

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031452.D
 Acq On : 21 Dec 2024 01:51
 Operator : SY/MD
 Sample : P5331-02MS
 Misc : 5.62g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E2AQ1MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024

Quant Time: Dec 21 02:58:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	601637	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	459774	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	165080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	187849	20.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.893	69	152876	22.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.320%
11) 1,1-Dichloroethene-d2	4.015	65	77102	17.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.840%
21) 2-Butanone-d5	7.094	46	52540	30.819	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.640%
24) Chloroform-d	7.648	84	330120	20.026	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.120%
26) 1,2-Dichloroethane-d4	8.307	65	193771	23.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.640%
32) Benzene-d6	8.270	84	614183	20.842	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.360%
36) 1,2-Dichloropropane-d6	9.270	67	197440	22.989	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.960%
41) Toluene-d8	10.319	98	492649	17.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.880%
43) trans-1,3-Dichloroprop...	10.575	79	57156	14.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.720%
47) 2-Hexanone-d5	10.922	63	39972	34.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144045	26.712	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	116675	19.038	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	76397	14.050	ug/L	98
3) Chloromethane	2.216	50	89022	14.574	ug/L	97
5) Vinyl chloride	2.369	62	138008	16.303	ug/L	97
6) Bromomethane	2.790	94	62169	11.945	ug/L	98
8) Chloroethane	2.936	64	93179	18.509	ug/L	97
9) Trichlorofluoromethane	3.259	101	134007	14.860	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	105874	14.539	ug/L	94
12) 1,1-Dichloroethene	4.039	96	104915	14.225	ug/L	93
13) Acetone	4.173	43	66482	28.002	ug/L #	100
14) Carbon disulfide	4.381	76	224315	9.325	ug/L	100
15) Methyl Acetate	4.686	43	27486m	10.193	ug/L	
16) Methylene chloride	4.917	84	137274	18.134	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	114301	14.377	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	279741	21.047	ug/L	99
19) 1,1-Dichloroethane	6.216	63	244277	16.442	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	137581	15.995	ug/L	99
22) 2-Butanone	7.185	43	95658	33.253	ug/L	95
23) Bromochloromethane	7.514	128	66811	19.475	ug/L	94
25) Chloroform	7.673	83	252683	17.233	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	182742	19.824	ug/L	100
29) Cyclohexane	7.953	56	149088	11.957	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	179038	15.066	ug/L	98
31) Carbon tetrachloride	8.063	117	136664	12.908	ug/L	99
33) Benzene	8.325	78	480262	16.903	ug/L	100
34) Trichloroethene	9.087	95	115657	14.418	ug/L	92
35) Methylcyclohexane	9.331	83	140826	10.081	ug/L	99
37) 1,2-Dichloropropane	9.368	63	136972	19.324	ug/L	100
38) Bromodichloromethane	9.642	83	159911	17.354	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	149034	12.443	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	164750	43.810	ug/L	98
42) Toluene	10.386	91	453021	14.645	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	131407	13.436	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	107356	22.771	ug/L	97
46) Tetrachloroethene	10.861	164	64803	11.029	ug/L	94
48) 2-Hexanone	10.965	43	115629	36.153	ug/L	94
49) Dibromochloromethane	11.123	129	95602	17.107	ug/L	98
50) 1,2-Dibromoethane	11.233	107	89248	19.983	ug/L	97
51) Chlorobenzene	11.654	112	269211	13.880	ug/L	99
52) Ethylbenzene	11.727	91	420924	11.741	ug/L	99
53) m,p-Xylene	11.837	106	160524	11.761	ug/L	97
54) o-Xylene	12.160	106	168508	13.100	ug/L	96
55) Styrene	12.178	104	272978	12.758	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	117951	23.208	ug/L	97
59) Bromoform	12.343	173	47541	20.500	ug/L	97
60) Isopropylbenzene	12.459	105	347871	12.877	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90363	31.989	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	287940	12.572	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	293415	13.255	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	153974	14.068	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	161277	14.872	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	148954	15.795	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	16946	23.640	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	72245	9.425	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	64719	10.149	ug/L	94
71) Naphthalene	15.354	128	183703	16.432	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	54300	10.569	ug/L	97

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

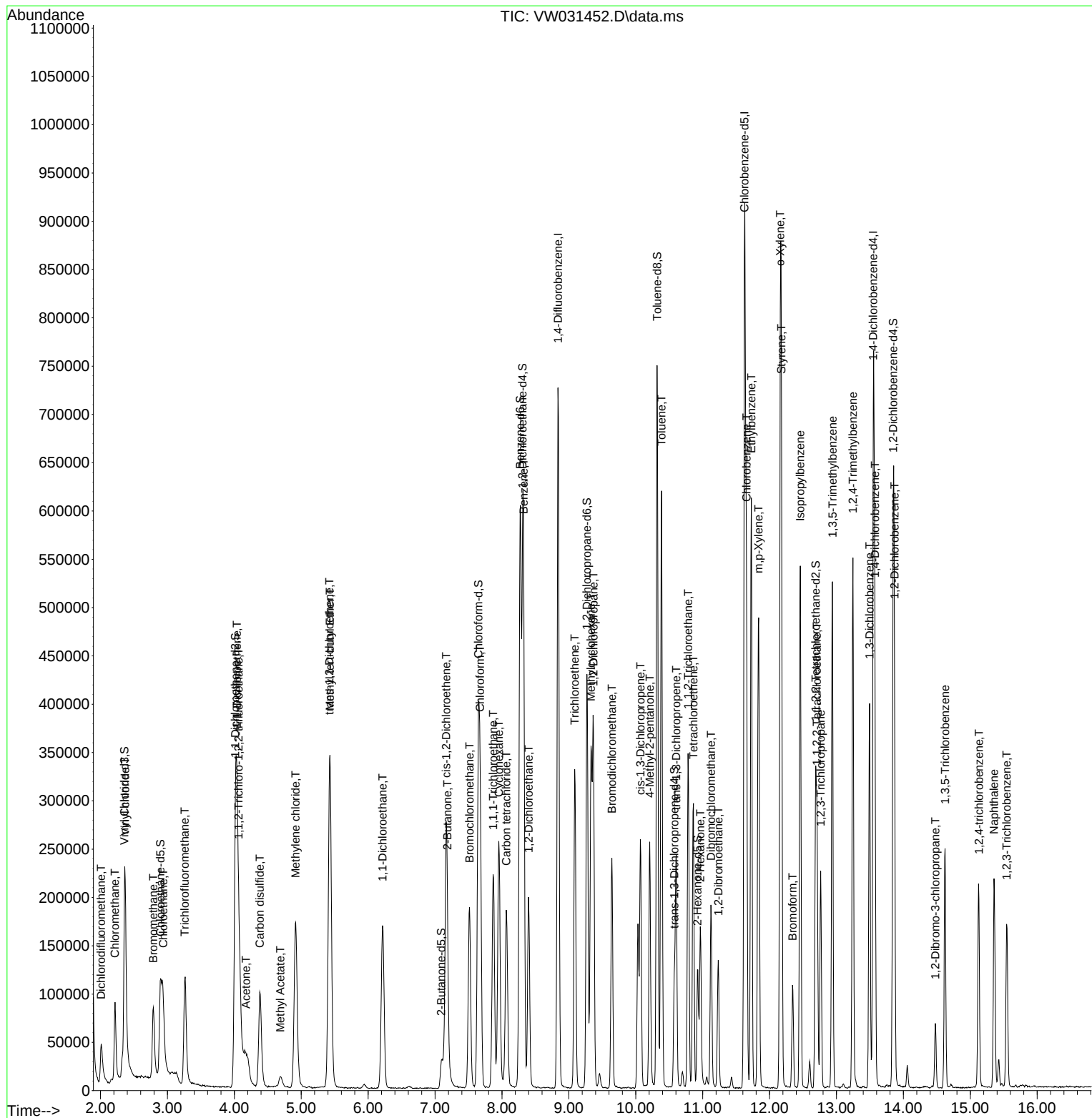
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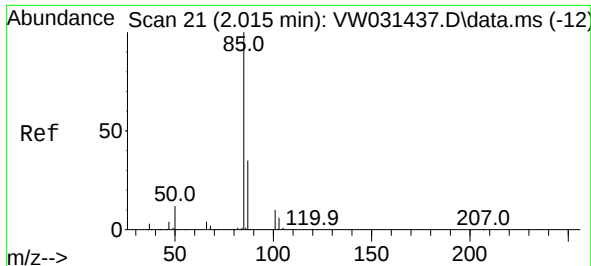
Instrument :
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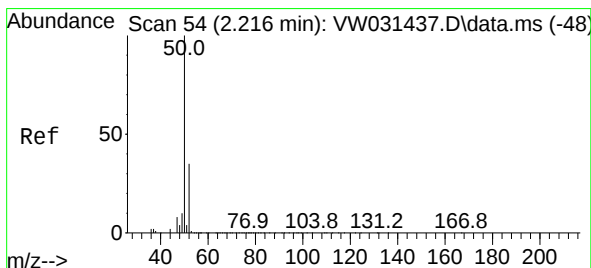
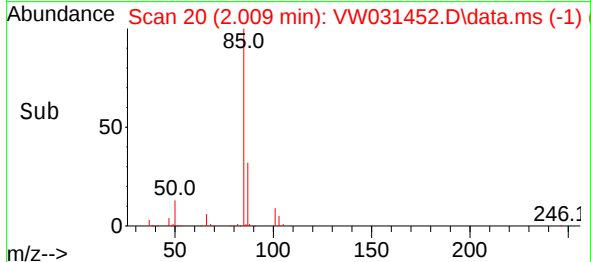
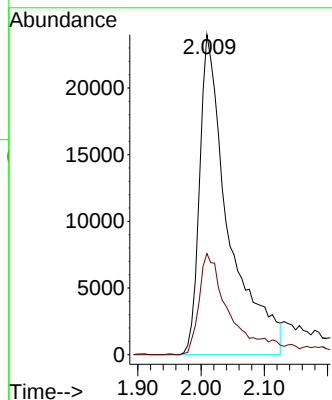
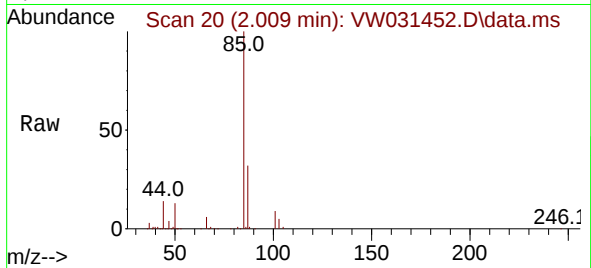
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Dichlorodifluoromethane
Concen: 14.050 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS

Tgt Ion: 85 Resp: 7639
Ion Ratio Lower Upper
85 100
87 30.2 24.9 37.3

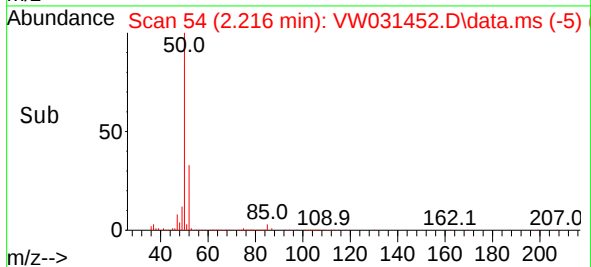
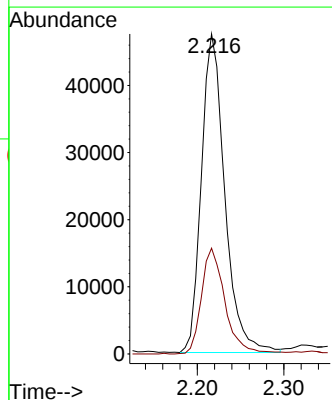
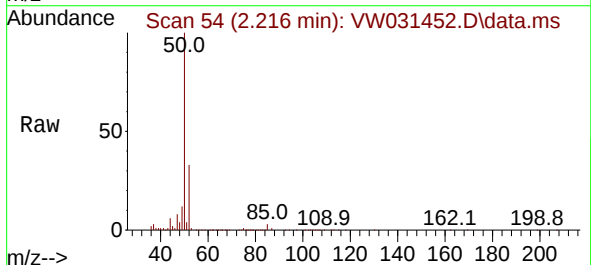
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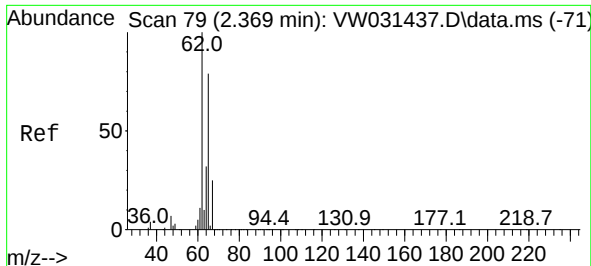
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Supervised By :Mahesh Dadoda 12/23/2024



#3
Chloromethane
Concen: 14.574 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

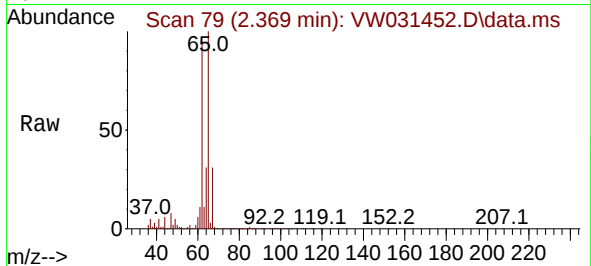
Tgt Ion: 50 Resp: 89022
Ion Ratio Lower Upper
50 100
52 33.0 22.0 41.0





#5
 Vinyl chloride
 Concen: 16.303 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031452.D
 Acq: 21 Dec 2024 01:51

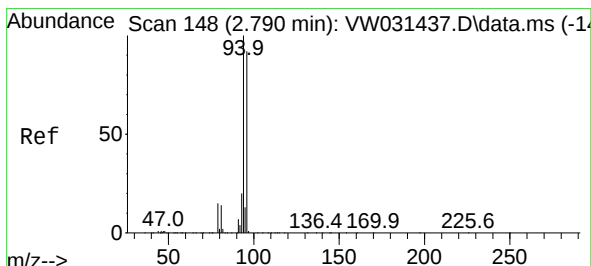
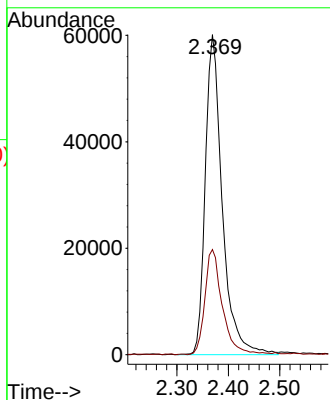
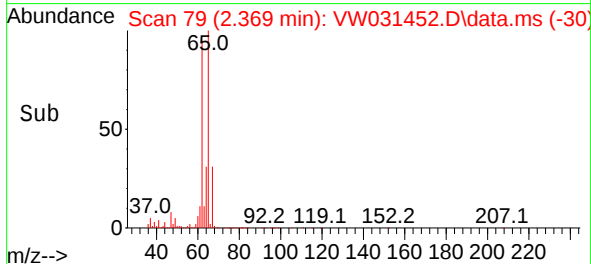
Instrument :
 MSVOA_W
 ClientSampleId :
 E2AQ1MS



Tgt Ion: 62 Resp: 138000
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.1 44.8

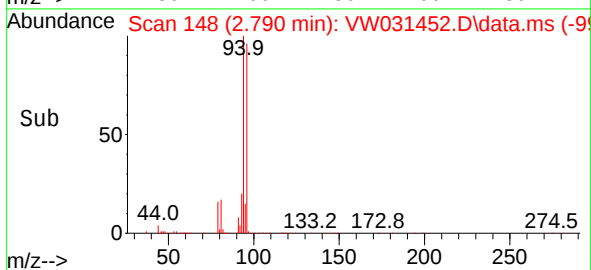
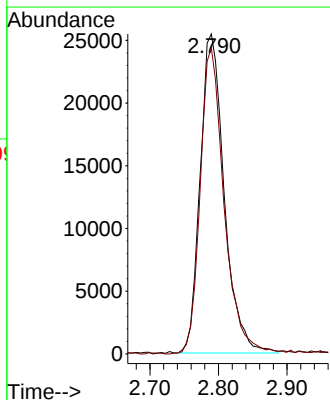
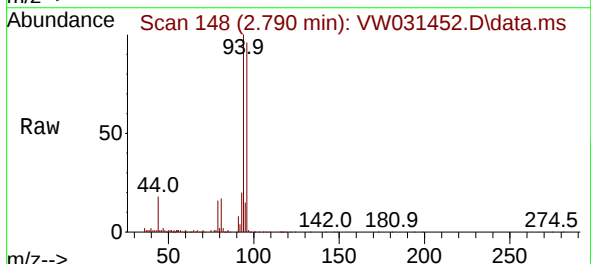
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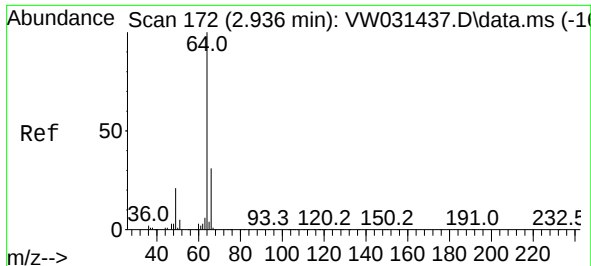
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024



#6
 Bromomethane
 Concen: 11.945 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031452.D
 Acq: 21 Dec 2024 01:51

Tgt Ion: 94 Resp: 62169
 Ion Ratio Lower Upper
 94 100
 96 95.8 65.6 121.8





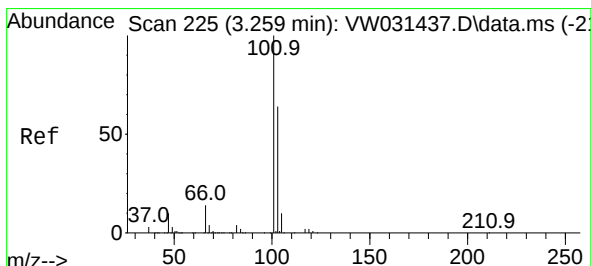
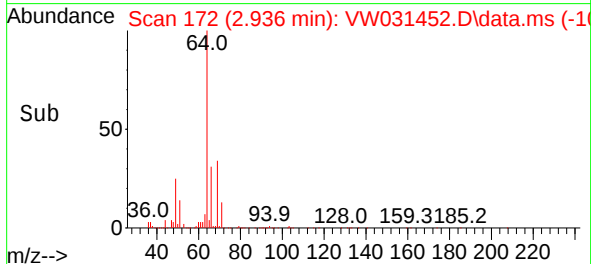
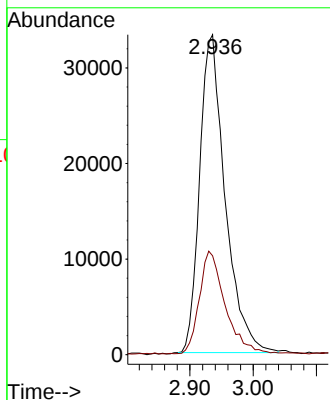
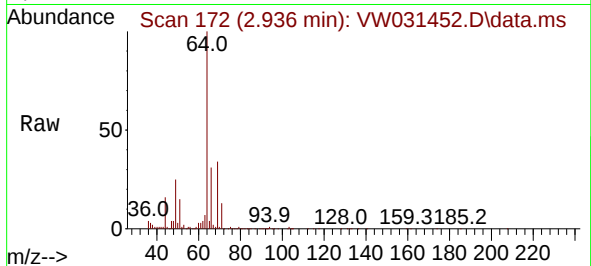
#8
Chloroethane
Concen: 18.509 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Instrument :
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ClientSampleId :
E2AQ1MS

Tgt Ion: 64 Resp: 93179
Ion Ratio Lower Upper
64 100
66 30.9 22.7 42.3

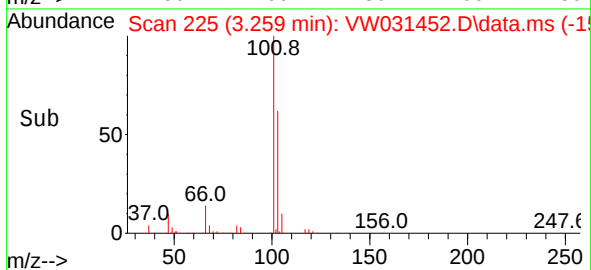
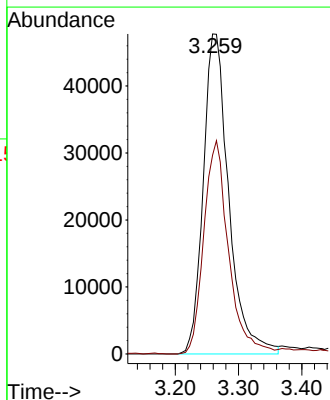
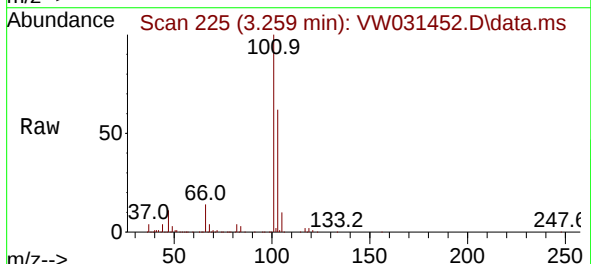
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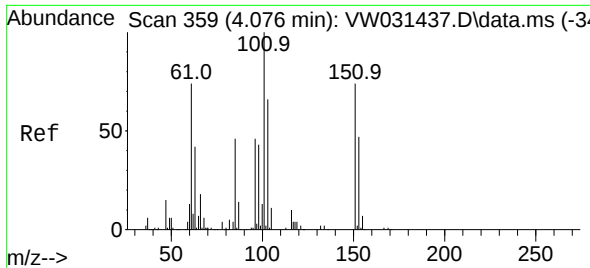
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#9
Trichlorofluoromethane
Concen: 14.860 ug/L
RT: 3.259 min Scan# 225
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Tgt Ion:101 Resp: 134007
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4





#10

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

Concen: 14.539 ug/L

RT: 4.064 min Scan# 357

Delta R.T. -0.012 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

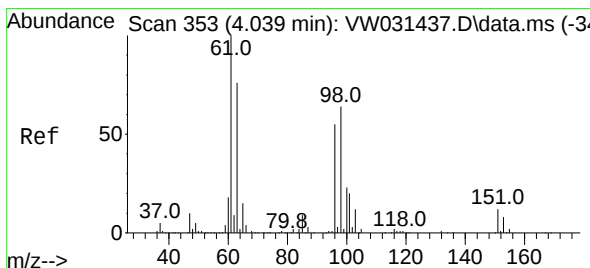
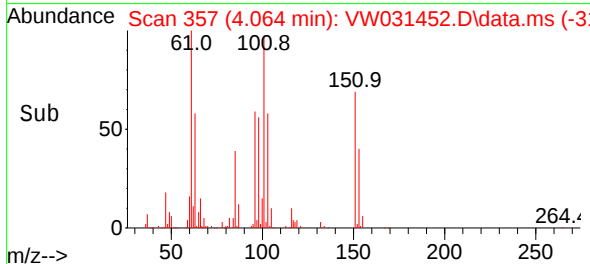
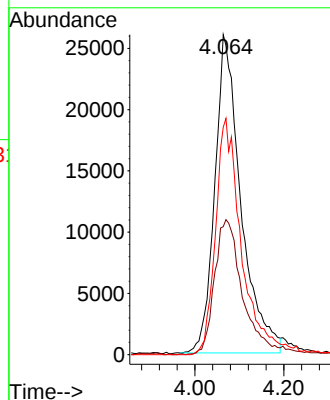
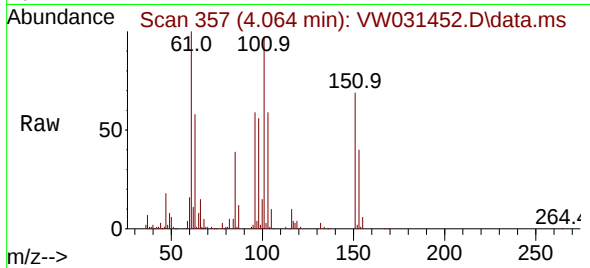
E2AQ1MS

Tgt Ion:	101	Resp:	10587
Ion Ratio	Lower	Upper	
101	100		
85	45.3	33.0	49.4
151	72.8	54.8	82.2

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 14.225 ug/L

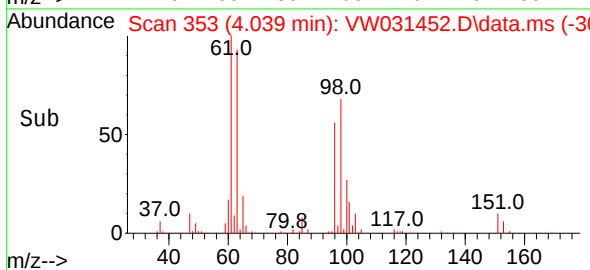
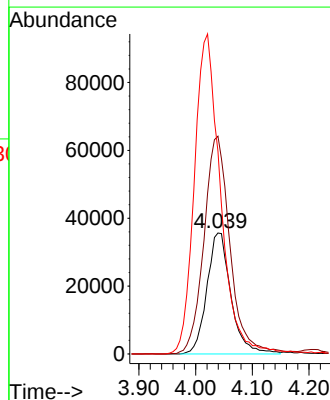
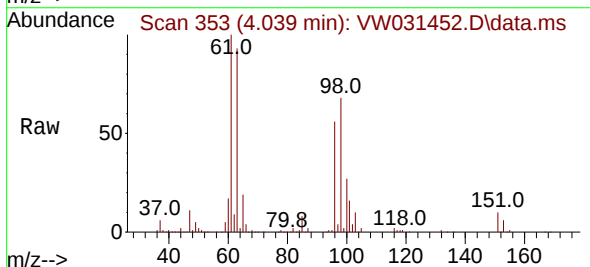
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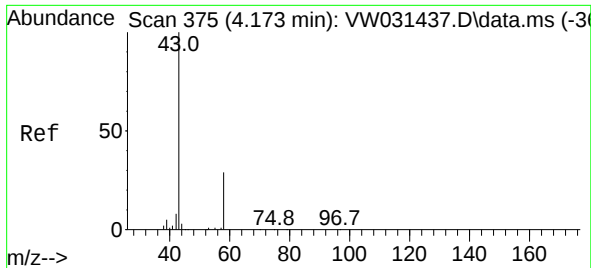
Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Tgt Ion:	96	Resp:	104915
Ion Ratio	Lower	Upper	
96	100		
61	180.1	125.3	232.7
63	167.7	104.6	194.2





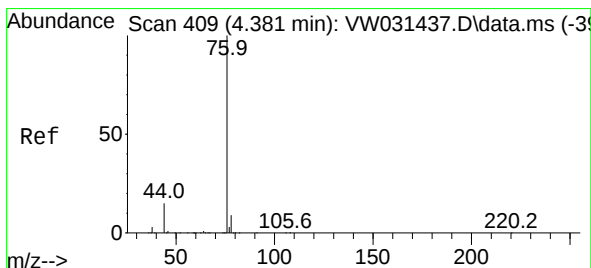
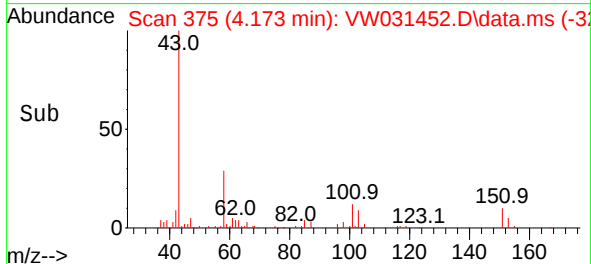
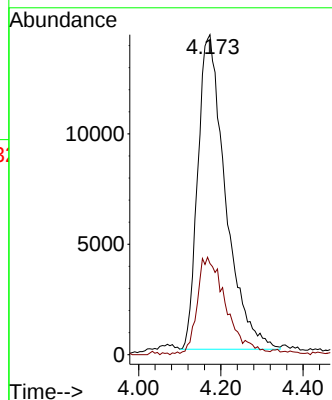
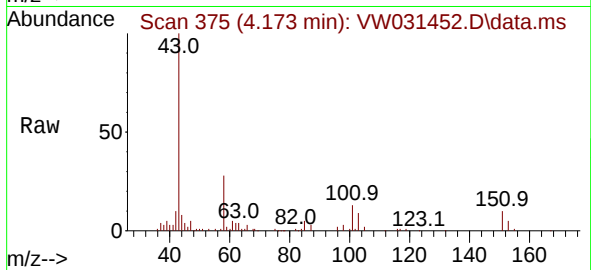
#13
Acetone
Concen: 28.002 ug/L
RT: 4.173 min Scan# 375
Delta R.T. 0.000 min
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Tgt Ion: 43 Resp: 66482
Ion Ratio Lower Upper
43 100
58 9.8 0.0 0.0

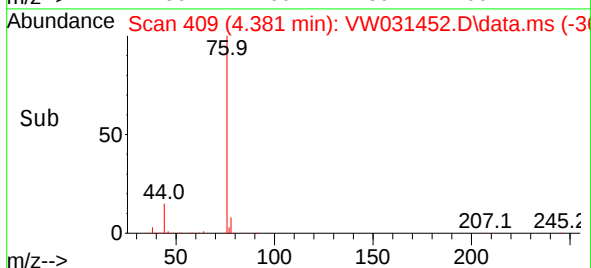
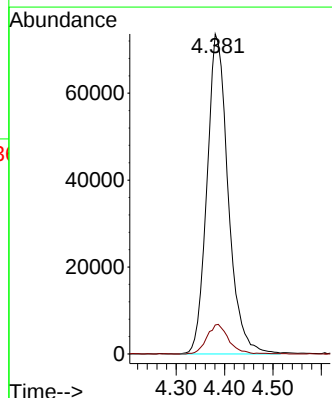
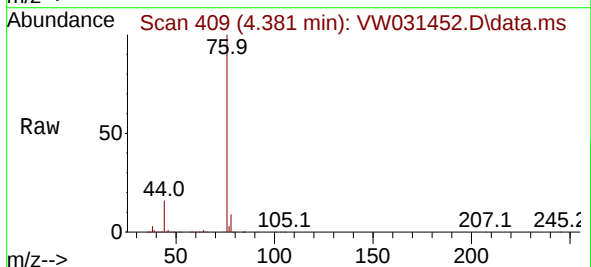
Manual Integrations
APPROVED

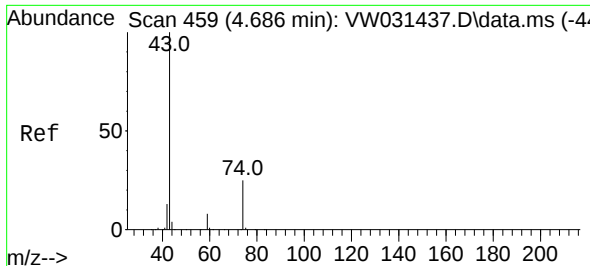
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#14
Carbon disulfide
Concen: 9.325 ug/L
RT: 4.381 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

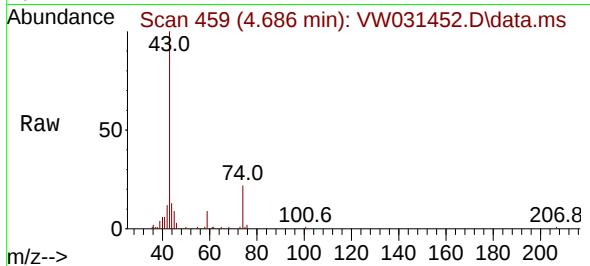
Tgt Ion: 76 Resp: 224315
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#15
Methyl Acetate
Concen: 10.193 ug/L m
RT: 4.686 min Scan# 459
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

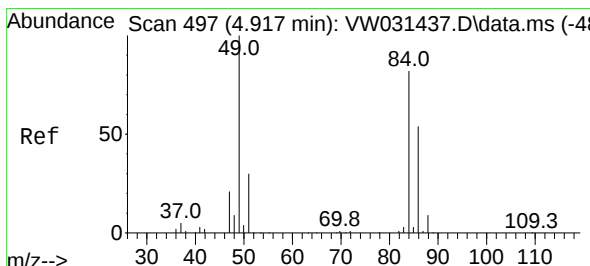
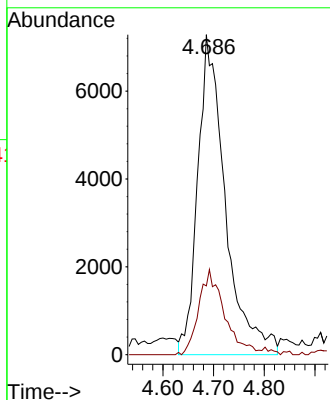
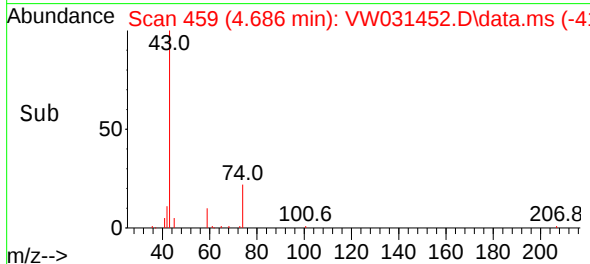
Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS



Tgt Ion: 43 Resp: 27480
Ion Ratio Lower Upper
43 100
74 0.3 18.9 28.3

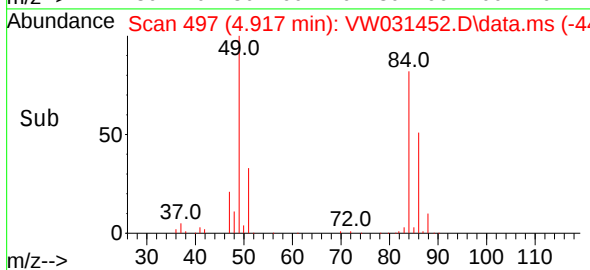
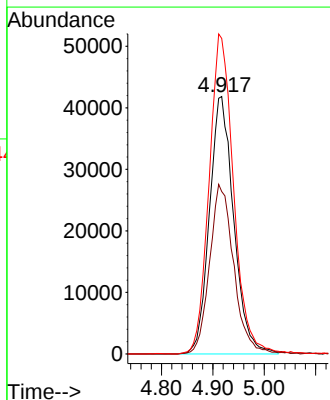
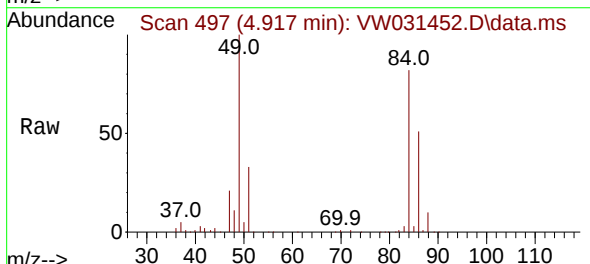
Manual Integrations
APPROVED

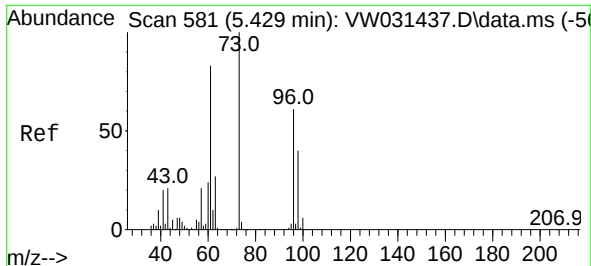
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#16
Methylene chloride
Concen: 18.134 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Tgt Ion: 84 Resp: 137274
Ion Ratio Lower Upper
84 100
86 63.1 44.7 82.9
49 122.5 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 14.377 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

E2AQ1MS

Tgt Ion: 96 Resp: 11430

Ion Ratio Lower Upper

96 100

61 140.5 100.7 187.1

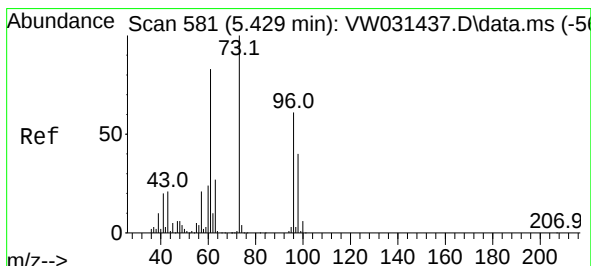
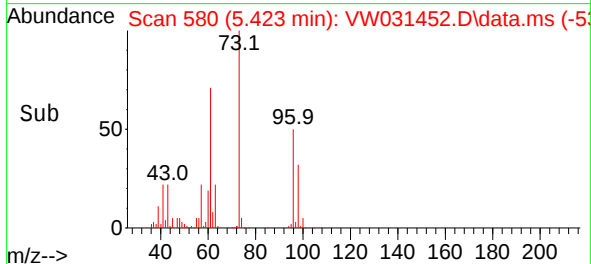
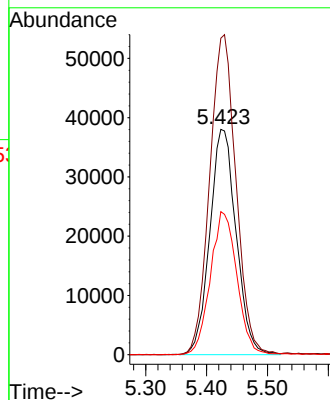
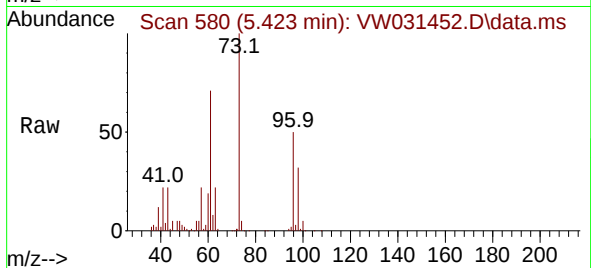
98 63.5 43.8 81.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#18

Methyl tert-butyl Ether

Concen: 21.047 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

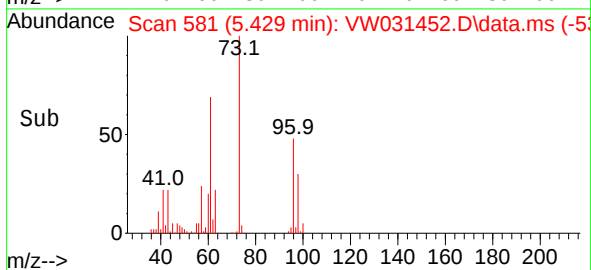
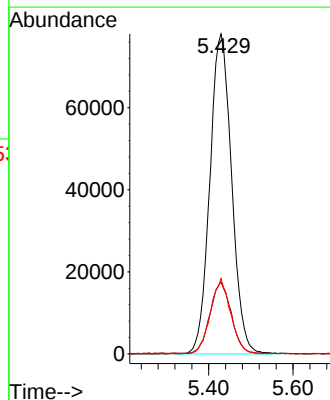
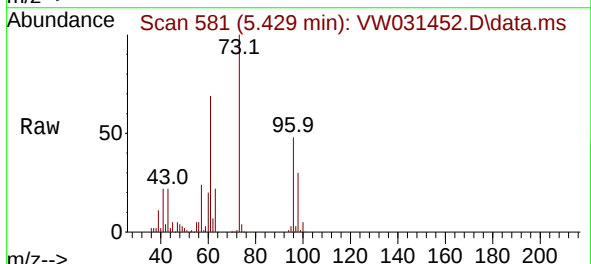
Tgt Ion: 73 Resp: 279741

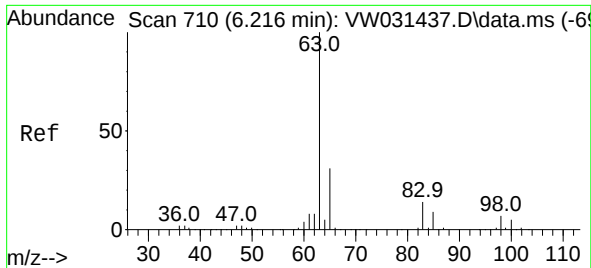
Ion Ratio Lower Upper

73 100

43 21.7 17.9 26.9

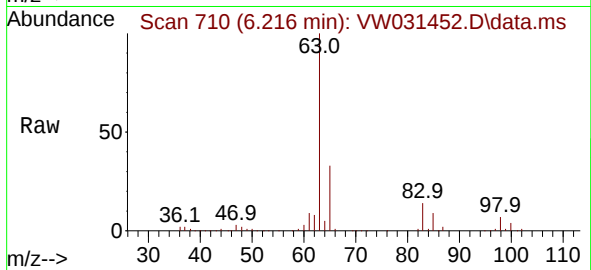
57 22.0 17.9 26.9





#19
1,1-Dichloroethane
Concen: 16.442 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

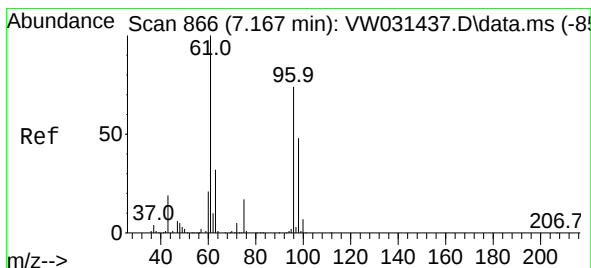
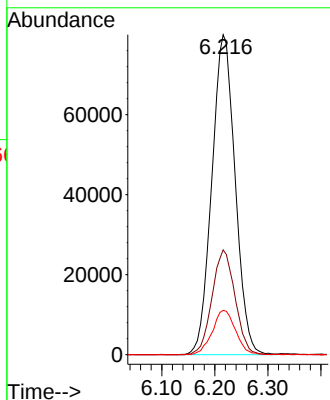
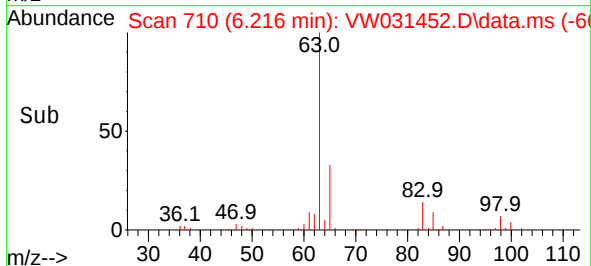
Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS



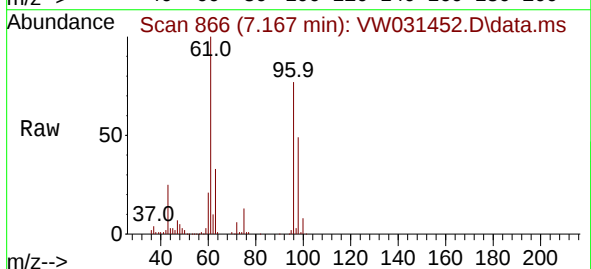
Tgt Ion: 63 Resp: 24427
Ion Ratio Lower Upper
63 100
65 32.7 21.9 40.7
83 13.8 9.3 17.3

Manual Integrations
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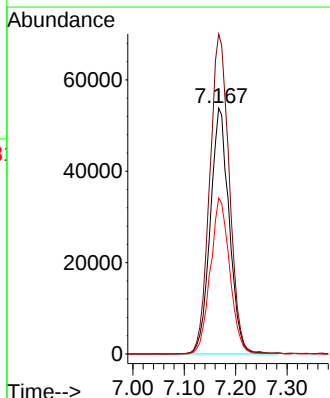
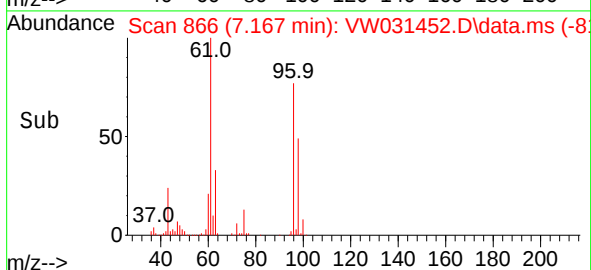
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

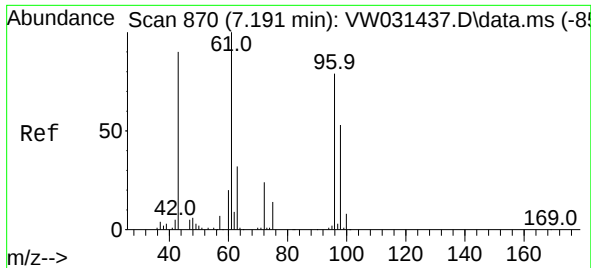


#20
cis-1,2-Dichloroethene
Concen: 15.995 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51



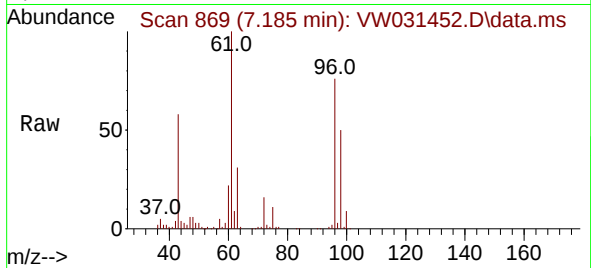
Tgt Ion: 96 Resp: 137581
Ion Ratio Lower Upper
96 100
61 130.2 92.2 171.2
98 63.4 43.7 81.1





#22
2-Butanone
Concen: 33.253 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

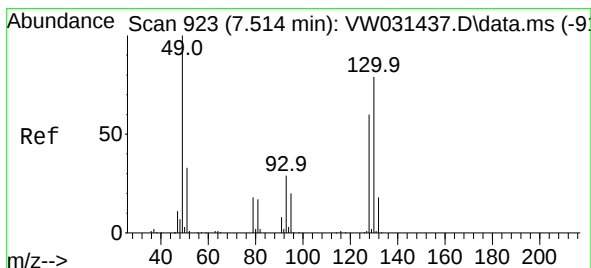
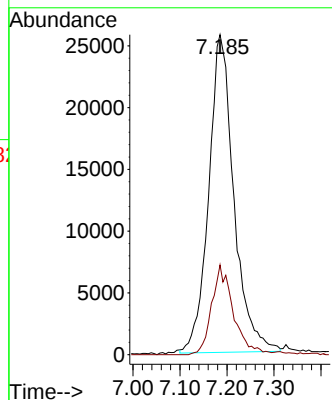
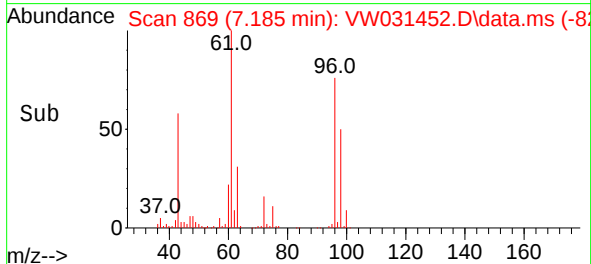
Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS



Tgt Ion: 43 Resp: 95658
Ion Ratio Lower Upper
43 100
72 24.1 13.3 39.8

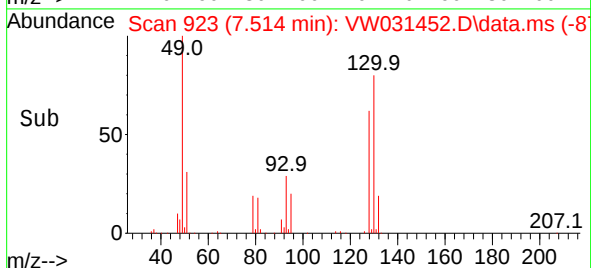
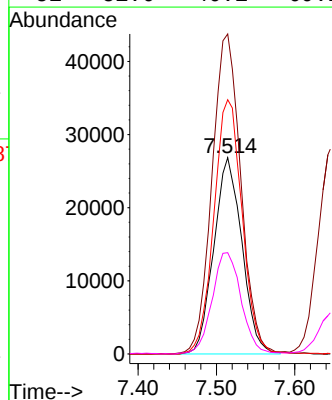
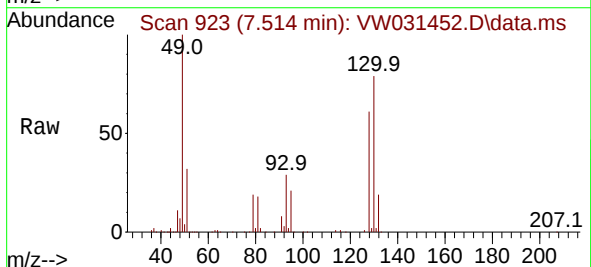
Manual Integrations
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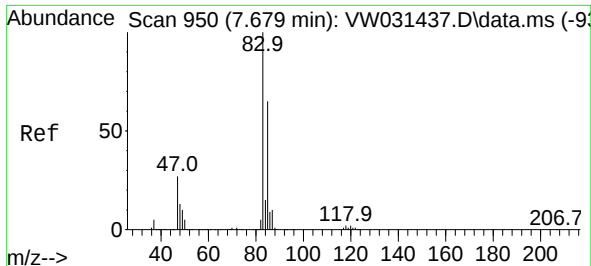
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#23
Bromochloromethane
Concen: 19.475 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Tgt Ion:128 Resp: 66811
Ion Ratio Lower Upper
128 100
49 163.1 123.7 229.7
130 129.6 90.3 167.7
51 51.6 46.1 69.1





#25

Chloroform

Concen: 17.233 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

E2AQ1MS

Tgt Ion: 83 Resp: 252683

Ion Ratio Lower Upper

83 100

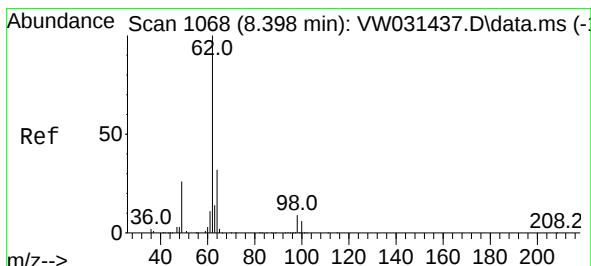
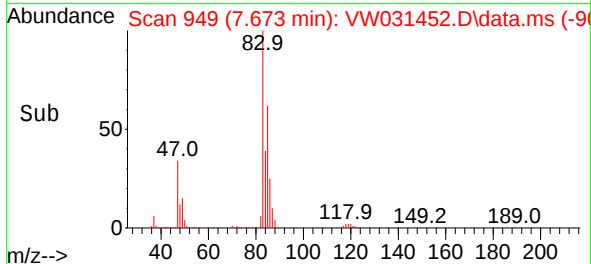
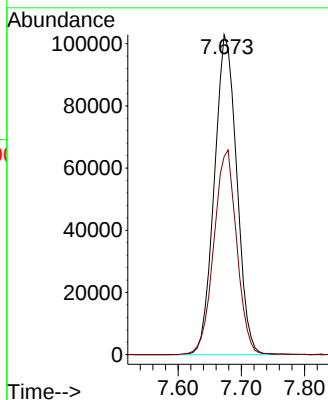
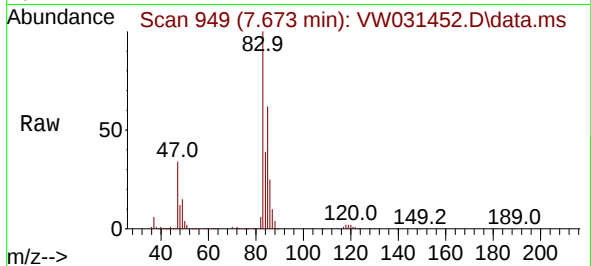
85 61.9 46.1 85.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#27

1,2-Dichloroethane

Concen: 19.824 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031452.D

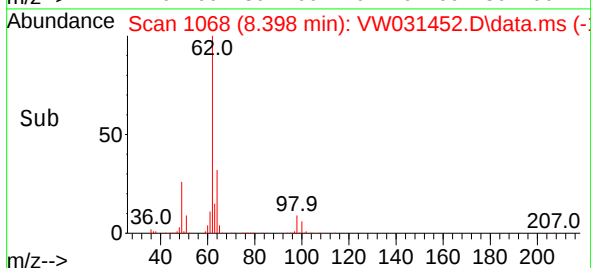
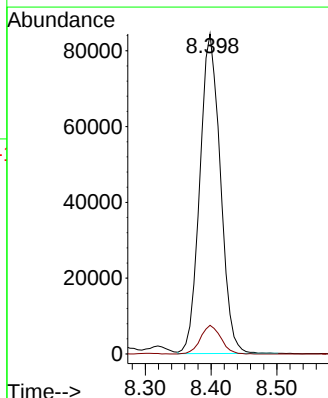
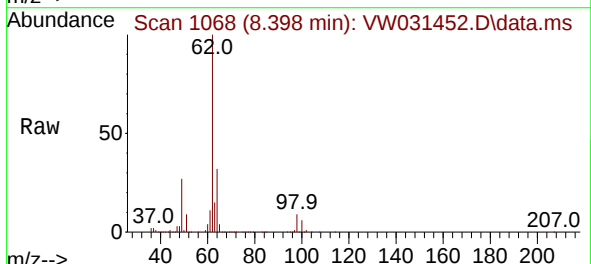
Acq: 21 Dec 2024 01:51

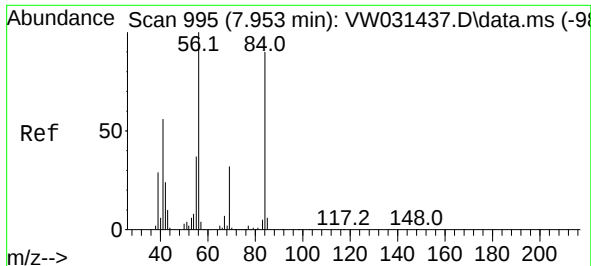
Tgt Ion: 62 Resp: 182742

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 11.957 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

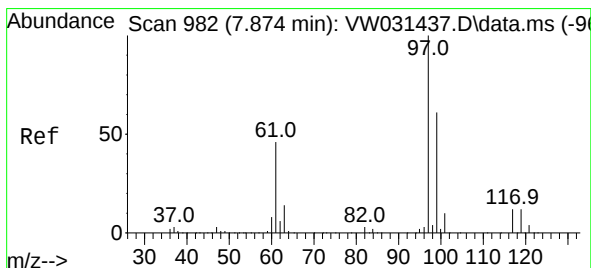
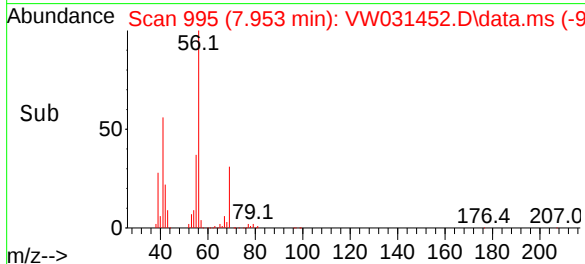
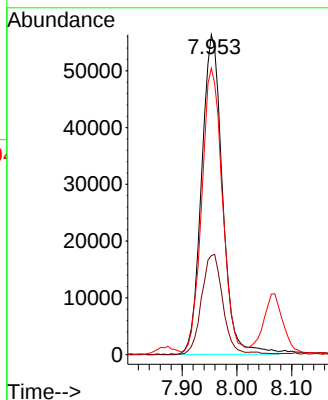
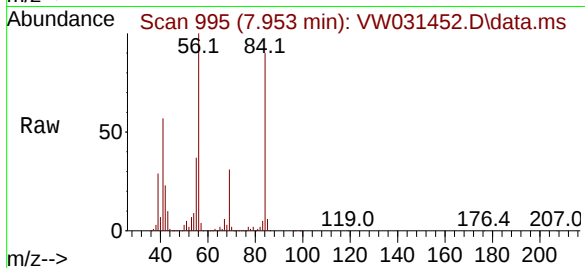
E2AQ1MS

Tgt Ion: 56 Resp: 149088
 Ion Ratio Lower Upper
 56 100
 69 31.6 25.0 37.4
 84 88.6 68.9 103.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024



#30

1,1,1-Trichloroethane

Concen: 15.066 ug/L

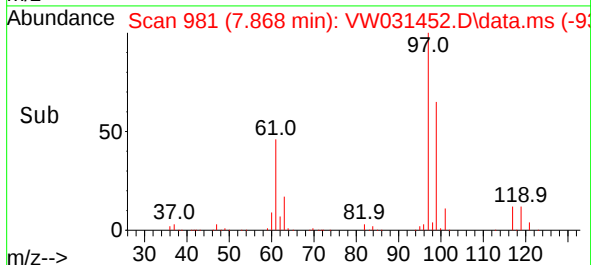
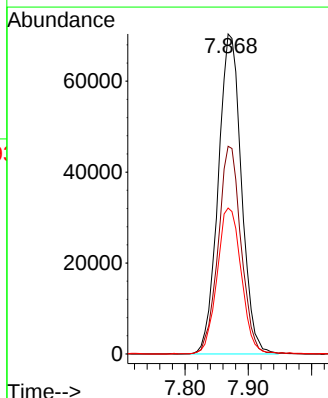
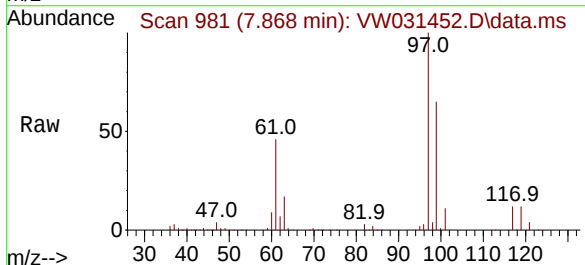
RT: 7.868 min Scan# 981

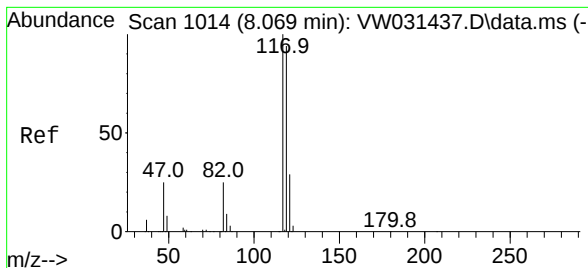
Delta R.T. -0.006 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

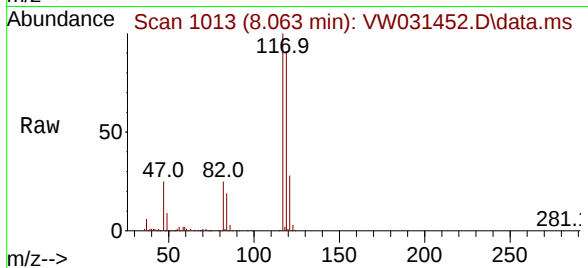
Tgt Ion: 97 Resp: 179038
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.1 76.7
 61 47.6 36.3 54.5





#31
Carbon tetrachloride
Concen: 12.908 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

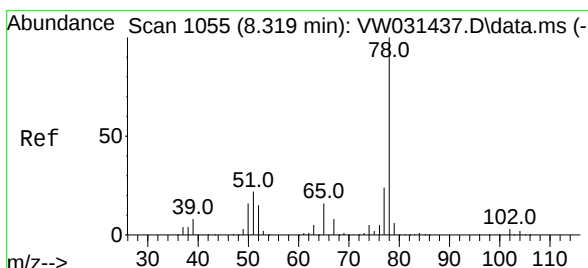
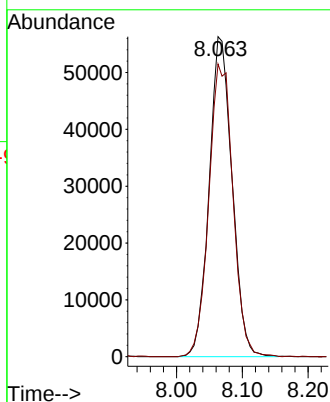
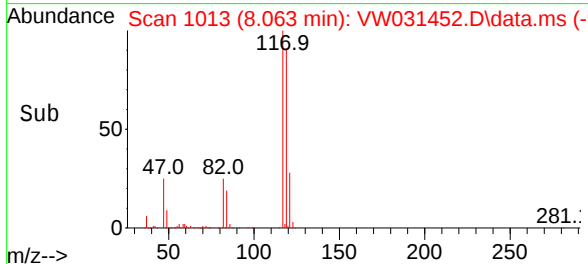
Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS



Tgt Ion:117 Resp: 136664
Ion Ratio Lower Upper
117 100
119 96.3 76.0 114.0

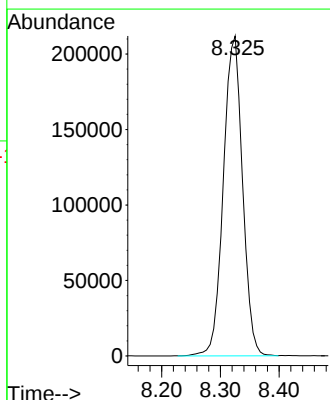
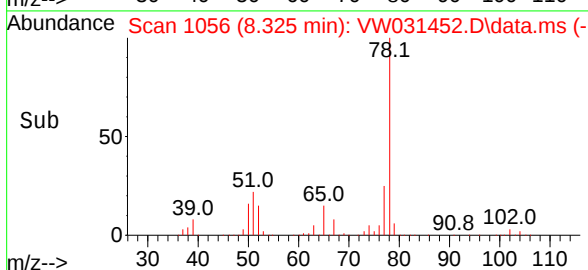
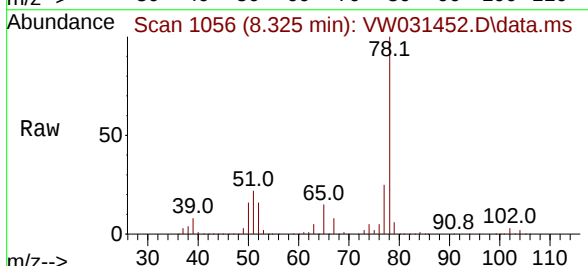
Manual Integrations
APPROVED

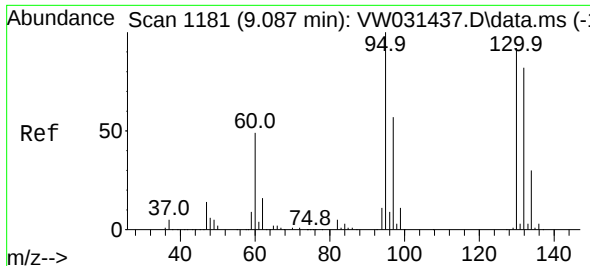
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#33
Benzene
Concen: 16.903 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Tgt Ion: 78 Resp: 480262





#34

Trichloroethene

Concen: 14.418 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031452.D

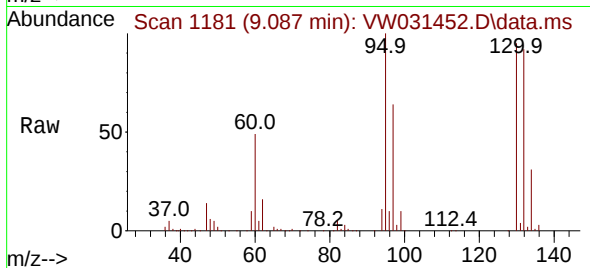
Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

E2AQ1MS



Tgt Ion: 95 Resp: 11565

Ion Ratio Lower Upper

95 100

97 63.7 46.5 86.3

132 92.2 70.3 130.5

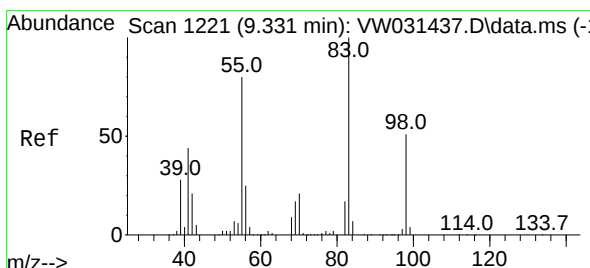
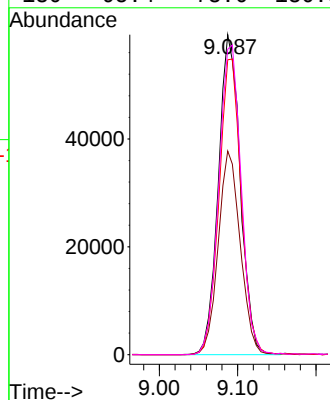
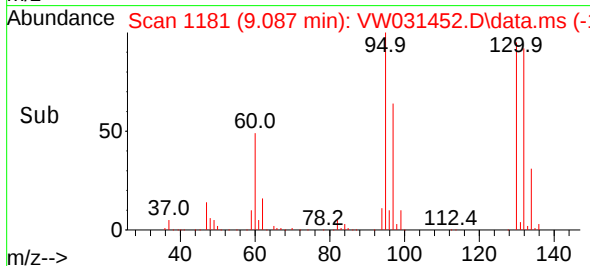
130 95.4 73.6 136.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#35

Methylcyclohexane

Concen: 10.081 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

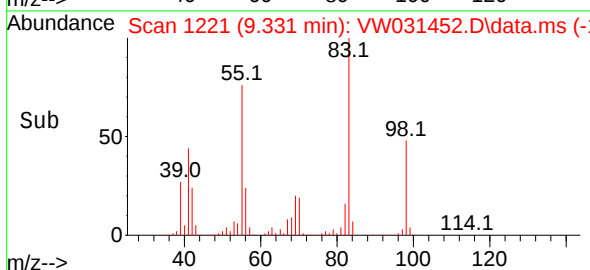
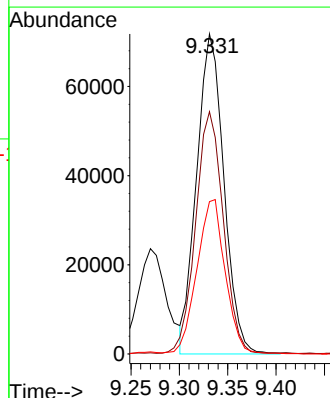
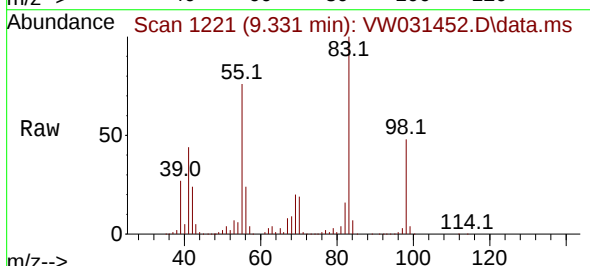
Tgt Ion: 83 Resp: 140826

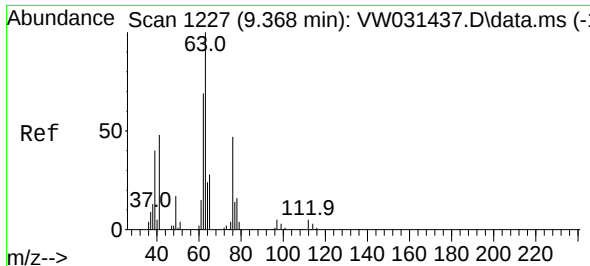
Ion Ratio Lower Upper

83 100

55 76.4 62.6 93.8

98 49.7 39.8 59.6





#37

1,2-Dichloropropane

Concen: 19.324 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

E2AQ1MS

Tgt Ion: 63 Resp: 136972

Ion Ratio Lower Upper

63 100

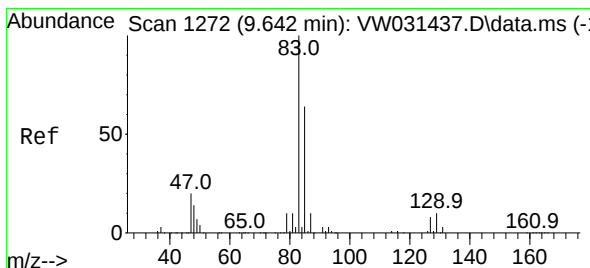
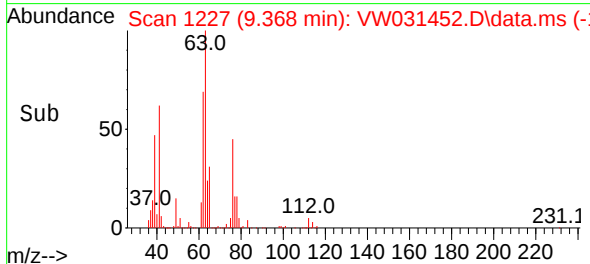
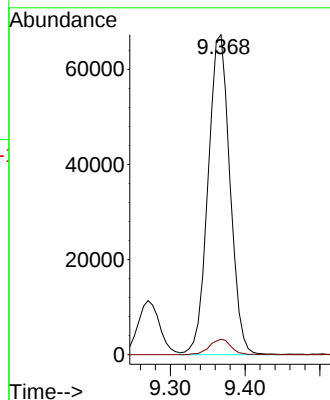
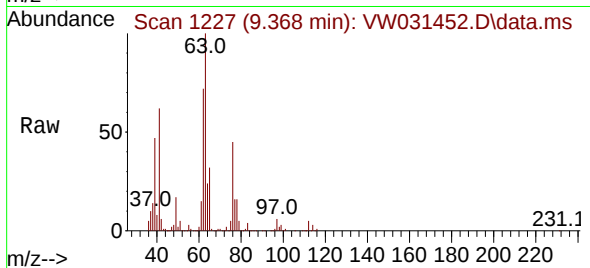
112 4.7 3.8 5.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#38

Bromodichloromethane

Concen: 17.354 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

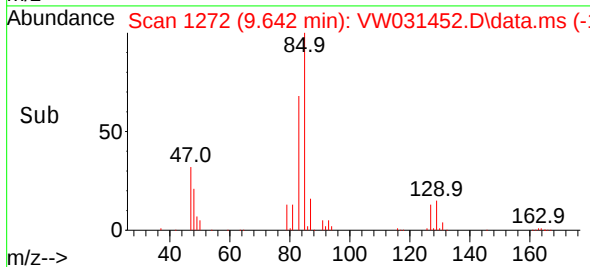
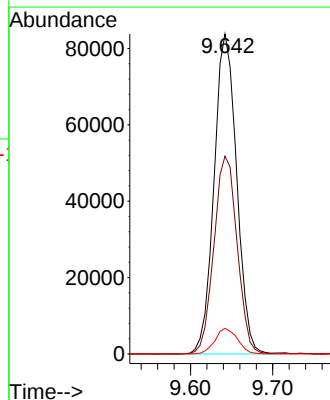
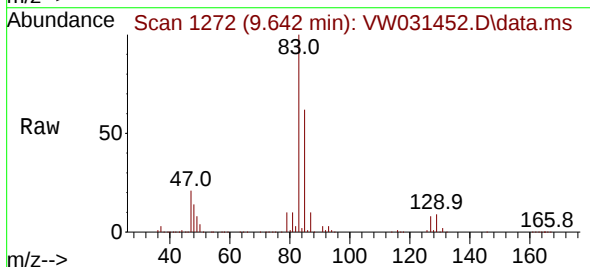
Tgt Ion: 83 Resp: 159911

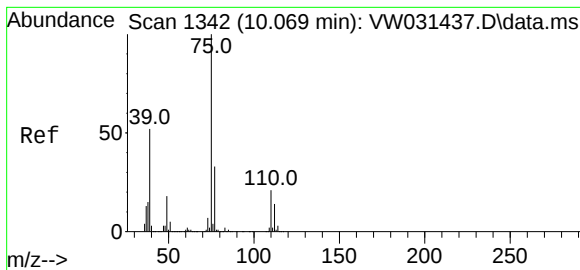
Ion Ratio Lower Upper

83 100

85 61.8 46.5 86.5

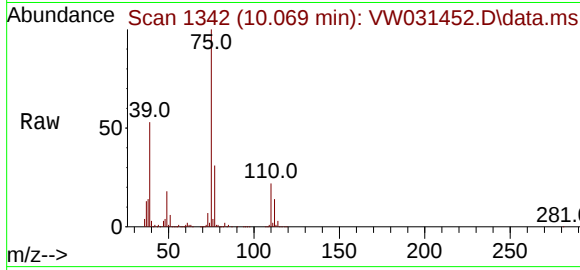
127 8.0 6.2 9.4





#39
cis-1,3-Dichloropropene
Concen: 12.443 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

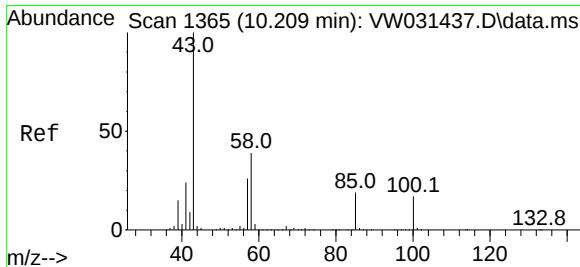
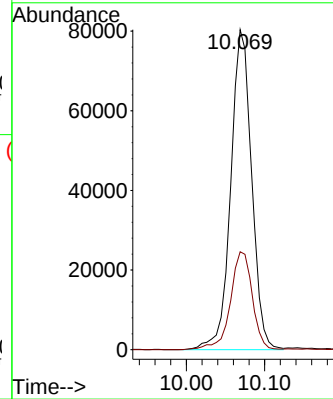
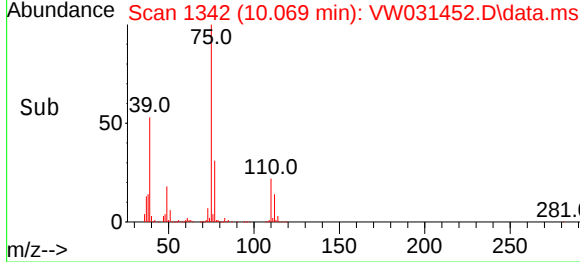
Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS



Tgt Ion: 75 Resp: 149034
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.4

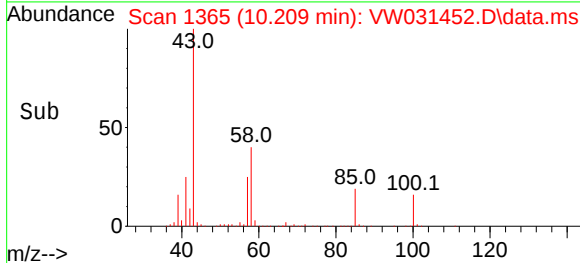
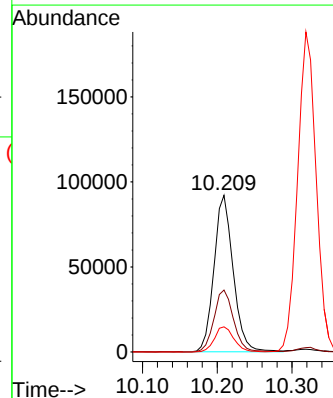
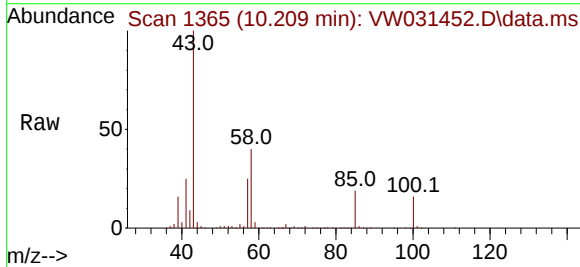
Manual Integrations
APPROVED

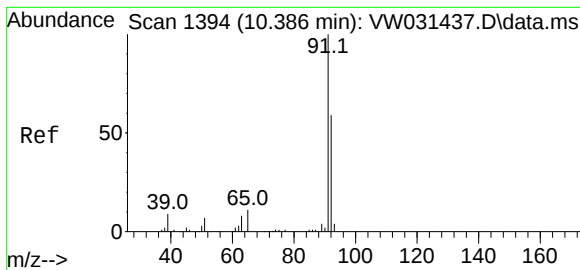
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#40
4-Methyl-2-pentanone
Concen: 43.810 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Tgt Ion: 43 Resp: 164750
Ion Ratio Lower Upper
43 100
58 40.4 31.1 46.7
100 16.3 13.0 19.6





#42

Toluene

Concen: 14.645 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

E2AQ1MS

Tgt Ion: 91 Resp: 45302

Ion Ratio Lower Upper

91 100

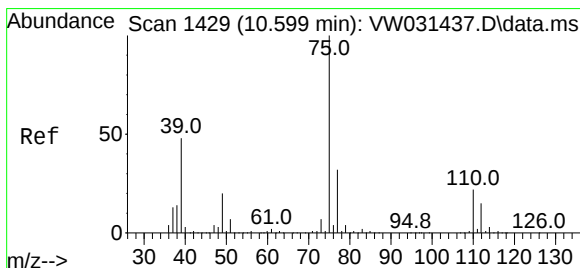
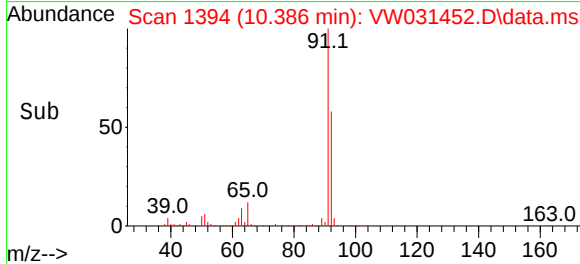
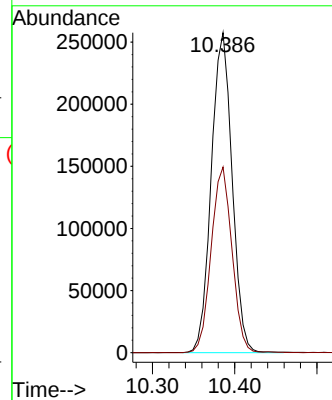
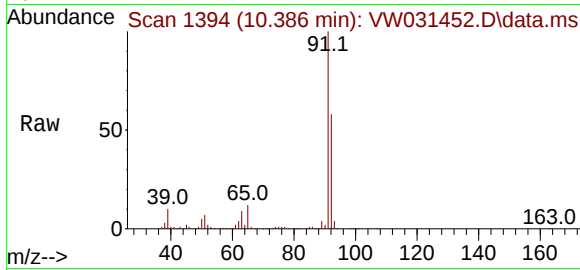
92 58.0 40.3 74.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#44

trans-1,3-Dichloropropene

Concen: 13.436 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW031452.D

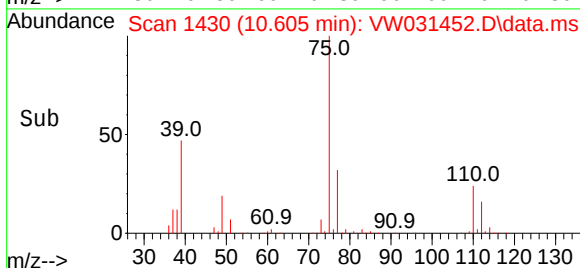
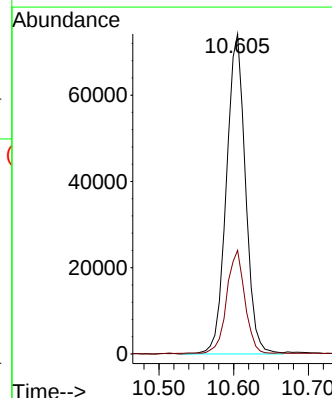
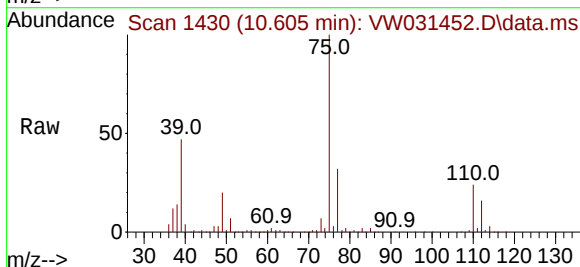
Acq: 21 Dec 2024 01:51

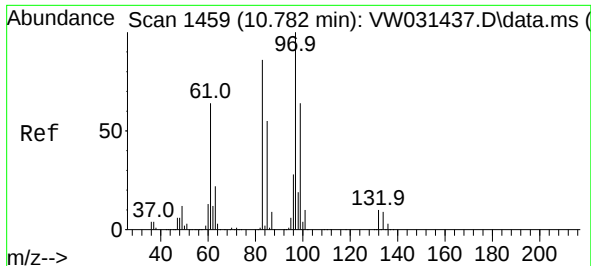
Tgt Ion: 75 Resp: 131407

Ion Ratio Lower Upper

75 100

77 32.4 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 22.771 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031452.D

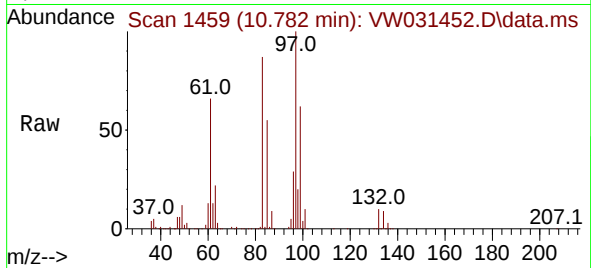
Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

E2AQ1MS



Tgt Ion: 97 Resp: 10735

Ion Ratio Lower Upper

97 100

99 61.7 43.0 80.0

83 86.9 56.4 104.7

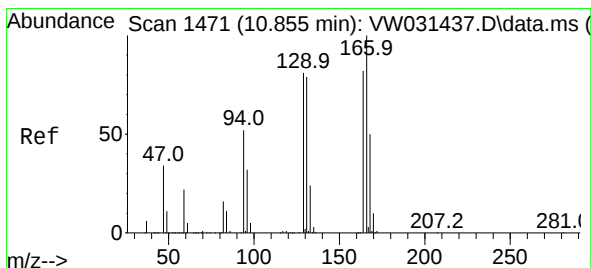
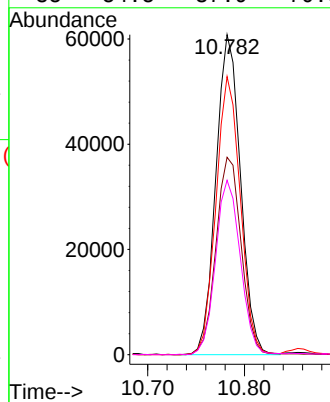
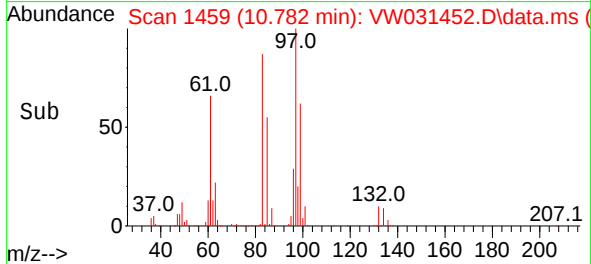
85 54.5 37.9 70.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#46

Tetrachloroethene

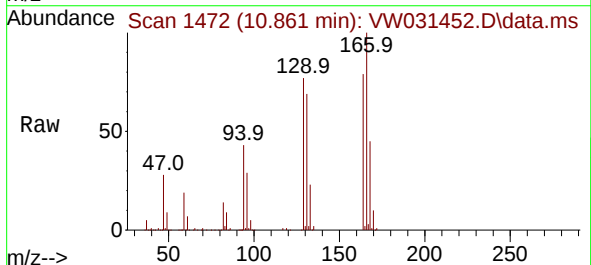
Concen: 11.029 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51



Tgt Ion:164 Resp: 64803

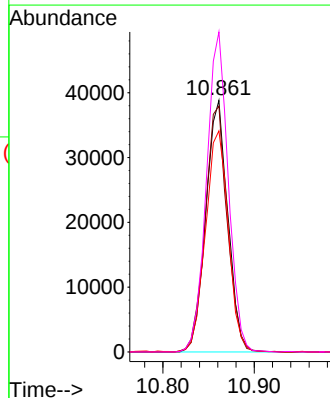
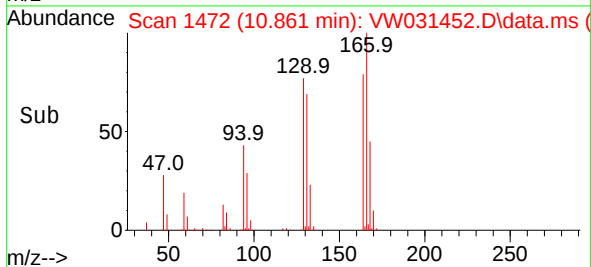
Ion Ratio Lower Upper

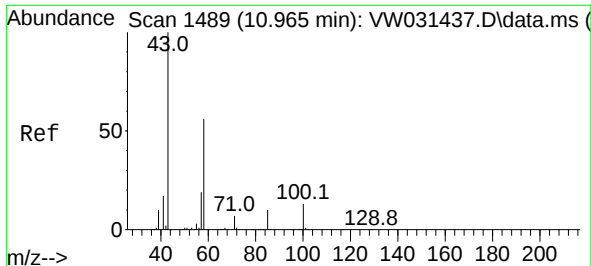
164 100

129 97.7 73.5 136.5

131 87.9 66.6 123.8

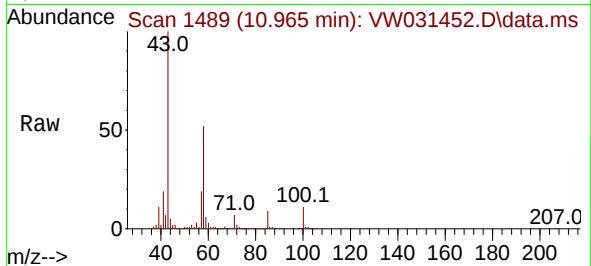
166 127.2 92.7 172.3





#48
2-Hexanone
Concen: 36.153 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

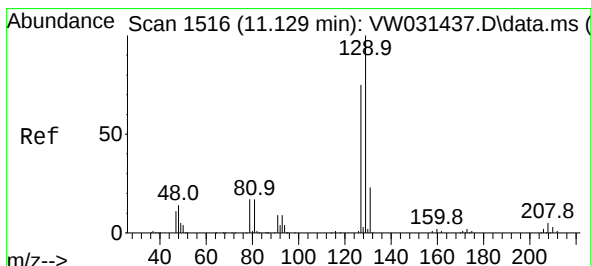
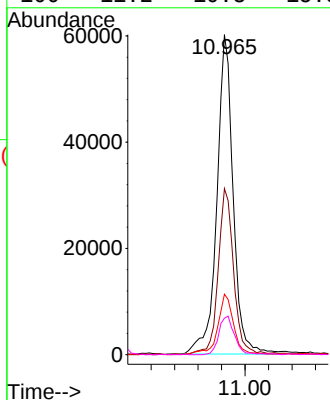
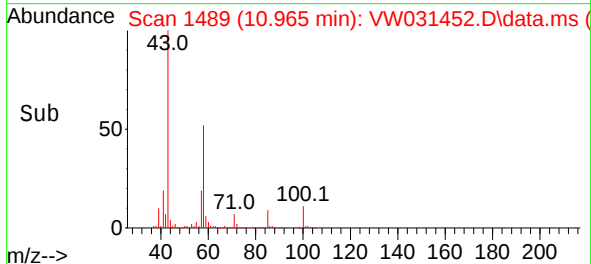
Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS



Tgt Ion: 43 Resp: 115629
Ion Ratio Lower Upper
43 100
58 49.1 43.0 64.6
57 17.4 15.7 23.5
100 11.2 10.3 15.5

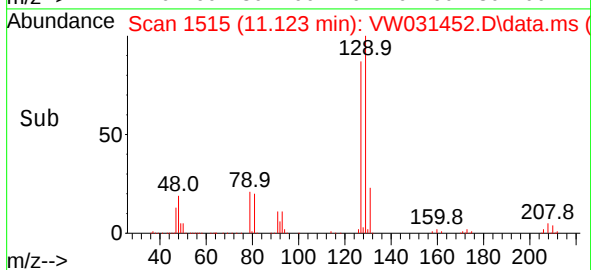
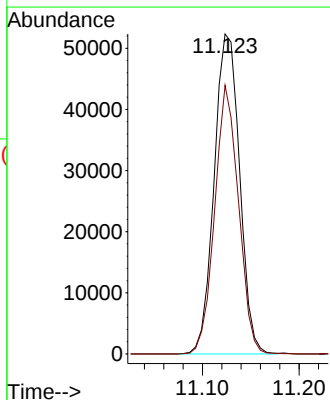
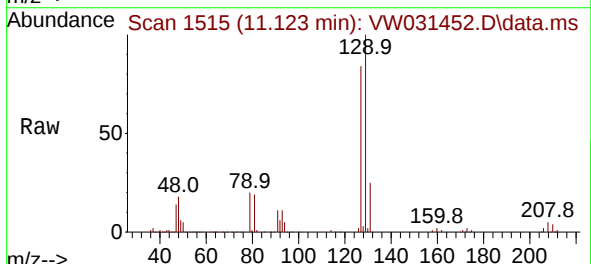
Manual Integrations
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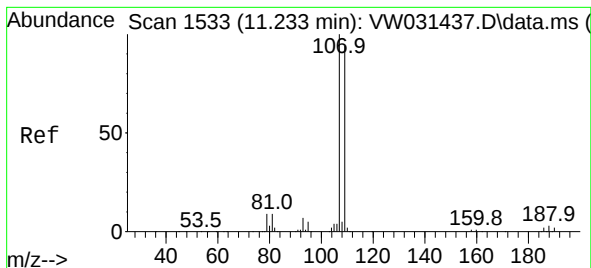
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#49
Dibromochloromethane
Concen: 17.107 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

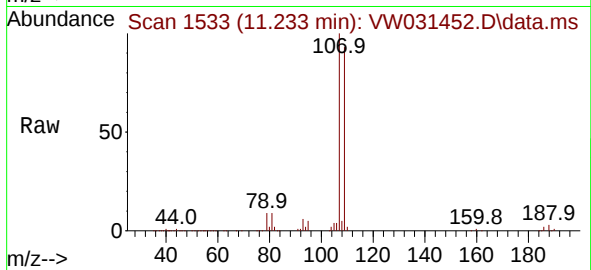
Tgt Ion:129 Resp: 95602
Ion Ratio Lower Upper
129 100
127 84.0 57.6 107.0





#50
1,2-Dibromoethane
Concen: 19.983 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

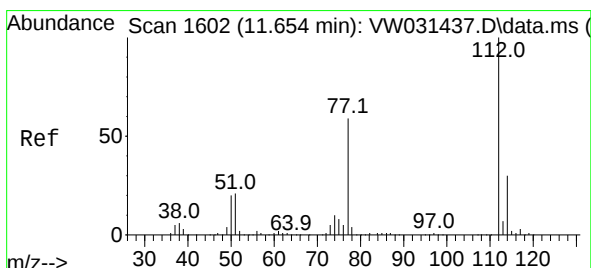
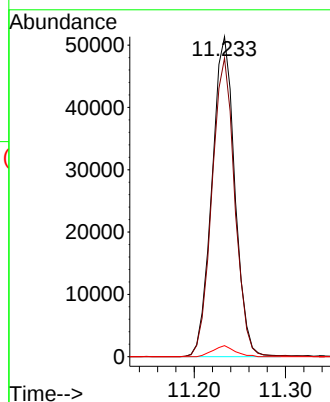
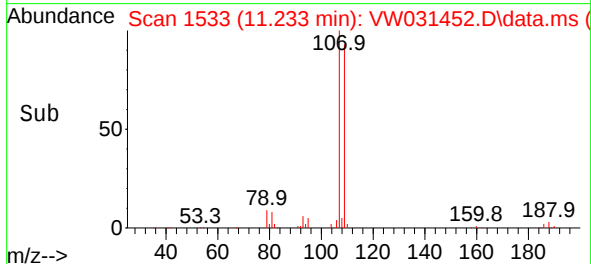
Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS



Tgt Ion:107 Resp: 89248
Ion Ratio Lower Upper
107 100
109 93.3 63.2 117.4
188 3.5 2.6 4.0

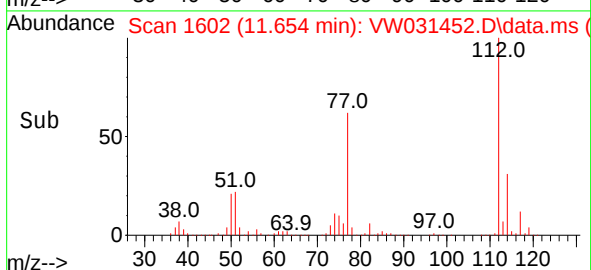
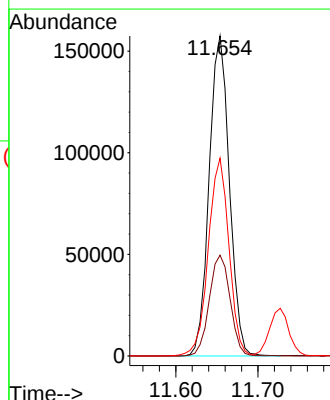
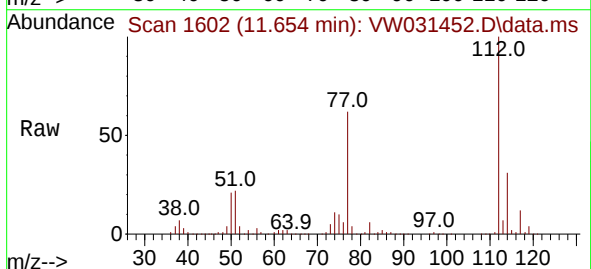
Manual Integrations
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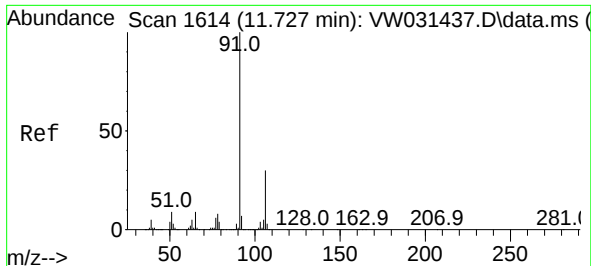
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#51
Chlorobenzene
Concen: 13.880 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Tgt Ion:112 Resp: 269211
Ion Ratio Lower Upper
112 100
114 31.5 22.7 42.3
77 61.8 50.2 75.4





#52

Ethylbenzene

Concen: 11.741 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

E2AQ1MS

Tgt Ion: 91 Resp: 420924

Ion Ratio Lower Upper

91 100

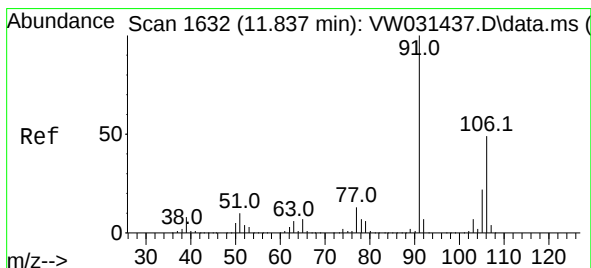
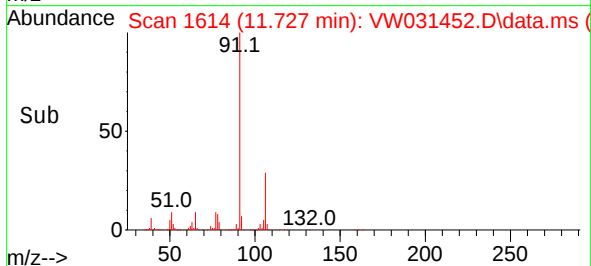
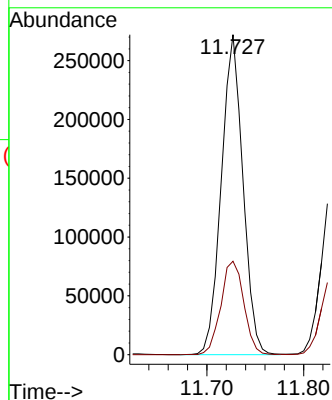
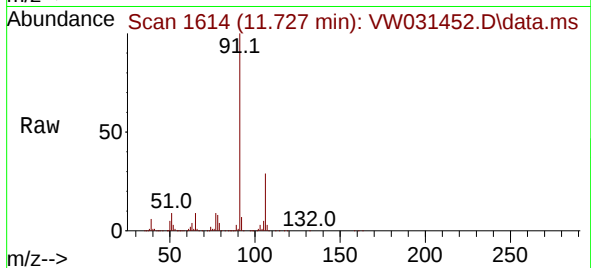
106 29.2 20.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#53

m,p-Xylene

Concen: 11.761 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031452.D

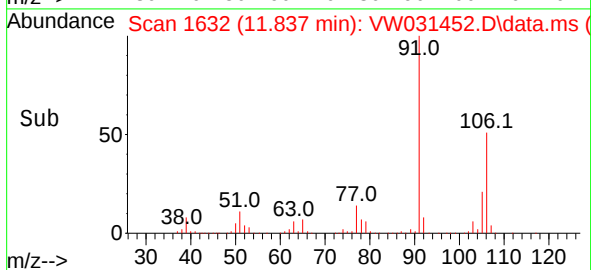
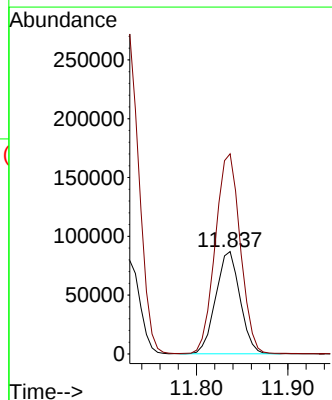
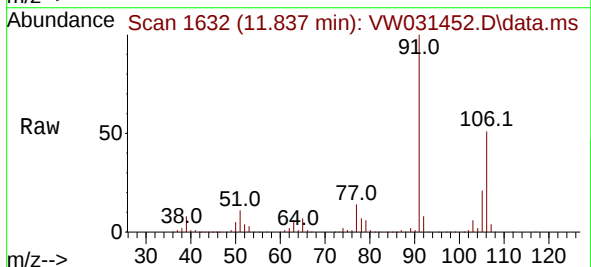
Acq: 21 Dec 2024 01:51

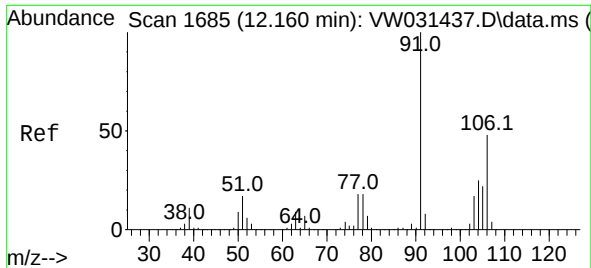
Tgt Ion:106 Resp: 160524

Ion Ratio Lower Upper

106 100

91 195.5 139.9 259.7





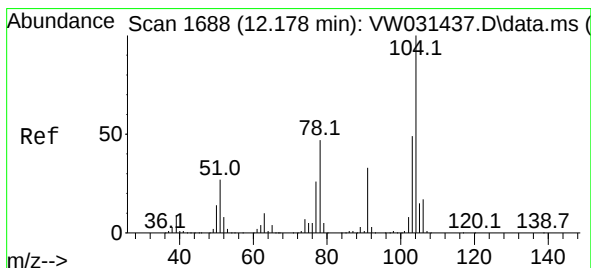
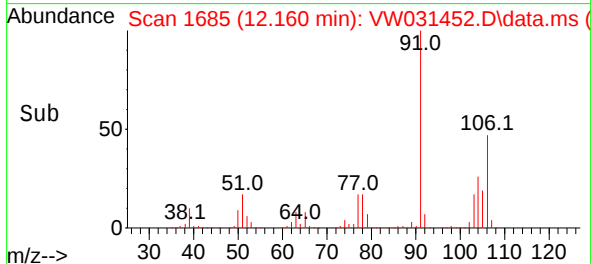
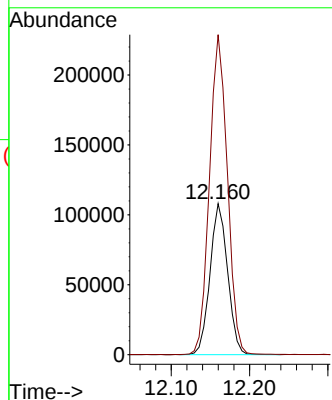
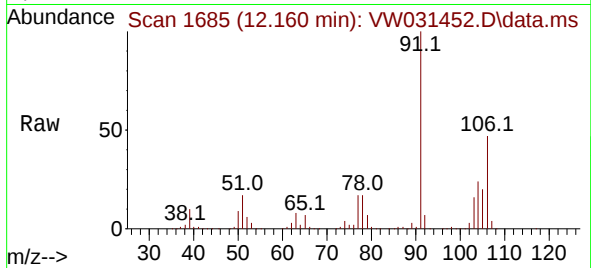
#54
o-Xylene
Concen: 13.100 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS

Tgt Ion:106 Resp: 168508
Ion Ratio Lower Upper
106 100
91 211.9 153.1 284.3

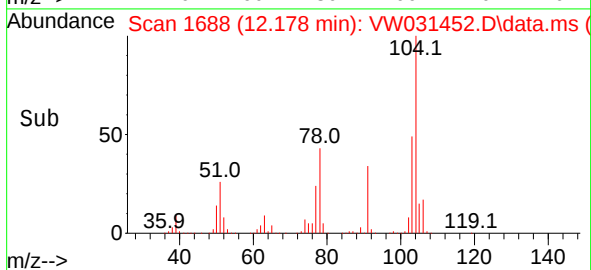
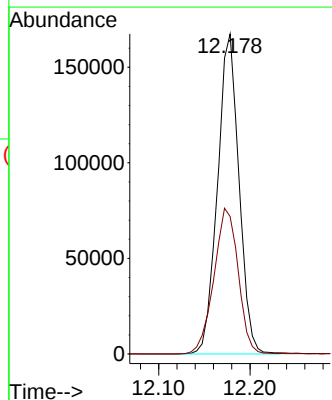
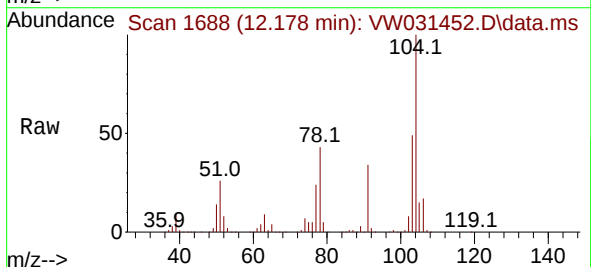
Manual Integrations
APPROVED

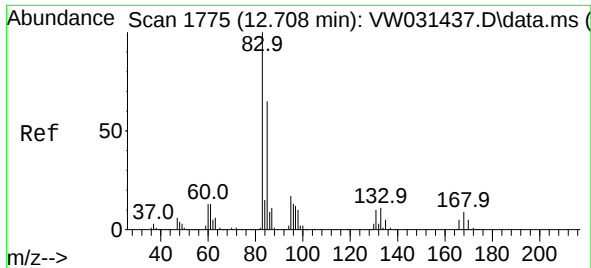
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#55
Styrene
Concen: 12.758 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Tgt Ion:104 Resp: 272978
Ion Ratio Lower Upper
104 100
78 42.9 31.4 58.4





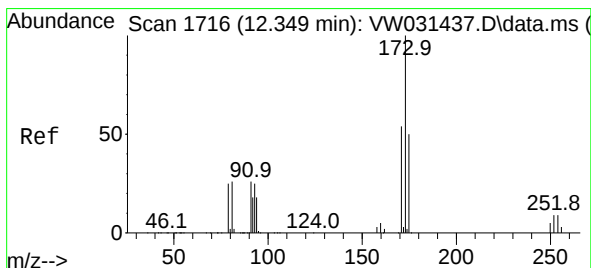
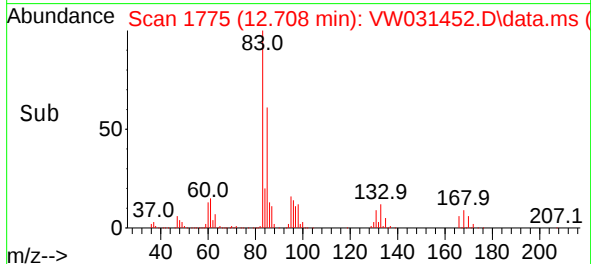
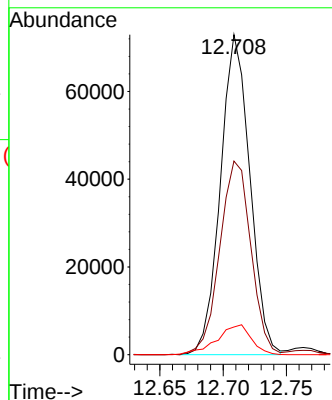
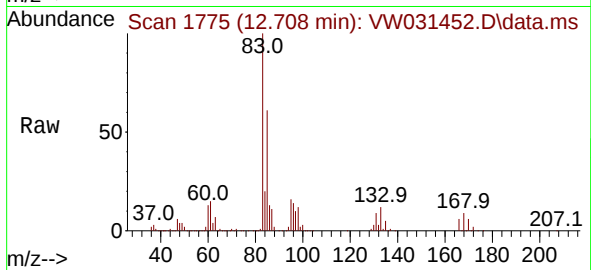
#57
1,1,2,2-Tetrachloroethane
Concen: 23.208 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS

Tgt Ion: 83 Resp: 11795
Ion Ratio Lower Upper
83 100
85 60.5 44.1 81.9
131 8.6 7.9 11.9

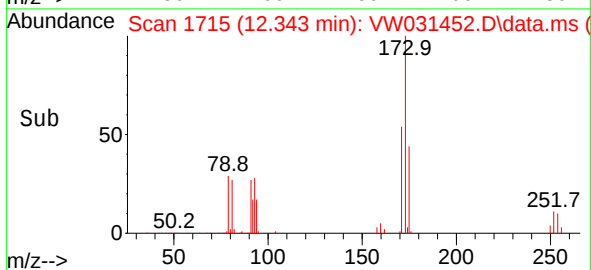
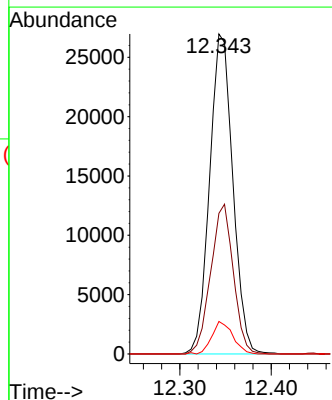
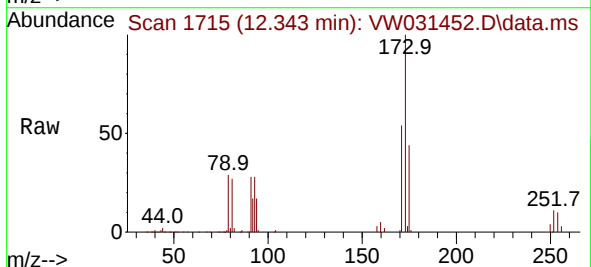
Manual Integrations
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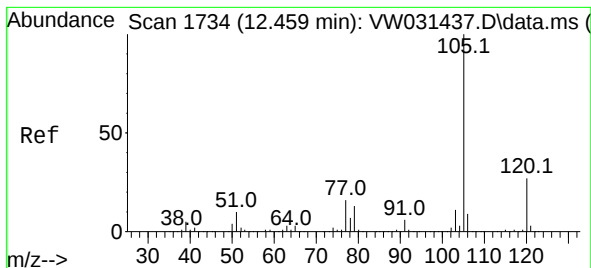
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#59
Bromoform
Concen: 20.500 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

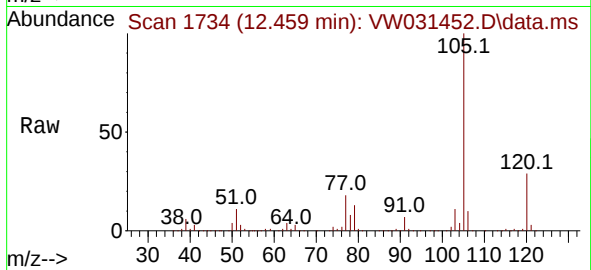
Tgt Ion:173 Resp: 47541
Ion Ratio Lower Upper
173 100
175 45.6 38.6 57.8
254 9.1 7.6 11.4





#60
Isopropylbenzene
Concen: 12.877 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

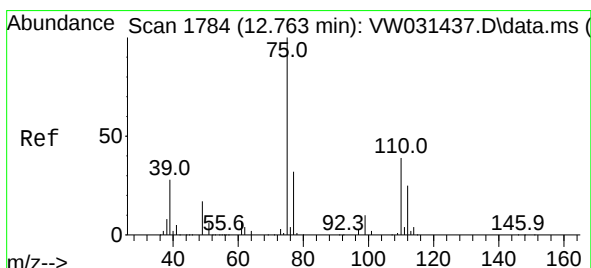
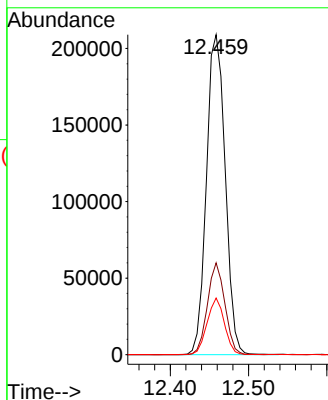
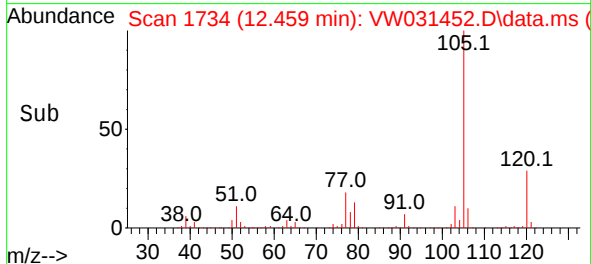
Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS



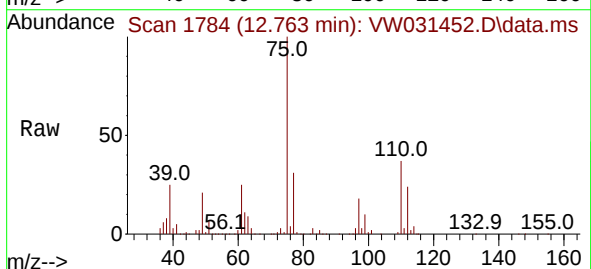
Tgt Ion:105 Resp: 34787
Ion Ratio Lower Upper
105 100
120 26.6 20.6 31.0
77 16.4 12.8 19.2

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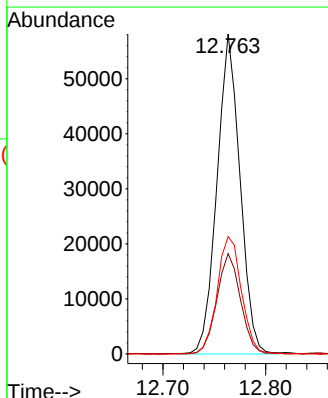
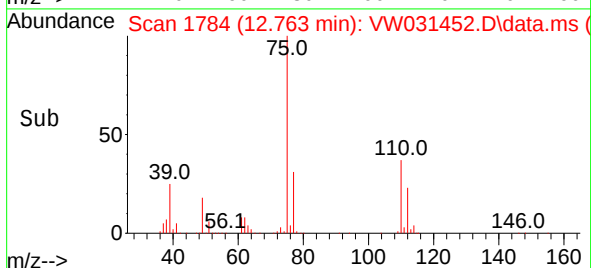
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

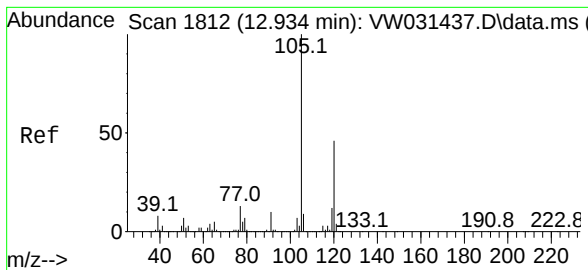


#61
1,2,3-Trichloropropane
Concen: 31.989 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51



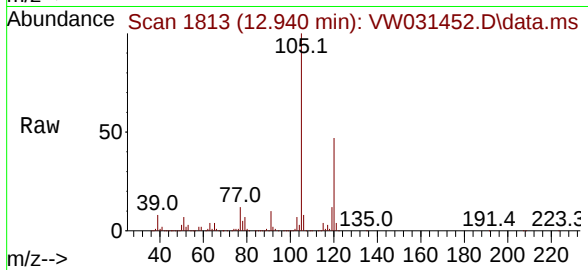
Tgt Ion: 75 Resp: 90363
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 38.6 31.2 46.8





#62
1,3,5-Trimethylbenzene
Concen: 12.572 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

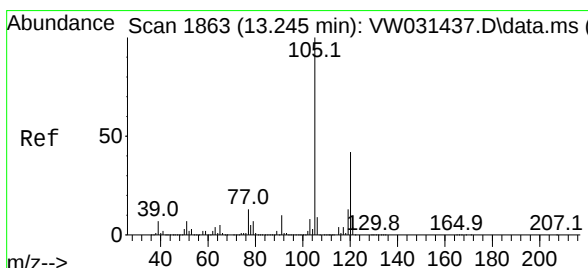
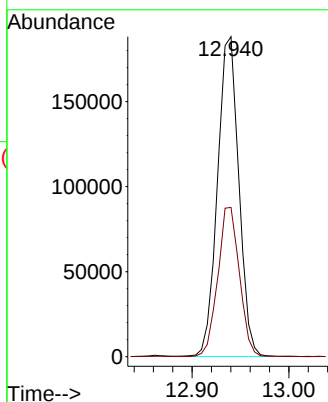
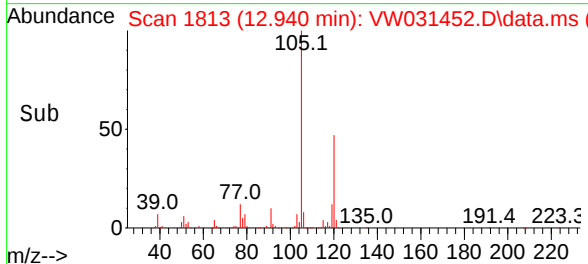
Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS



Tgt Ion:105 Resp: 287940
Ion Ratio Lower Upper
105 100
120 47.4 37.3 55.9

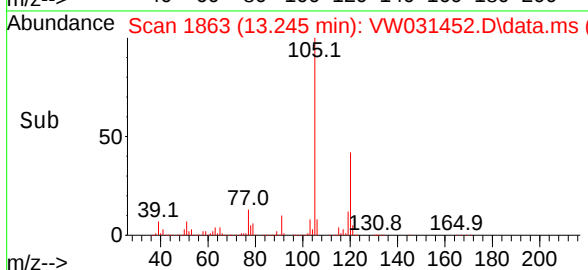
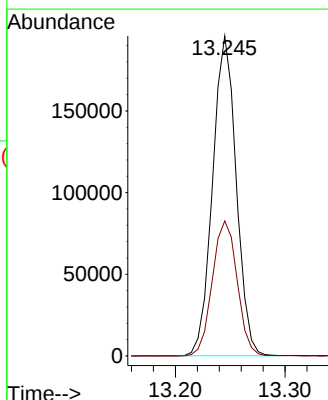
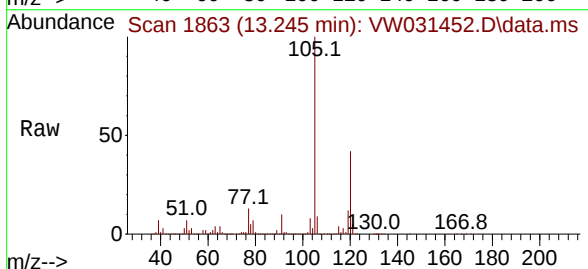
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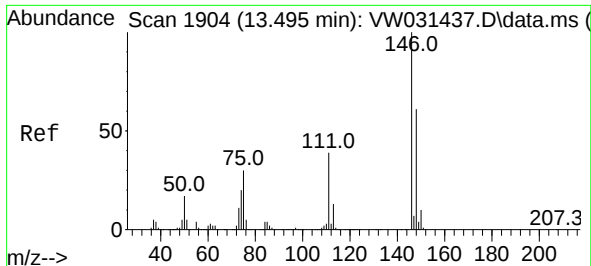
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#63
1,2,4-Trimethylbenzene
Concen: 13.255 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Tgt Ion:105 Resp: 293415
Ion Ratio Lower Upper
105 100
120 44.3 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 14.068 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

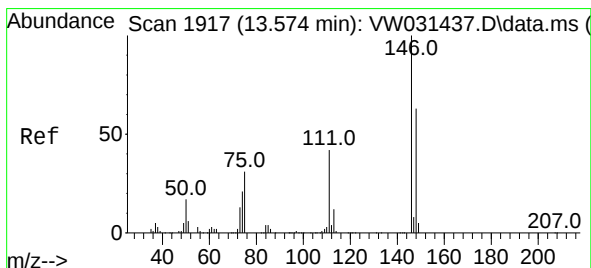
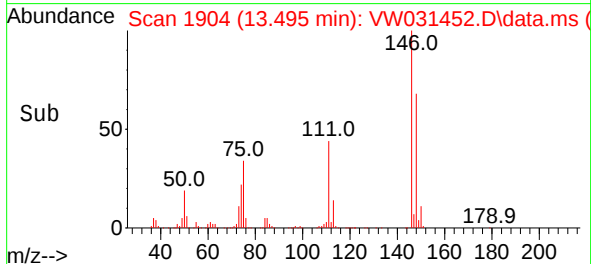
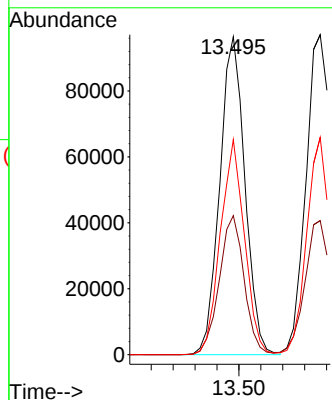
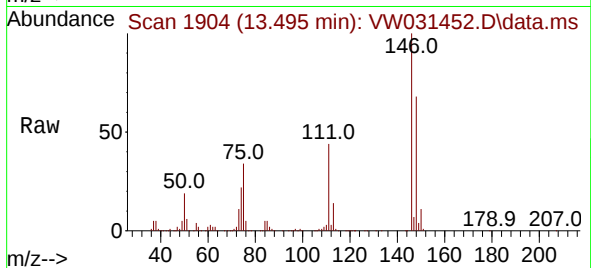
E2AQ1MS

Tgt Ion:146 Resp: 153974
Ion Ratio Lower Upper
146 100
111 43.7 27.6 51.2
148 67.7 41.0 76.2

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Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#65

1,4-Dichlorobenzene

Concen: 14.872 ug/L

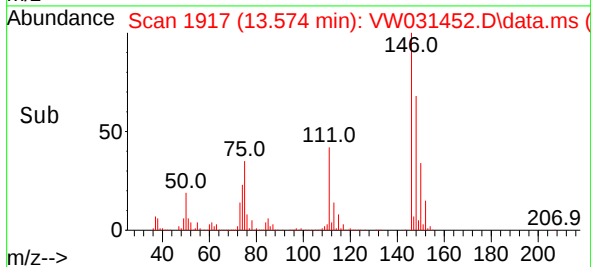
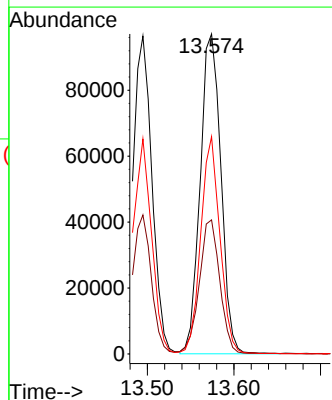
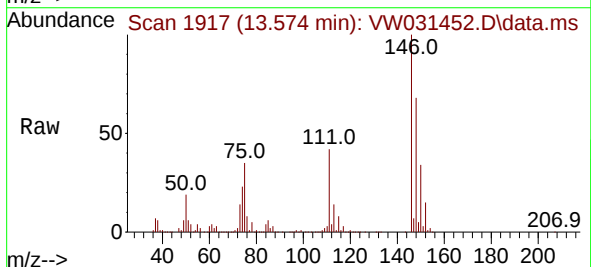
RT: 13.574 min Scan# 1917

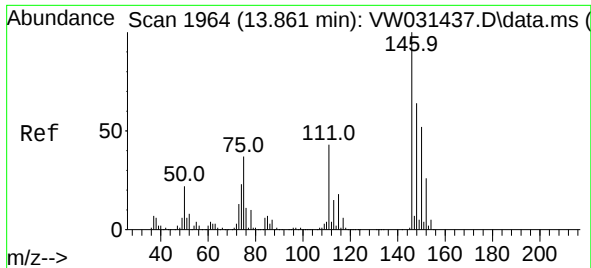
Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Tgt Ion:146 Resp: 161277
Ion Ratio Lower Upper
146 100
111 41.9 30.7 56.9
148 67.9 46.5 86.3





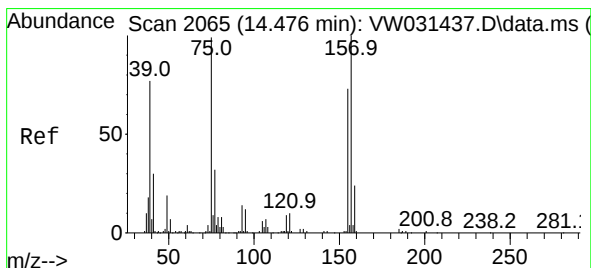
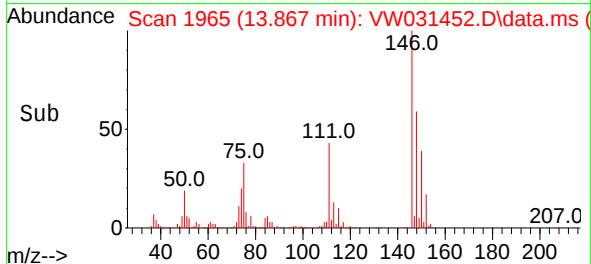
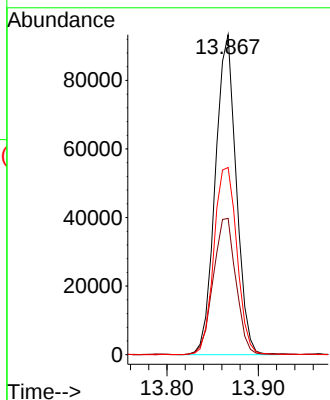
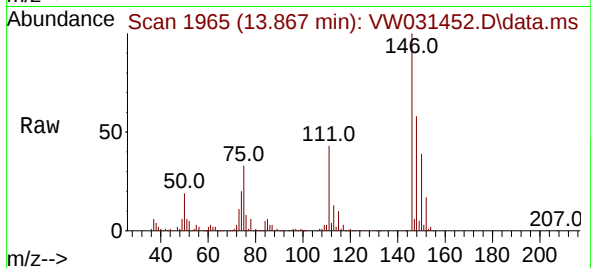
#67
1,2-Dichlorobenzene
Concen: 15.795 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS

Tgt Ion:146 Resp: 148954
Ion Ratio Lower Upper
146 100
111 42.6 38.6 58.0
148 58.5 53.6 80.4

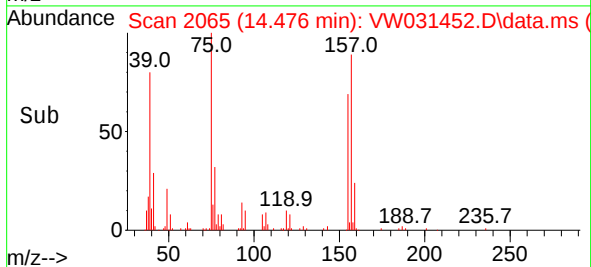
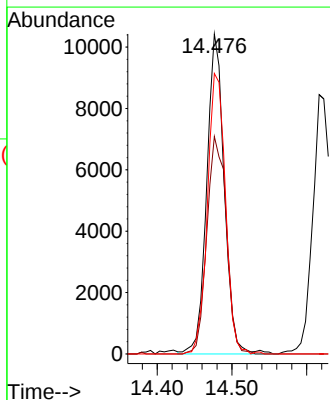
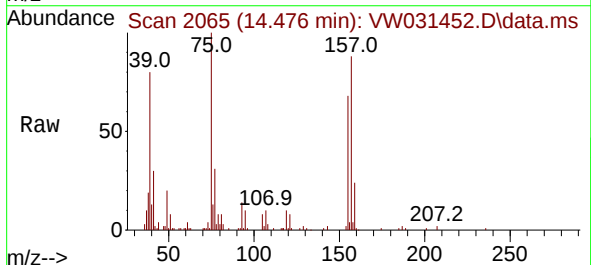
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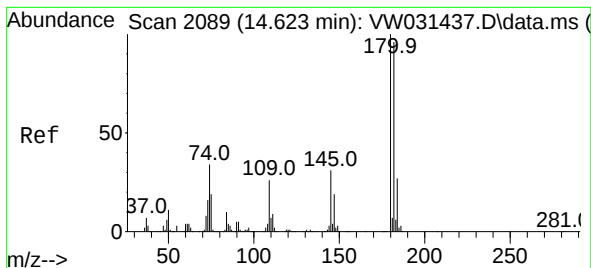
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 23.640 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

Tgt Ion: 75 Resp: 16946
Ion Ratio Lower Upper
75 100
155 68.0 56.6 85.0
157 87.7 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 9.425 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

Instrument :

MSVOA_W

ClientSampleId :

E2AQ1MS

Tgt Ion:180 Resp: 7224

Ion Ratio Lower Upper

180 100

182 96.0 75.0 112.4

184 29.7 24.6 36.8

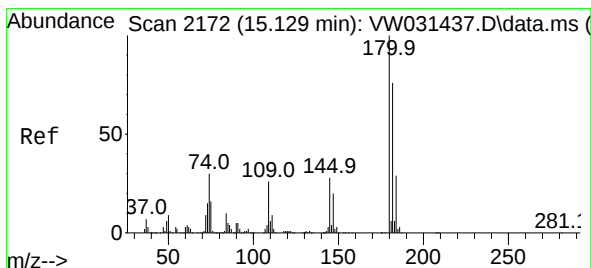
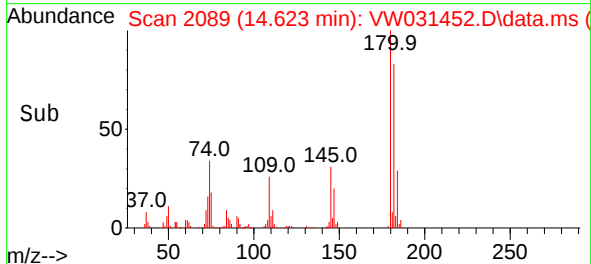
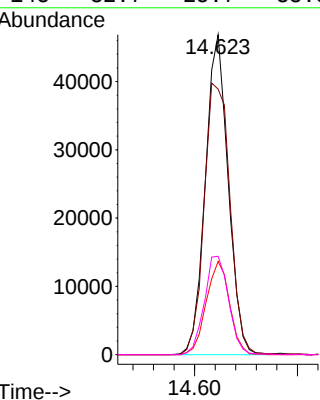
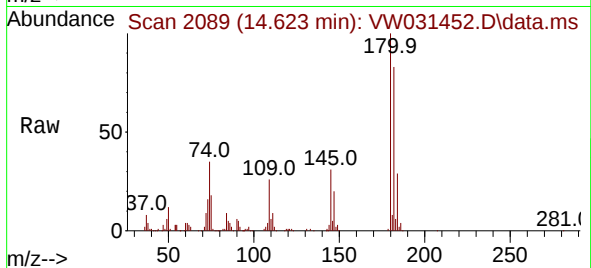
145 32.7 25.7 38.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#70

1,2,4-trichlorobenzene

Concen: 10.149 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031452.D

Acq: 21 Dec 2024 01:51

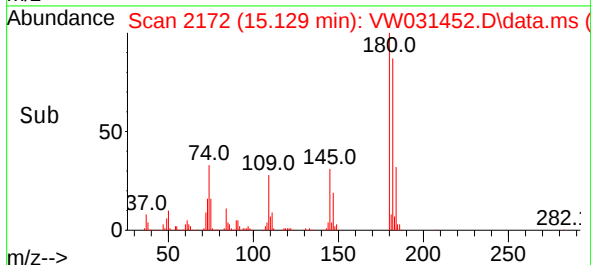
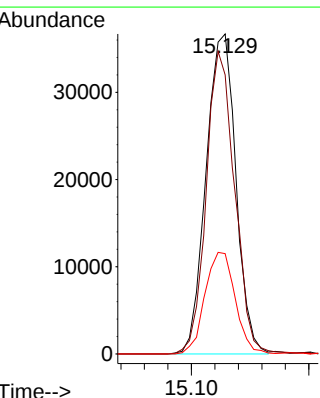
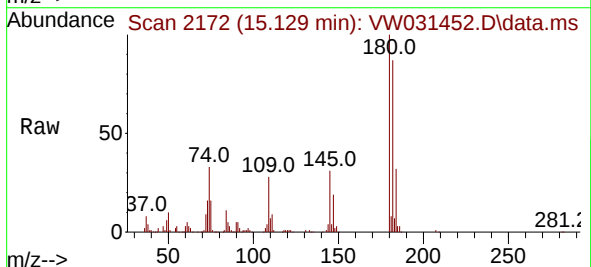
Tgt Ion:180 Resp: 64719

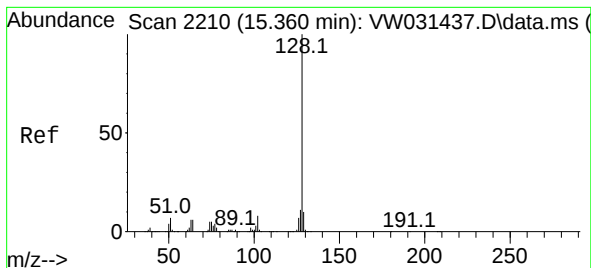
Ion Ratio Lower Upper

180 100

182 90.3 78.2 117.2

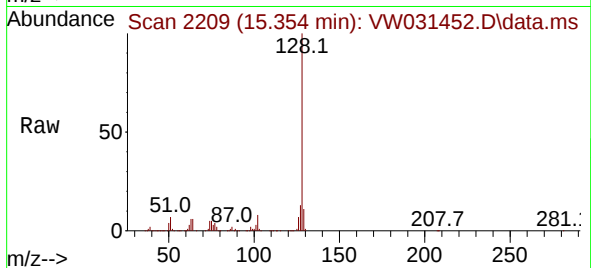
145 32.2 26.7 40.1





#71
Naphthalene
Concen: 16.432 ug/L
RT: 15.354 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51

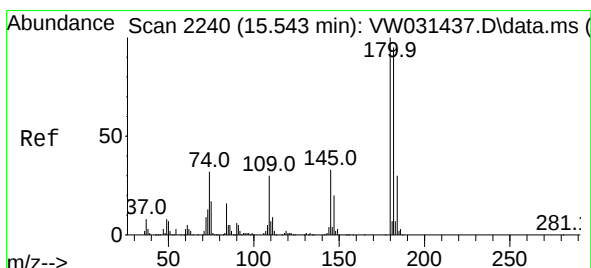
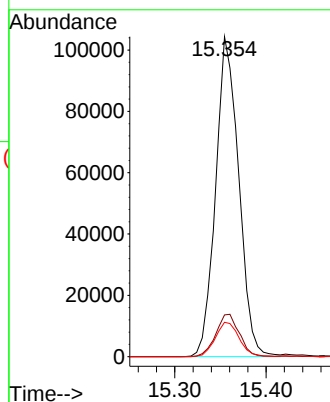
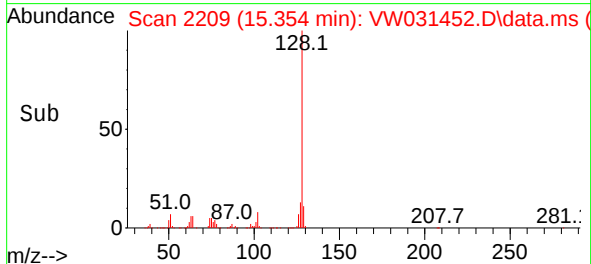
Instrument :
MSVOA_W
ClientSampleId :
E2AQ1MS



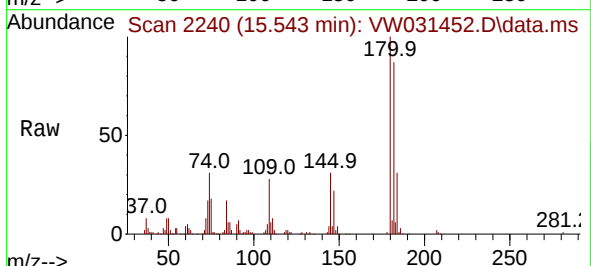
Tgt Ion:128 Resp: 183700
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.1 8.6 13.0

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Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#72
1,2,3-Trichlorobenzene
Concen: 10.569 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW031452.D
Acq: 21 Dec 2024 01:51



Tgt Ion:180 Resp: 54300
Ion Ratio Lower Upper
180 100
182 97.3 75.0 112.4
145 36.1 27.8 41.6

