

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
 Data File : VW030824.D
 Acq On : 29 Oct 2024 23:16
 Operator : SY/MD
 Sample : P4494-03MSD
 Misc : 5.34g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F35MSD

Quant Time: Oct 30 01:23:23 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	427778	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	343849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129798	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	48918	7.275	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	29.120%#		
7) Chloroethane-d5	2.899	69	58303	11.455	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	45.800%		
11) 1,1-Dichloroethene-d2	4.021	65	21366	7.640	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	30.560%#		
21) 2-Butanone-d5	7.075	46	53705	44.382	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.760%		
24) Chloroform-d	7.648	84	212946	17.407	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	69.640%		
26) 1,2-Dichloroethane-d4	8.307	65	107921	16.965	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	67.840%#		
32) Benzene-d6	8.276	84	283527	14.207	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	56.840%		
36) 1,2-Dichloropropane-d6	9.270	67	112213	19.157	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.640%		
41) Toluene-d8	10.319	98	212221	11.649	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	46.600%		
43) trans-1,3-Dichloroprop...	10.575	79	38327	15.626	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.520%		
47) 2-Hexanone-d5	10.922	63	39361	52.172	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.340%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102079	23.730	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.920%		
66) 1,2-Dichlorobenzene-d4	13.848	152	78564	17.889	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	71.560%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	64377	11.779	ug/L	99
3) Chloromethane	2.223	50	80114	12.612	ug/L	98
5) Vinyl chloride	2.375	62	108184	13.849	ug/L	99
6) Bromomethane	2.789	94	71972	13.998	ug/L	95
8) Chloroethane	2.930	64	73450	15.381	ug/L	99
9) Trichlorofluoromethane	3.265	101	102361	14.644	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94195	14.978	ug/L	98
12) 1,1-Dichloroethene	4.045	96	78462	13.671	ug/L	87
13) Acetone	4.119	43	29109	16.431	ug/L	100
14) Carbon disulfide	4.387	76	180232	9.617	ug/L	99
15) Methyl Acetate	4.673	43	33068m	15.111	ug/L	
16) Methylene chloride	4.923	84	95161	14.715	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	89665	14.478	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	145242	16.757	ug/L	99
19) 1,1-Dichloroethane	6.222	63	192737	16.745	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	106095	16.061	ug/L	97
22) 2-Butanone	7.167	43	40847	21.390	ug/L	97
23) Bromochloromethane	7.520	128	44288	15.326	ug/L	96
25) Chloroform	7.673	83	206665	16.802	ug/L	99

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	126282	15.562	ug/L	99
29) Cyclohexane	7.959	56	125671	15.014	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	165877	18.173	ug/L	99
31) Carbon tetrachloride	8.069	117	140211	17.199	ug/L	98
33) Benzene	8.325	78	400532	17.900	ug/L	100
34) Trichloroethene	9.093	95	102016	16.388	ug/L	96
35) Methylcyclohexane	9.337	83	129233	13.191	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106959	19.139	ug/L	99
38) Bromodichloromethane	9.642	83	138978	18.691	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	147794	17.533	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	99053	36.894	ug/L	99
42) Toluene	10.386	91	421394	17.652	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	118348	16.707	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	72176	17.870	ug/L	96
46) Tetrachloroethene	10.861	164	71330	15.536	ug/L	98
48) 2-Hexanone	10.965	43	67892	30.922	ug/L	98
49) Dibromochloromethane	11.123	129	77365	17.167	ug/L	99
50) 1,2-Dibromoethane	11.233	107	62004	16.452	ug/L	95
51) Chlorobenzene	11.654	112	252879	16.456	ug/L	99
52) Ethylbenzene	11.727	91	457584	16.799	ug/L	100
53) m,p-Xylene	11.837	106	163155	15.988	ug/L	92
54) o-Xylene	12.160	106	158733	16.825	ug/L	89
55) Styrene	12.178	104	256109	15.879	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	73194	16.070	ug/L	96
59) Bromoform	12.349	173	37338	20.475	ug/L	100
60) Isopropylbenzene	12.458	105	416850	20.738	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	53066	21.010	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	309547	19.520	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	297094	19.134	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	145207	16.596	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	150371	16.645	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	122843	15.955	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	10448	18.552	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	64341	11.152	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	45000	9.688	ug/L	97
71) Naphthalene	15.360	128	101092	12.598	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	36975	9.183	ug/L	99

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

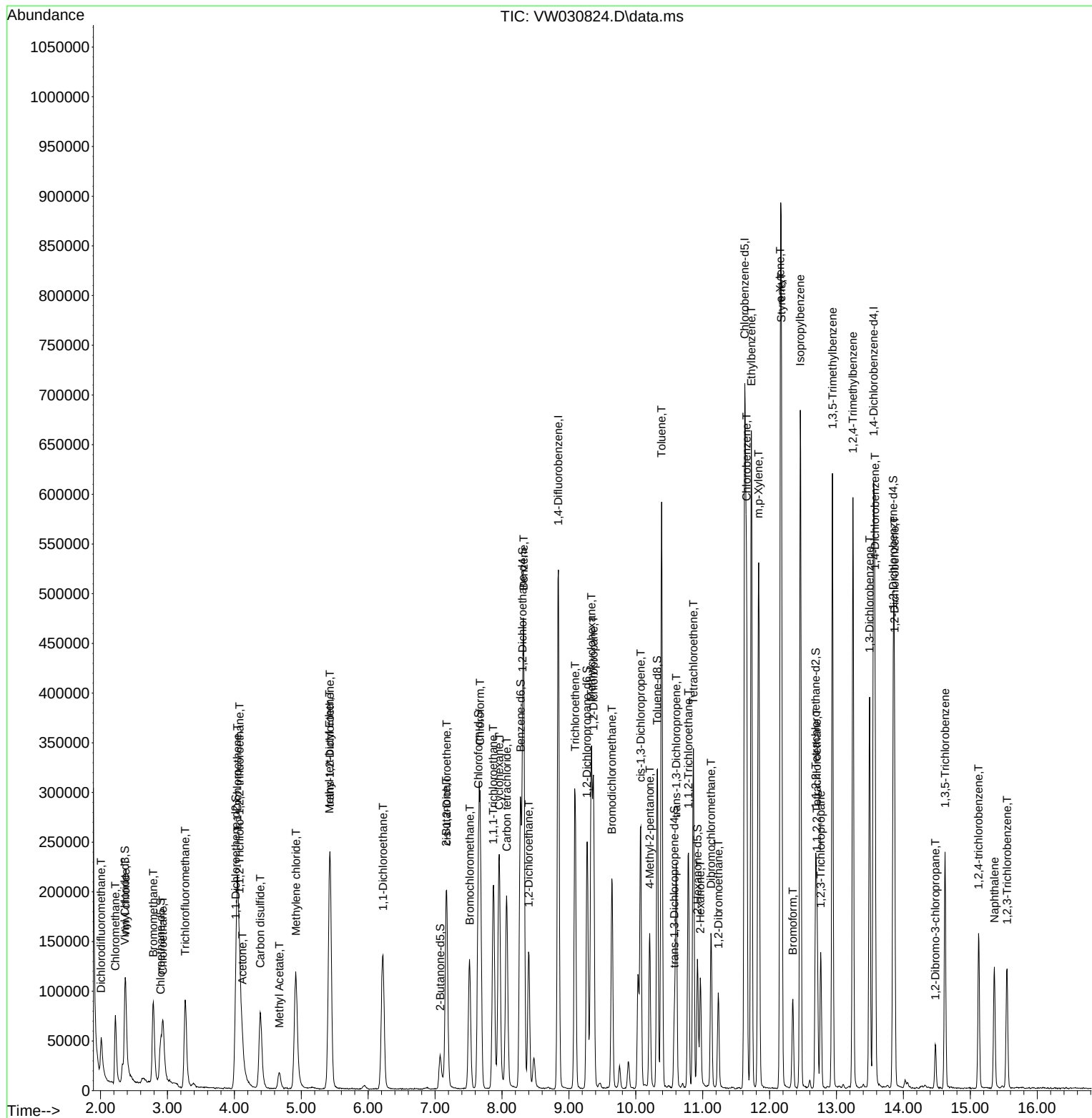
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
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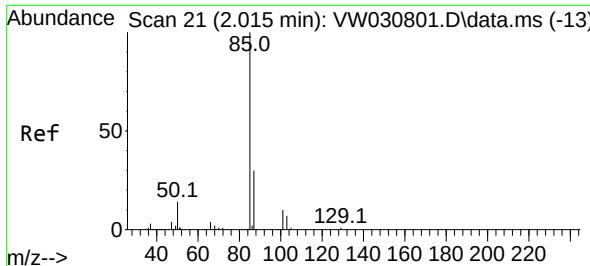
Instrument :
MSVOA_W
ClientSampleId :
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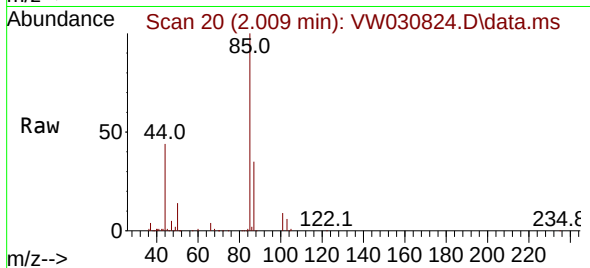
Reviewed By : Semsettin Yesilyurt 10/30/2024
Supervised By : Mahesh Dadoda 10/30/2024





#2
Dichlorodifluoromethane
Concen: 11.779 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

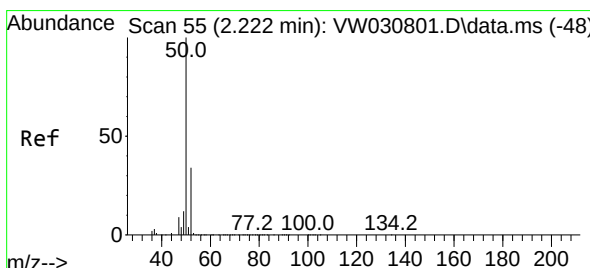
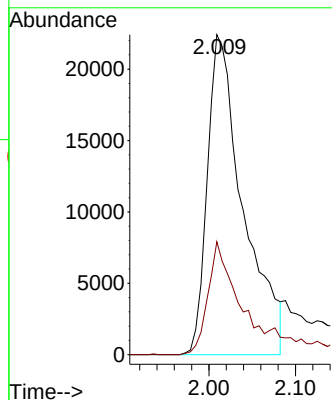
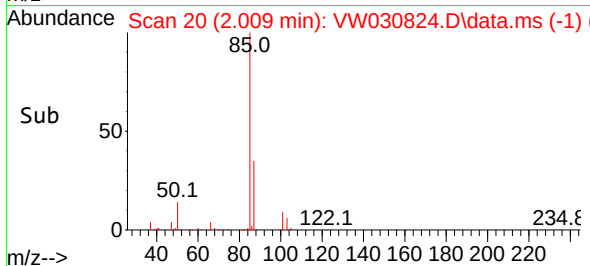
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



Tgt Ion: 85 Resp: 6437
Ion Ratio Lower Upper
85 100
87 29.4 23.8 35.6

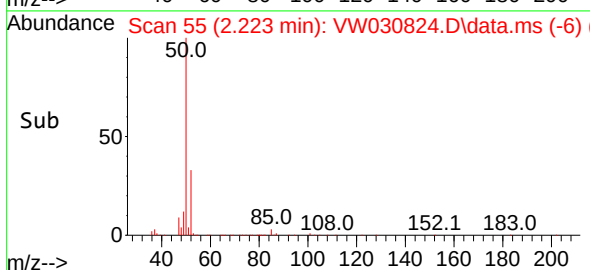
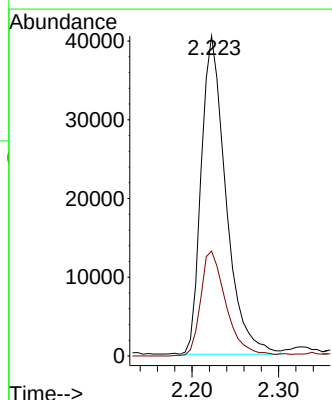
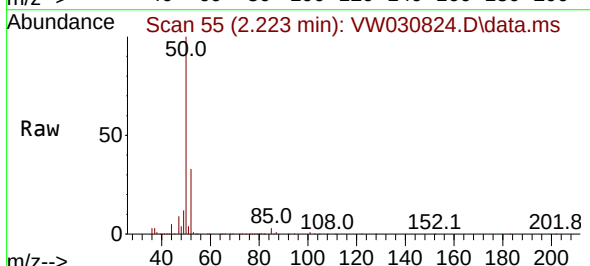
Manual Integrations
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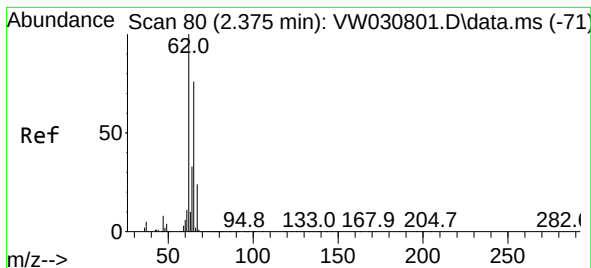
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#3
Chloromethane
Concen: 12.612 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion: 50 Resp: 80114
Ion Ratio Lower Upper
50 100
52 32.8 23.7 43.9





#5

Vinyl chloride

Concen: 13.849 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

A4F35MSD

Tgt Ion: 62 Resp: 108184

Ion Ratio Lower Upper

62 100

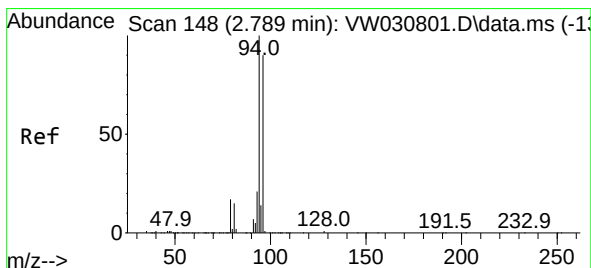
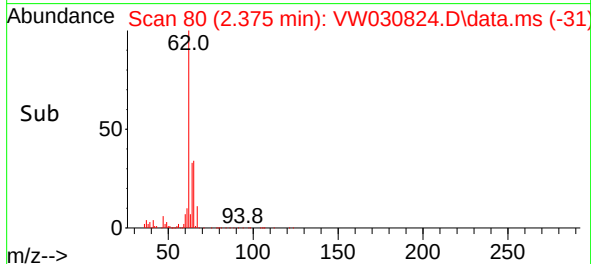
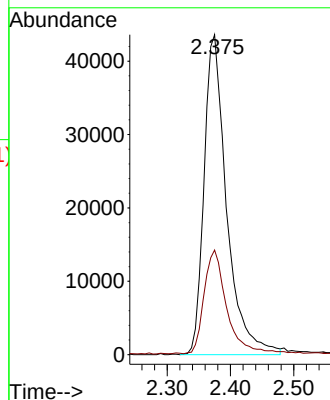
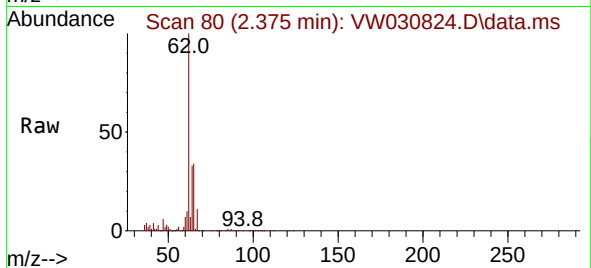
64 32.7 22.6 42.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/30/2024

Supervised By :Mahesh Dadoda 10/30/2024



#6

Bromomethane

Concen: 13.998 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030824.D

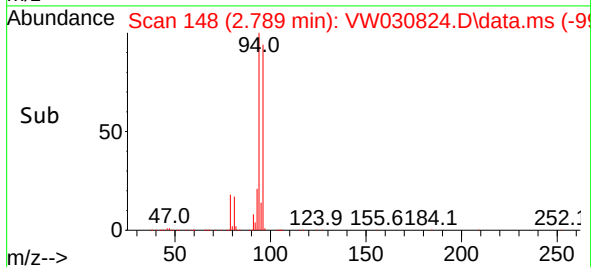
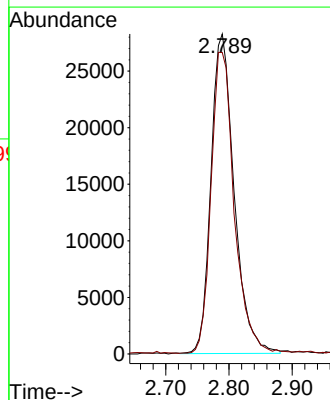
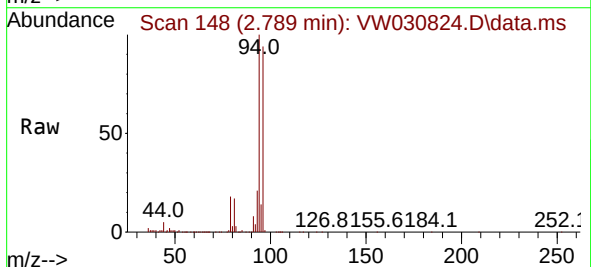
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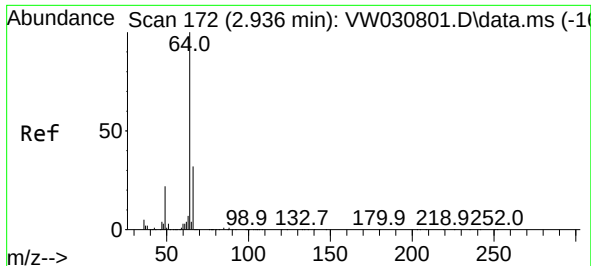
Tgt Ion: 94 Resp: 71972

Ion Ratio Lower Upper

94 100

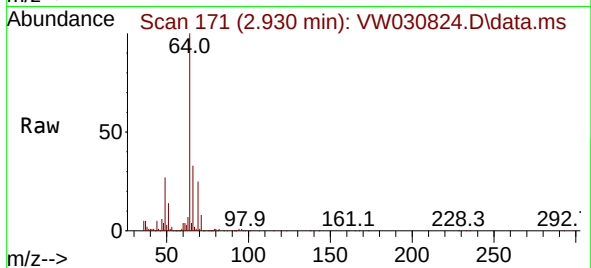
96 94.2 62.6 116.2





#8
Chloroethane
Concen: 15.381 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

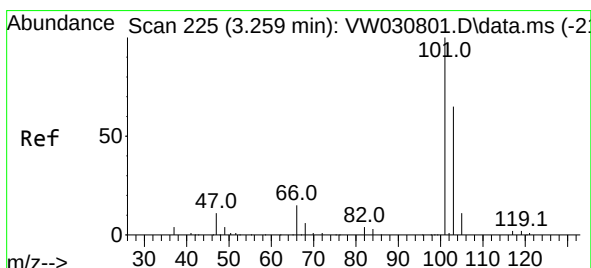
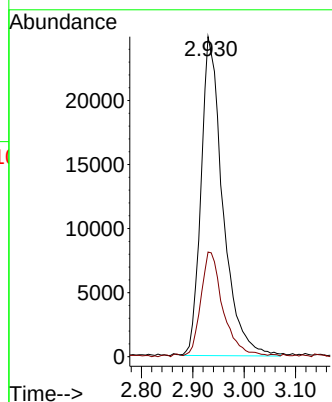
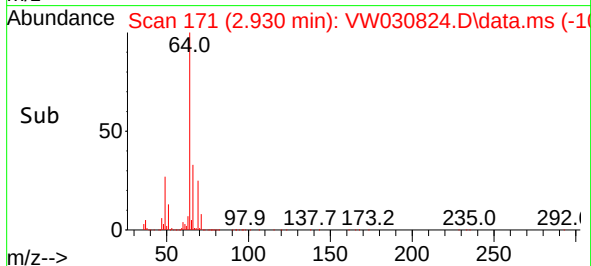
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



Tgt Ion: 64 Resp: 73450
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.5

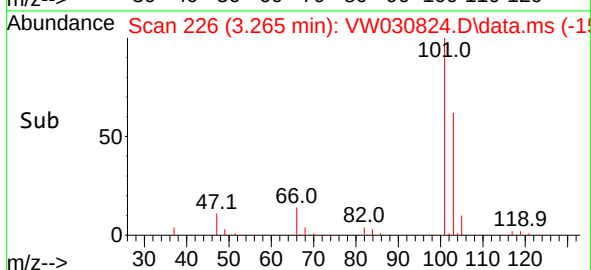
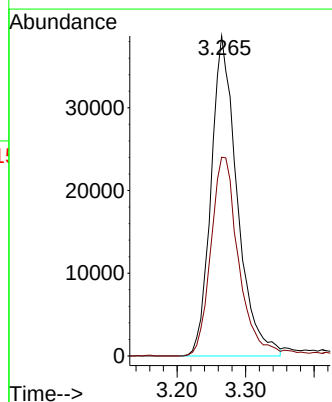
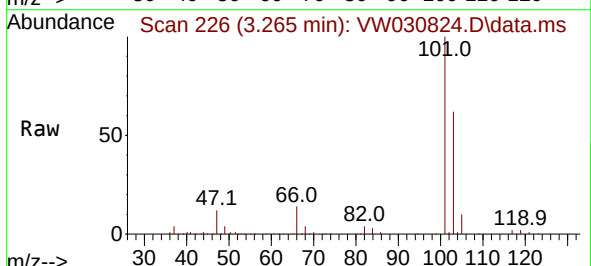
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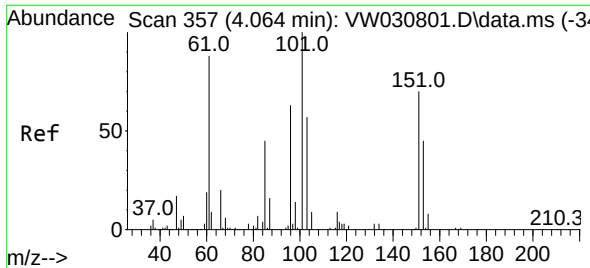
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#9
Trichlorofluoromethane
Concen: 14.644 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

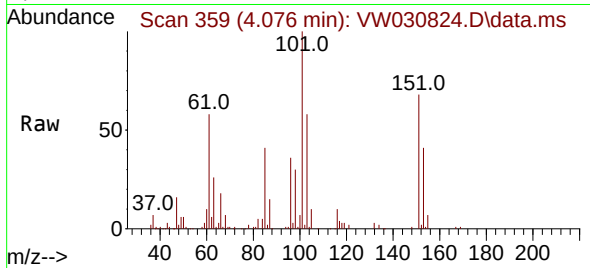
Tgt Ion:101 Resp: 102361
Ion Ratio Lower Upper
101 100
103 65.5 51.1 76.7





#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 14.978 ug/L
 RT: 4.076 min Scan# 357
 Delta R.T. 0.012 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

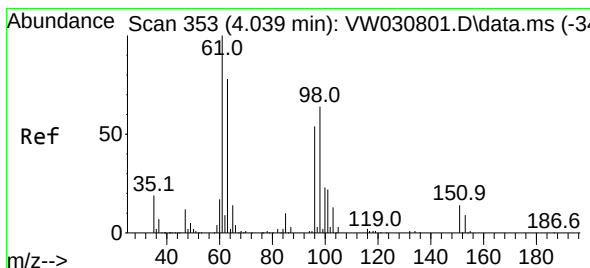
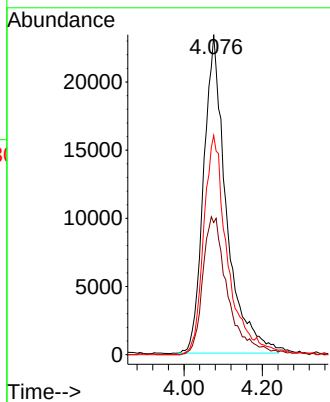
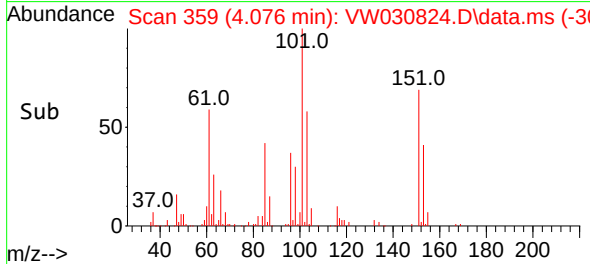
Instrument :
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Tgt Ion: 101 Resp: 9419
 Ion Ratio Lower Upper
 101 100
 85 46.3 35.7 53.5
 151 69.4 56.1 84.1

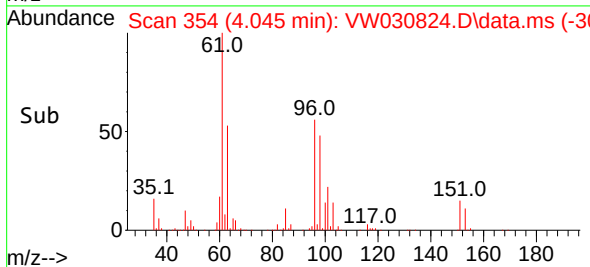
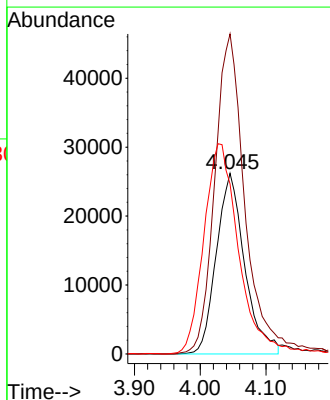
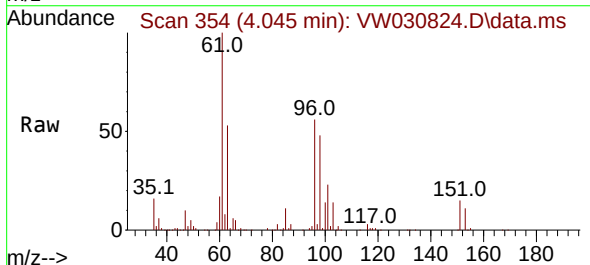
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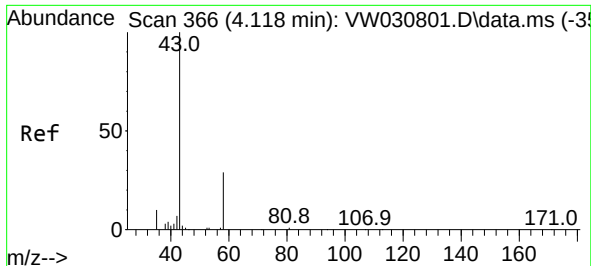
Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024



#12
 1,1-Dichloroethene
 Concen: 13.671 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

Tgt Ion: 96 Resp: 78462
 Ion Ratio Lower Upper
 96 100
 61 177.2 121.3 225.3
 63 94.2 87.6 162.8





#13

Acetone

Concen: 16.431 ug/L

RT: 4.119 min Scan# 30

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

A4F35MSD

Tgt Ion: 43 Resp: 29109

Ion Ratio Lower Upper

43 100

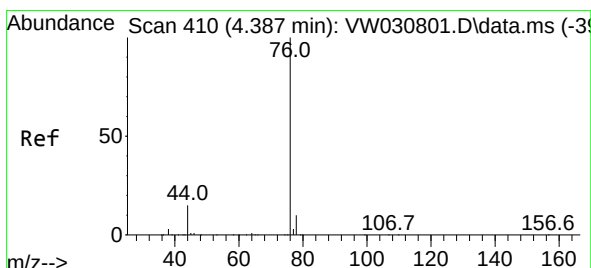
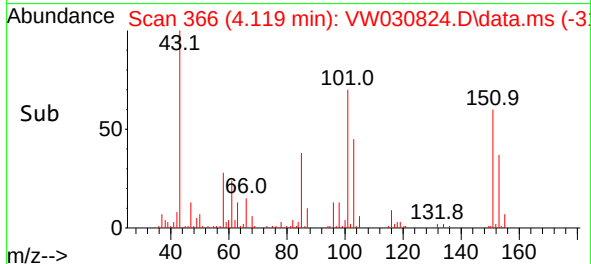
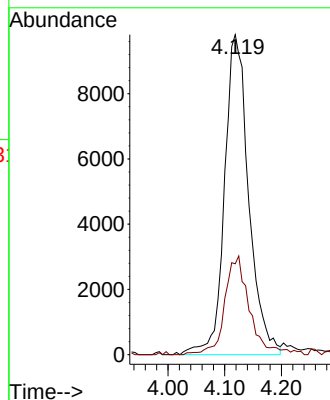
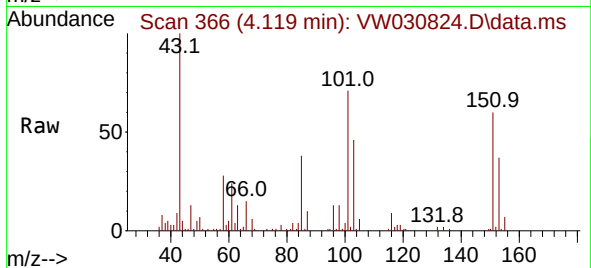
58 28.6 0.0 57.6

Manual Integrations

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Supervised By :Mahesh Dadoda 10/30/2024



#14

Carbon disulfide

Concen: 9.617 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW030824.D

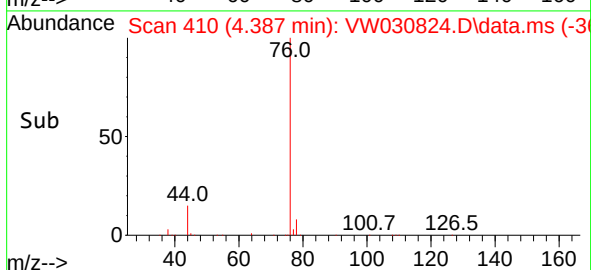
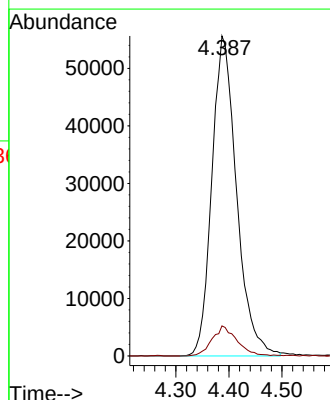
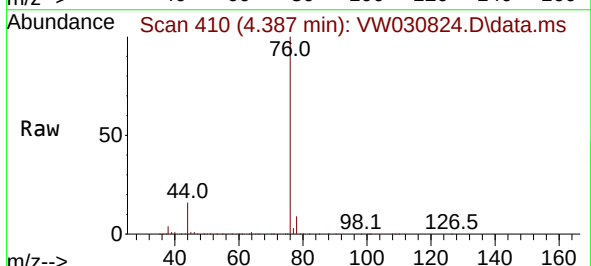
Acq: 29 Oct 2024 23:16

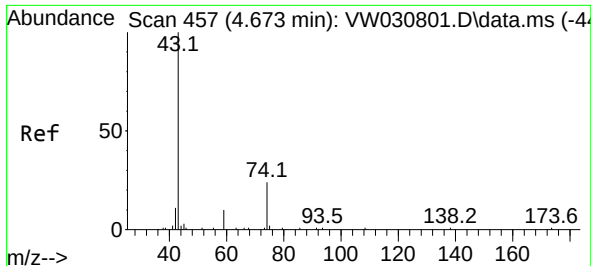
Tgt Ion: 76 Resp: 180232

Ion Ratio Lower Upper

76 100

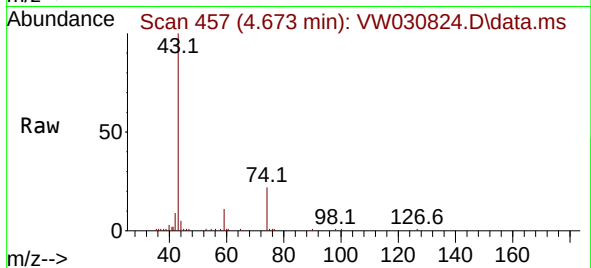
78 9.4 7.1 10.7





#15
Methyl Acetate
Concen: 15.111 ug/L m
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

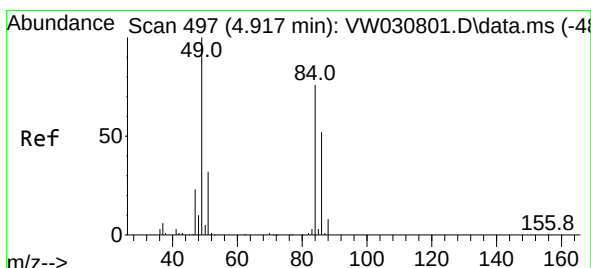
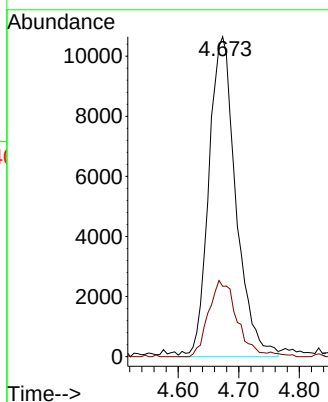
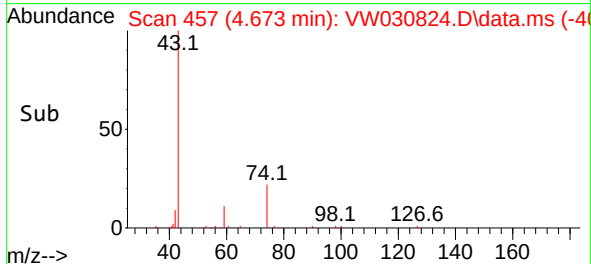
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



Tgt Ion: 43 Resp: 3306
Ion Ratio Lower Upper
43 100
74 0.1 19.3 28.9

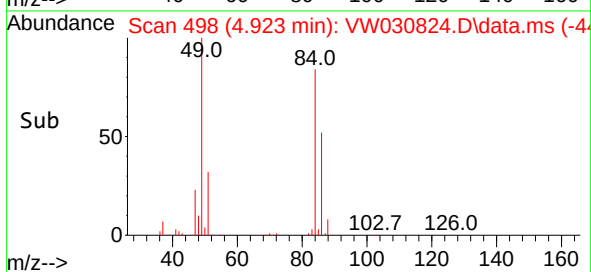
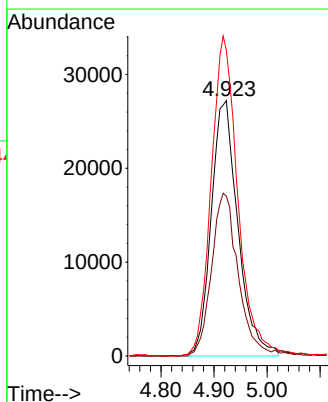
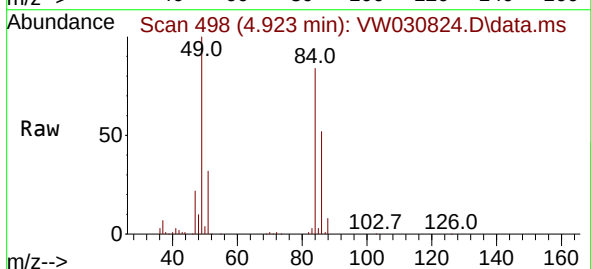
Manual Integrations
APPROVED

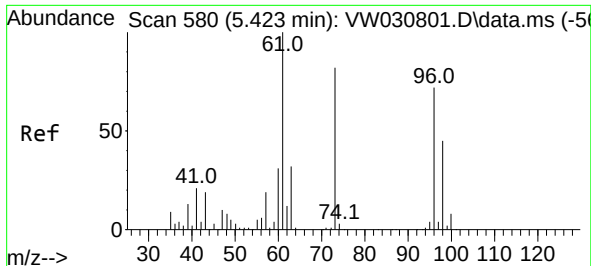
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#16
Methylene chloride
Concen: 14.715 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

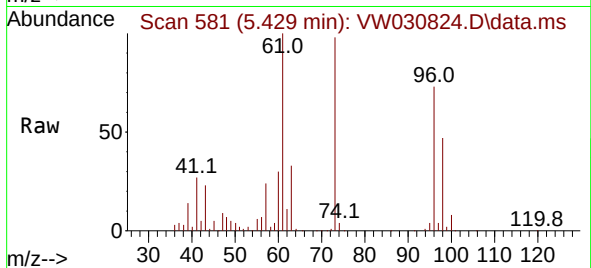
Tgt Ion: 84 Resp: 95161
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.3
49 119.6 88.3 164.1





#17
trans-1,2-Dichloroethene
Concen: 14.478 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

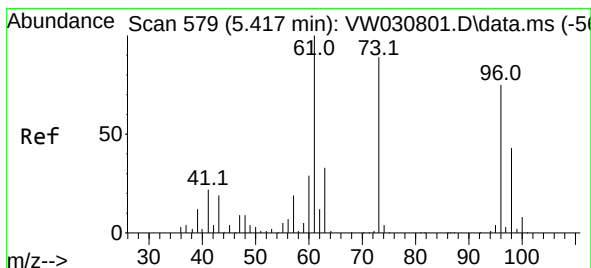
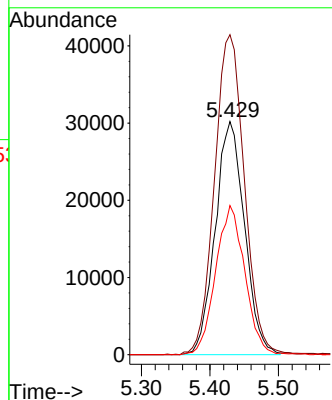
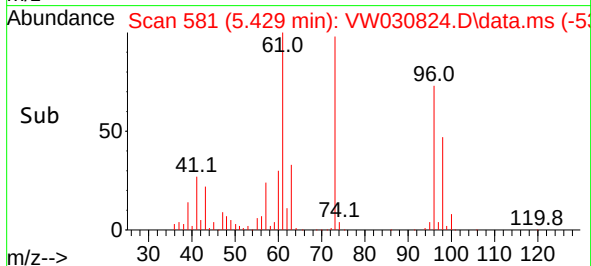
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



Tgt Ion: 96 Resp: 8966
Ion Ratio Lower Upper
96 100
61 137.3 96.9 179.9
98 64.0 42.2 78.4

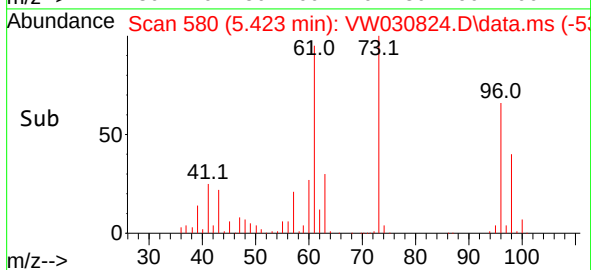
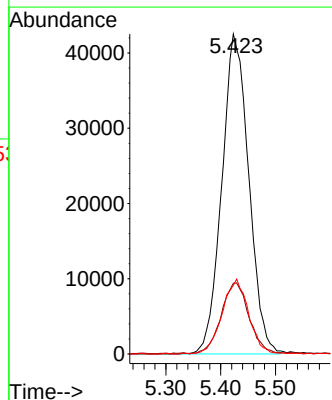
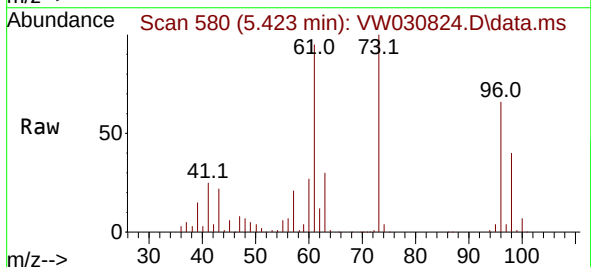
Manual Integrations
APPROVED

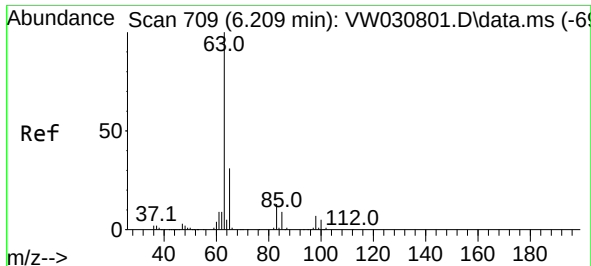
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#18
Methyl tert-butyl Ether
Concen: 16.757 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion: 73 Resp: 145242
Ion Ratio Lower Upper
73 100
43 23.0 18.1 27.1
57 22.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 16.745 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.012 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

A4F35MSD

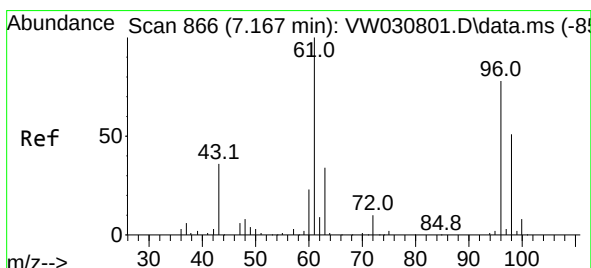
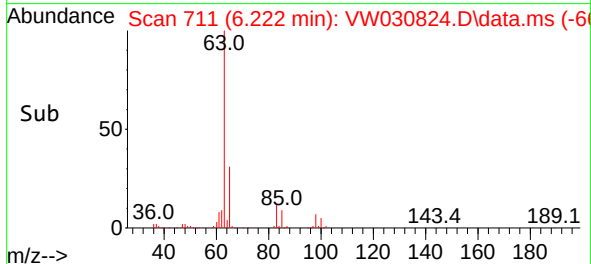
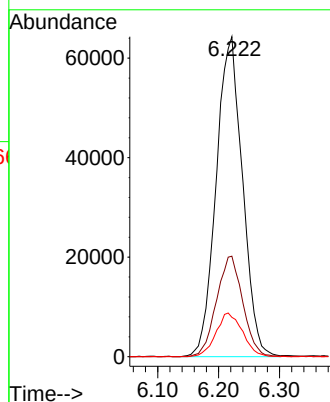
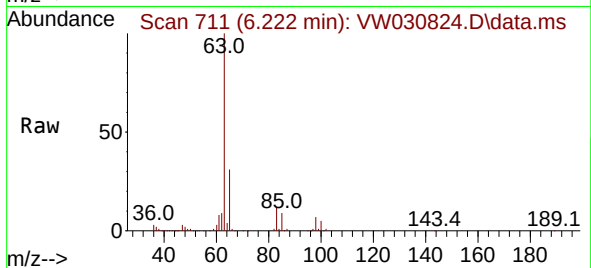
Tgt Ion: 63 Resp: 19273

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.5	41.9
83	12.3	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: 16.061 ug/L

RT: 7.173 min Scan# 867

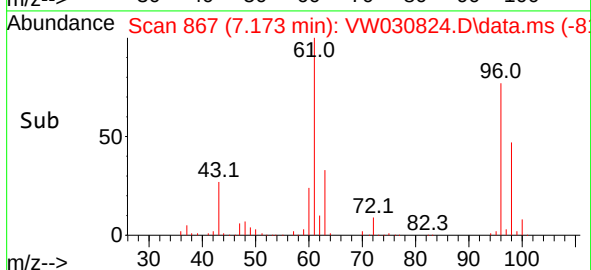
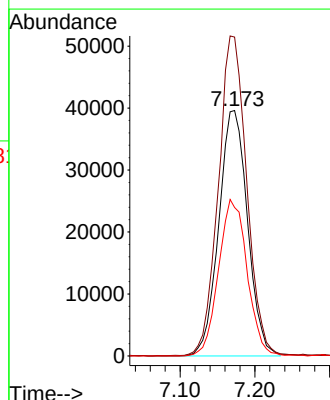
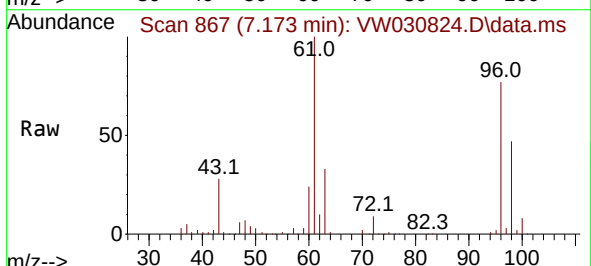
Delta R.T. 0.006 min

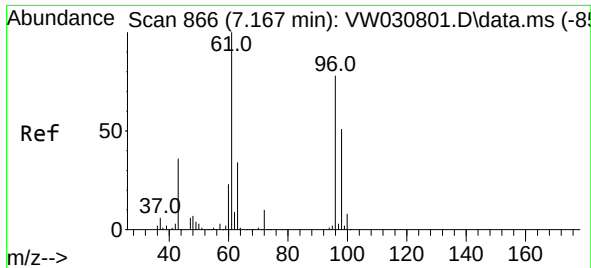
Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Tgt Ion: 96 Resp: 106095

Ion	Ratio	Lower	Upper
96	100		
61	130.0	88.3	163.9
98	60.5	41.3	76.7





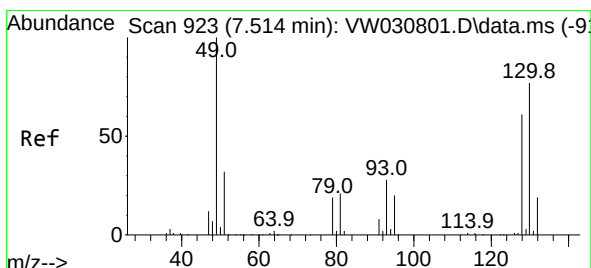
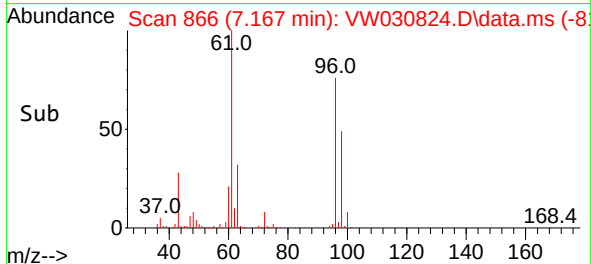
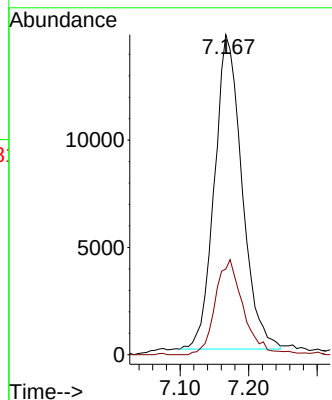
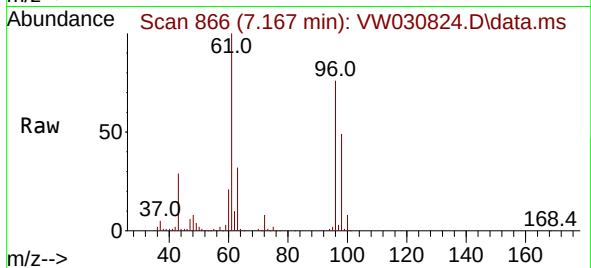
#22
2-Butanone
Concen: 21.390 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD

Tgt Ion: 43 Resp: 4084
Ion Ratio Lower Upper
43 100
72 30.6 14.4 43.0

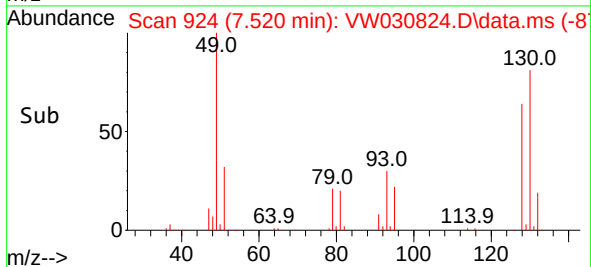
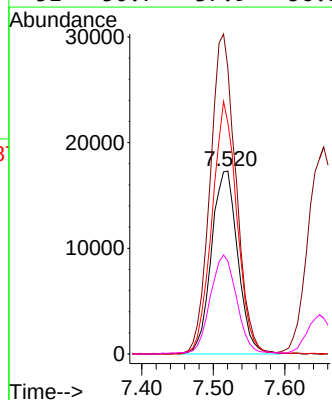
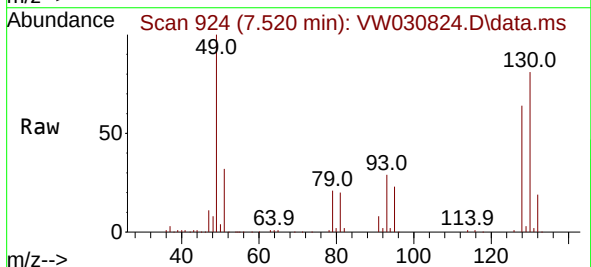
Manual Integrations
APPROVED

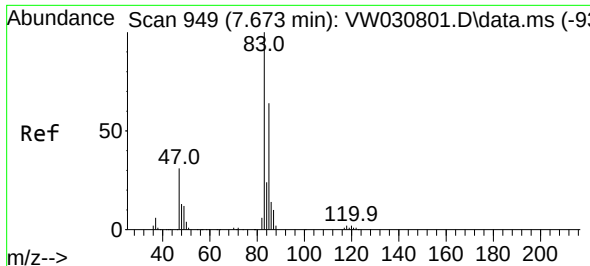
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#23
Bromochloromethane
Concen: 15.326 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

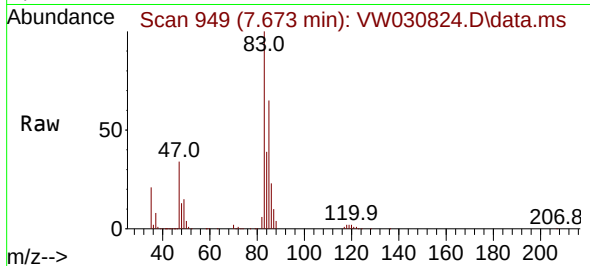
Tgt Ion:128 Resp: 44288
Ion Ratio Lower Upper
128 100
49 156.1 110.1 204.5
130 126.4 82.9 153.9
51 50.7 37.9 56.9





#25
Chloroform
Concen: 16.802 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

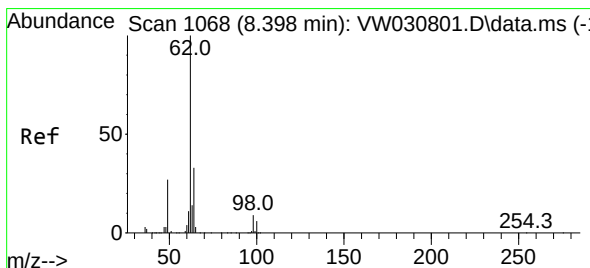
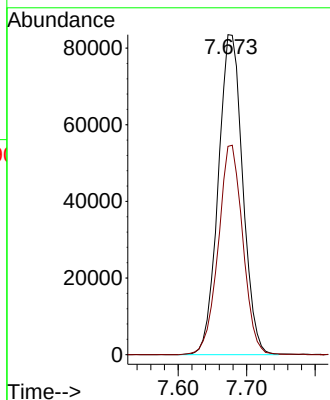
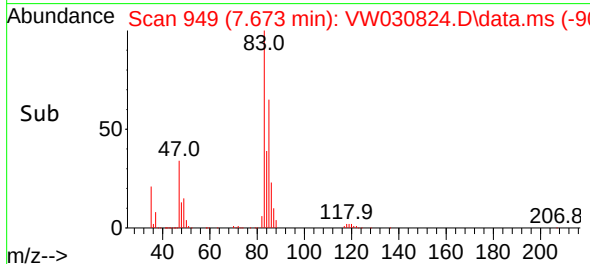
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



Tgt Ion: 83 Resp: 20666
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.7

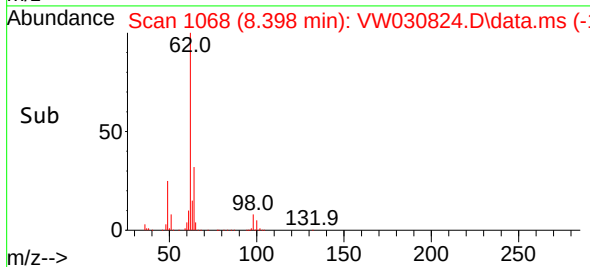
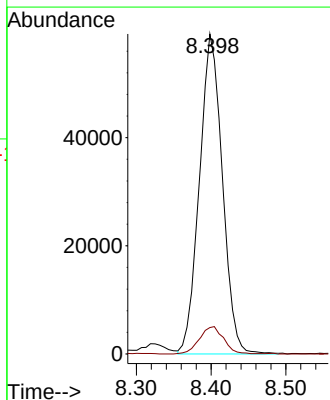
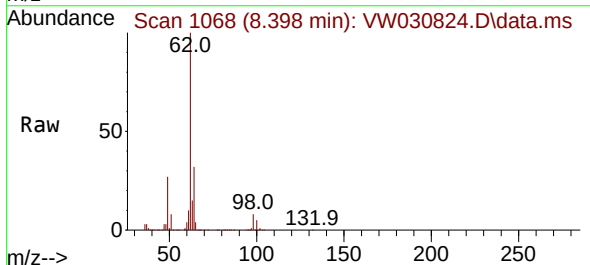
Manual Integrations
APPROVED

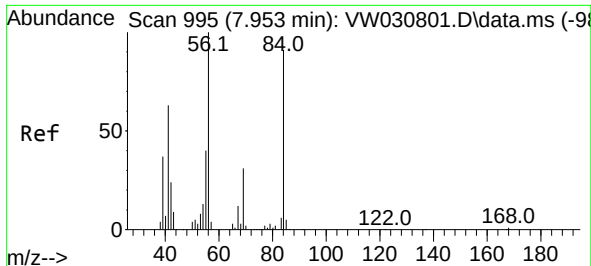
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#27
1,2-Dichloroethane
Concen: 15.562 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion: 62 Resp: 126282
Ion Ratio Lower Upper
62 100
98 8.3 7.0 10.6





#29

Cyclohexane

Concen: 15.014 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

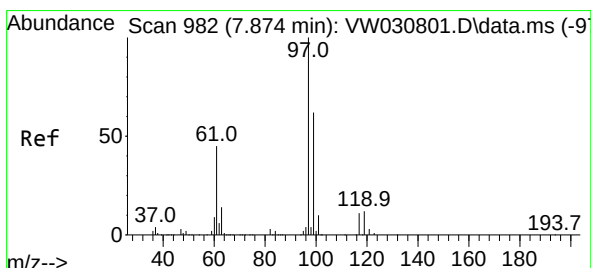
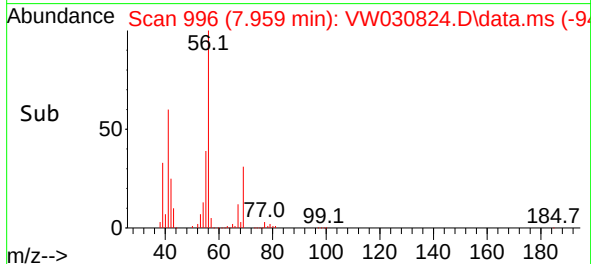
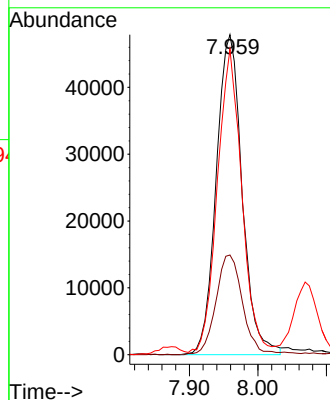
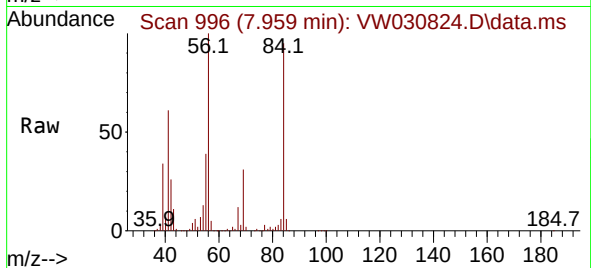
A4F35MSD

Tgt Ion: 56	Resp: 12567
Ion Ratio	Lower Upper
56	100
69	31.3 25.4 38.0
84	90.3 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: 18.173 ug/L

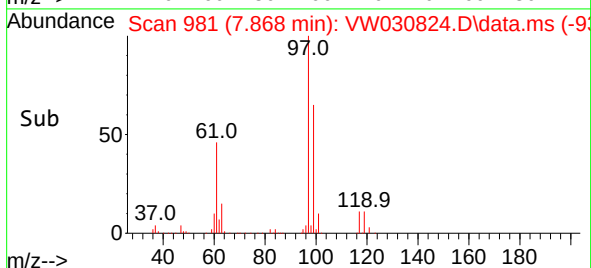
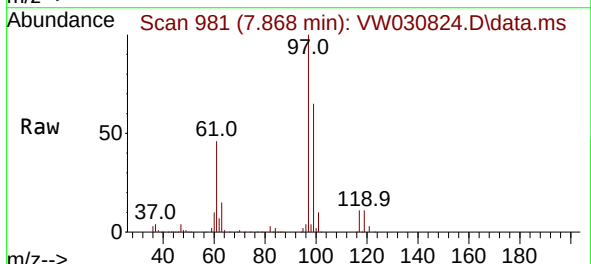
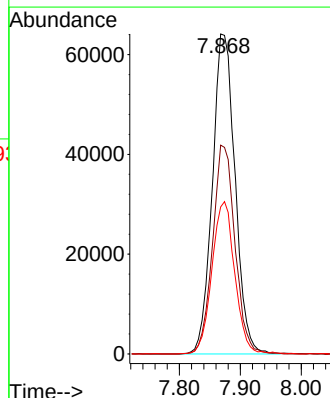
RT: 7.868 min Scan# 981

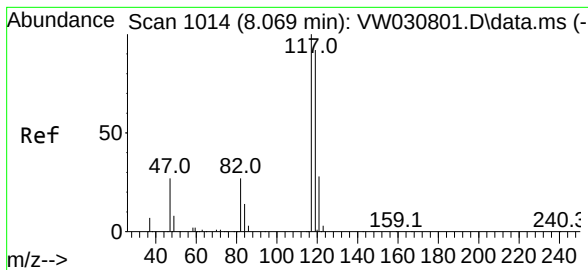
Delta R.T. -0.006 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

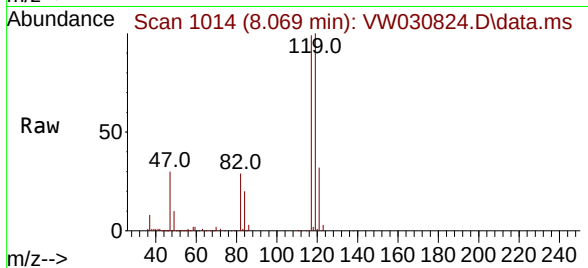
Tgt Ion: 97	Resp: 165877
Ion Ratio	Lower Upper
97	100
99	64.2 52.3 78.5
61	47.9 38.5 57.7





#31
Carbon tetrachloride
Concen: 17.199 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

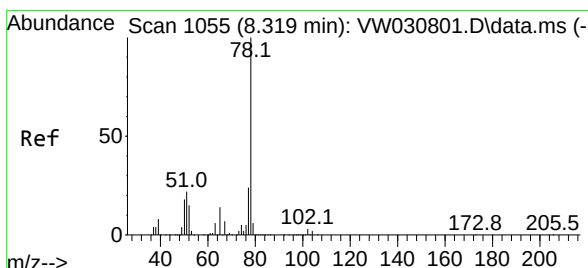
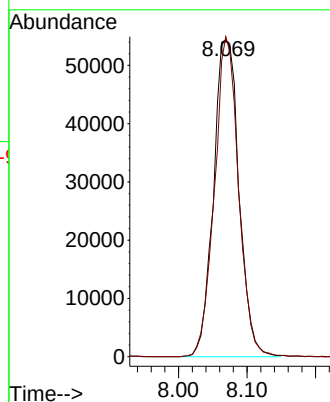
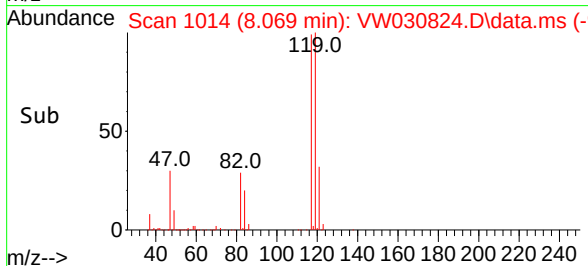
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



Tgt Ion: 117 Resp: 14021
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8

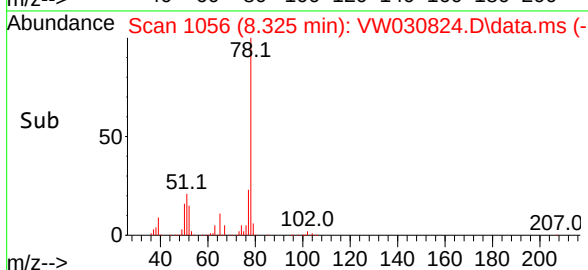
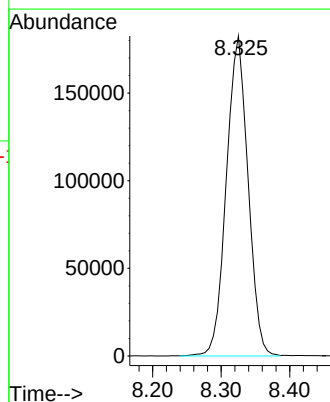
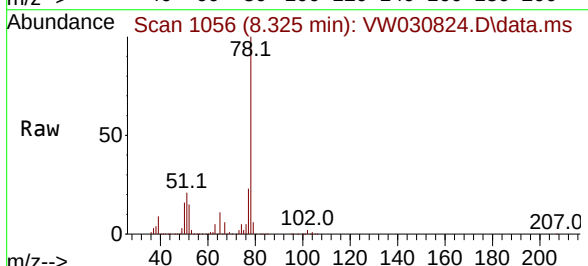
Manual Integrations
APPROVED

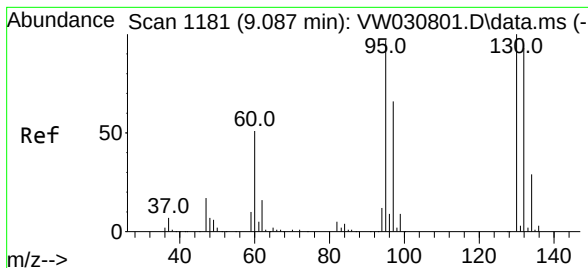
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#33
Benzene
Concen: 17.900 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion: 78 Resp: 400532





#34

Trichloroethene

Concen: 16.388 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030824.D

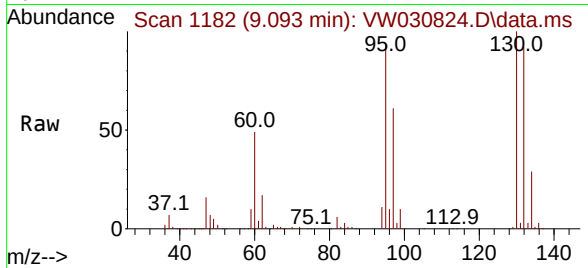
Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

A4F35MSD



Tgt Ion: 95 Resp: 102010

Ion Ratio Lower Upper

95 100

97 65.3 45.9 85.3

132 98.6 66.4 123.2

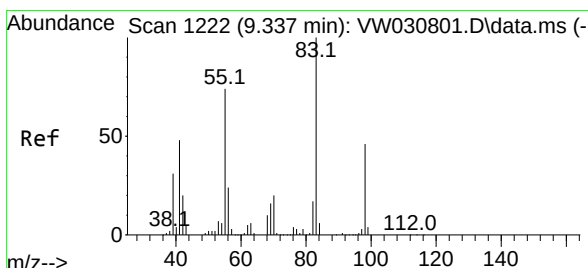
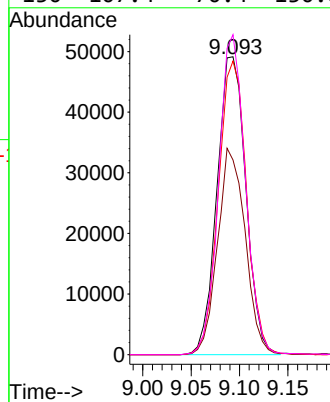
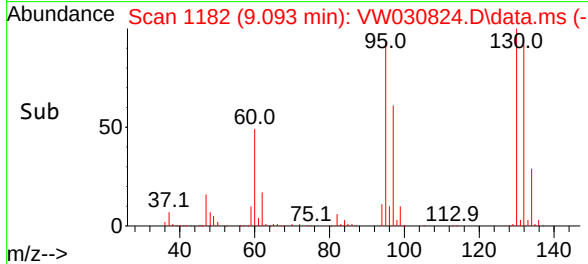
130 107.4 70.4 130.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024

Supervised By :Mahesh Dadoda 10/30/2024



#35

Methylcyclohexane

Concen: 13.191 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

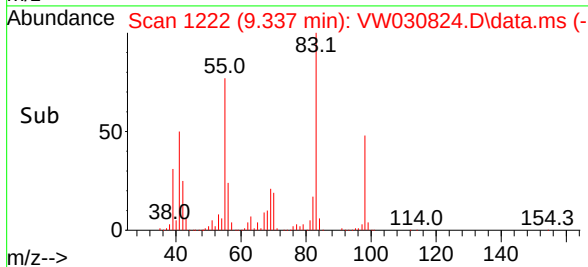
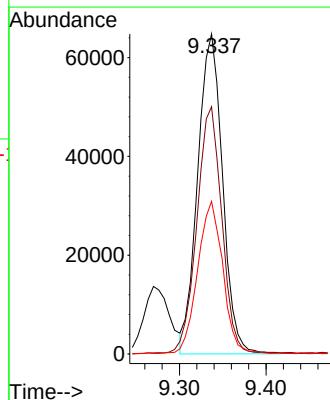
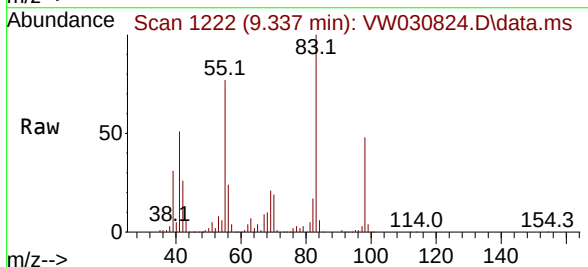
Tgt Ion: 83 Resp: 129233

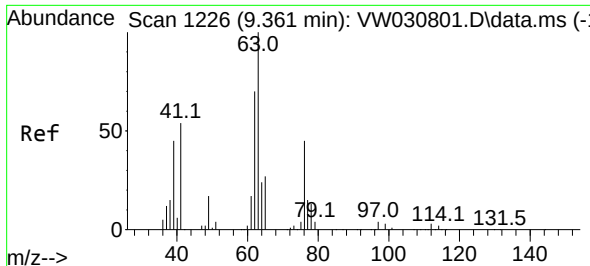
Ion Ratio Lower Upper

83 100

55 76.9 61.8 92.8

98 48.4 39.3 58.9





#37

1,2-Dichloropropane

Concen: 19.139 ug/L

RT: 9.368 min Scan# 112

Delta R.T. 0.006 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

A4F35MSD

Tgt Ion: 63 Resp: 10695

Ion Ratio Lower Upper

63 100

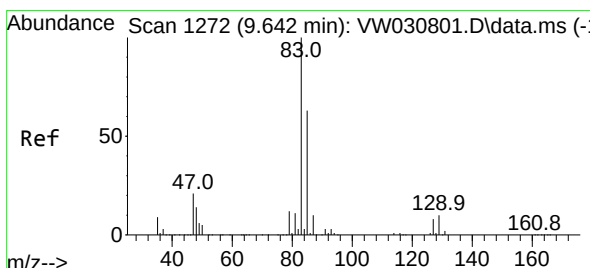
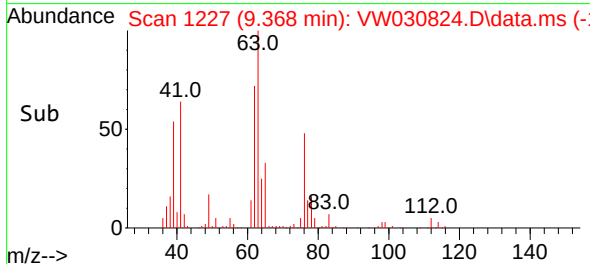
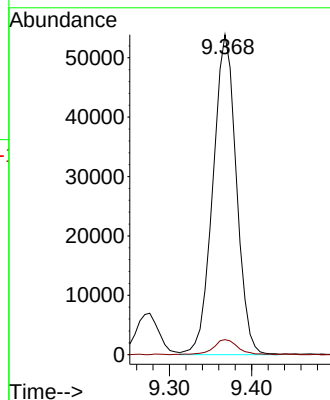
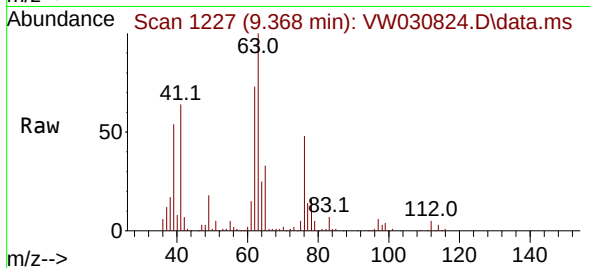
112 4.9 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024

Supervised By :Mahesh Dadoda 10/30/2024



#38

Bromodichloromethane

Concen: 18.691 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

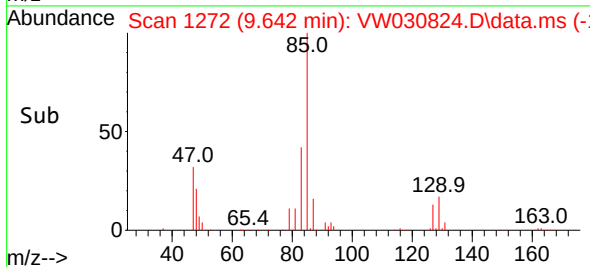
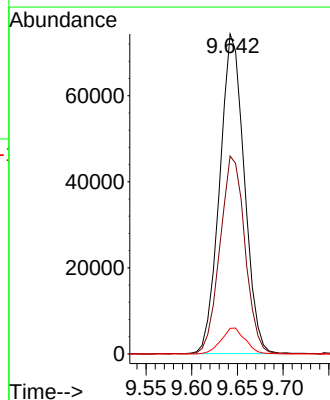
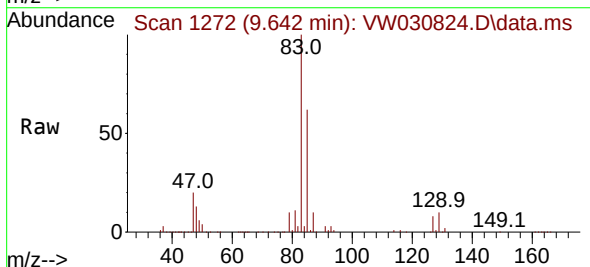
Tgt Ion: 83 Resp: 138978

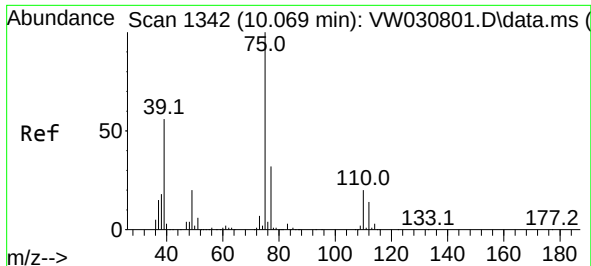
Ion Ratio Lower Upper

83 100

85 61.9 44.2 82.0

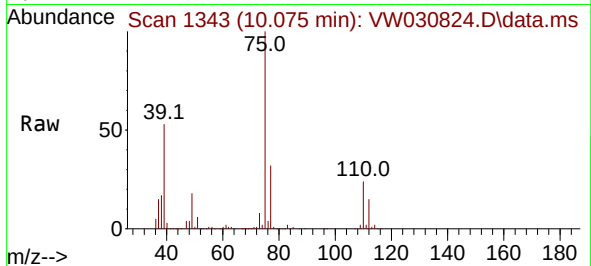
127 8.0 6.2 9.4





#39
 cis-1,3-Dichloropropene
 Concen: 17.533 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

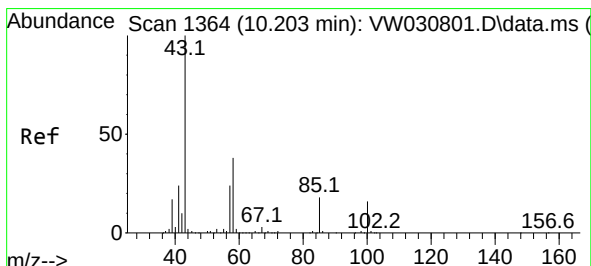
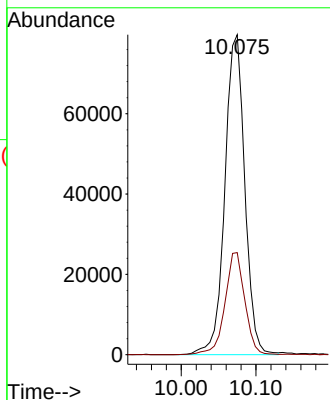
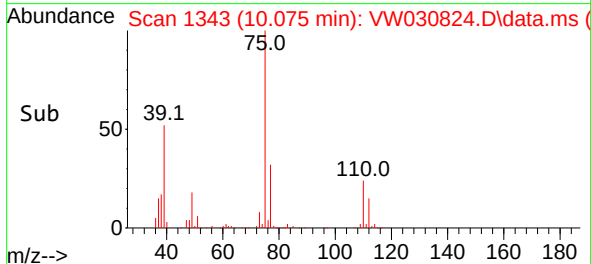
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F35MSD



Tgt Ion: 75 Resp: 147794
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.1 39.1

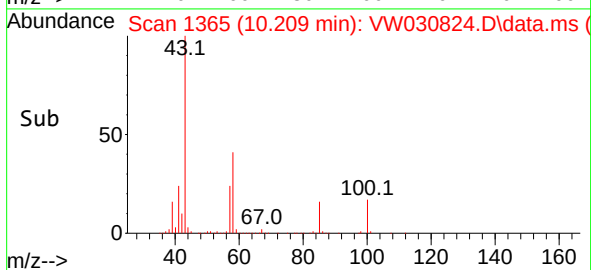
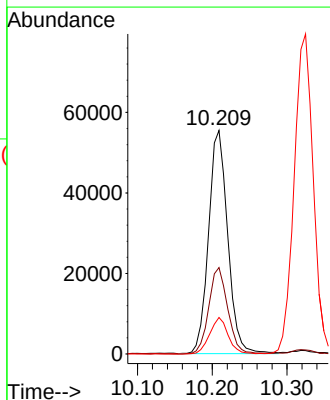
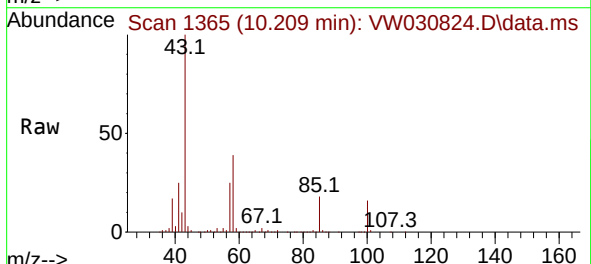
Manual Integrations
 APPROVED

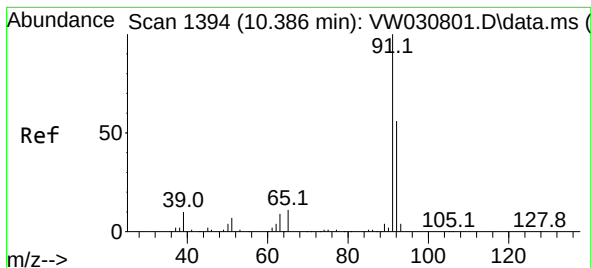
Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024



#40
 4-Methyl-2-pentanone
 Concen: 36.894 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.006 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

Tgt Ion: 43 Resp: 99053
 Ion Ratio Lower Upper
 43 100
 58 38.4 31.4 47.2
 100 15.7 13.1 19.7





#42

Toluene

Concen: 17.652 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

A4F35MSD

Tgt Ion: 91 Resp: 421394

Ion Ratio Lower Upper

91 100

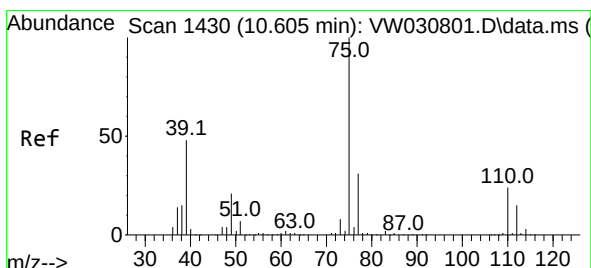
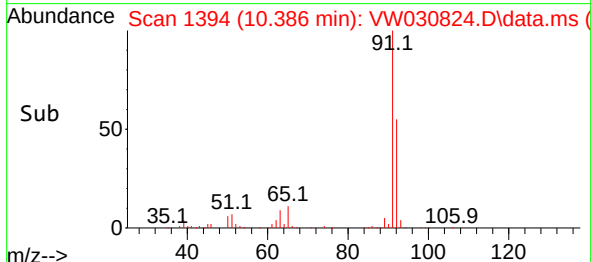
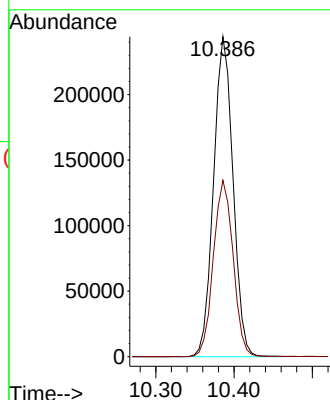
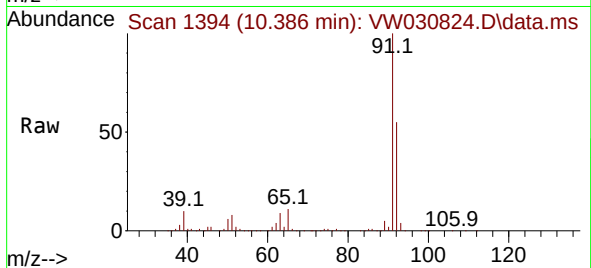
92 55.1 40.3 74.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024

Supervised By :Mahesh Dadoda 10/30/2024



#44

trans-1,3-Dichloropropene

Concen: 16.707 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030824.D

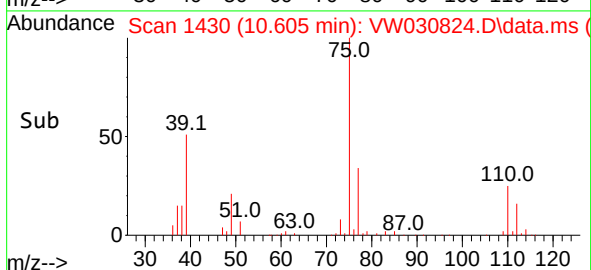
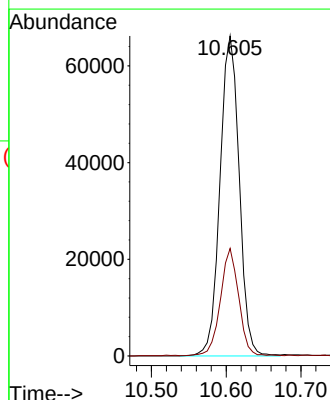
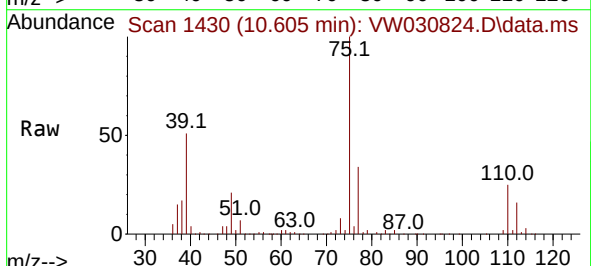
Acq: 29 Oct 2024 23:16

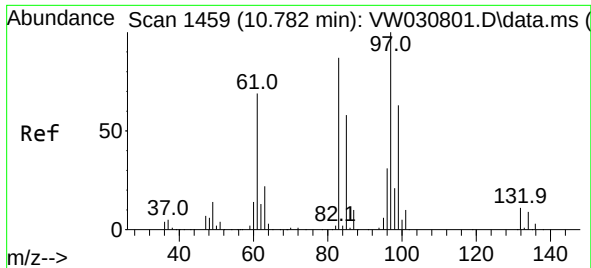
Tgt Ion: 75 Resp: 118348

Ion Ratio Lower Upper

75 100

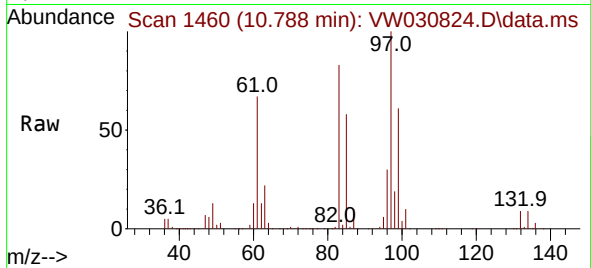
77 33.6 21.6 40.2





#45
1,1,2-Trichloroethane
Concen: 17.870 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

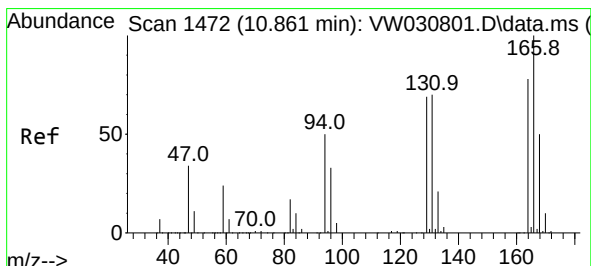
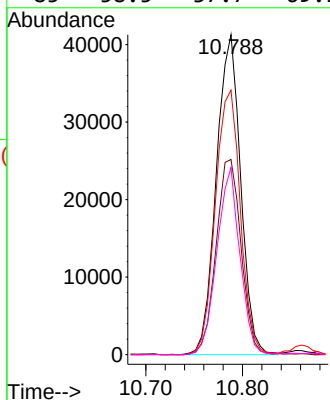
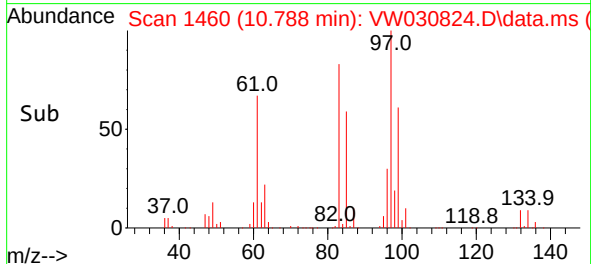
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



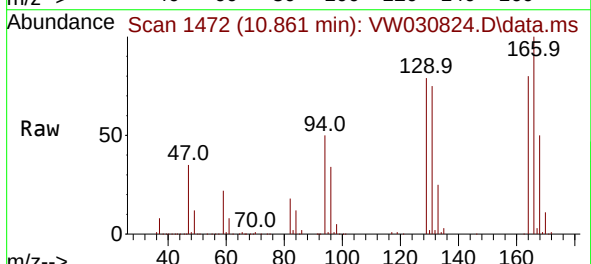
Tgt Ion: 97	Resp: 72170
Ion Ratio	Lower Upper
97 100	
99 61.0	41.2 76.6
83 82.7	59.6 110.6
85 58.5	37.7 69.9

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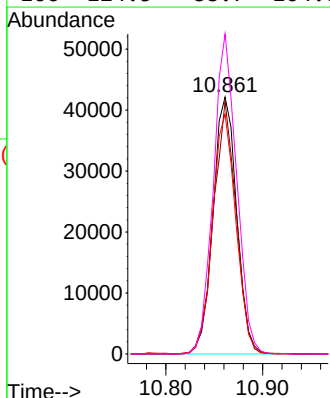
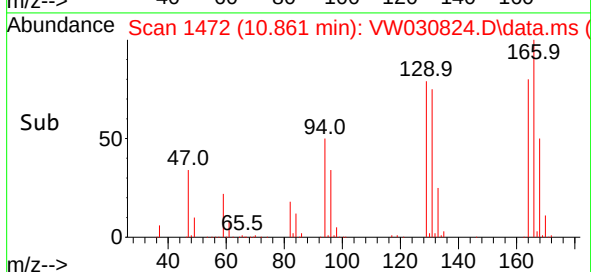
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024

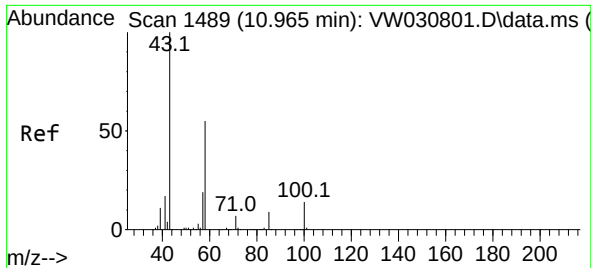


#46
Tetrachloroethene
Concen: 15.536 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16



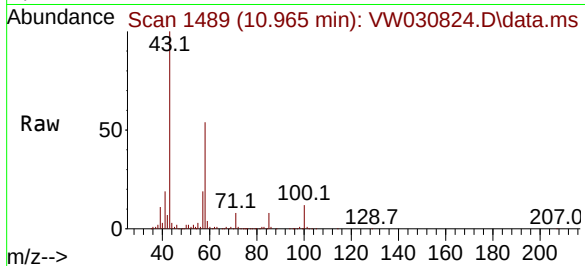
Tgt	Ion:164	Resp:	71330
Ion	Ratio	Lower	Upper
164	100		
129	98.3	66.6	123.6
131	93.3	63.7	118.3
166	124.5	88.7	164.7





#48
2-Hexanone
Concen: 30.922 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

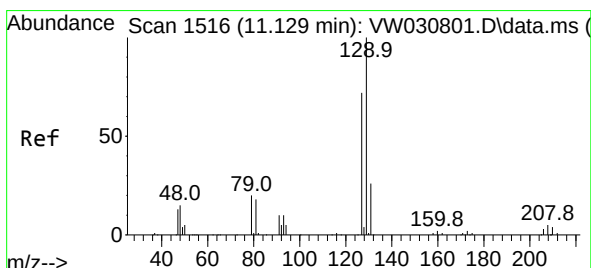
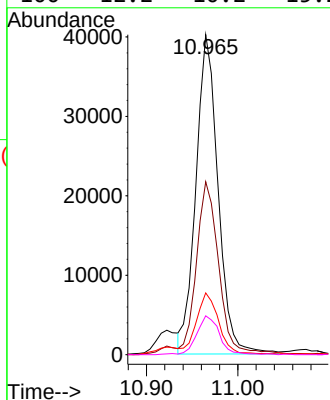
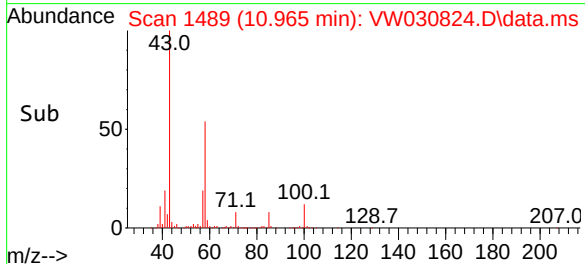
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



Tgt Ion: 43 Resp: 67892
Ion Ratio Lower Upper
43 100
58 54.6 44.6 67.0
57 18.0 15.8 23.8
100 12.2 10.2 15.2

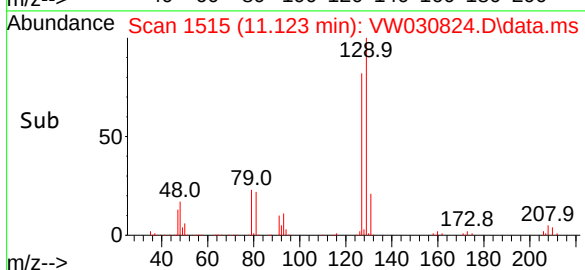
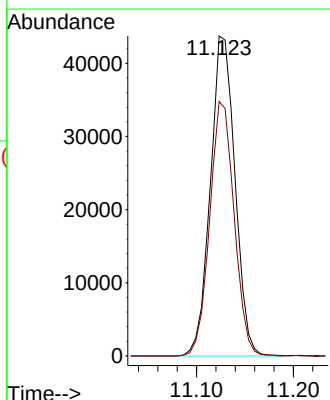
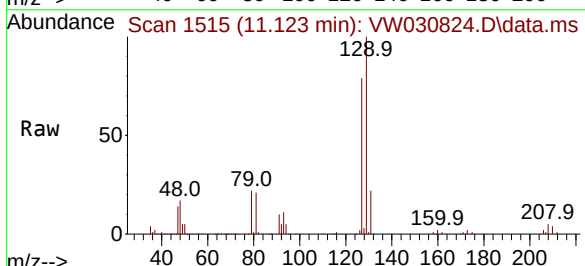
Manual Integrations
APPROVED

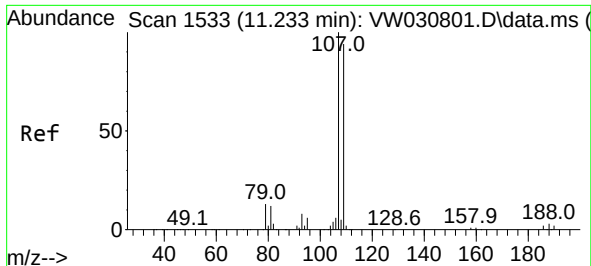
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#49
Dibromochloromethane
Concen: 17.167 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion:129 Resp: 77365
Ion Ratio Lower Upper
129 100
127 79.5 56.5 104.9





#50

1,2-Dibromoethane

Concen: 16.452 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

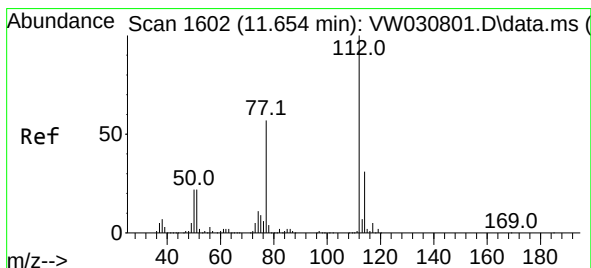
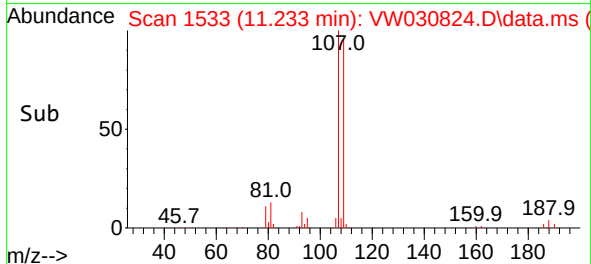
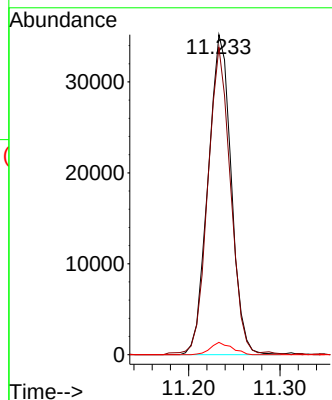
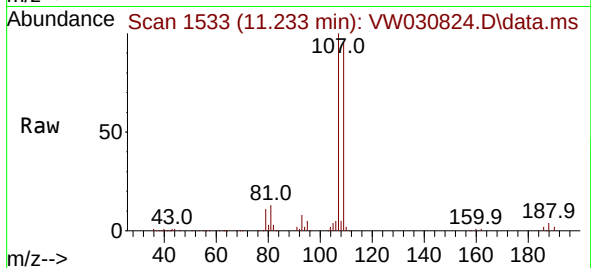
A4F35MSD

Tgt Ion:	107	Resp:	62004
Ion Ratio	Lower	Upper	
107	100		
109	96.1	63.8	118.6
188	3.8	2.6	3.8

Manual Integrations

APPROVED

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



#51

Chlorobenzene

Concen: 16.456 ug/L

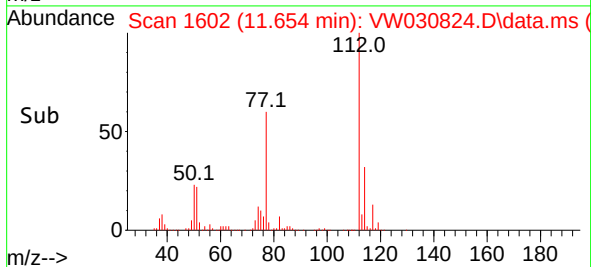
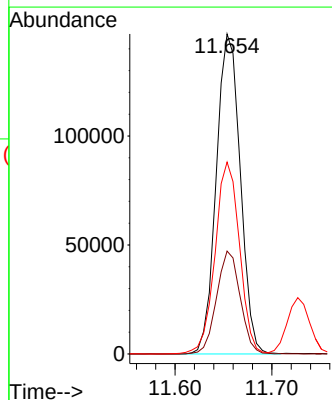
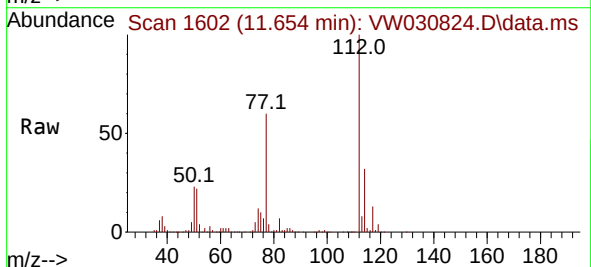
RT: 11.654 min Scan# 1602

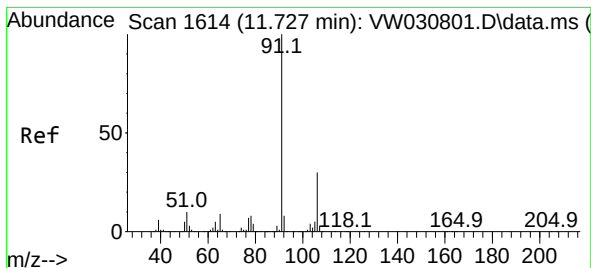
Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

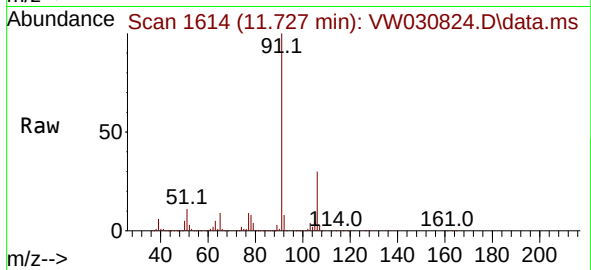
Tgt Ion:	112	Resp:	252879
Ion Ratio	Lower	Upper	
112	100		
114	32.1	22.4	41.6
77	60.0	47.1	70.7





#52
Ethylbenzene
Concen: 16.799 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

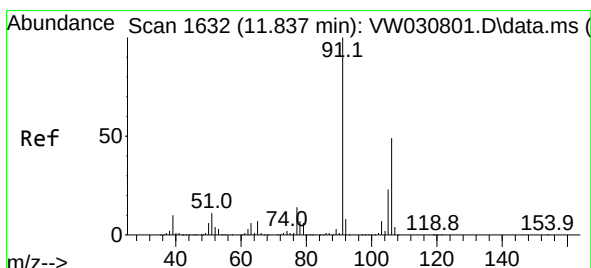
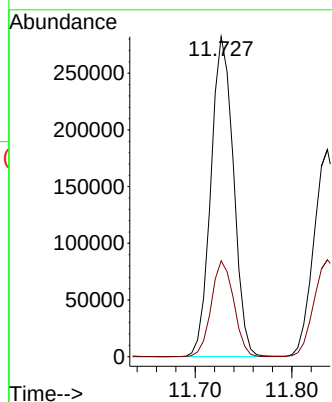
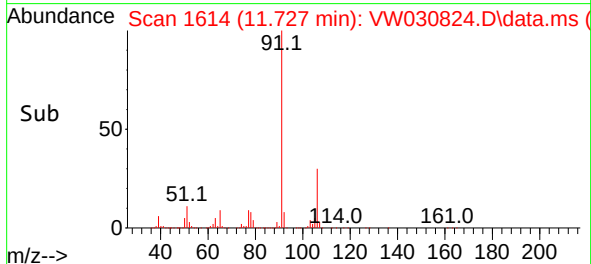
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



Tgt Ion: 91 Resp: 457584
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.1

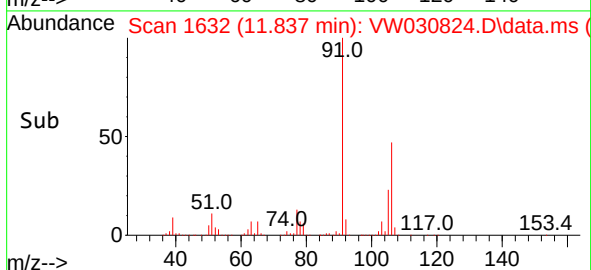
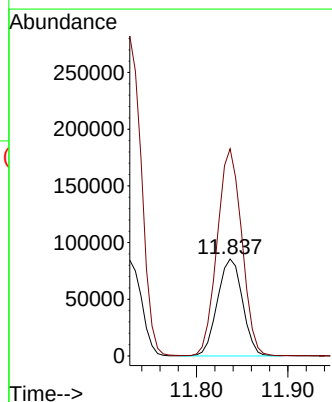
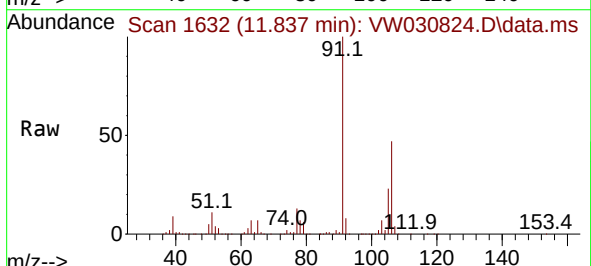
Manual Integrations
APPROVED

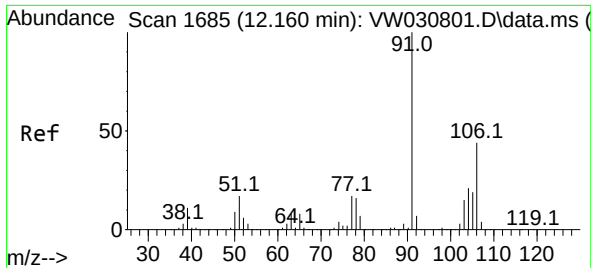
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#53
m,p-Xylene
Concen: 15.988 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion:106 Resp: 163155
Ion Ratio Lower Upper
106 100
91 213.6 140.6 261.2





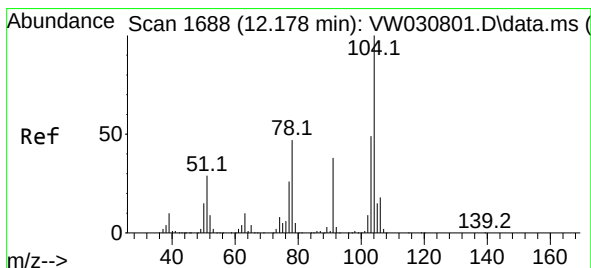
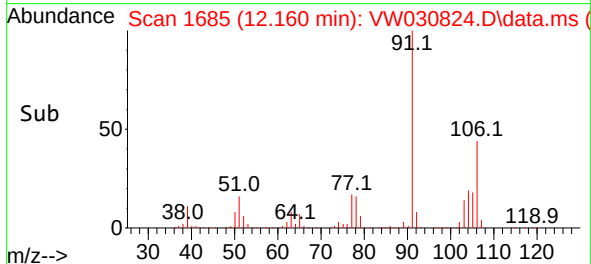
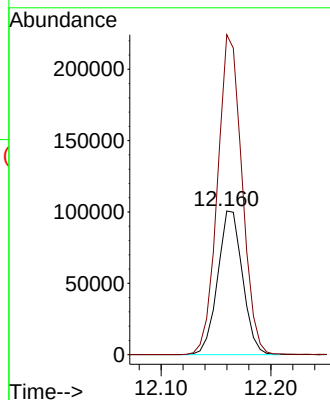
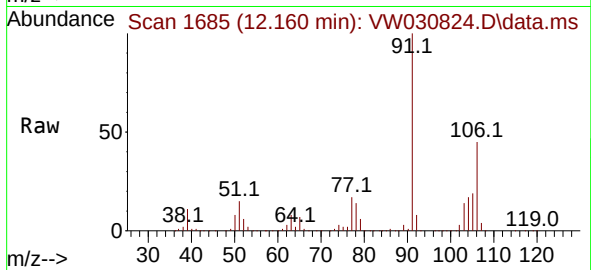
#54
o-Xylene
Concen: 16.825 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD

Tgt Ion:106 Resp: 158733
Ion Ratio Lower Upper
106 100
91 222.8 144.5 268.4

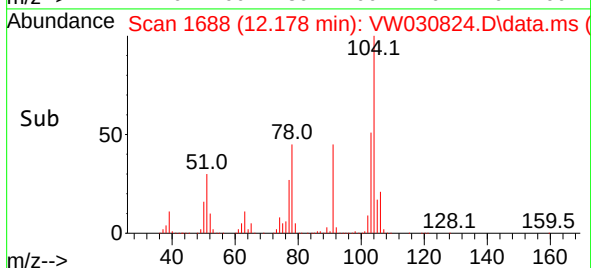
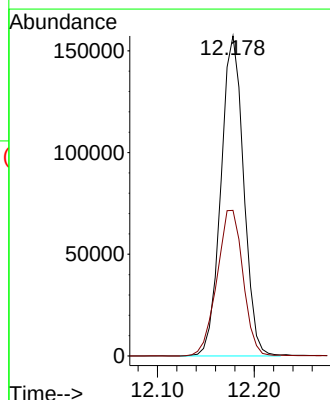
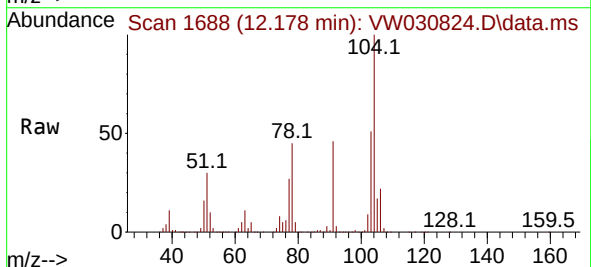
Manual Integrations
APPROVED

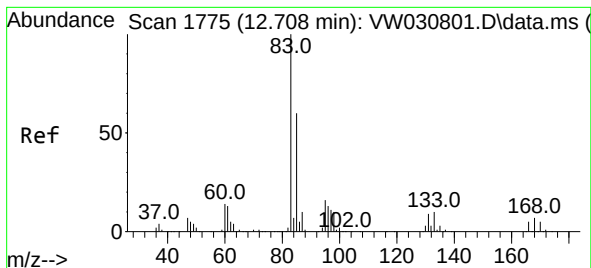
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#55
Styrene
Concen: 15.879 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion:104 Resp: 256109
Ion Ratio Lower Upper
104 100
78 45.5 34.3 63.7





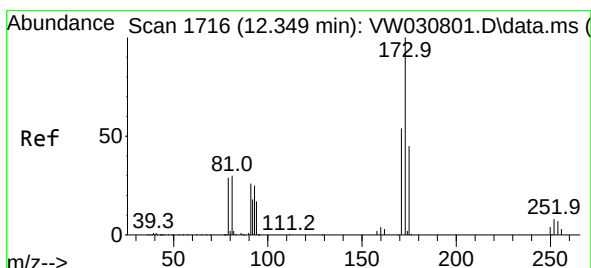
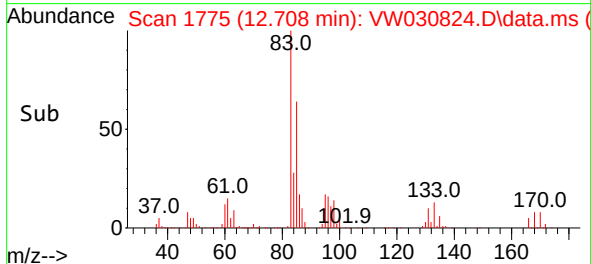
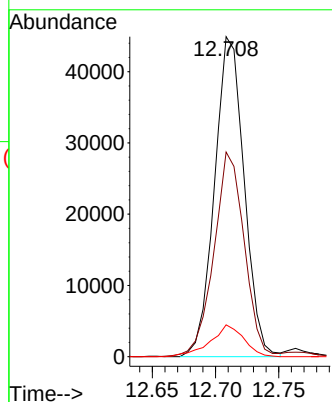
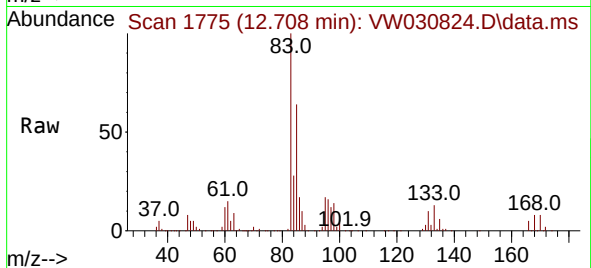
#57
1,1,2,2-Tetrachloroethane
Concen: 16.070 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD

Tgt Ion: 83 Resp: 73194
Ion Ratio Lower Upper
83 100
85 63.9 42.6 79.2
131 9.9 7.4 11.0

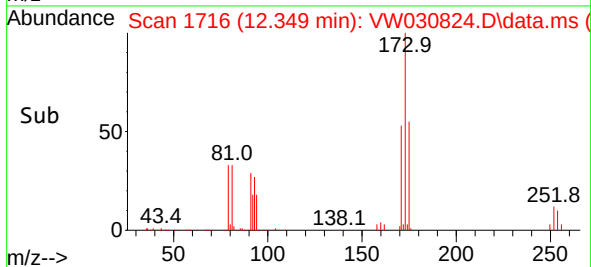
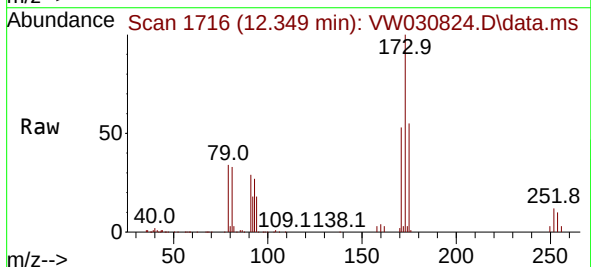
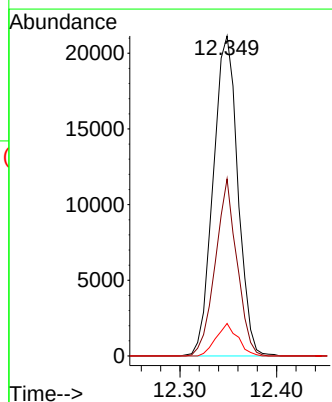
Manual Integrations
APPROVED

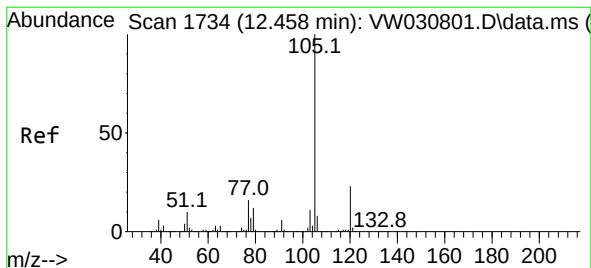
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#59
Bromoform
Concen: 20.475 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion:173 Resp: 37338
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 9.0 7.7 11.5





#60

Isopropylbenzene

Concen: 20.738 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

A4F35MSD

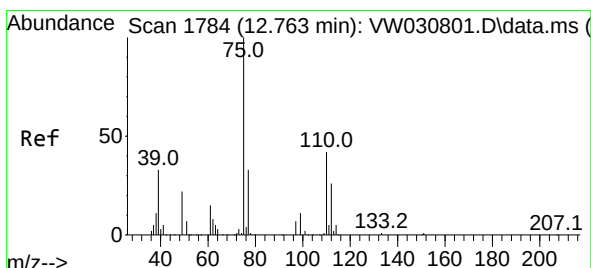
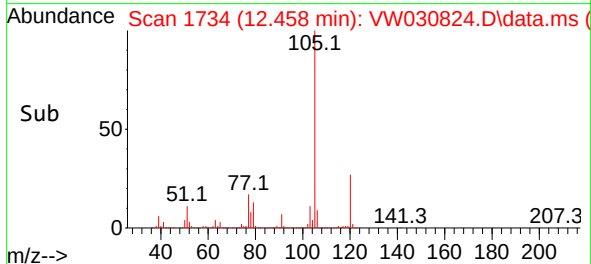
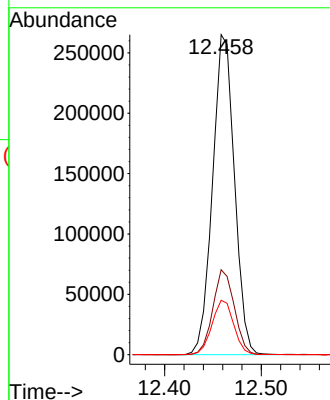
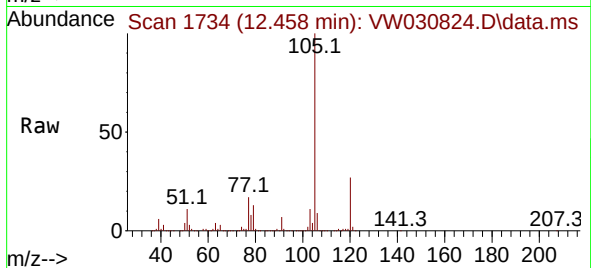
Tgt Ion:105 Resp: 416850

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.6	31.0
77	17.0	13.4	20.0

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



#61

1,2,3-Trichloropropane

Concen: 21.010 ug/L

RT: 12.763 min Scan# 1784

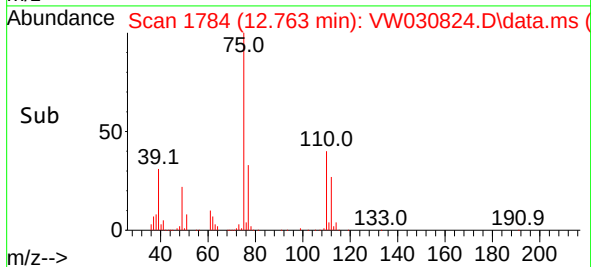
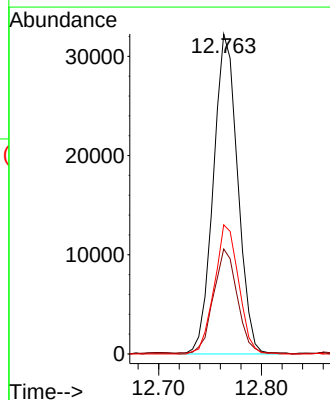
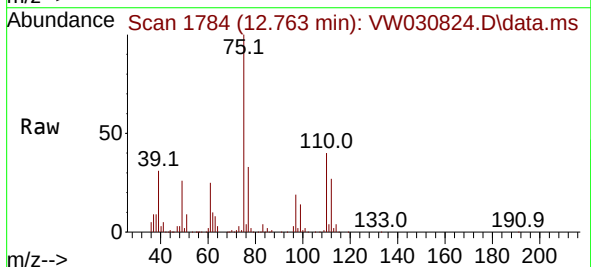
Delta R.T. 0.000 min

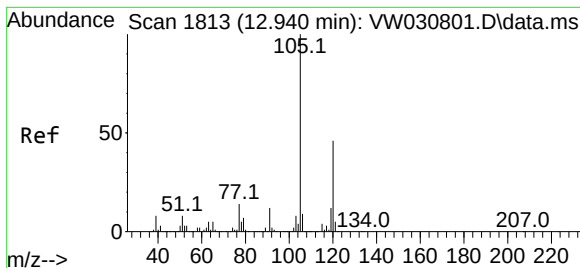
Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Tgt Ion: 75 Resp: 53066

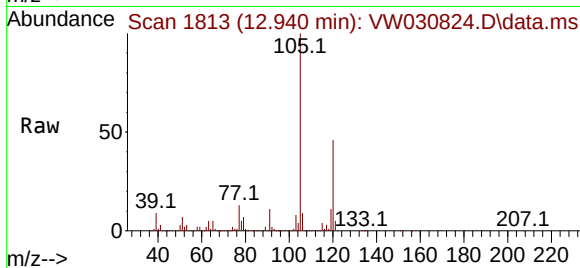
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.7	38.5
110	40.3	32.3	48.5





#62
1,3,5-Trimethylbenzene
Concen: 19.520 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

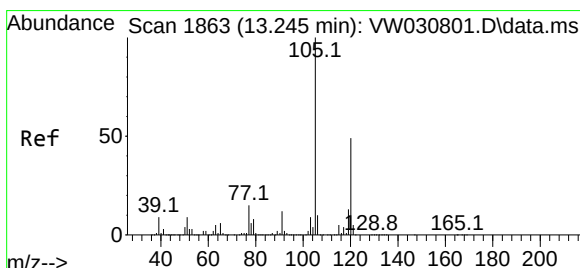
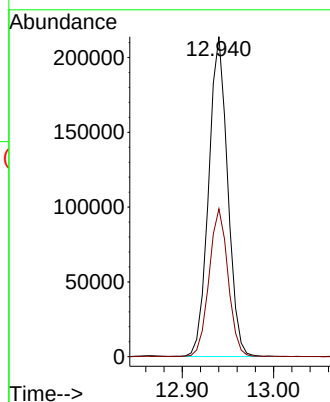
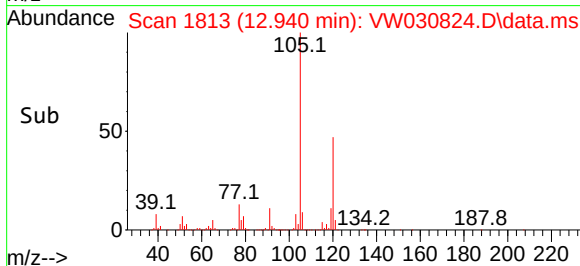
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



Tgt Ion:105 Resp: 30954
Ion Ratio Lower Upper
105 100
120 46.2 38.0 57.0

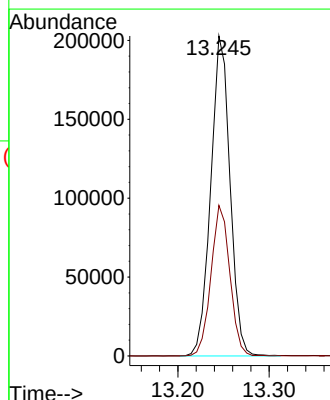
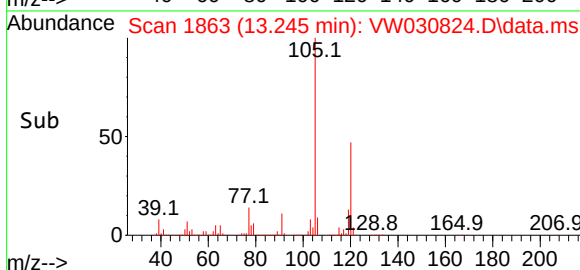
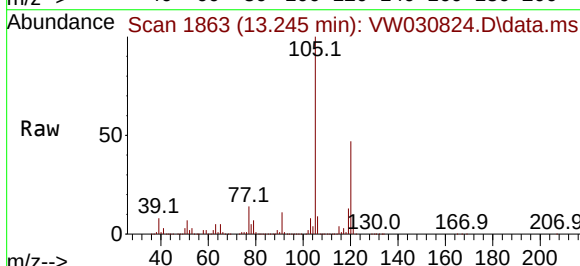
Manual Integrations
APPROVED

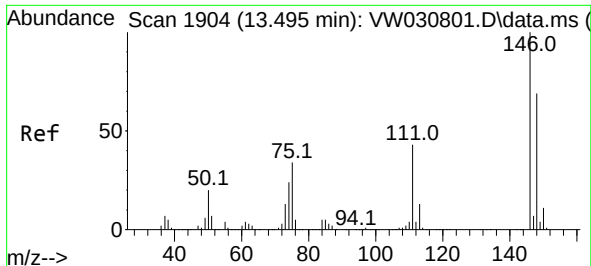
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#63
1,2,4-Trimethylbenzene
Concen: 19.134 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

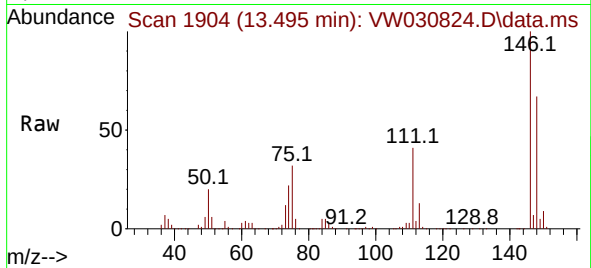
Tgt Ion:105 Resp: 297094
Ion Ratio Lower Upper
105 100
120 45.9 35.8 53.6





#64
1,3-Dichlorobenzene
Concen: 16.596 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

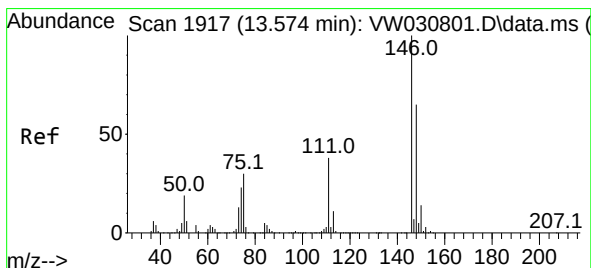
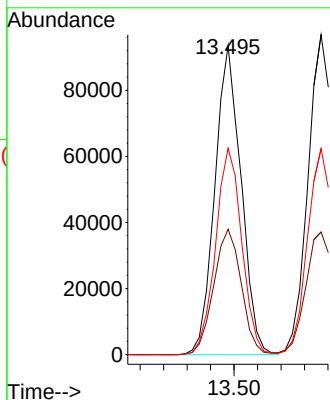
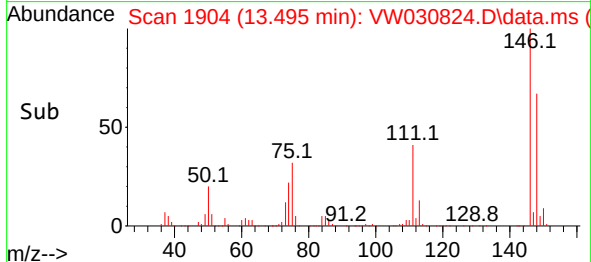
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



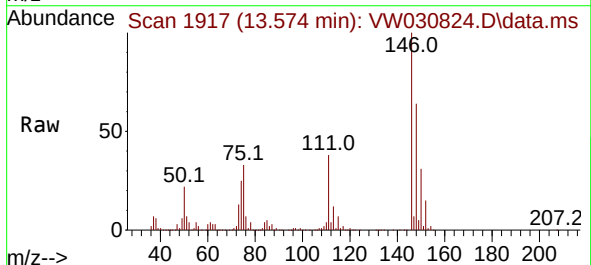
Tgt Ion:146 Resp: 145207
Ion Ratio Lower Upper
146 100
111 40.6 31.2 58.0
148 66.8 45.7 84.9

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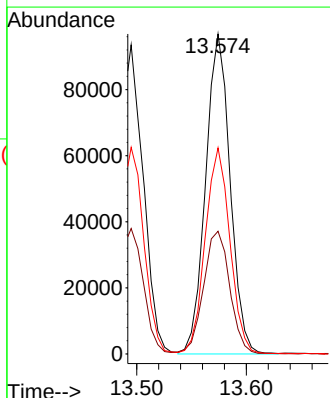
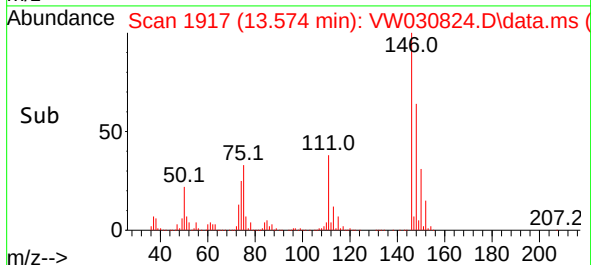
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024

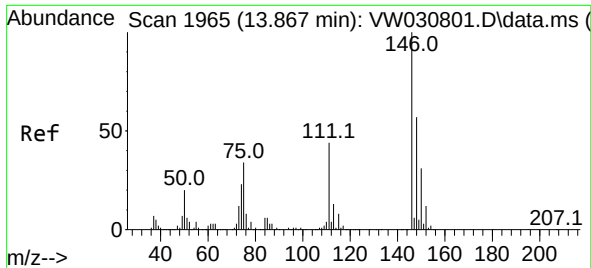


#65
1,4-Dichlorobenzene
Concen: 16.645 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16



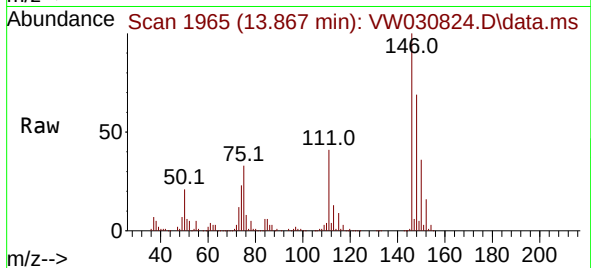
Tgt Ion:146 Resp: 150371
Ion Ratio Lower Upper
146 100
111 38.4 26.8 49.8
148 64.4 41.0 76.2





#67
1,2-Dichlorobenzene
Concen: 15.955 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

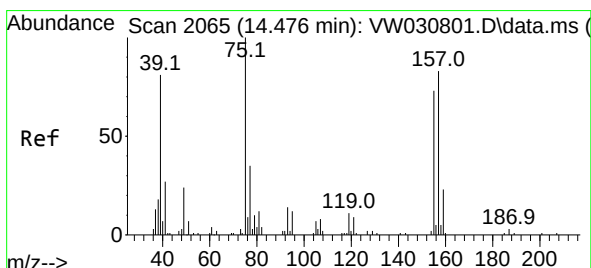
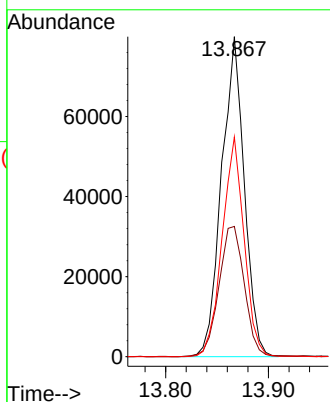
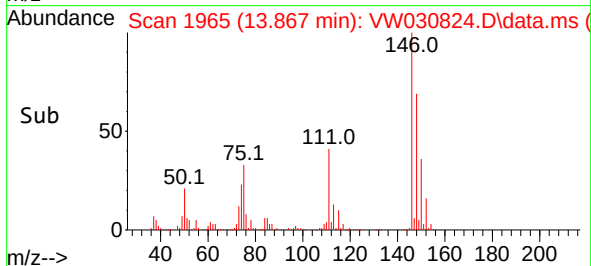
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



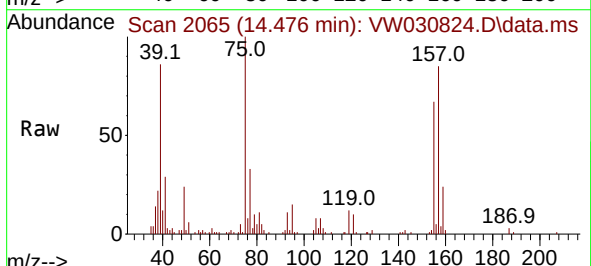
Tgt Ion:146 Resp: 12284
Ion Ratio Lower Upper
146 100
111 40.7 34.6 52.0
148 68.7 53.3 79.9

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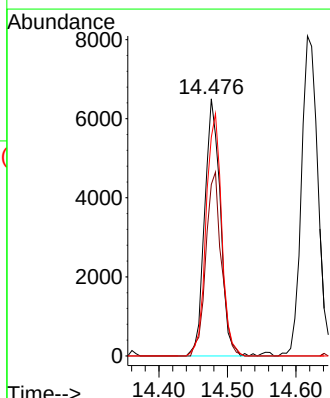
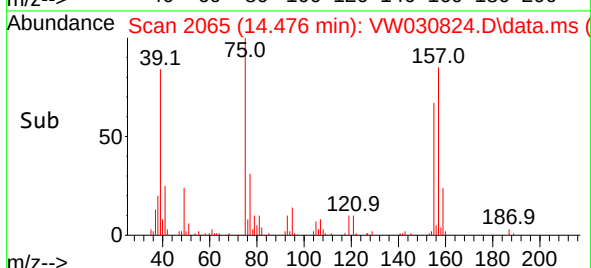
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024

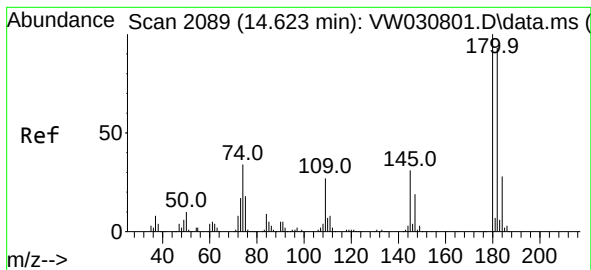


#68
1,2-Dibromo-3-chloropropane
Concen: 18.552 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16



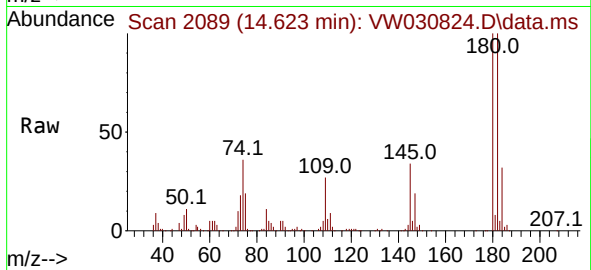
Tgt Ion: 75 Resp: 10448
Ion Ratio Lower Upper
75 100
155 66.7 57.9 86.9
157 85.1 69.0 103.6





#69
1,3,5-Trichlorobenzene
Concen: 11.152 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

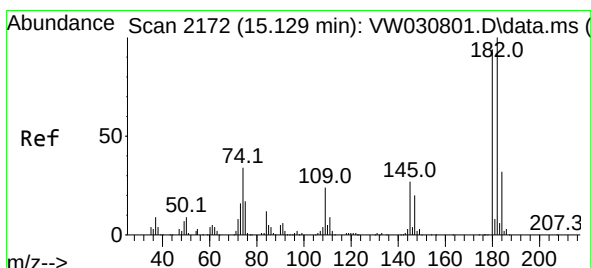
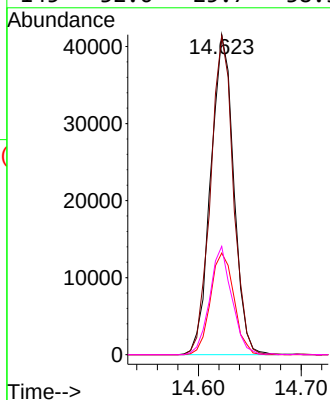
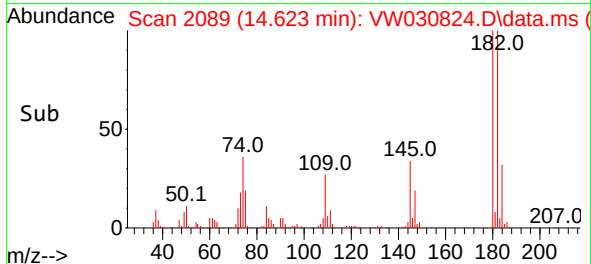
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



Tgt Ion:180 Resp: 6434
Ion Ratio Lower Upper
180 100
182 98.6 79.9 119.9
184 32.5 25.2 37.8
145 32.6 25.7 38.5

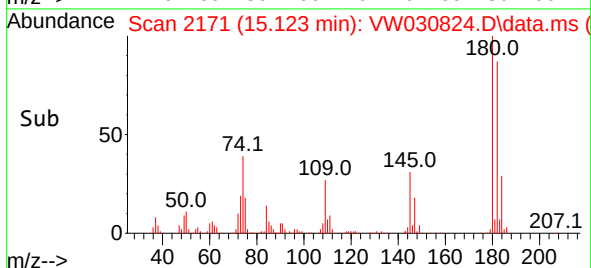
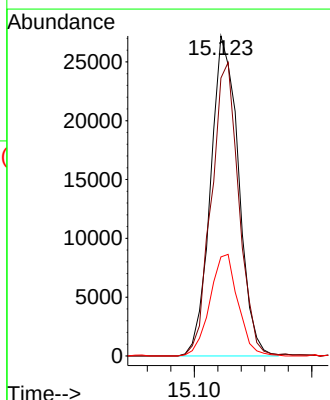
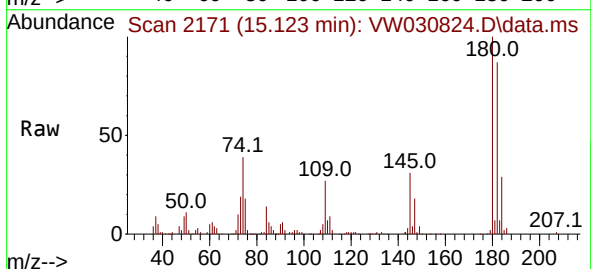
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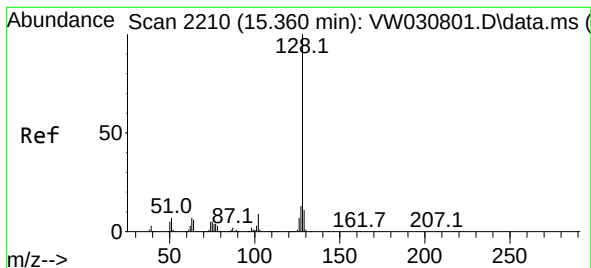
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#70
1,2,4-trichlorobenzene
Concen: 9.688 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

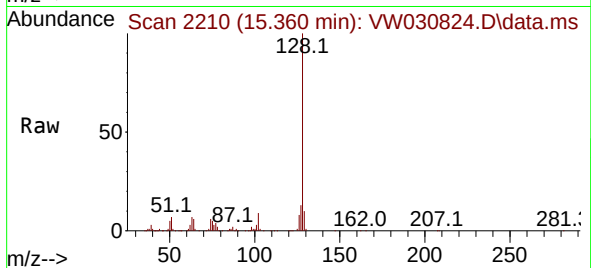
Tgt Ion:180 Resp: 45000
Ion Ratio Lower Upper
180 100
182 89.9 75.2 112.8
145 31.9 25.4 38.2





#71
Naphthalene
Concen: 12.598 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

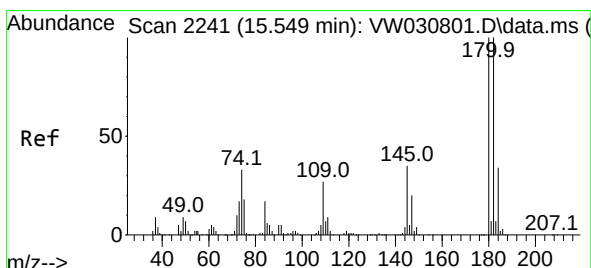
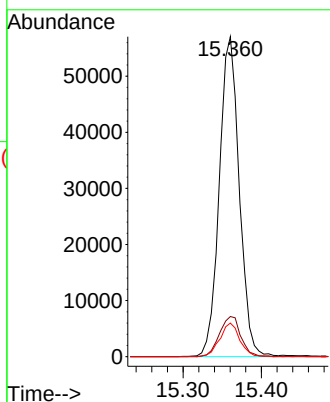
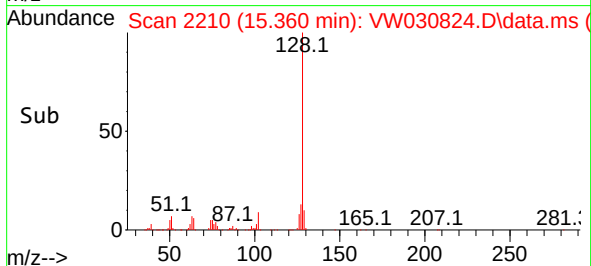
Instrument :
MSVOA_W
ClientSampleId :
A4F35MSD



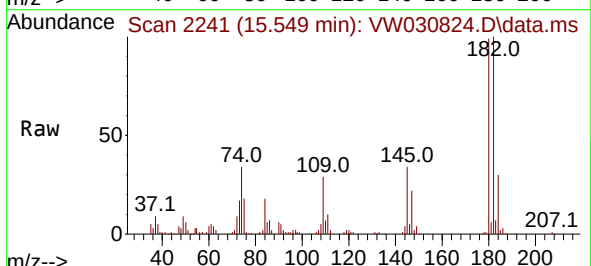
Tgt Ion:128 Resp: 101092
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 10.5 8.8 13.2

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



#72
1,2,3-Trichlorobenzene
Concen: 9.183 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16



Tgt Ion:180 Resp: 36975
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 33.0 27.4 41.2

