

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
 Data File : VW030821.D
 Acq On : 29 Oct 2024 22:04
 Operator : SY/MD
 Sample : P4568-04MS
 Misc : 4.98g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EF5MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 01:21:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 30 01:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	349252	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	262667	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	87470	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43177	7.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	31.480%
7) Chloroethane-d5	2.905	69	54567	13.131	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.520%
11) 1,1-Dichloroethene-d2	4.027	65	18993m	8.318	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.280%#
21) 2-Butanone-d5	7.081	46	48258	48.847	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.700%
24) Chloroform-d	7.648	84	194338	19.457	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.840%
26) 1,2-Dichloroethane-d4	8.307	65	95238	18.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.360%
32) Benzene-d6	8.276	84	240294	15.762	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.040%
36) 1,2-Dichloropropane-d6	9.276	67	96072	21.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.880%
41) Toluene-d8	10.325	98	167364	12.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	48.120%
43) trans-1,3-Dichloroprop...	10.575	79	32807	17.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.040%
47) 2-Hexanone-d5	10.922	63	35332	61.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85308	25.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	50603	17.098	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	62962	14.110	ug/L	95
3) Chloromethane	2.222	50	70680	13.629	ug/L	99
5) Vinyl chloride	2.375	62	96522	15.134	ug/L	98
6) Bromomethane	2.789	94	66223	15.775	ug/L	94
8) Chloroethane	2.936	64	65315	16.753	ug/L	99
9) Trichlorofluoromethane	3.271	101	83795	14.684	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88587	17.254	ug/L	96
12) 1,1-Dichloroethene	4.045	96	68077	14.528	ug/L	85
13) Acetone	4.131	43	40547	28.034	ug/L	96
14) Carbon disulfide	4.393	76	157175	10.272	ug/L	99
15) Methyl Acetate	4.673	43	28586	16.000	ug/L	98
16) Methylene chloride	4.917	84	87236	16.522	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	74377	14.710	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	127653	18.039	ug/L	99
19) 1,1-Dichloroethane	6.216	63	173227	18.434	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	89007	16.504	ug/L	97
22) 2-Butanone	7.179	43	39441	25.298	ug/L	99
23) Bromochloromethane	7.514	128	40133	17.011	ug/L #	88
25) Chloroform	7.679	83	184519	18.374	ug/L	100

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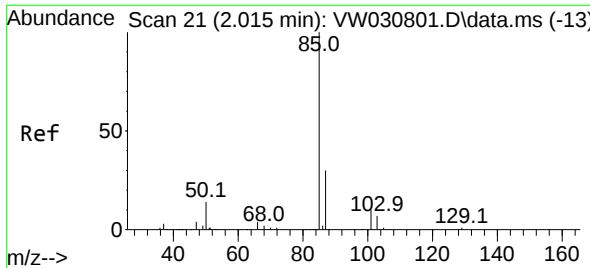
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/30/2024
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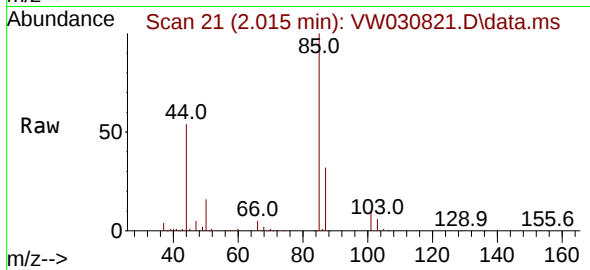
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108688	16.405	ug/L	98
29) Cyclohexane	7.959	56	90799	14.201	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	137666	19.743	ug/L	99
31) Carbon tetrachloride	8.075	117	110887	17.805	ug/L	99
33) Benzene	8.325	78	327806	19.178	ug/L	100
34) Trichloroethene	9.093	95	74489	15.664	ug/L	98
35) Methylcyclohexane	9.337	83	89986	12.024	ug/L	99
37) 1,2-Dichloropropane	9.368	63	90484	21.195	ug/L	100
38) Bromodichloromethane	9.642	83	117318	20.655	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	117860	18.303	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	83248	40.591	ug/L	99
42) Toluene	10.386	91	306149	16.788	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	93829	17.340	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	60370	19.566	ug/L	99
46) Tetrachloroethene	10.861	164	39770	11.339	ug/L	93
48) 2-Hexanone	10.971	43	56572	33.730	ug/L	96
49) Dibromochloromethane	11.129	129	60856	17.677	ug/L	96
50) 1,2-Dibromoethane	11.233	107	51168	17.773	ug/L	100
51) Chlorobenzene	11.654	112	172402	14.686	ug/L	97
52) Ethylbenzene	11.727	91	272768	13.109	ug/L	100
53) m,p-Xylene	11.837	106	95735	12.281	ug/L	98
54) o-Xylene	12.160	106	97086	13.471	ug/L	100
55) Styrene	12.178	104	146962	11.928	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	61296	17.617	ug/L	97
59) Bromoform	12.349	173	30495	24.814	ug/L	99
60) Isopropylbenzene	12.465	105	212666	15.700	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	44068	25.891	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	148847	13.928	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	150639	14.397	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	87056	14.765	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	86543	14.215	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	79283	15.281	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	7372	19.425	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	37520	9.650	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	27289	8.718	ug/L	99
71) Naphthalene	15.360	128	62808	11.614	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	25322	9.332	ug/L	99

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



#2
 Dichlorodifluoromethane
 Concen: 14.110 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030821.D
 Acq: 29 Oct 2024 22:04

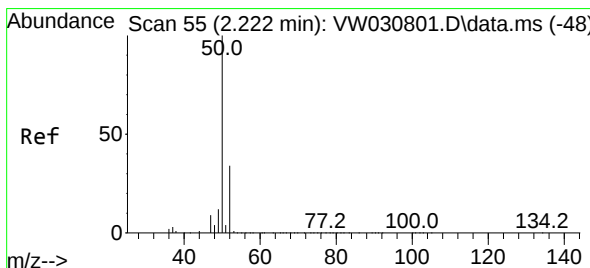
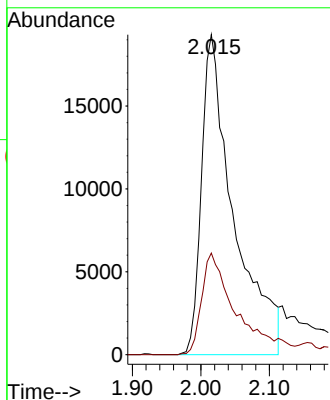
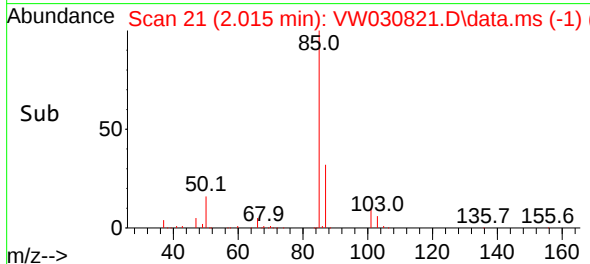
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EF5MS



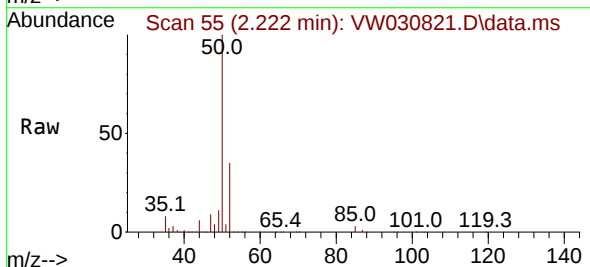
Tgt Ion: 85 Resp: 62962
 Ion Ratio Lower Upper
 85 100
 87 32.4 23.8 35.6

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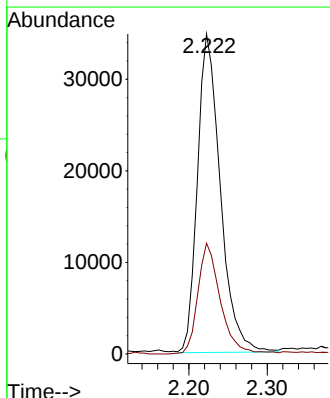
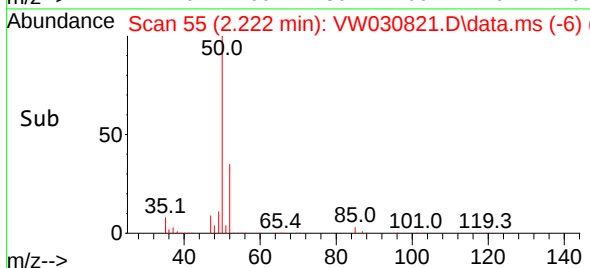
Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

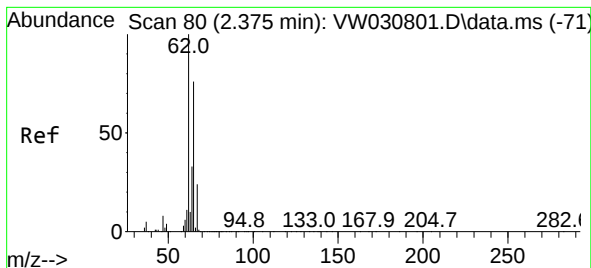


#3
 Chloromethane
 Concen: 13.629 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030821.D
 Acq: 29 Oct 2024 22:04



Tgt Ion: 50 Resp: 70680
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.7 43.9





#5

Vinyl chloride

Concen: 15.134 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MS

Tgt Ion: 62 Resp: 9652

Ion Ratio Lower Upper

62 100

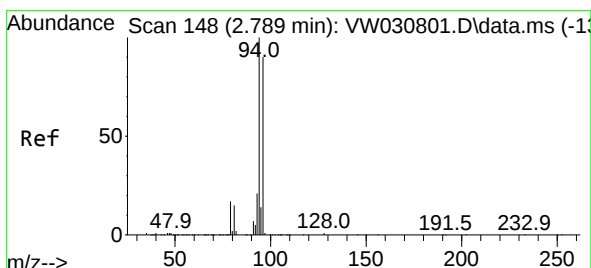
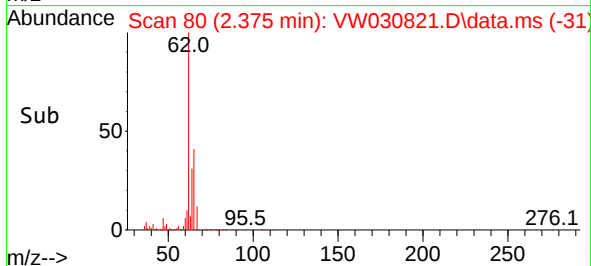
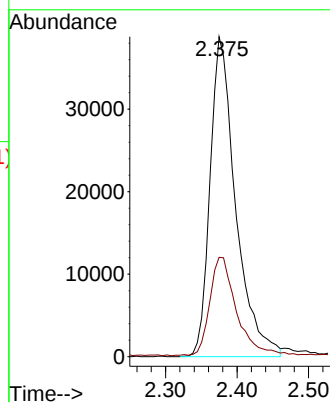
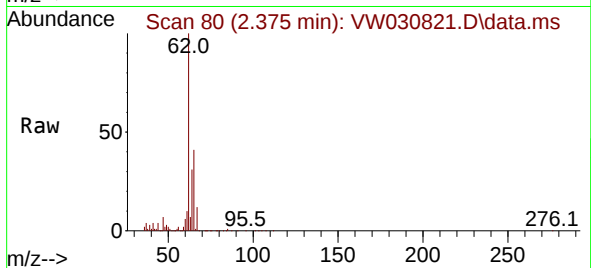
64 31.0 22.6 42.0

Manual Integrations

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Supervised By :Mahesh Dadoda 10/30/2024



#6

Bromomethane

Concen: 15.775 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030821.D

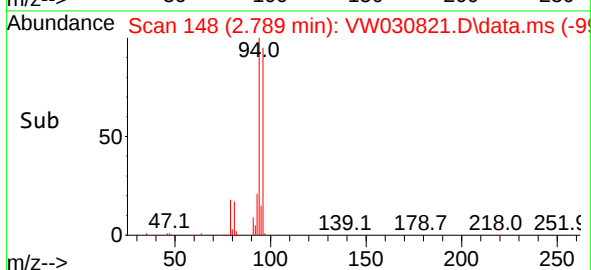
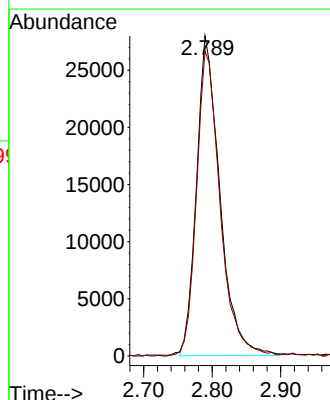
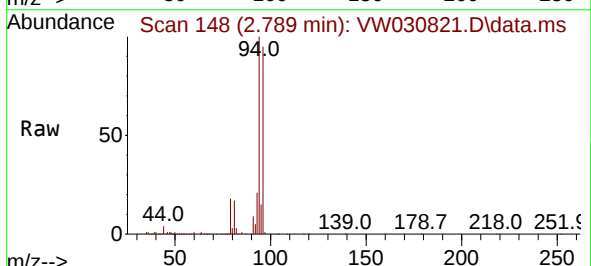
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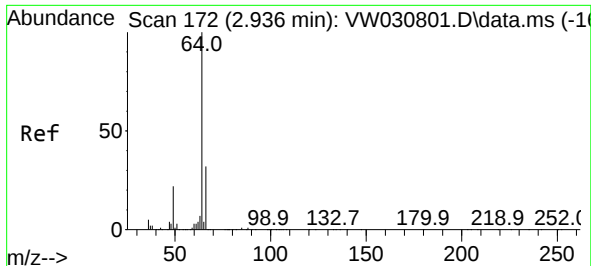
Tgt Ion: 94 Resp: 66223

Ion Ratio Lower Upper

94 100

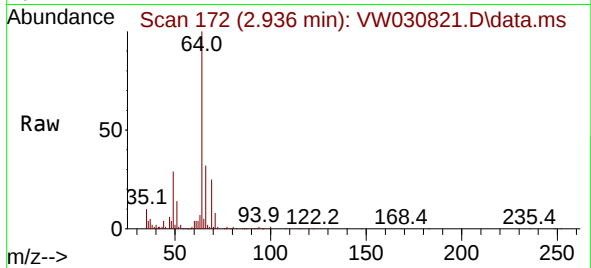
96 95.2 62.6 116.2





#8
Chloroethane
Concen: 16.753 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

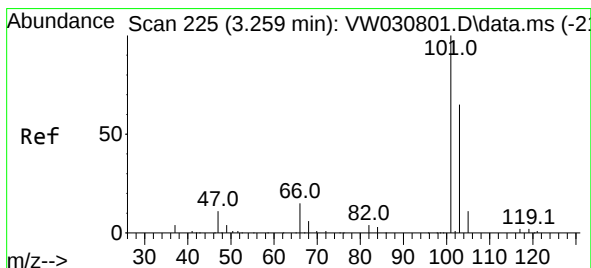
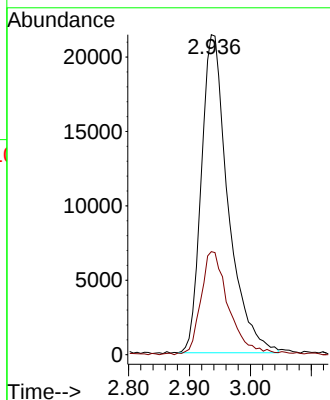
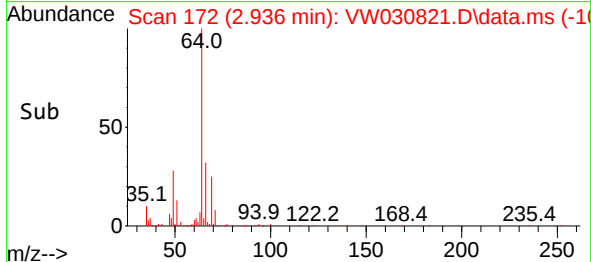
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion: 64 Resp: 6531
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5

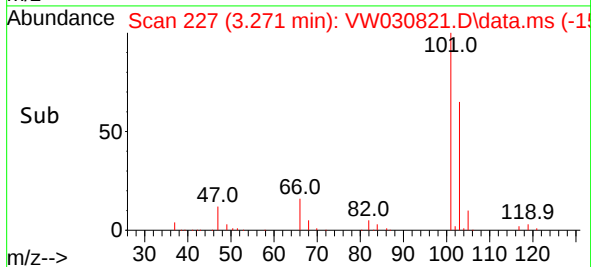
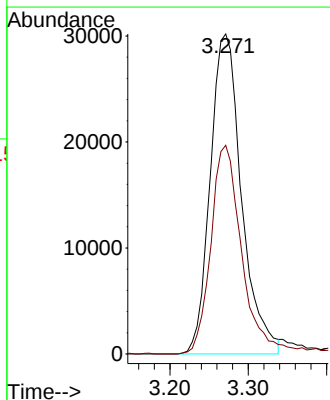
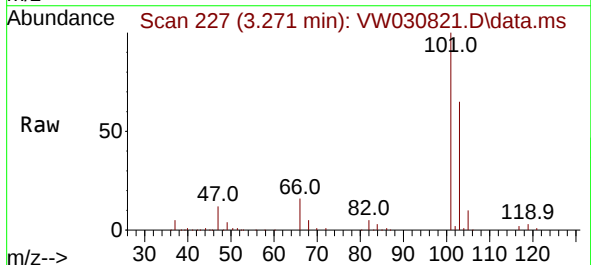
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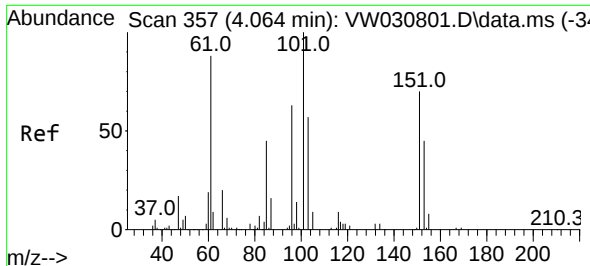
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#9
Trichlorofluoromethane
Concen: 14.684 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.012 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

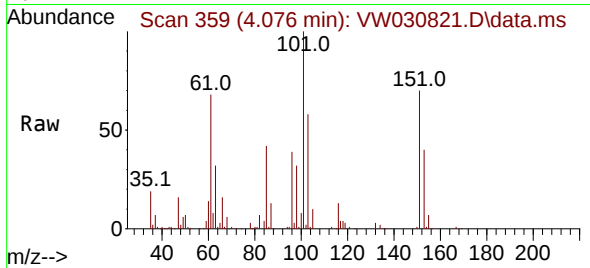
Tgt Ion:101 Resp: 83795
Ion Ratio Lower Upper
101 100
103 64.3 51.1 76.7





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 17.254 ug/L
RT: 4.076 min Scan# 357
Delta R.T. 0.012 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

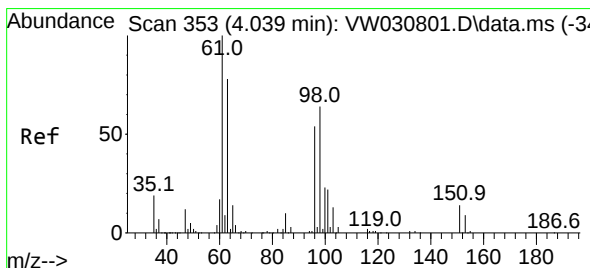
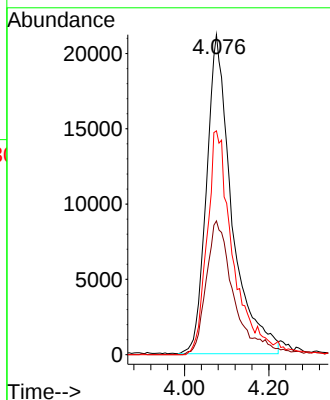
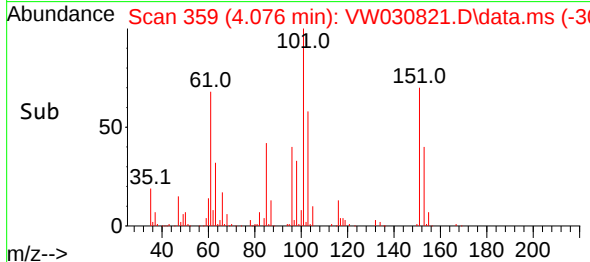
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion:101 Resp: 8858
Ion Ratio Lower Upper
101 100
85 41.9 35.7 53.5
151 67.4 56.1 84.1

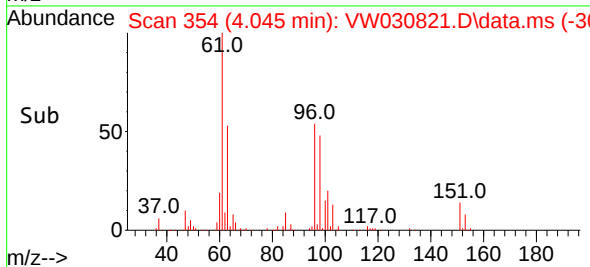
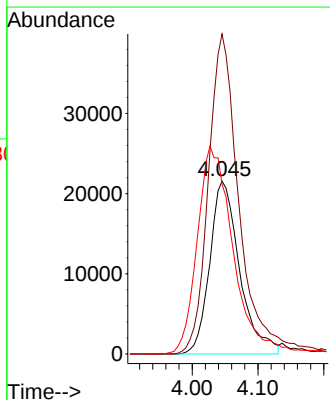
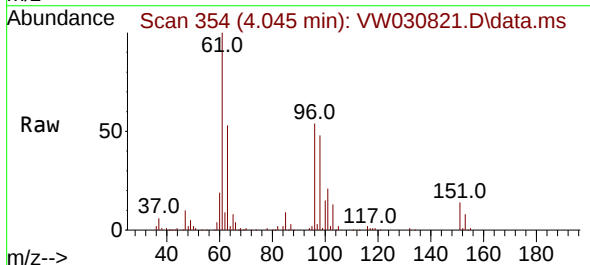
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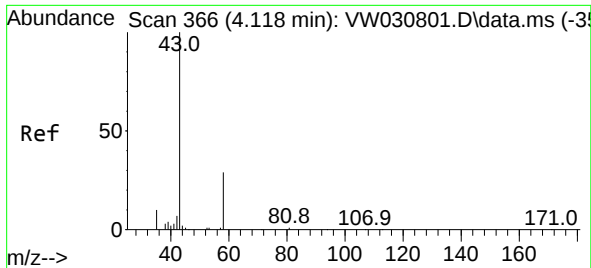
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#12
1,1-Dichloroethene
Concen: 14.528 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 96 Resp: 68077
Ion Ratio Lower Upper
96 100
61 185.2 121.3 225.3
63 98.3 87.6 162.8





#13

Acetone

Concen: 28.034 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.012 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MS

Tgt Ion: 43 Resp: 4054

Ion Ratio Lower Upper

43 100

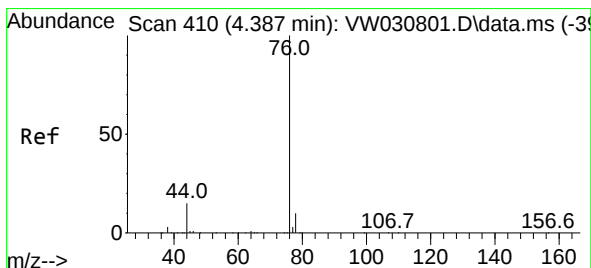
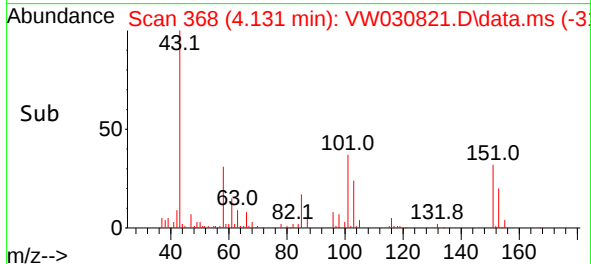
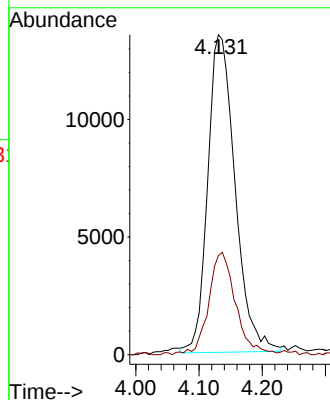
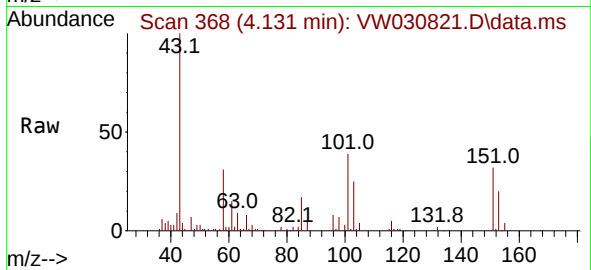
58 31.2 0.0 57.6

Manual Integrations

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Supervised By :Mahesh Dadoda 10/30/2024



#14

Carbon disulfide

Concen: 10.272 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW030821.D

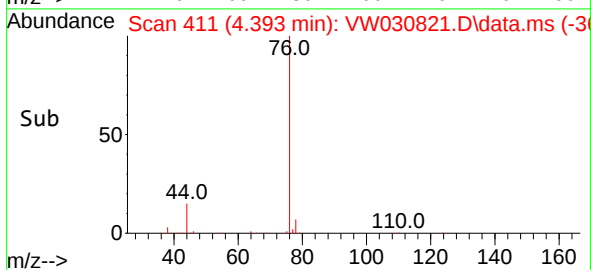
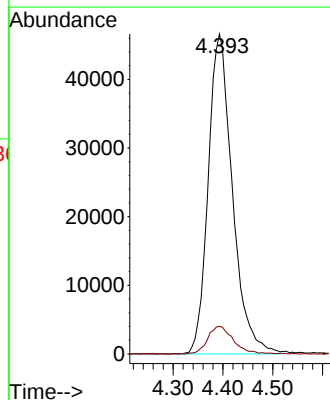
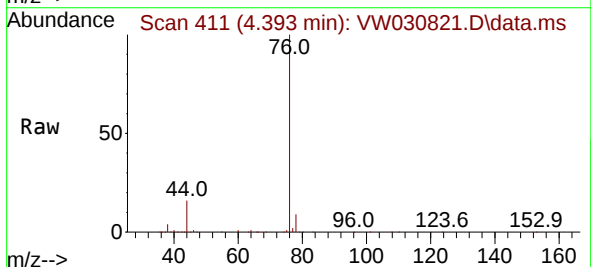
Acq: 29 Oct 2024 22:04

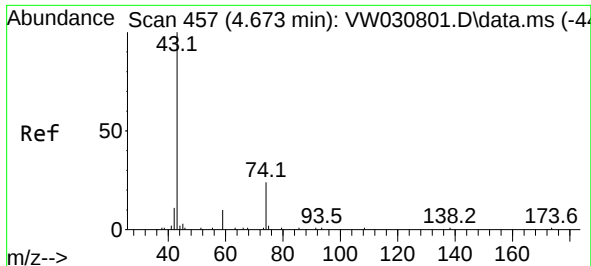
Tgt Ion: 76 Resp: 157175

Ion Ratio Lower Upper

76 100

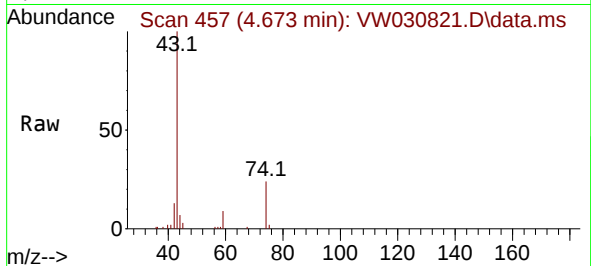
78 8.7 7.1 10.7





#15
Methyl Acetate
Concen: 16.000 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

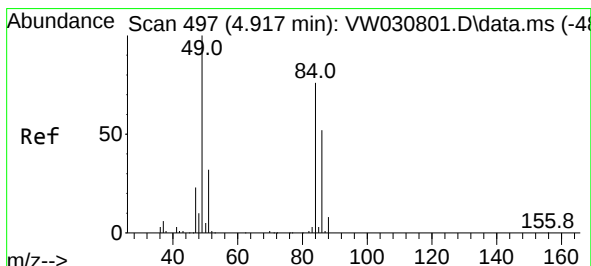
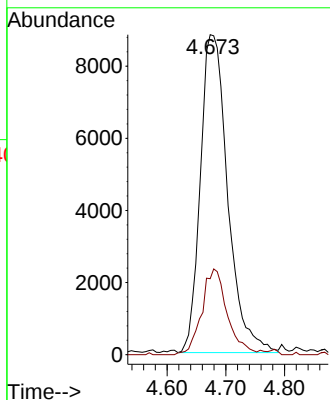
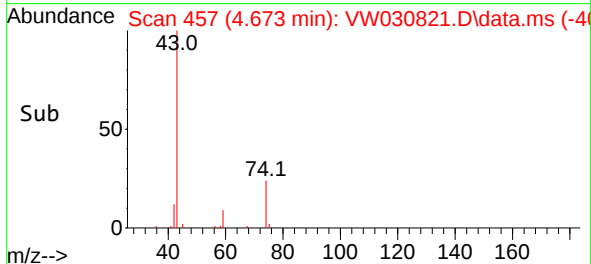
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion: 43 Resp: 28580
Ion Ratio Lower Upper
43 100
74 25.0 19.3 28.9

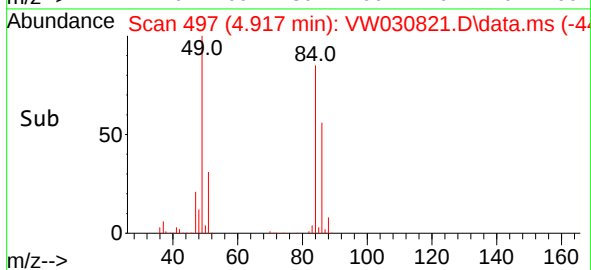
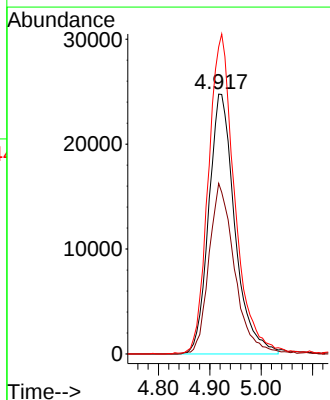
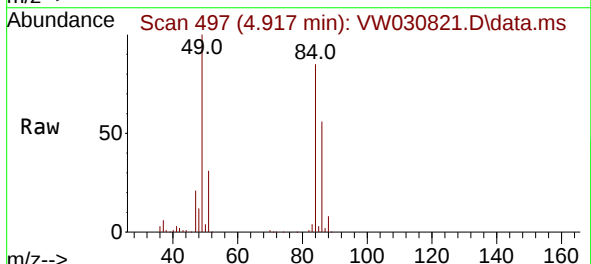
Manual Integrations
APPROVED

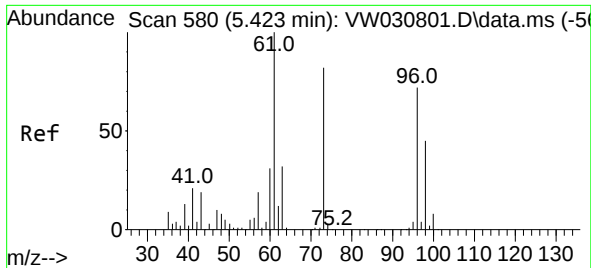
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#16
Methylene chloride
Concen: 16.522 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

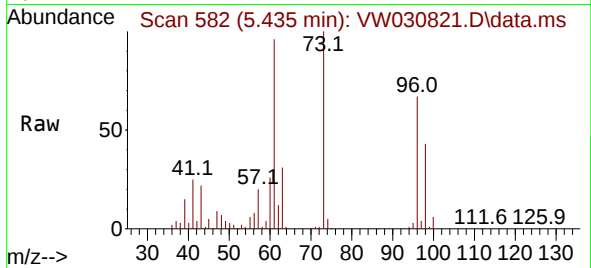
Tgt Ion: 84 Resp: 87236
Ion Ratio Lower Upper
84 100
86 65.6 43.8 81.3
49 118.1 88.3 164.1





#17
trans-1,2-Dichloroethene
Concen: 14.710 ug/L
RT: 5.435 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

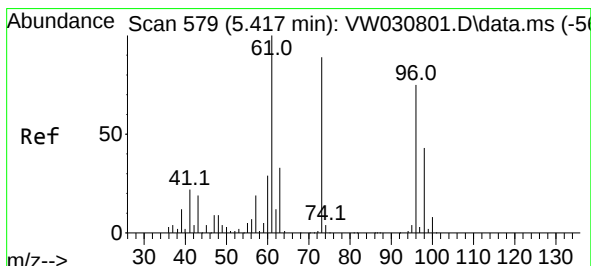
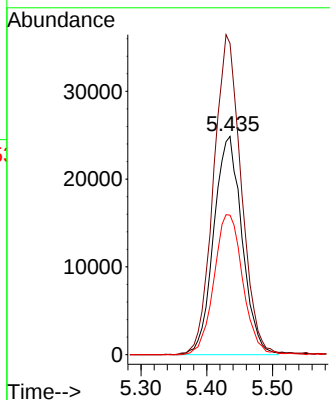
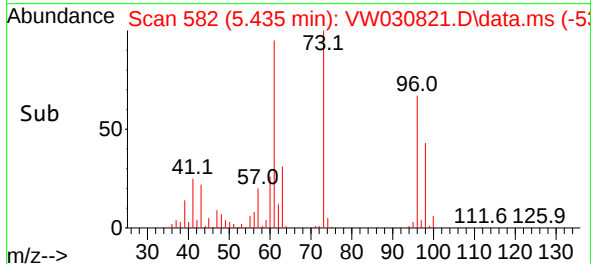
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion: 96 Resp: 7437
Ion Ratio Lower Upper
96 100
61 142.5 96.9 179.9
98 63.9 42.2 78.4

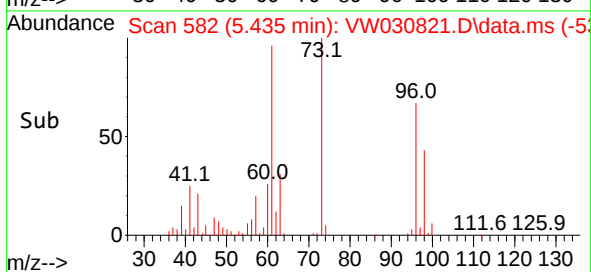
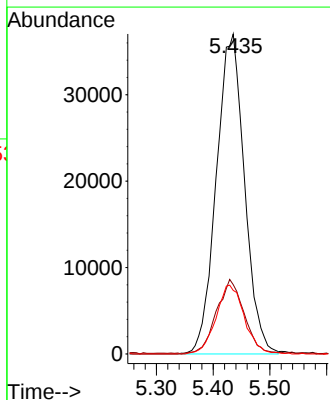
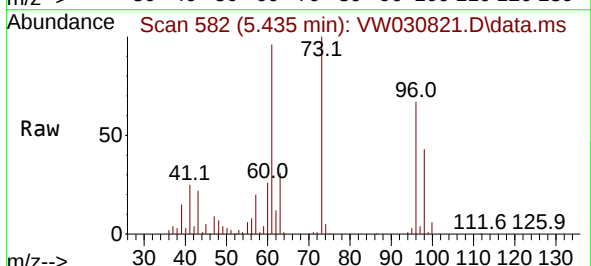
Manual Integrations
APPROVED

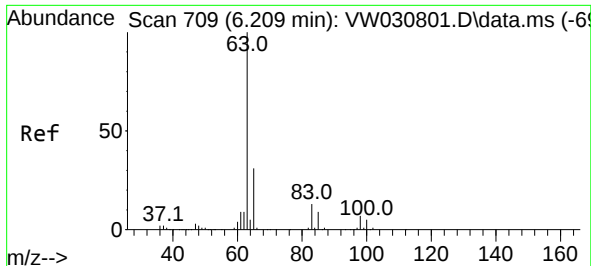
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#18
Methyl tert-butyl Ether
Concen: 18.039 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.018 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

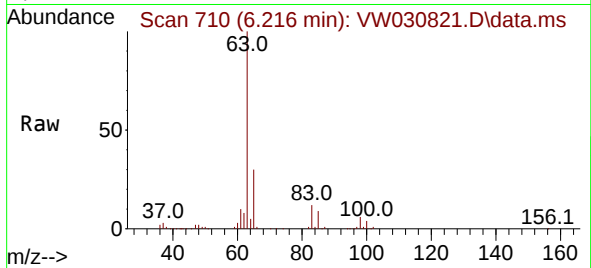
Tgt Ion: 73 Resp: 127653
Ion Ratio Lower Upper
73 100
43 23.1 18.1 27.1
57 21.7 17.7 26.5





#19
1,1-Dichloroethane
Concen: 18.434 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

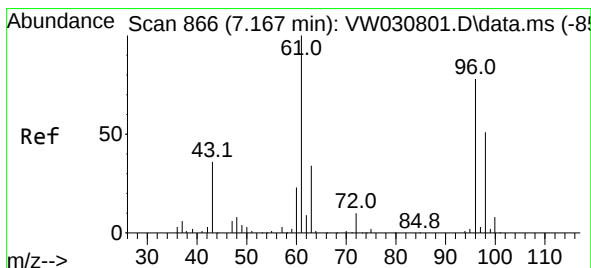
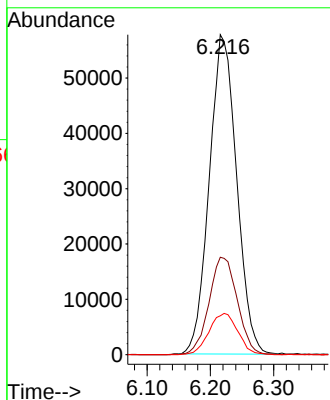
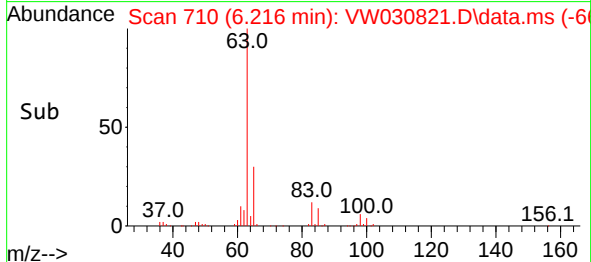
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion: 63 Resp: 17322
Ion Ratio Lower Upper
63 100
65 30.5 22.5 41.9
83 12.1 9.8 18.2

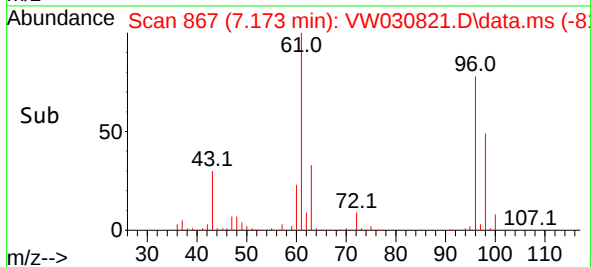
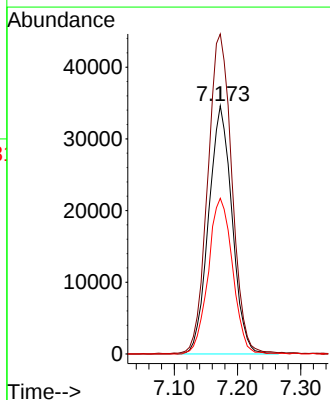
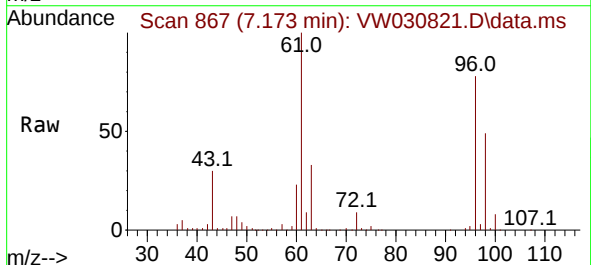
Manual Integrations
APPROVED

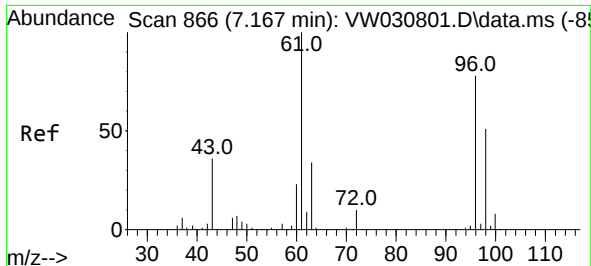
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#20
cis-1,2-Dichloroethene
Concen: 16.504 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

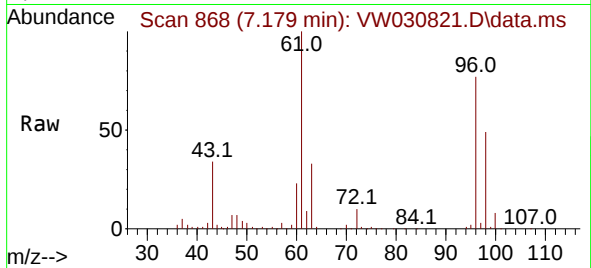
Tgt Ion: 96 Resp: 89007
Ion Ratio Lower Upper
96 100
61 128.9 88.3 163.9
98 62.7 41.3 76.7





#22
2-Butanone
Concen: 25.298 ug/L
RT: 7.179 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

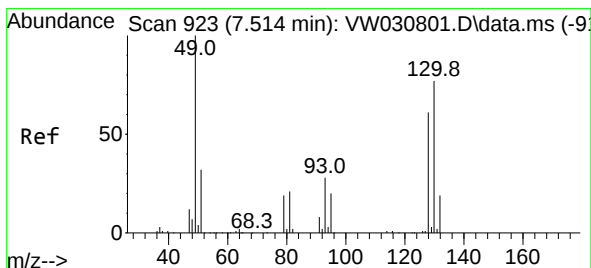
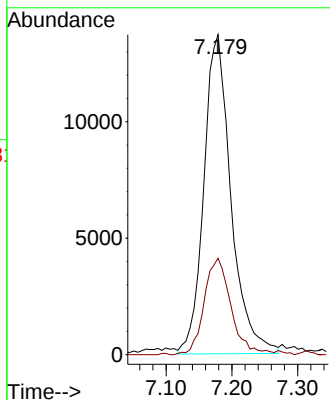
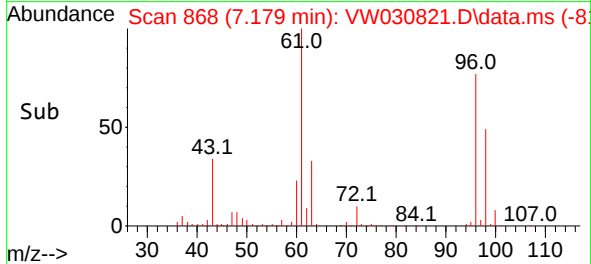
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion: 43 Resp: 3944
Ion Ratio Lower Upper
43 100
72 29.4 14.4 43.0

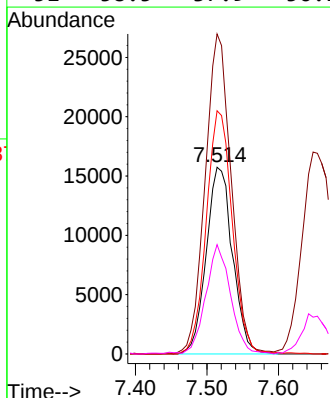
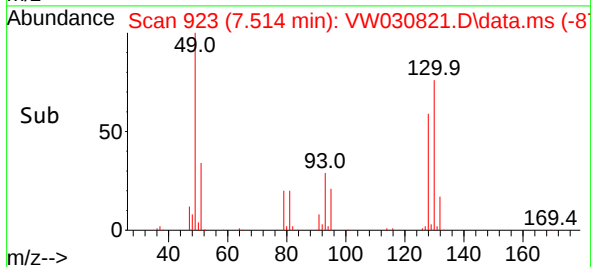
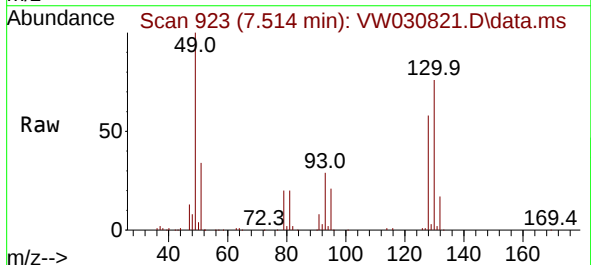
Manual Integrations
APPROVED

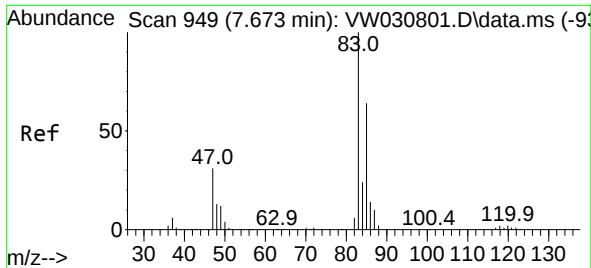
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#23
Bromochloromethane
Concen: 17.011 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

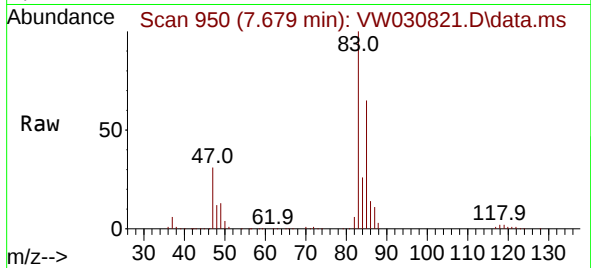
Tgt Ion:128 Resp: 40133
Ion Ratio Lower Upper
128 100
49 171.4 110.1 204.5
130 130.2 82.9 153.9
51 58.5 37.9 56.9#





#25
Chloroform
Concen: 18.374 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

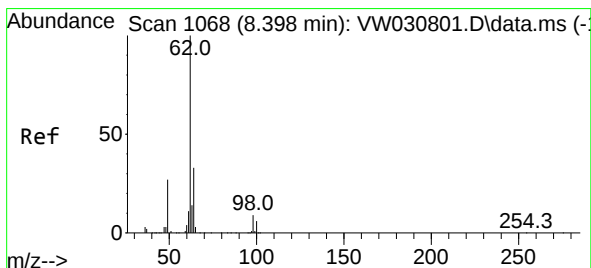
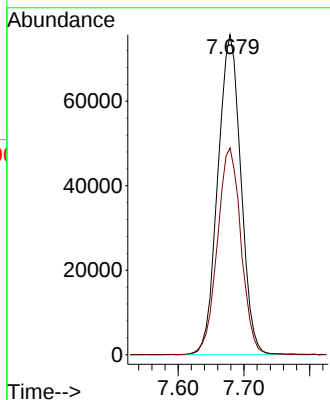
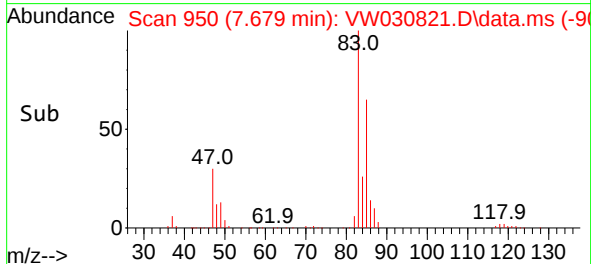
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion: 83 Resp: 184519
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7

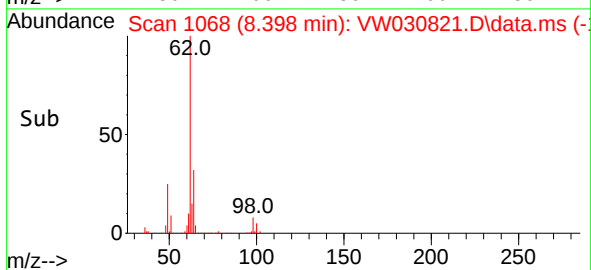
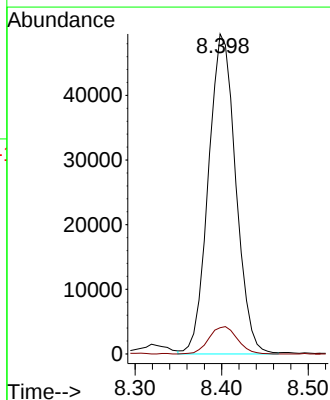
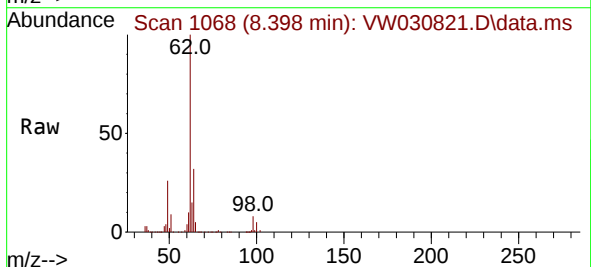
Manual Integrations
APPROVED

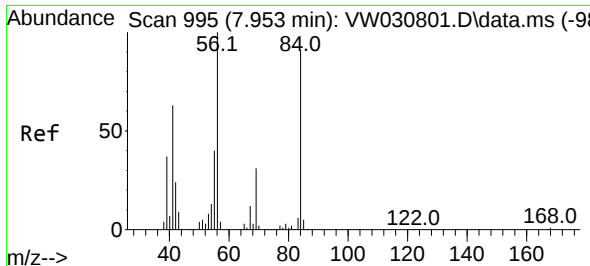
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#27
1,2-Dichloroethane
Concen: 16.405 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

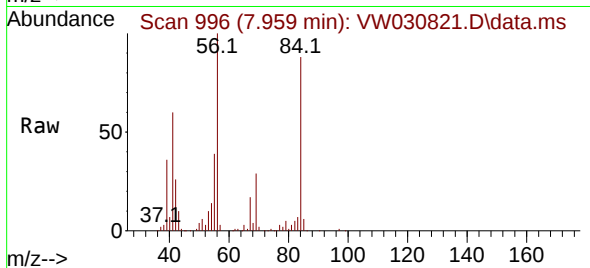
Tgt Ion: 62 Resp: 108688
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.6





#29
Cyclohexane
Concen: 14.201 ug/L
RT: 7.959 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

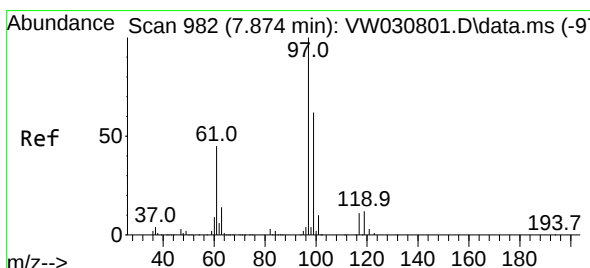
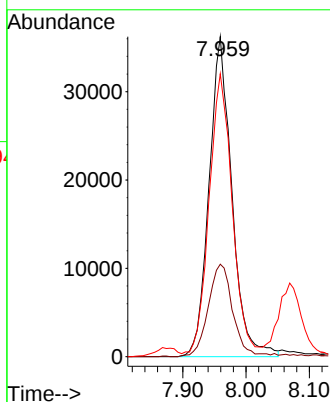
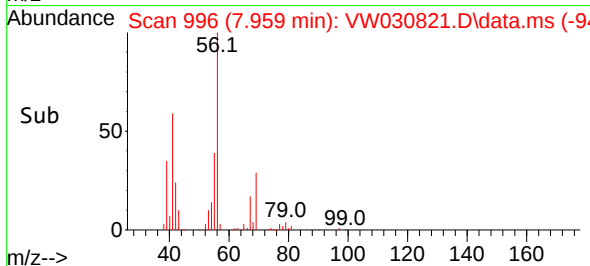
Instrument :
MSVOA_W
Client Sample Id :
A4EF5MS



Tgt Ion: 56 Resp: 90795
Ion Ratio Lower Upper
56 100
69 30.4 25.4 38.0
84 89.1 72.3 108.5

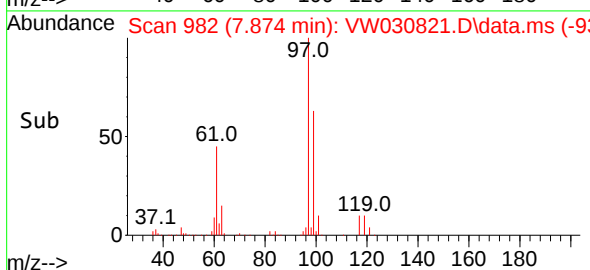
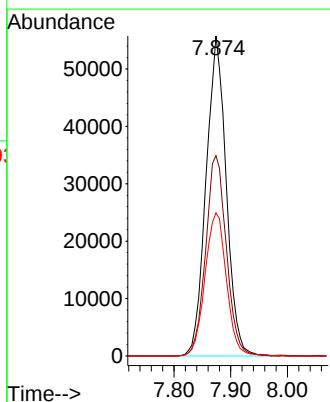
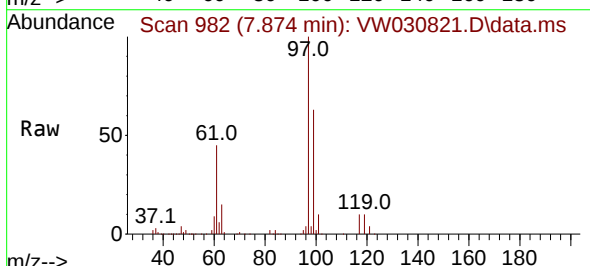
Manual Integrations
APPROVED

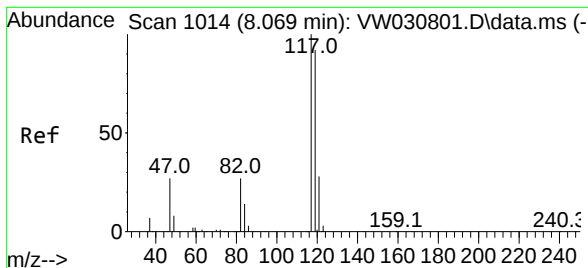
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#30
1,1,1-Trichloroethane
Concen: 19.743 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

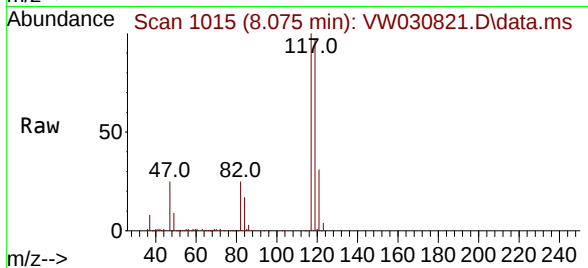
Tgt Ion: 97 Resp: 137666
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 47.4 38.5 57.7





#31
Carbon tetrachloride
Concen: 17.805 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

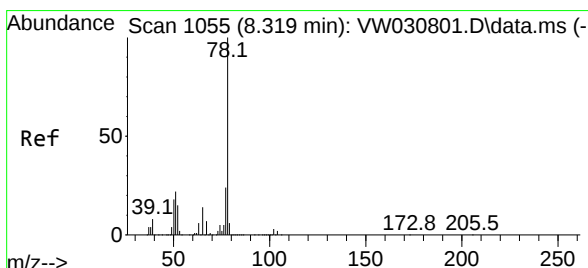
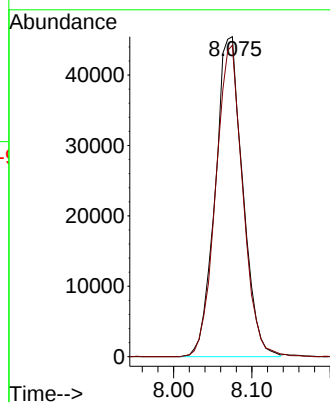
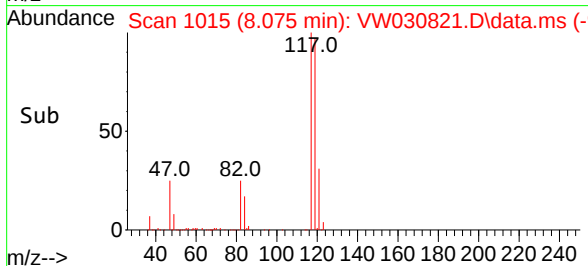
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion:117 Resp: 11088
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8

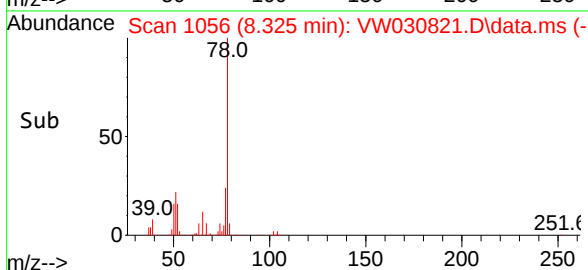
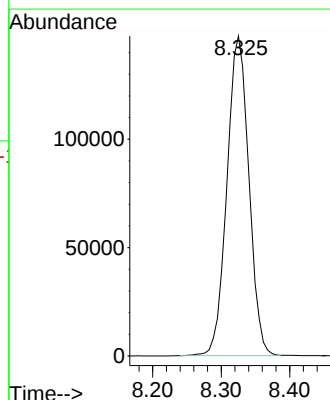
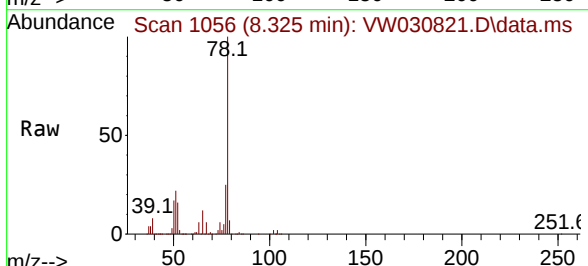
Manual Integrations
APPROVED

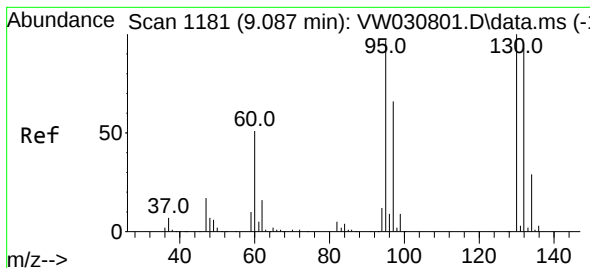
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#33
Benzene
Concen: 19.178 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 78 Resp: 327806





#34

Trichloroethene

Concen: 15.664 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MS

Tgt Ion: 95 Resp: 7448

Ion Ratio Lower Upper

95 100

97 65.8 45.9 85.3

132 99.5 66.4 123.2

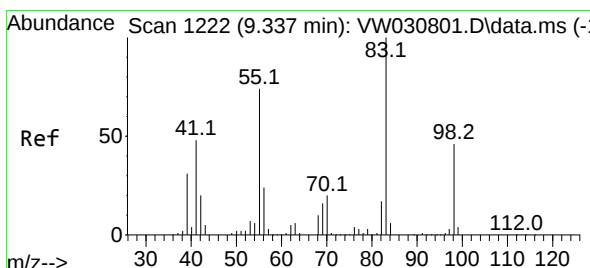
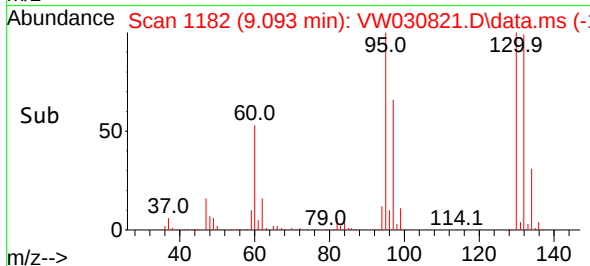
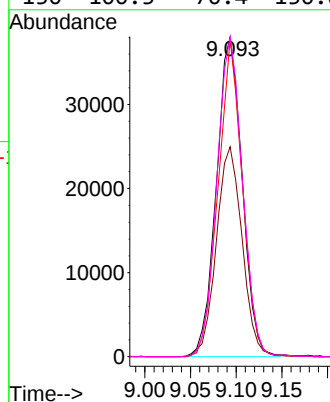
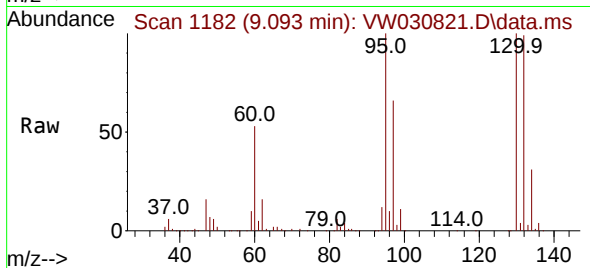
130 100.3 70.4 130.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024

Supervised By :Mahesh Dadoda 10/30/2024



#35

Methylcyclohexane

Concen: 12.024 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

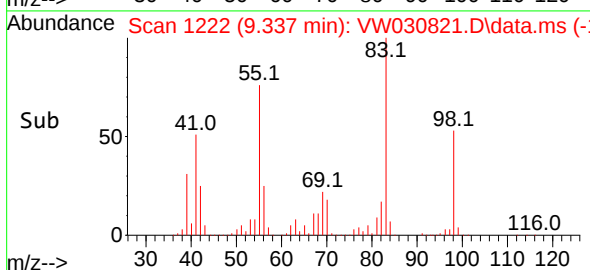
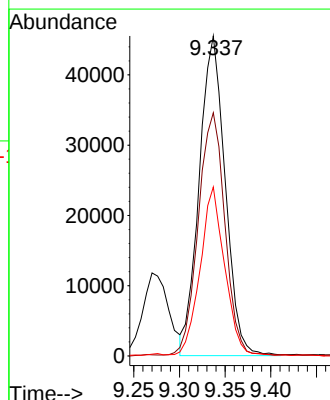
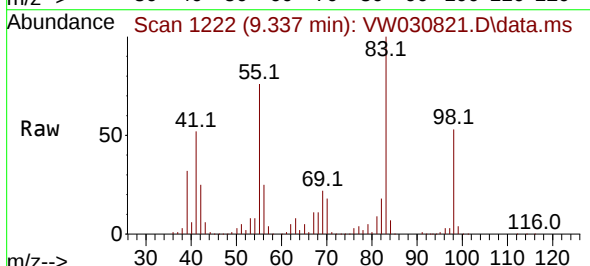
Tgt Ion: 83 Resp: 89986

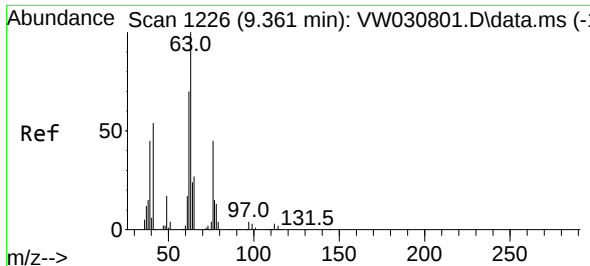
Ion Ratio Lower Upper

83 100

55 78.2 61.8 92.8

98 50.2 39.3 58.9





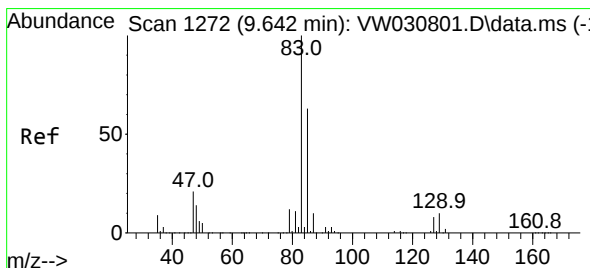
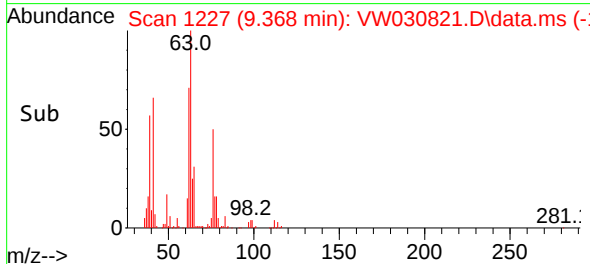
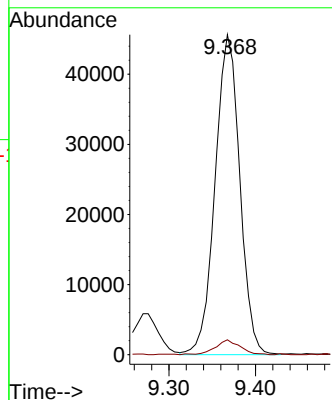
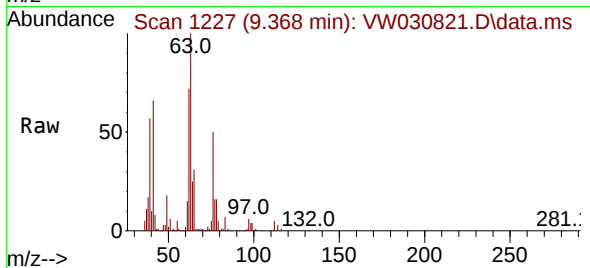
#37
1,2-Dichloropropane
Concen: 21.195 ug/L
RT: 9.368 min Scan# 112
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS

Tgt Ion: 63 Resp: 90484
Ion Ratio Lower Upper
63 100
112 4.5 3.7 5.5

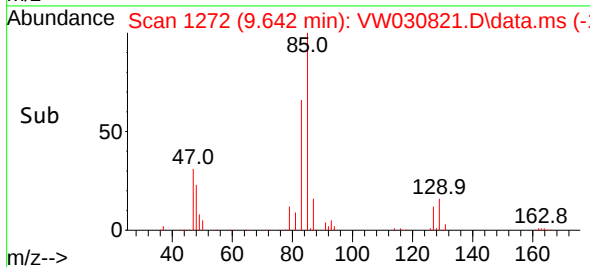
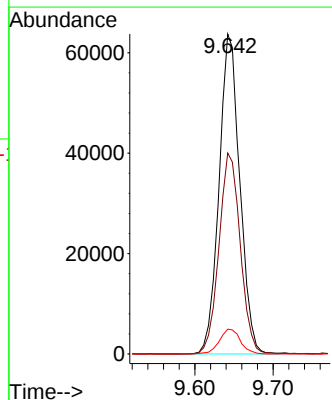
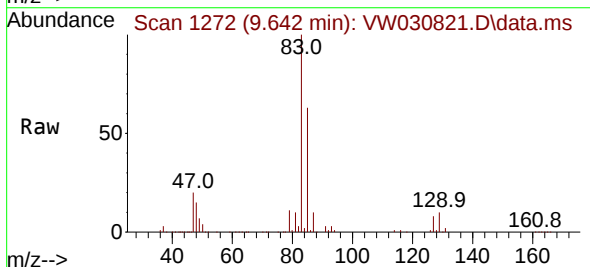
Manual Integrations
APPROVED

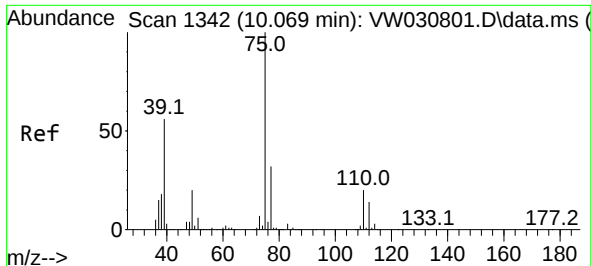
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#38
Bromodichloromethane
Concen: 20.655 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 83 Resp: 117318
Ion Ratio Lower Upper
83 100
85 62.8 44.2 82.0
127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 18.303 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MS

Tgt Ion: 75 Resp: 117860

Ion Ratio Lower Upper

75 100

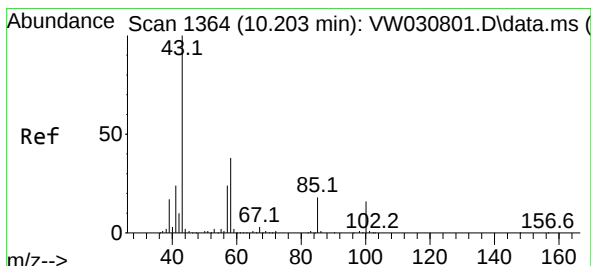
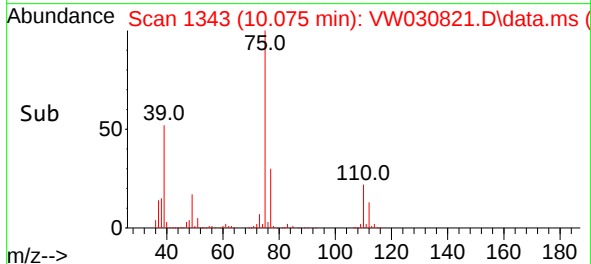
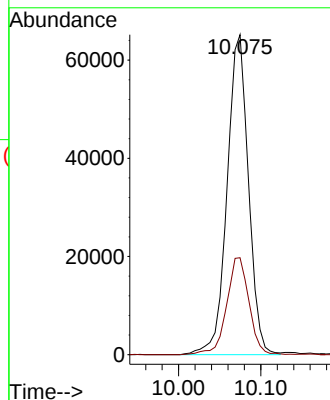
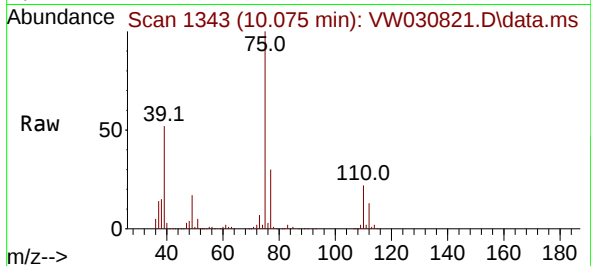
77 30.3 21.1 39.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/30/2024

Supervised By :Mahesh Dadoda 10/30/2024



#40

4-Methyl-2-pentanone

Concen: 40.591 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

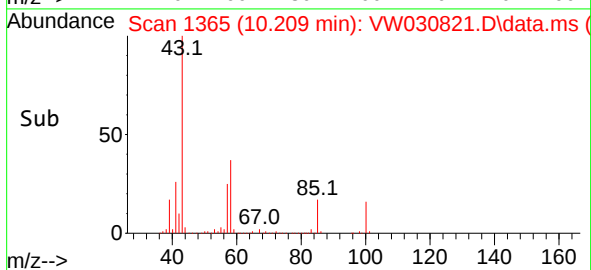
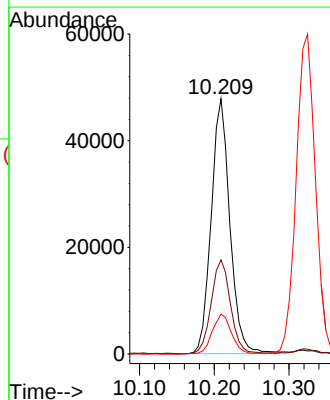
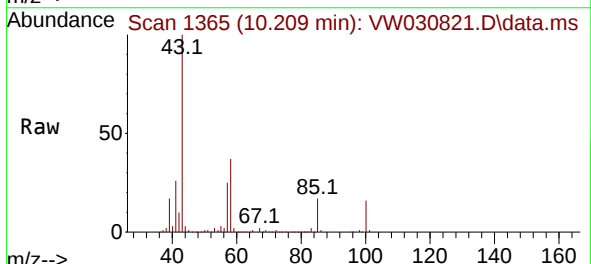
Tgt Ion: 43 Resp: 83248

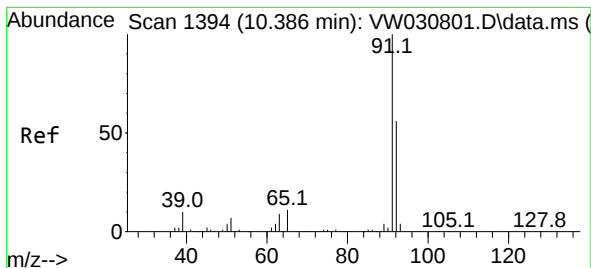
Ion Ratio Lower Upper

43 100

58 38.3 31.4 47.2

100 16.1 13.1 19.7





#42

Toluene

Concen: 16.788 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MS

Tgt Ion: 91 Resp: 306149

Ion Ratio Lower Upper

91 100

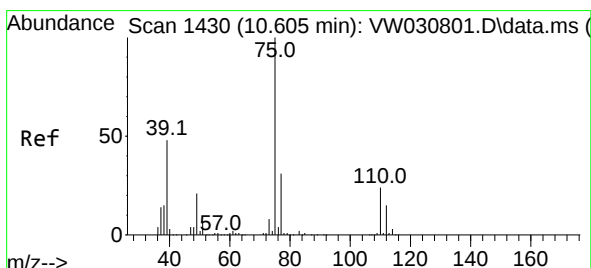
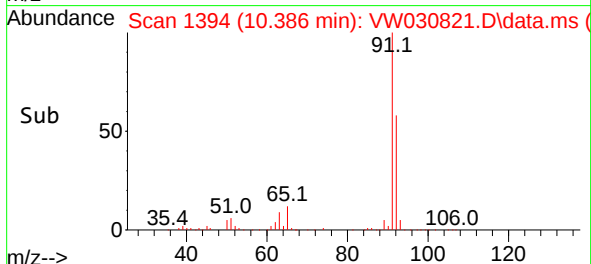
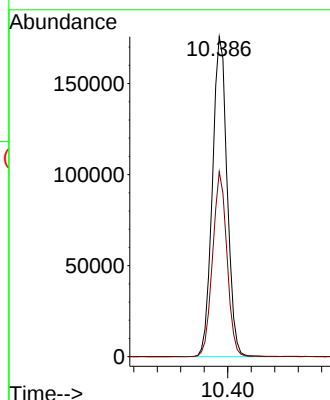
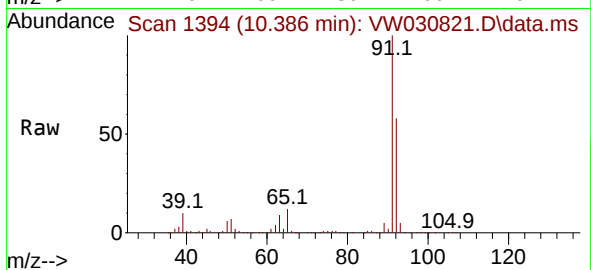
92 57.8 40.3 74.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024

Supervised By :Mahesh Dadoda 10/30/2024



#44

trans-1,3-Dichloropropene

Concen: 17.340 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030821.D

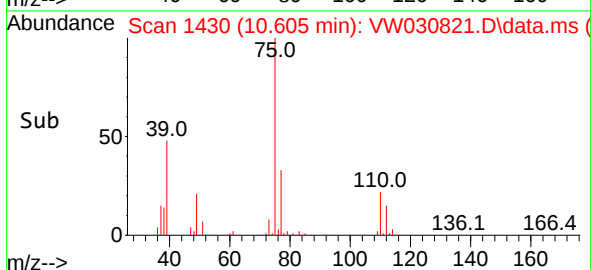
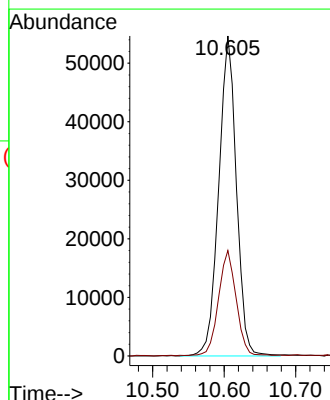
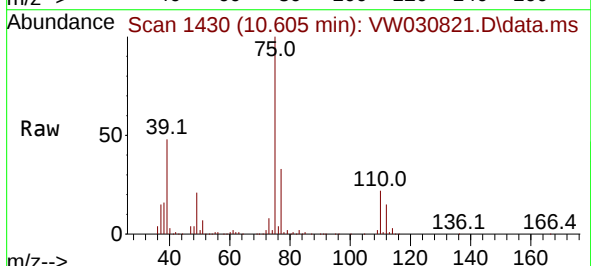
Acq: 29 Oct 2024 22:04

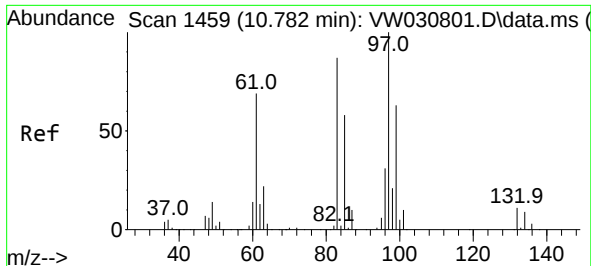
Tgt Ion: 75 Resp: 93829

Ion Ratio Lower Upper

75 100

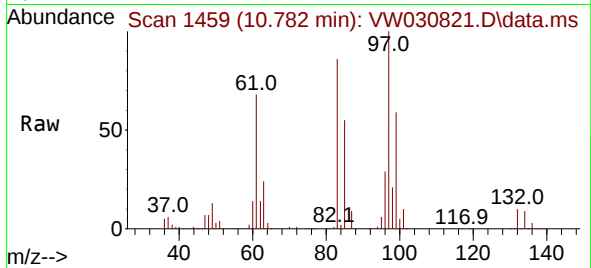
77 33.0 21.6 40.2





#45
1,1,2-Trichloroethane
Concen: 19.566 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

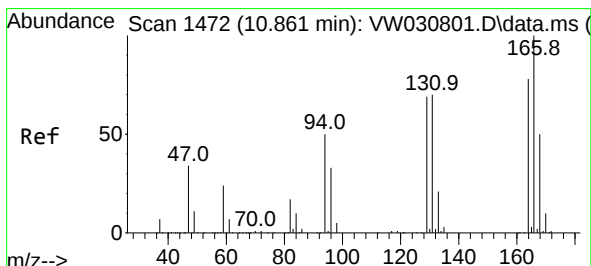
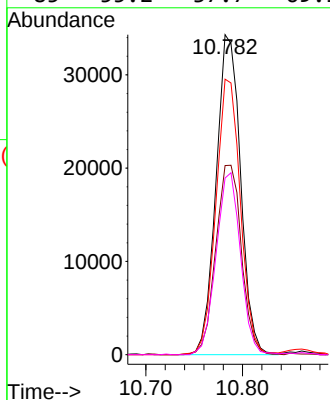
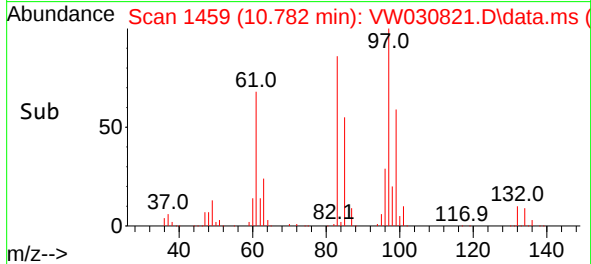
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



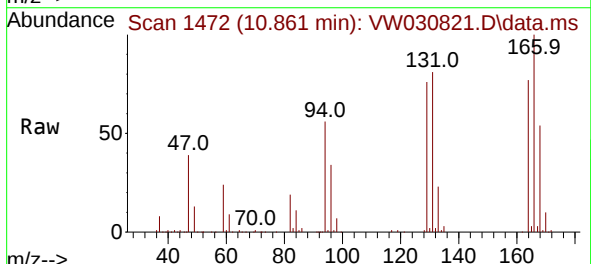
Tgt Ion:	97	Resp:	60370
Ion Ratio	100	Lower	Upper
97	100		
99	59.1	41.2	76.6
83	86.1	59.6	110.6
85	55.2	37.7	69.9

Manual Integrations
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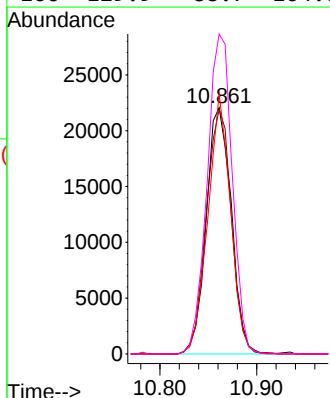
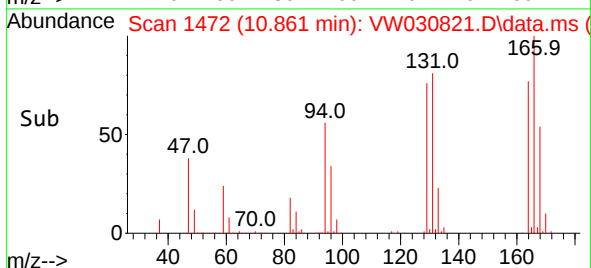
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024

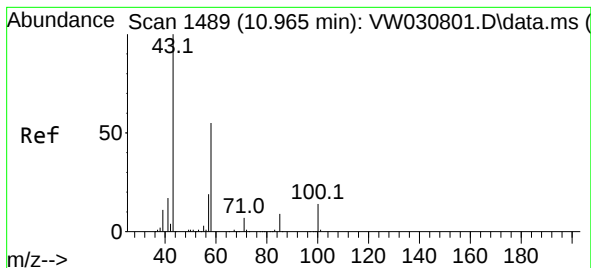


#46
Tetrachloroethene
Concen: 11.339 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04



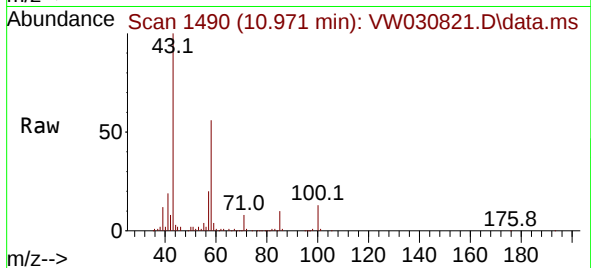
Tgt Ion:	164	Resp:	39770
Ion Ratio	100	Lower	Upper
164	100		
129	99.3	66.6	123.6
131	105.4	63.7	118.3
166	129.9	88.7	164.7





#48
2-Hexanone
Concen: 33.730 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

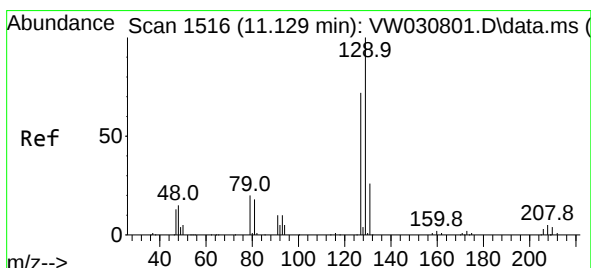
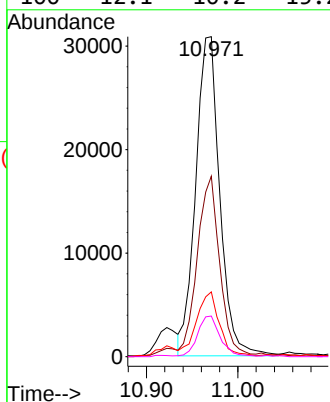
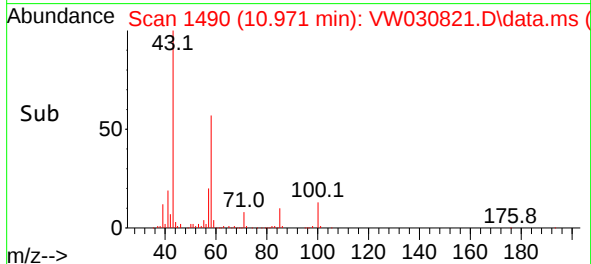
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion: 43 Resp: 56572
Ion Ratio Lower Upper
43 100
58 52.3 44.6 67.0
57 19.2 15.8 23.8
100 12.1 10.2 15.2

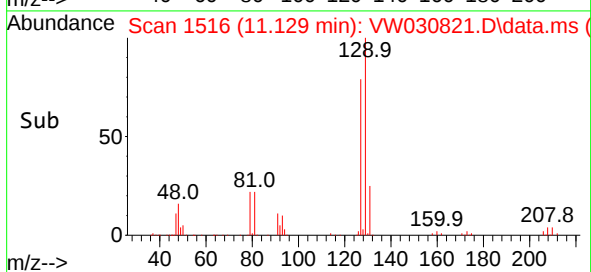
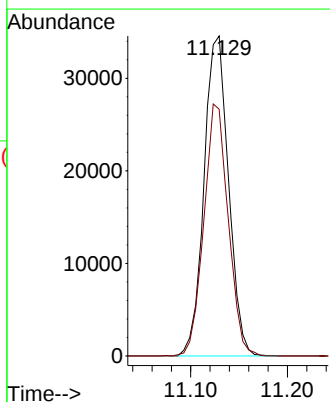
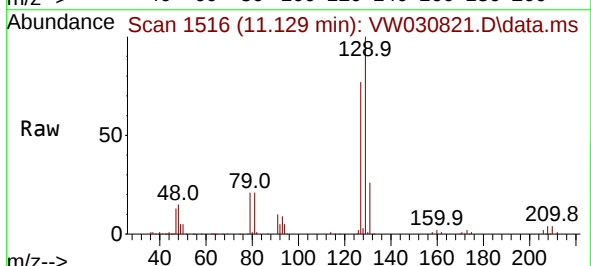
Manual Integrations
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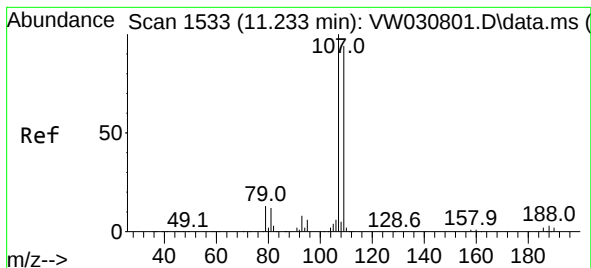
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#49
Dibromochloromethane
Concen: 17.677 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

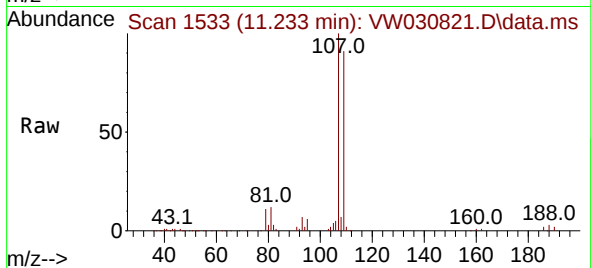
Tgt Ion:129 Resp: 60856
Ion Ratio Lower Upper
129 100
127 77.1 56.5 104.9





#50
1,2-Dibromoethane
Concen: 17.773 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

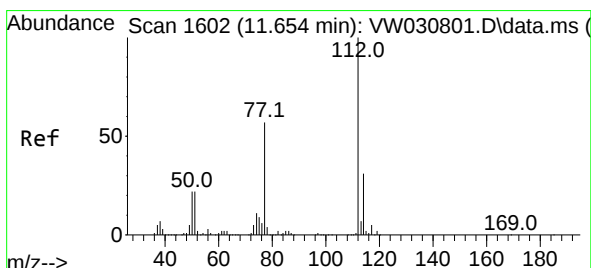
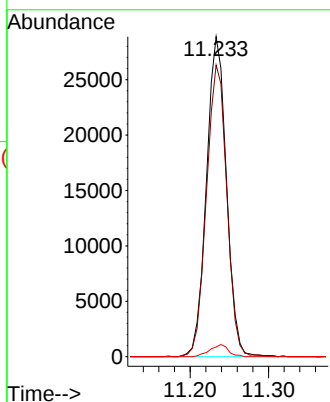
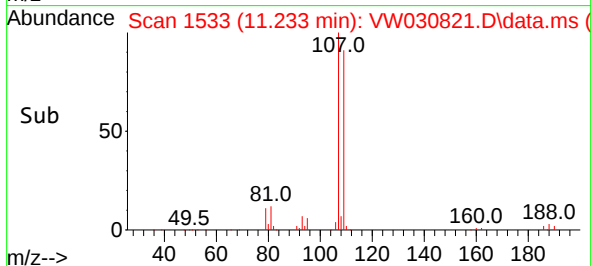
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion:107 Resp: 51168
Ion Ratio Lower Upper
107 100
109 91.1 63.8 118.6
188 3.0 2.6 3.8

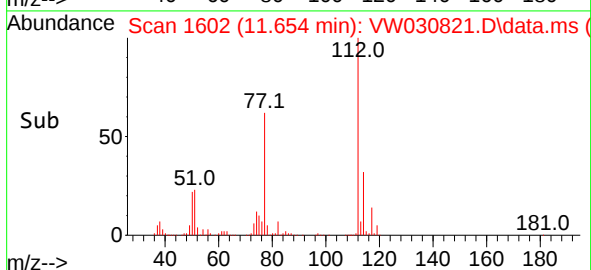
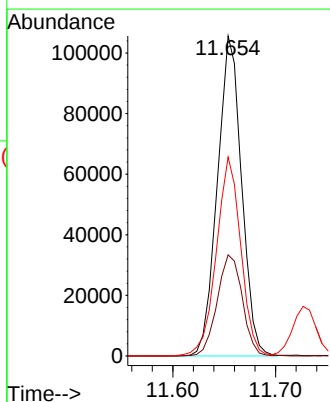
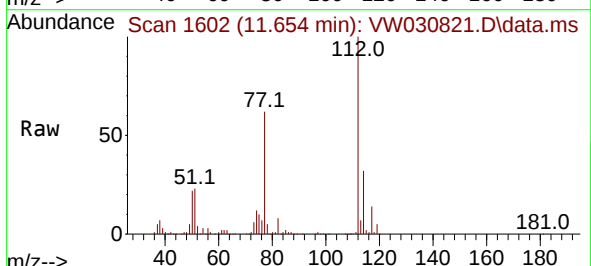
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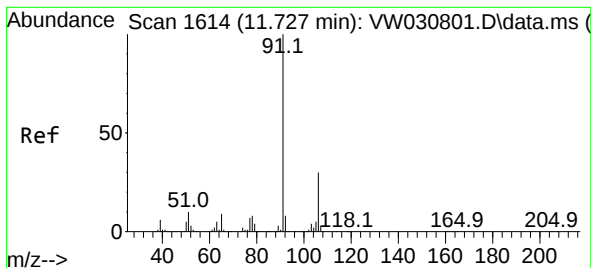
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#51
Chlorobenzene
Concen: 14.686 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

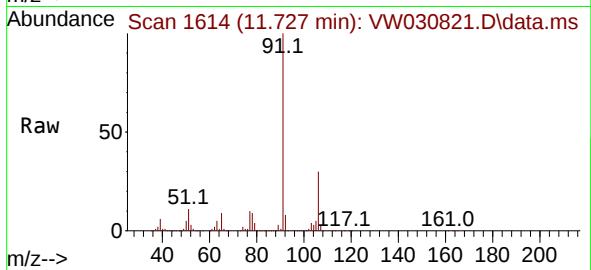
Tgt Ion:112 Resp: 172402
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 62.1 47.1 70.7





#52
Ethylbenzene
Concen: 13.109 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

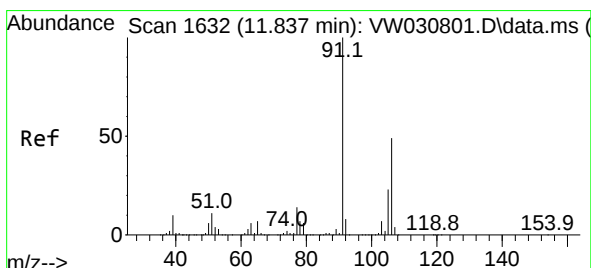
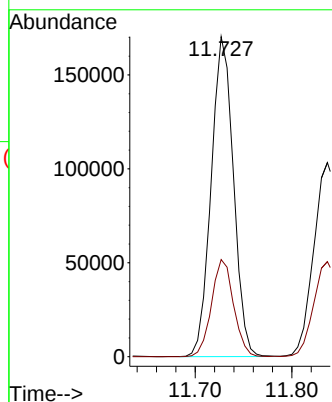
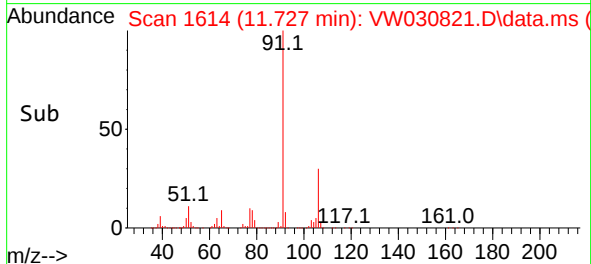
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



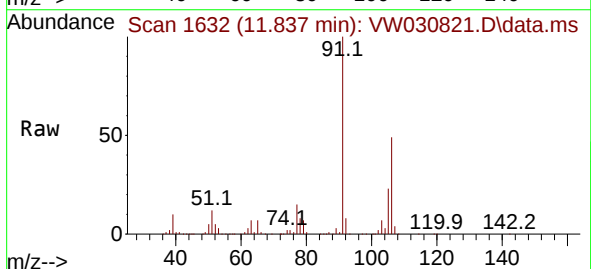
Tgt Ion: 91 Resp: 272768
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.1

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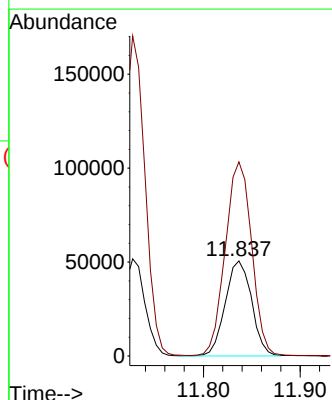
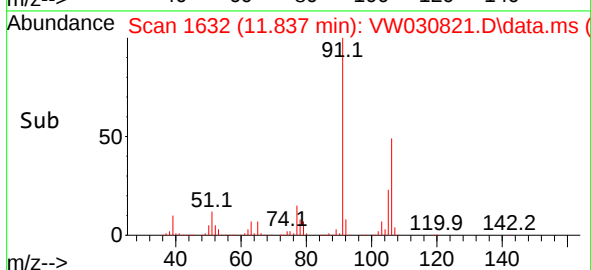
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024

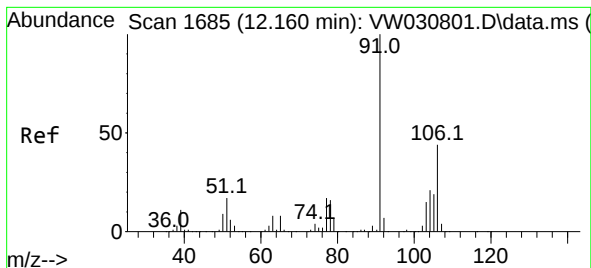


#53
m,p-Xylene
Concen: 12.281 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04



Tgt Ion:106 Resp: 95735
Ion Ratio Lower Upper
106 100
91 204.3 140.6 261.2





#54

o-Xylene

Concen: 13.471 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MS

Tgt Ion:106 Resp: 97080

Ion Ratio Lower Upper

106 100

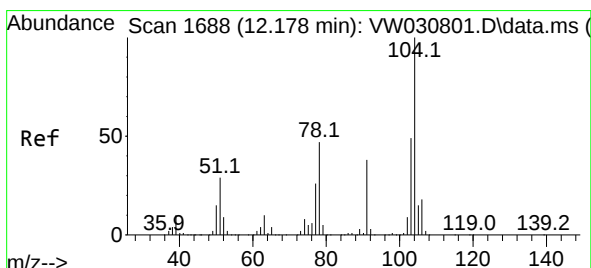
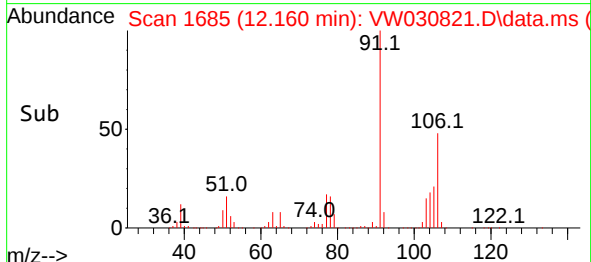
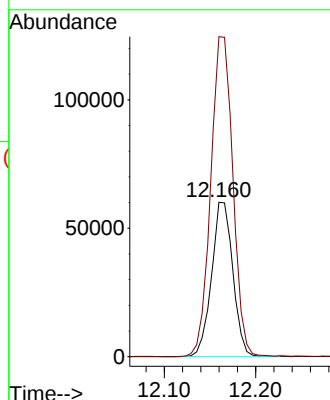
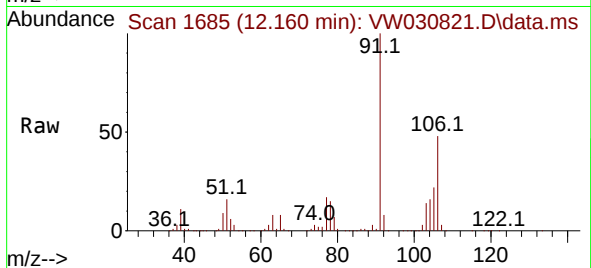
91 207.2 144.5 268.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/30/2024

Supervised By :Mahesh Dadoda 10/30/2024



#55

Styrene

Concen: 11.928 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030821.D

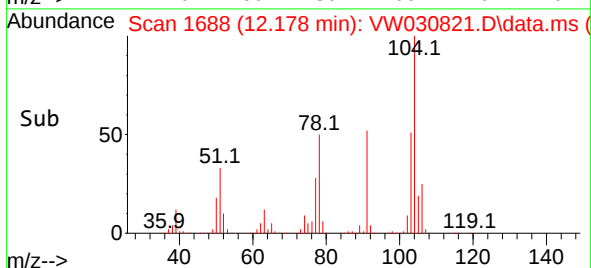
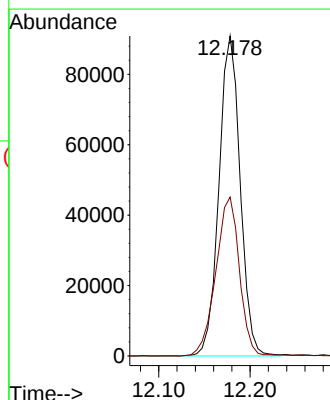
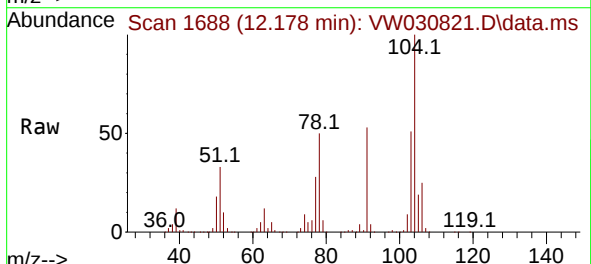
Acq: 29 Oct 2024 22:04

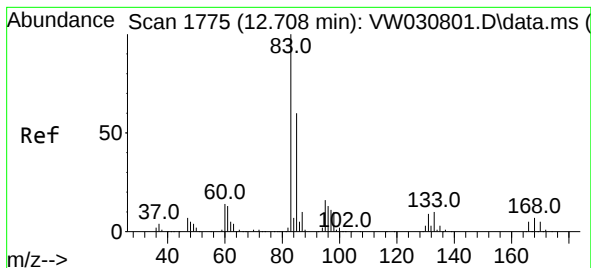
Tgt Ion:104 Resp: 146962

Ion Ratio Lower Upper

104 100

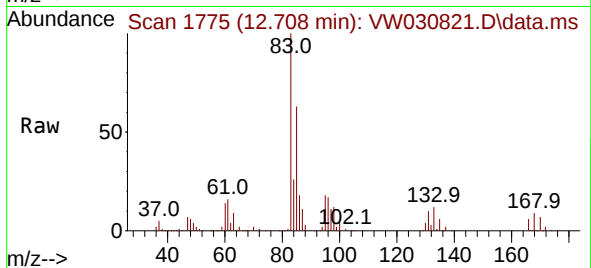
78 49.6 34.3 63.7





#57
1,1,2,2-Tetrachloroethane
Concen: 17.617 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

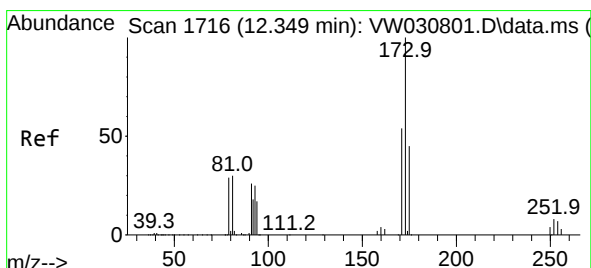
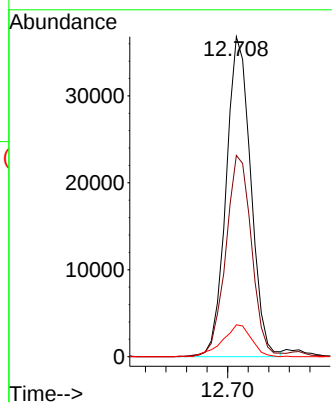
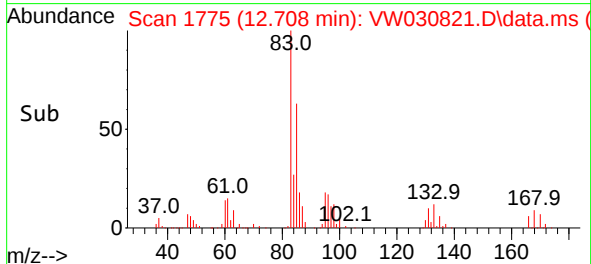
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion: 83 Resp: 61290
Ion Ratio Lower Upper
83 100
85 62.9 42.6 79.2
131 10.0 7.4 11.0

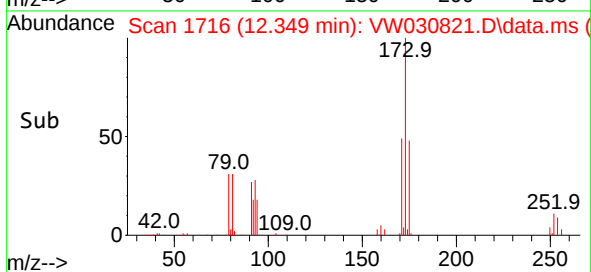
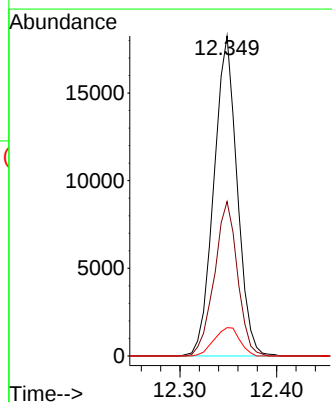
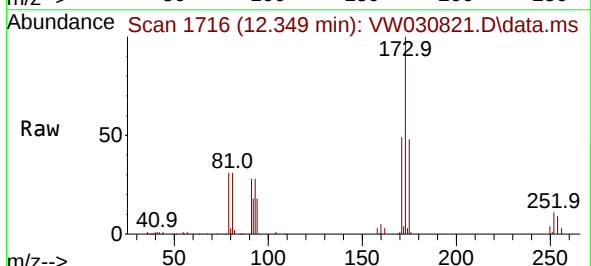
Manual Integrations
APPROVED

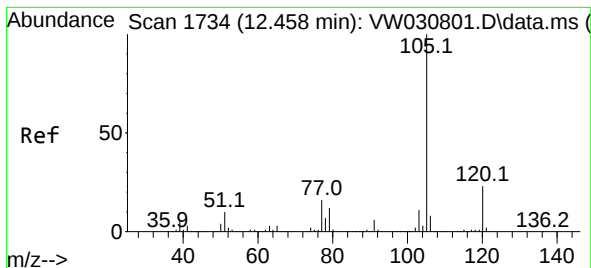
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#59
Bromoform
Concen: 24.814 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

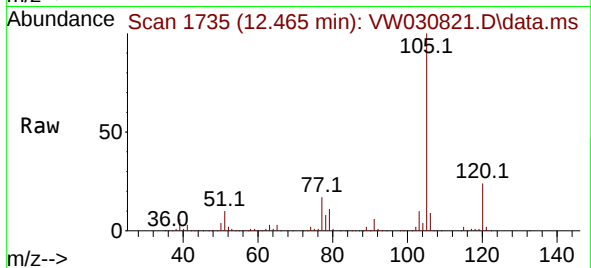
Tgt Ion:173 Resp: 30495
Ion Ratio Lower Upper
173 100
175 47.8 39.0 58.4
254 9.7 7.7 11.5





#60
Isopropylbenzene
Concen: 15.700 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

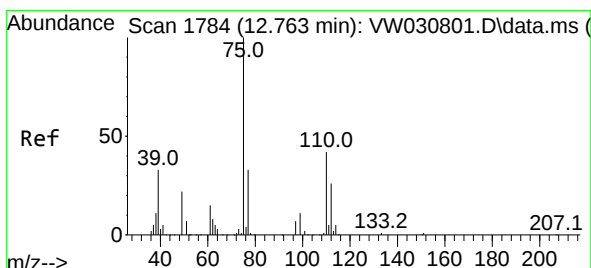
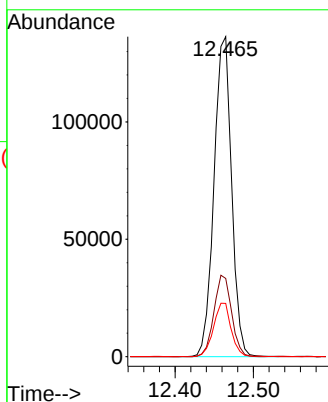
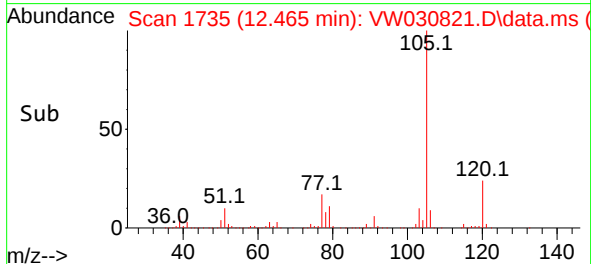
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



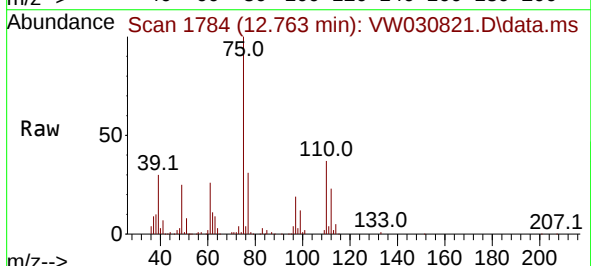
Tgt Ion:105 Resp: 21266
Ion Ratio Lower Upper
105 100
120 25.5 20.6 31.0
77 16.8 13.4 20.0

Manual Integrations
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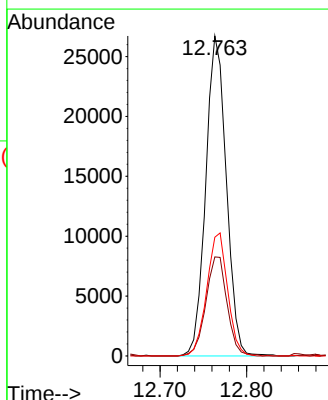
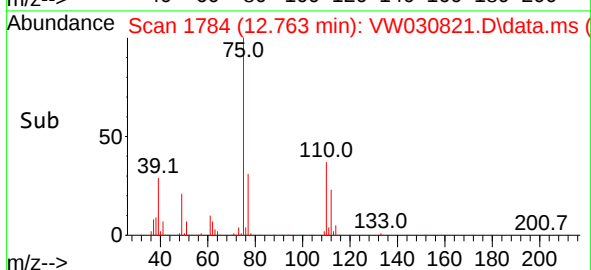
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024

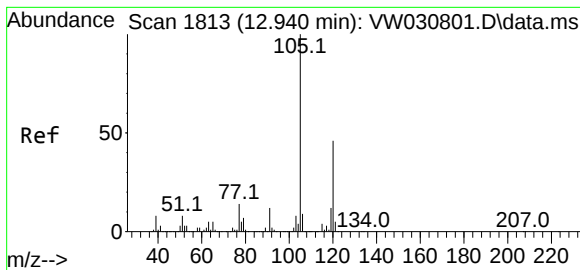


#61
1,2,3-Trichloropropane
Concen: 25.891 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04



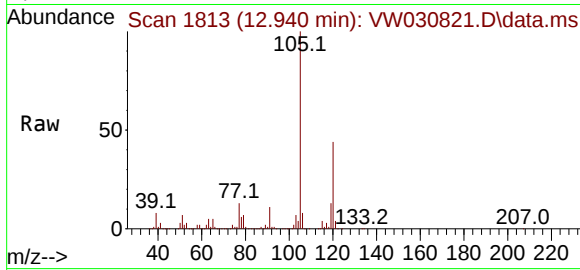
Tgt Ion: 75 Resp: 44068
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 39.0 32.3 48.5





#62
1,3,5-Trimethylbenzene
Concen: 13.928 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

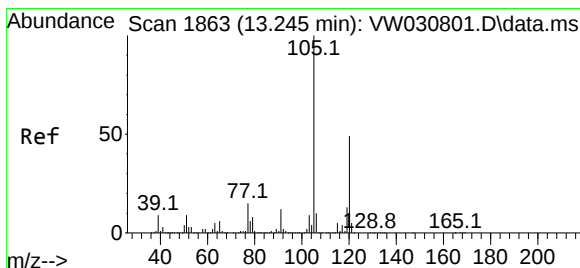
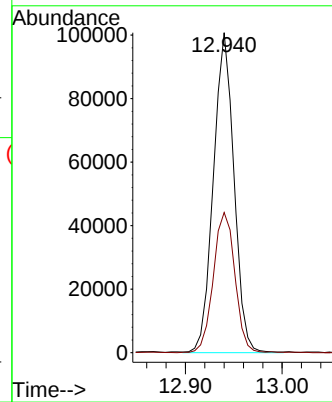
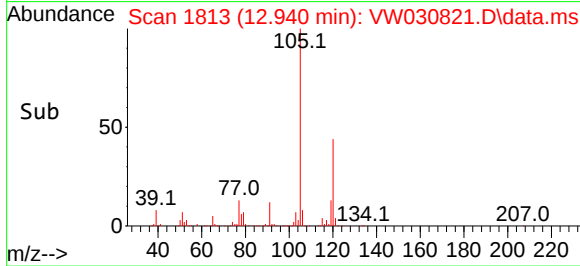
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



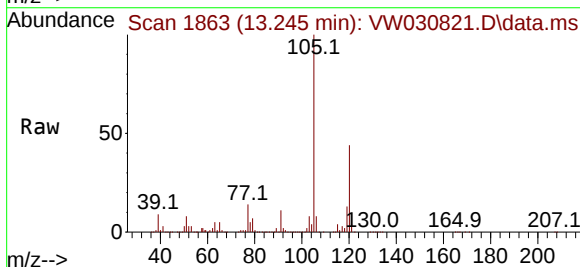
Tgt Ion:105 Resp: 14884
Ion Ratio Lower Upper
105 100
120 46.0 38.0 57.0

Manual Integrations
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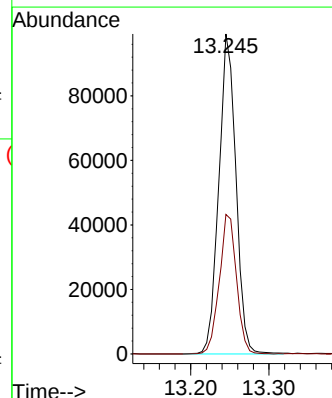
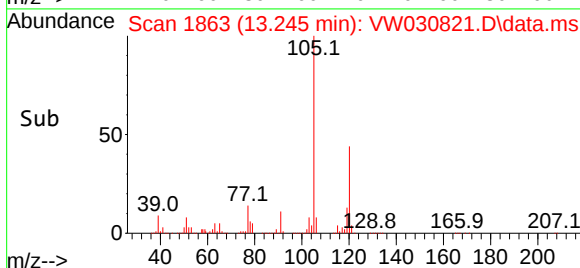
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024

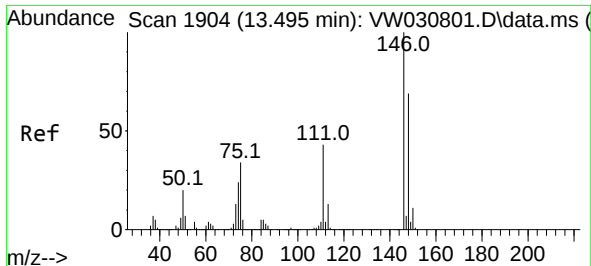


#63
1,2,4-Trimethylbenzene
Concen: 14.397 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04



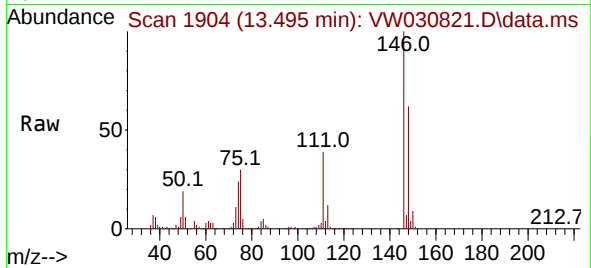
Tgt Ion:105 Resp: 150639
Ion Ratio Lower Upper
105 100
120 43.8 35.8 53.6





#64
1,3-Dichlorobenzene
Concen: 14.765 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

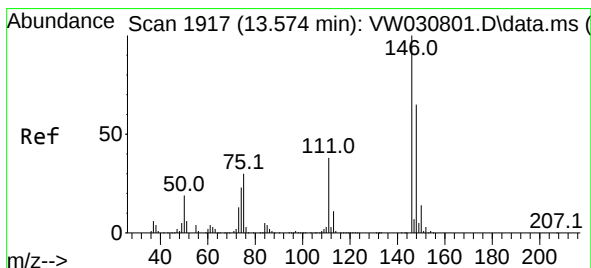
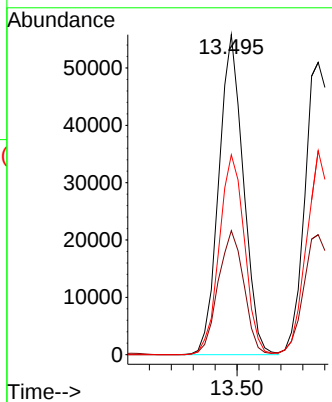
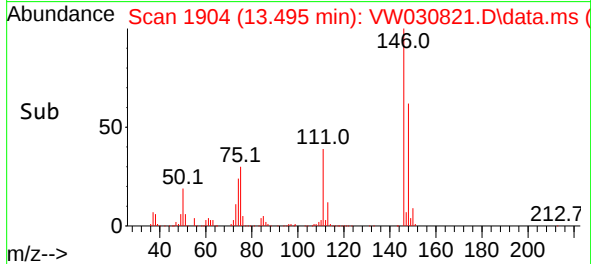
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



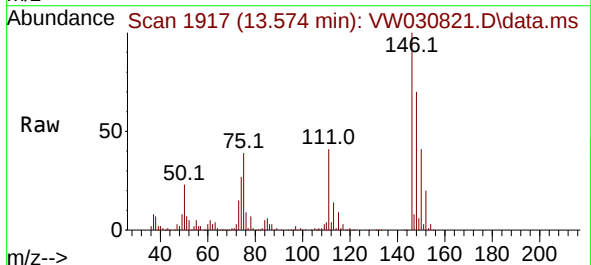
Tgt Ion:146 Resp: 87050
Ion Ratio Lower Upper
146 100
111 38.8 31.2 58.0
148 62.5 45.7 84.9

Manual Integrations
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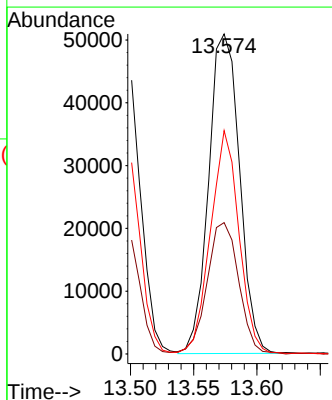
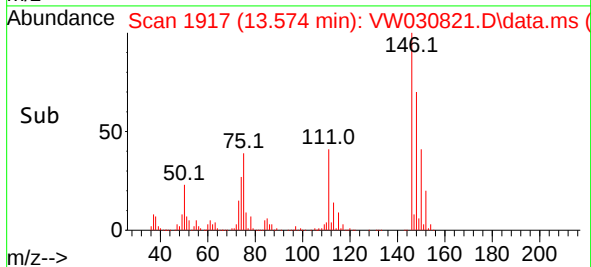
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024

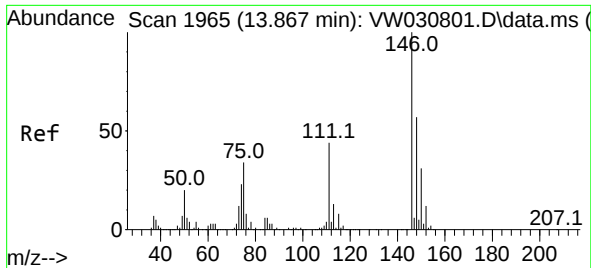


#65
1,4-Dichlorobenzene
Concen: 14.215 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04



Tgt Ion:146 Resp: 86543
Ion Ratio Lower Upper
146 100
111 41.1 26.8 49.8
148 69.8 41.0 76.2





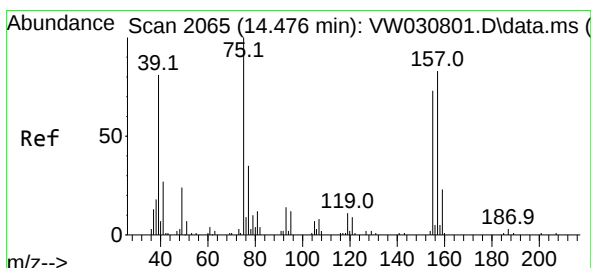
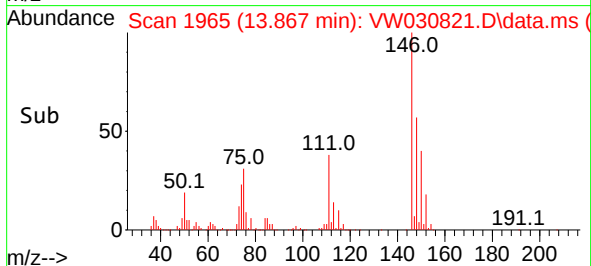
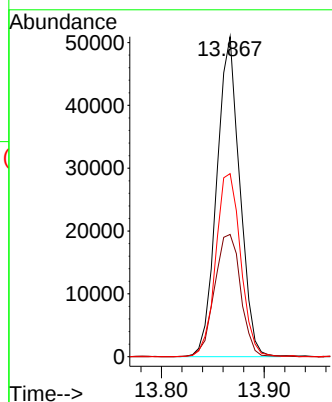
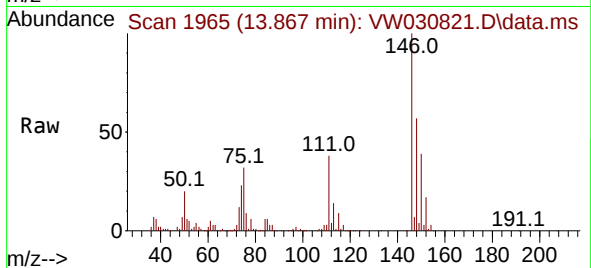
#67
1,2-Dichlorobenzene
Concen: 15.281 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS

Tgt Ion:146 Resp: 7928
Ion Ratio Lower Upper
146 100
111 38.2 34.6 52.0
148 57.2 53.3 79.9

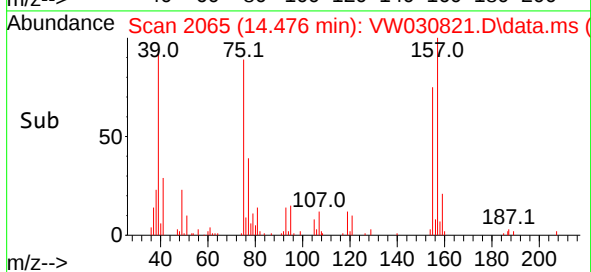
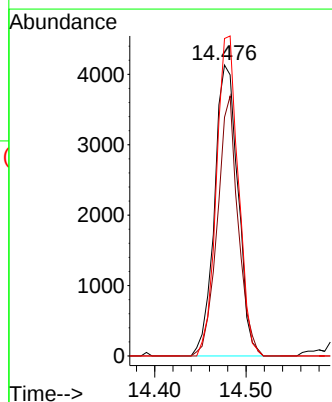
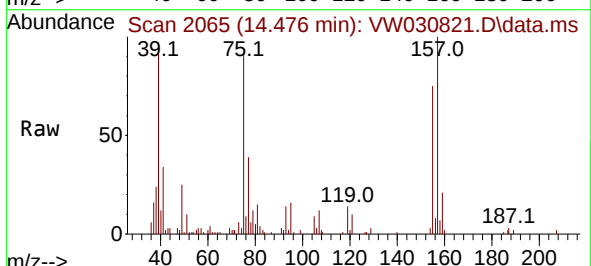
Manual Integrations
APPROVED

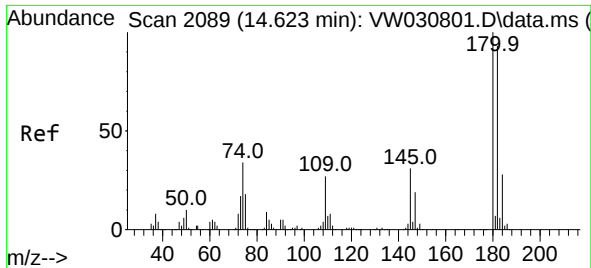
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 19.425 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

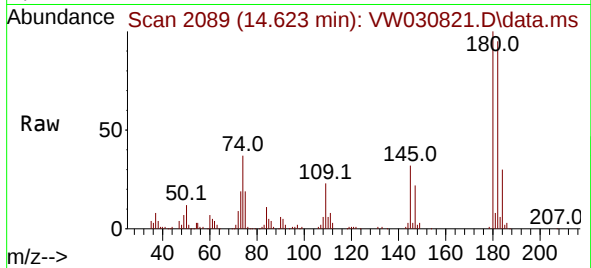
Tgt Ion: 75 Resp: 7372
Ion Ratio Lower Upper
75 100
155 82.1 57.9 86.9
157 109.1 69.0 103.6#





#69
1,3,5-Trichlorobenzene
Concen: 9.650 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

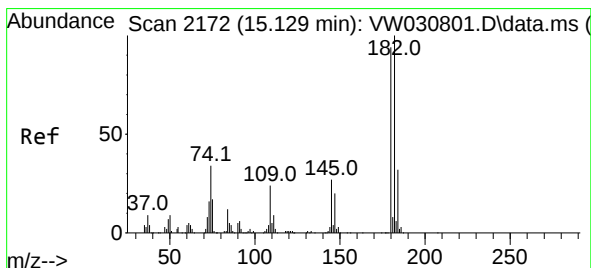
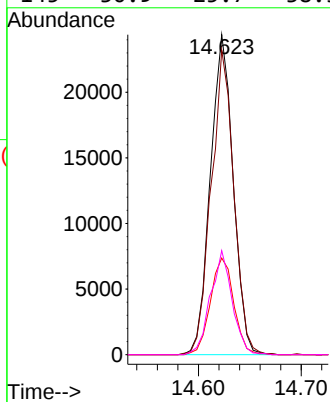
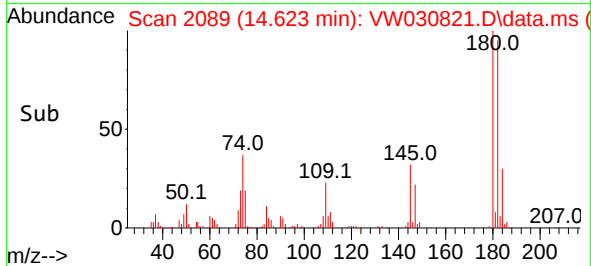
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion:180 Resp: 37520
Ion Ratio Lower Upper
180 100
182 94.3 79.9 119.9
184 31.0 25.2 37.8
145 30.9 25.7 38.5

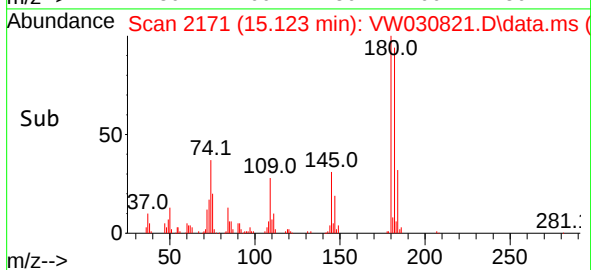
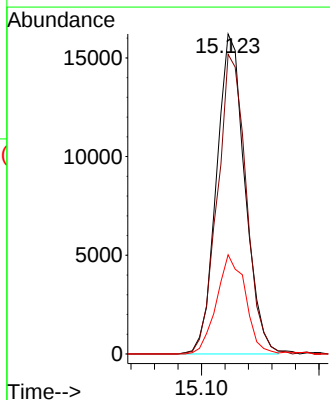
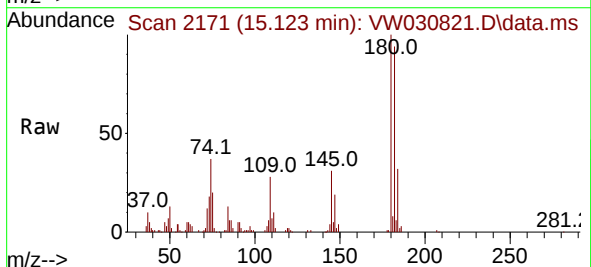
Manual Integrations
APPROVED

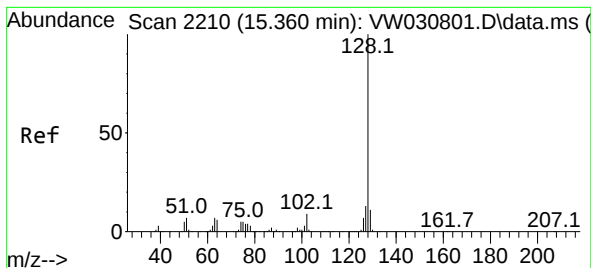
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#70
1,2,4-trichlorobenzene
Concen: 8.718 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

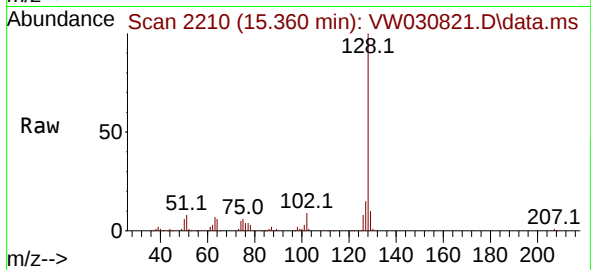
Tgt Ion:180 Resp: 27289
Ion Ratio Lower Upper
180 100
182 94.6 75.2 112.8
145 31.4 25.4 38.2





#71
Naphthalene
Concen: 11.614 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

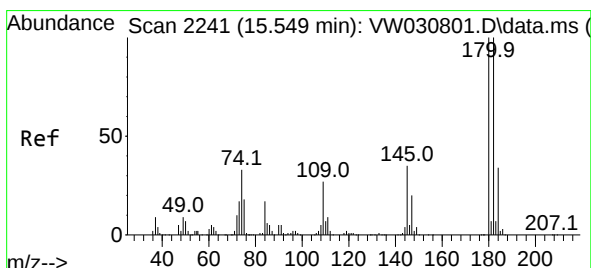
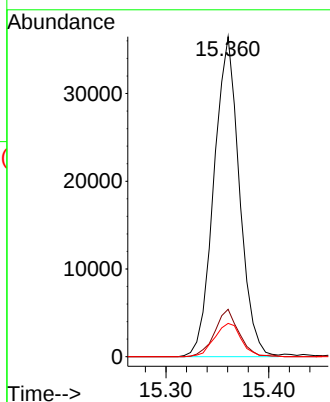
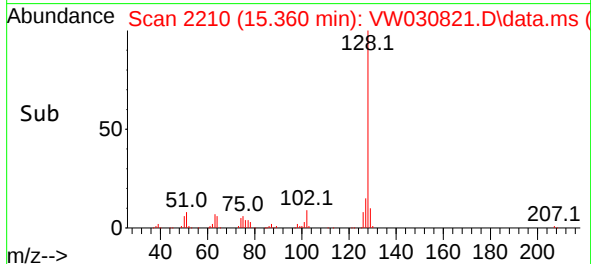
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MS



Tgt Ion:128 Resp: 62808
Ion Ratio Lower Upper
128 100
127 14.0 10.9 16.3
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#72
1,2,3-Trichlorobenzene
Concen: 9.332 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion:180 Resp: 25322
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.4
145 33.8 27.4 41.2

