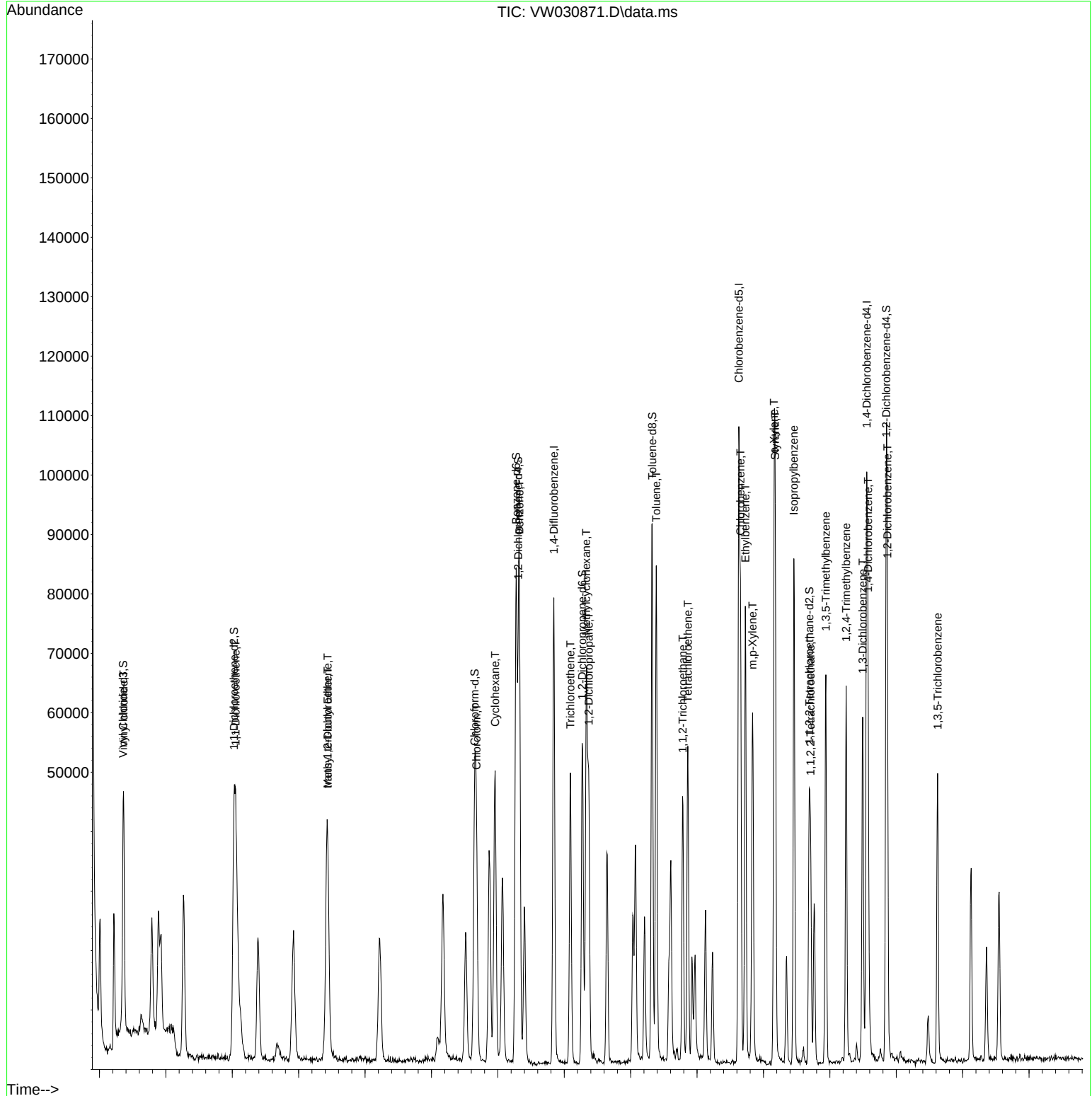
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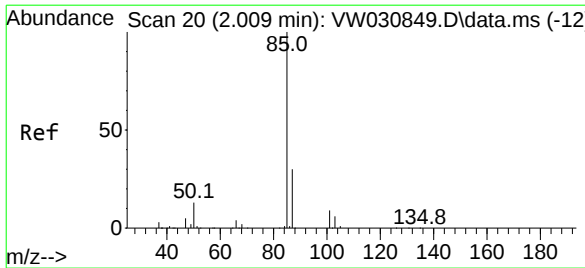
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD

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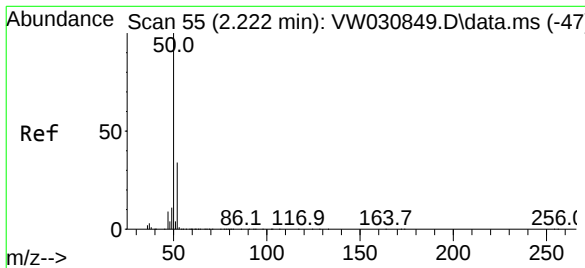
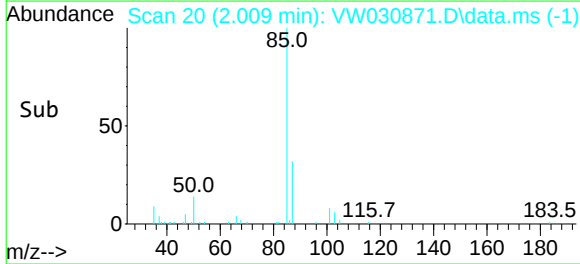
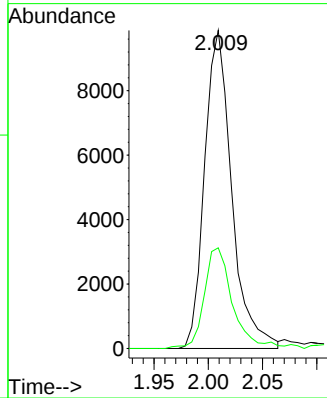
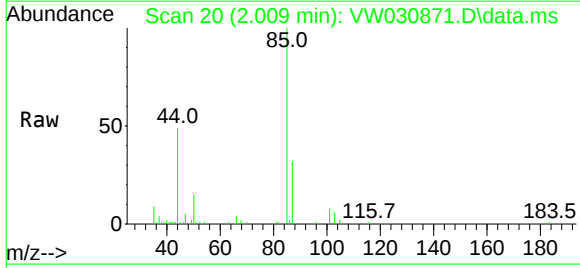
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Dichlorodifluoromethane
Concen: 21.882 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD

Tgt Ion: 85 Resp: 17173
Ion Ratio Lower Upper
85 100
87 32.1 23.8 35.6

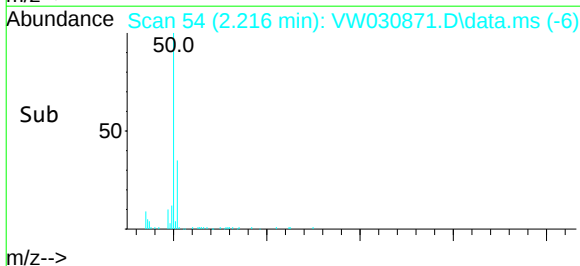
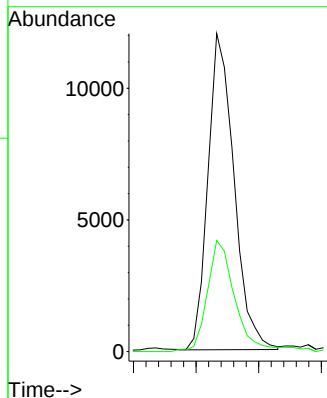
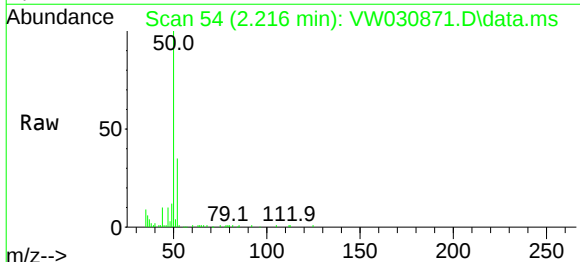
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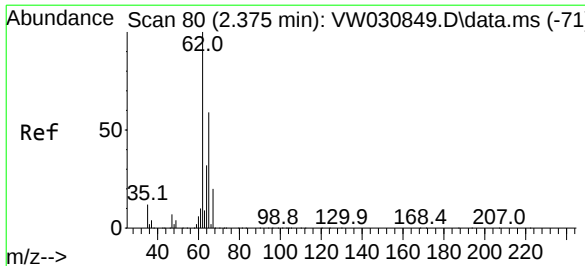
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#3
Chloromethane
Concen: 19.050 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

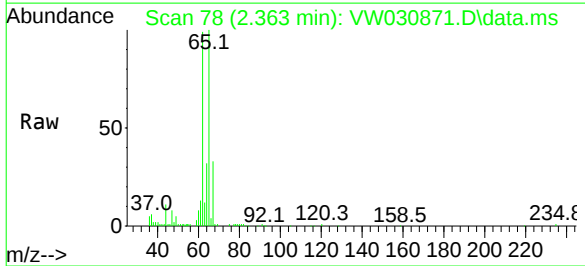
Tgt Ion: 50 Resp: 17376
Ion Ratio Lower Upper
50 100
52 34.9 23.7 43.9





#5
 Vinyl chloride
 Concen: 20.091 ug/L
 RT: 2.363 min Scan# 78
 Delta R.T. -0.012 min
 Lab File: VW030871.D
 Acq: 31 Oct 2024 19:14

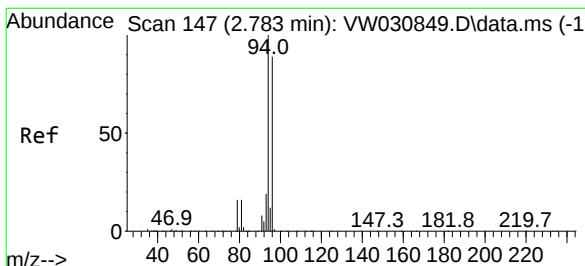
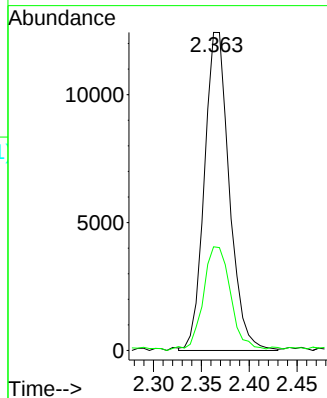
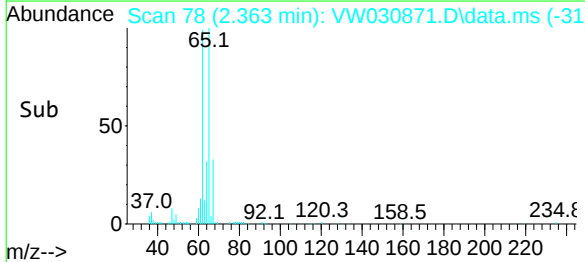
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC9MSD



Tgt Ion: 62 Resp: 22537
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.6 42.0

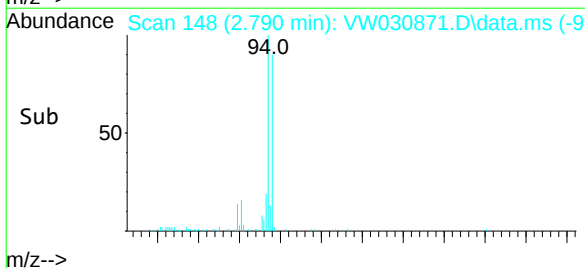
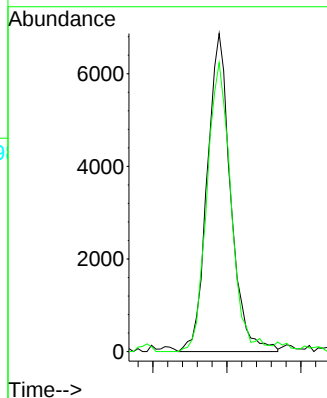
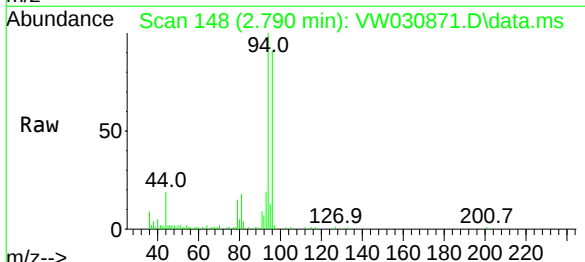
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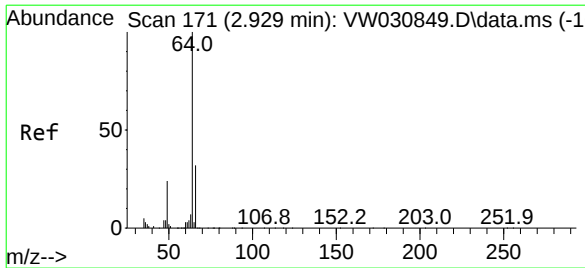
Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024



#6
 Bromomethane
 Concen: 20.513 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW030871.D
 Acq: 31 Oct 2024 19:14

Tgt Ion: 94 Resp: 15145
 Ion Ratio Lower Upper
 94 100
 96 90.8 62.6 116.2





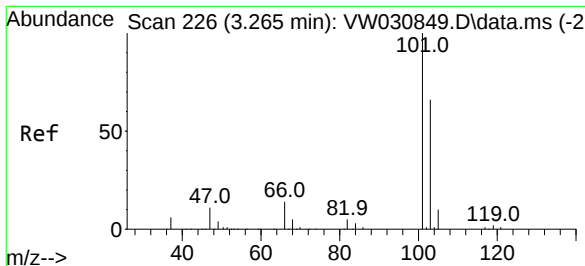
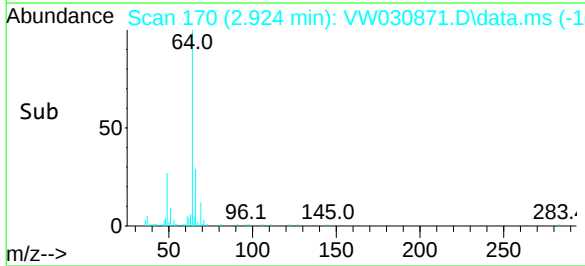
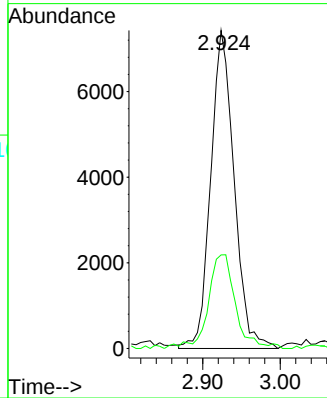
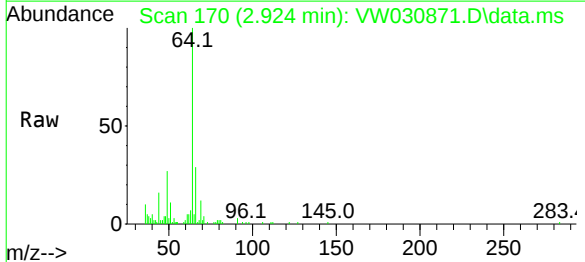
#8
Chloroethane
Concen: 22.726 ug/L
RT: 2.924 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 15584
Ion Ratio Lower Upper
64 100
66 29.4 22.3 41.5

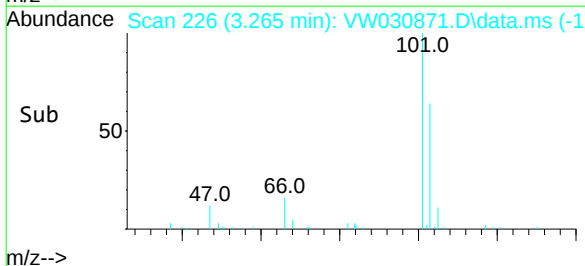
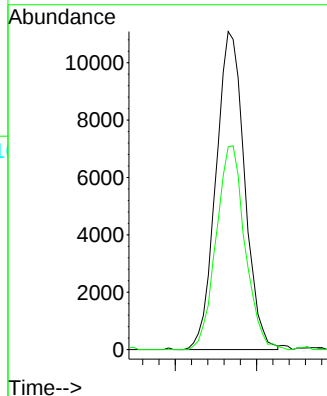
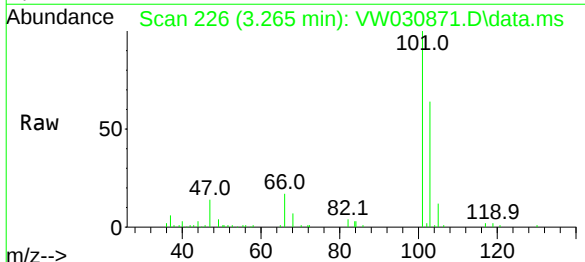
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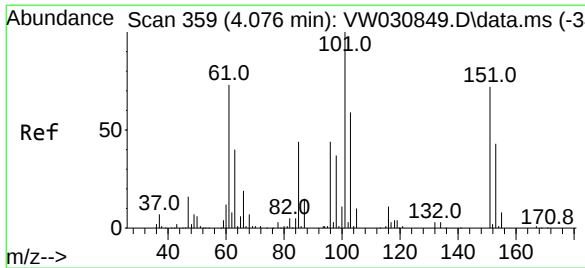
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#9
Trichlorofluoromethane
Concen: 26.956 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

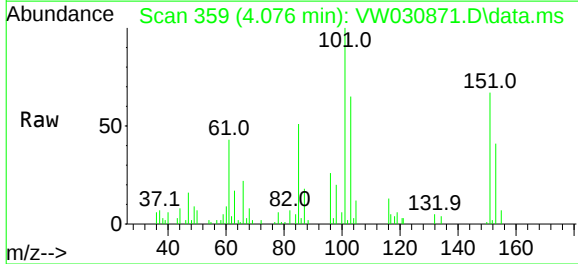
Tgt Ion:101 Resp: 27056
Ion Ratio Lower Upper
101 100
103 64.5 51.1 76.7





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 17.324 ug/L
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

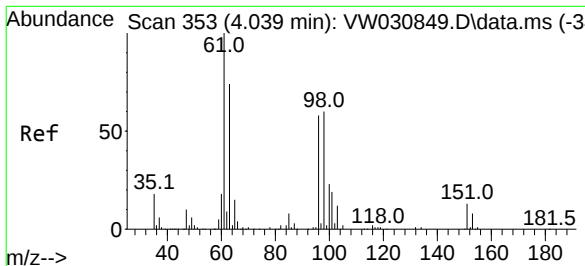
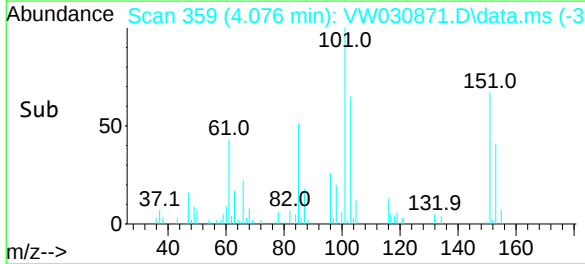
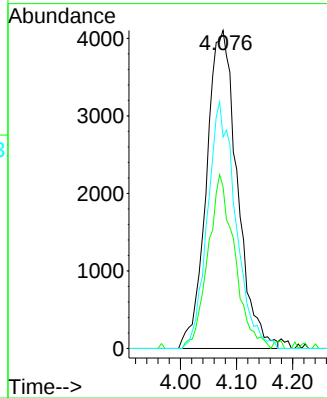
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Tgt Ion: 101 Resp: 15644
Ion Ratio Lower Upper
101 100
85 47.5 35.7 53.5
151 40.5 56.1 84.1#

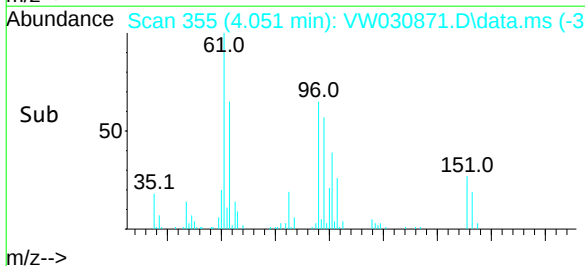
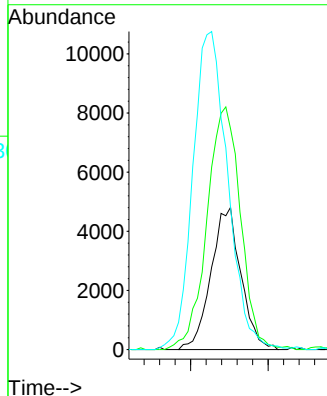
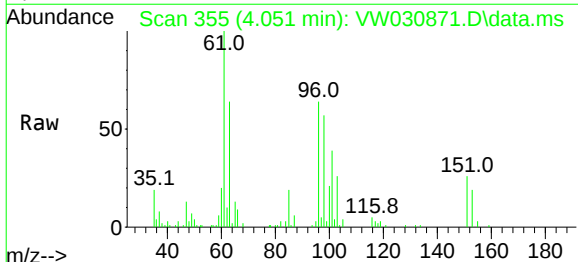
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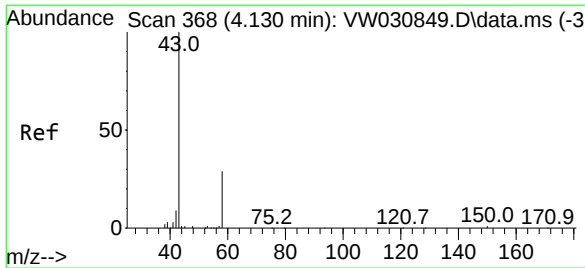
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#12
1,1-Dichloroethene
Concen: 15.648 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.013 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Tgt Ion: 96 Resp: 12896
Ion Ratio Lower Upper
96 100
61 155.2 121.3 225.3
63 100.1 87.6 162.8





#13

Acetone

Concen: 31.267 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.000 min

Lab File: VW030871.D

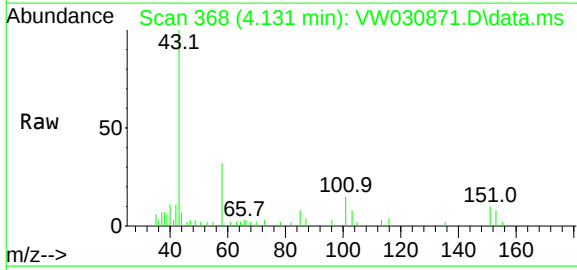
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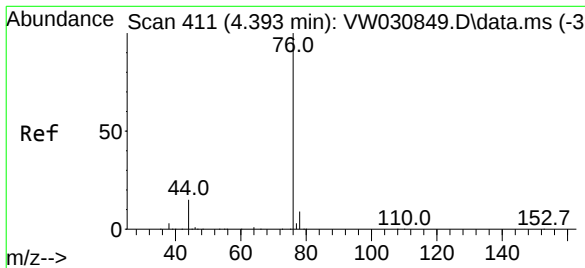
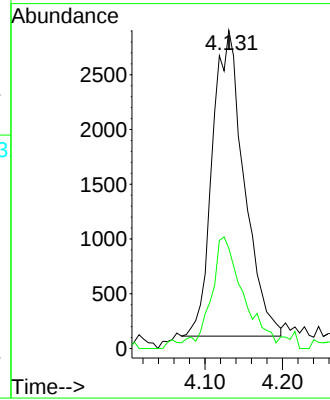
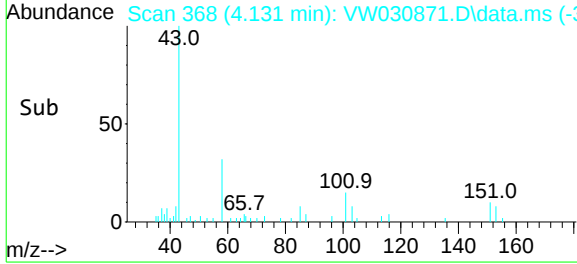


Tgt Ion:	43	Resp:	7954
Ion	Ratio	Lower	Upper
43	100		
58	35.7	0.0	57.6

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#14

Carbon disulfide

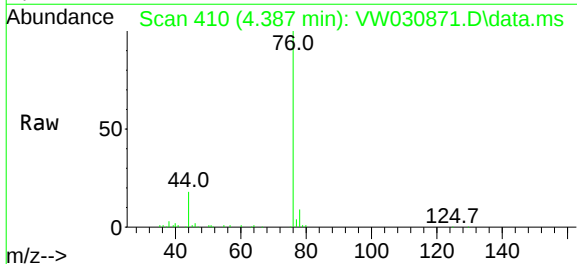
Concen: 15.352 ug/L

RT: 4.387 min Scan# 410

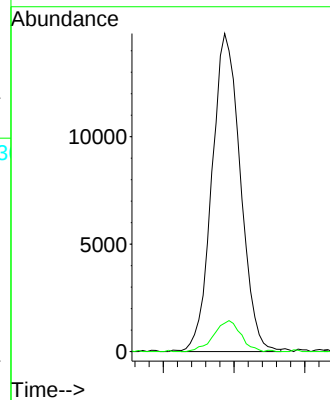
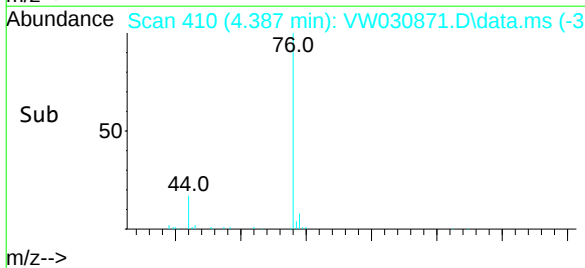
Delta R.T. -0.006 min

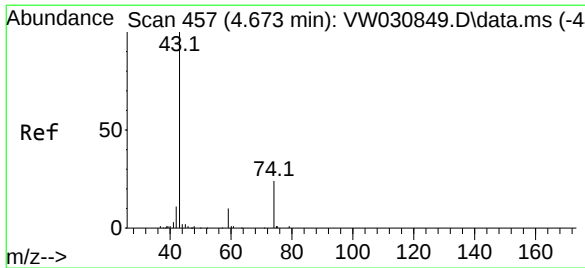
Lab File: VW030871.D

Acq: 31 Oct 2024 19:14



Tgt Ion:	76	Resp:	41315
Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7





#15

Methyl Acetate

Concen: 19.313 ug/L m

RT: 4.673 min Scan# 457

Delta R.T. 0.000 min

Lab File: VW030871.D

Acq: 31 Oct 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

A4EC9MSD

Tgt Ion: 43 Resp: 6069

Ion Ratio Lower Upper

43 100

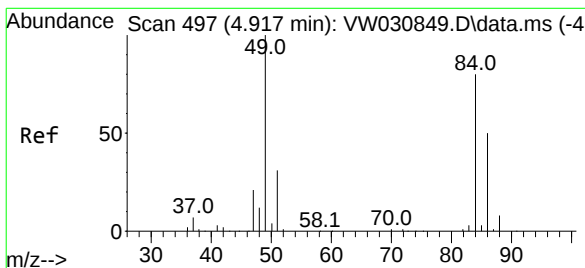
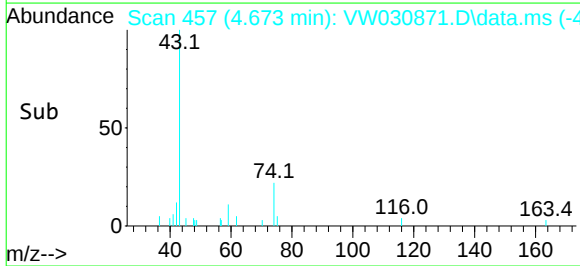
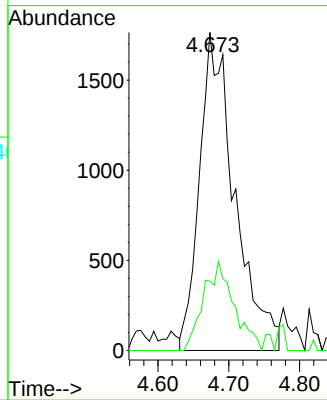
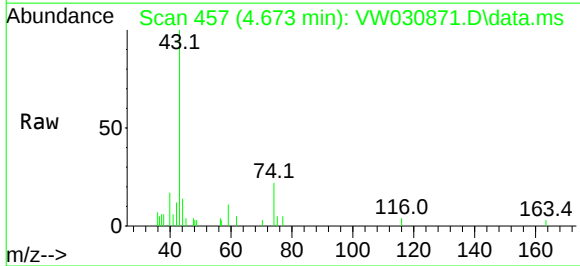
74 10.2 19.3 28.9#

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/01/2024

Supervised By :Semsettin Yesilyurt 11/04/2024



#16

Methylene chloride

Concen: 16.774 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW030871.D

Acq: 31 Oct 2024 19:14

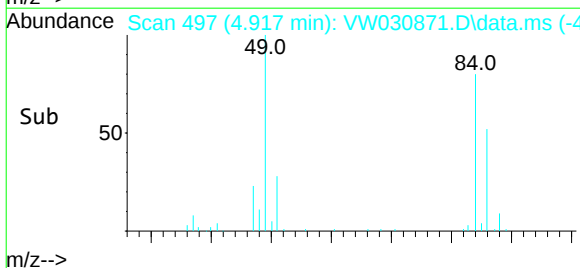
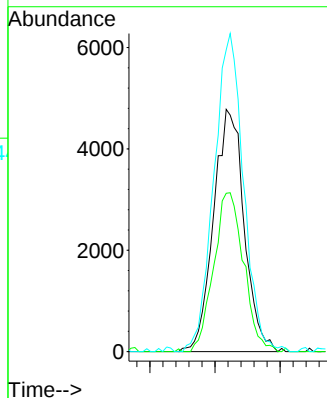
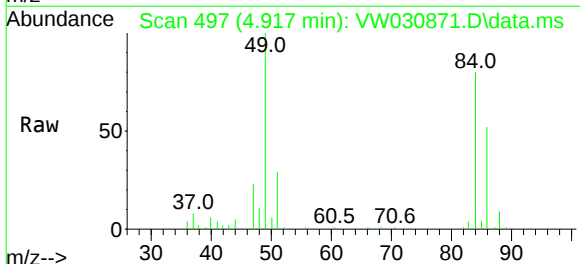
Tgt Ion: 84 Resp: 15577

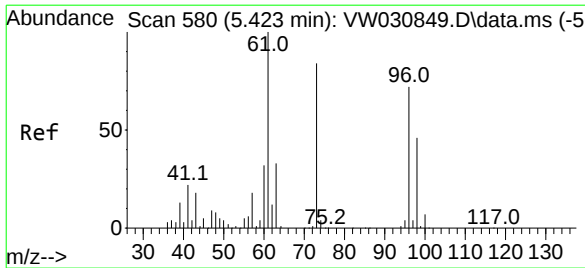
Ion Ratio Lower Upper

84 100

86 65.4 43.8 81.3

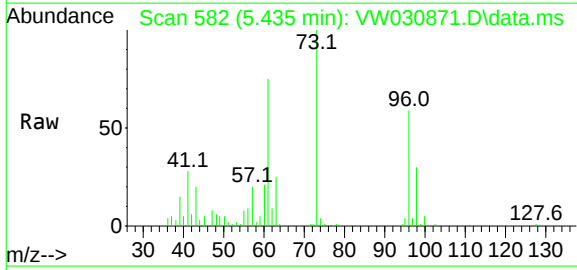
49 124.5 88.3 164.1





#17
trans-1,2-Dichloroethene
Concen: 15.441 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.013 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

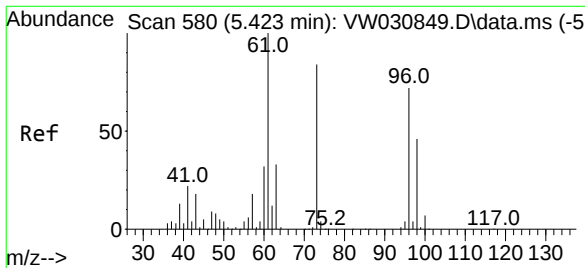
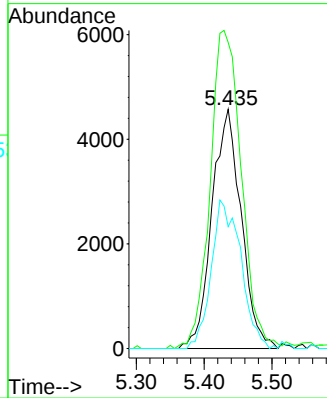
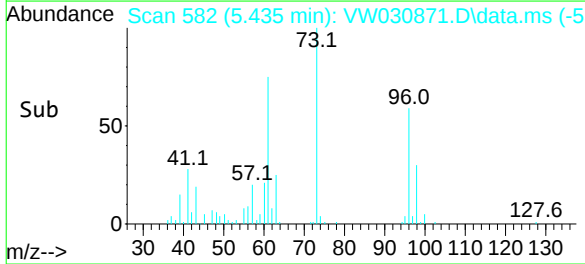
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



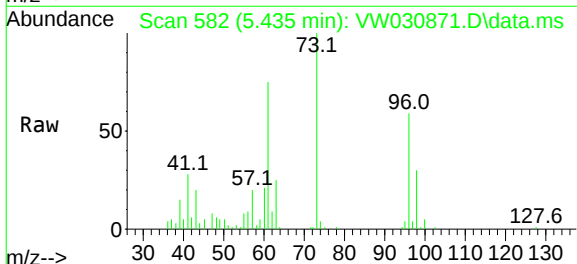
Tgt Ion: 96 Resp: 13732
Ion Ratio Lower Upper
96 100
61 128.0 96.9 179.9
98 51.0 42.2 78.4

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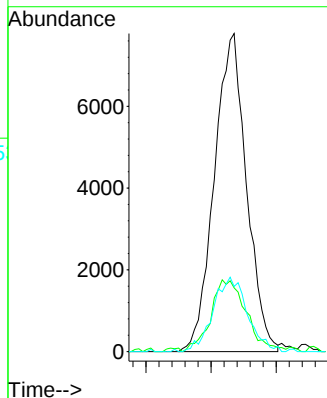
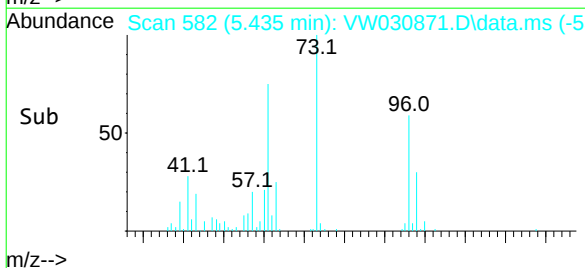
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024

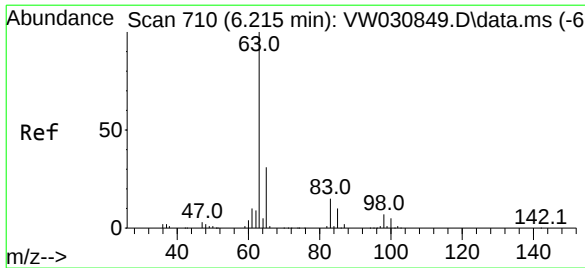


#18
Methyl tert-butyl Ether
Concen: 21.502 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.013 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14



Tgt Ion: 73 Resp: 26762
Ion Ratio Lower Upper
73 100
43 24.8 18.1 27.1
57 24.6 17.7 26.5





#19

1,1-Dichloroethane

Concen: 17.164 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW030871.D

Acq: 31 Oct 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

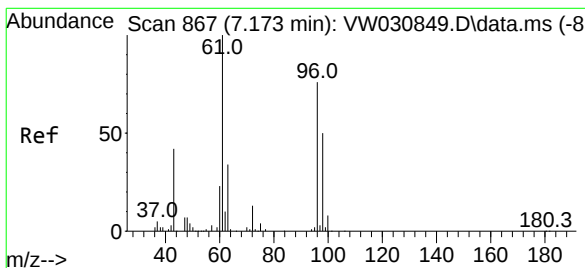
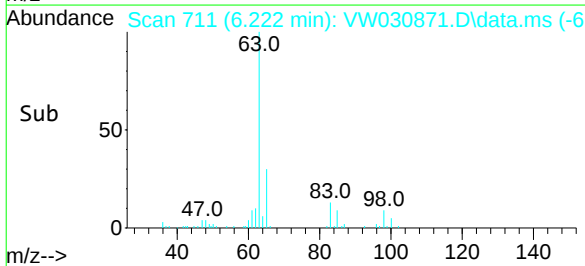
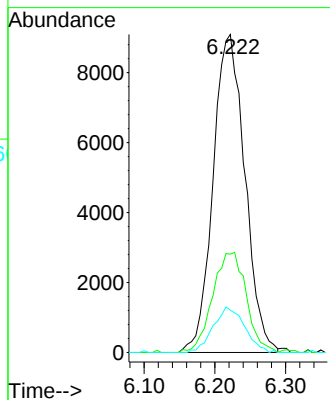
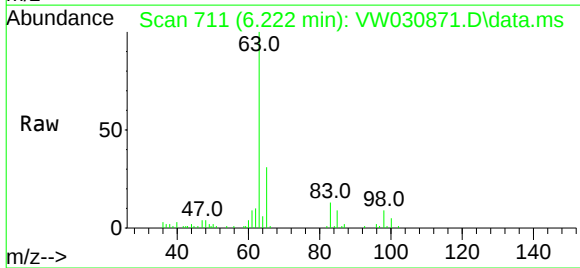
A4EC9MSD

Tgt Ion:	63	Resp:	28369
Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.5	41.9
83	13.3	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: 15.391 ug/L

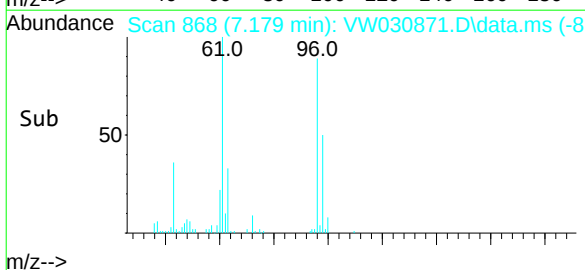
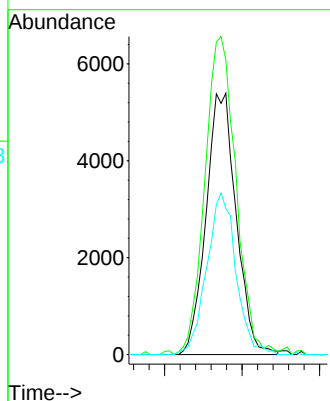
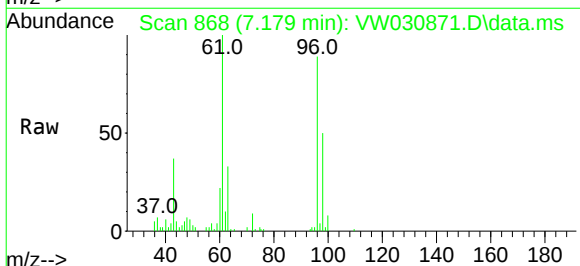
RT: 7.179 min Scan# 868

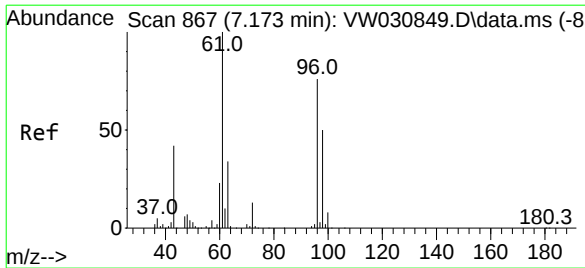
Delta R.T. 0.006 min

Lab File: VW030871.D

Acq: 31 Oct 2024 19:14

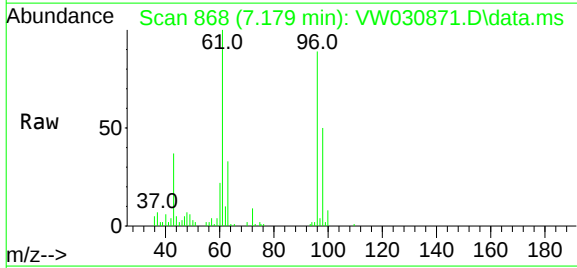
Tgt Ion:	96	Resp:	14599
Ion	Ratio	Lower	Upper
96	100		
61	112.8	88.3	163.9
98	55.9	41.3	76.7





#22
2-Butanone
Concen: 22.369 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

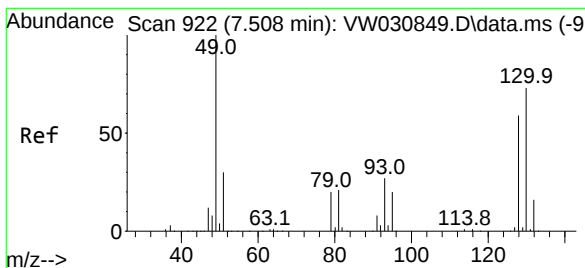
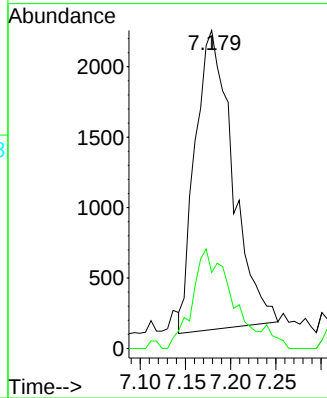
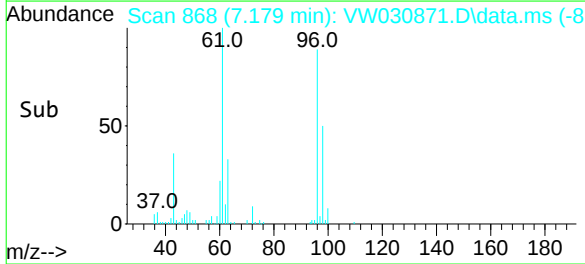
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



Tgt Ion: 43 Resp: 6134
Ion Ratio Lower Upper
43 100
72 17.5 14.4 43.0

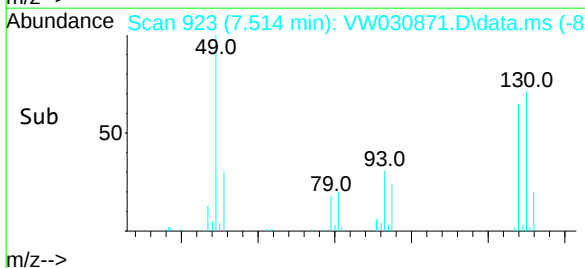
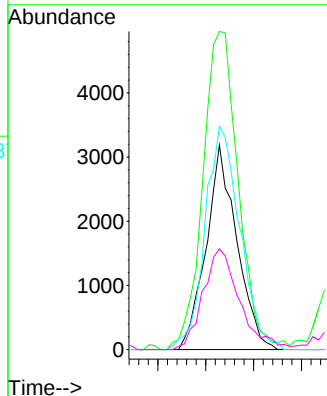
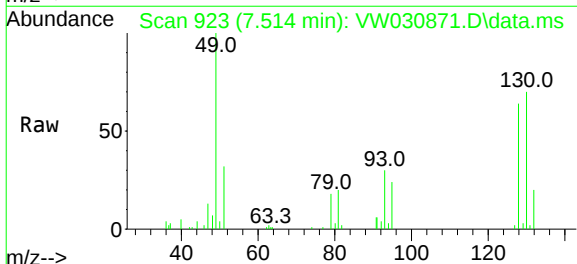
Manual Integrations
APPROVED

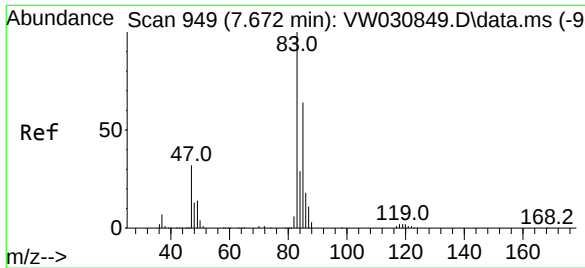
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#23
Bromochloromethane
Concen: 17.108 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Tgt Ion:128 Resp: 7099
Ion Ratio Lower Upper
128 100
49 155.5 110.1 204.5
130 109.3 82.9 153.9
51 49.3 37.9 56.9





#25

Chloroform

Concen: 17.823 ug/L

RT: 7.679 min Scan# 95

Delta R.T. 0.006 min

Lab File: VW030871.D

Acq: 31 Oct 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

A4EC9MSD

Tgt Ion: 83 Resp: 31481

Ion Ratio Lower Upper

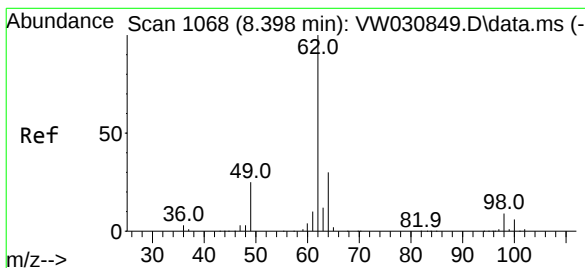
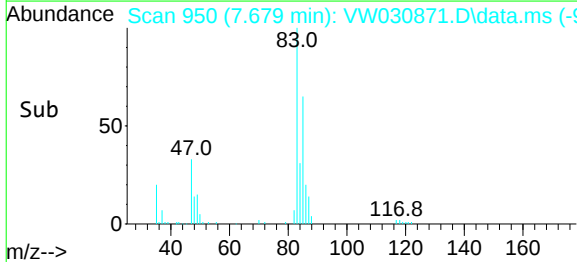
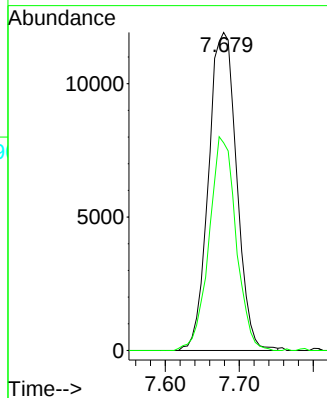
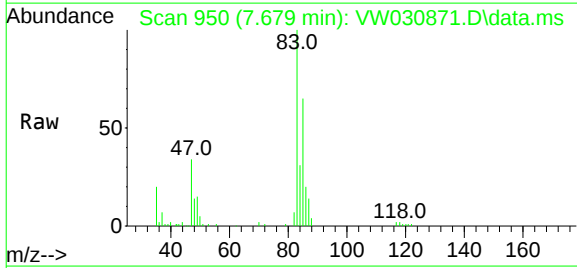
83 100

85 65.3 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: 20.474 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030871.D

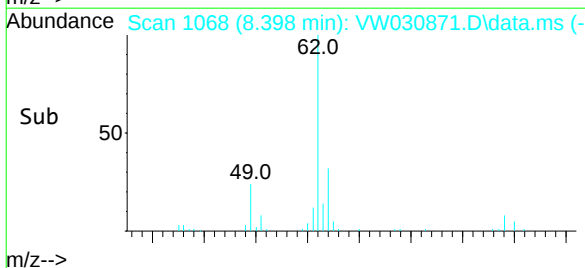
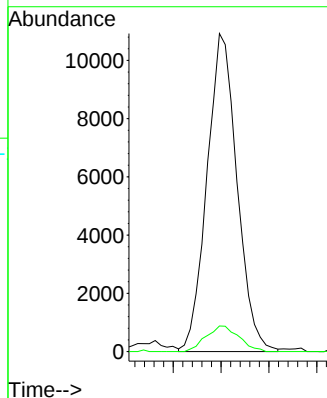
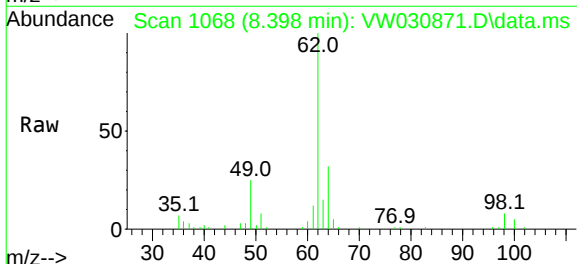
Acq: 31 Oct 2024 19:14

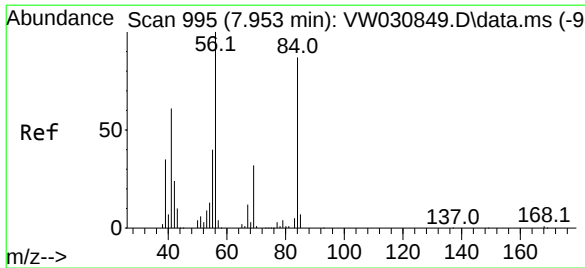
Tgt Ion: 62 Resp: 23857

Ion Ratio Lower Upper

62 100

98 8.0 7.0 10.6





#29

Cyclohexane

Concen: 16.980 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW030871.D

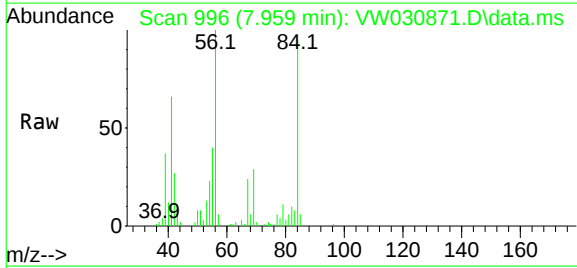
Acq: 31 Oct 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

A4EC9MSD



Tgt Ion: 56 Resp: 21000

Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.0

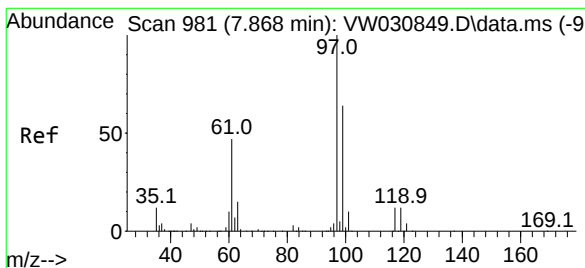
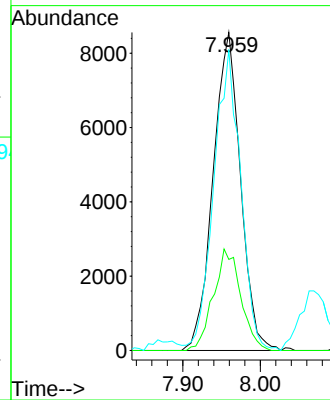
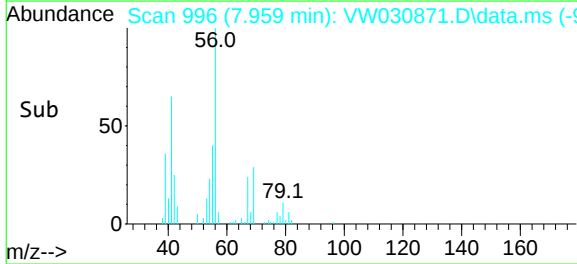
84 92.7 72.3 108.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/01/2024

Supervised By :Semsettin Yesilyurt 11/04/2024



#30

1,1,1-Trichloroethane

Concen: 20.345 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030871.D

Acq: 31 Oct 2024 19:14

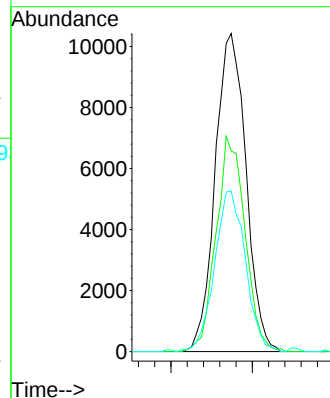
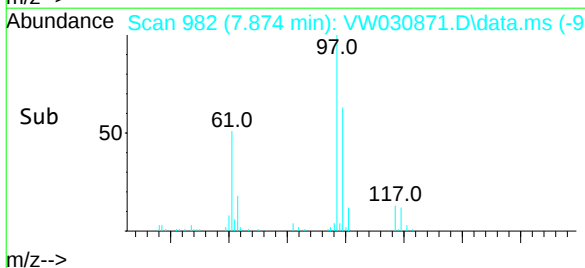
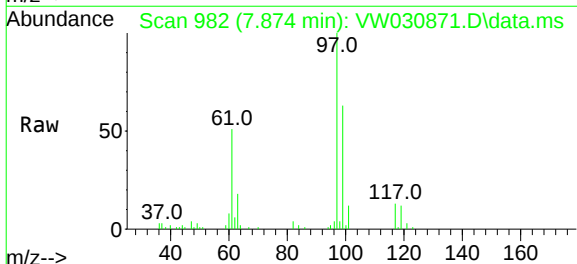
Tgt Ion: 97 Resp: 27439

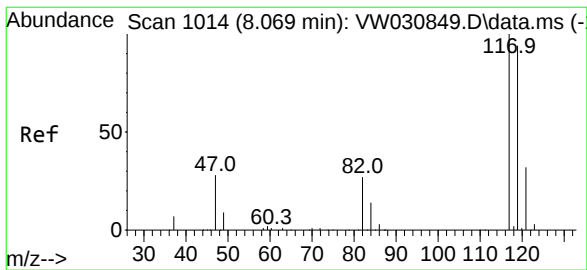
Ion Ratio Lower Upper

97 100

99 63.6 52.3 78.5

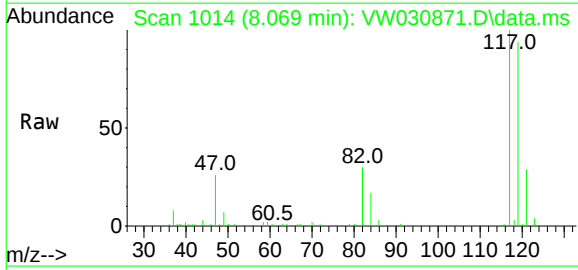
61 50.5 38.5 57.7





#31
Carbon tetrachloride
Concen: 17.914 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

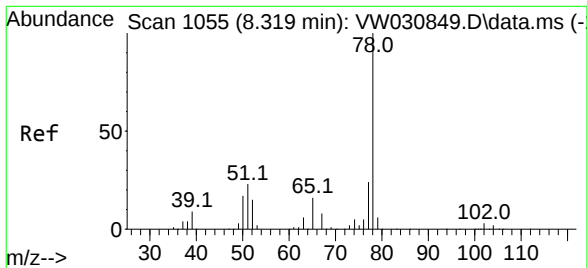
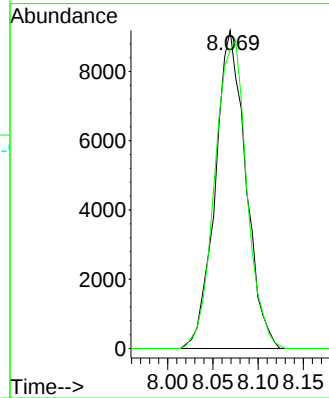
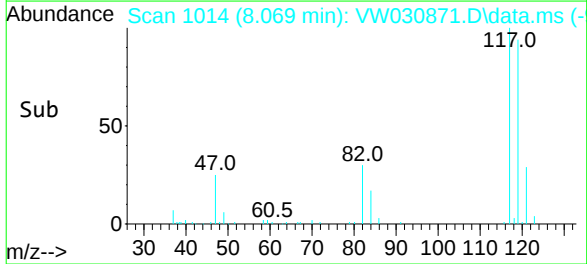
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



Tgt Ion:117 Resp: 21579
Ion Ratio Lower Upper
117 100
119 101.5 77.8 116.8

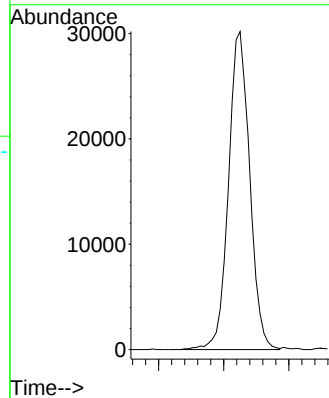
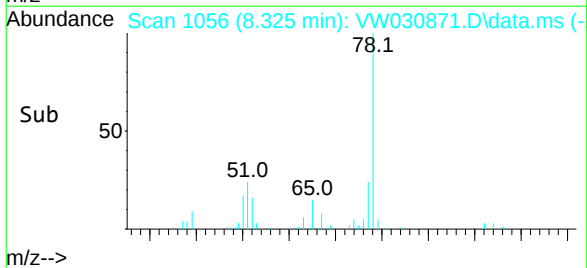
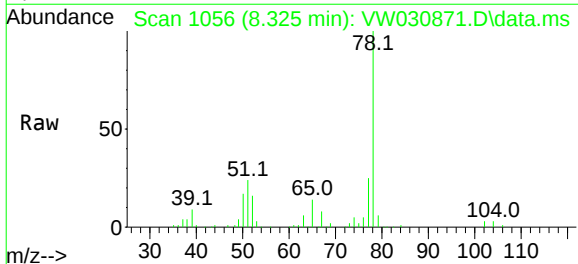
Manual Integrations
APPROVED

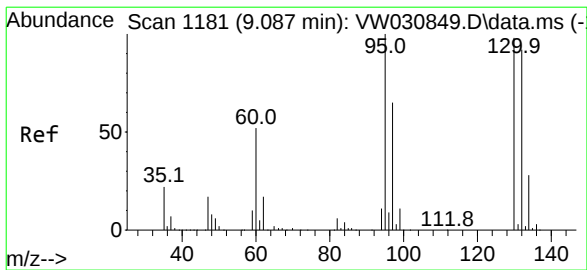
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#33
Benzene
Concen: 20.632 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

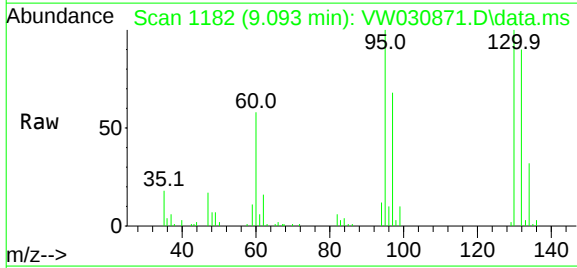
Tgt Ion: 78 Resp: 68214





#34
Trichloroethene
Concen: 18.018 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

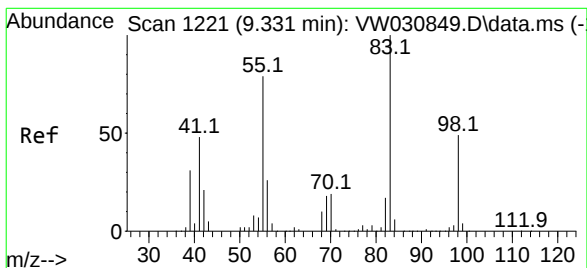
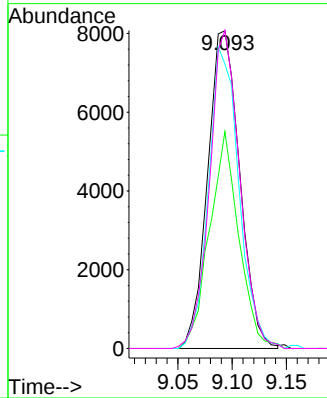
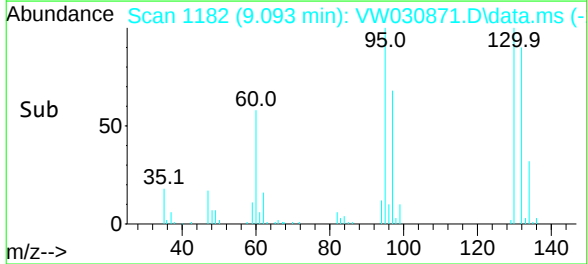
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



Tgt Ion: 95 Resp: 16573
Ion Ratio Lower Upper
95 100
97 68.2 45.9 85.3
132 89.6 66.4 123.2
130 100.1 70.4 130.8

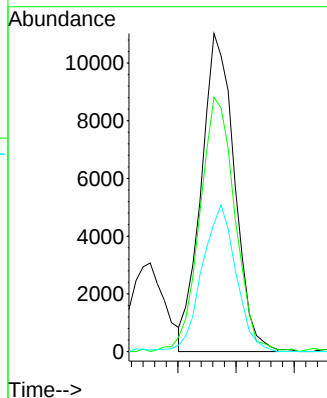
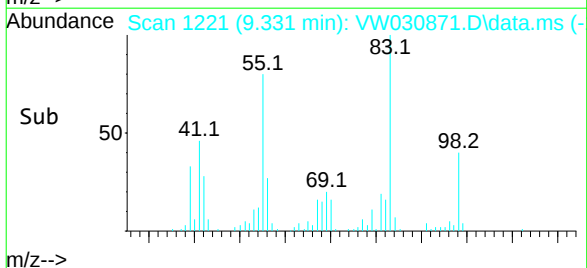
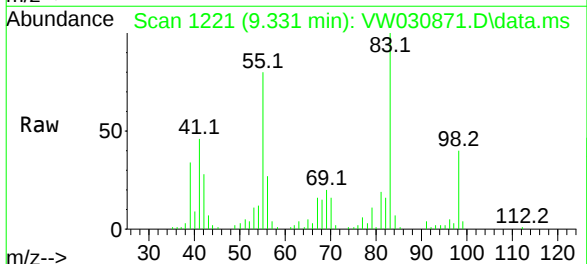
Manual Integrations
APPROVED

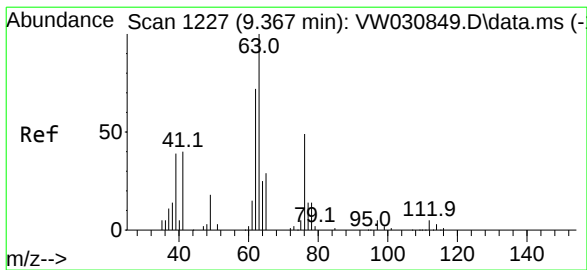
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#35
Methylcyclohexane
Concen: 15.103 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

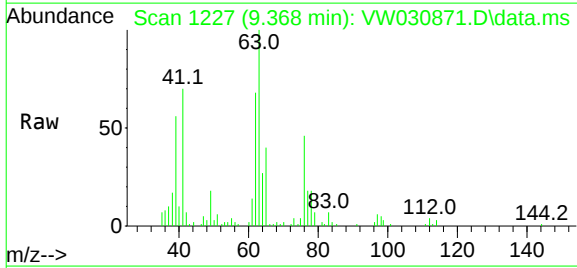
Tgt Ion: 83 Resp: 21862
Ion Ratio Lower Upper
83 100
55 84.4 61.8 92.8
98 47.1 39.3 58.9





#37
1,2-Dichloropropane
Concen: 20.539 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

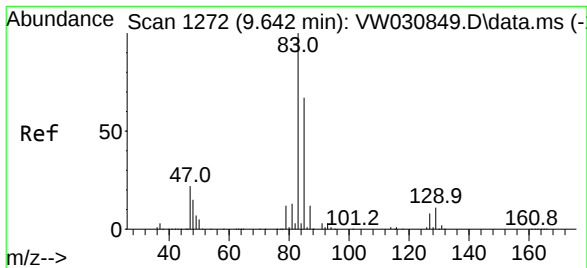
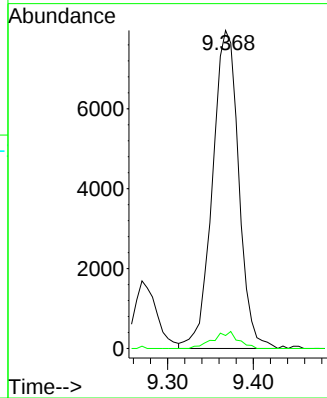
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



Tgt Ion: 63 Resp: 16960
Ion Ratio Lower Upper
63 100
112 5.1 3.7 5.5

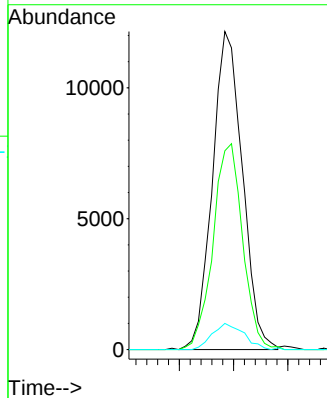
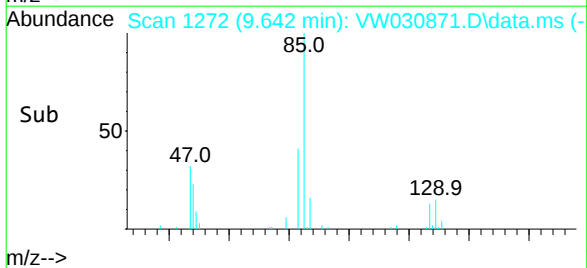
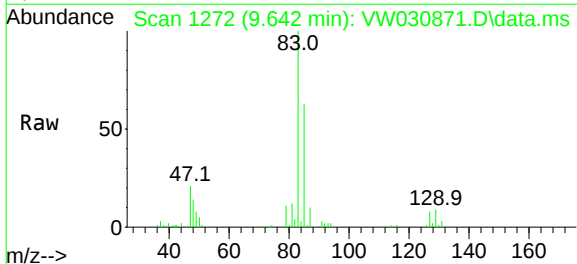
Manual Integrations
APPROVED

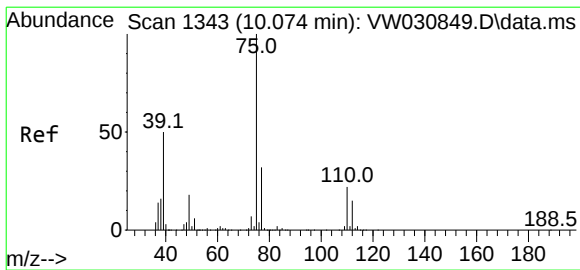
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#38
Bromodichloromethane
Concen: 21.247 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

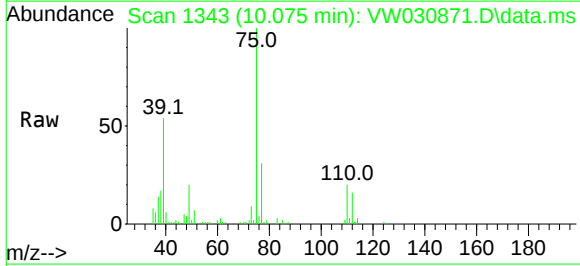
Tgt Ion: 83 Resp: 23342
Ion Ratio Lower Upper
83 100
85 62.5 44.2 82.0
127 8.2 6.2 9.4





#39
 cis-1,3-Dichloropropene
 Concen: 16.184 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW030871.D
 Acq: 31 Oct 2024 19:14

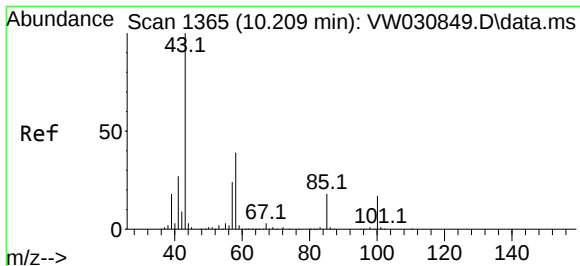
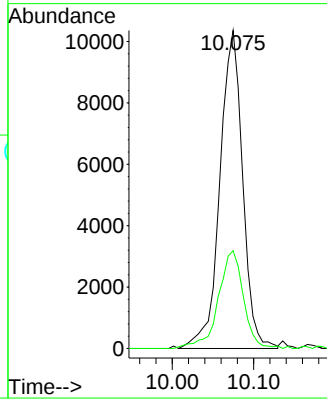
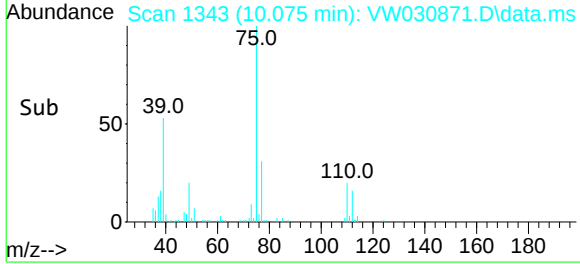
Instrument : MSVOA_W
 ClientSampleId : A4EC9MSD



Tgt Ion: 75 Resp: 20158
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.1 39.1

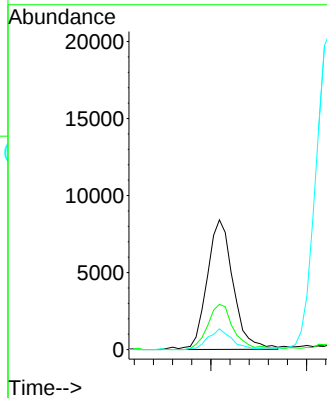
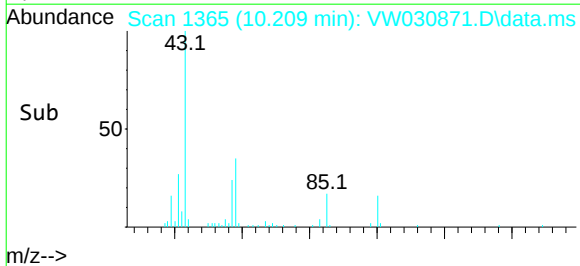
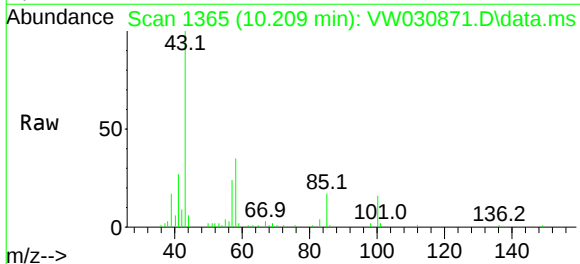
Manual Integrations
 APPROVED

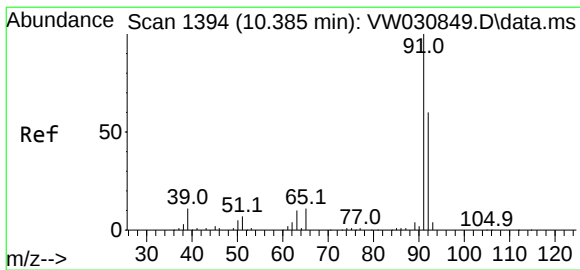
Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024



#40
 4-Methyl-2-pentanone
 Concen: 39.927 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW030871.D
 Acq: 31 Oct 2024 19:14

Tgt Ion: 43 Resp: 15839
 Ion Ratio Lower Upper
 43 100
 58 33.8 31.4 47.2
 100 14.7 13.1 19.7





#42

Toluene

Concen: 16.456 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030871.D

Acq: 31 Oct 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

A4EC9MSD

Tgt Ion: 91 Resp: 58046

Ion Ratio Lower Upper

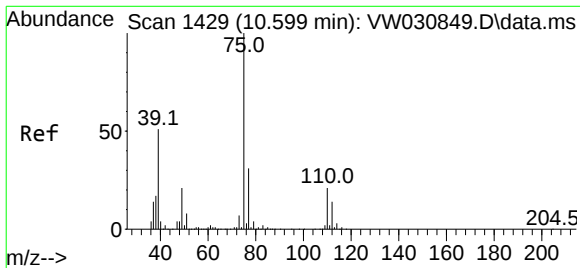
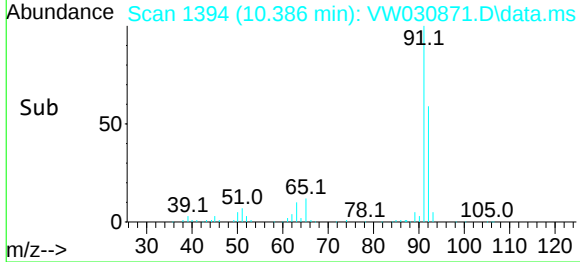
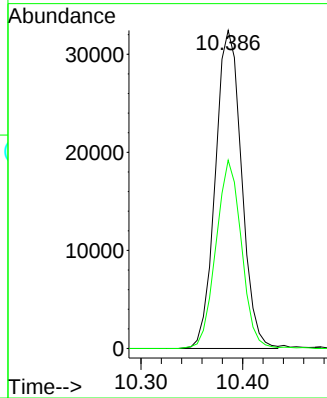
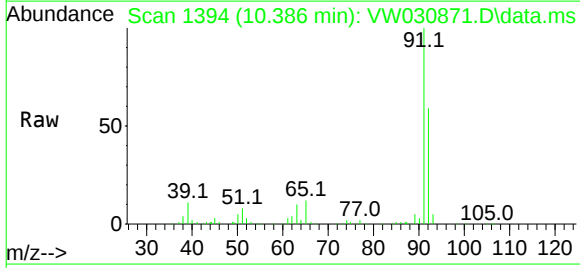
91 100

92 59.2 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: 16.135 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW030871.D

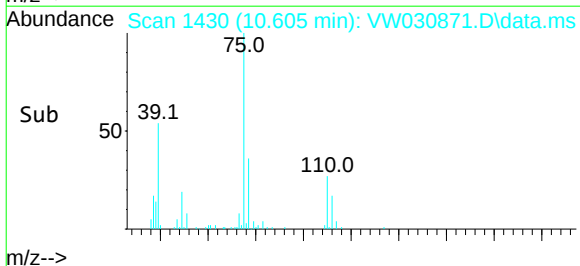
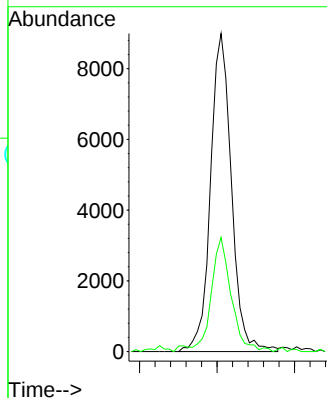
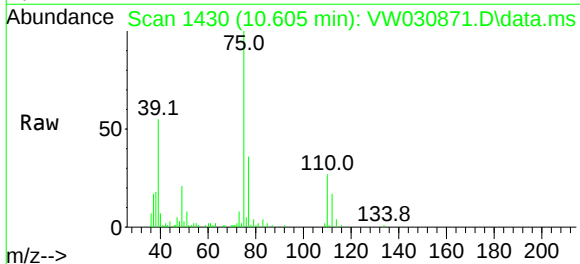
Acq: 31 Oct 2024 19:14

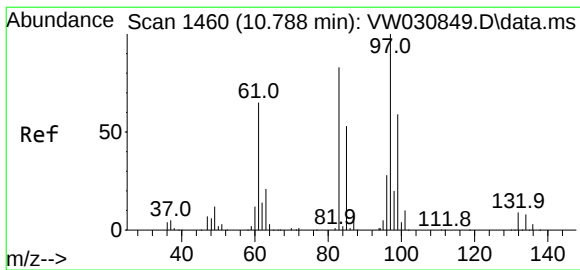
Tgt Ion: 75 Resp: 16888

Ion Ratio Lower Upper

75 100

77 35.9 21.6 40.2





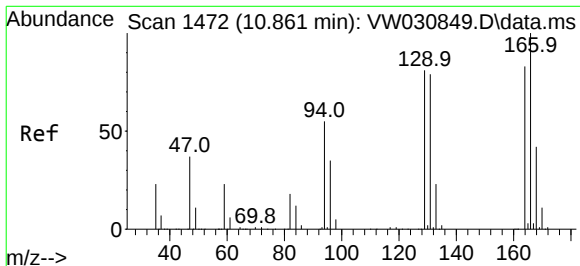
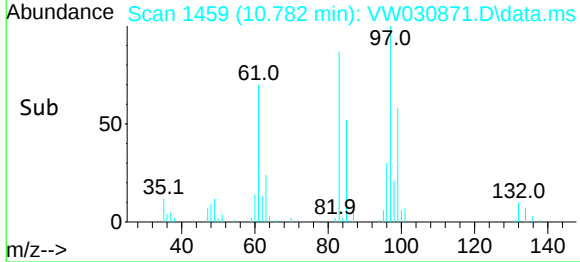
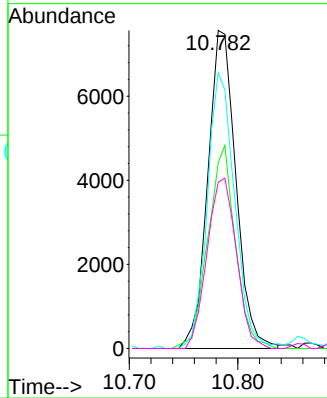
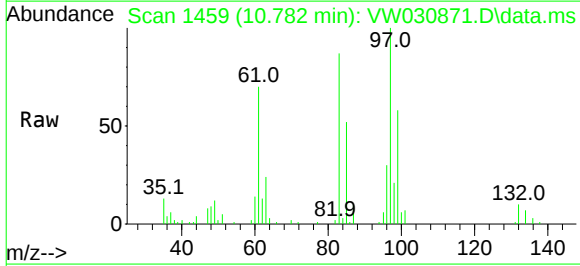
#45
1,1,2-Trichloroethane
Concen: 22.822 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Instrument : MSVOA_W
ClientSampleId : A4EC9MSD

Tgt Ion: 97	Resp: 13620
Ion Ratio	Lower Upper
97 100	
99 58.4	41.2 76.6
83 86.7	59.6 110.6
85 52.3	37.7 69.9

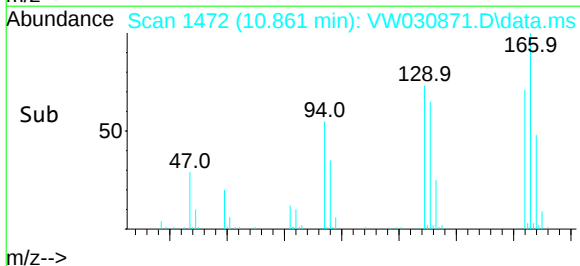
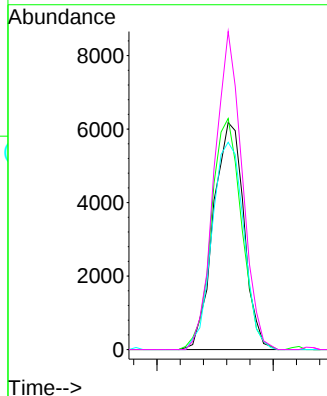
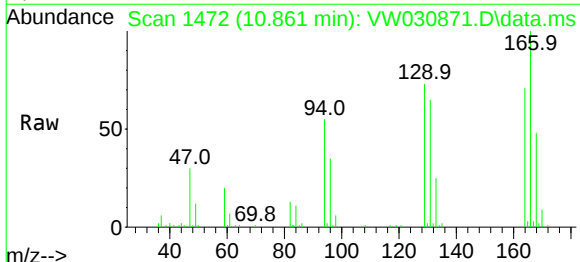
Manual Integrations
APPROVED

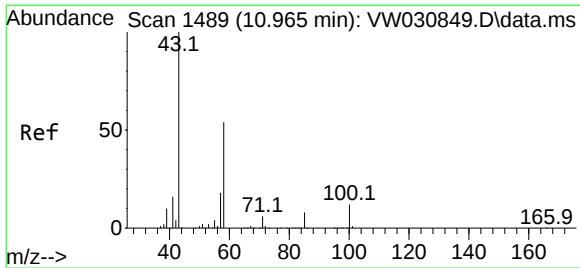
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#46
Tetrachloroethene
Concen: 16.574 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

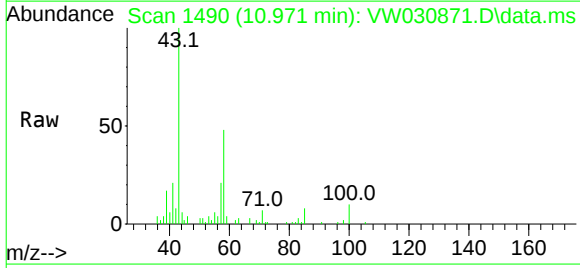
Tgt	Ion:164	Resp:	11244
Ion	Ratio	Lower	Upper
164	100		
129	101.8	66.6	123.6
131	91.3	63.7	118.3
166	140.1	88.7	164.7





#48
2-Hexanone
Concen: 33.257 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

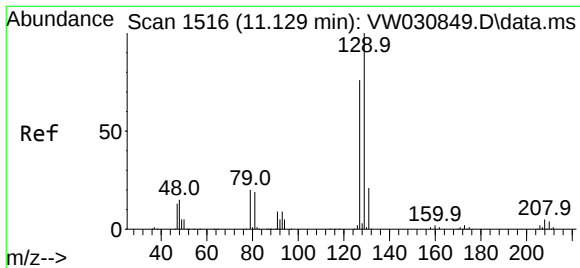
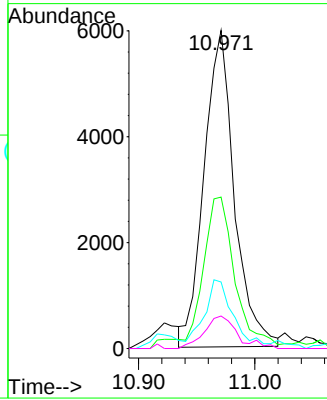
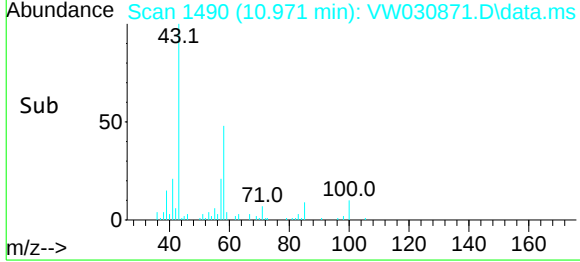
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



Tgt Ion: 43 Resp: 10789
Ion Ratio Lower Upper
43 100
58 48.4 44.6 67.0
57 20.8 15.8 23.8
100 10.3 10.2 15.2

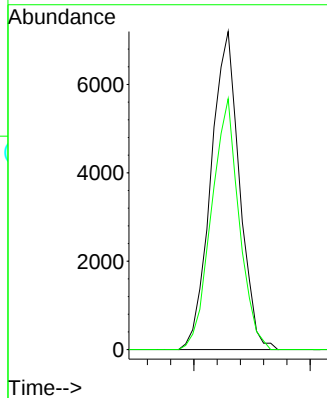
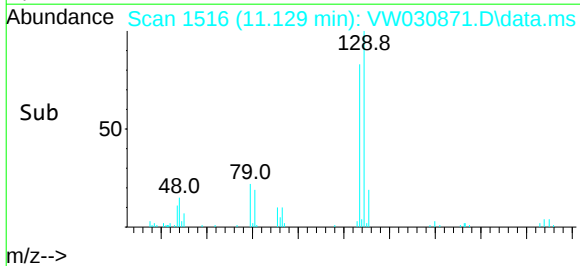
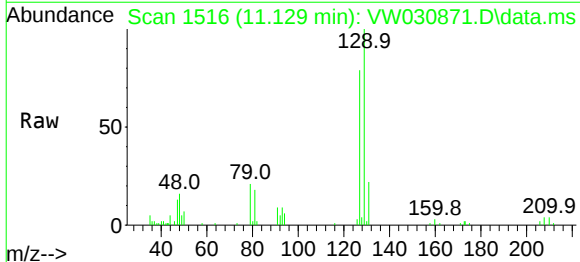
Manual Integrations
APPROVED

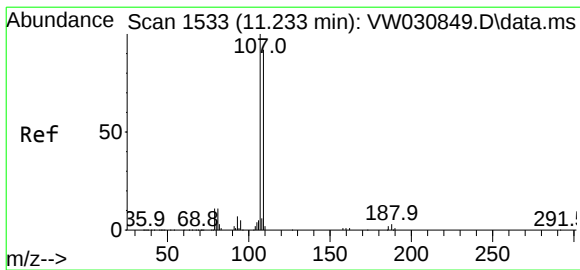
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#49
Dibromochloromethane
Concen: 18.461 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

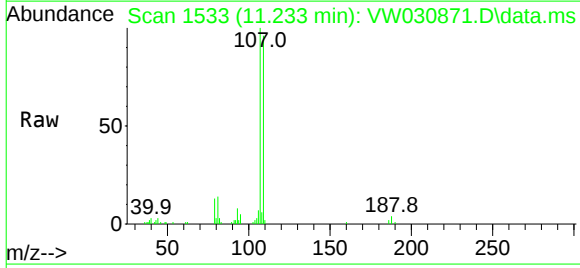
Tgt Ion:129 Resp: 12293
Ion Ratio Lower Upper
129 100
127 78.9 56.5 104.9





#50
1,2-Dibromoethane
Concen: 21.440 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

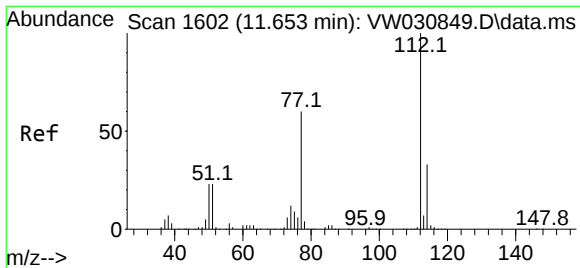
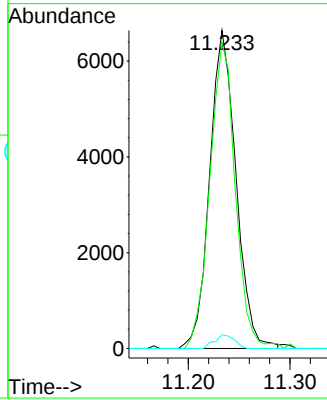
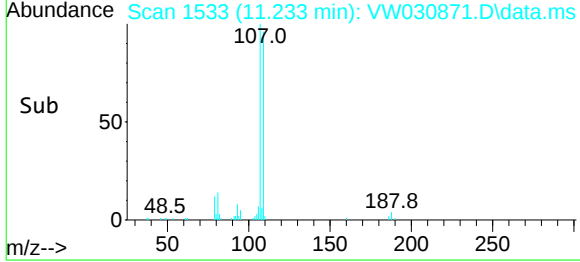
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



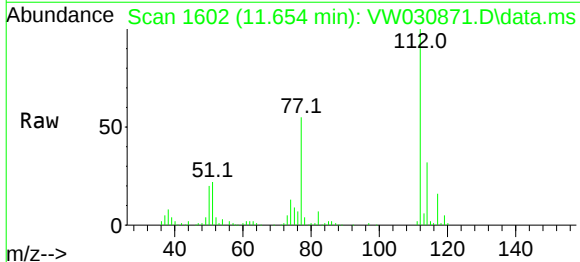
Tgt Ion:	107	Resp:	11939
Ion	Ratio	Lower	Upper
107	100		
109	96.3	63.8	118.6
188	4.3	2.6	3.8

Manual Integrations
APPROVED

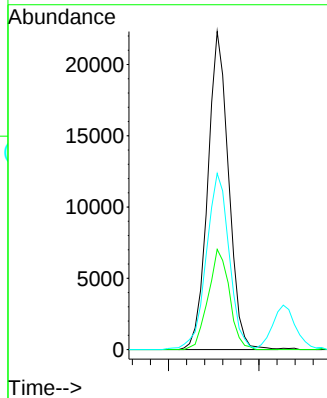
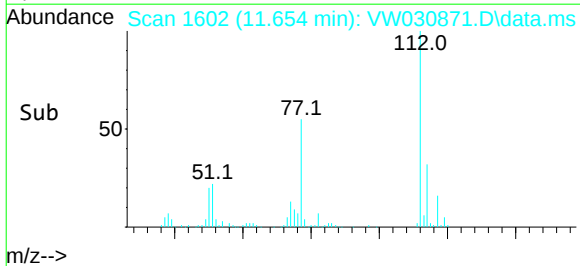
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024

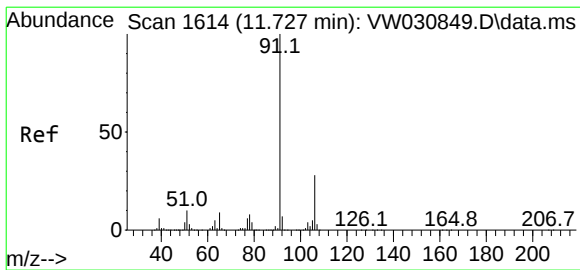


#51
Chlorobenzene
Concen: 15.778 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14



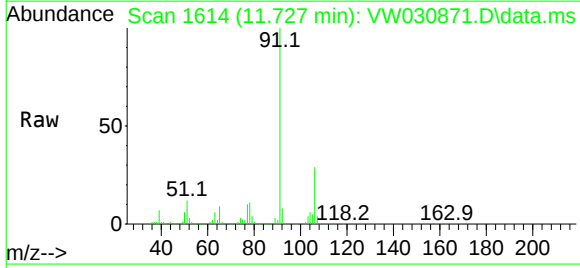
Tgt Ion:	112	Resp:	35825
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.4	41.6
77	55.4	47.1	70.7





#52
Ethylbenzene
Concen: 12.263 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

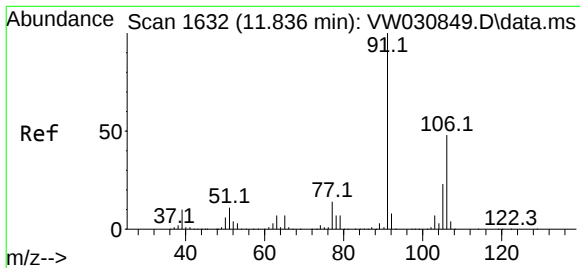
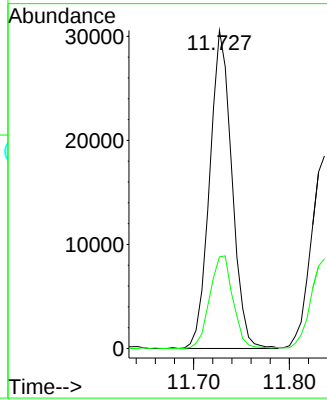
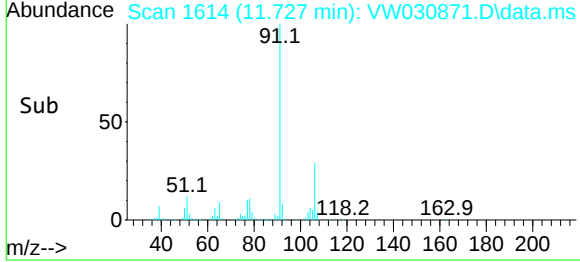
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



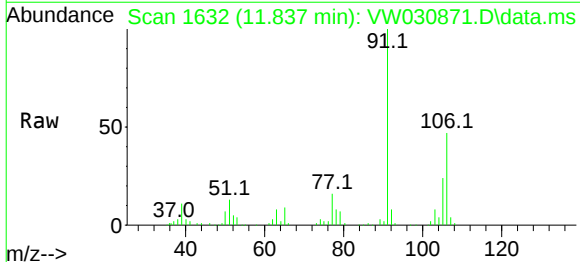
Tgt Ion: 91 Resp: 49356
Ion Ratio Lower Upper
91 100
106 28.8 21.1 39.1

Manual Integrations
APPROVED

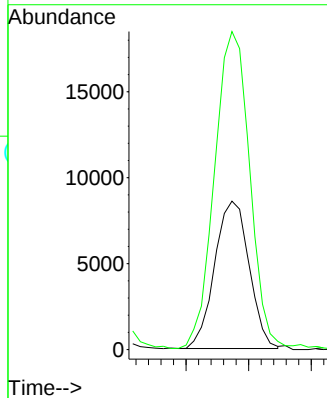
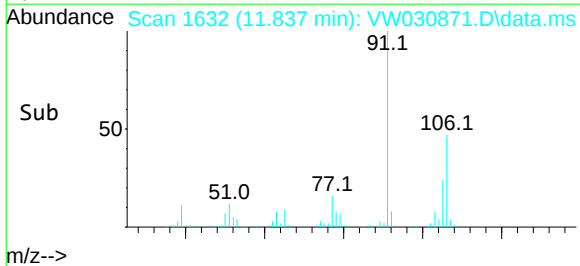
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024

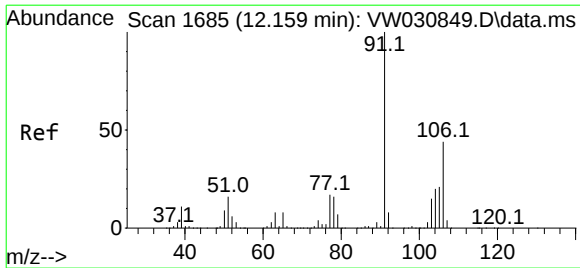


#53
m,p-Xylene
Concen: 10.872 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14



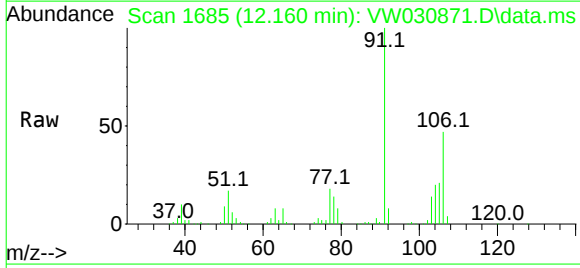
Tgt Ion:106 Resp: 16393
Ion Ratio Lower Upper
106 100
91 214.3 140.6 261.2





#54
o-Xylene
Concen: 13.905 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

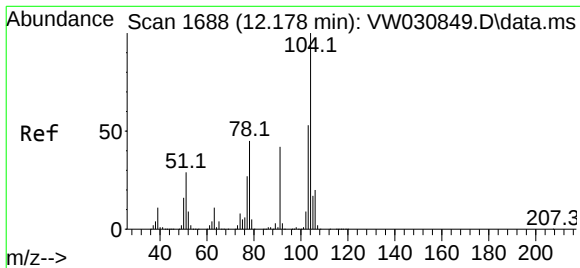
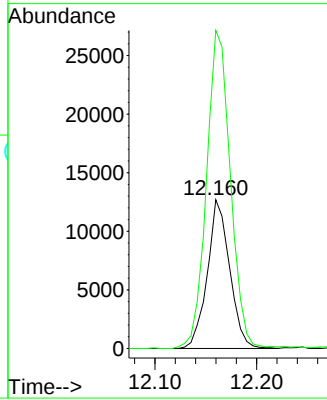
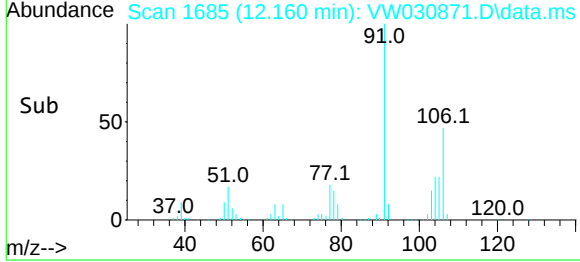
Instrument : MSVOA_W
ClientSampleId : A4EC9MSD



Tgt Ion:106 Resp: 19384
Ion Ratio Lower Upper
106 100
91 213.8 144.5 268.4

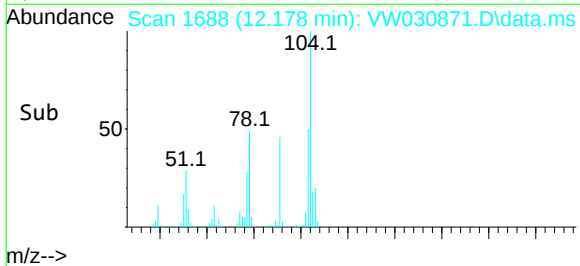
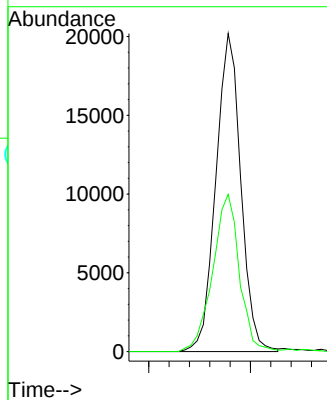
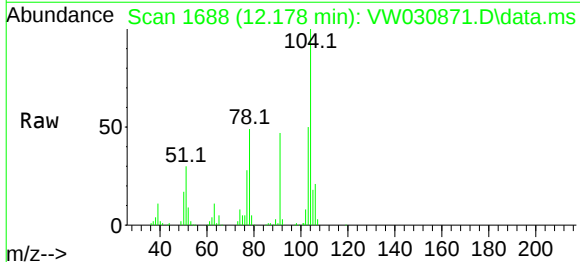
Manual Integrations
APPROVED

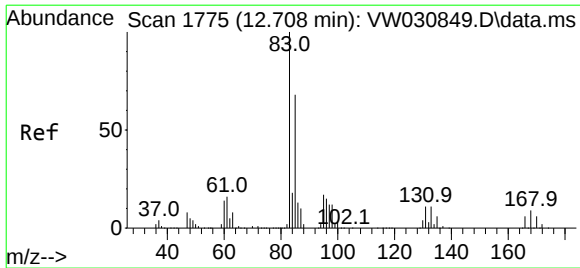
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#55
Styrene
Concen: 14.438 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

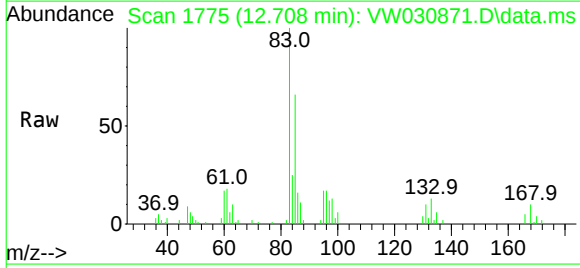
Tgt Ion:104 Resp: 34409
Ion Ratio Lower Upper
104 100
78 49.4 34.3 63.7





#57
1,1,2,2-Tetrachloroethane
Concen: 23.168 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

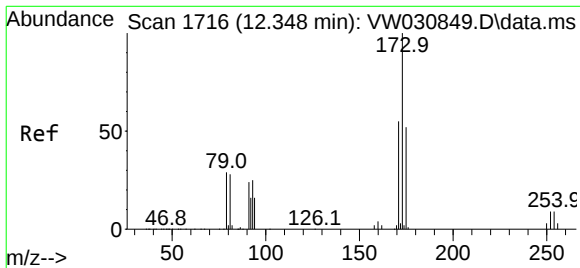
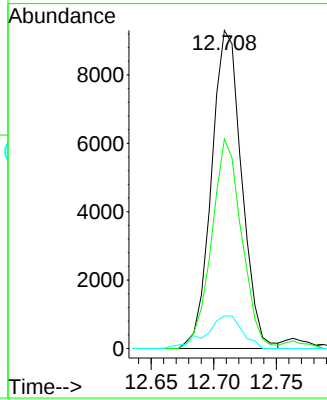
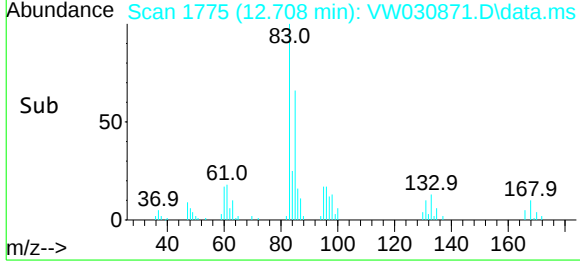
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



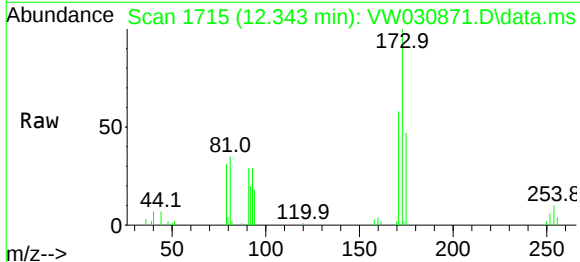
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	42.6	79.2
131	10.2	7.4	11.0

Manual Integrations
APPROVED

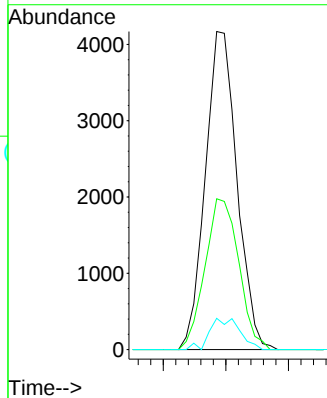
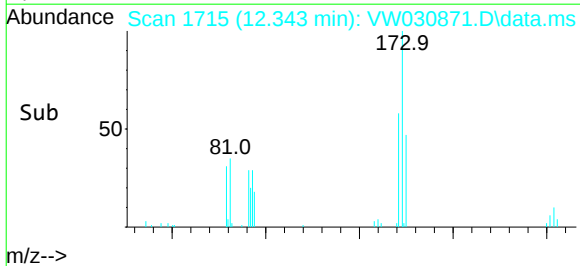
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024

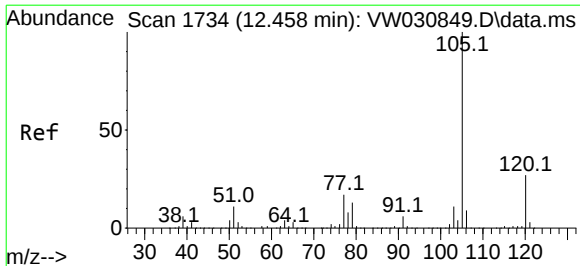


#59
Bromoform
Concen: 24.146 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14



Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.6	39.0	58.4
254	9.0	7.7	11.5





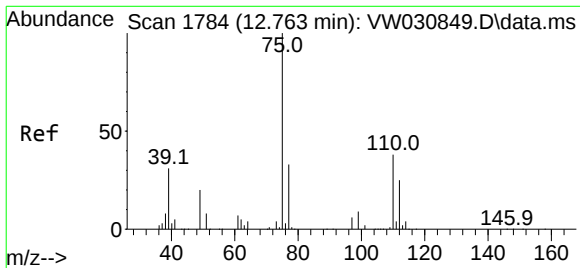
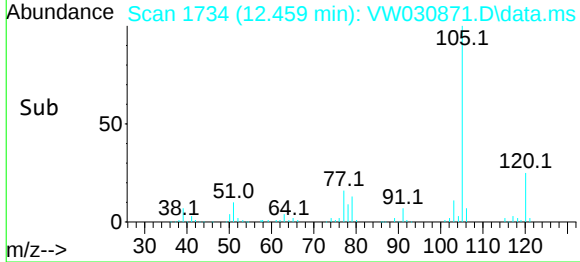
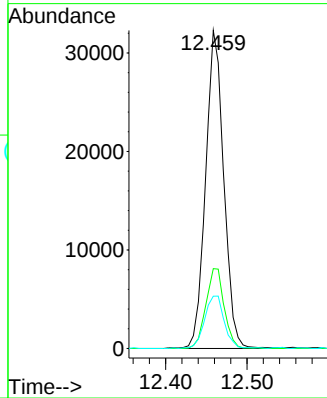
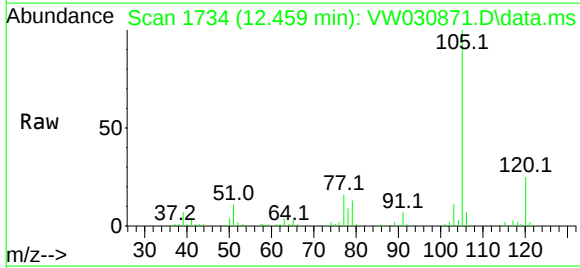
#60
Isopropylbenzene
Concen: 14.967 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD

Tgt Ion:	105	Resp:	50081
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.6	31.0
77	17.9	13.4	20.0

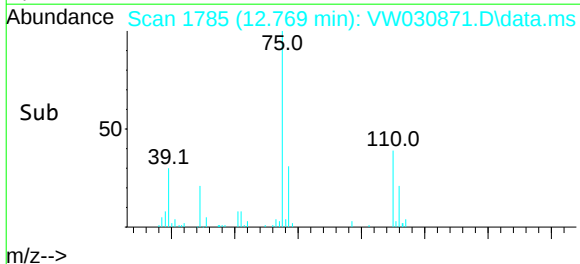
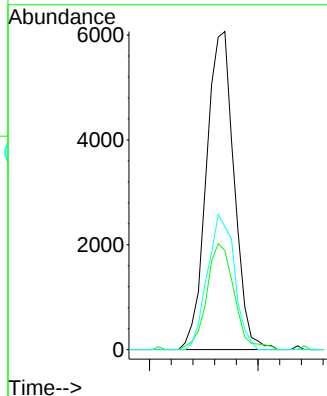
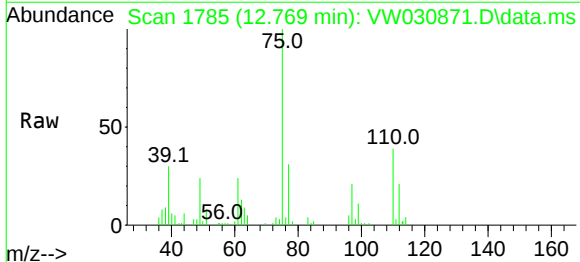
Manual Integrations
APPROVED

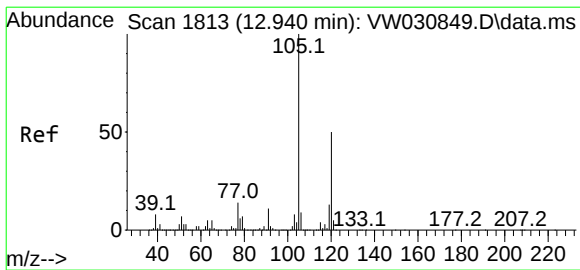
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#61
1,2,3-Trichloropropane
Concen: 25.623 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Tgt Ion:	75	Resp:	10773
Ion Ratio	Lower	Upper	
75	100		
77	33.0	25.7	38.5
110	41.3	32.3	48.5





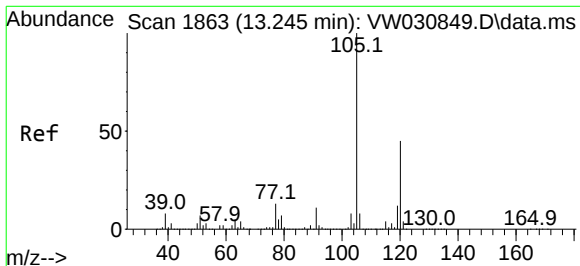
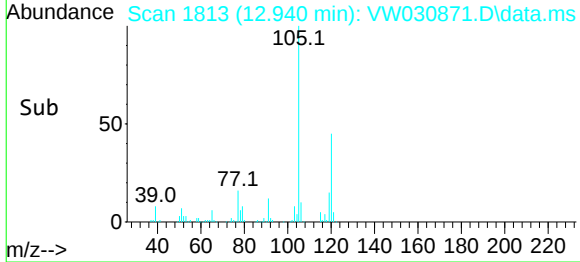
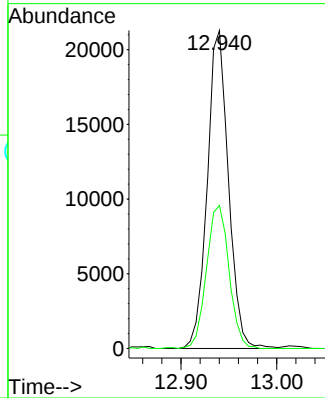
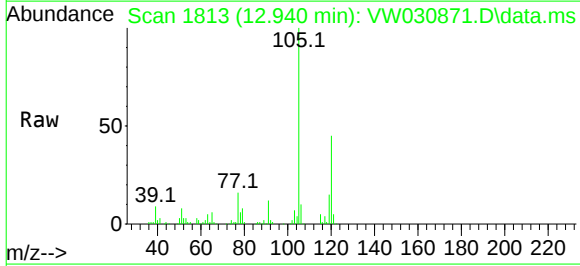
#62
1,3,5-Trimethylbenzene
Concen: 12.399 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD

Tgt Ion:105 Resp: 32732
Ion Ratio Lower Upper
105 100
120 47.8 38.0 57.0

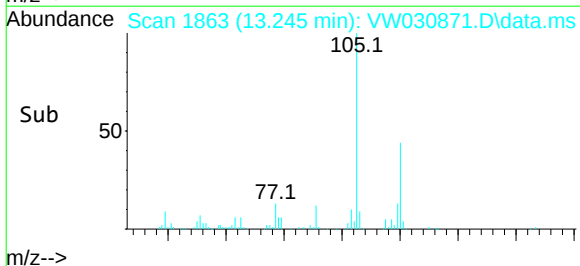
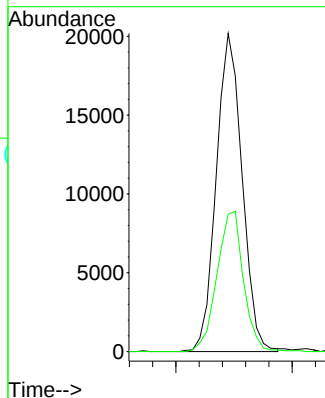
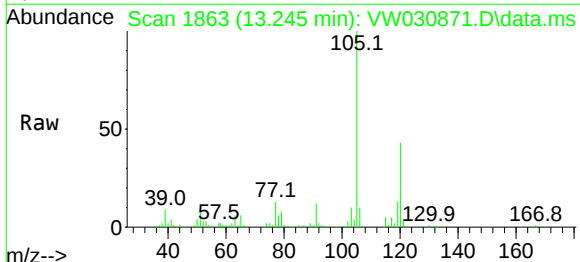
Manual Integrations
APPROVED

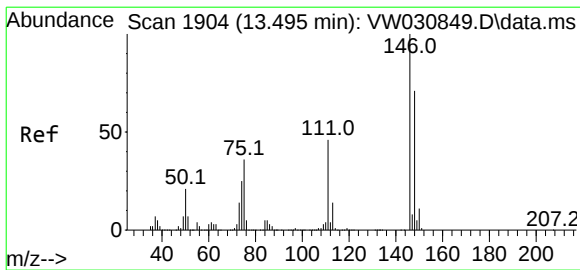
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#63
1,2,4-Trimethylbenzene
Concen: 12.069 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Tgt Ion:105 Resp: 31194
Ion Ratio Lower Upper
105 100
120 45.2 35.8 53.6





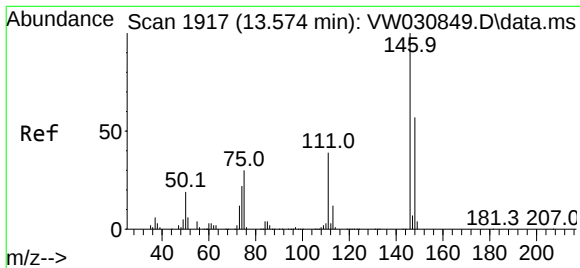
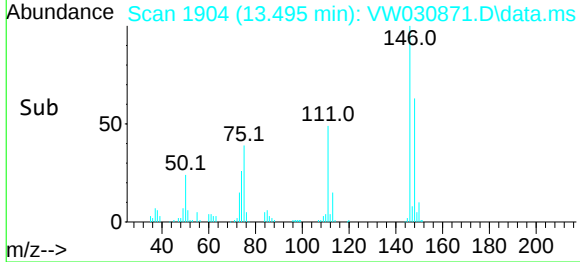
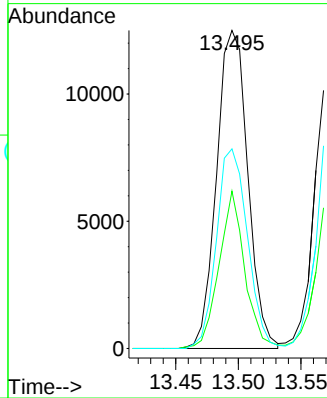
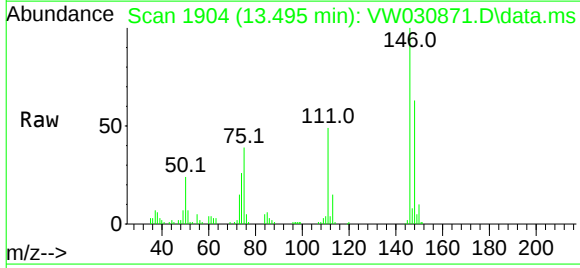
#64
1,3-Dichlorobenzene
Concen: 14.875 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD

Tgt Ion:	146	Resp:	21665
Ion Ratio	Lower	Upper	
146	100		
111	49.5	31.2	58.0
148	62.8	45.7	84.9

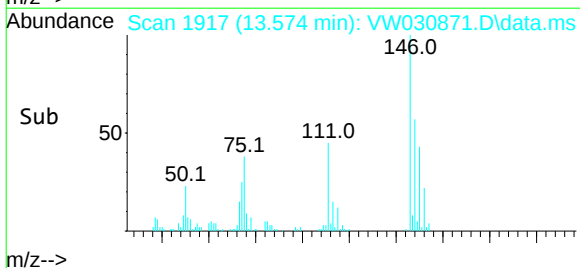
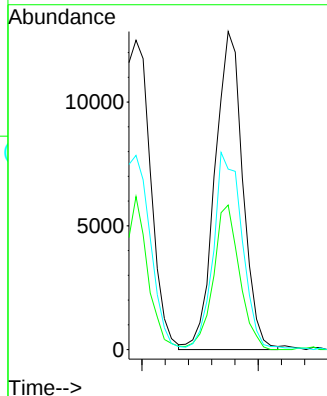
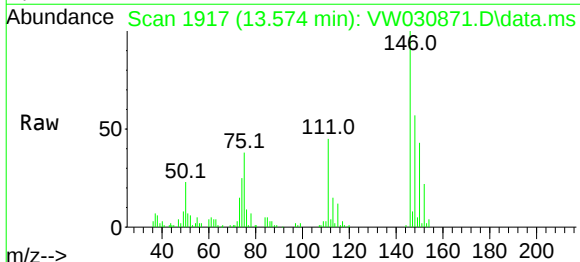
Manual Integrations
APPROVED

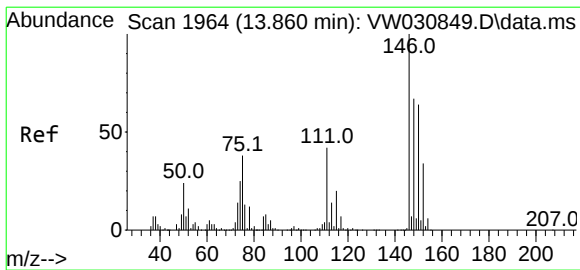
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#65
1,4-Dichlorobenzene
Concen: 14.243 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

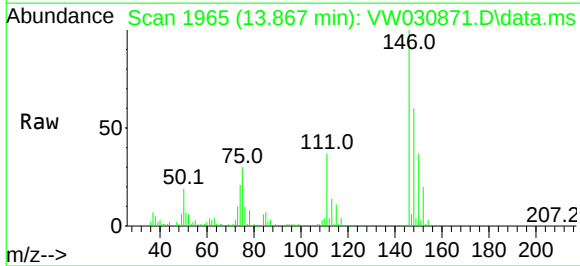
Tgt Ion:	146	Resp:	21420
Ion Ratio	Lower	Upper	
146	100		
111	45.4	26.8	49.8
148	56.7	41.0	76.2





#67
1,2-Dichlorobenzene
Concen: 18.103 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

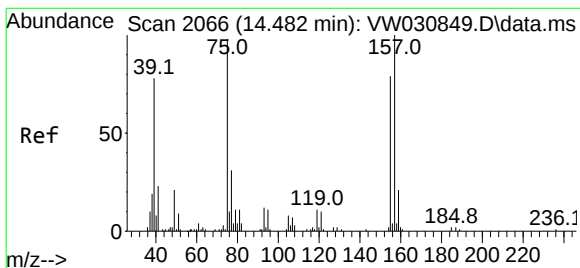
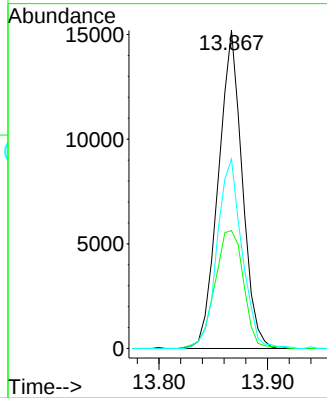
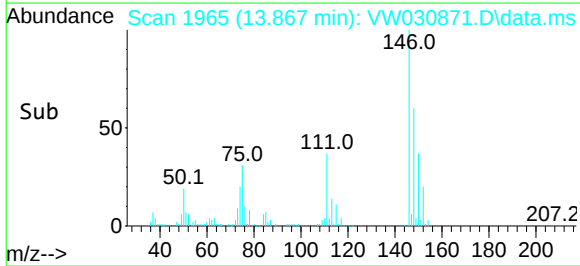
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



Tgt Ion: 146 Resp: 23202
Ion Ratio Lower Upper
146 100
111 37.1 34.6 52.0
148 59.6 53.3 79.9

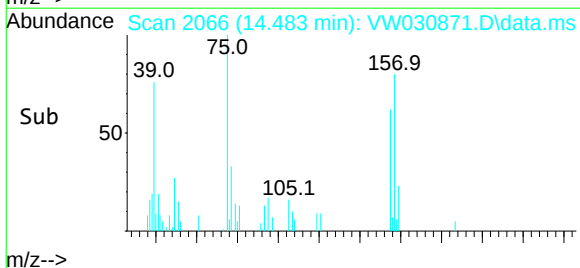
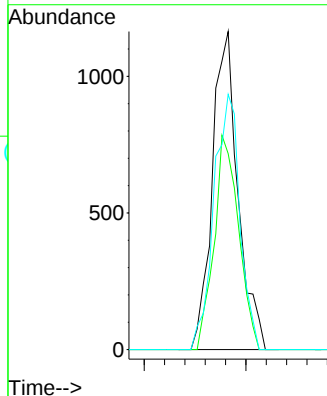
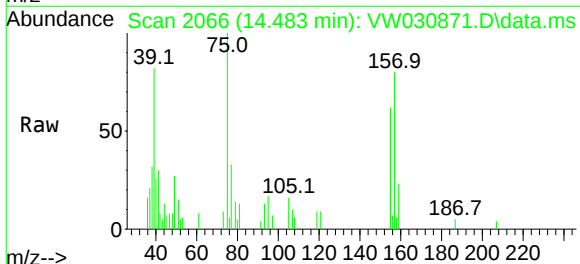
Manual Integrations
APPROVED

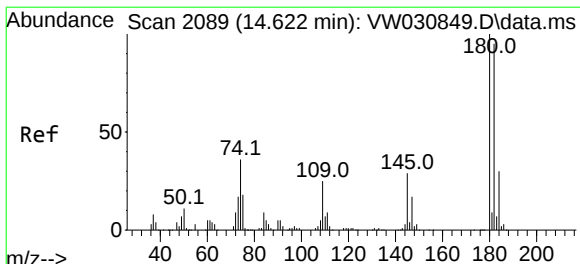
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 21.728 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Tgt Ion: 75 Resp: 2037
Ion Ratio Lower Upper
75 100
155 61.6 57.9 86.9
157 80.2 69.0 103.6





#69
1,3,5-Trichlorobenzene
Concen: 13.544 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

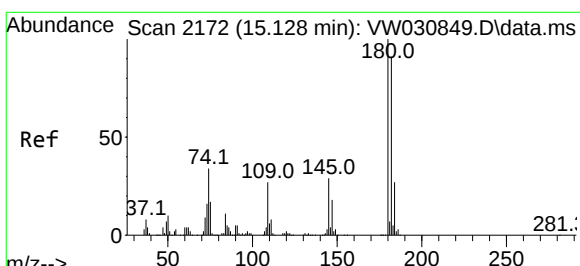
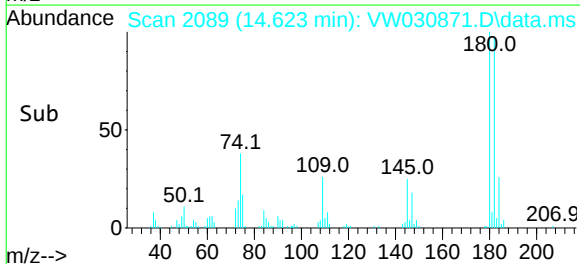
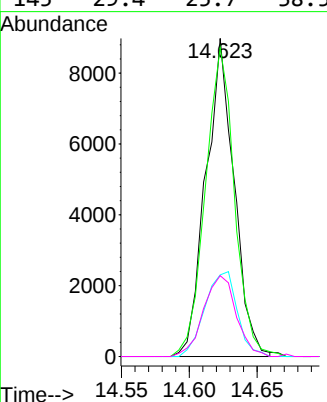
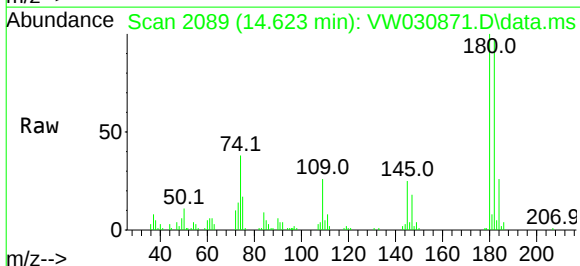
A4EC9MSD

Tgt Ion:	180	Resp:	13008
Ion Ratio	Lower	Upper	
180	100		
182	100.0	79.9	119.9
184	30.5	25.2	37.8
145	29.4	25.7	38.5

Manual Integrations

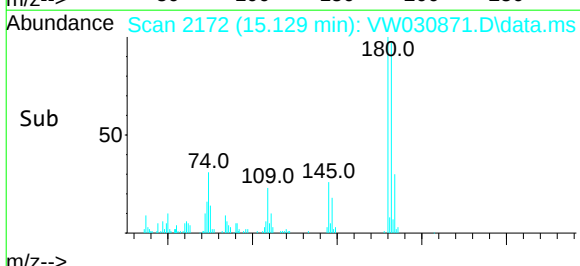
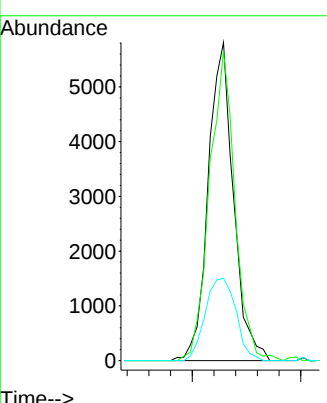
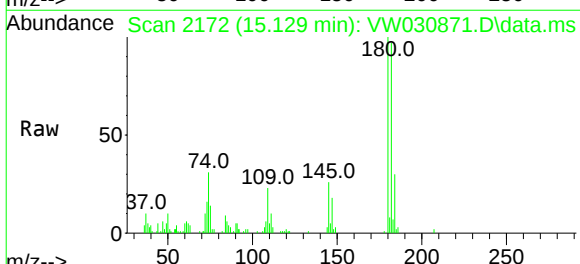
APPROVED

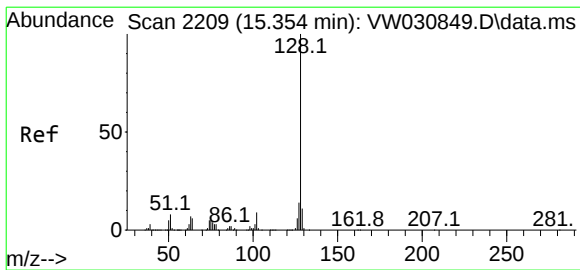
Reviewed By :Romaben Patel 11/01/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#70
1,2,4-trichlorobenzene
Concen: 12.134 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

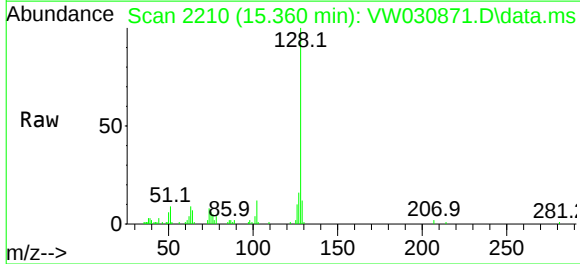
Tgt Ion:	180	Resp:	9382
Ion Ratio	Lower	Upper	
180	100		
182	97.4	75.2	112.8
145	31.4	25.4	38.2





#71
Naphthalene
Concen: 10.813 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

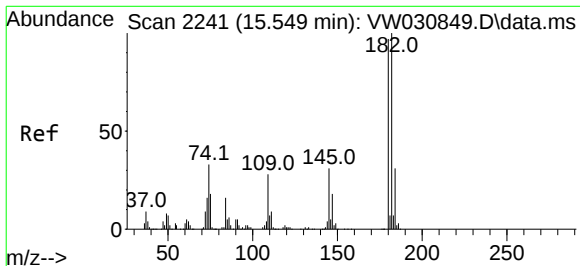
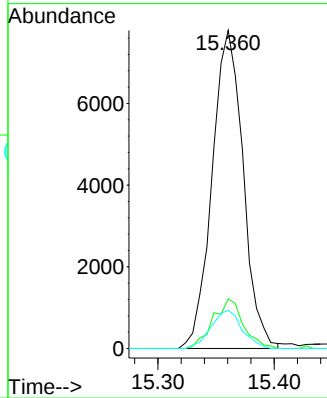
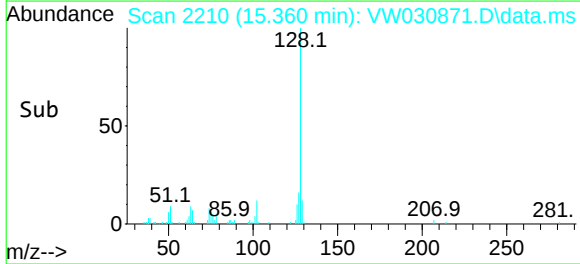
Instrument :
MSVOA_W
ClientSampleId :
A4EC9MSD



Tgt Ion:	128	Resp:	14445
Ion Ratio	Lower	Upper	
128	100		
127	15.2	10.9	16.3
129	12.0	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: 13.683 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030871.D
Acq: 31 Oct 2024 19:14

Tgt Ion:	180	Resp:	9172
Ion Ratio	Lower	Upper	
180	100		
182	86.8	76.2	114.4
145	30.4	27.4	41.2

