

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024401.D
 Acq On : 27 Aug 2022 15:18
 Operator : SY/VA
 Sample : N4346-10MSD
 Misc : 5.85g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVU8MSD

Quant Time: Aug 29 01:48:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 01:46:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

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 Dadoda
 08/30/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	176603	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	167491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	83397	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.337	65	95714	19.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.640%
7) Chloroethane-d5	2.873	69	55279	15.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.640%
11) 1,1-Dichloroethene-d2	4.001	63	63832	15.119	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.480%
21) 2-Butanone-d5	7.086	46	34128m	38.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.120%
24) Chloroform-d	7.647	84	108000	19.022	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.080%
26) 1,2-Dichloroethane-d4	8.305	65	78594	22.826	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.320%
32) Benzene-d6	8.275	84	237970	24.798	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	9.275	67	76952	25.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.120%
41) Toluene-d8	10.323	98	222706	24.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.640%
43) trans-1,3-Dichloroprop...	10.579	79	32326	23.146	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.600%
47) 2-Hexanone-d5	10.921	63	40568	60.743	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.480%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	89365	26.448	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	13.847	152	76939	24.499	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.000%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.001	85	4282m	2.421	ug/L
3) Chloromethane	2.209	50	38156	11.546	ug/L
5) Vinyl chloride	2.349	62	103328	17.886	ug/L
6) Bromomethane	2.763	94	50081	12.350	ug/L
8) Chloroethane	2.910	64	38916	12.895	ug/L
9) Trichlorofluoromethane	3.245	101	66112	24.336	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	32573	12.501	ug/L
12) 1,1-Dichloroethene	4.019	96	28318	13.424	ug/L
13) Acetone	4.123	43	17317	32.362	ug/L
14) Carbon disulfide	4.367	76	89797	12.809	ug/L
15) Methyl Acetate	4.672	43	17929m	13.696	ug/L
16) Methylene chloride	4.903	84	36803	12.426	ug/L
17) trans-1,2-Dichloroethene	5.415	96	31382	12.568	ug/L
18) Methyl tert-butyl Ether	5.422	73	58176	14.230	ug/L
19) 1,1-Dichloroethane	6.208	63	59063	12.509	ug/L
20) cis-1,2-Dichloroethene	7.165	96	37618	13.700	ug/L
22) 2-Butanone	7.177	43	30117	31.546	ug/L
23) Bromochloromethane	7.513	128	20733	15.464	ug/L
25) Chloroform	7.671	83	86992	16.606	ug/L

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 Dadoda
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	73871	19.373	ug/L	97
29) Cyclohexane	7.952	56	66912	18.530	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	78263	19.819	ug/L	99
31) Carbon tetrachloride	8.061	117	68427	18.941	ug/L	100
33) Benzene	8.317	78	229084	21.968	ug/L	100
34) Trichloroethene	9.092	95	61235	22.280	ug/L	97
35) Methylcyclohexane	9.329	83	83095	18.844	ug/L	100
37) 1,2-Dichloropropane	9.366	63	56893	21.141	ug/L #	97
38) Bromodichloromethane	9.640	83	78277	21.359	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	78541	20.878	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	88204	46.092	ug/L	99
42) Toluene	10.384	91	247135	21.474	ug/L	91
44) trans-1,3-Dichloropropene	10.604	75	71087	19.447	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	48295	22.007	ug/L	92
46) Tetrachloroethene	10.860	164	411005	192.549	ug/L	92
48) 2-Hexanone	10.969	43	64591	45.760	ug/L	97
49) Dibromochloromethane	11.128	129	53434	20.586	ug/L	98
50) 1,2-Dibromoethane	11.231	107	47953	22.728	ug/L #	94
51) Chlorobenzene	11.652	112	160605	20.792	ug/L	97
52) Ethylbenzene	11.725	91	266753	20.966	ug/L	98
53) m,p-Xylene	11.835	106	103478	20.709	ug/L	100
54) o-Xylene	12.164	106	96787	20.720	ug/L	93
55) Styrene	12.176	104	176321	21.354	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	65038	21.232	ug/L	98
59) Bromoform	12.347	173	30106	22.495	ug/L	96
60) Isopropylbenzene	12.463	105	258696	23.355	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	46483	24.647	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	196399	21.990	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	194282	22.395	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	108412	20.471	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	113462	20.293	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	104323	21.015	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	9681	20.432	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	52774	15.439	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	42233	15.894	ug/L	96
71) Naphthalene	15.359	128	107960	18.500	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	38738	15.425	ug/L	98

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

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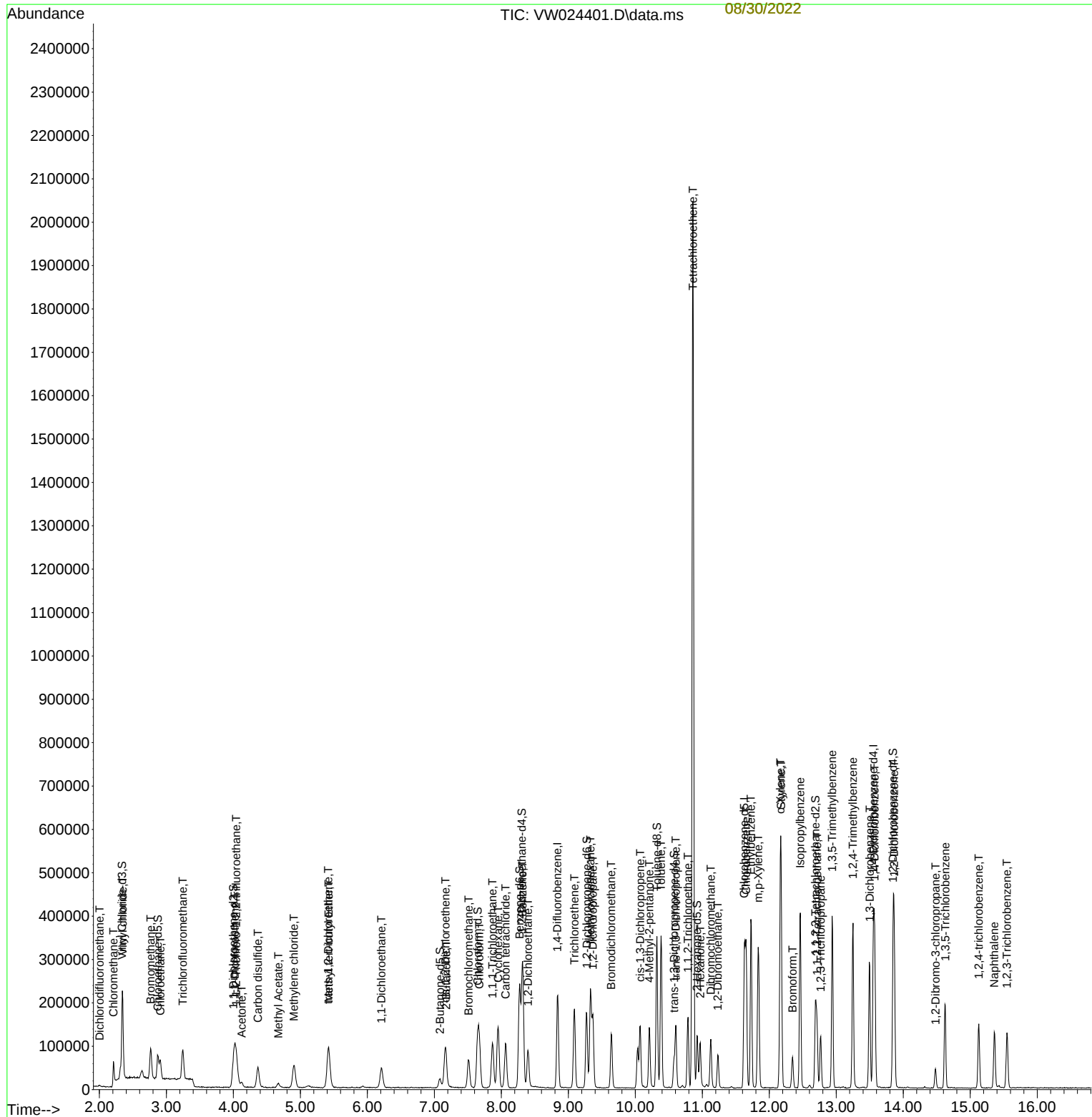
Instrument :
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ClientSampleId :
DBVU8MSD

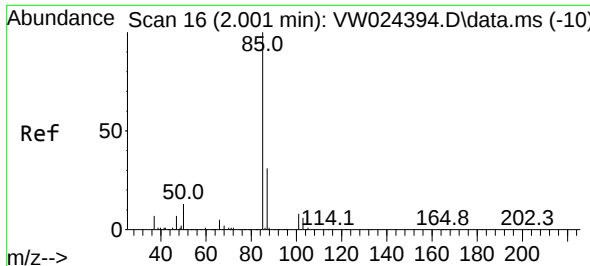
Manual Integrations
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Supervised By :Mahesh Dadoda 08/30/2022

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08/30/2022

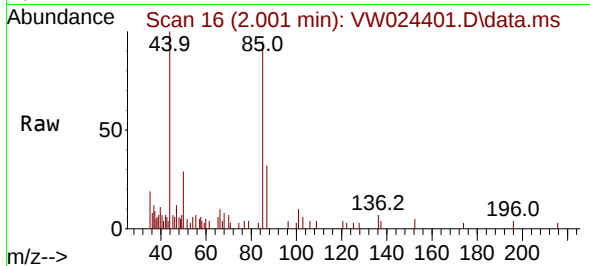
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#2
Dichlorodifluoromethane
Concen: 2.421 ug/L m
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

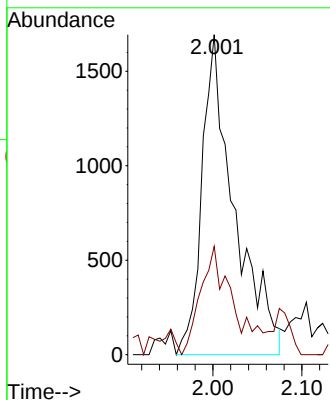
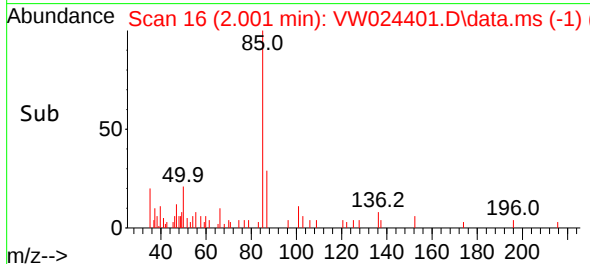
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD



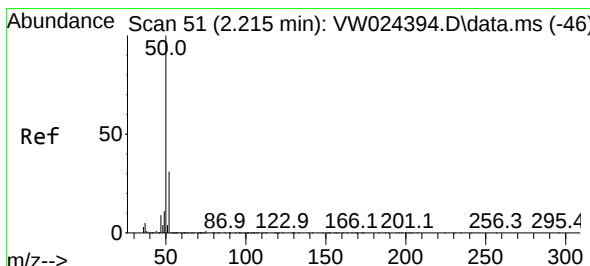
Tgt Ion: 85 Resp: 428
Ion Ratio Lower Upper
85 100
87 1.0 24.7 37.1

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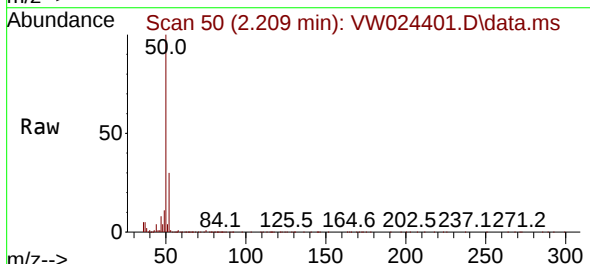
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



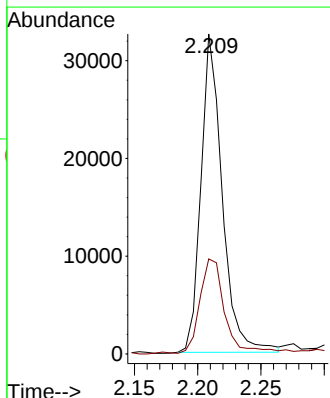
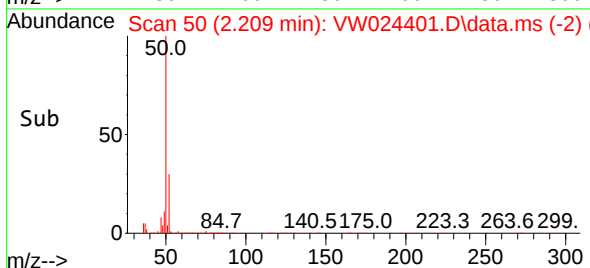
Supervised By :Mahesh
Dadoda
08/30/2022

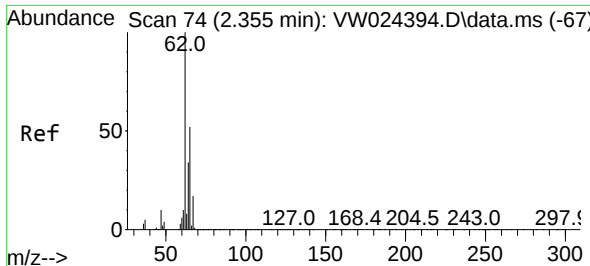


#3
Chloromethane
Concen: 11.546 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18



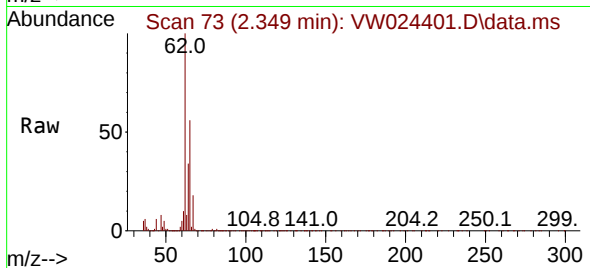
Tgt Ion: 50 Resp: 38156
Ion Ratio Lower Upper
50 100
52 29.7 22.3 41.5





#5
 Vinyl chloride
 Concen: 17.886 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVU8MSD

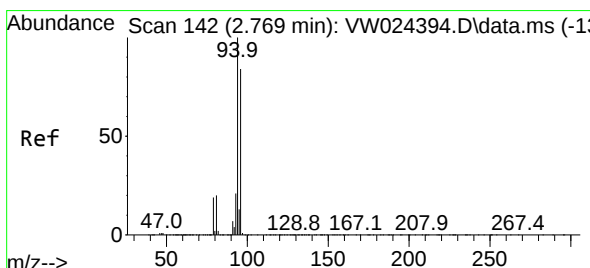
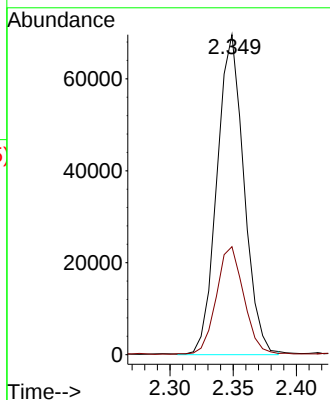
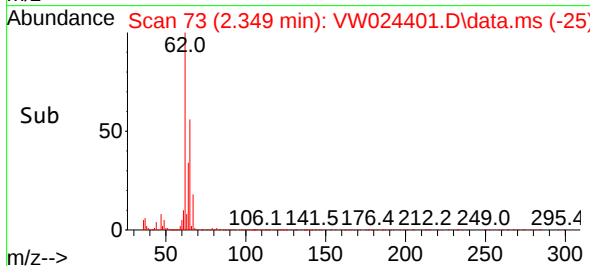


Tgt Ion: 62 Resp: 103328
 Ion Ratio Lower Upper
 62 100
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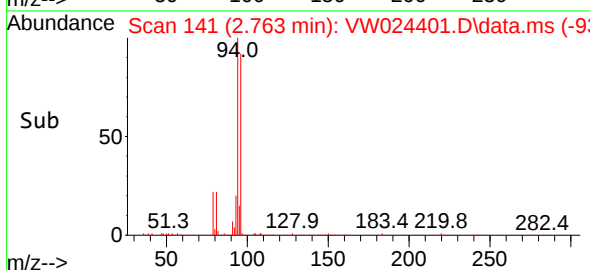
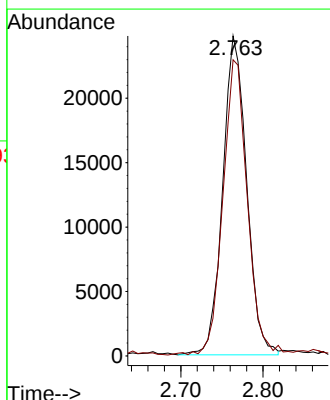
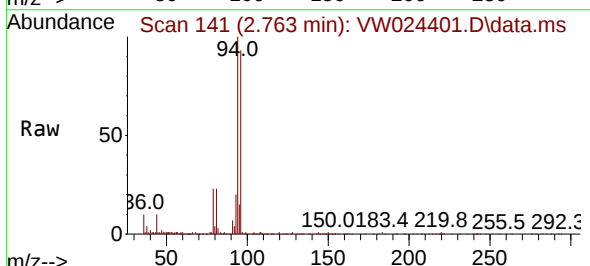
Reviewed By :Semsettin Yesilyurt 08/30/2022
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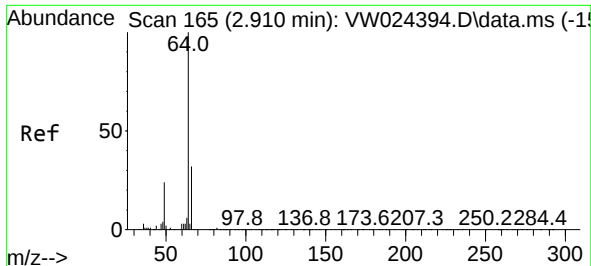
Supervised By :Mahesh
 Dadoda
 08/30/2022



#6
 Bromomethane
 Concen: 12.350 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024401.D
 Acq: 27 Aug 2022 15:18

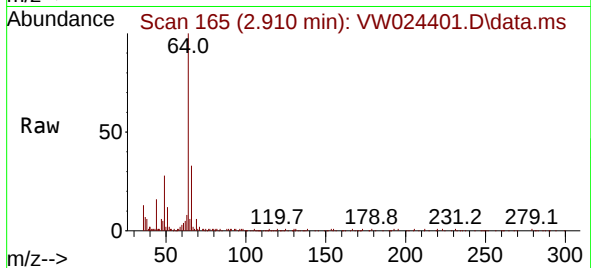
Tgt Ion: 94 Resp: 50081
 Ion Ratio Lower Upper
 94 100
 96 92.6 63.6 118.0





#8
Chloroethane
Concen: 12.895 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

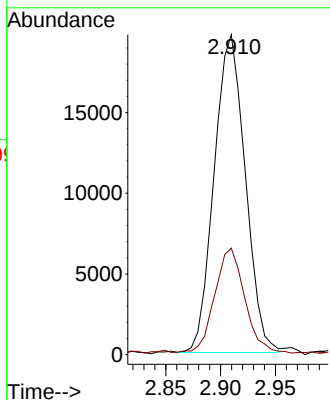
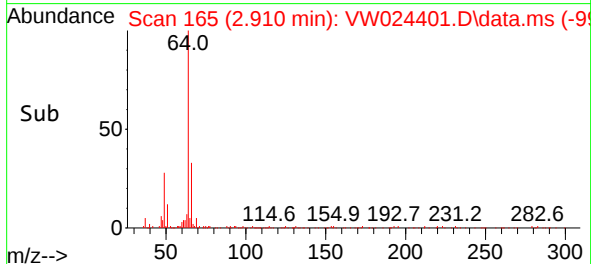
Instrument :
MSVOA_W
ClientSampleId :
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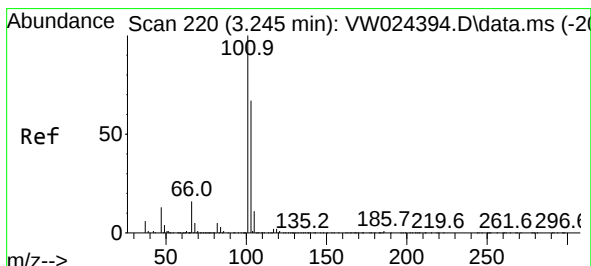
Tgt Ion: 64 Resp: 38910
Ion Ratio Lower Upper
64 100
66 33.3 23.0 42.6

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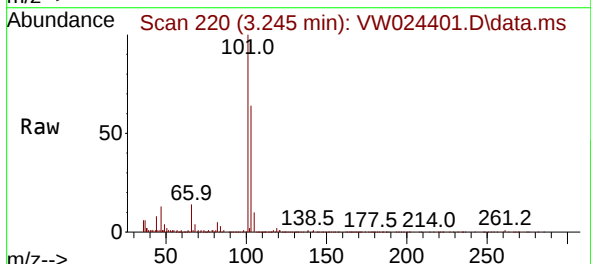
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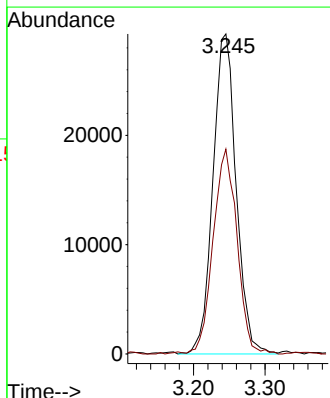
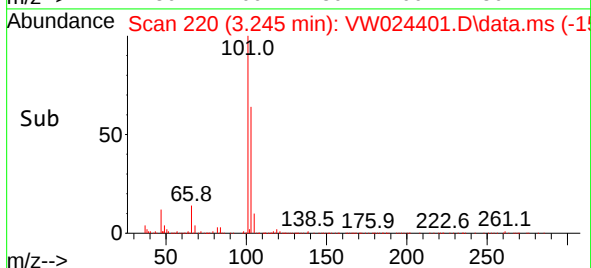
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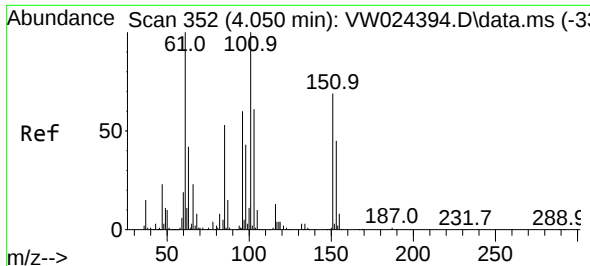


#9
Trichlorofluoromethane
Concen: 24.336 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18



Tgt Ion:101 Resp: 66112
Ion Ratio Lower Upper
101 100
103 65.8 50.4 75.6





#10

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

Concen: 12.501 ug/L

RT: 4.044 min Scan# 352

Delta R.T. -0.006 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MSD

Tgt Ion: 101	Resp: 3257
Ion Ratio	Lower Upper
101 100	
85 0.2	39.1 58.7
151 69.5	56.8 85.2

Manual Integrations

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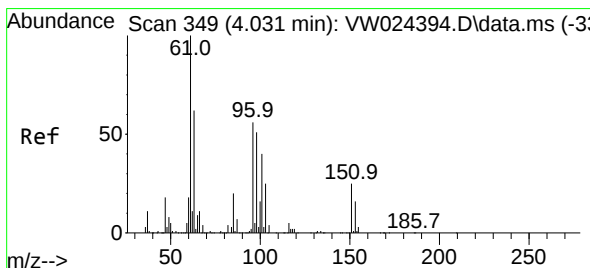
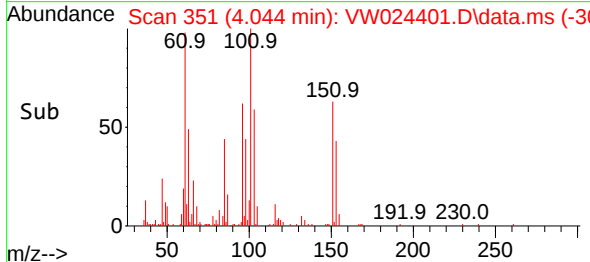
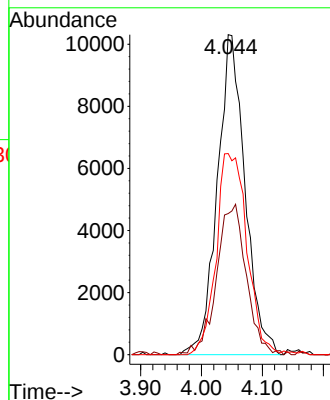
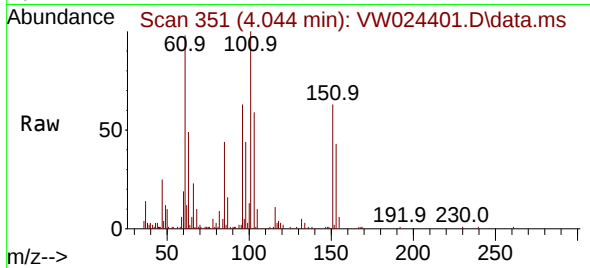
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Supervised By :Mahesh

Dadoda

08/30/2022



#12

1,1-Dichloroethene

Concen: 13.424 ug/L

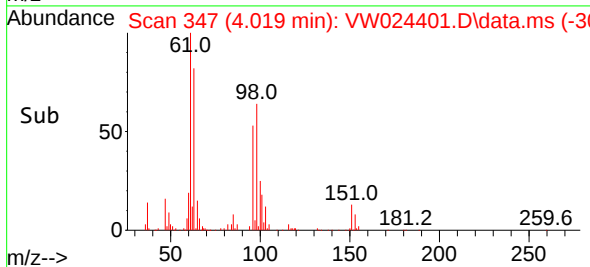
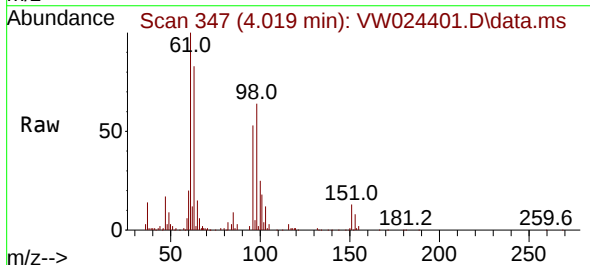
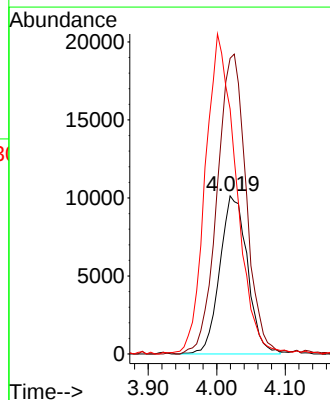
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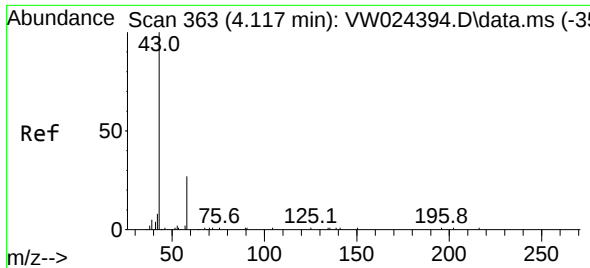
Delta R.T. -0.012 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

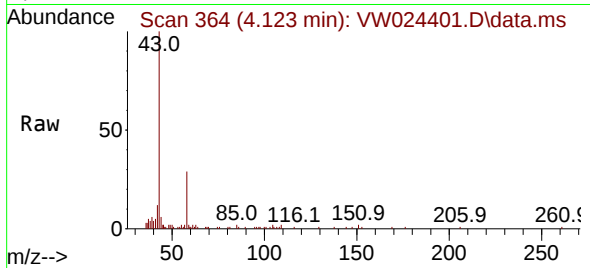
Tgt Ion: 96	Resp: 28318
Ion Ratio	Lower Upper
96 100	
61 187.0	118.8 220.6
63 155.0	72.8 135.2





#13
Acetone
Concen: 32.362 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.006 min
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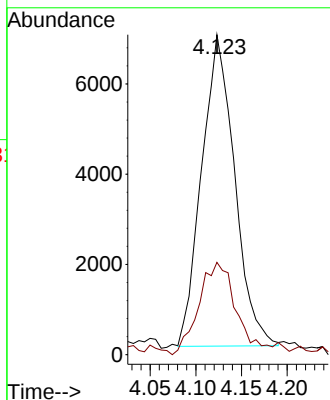
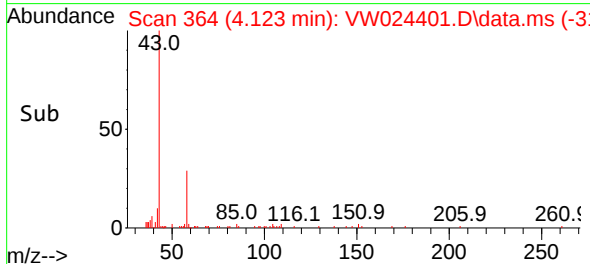
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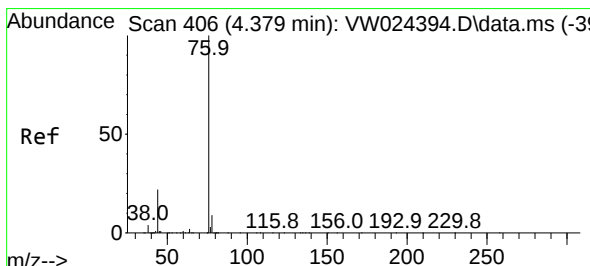
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Ion Ratio Lower Upper
43 100
58 33.7 0.0 58.4

Manual Integrations
APPROVED

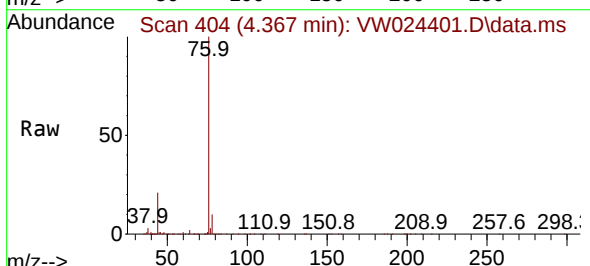
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



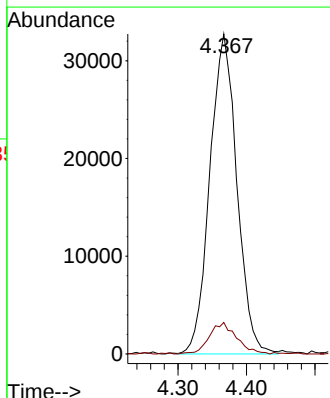
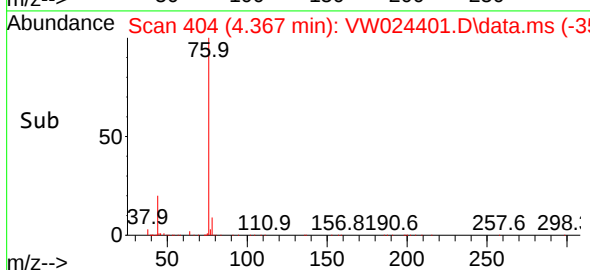
Supervised By :Mahesh
Dadoda
08/30/2022

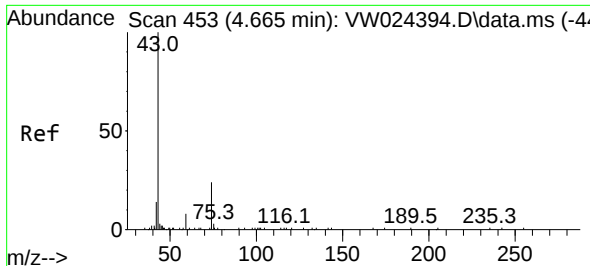


#14
Carbon disulfide
Concen: 12.809 ug/L
RT: 4.367 min Scan# 404
Delta R.T. -0.012 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18



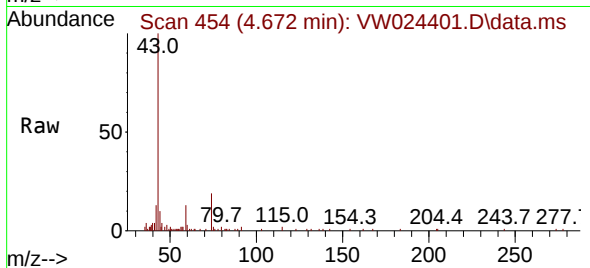
Tgt Ion: 76 Resp: 89797
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2





#15
Methyl Acetate
Concen: 13.696 ug/L m
RT: 4.672 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

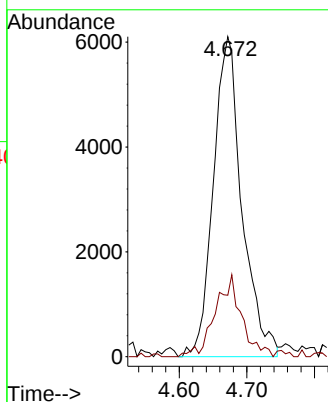
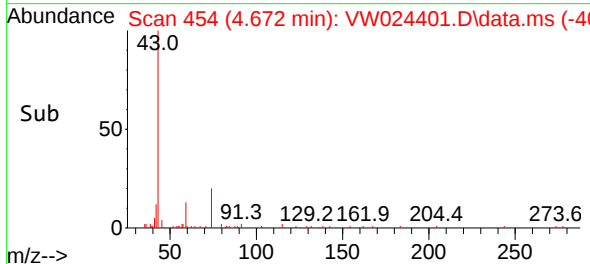
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD



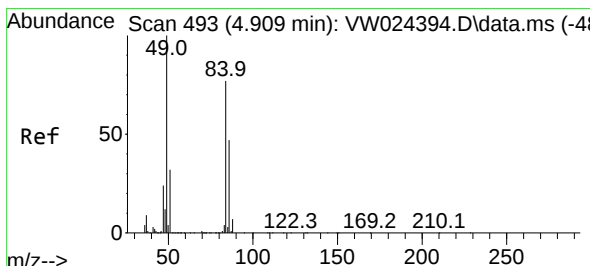
Tgt Ion: 43 Resp: 17929
Ion Ratio Lower Upper
43 100
74 0.2 17.9 26.9

Manual Integrations
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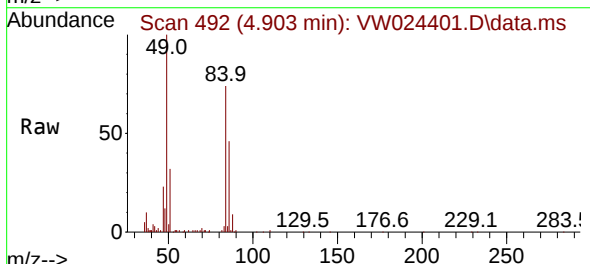
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



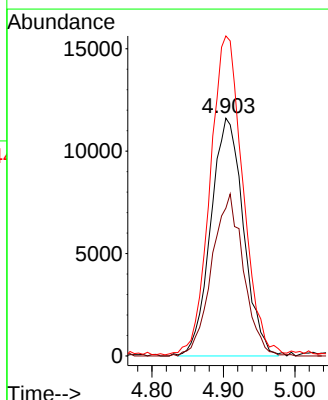
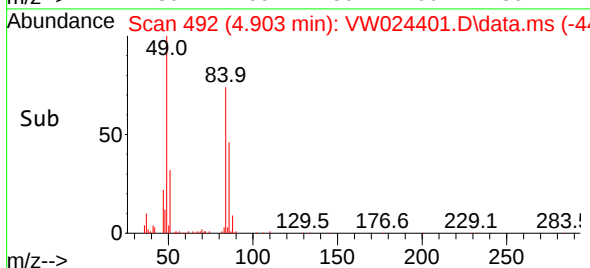
Supervised By :Mahesh
Dadoda
08/30/2022

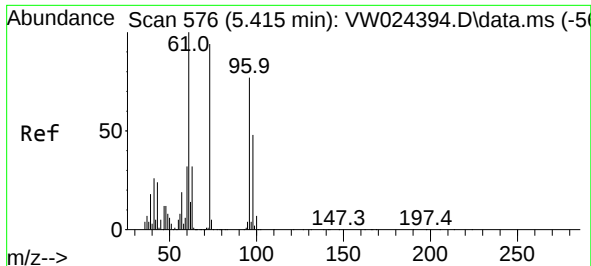


#16
Methylene chloride
Concen: 12.426 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18



Tgt Ion: 84 Resp: 36803
Ion Ratio Lower Upper
84 100
86 62.1 47.7 88.7
49 134.6 96.6 179.4





#17
trans-1,2-Dichloroethene
Concen: 12.568 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

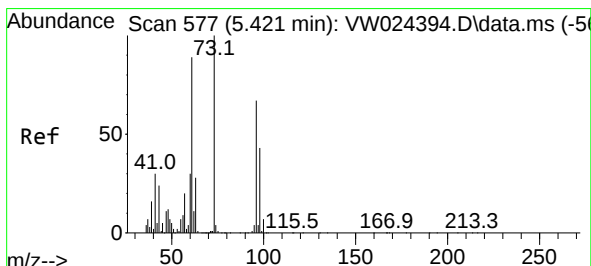
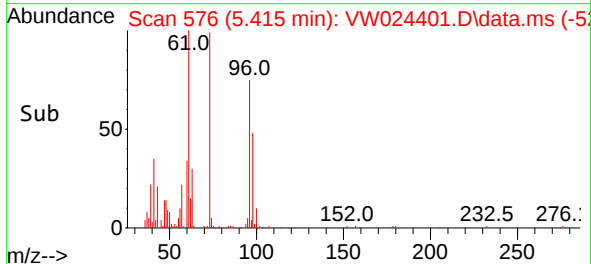
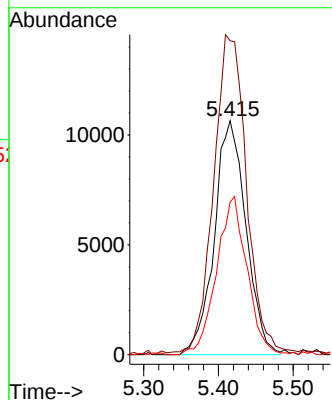
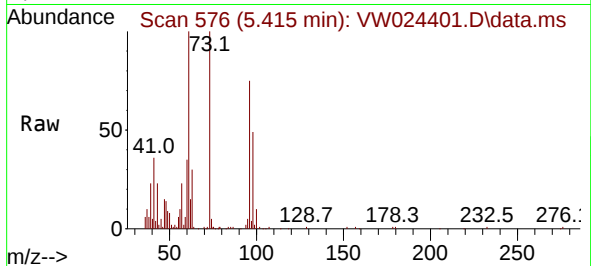
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD

Tgt Ion: 96 Resp: 3138
Ion Ratio Lower Upper
96 100
61 134.2 92.1 171.1
98 65.3 44.7 83.1

Manual Integrations
APPROVED

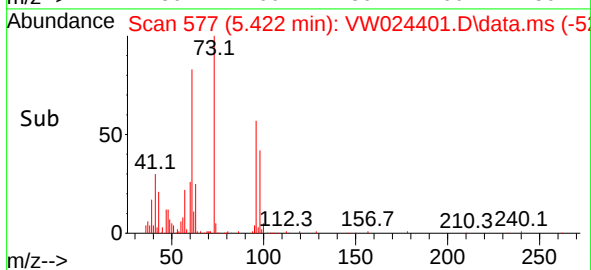
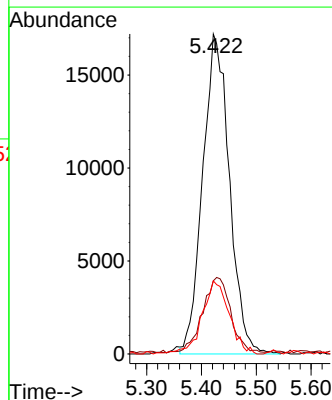
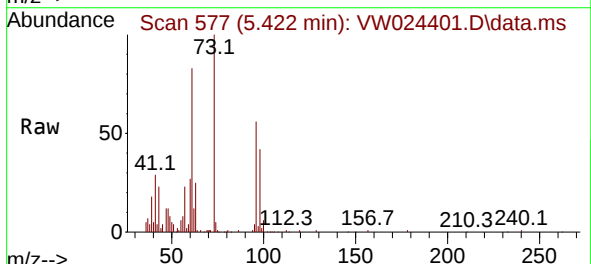
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

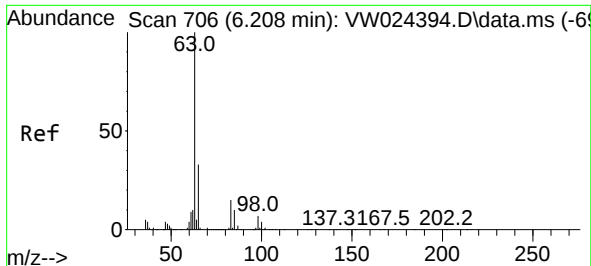
Supervised By :Mahesh
Dadoda
08/30/2022



#18
Methyl tert-butyl Ether
Concen: 14.230 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion: 73 Resp: 58176
Ion Ratio Lower Upper
73 100
43 23.9 18.8 28.2
57 22.3 18.1 27.1





#19

1,1-Dichloroethane

Concen: 12.509 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MSD

Tgt Ion: 63	Resp: 5906
Ion Ratio	Lower Upper
63 100	
65 30.6	23.6 43.8
83 15.9	10.4 19.4

Manual Integrations

APPROVED

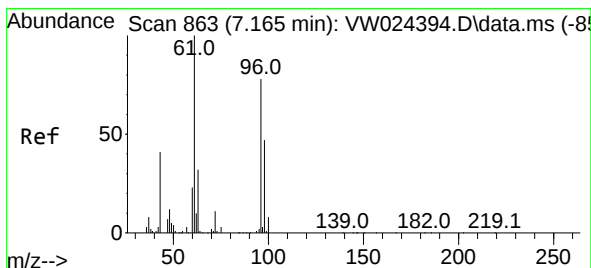
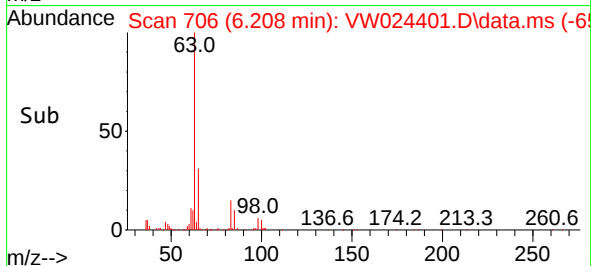
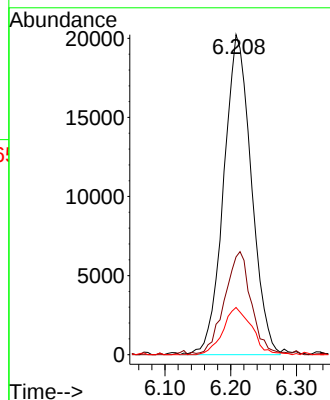
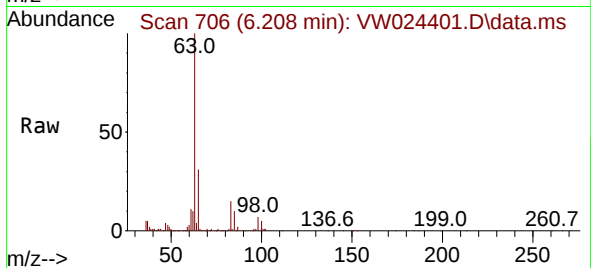
Reviewed By :Semsettin Yesilyurt 08/30/2022

Supervised By :Mahesh Dadoda 08/30/2022

Supervised By :Mahesh

Dadoda

08/30/2022



#20

cis-1,2-Dichloroethene

Concen: 13.700 ug/L

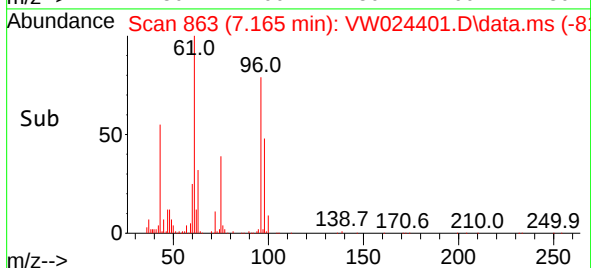
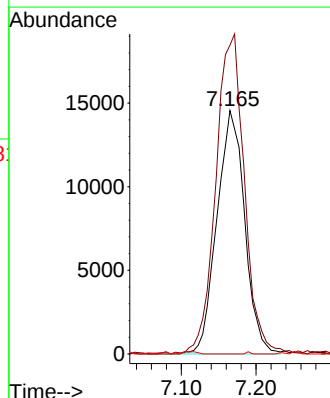
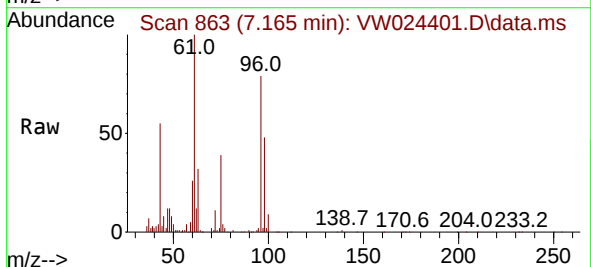
RT: 7.165 min Scan# 863

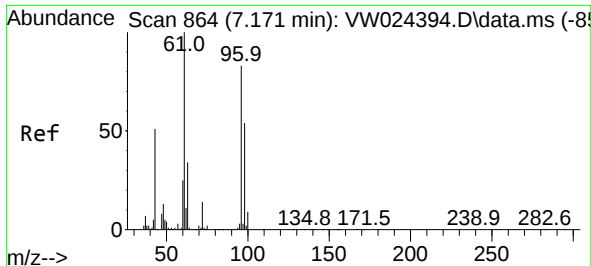
Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

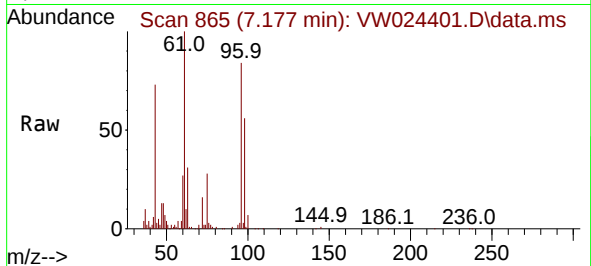
Tgt Ion: 96	Resp: 37618
Ion Ratio	Lower Upper
96 100	
61 126.9	90.2 167.6
68 0.0	0.0 0.0





#22
2-Butanone
Concen: 31.546 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

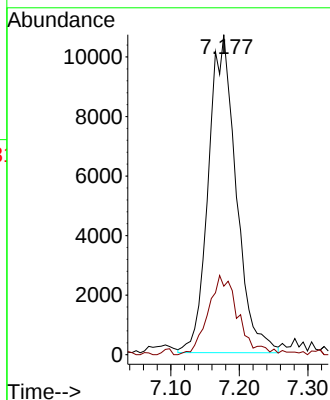
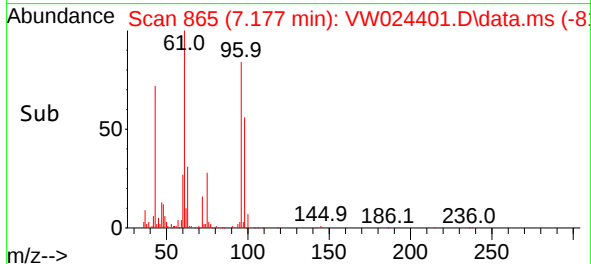
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD



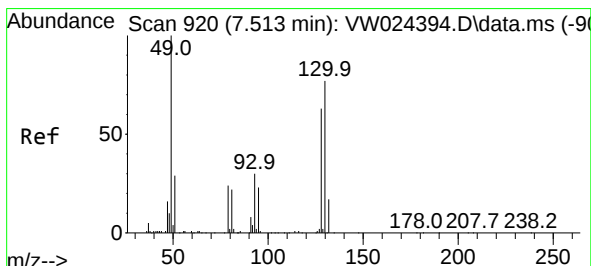
Tgt Ion: 43 Resp: 3011
Ion Ratio Lower Upper
43 100
72 15.0 13.9 41.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

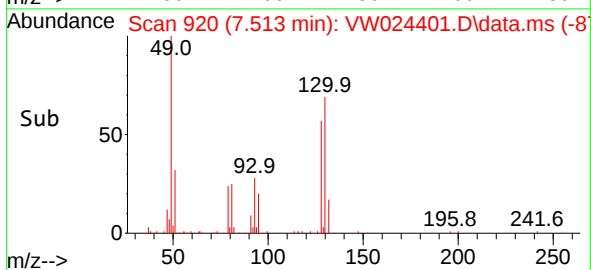
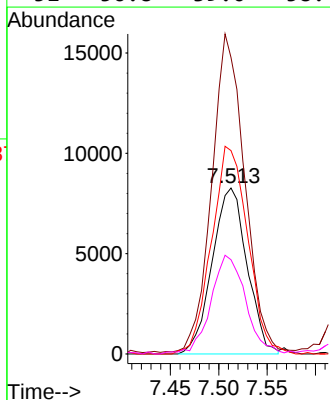
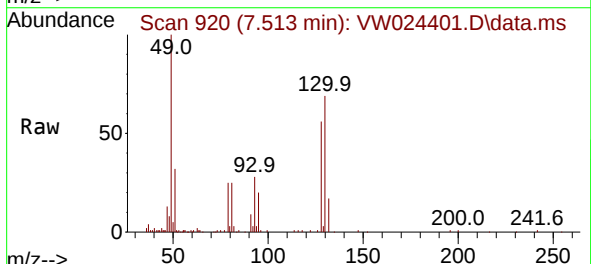


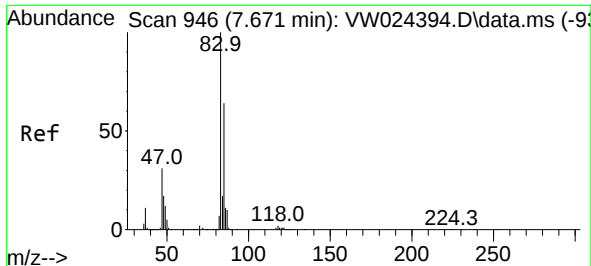
Supervised By :Mahesh
Dadoda
08/30/2022



#23
Bromochloromethane
Concen: 15.464 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion:128 Resp: 20733
Ion Ratio Lower Upper
128 100
49 178.7 122.1 226.7
130 122.5 91.1 169.1
51 56.8 39.0 58.4





#25

Chloroform

Concen: 16.606 ug/L

RT: 7.671 min Scan# 946

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MSD

Tgt Ion: 83 Resp: 86992

Ion Ratio Lower Upper

83 100

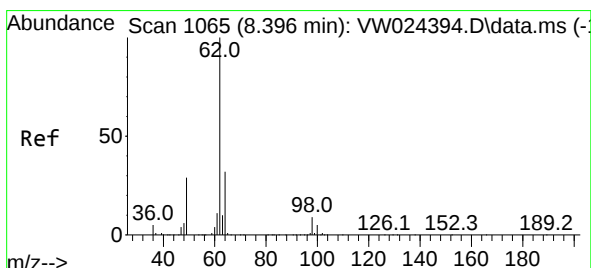
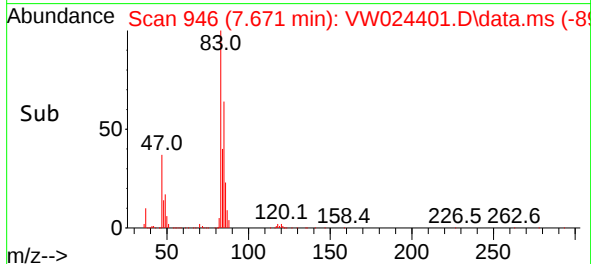
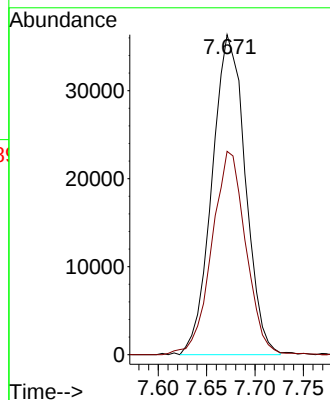
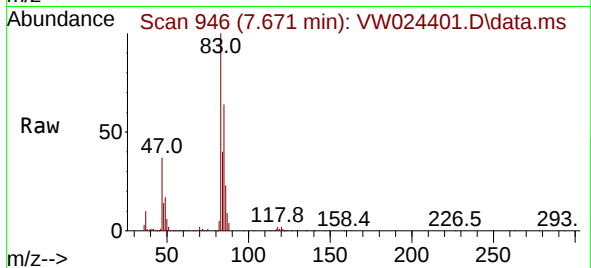
85 63.6 47.5 88.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022

Supervised By :Mahesh Dadoda 08/30/2022



#27

1,2-Dichloroethane

Concen: 19.373 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024401.D

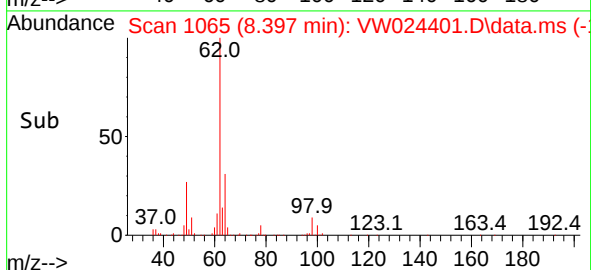
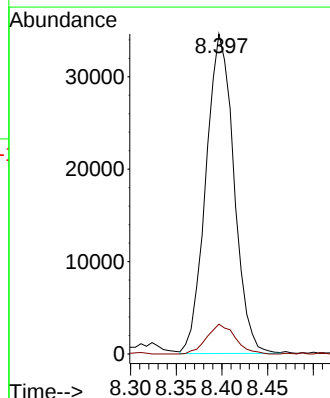
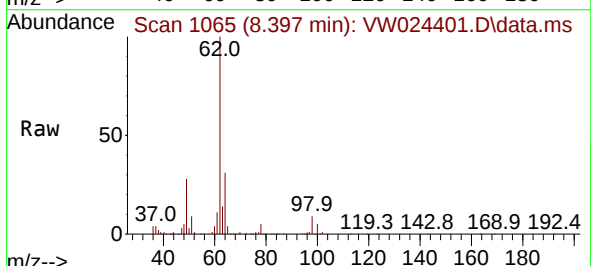
Acq: 27 Aug 2022 15:18

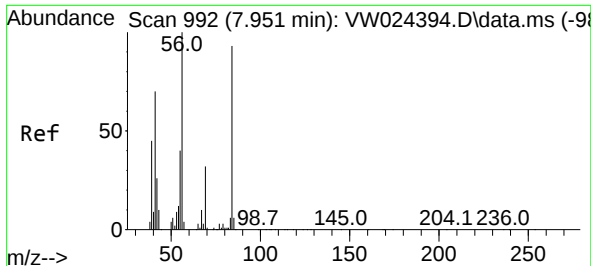
Tgt Ion: 62 Resp: 73871

Ion Ratio Lower Upper

62 100

98 9.3 6.7 10.1





#29

Cyclohexane

Concen: 18.530 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MSD

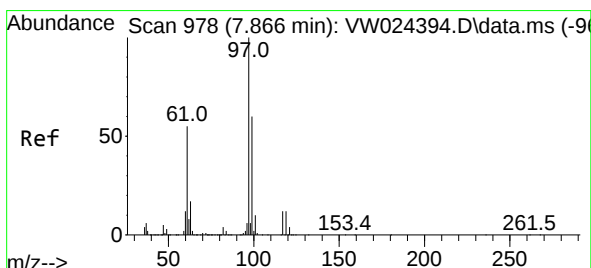
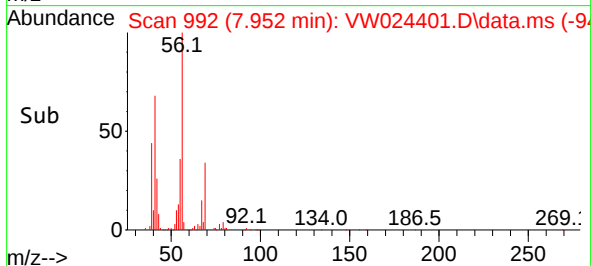
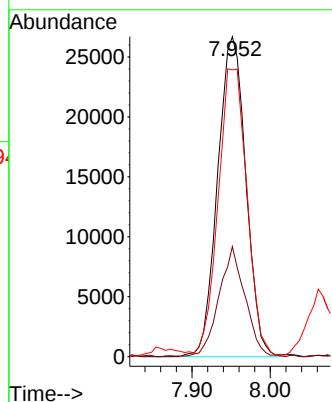
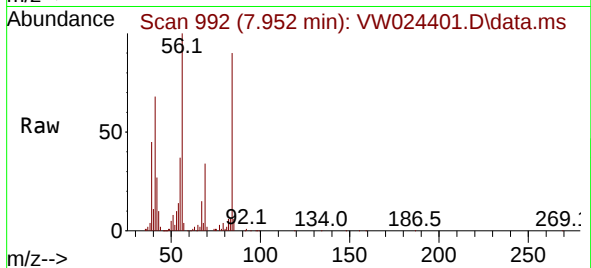
Tgt Ion: 56	Resp: 6691
Ion Ratio	Lower Upper
56	100
69	31.7 23.5 35.3
84	90.9 72.2 108.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

Supervised By :Mahesh
Dadoda
08/30/2022



#30

1,1,1-Trichloroethane

Concen: 19.819 ug/L

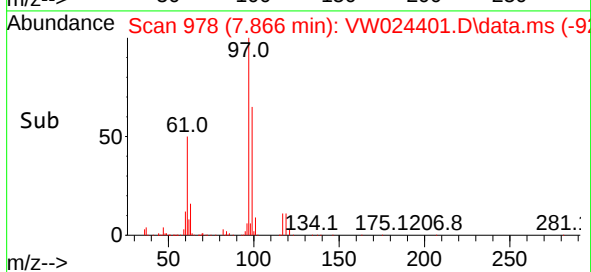
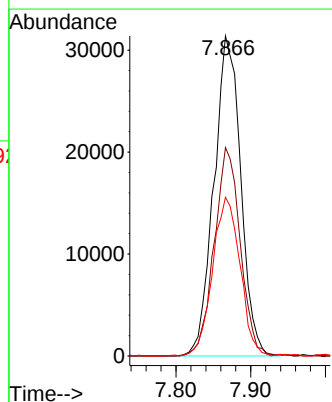
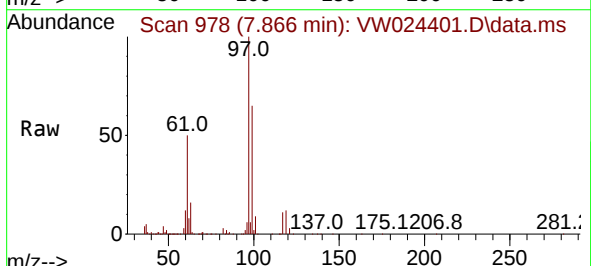
RT: 7.866 min Scan# 978

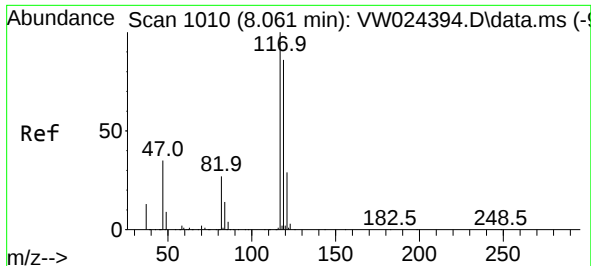
Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

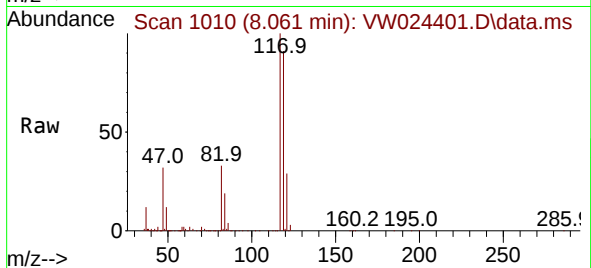
Tgt Ion: 97	Resp: 78263
Ion Ratio	Lower Upper
97	100
99	63.3 50.2 75.2
61	50.8 40.2 60.4





#31
Carbon tetrachloride
Concen: 18.941 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

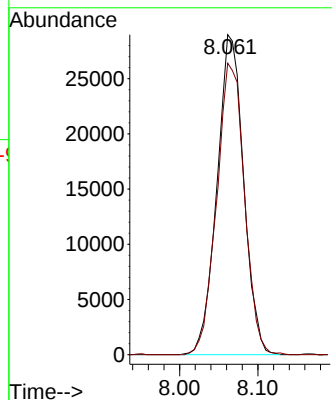
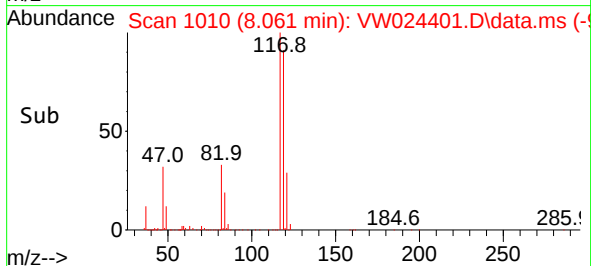
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD



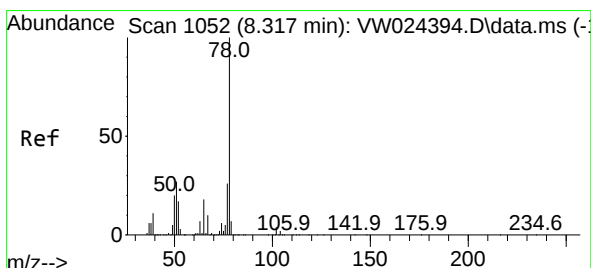
Tgt Ion: 117 Resp: 6842
Ion Ratio Lower Upper
117 100
119 94.8 75.9 113.9

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

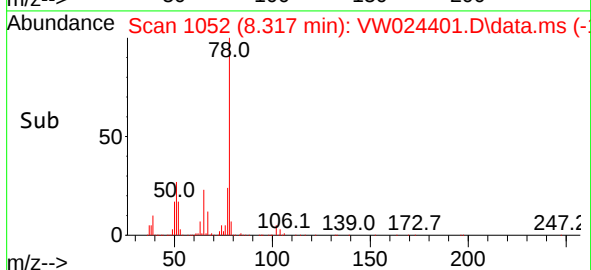
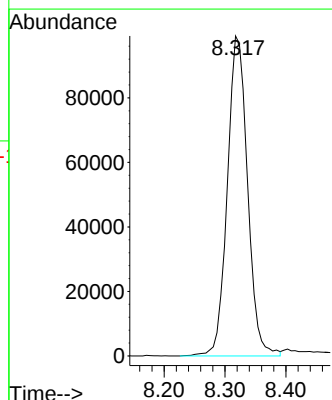
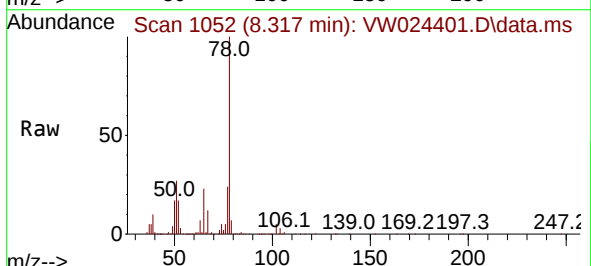


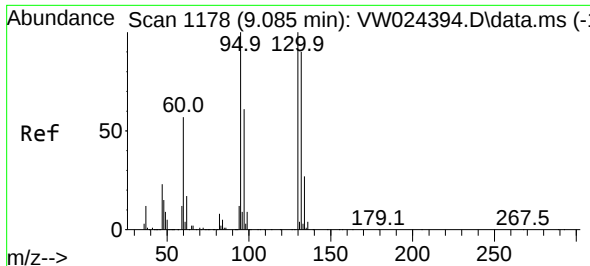
Supervised By :Mahesh
Dadoda
08/30/2022



#33
Benzene
Concen: 21.968 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

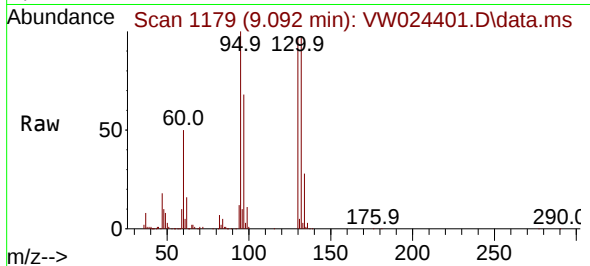
Tgt Ion: 78 Resp: 229084





#34
Trichloroethene
Concen: 22.280 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD

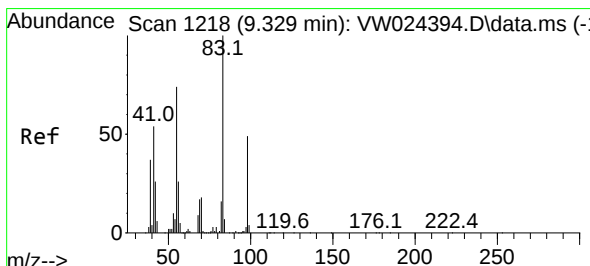
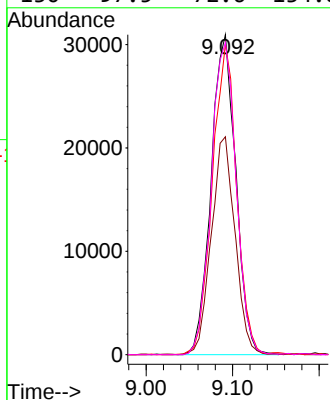
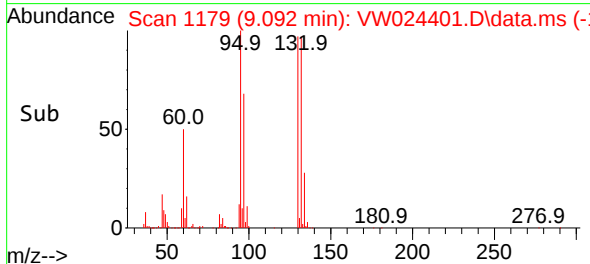


Tgt Ion: 95 Resp: 61235
Ion Ratio Lower Upper
95 100
97 68.1 48.4 89.8
132 97.0 68.6 127.4
130 97.5 72.6 134.8

Manual Integrations
APPROVED

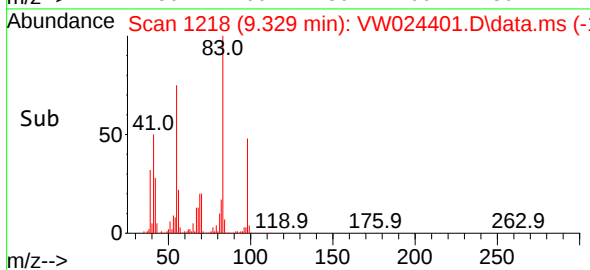
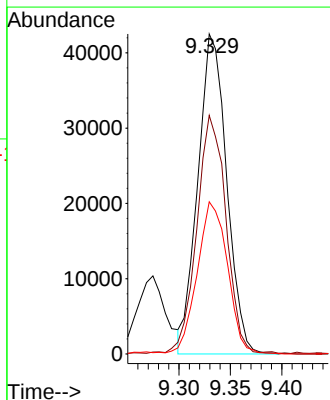
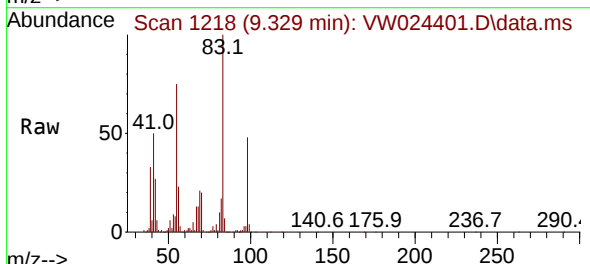
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

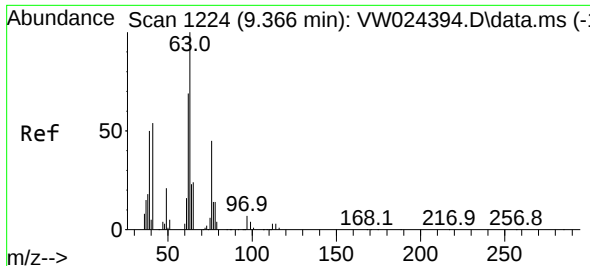
Supervised By :Mahesh
Dadoda
08/30/2022



#35
Methylcyclohexane
Concen: 18.844 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion: 83 Resp: 83095
Ion Ratio Lower Upper
83 100
55 75.1 60.1 90.1
98 50.0 40.5 60.7





#37

1,2-Dichloropropane

Concen: 21.141 ug/L

RT: 9.366 min Scan# 112

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MSD

Tgt Ion: 63 Resp: 5689

Ion Ratio Lower Upper

63 100

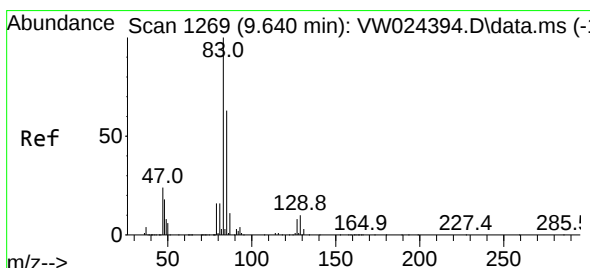
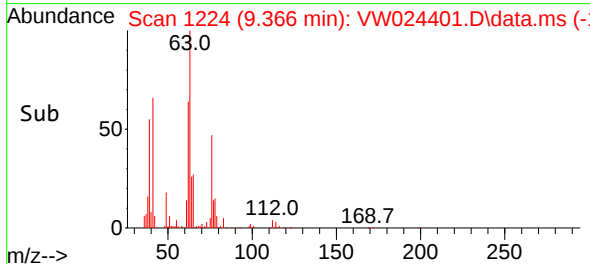
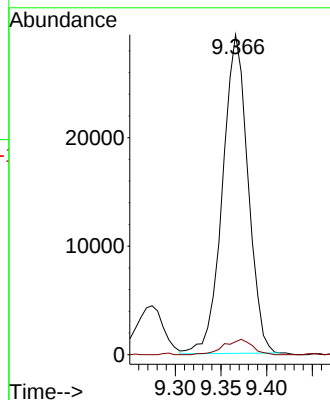
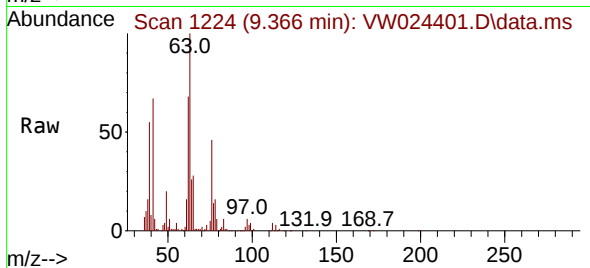
112 5.3 3.4 5.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022

Supervised By :Mahesh Dadoda 08/30/2022



#38

Bromodichloromethane

Concen: 21.359 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

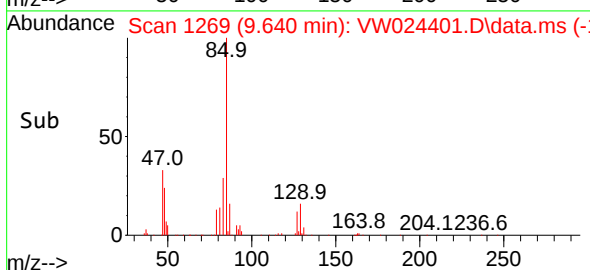
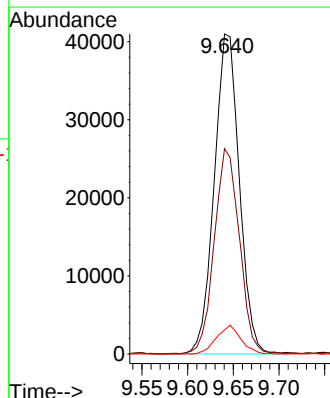
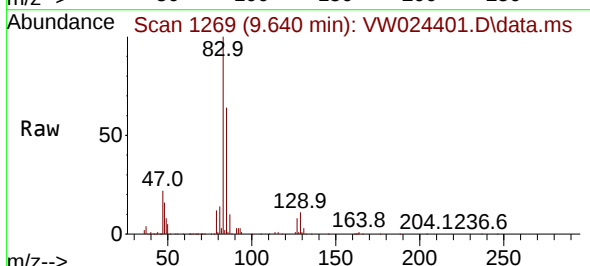
Tgt Ion: 83 Resp: 78277

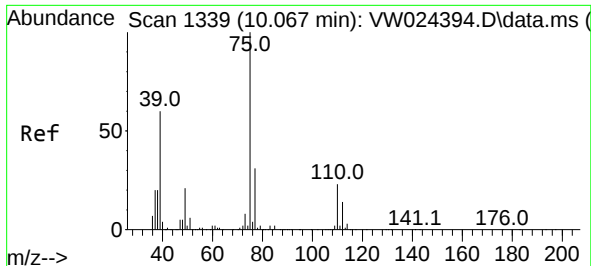
Ion Ratio Lower Upper

83 100

85 64.1 46.3 85.9

127 7.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 20.878 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MSD

Tgt Ion: 75 Resp: 7854

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6

Manual Integrations

APPROVED

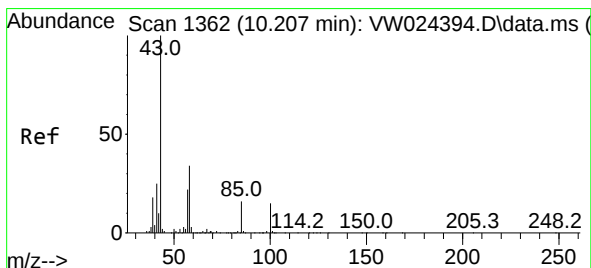
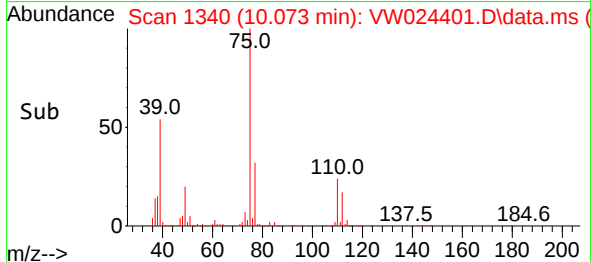
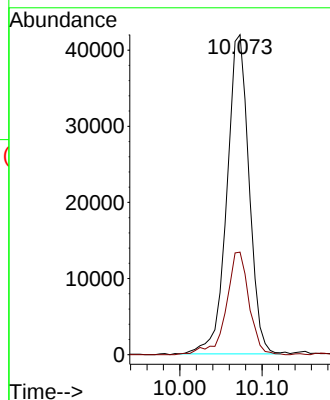
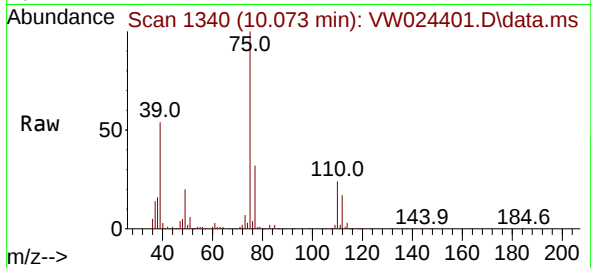
Reviewed By :Semsettin Yesilyurt 08/30/2022

Supervised By :Mahesh Dadoda 08/30/2022

Supervised By :Mahesh

Dadoda

08/30/2022



#40

4-Methyl-2-pentanone

Concen: 46.092 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

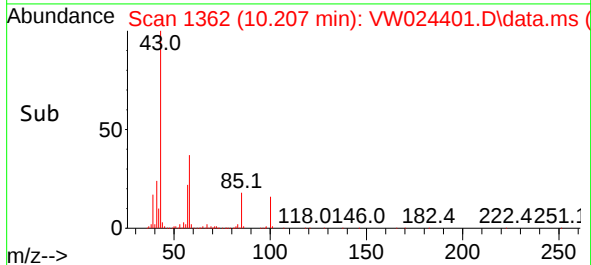
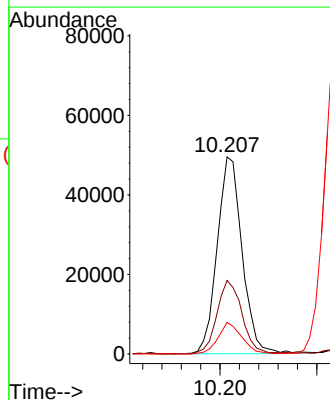
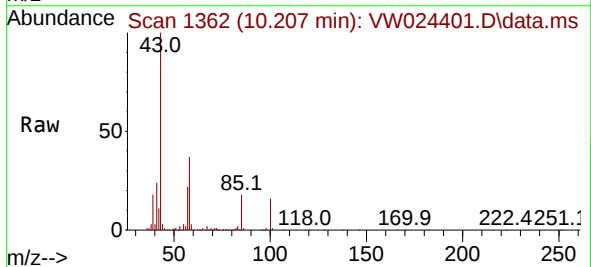
Tgt Ion: 43 Resp: 88204

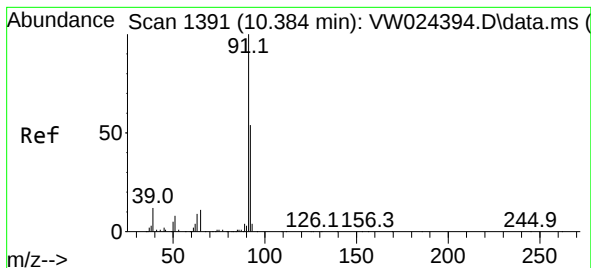
Ion Ratio Lower Upper

43 100

58 37.6 29.4 44.2

100 15.3 11.8 17.8





#42

Toluene

Concen: 21.474 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MSD

Tgt Ion: 91 Resp: 247135

Ion Ratio Lower Upper

91 100

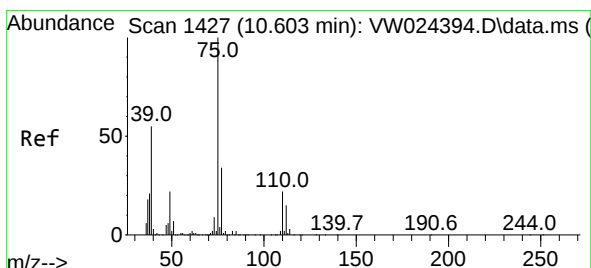
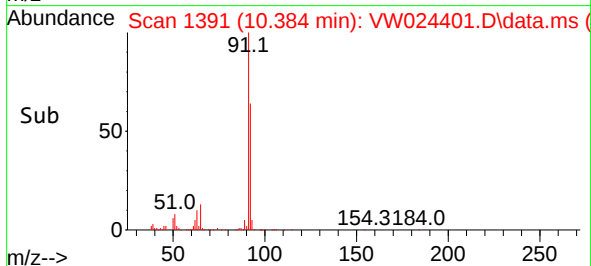
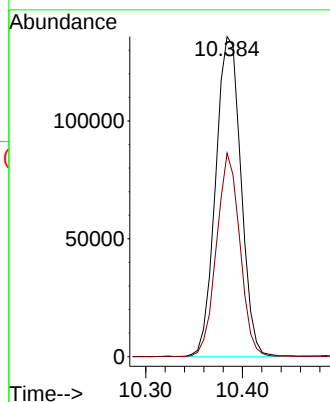
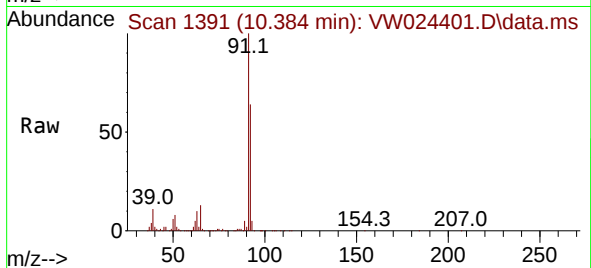
92 63.6 40.0 74.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022

Supervised By :Mahesh Dadoda 08/30/2022



#44

trans-1,3-Dichloropropene

Concen: 19.447 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024401.D

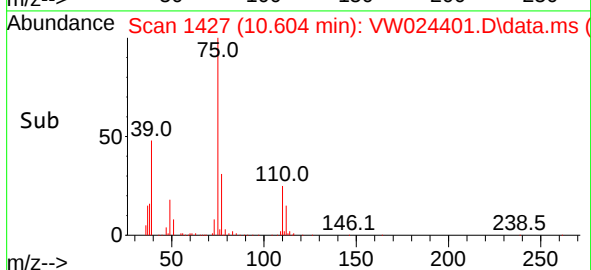
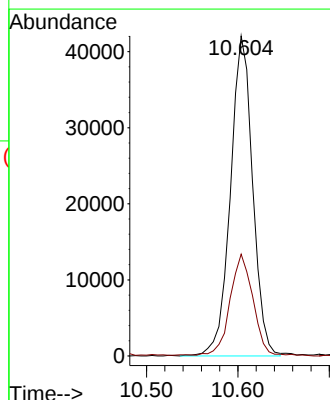
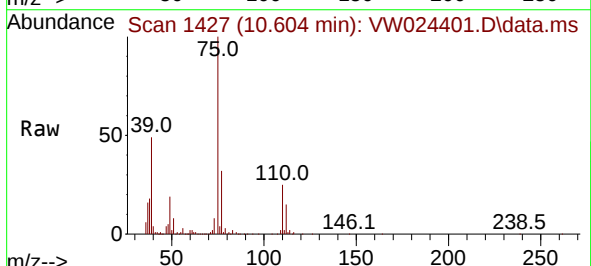
Acq: 27 Aug 2022 15:18

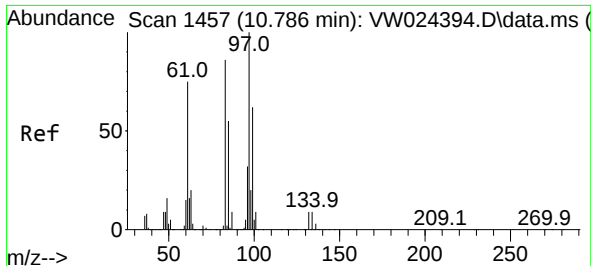
Tgt Ion: 75 Resp: 71087

Ion Ratio Lower Upper

75 100

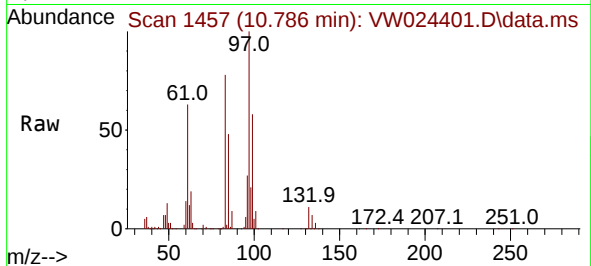
77 31.8 21.1 39.1





#45
1,1,2-Trichloroethane
Concen: 22.007 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD



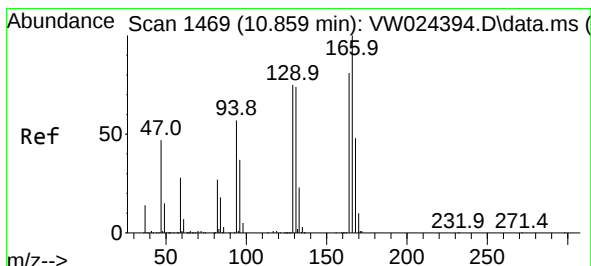
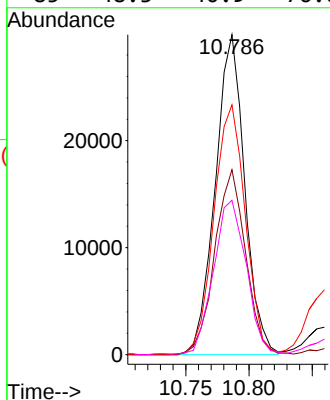
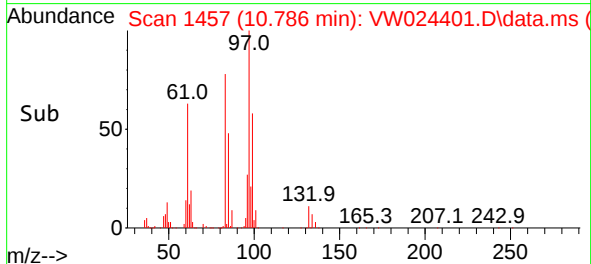
Tgt Ion: 97 Resp: 4829

Ion	Ratio	Lower	Upper
97	100		
99	57.8	40.4	75.0
83	78.1	60.1	111.5
85	48.3	40.9	76.0

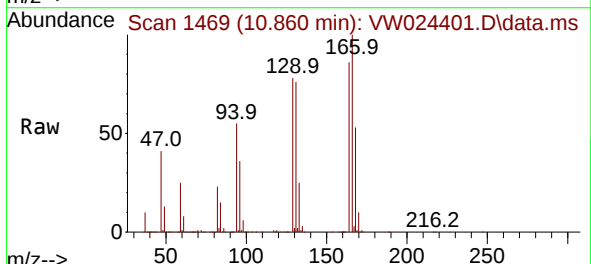
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

Supervised By :Mahesh
Dadoda
08/30/2022

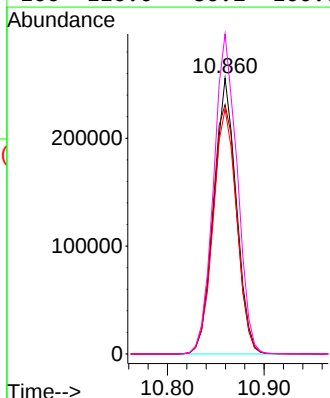
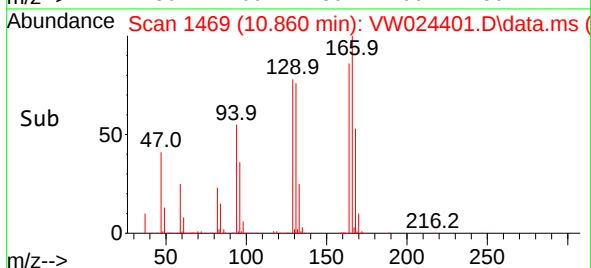


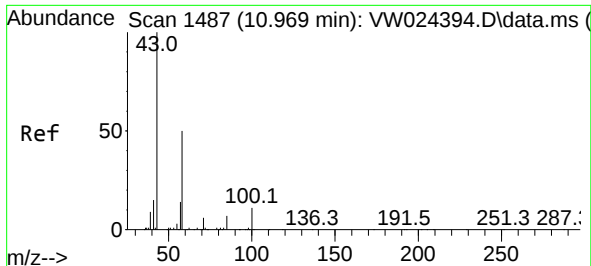
#46
Tetrachloroethene
Concen: 192.549 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18



Tgt Ion:164 Resp: 411005

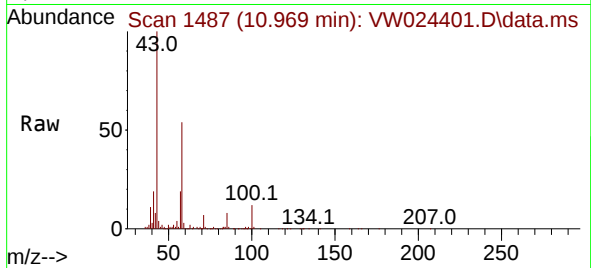
Ion	Ratio	Lower	Upper
164	100		
129	90.4	72.9	135.3
131	88.7	63.7	118.3
166	116.0	86.2	160.0





#48
2-Hexanone
Concen: 45.760 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD

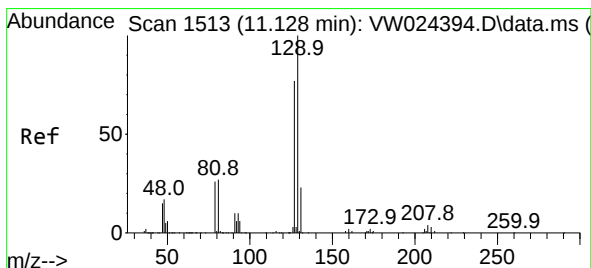
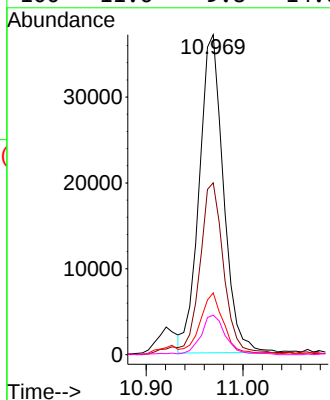
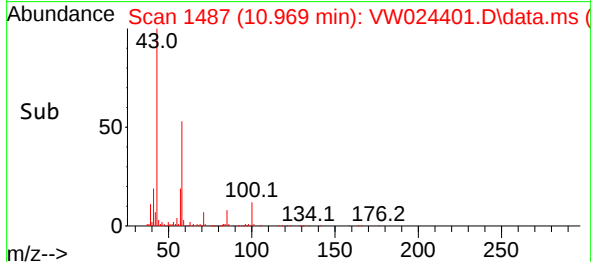


Tgt Ion: 43 Resp: 6459
Ion Ratio Lower Upper
43 100
58 53.1 40.6 61.0
57 19.1 14.2 21.2
100 11.6 9.8 14.6

Manual Integrations
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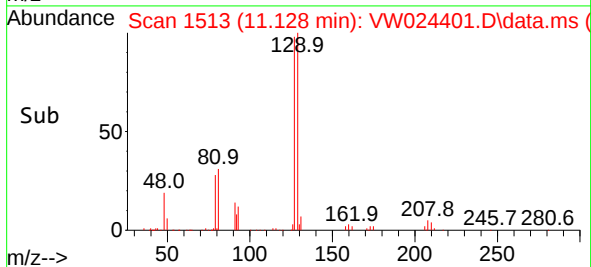
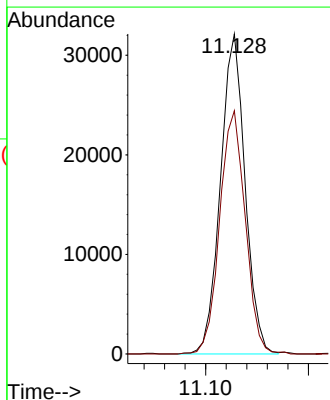
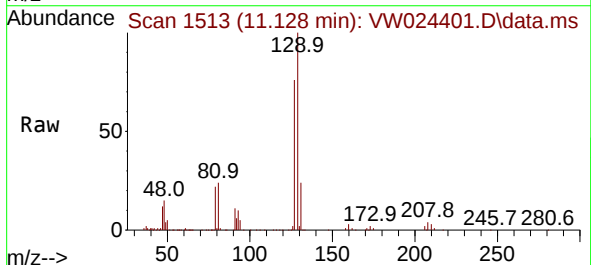
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

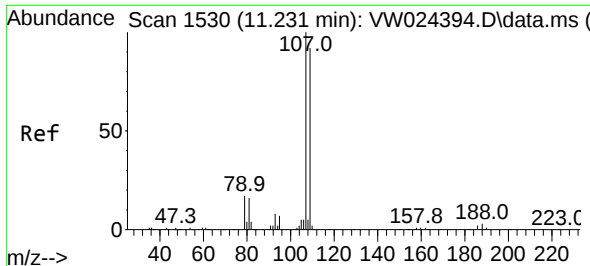
Supervised By :Mahesh
Dadoda
08/30/2022



#49
Dibromochloromethane
Concen: 20.586 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

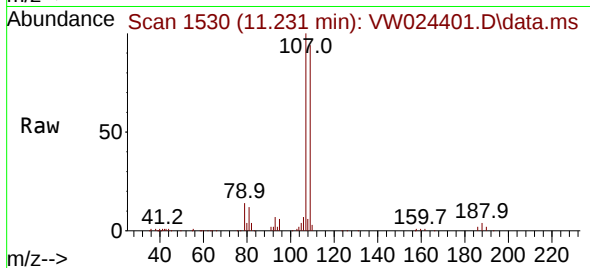
Tgt Ion:129 Resp: 53434
Ion Ratio Lower Upper
129 100
127 76.0 54.6 101.4





#50
1,2-Dibromoethane
Concen: 22.728 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD

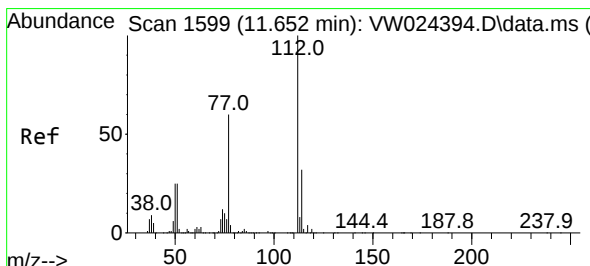
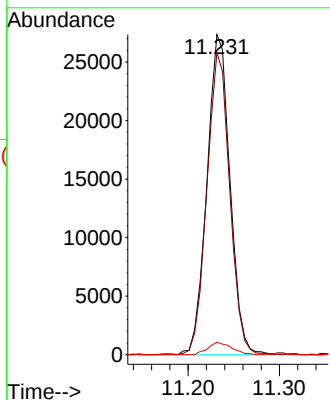
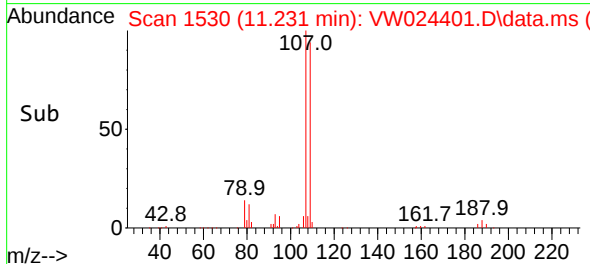


Tgt Ion:107 Resp: 4795
Ion Ratio Lower Upper
107 100
109 94.5 70.1 130.1
188 3.9 2.6 3.8

Manual Integrations APPROVED

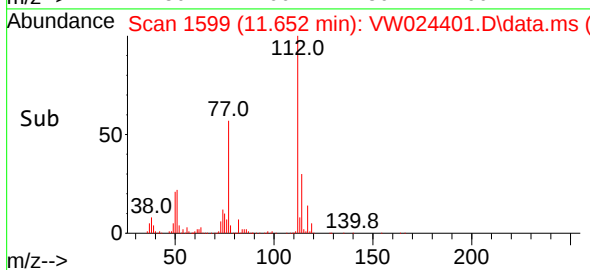
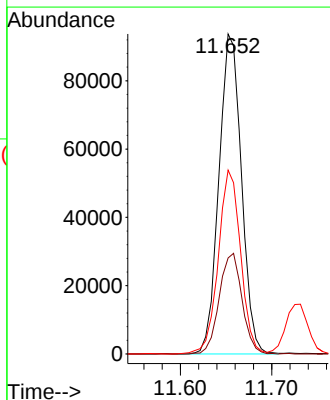
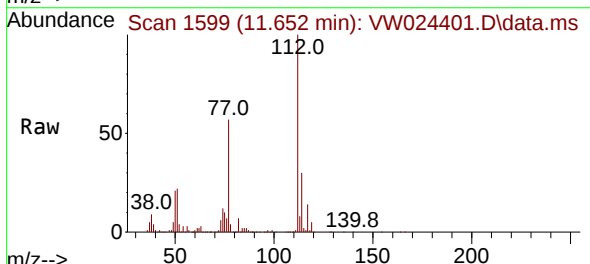
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

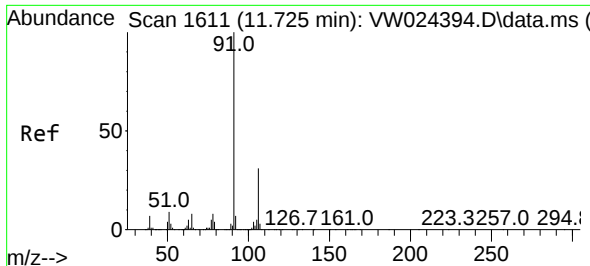
Supervised By :Mahesh
Dadoda
08/30/2022



#51
Chlorobenzene
Concen: 20.792 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

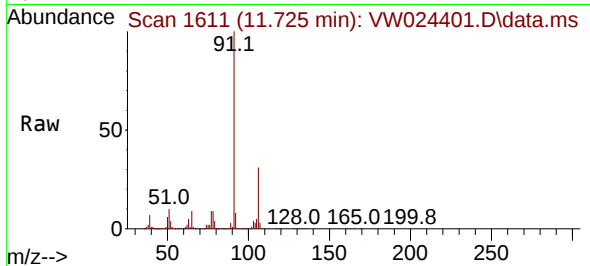
Tgt Ion:112 Resp: 160605
Ion Ratio Lower Upper
112 100
114 30.0 22.3 41.3
77 57.5 44.1 66.1





#52
Ethylbenzene
Concen: 20.966 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

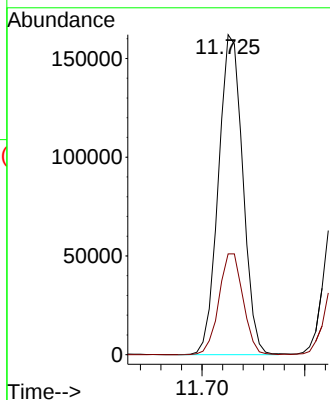
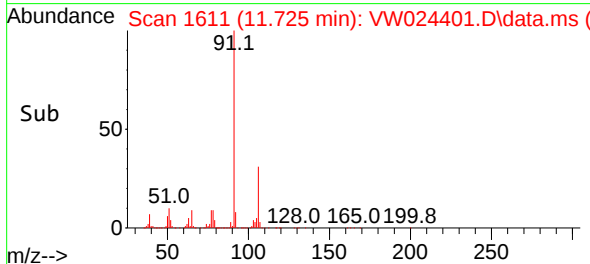
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD



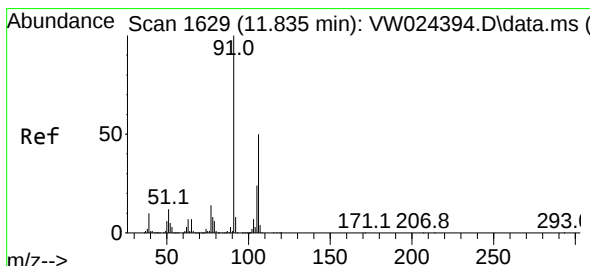
Tgt Ion: 91 Resp: 26675
Ion Ratio Lower Upper
91 100
106 31.5 22.7 42.3

Manual Integrations
APPROVED

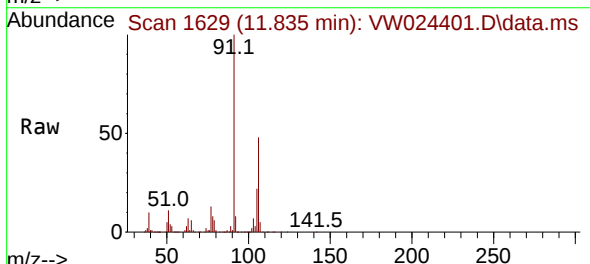
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



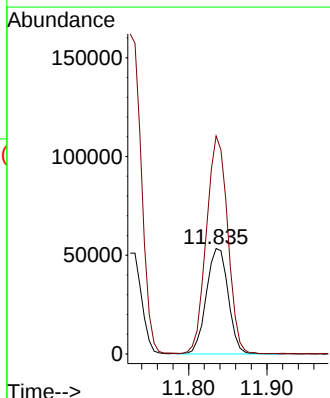
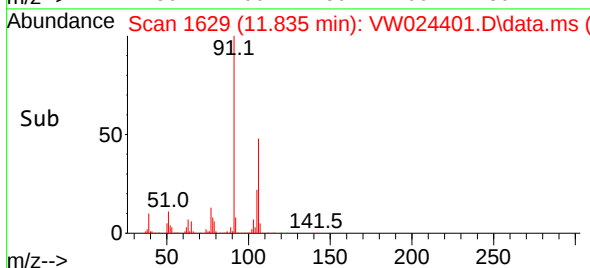
Supervised By :Mahesh
Dadoda
08/30/2022

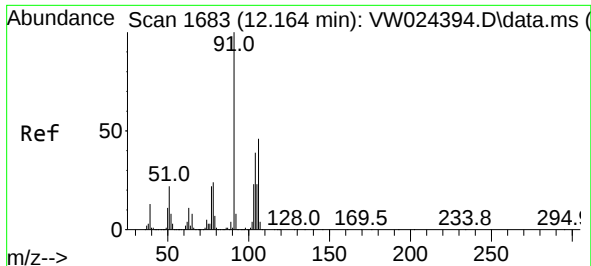


#53
m,p-Xylene
Concen: 20.709 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18



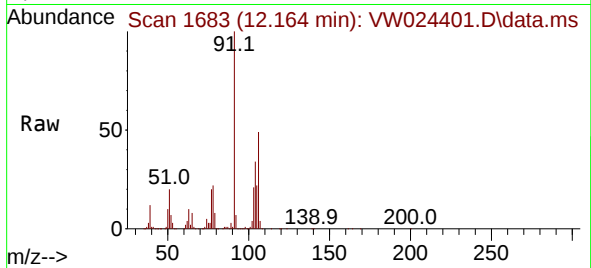
Tgt Ion:106 Resp: 103478
Ion Ratio Lower Upper
106 100
91 206.8 144.3 267.9





#54
o-Xylene
Concen: 20.720 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

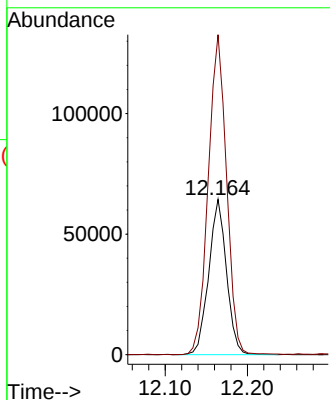
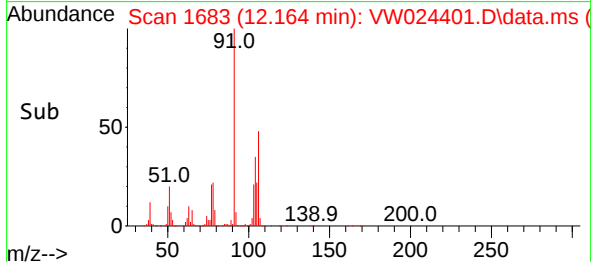
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD



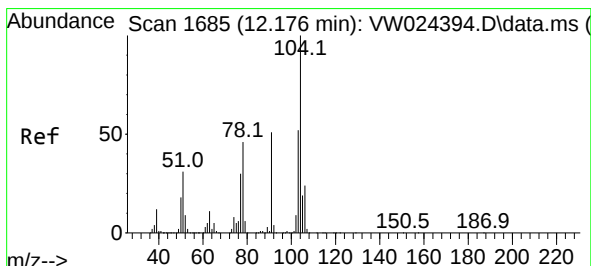
Tgt Ion:106 Resp: 9678
Ion Ratio Lower Upper
106 100
91 206.0 152.1 282.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

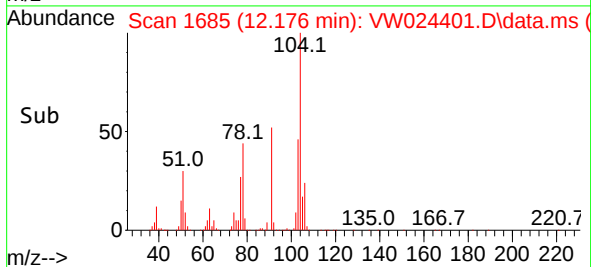
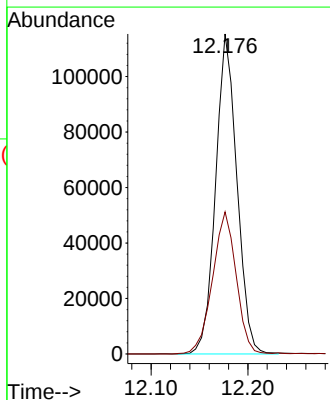
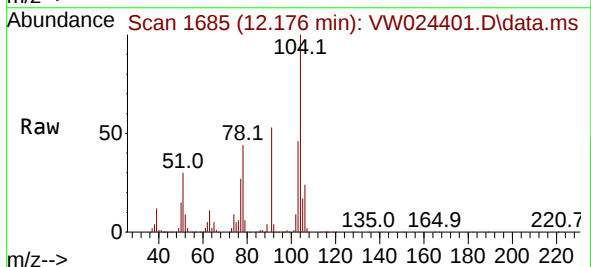


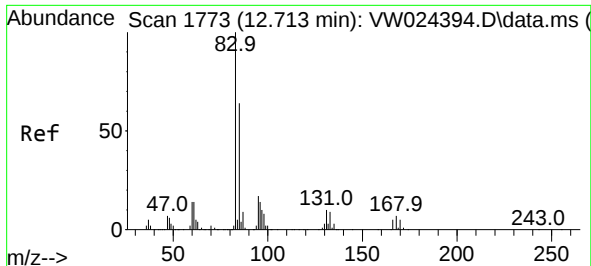
Supervised By :Mahesh
Dadoda
08/30/2022



#55
Styrene
Concen: 21.354 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Tgt Ion:104 Resp: 176321
Ion Ratio Lower Upper
104 100
78 44.4 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 21.232 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MSD

Tgt Ion:	83	Resp:	65038
Ion Ratio	Lower	Upper	
83	100		
85	61.5	44.4	82.5
131	10.5	8.4	12.6

Manual Integrations

APPROVED

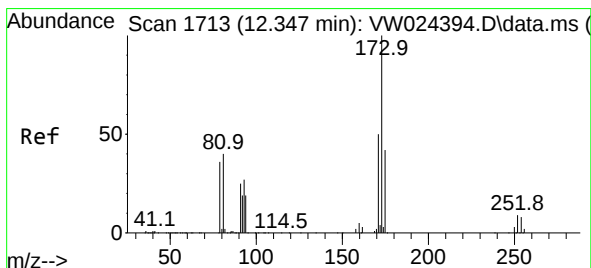
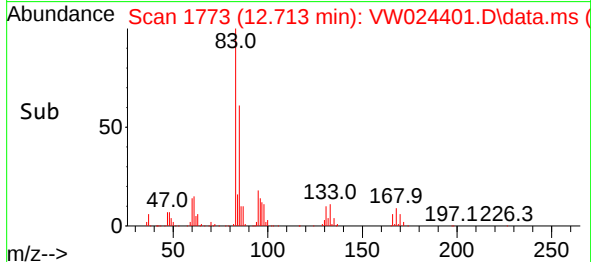
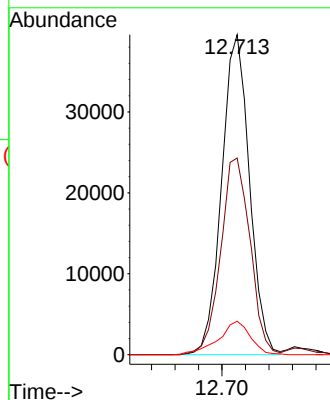
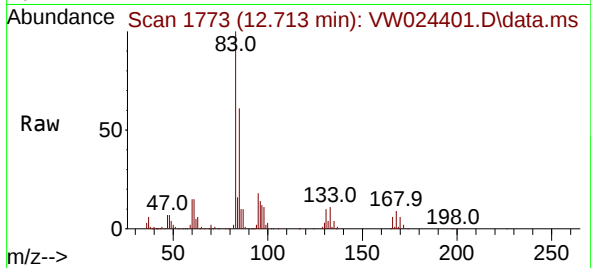
Reviewed By :Semsettin Yesilyurt 08/30/2022

Supervised By :Mahesh Dadoda 08/30/2022

Supervised By :Mahesh

Dadoda

08/30/2022



#59

Bromoform

Concen: 22.495 ug/L

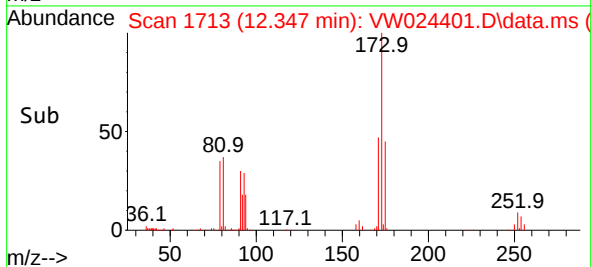
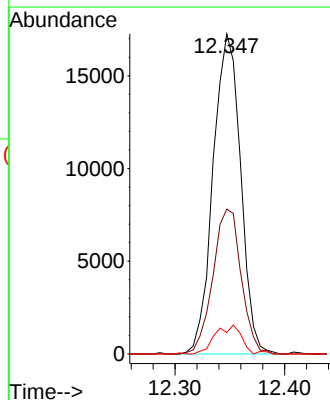
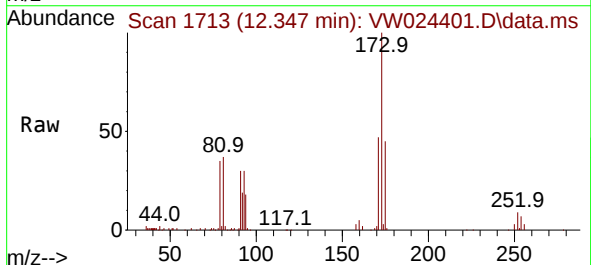
RT: 12.347 min Scan# 1713

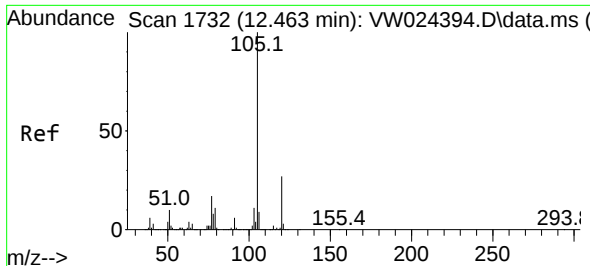
Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

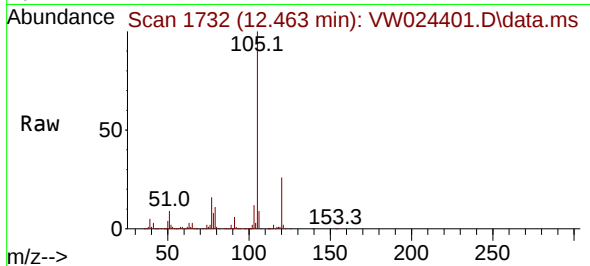
Tgt Ion:	173	Resp:	30106
Ion Ratio	Lower	Upper	
173	100		
175	46.6	39.8	59.6
254	8.5	6.8	10.2





#60
Isopropylbenzene
Concen: 23.355 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

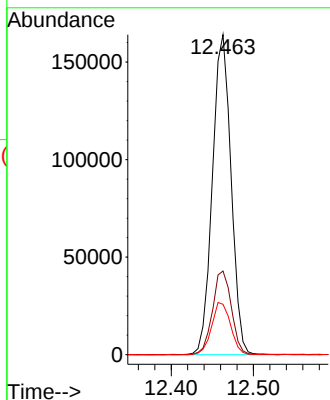
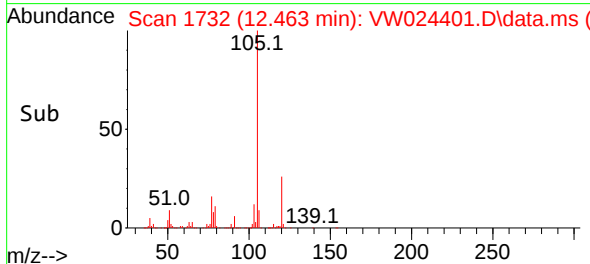
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD



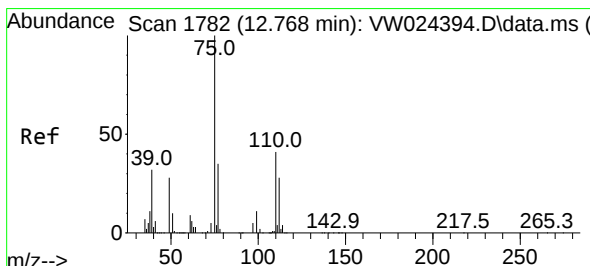
Tgt Ion:105 Resp: 258690
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 16.6 13.0 19.6

Manual Integrations APPROVED

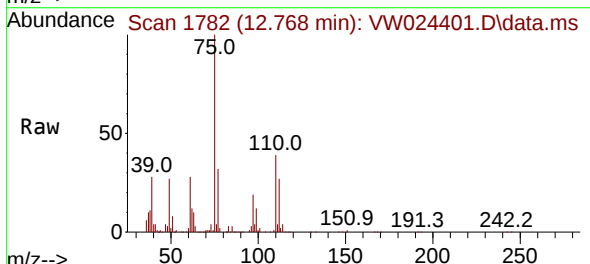
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



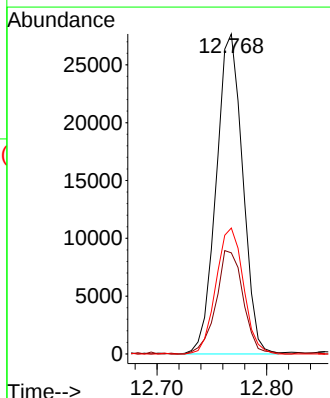
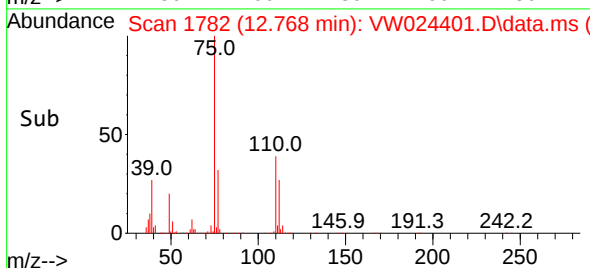
Supervised By :Mahesh
Dadoda
08/30/2022

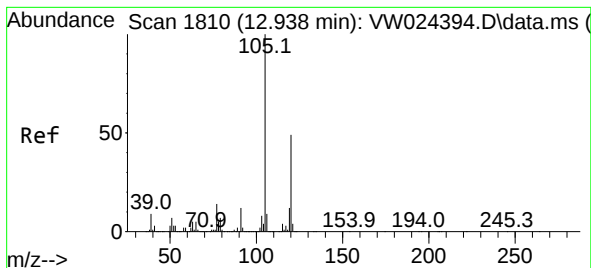


#61
1,2,3-Trichloropropane
Concen: 24.647 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18



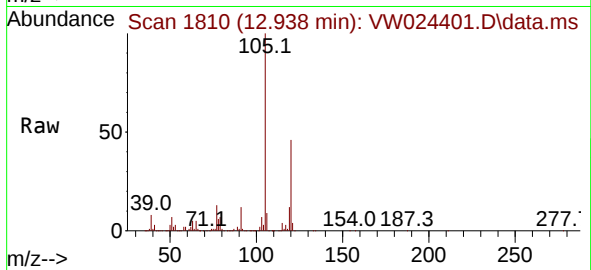
Tgt Ion: 75 Resp: 46483
Ion Ratio Lower Upper
75 100
77 33.0 26.5 39.7
110 40.7 33.8 50.8





#62
1,3,5-Trimethylbenzene
Concen: 21.990 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

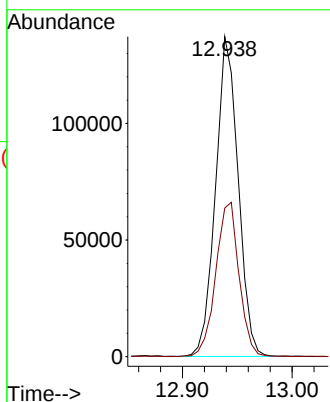
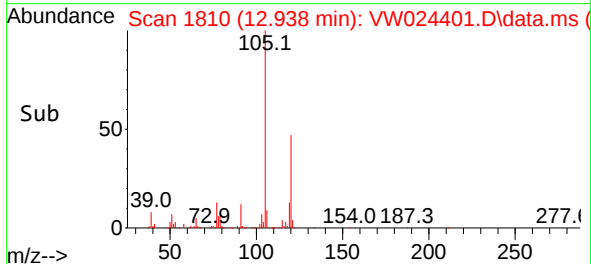
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD



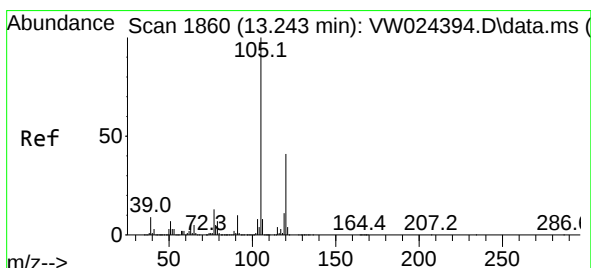
Tgt Ion:105 Resp: 196399
Ion Ratio Lower Upper
105 100
120 49.9 38.4 57.6

Manual Integrations
APPROVED

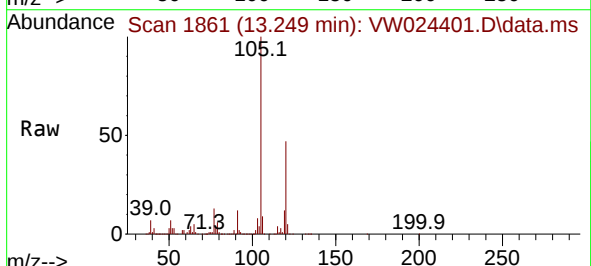
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



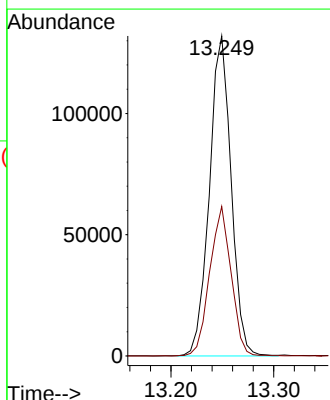
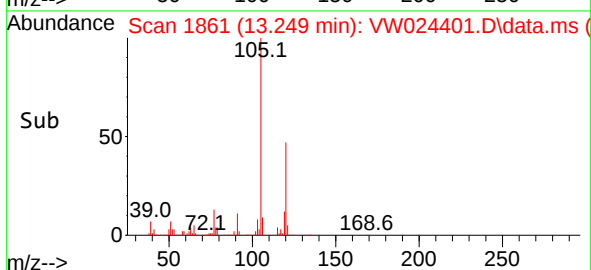
Supervised By :Mahesh
Dadoda
08/30/2022

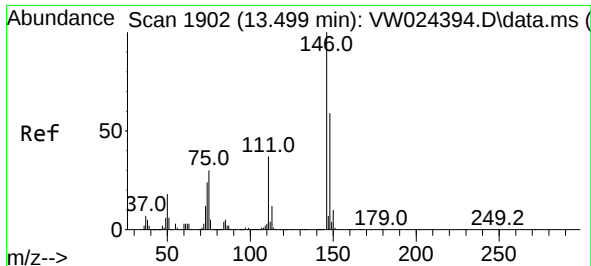


#63
1,2,4-Trimethylbenzene
Concen: 22.395 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18



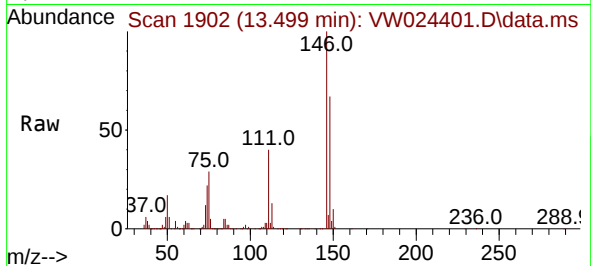
Tgt Ion:105 Resp: 194282
Ion Ratio Lower Upper
105 100
120 46.0 36.2 54.2





#64
1,3-Dichlorobenzene
Concen: 20.471 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

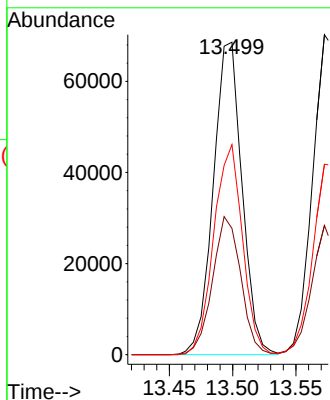
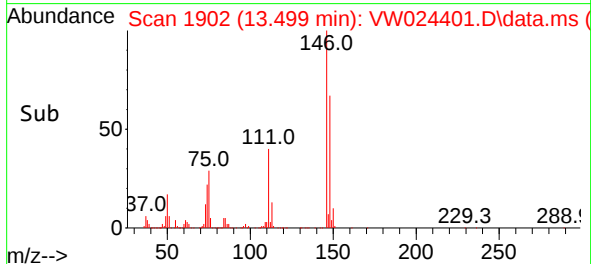
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD



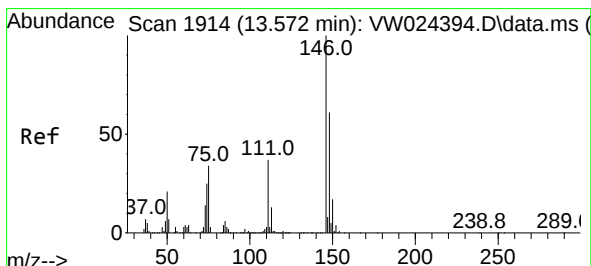
Tgt Ion:146 Resp: 10841
Ion Ratio Lower Upper
146 100
111 40.4 27.0 50.2
148 67.2 44.9 83.3

Manual Integrations
APPROVED

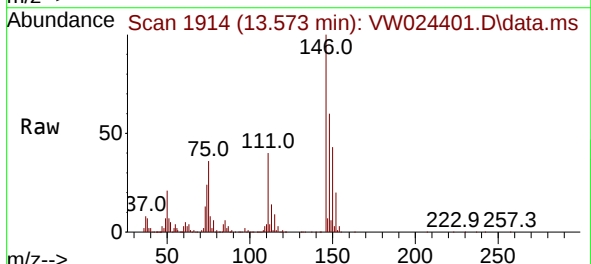
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



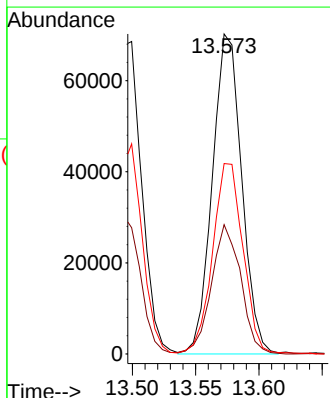
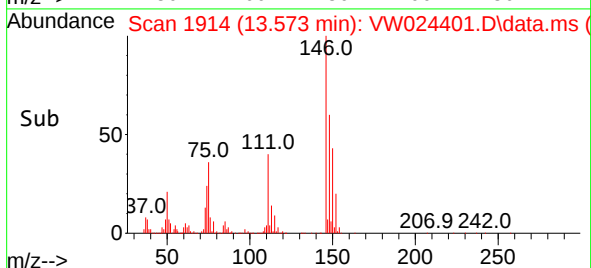
Supervised By :Mahesh
Dadoda
08/30/2022

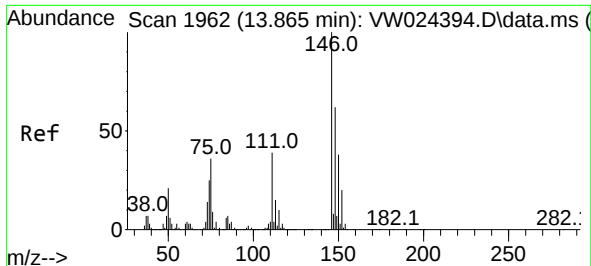


#65
1,4-Dichlorobenzene
Concen: 20.293 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18



Tgt Ion:146 Resp: 113462
Ion Ratio Lower Upper
146 100
111 40.4 27.7 51.5
148 59.5 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 21.015 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MSD

Tgt Ion:	146	Resp:	10432
Ion Ratio	Lower	Upper	
146	100		
111	45.2	34.5	51.7
148	62.7	50.6	75.8

Manual Integrations

APPROVED

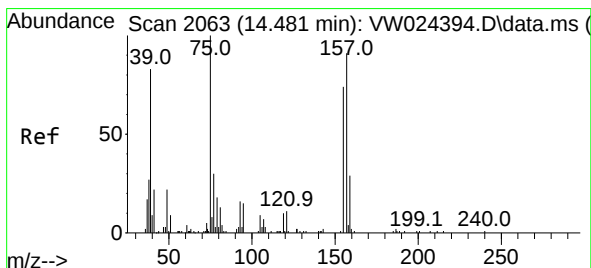
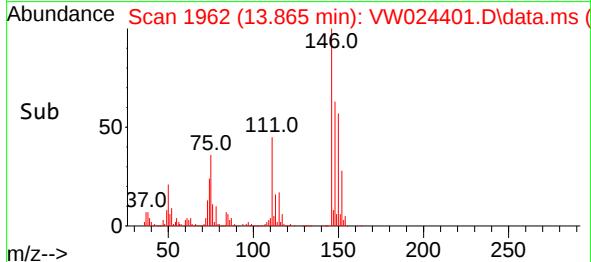
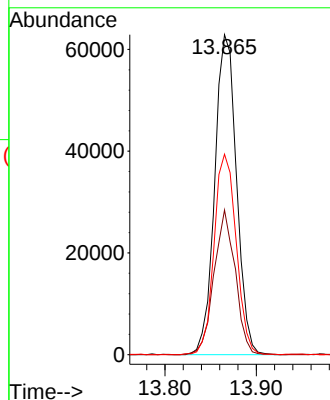
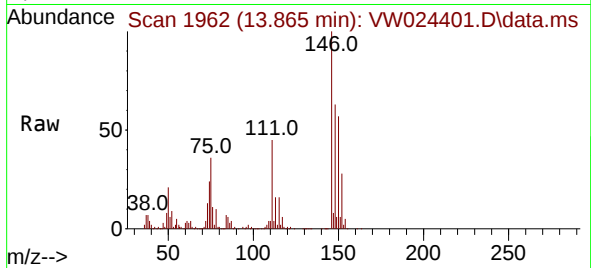
Reviewed By :Semsettin Yesilyurt 08/30/2022

Supervised By :Mahesh Dadoda 08/30/2022

Supervised By :Mahesh

Dadoda

08/30/2022



#68

1,2-Dibromo-3-chloropropane

Concen: 20.432 ug/L

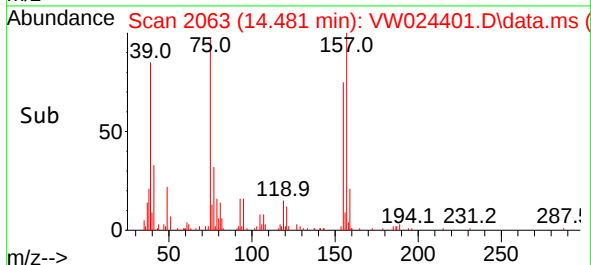
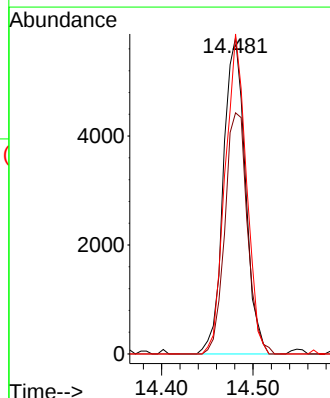
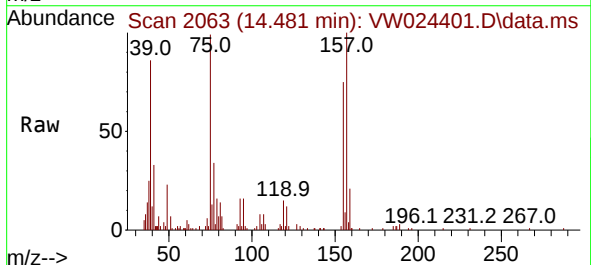
RT: 14.481 min Scan# 2063

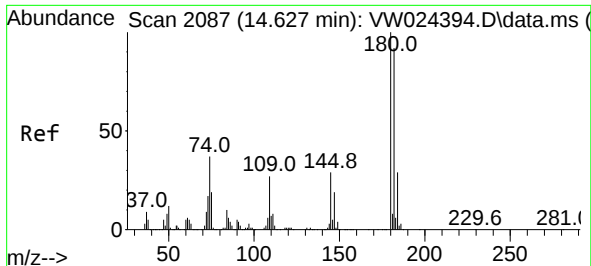
Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

Tgt Ion:	75	Resp:	9681
Ion Ratio	Lower	Upper	
75	100		
155	76.2	63.9	95.9
157	101.2	72.2	108.4





#69

1,3,5-Trichlorobenzene

Concen: 15.439 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024401.D

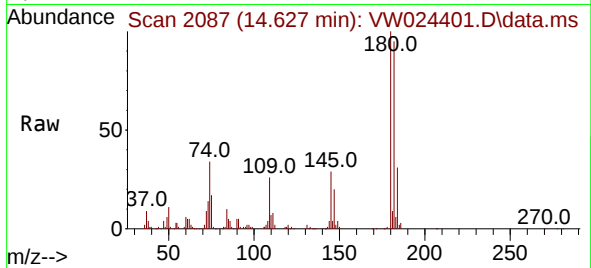
Acq: 27 Aug 2022 15:18

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MSD



Tgt Ion:180 Resp: 52774

Ion Ratio Lower Upper

180 100

182 96.4 76.6 114.8

184 33.3 24.5 36.7

145 34.4 25.9 38.9

Manual Integrations

APPROVED

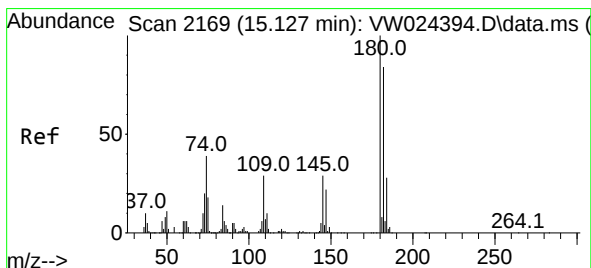
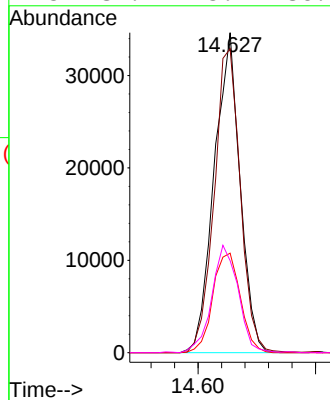
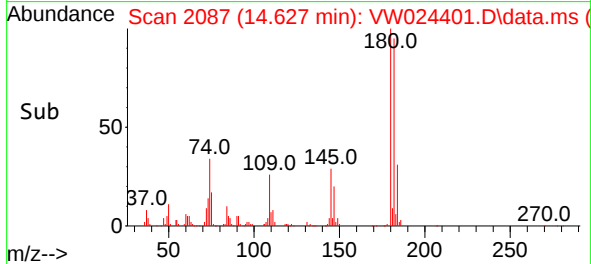
Reviewed By :Semsettin Yesilyurt 08/30/2022

Supervised By :Mahesh Dadoda 08/30/2022

Supervised By :Mahesh

Dadoda

08/30/2022



#70

1,2,4-trichlorobenzene

Concen: 15.894 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024401.D

Acq: 27 Aug 2022 15:18

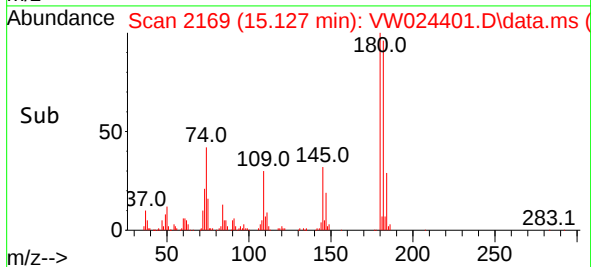
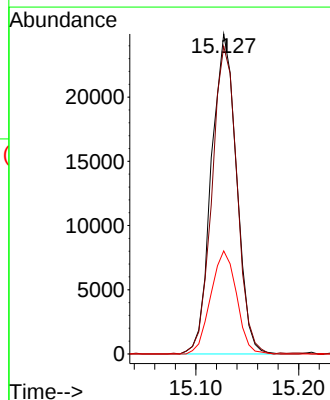
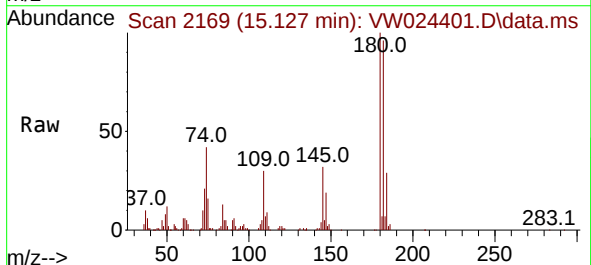
Tgt Ion:180 Resp: 42233

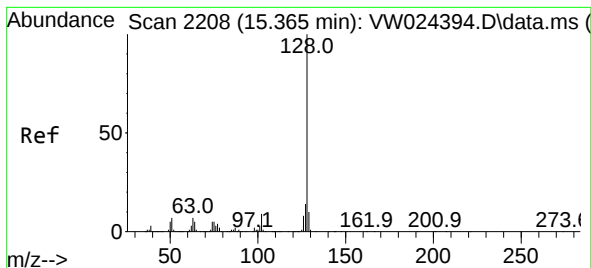
Ion Ratio Lower Upper

180 100

182 95.7 72.6 109.0

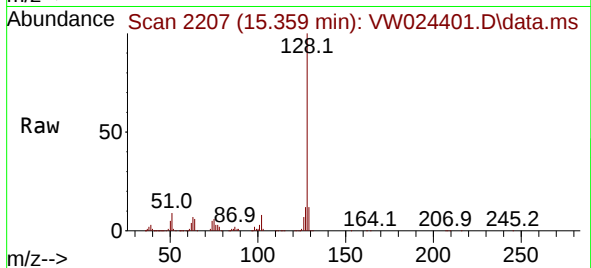
145 33.0 26.2 39.2





#71
Naphthalene
Concen: 18.500 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18

Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD

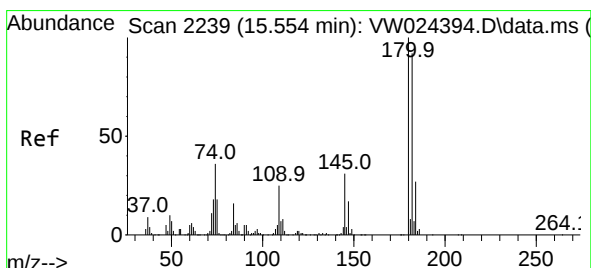
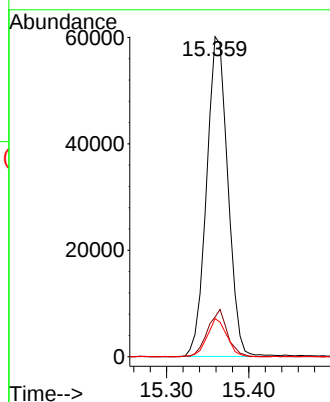
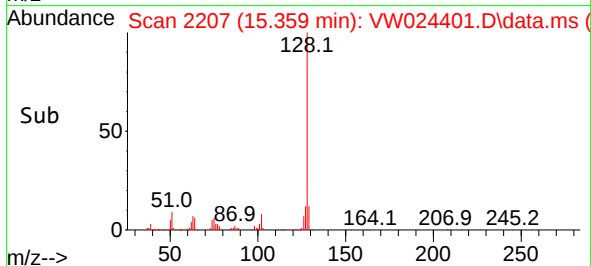


Tgt Ion:128 Resp: 107960
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.1 8.3 12.5

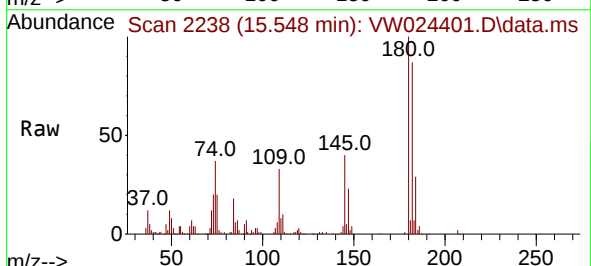
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

Supervised By :Mahesh
Dadoda
08/30/2022



#72
1,2,3-Trichlorobenzene
Concen: 15.425 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024401.D
Acq: 27 Aug 2022 15:18



Tgt Ion:180 Resp: 38738
Ion Ratio Lower Upper
180 100
182 94.4 74.6 111.8
145 35.9 26.6 40.0

