

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024400.D
 Acq On : 27 Aug 2022 14:54
 Operator : SY/VA
 Sample : N4346-09MS
 Misc : 5.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVU8MS

Manual Integrations
 APPROVED

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

Quant Time: Aug 29 01:48:01 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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	372543	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	370658	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	205083	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	192711	18.765	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.080%		
7) Chloroethane-d5	2.873	69	151035	19.629	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.520%		
11) 1,1-Dichloroethene-d2	4.013	63	170754	19.172	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.680%		
21) 2-Butanone-d5	7.074	46	116725	61.710	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	123.420%		
24) Chloroform-d	7.647	84	315142	26.312	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.240%		
26) 1,2-Dichloroethane-d4	8.305	65	191698	26.393	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.560%		
32) Benzene-d6	8.275	84	582112	27.410	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	109.640%		
36) 1,2-Dichloropropane-d6	9.268	67	185765	28.127	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.520%		
41) Toluene-d8	10.323	98	545899	27.036	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.160%		
43) trans-1,3-Dichloroprop...	10.579	79	84660	27.391	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	109.560%		
47) 2-Hexanone-d5	10.921	63	100576	68.050	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	136.100%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	217624	29.103	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	116.400%		
66) 1,2-Dichlorobenzene-d4	13.853	152	227475	29.454	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	117.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	45225	12.120	ug/L	99
3) Chloromethane	2.215	50	90366	12.962	ug/L	99
5) Vinyl chloride	2.349	62	195199	16.017	ug/L	98
6) Bromomethane	2.764	94	130110	15.210	ug/L	96
8) Chloroethane	2.910	64	102193	16.053	ug/L	98
9) Trichlorofluoromethane	3.245	101	80126	13.982	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	92310	16.794	ug/L	95
12) 1,1-Dichloroethene	4.025	96	79557m	17.878	ug/L	
13) Acetone	4.123	43	42121	37.315	ug/L	100
14) Carbon disulfide	4.373	76	280384	18.959	ug/L	99
15) Methyl Acetate	4.672	43	60454	21.892	ug/L	97
16) Methylene chloride	4.909	84	131171	20.994	ug/L	90
17) trans-1,2-Dichloroethene	5.415	96	117186	22.248	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	203845	23.636	ug/L	97
19) 1,1-Dichloroethane	6.208	63	216386	21.726	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	131031m	22.622	ug/L	
22) 2-Butanone	7.171	43	88488	43.937	ug/L	100
23) Bromochloromethane	7.513	128	63619	22.494	ug/L	93
25) Chloroform	7.671	83	244983	22.169	ug/L	96

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	170390	21.183	ug/L #	94
29) Cyclohexane	7.952	56	190323	23.817	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	182580	20.893	ug/L	98
31) Carbon tetrachloride	8.067	117	172436	21.569	ug/L	99
33) Benzene	8.317	78	521546	22.600	ug/L	100
34) Trichloroethene	9.086	95	134464	22.107	ug/L	95
35) Methylcyclohexane	9.329	83	217179	22.255	ug/L	98
37) 1,2-Dichloropropane	9.366	63	130091	21.844	ug/L	98
38) Bromodichloromethane	9.640	83	182848	22.545	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	202290	24.299	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	207916	49.096	ug/L	97
42) Toluene	10.384	91	585819	23.002	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	187402	23.166	ug/L	95
45) 1,1,2-Trichloroethane	10.780	97	112783	23.223	ug/L	92
46) Tetrachloroethene	10.860	164	537342	113.753	ug/L	93
48) 2-Hexanone	10.969	43	149407	47.830	ug/L	97
49) Dibromochloromethane	11.128	129	130849	22.780	ug/L	100
50) 1,2-Dibromoethane	11.231	107	109365	23.423	ug/L #	85
51) Chlorobenzene	11.652	112	378379	22.135	ug/L	99
52) Ethylbenzene	11.725	91	656329	23.310	ug/L	95
53) m,p-Xylene	11.835	106	257188	23.258	ug/L	94
54) o-Xylene	12.164	106	245080	23.709	ug/L	93
55) Styrene	12.176	104	432951	23.694	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	152467	22.492	ug/L	99
59) Bromoform	12.347	173	77908	23.672	ug/L	98
60) Isopropylbenzene	12.463	105	666043	24.452	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	109734	23.661	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	550420	25.061	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	546138	25.600	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	287393	22.068	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	304063	22.114	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	280626	22.987	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	24117	20.698	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.621	180	182258	21.682	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	149402	22.864	ug/L	96
71) Naphthalene	15.359	128	372426	25.952	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	133078	21.549	ug/L	97

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

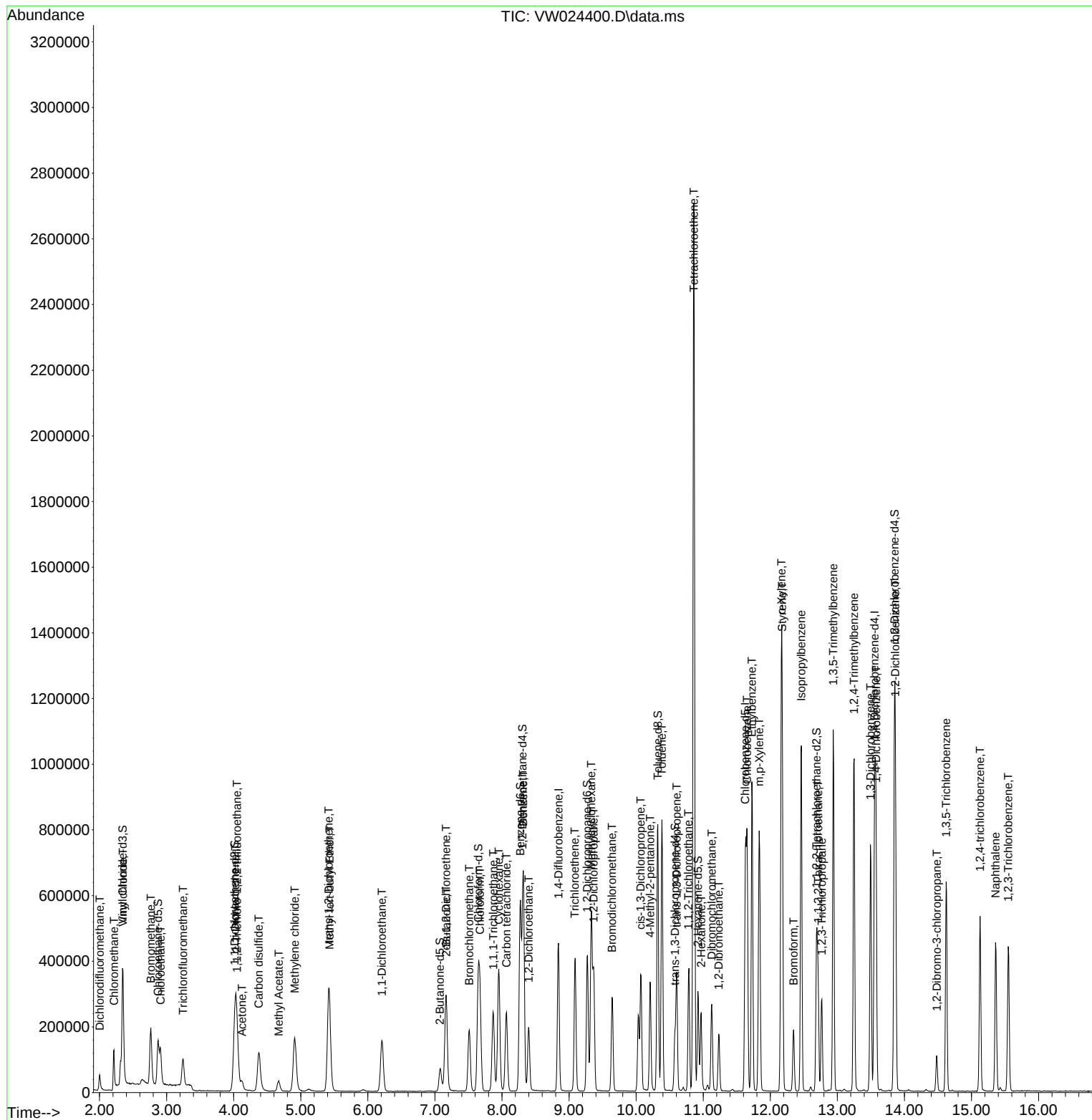
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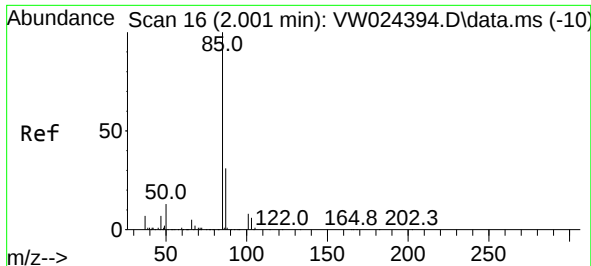
Instrument :
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ClientSampleId :
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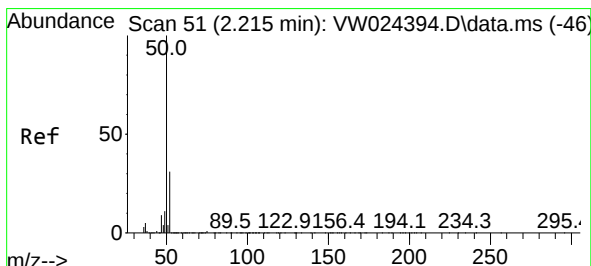
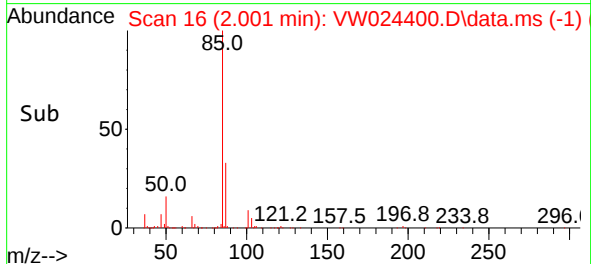
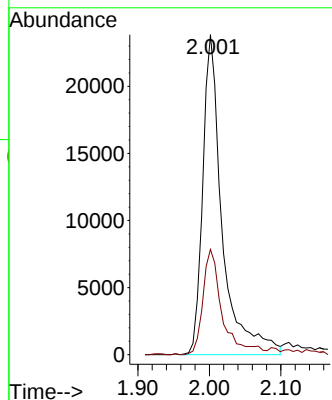
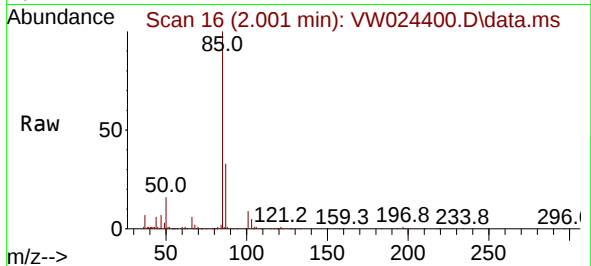
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Dichlorodifluoromethane
Concen: 12.120 ug/L
RT: 2.001 min Scan# 16
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS

Tgt Ion: 85 Resp: 45225
Ion Ratio Lower Upper
85 100
87 31.2 24.7 37.1

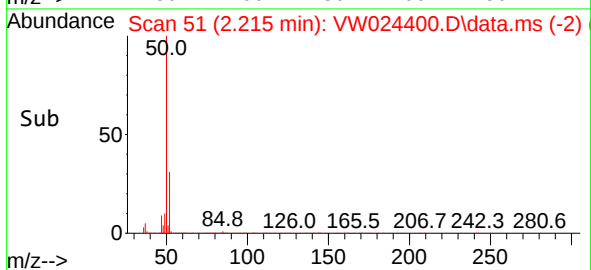
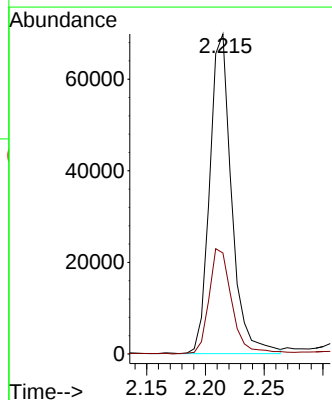
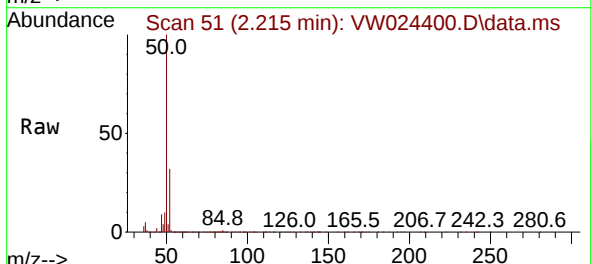
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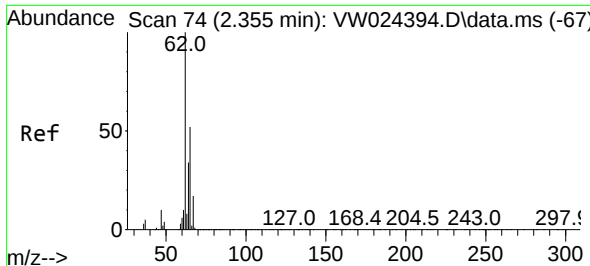
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#3
Chloromethane
Concen: 12.962 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

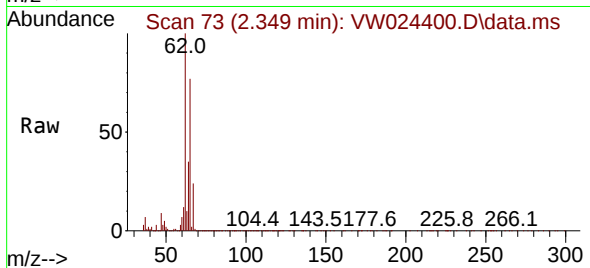
Tgt Ion: 50 Resp: 90366
Ion Ratio Lower Upper
50 100
52 31.5 22.3 41.5





#5
 Vinyl chloride
 Concen: 16.017 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

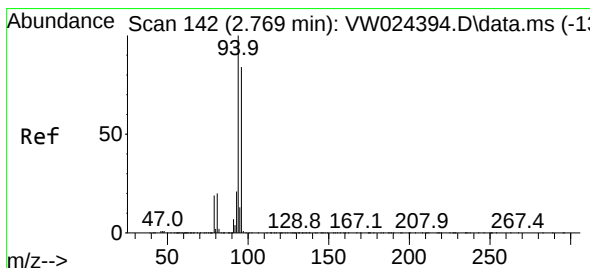
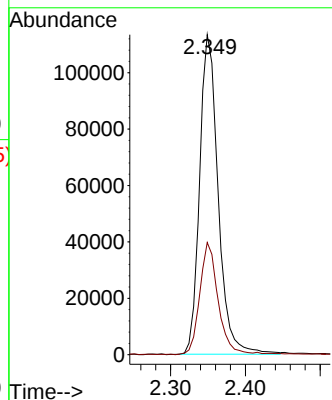
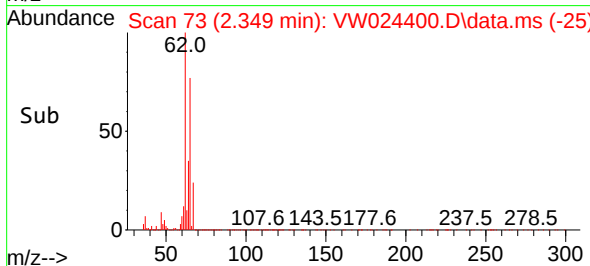
Instrument :
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 ClientSampleId :
 DBVU8MS



Tgt Ion: 62 Resp: 19519
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.6 43.8

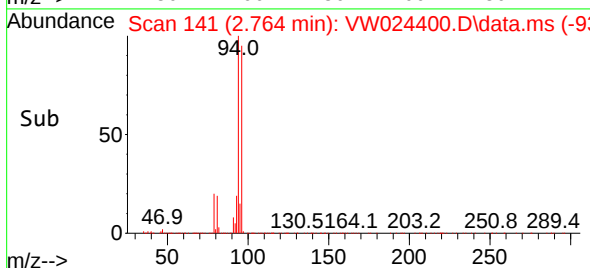
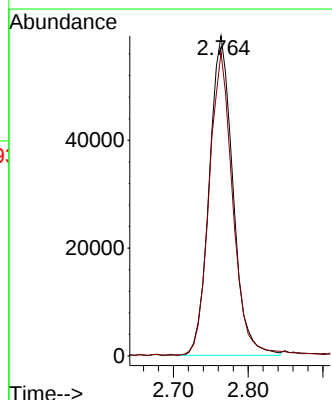
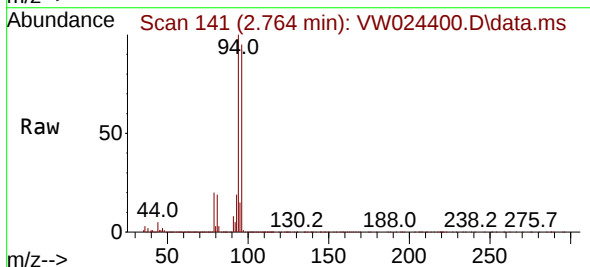
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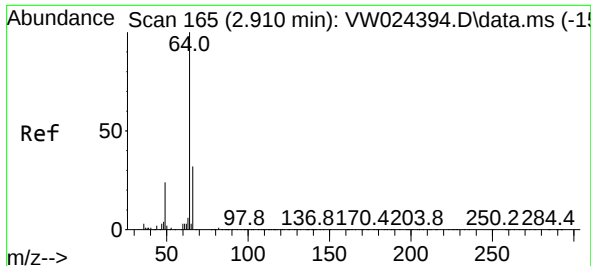
Reviewed By :Semsettin Yesilyurt 08/30/2022
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#6
 Bromomethane
 Concen: 15.210 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024400.D
 Acq: 27 Aug 2022 14:54

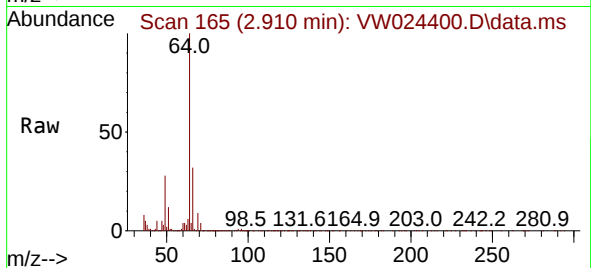
Tgt Ion: 94 Resp: 130110
 Ion Ratio Lower Upper
 94 100
 96 94.8 63.6 118.0





#8
Chloroethane
Concen: 16.053 ug/L
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

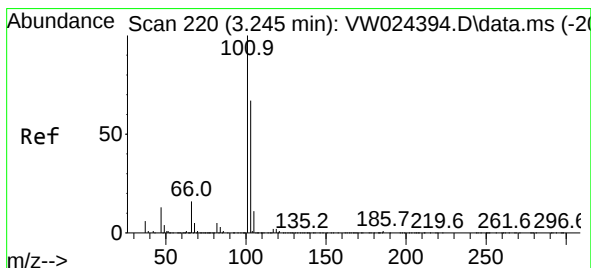
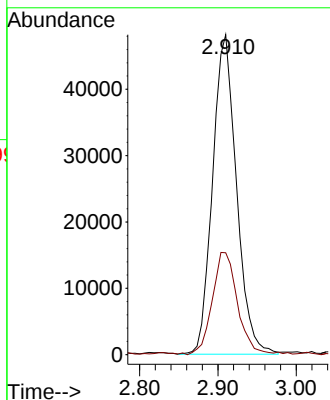
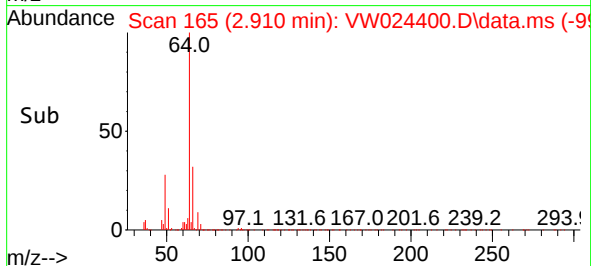
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



Tgt Ion: 64 Resp: 10219
Ion Ratio Lower Upper
64 100
66 31.9 23.0 42.6

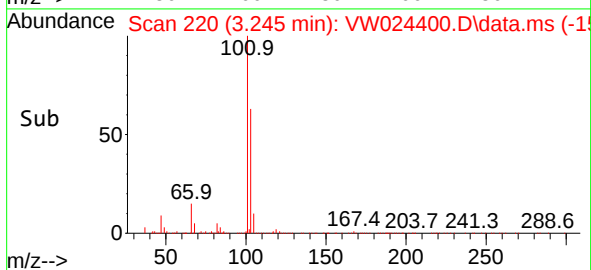
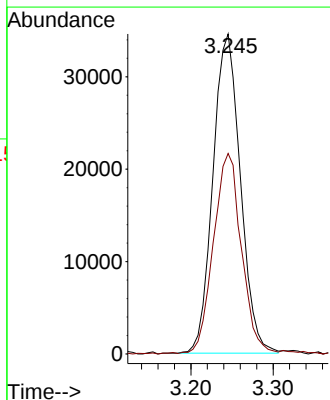
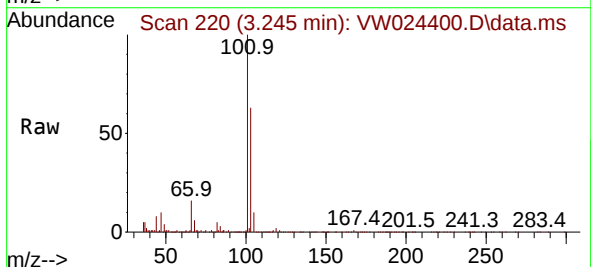
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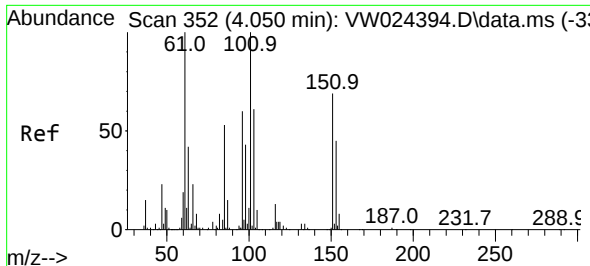
Reviewed By :Semsettin Yesilyurt 08/30/2022
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#9
Trichlorofluoromethane
Concen: 13.982 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

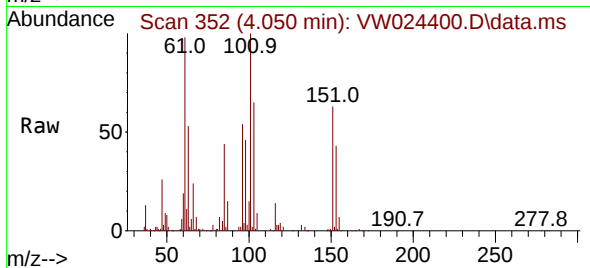
Tgt Ion:101 Resp: 80126
Ion Ratio Lower Upper
101 100
103 64.0 50.4 75.6





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 16.794 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

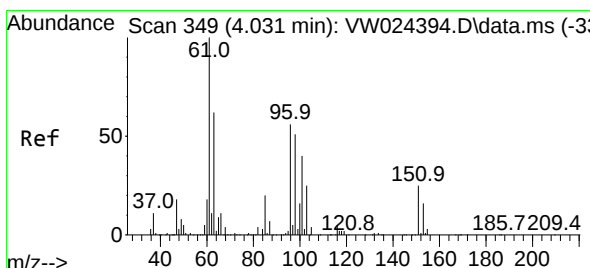
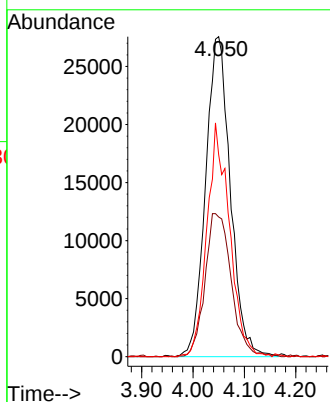
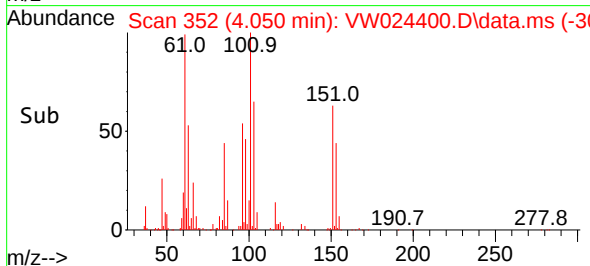
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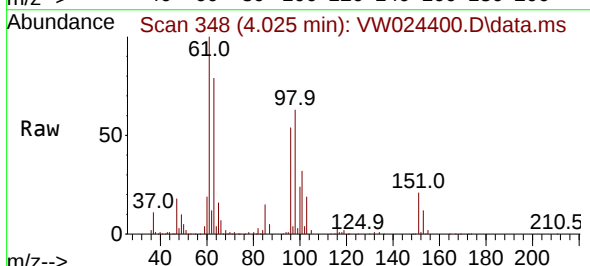
Tgt Ion: 101 Resp: 92310
Ion Ratio Lower Upper
101 100
85 46.3 39.1 58.7
151 66.3 56.8 85.2

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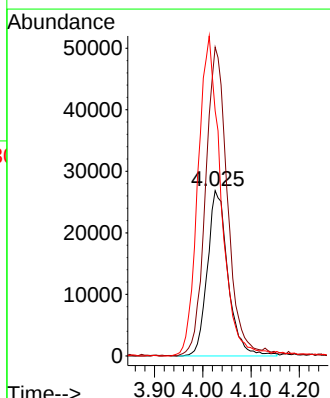
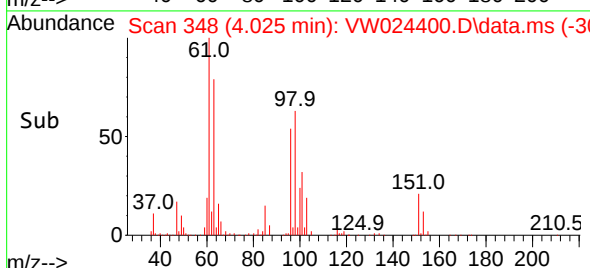
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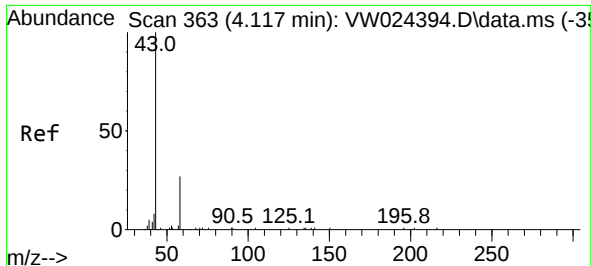


#12
1,1-Dichloroethene
Concen: 17.878 ug/L m
RT: 4.025 min Scan# 348
Delta R.T. -0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54



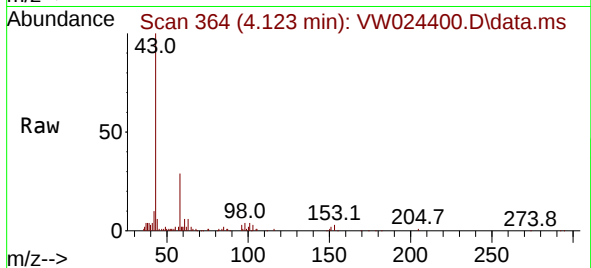
Tgt Ion: 96 Resp: 79557
Ion Ratio Lower Upper
96 100
61 186.9 118.8 220.6
63 148.3 72.8 135.2#





#13
Acetone
Concen: 37.315 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024400.D
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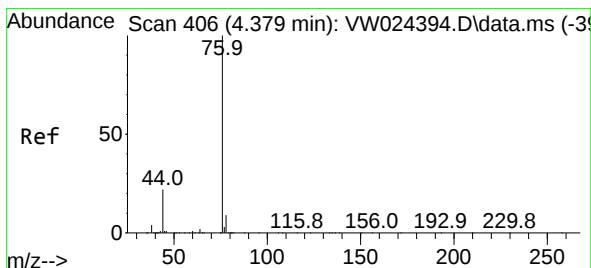
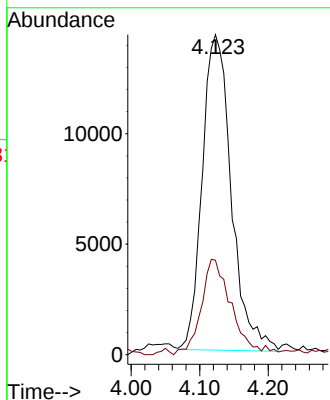
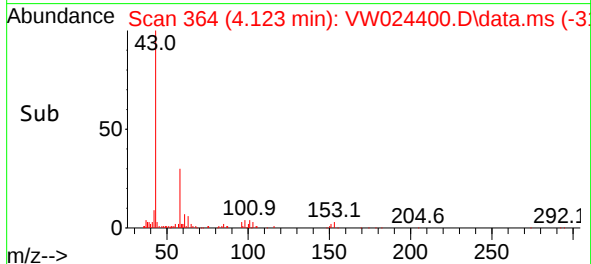
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Tgt Ion: 43 Resp: 4212
Ion Ratio Lower Upper
43 100
58 29.4 0.0 58.4

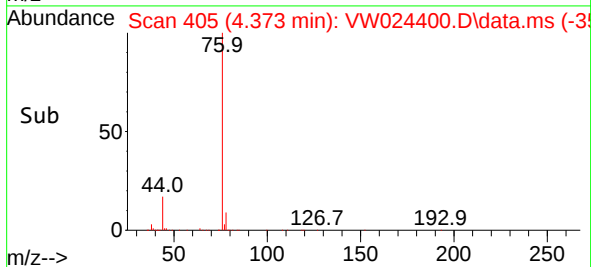
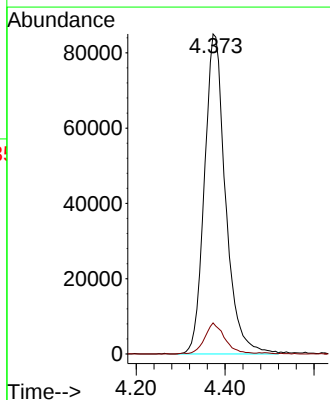
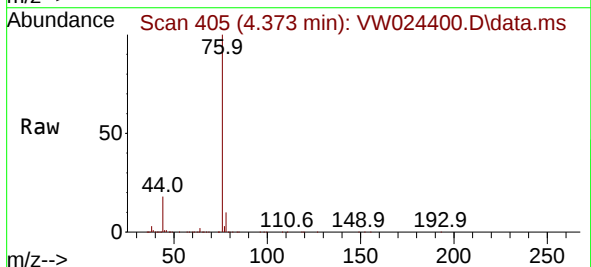
Manual Integrations
APPROVED

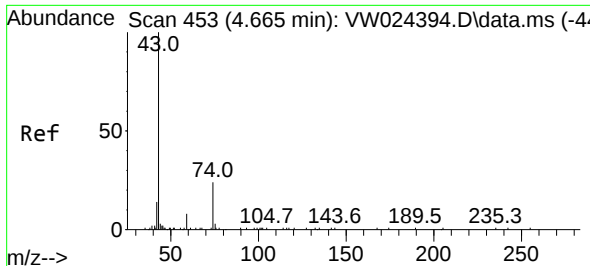
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#14
Carbon disulfide
Concen: 18.959 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Tgt Ion: 76 Resp: 280384
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2





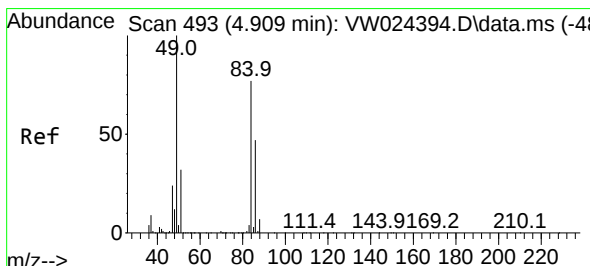
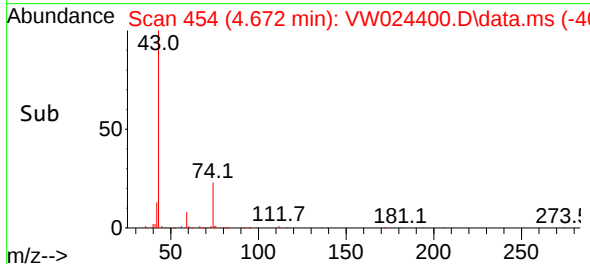
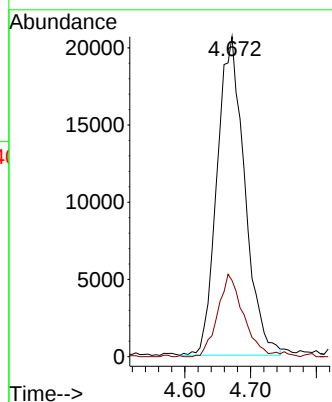
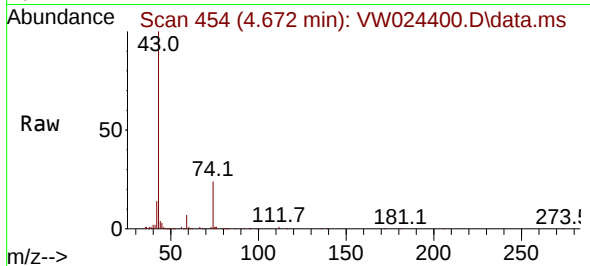
#15
Methyl Acetate
Concen: 21.892 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS

Tgt Ion: 43 Resp: 60454
Ion Ratio Lower Upper
43 100
74 23.8 17.9 26.9

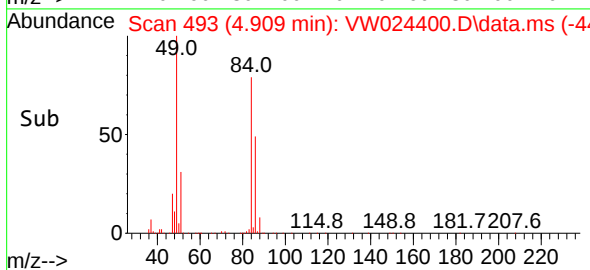
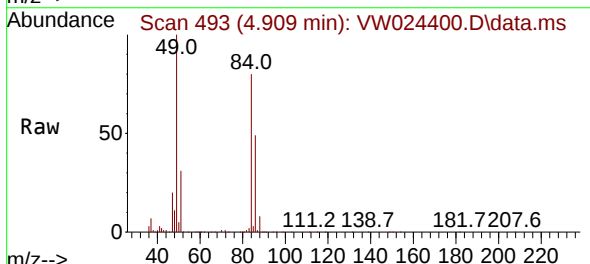
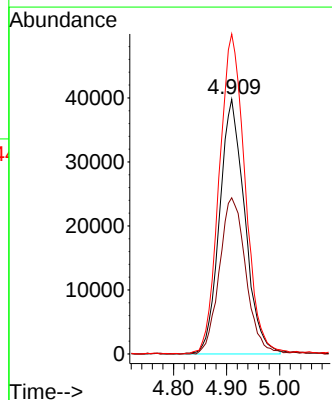
Manual Integrations
APPROVED

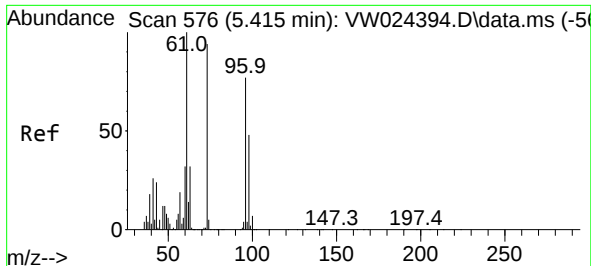
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#16
Methylene chloride
Concen: 20.994 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

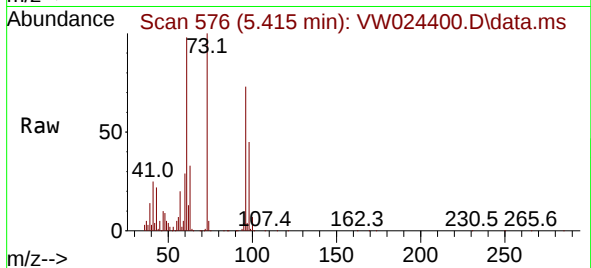
Tgt Ion: 84 Resp: 131171
Ion Ratio Lower Upper
84 100
86 61.3 47.7 88.7
49 125.7 96.6 179.4





#17
trans-1,2-Dichloroethene
Concen: 22.248 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

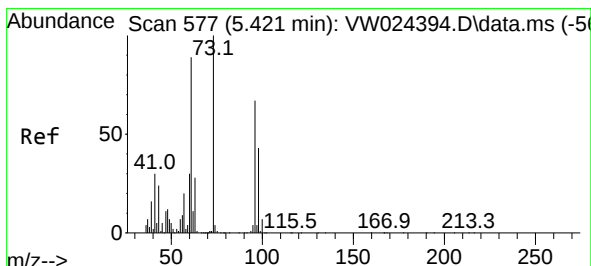
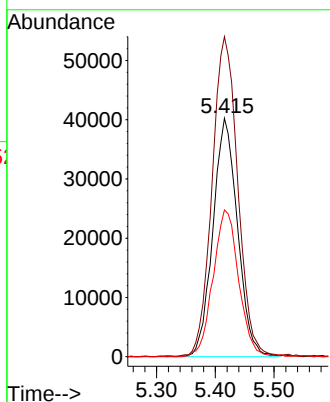
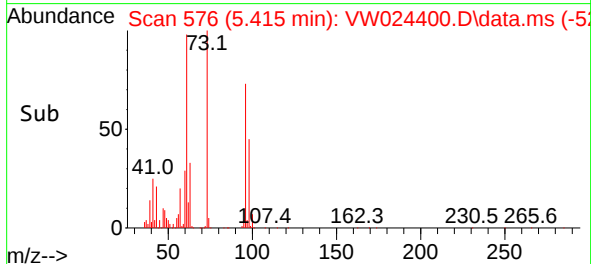
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



Tgt Ion: 96 Resp: 117180
Ion Ratio Lower Upper
96 100
61 134.2 92.1 171.1
98 61.5 44.7 83.1

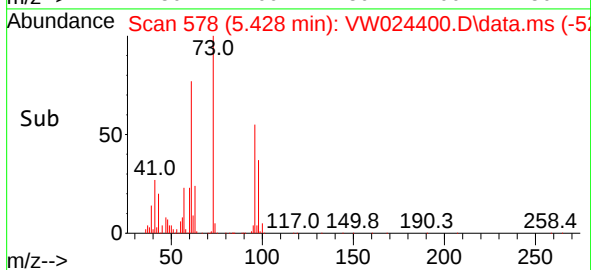
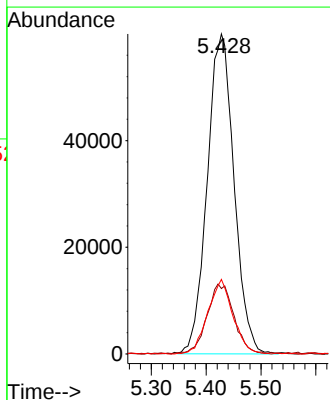
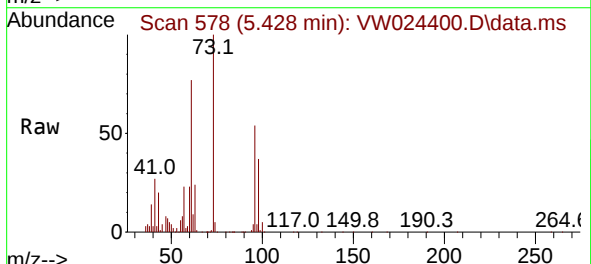
Manual Integrations
APPROVED

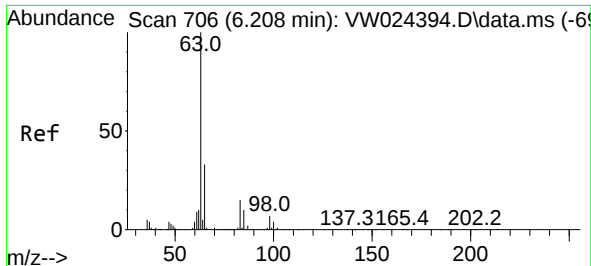
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#18
Methyl tert-butyl Ether
Concen: 23.636 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

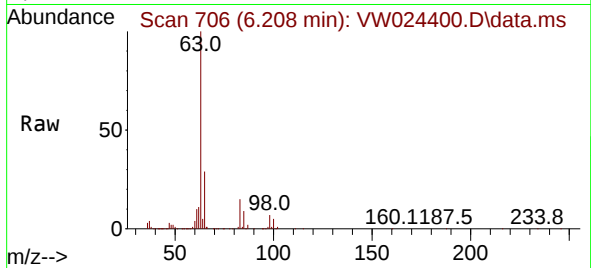
Tgt Ion: 73 Resp: 203845
Ion Ratio Lower Upper
73 100
43 21.5 18.8 28.2
57 21.8 18.1 27.1





#19
1,1-Dichloroethane
Concen: 21.726 ug/L
RT: 6.208 min Scan# 706
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

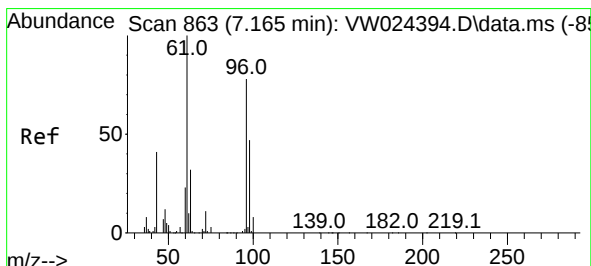
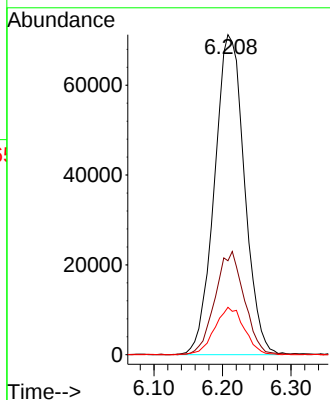
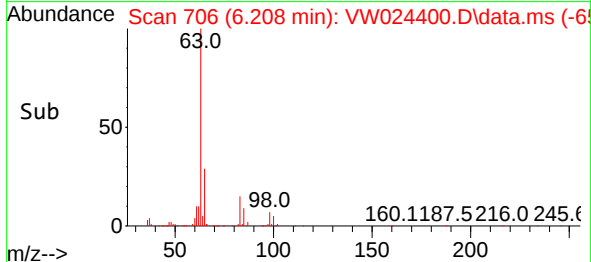
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



Tgt Ion: 63 Resp: 216380
Ion Ratio Lower Upper
63 100
65 29.4 23.6 43.8
83 14.8 10.4 19.4

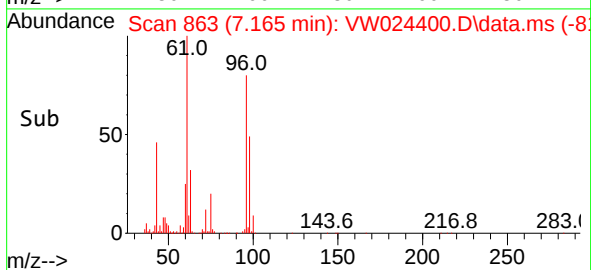
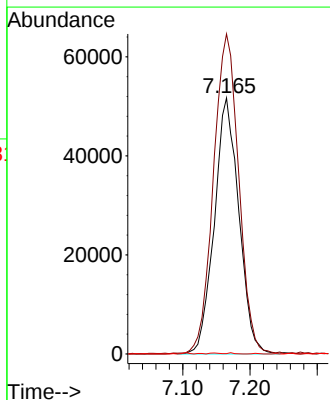
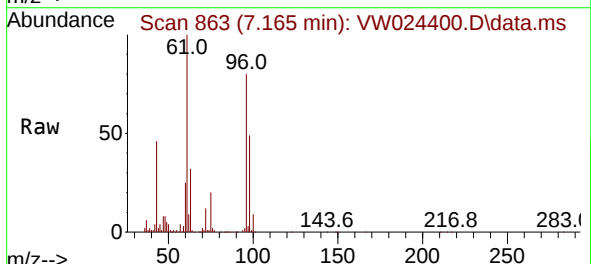
Manual Integrations
APPROVED

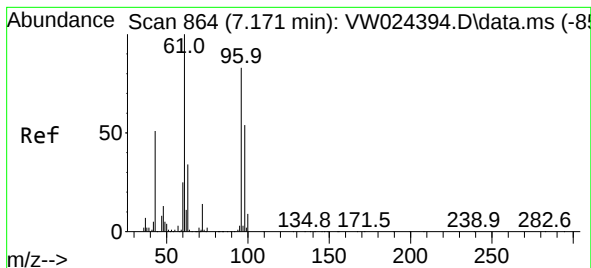
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#20
cis-1,2-Dichloroethene
Concen: 22.622 ug/L m
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

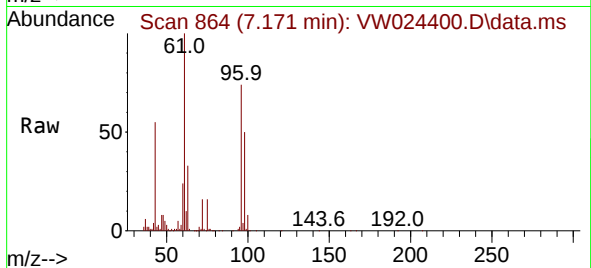
Tgt Ion: 96 Resp: 131031
Ion Ratio Lower Upper
96 100
61 125.0 90.2 167.6
68 0.2 0.0 0.0





#22
2-Butanone
Concen: 43.937 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

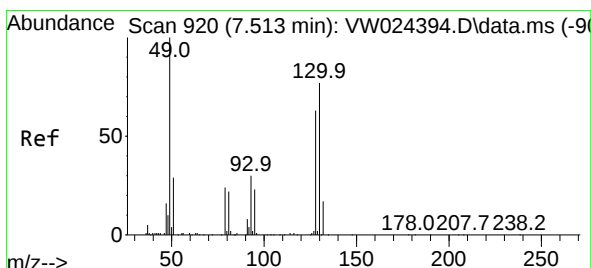
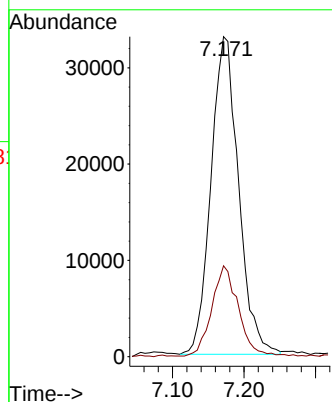
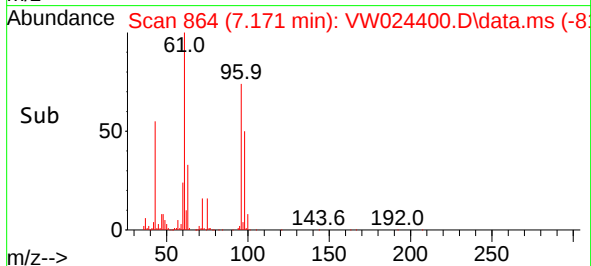
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



Tgt Ion: 43 Resp: 8848
Ion Ratio Lower Upper
43 100
72 27.6 13.9 41.6

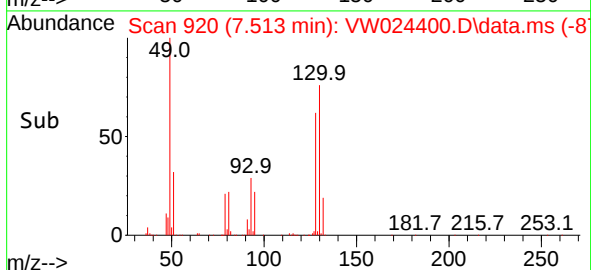
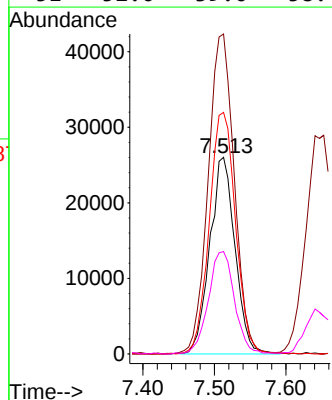
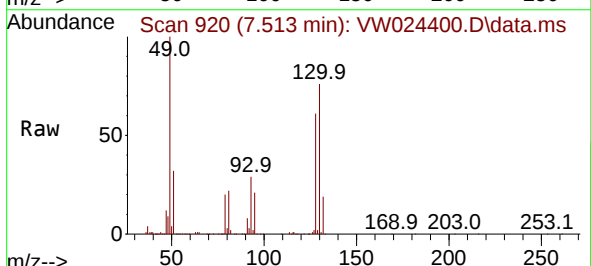
Manual Integrations
APPROVED

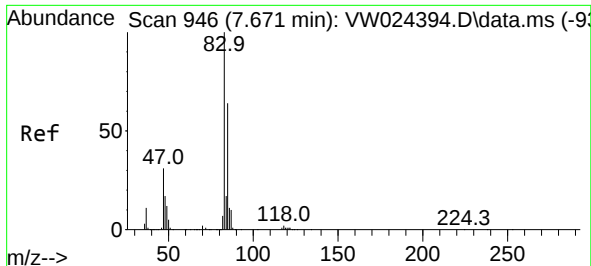
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#23
Bromochloromethane
Concen: 22.494 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

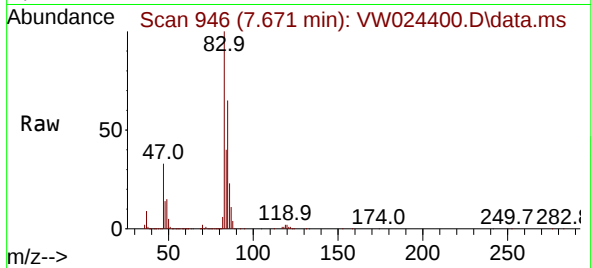
Tgt Ion:128 Resp: 63619
Ion Ratio Lower Upper
128 100
49 162.7 122.1 226.7
130 122.9 91.1 169.1
51 52.0 39.0 58.4





#25
Chloroform
Concen: 22.169 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

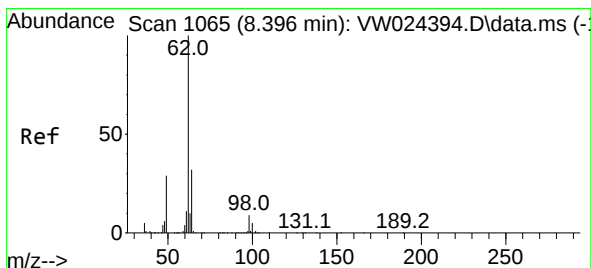
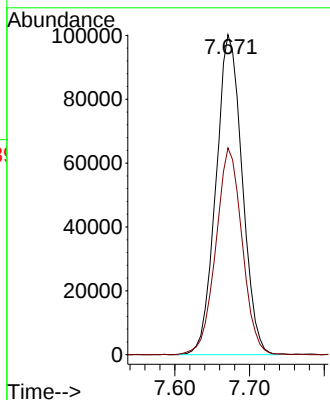
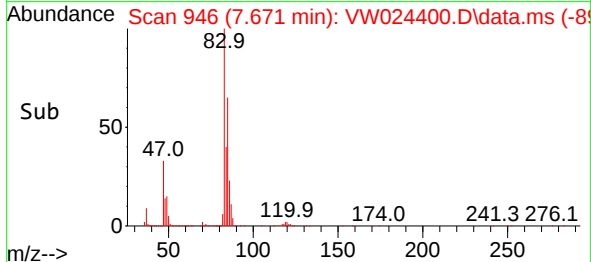
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



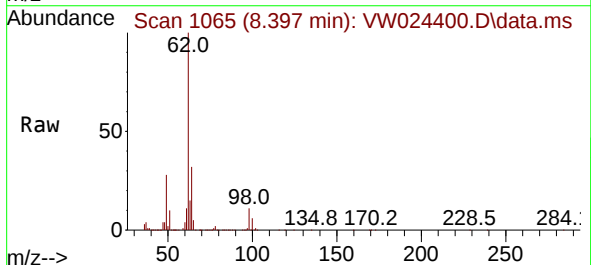
Tgt Ion: 83 Resp: 24498
Ion Ratio Lower Upper
83 100
85 64.6 47.5 88.1

Manual Integrations
APPROVED

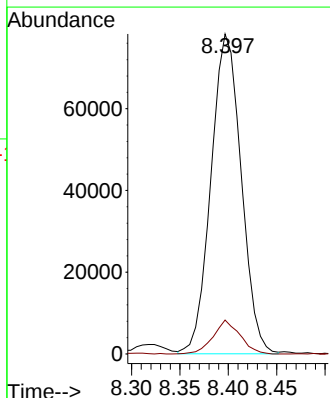
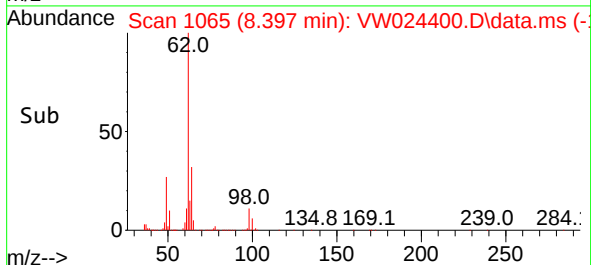
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

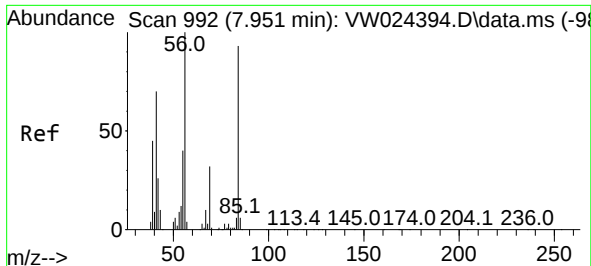


#27
1,2-Dichloroethane
Concen: 21.183 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54



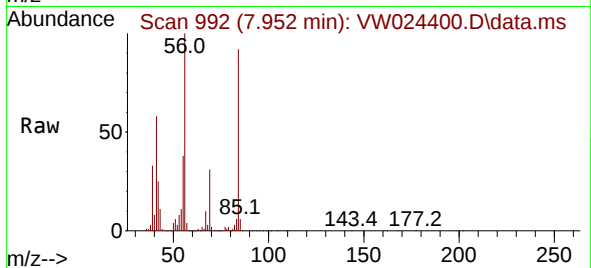
Tgt Ion: 62 Resp: 170390
Ion Ratio Lower Upper
62 100
98 10.6 6.7 10.1#





#29
Cyclohexane
Concen: 23.817 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

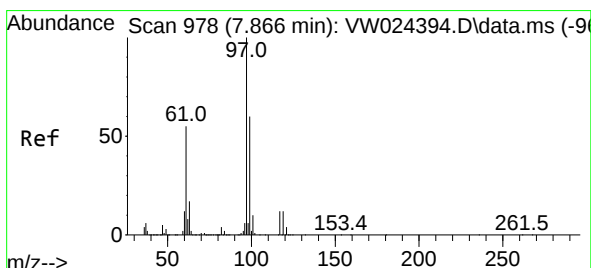
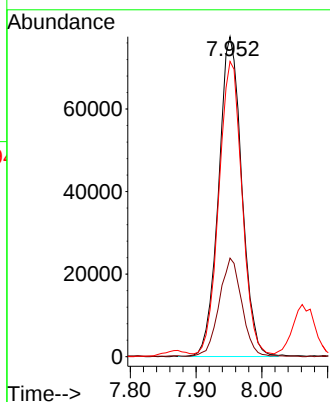
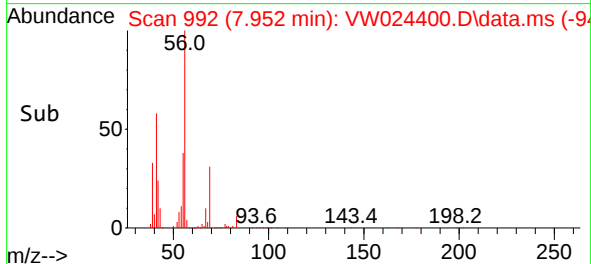
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



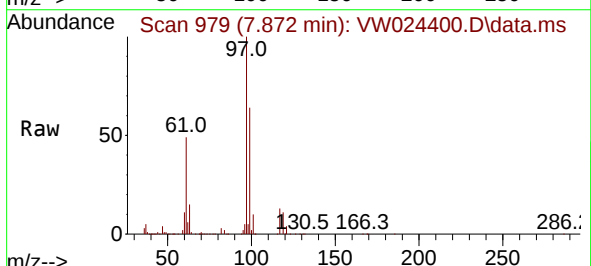
Tgt Ion: 56 Resp: 19032
Ion Ratio Lower Upper
56 100
69 30.0 23.5 35.3
84 92.5 72.2 108.4

Manual Integrations
APPROVED

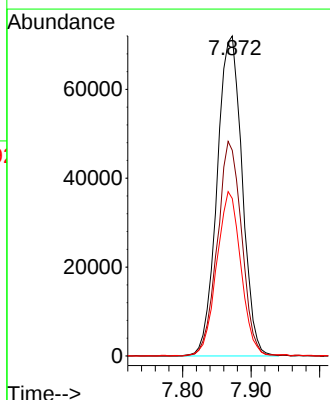
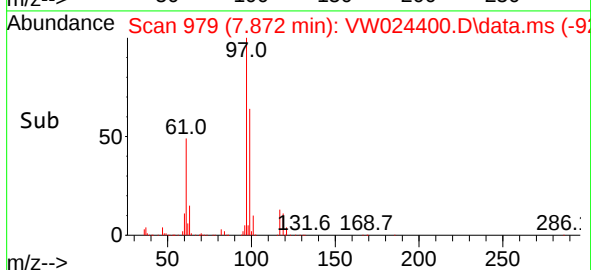
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

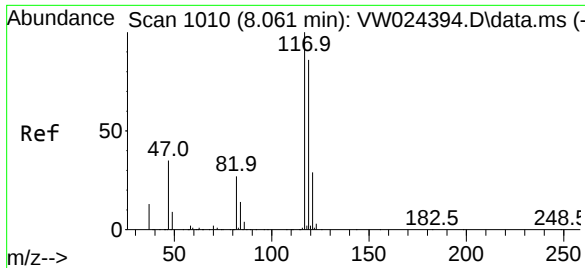


#30
1,1,1-Trichloroethane
Concen: 20.893 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54



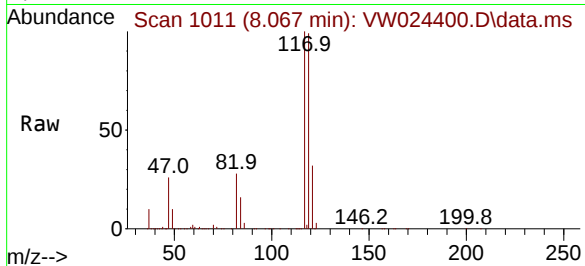
Tgt Ion: 97 Resp: 182580
Ion Ratio Lower Upper
97 100
99 65.1 50.2 75.2
61 49.9 40.2 60.4





#31
Carbon tetrachloride
Concen: 21.569 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

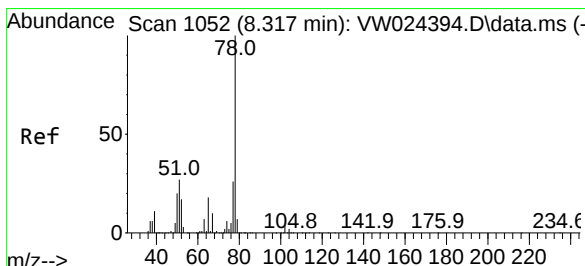
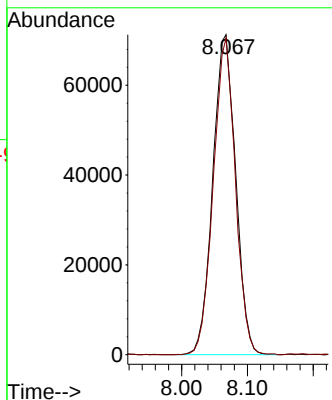
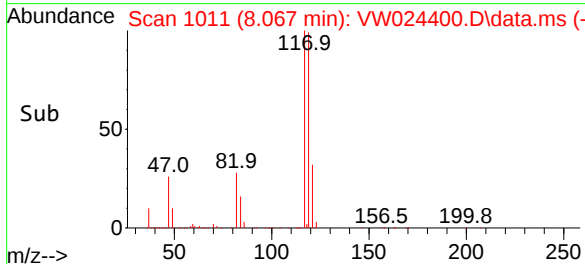
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



Tgt Ion:117 Resp: 172436
Ion Ratio Lower Upper
117 100
119 95.4 75.9 113.9

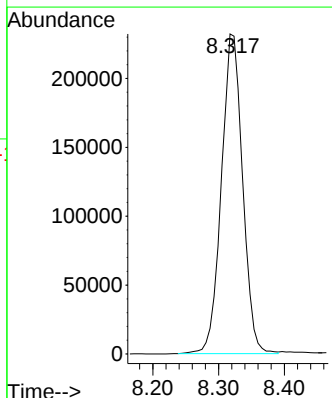
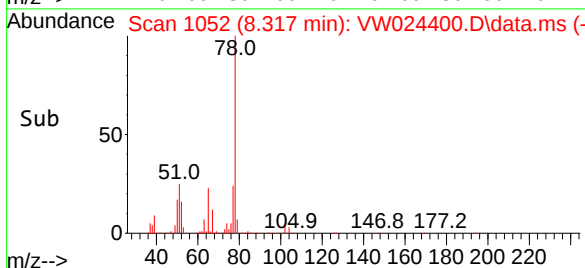
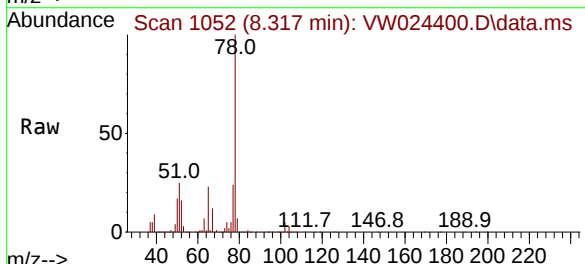
Manual Integrations
APPROVED

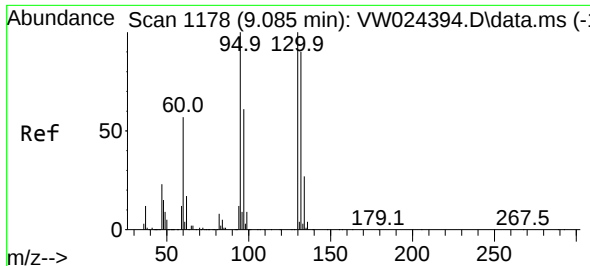
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#33
Benzene
Concen: 22.600 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

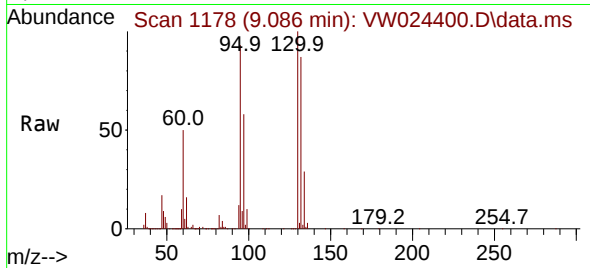
Tgt Ion: 78 Resp: 521546





#34
Trichloroethene
Concen: 22.107 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

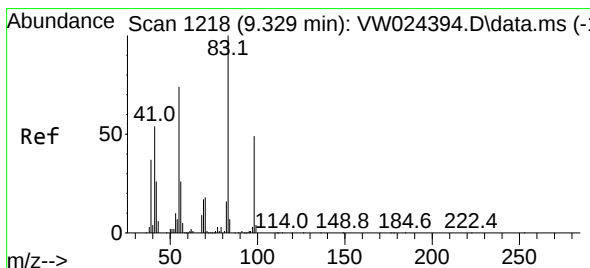
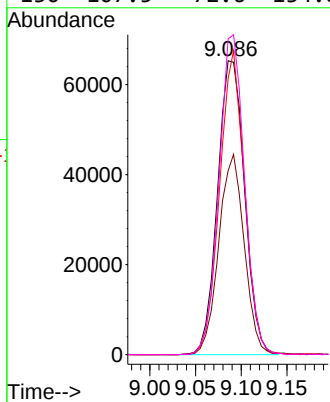
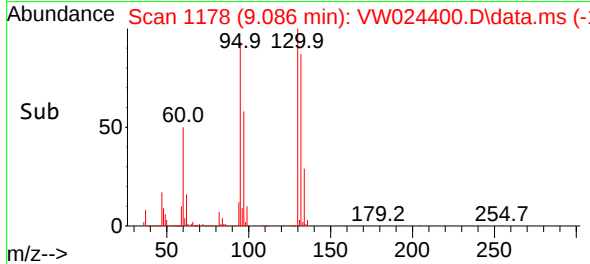
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



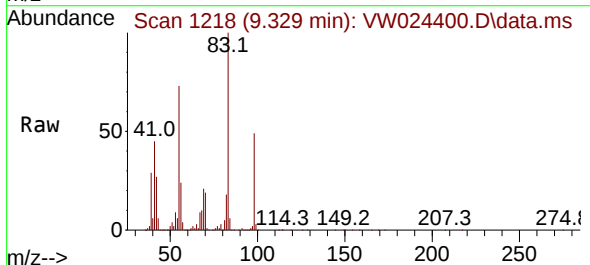
Tgt Ion: 95 Resp: 134464
Ion Ratio Lower Upper
95 100
97 62.5 48.4 89.8
132 93.9 68.6 127.4
130 107.5 72.6 134.8

Manual Integrations
APPROVED

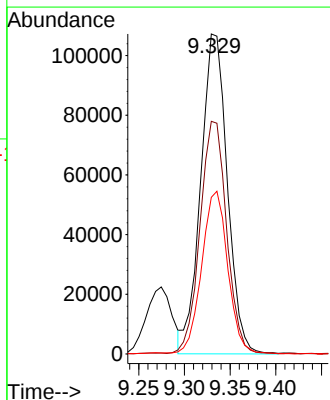
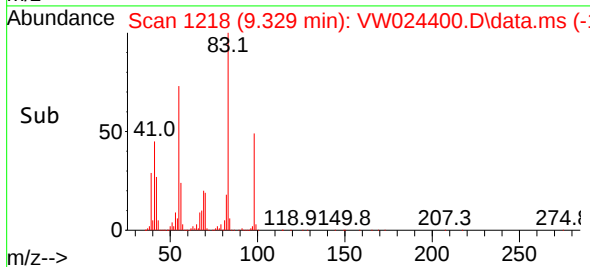
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

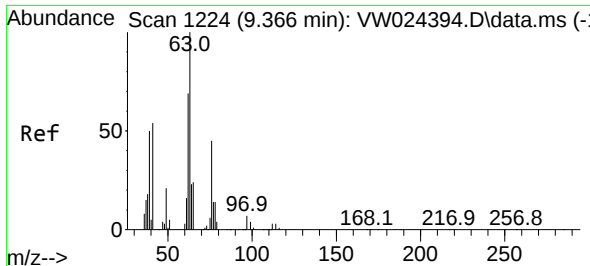


#35
Methylcyclohexane
Concen: 22.255 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54



Tgt Ion: 83 Resp: 217179
Ion Ratio Lower Upper
83 100
55 72.8 60.1 90.1
98 50.0 40.5 60.7





#37

1,2-Dichloropropane

Concen: 21.844 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MS

Tgt Ion: 63 Resp: 13009

Ion Ratio Lower Upper

63 100

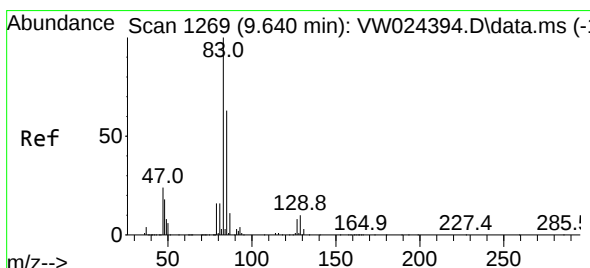
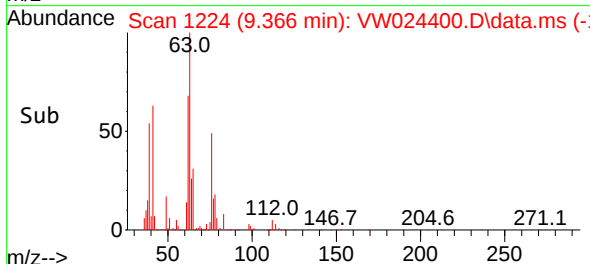
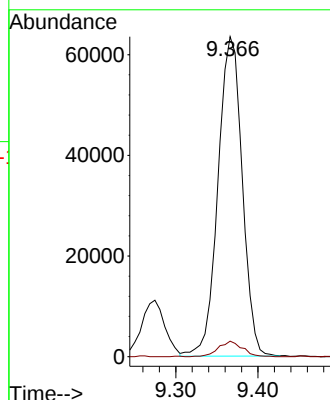
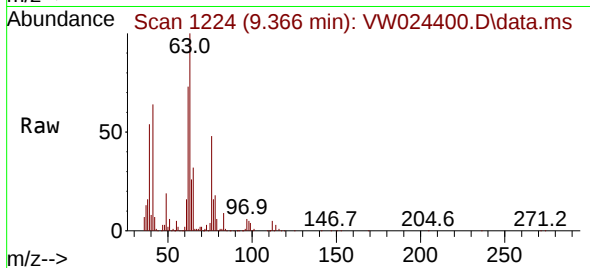
112 4.8 3.4 5.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022

Supervised By :Mahesh Dadoda 08/30/2022



#38

Bromodichloromethane

Concen: 22.545 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

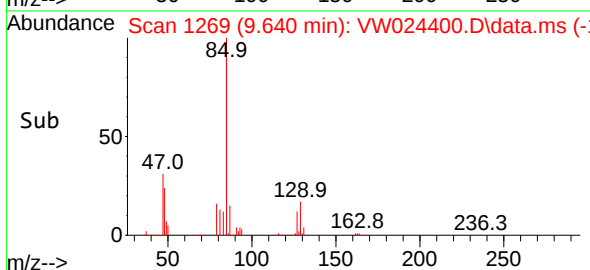
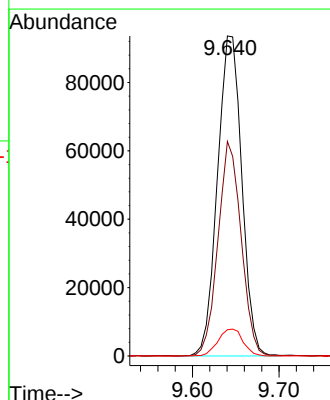
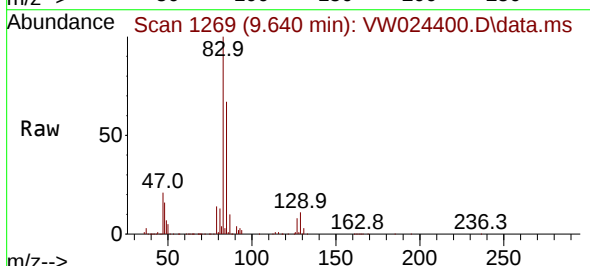
Tgt Ion: 83 Resp: 182848

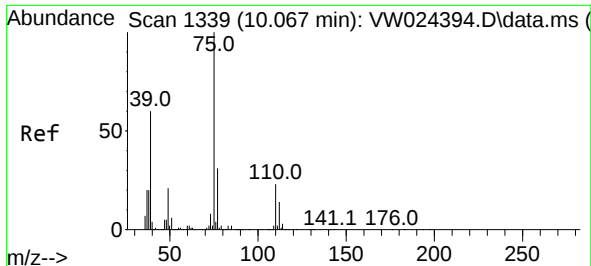
Ion Ratio Lower Upper

83 100

85 67.0 46.3 85.9

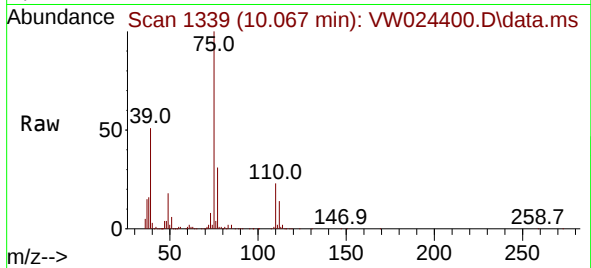
127 8.2 6.7 10.1





#39
cis-1,3-Dichloropropene
Concen: 24.299 ug/L
RT: 10.067 min Scan# 1339
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

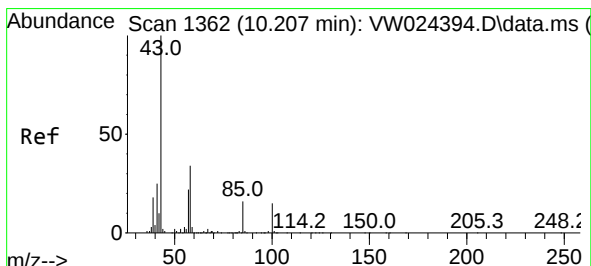
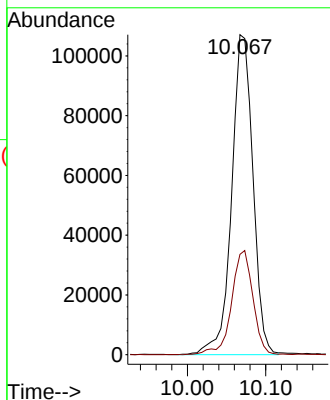
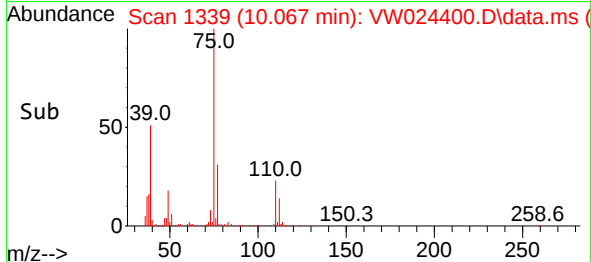
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



Tgt Ion: 75 Resp: 202290
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6

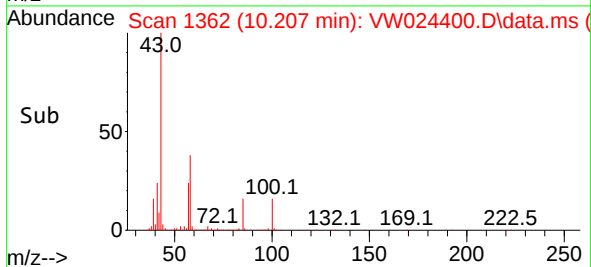
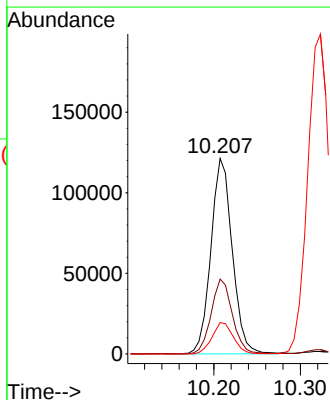
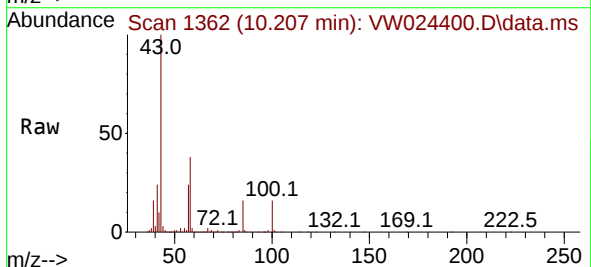
Manual Integrations
APPROVED

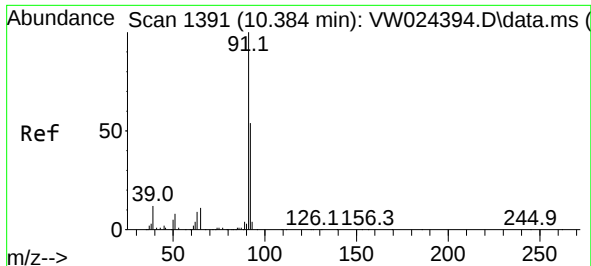
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#40
4-Methyl-2-pentanone
Concen: 49.096 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

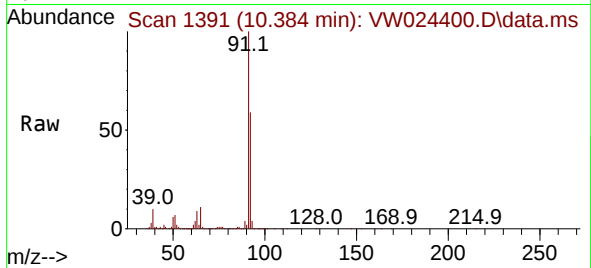
Tgt Ion: 43 Resp: 207916
Ion Ratio Lower Upper
43 100
58 38.2 29.4 44.2
100 16.1 11.8 17.8





#42
Toluene
Concen: 23.002 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

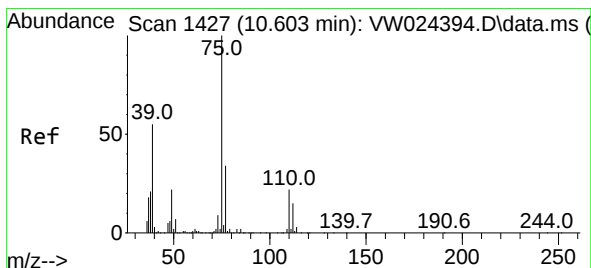
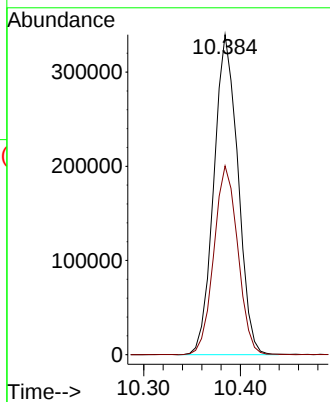
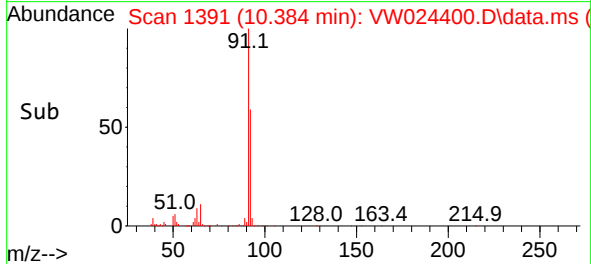
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



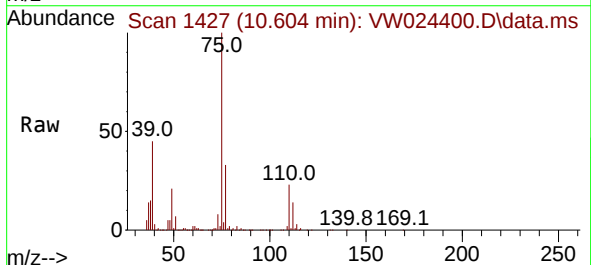
Tgt Ion: 91 Resp: 585819
Ion Ratio Lower Upper
91 100
92 59.0 40.0 74.4

Manual Integrations
APPROVED

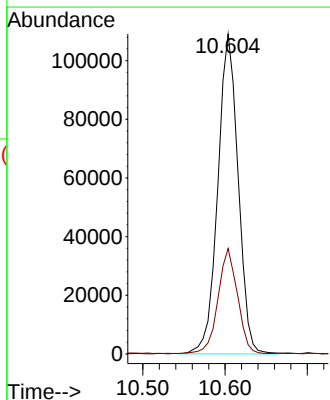
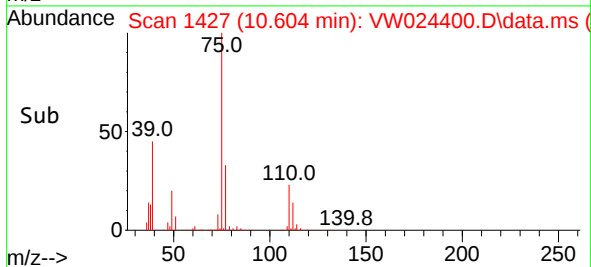
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

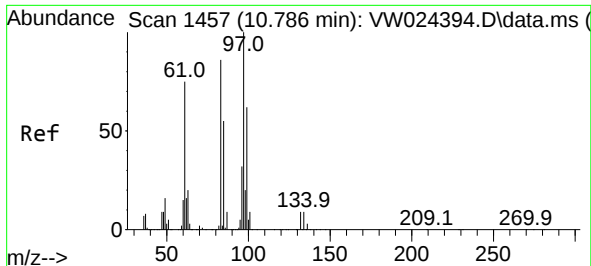


#44
trans-1,3-Dichloropropene
Concen: 23.166 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54



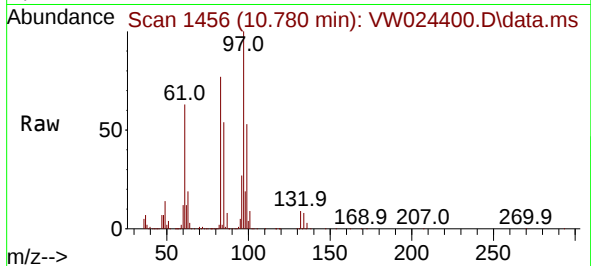
Tgt Ion: 75 Resp: 187402
Ion Ratio Lower Upper
75 100
77 33.0 21.1 39.1





#45
1,1,2-Trichloroethane
Concen: 23.223 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

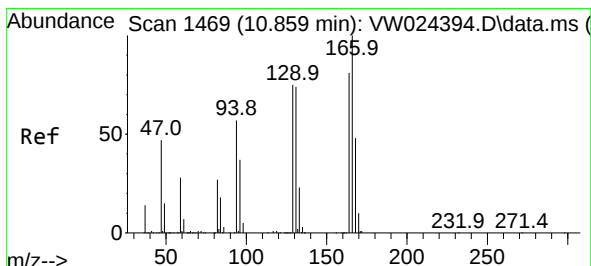
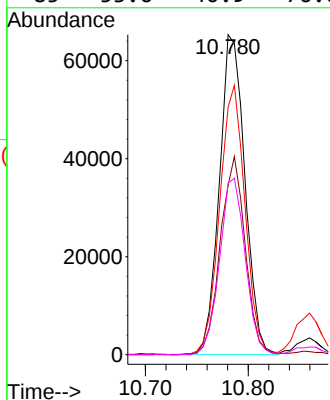
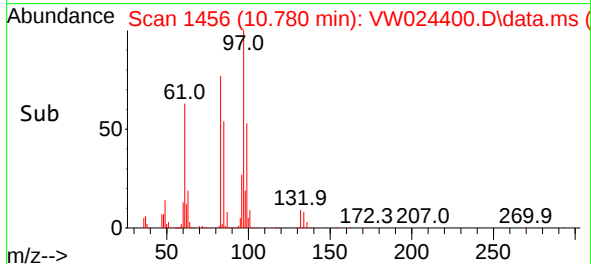
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



Tgt Ion: 97 Resp: 112783
Ion Ratio Lower Upper
97 100
99 52.9 40.4 75.0
83 77.4 60.1 111.5
85 53.6 40.9 76.0

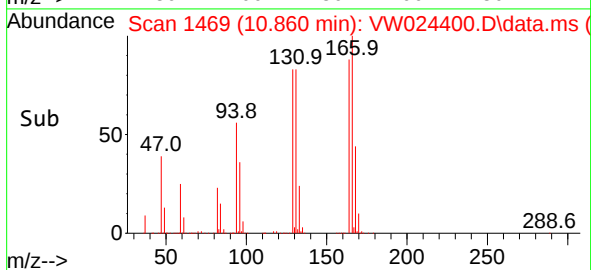
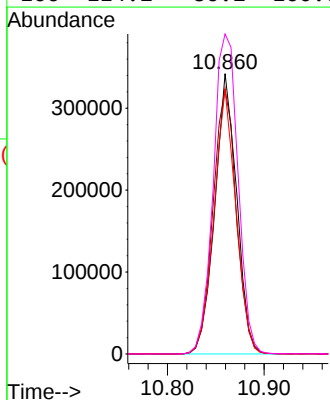
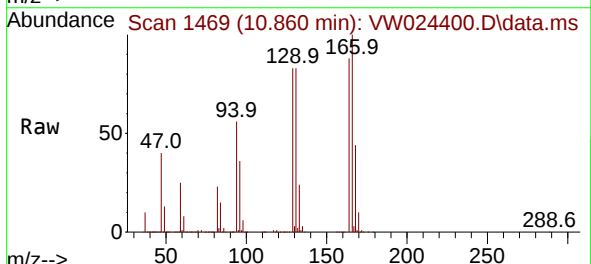
Manual Integrations
APPROVED

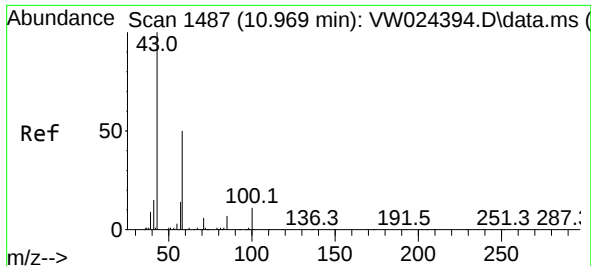
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#46
Tetrachloroethene
Concen: 113.753 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

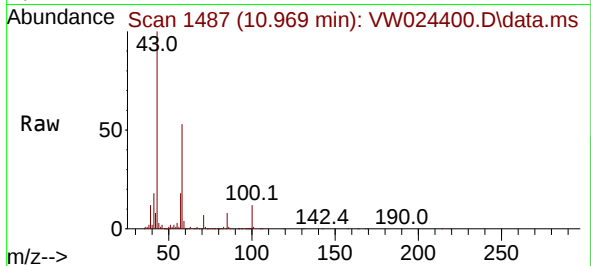
Tgt Ion:164 Resp: 537342
Ion Ratio Lower Upper
164 100
129 94.4 72.9 135.3
131 94.3 63.7 118.3
166 114.2 86.2 160.0





#48
2-Hexanone
Concen: 47.830 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

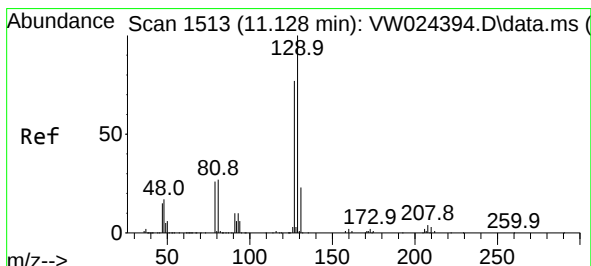
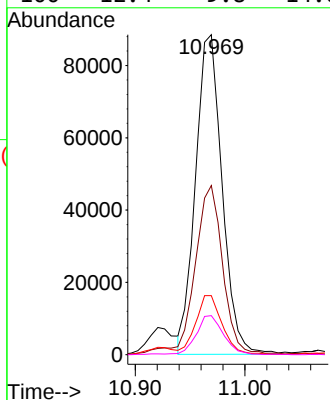
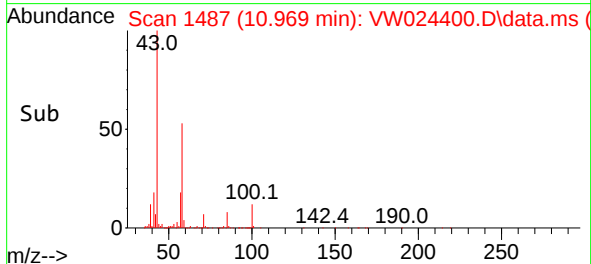
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



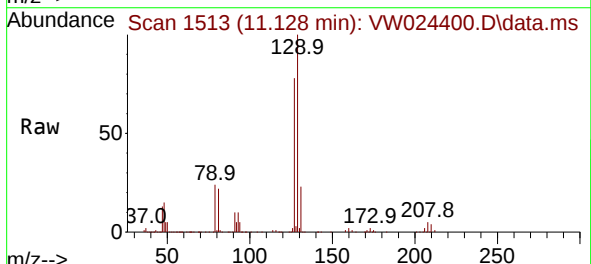
Tgt Ion: 43 Resp: 14940
Ion Ratio Lower Upper
43 100
58 53.1 40.6 61.0
57 18.5 14.2 21.2
100 12.4 9.8 14.6

Manual Integrations
APPROVED

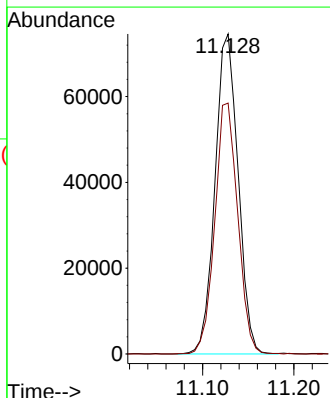
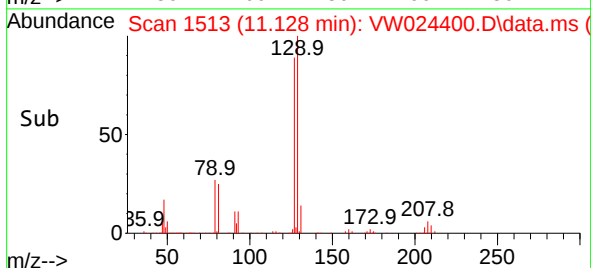
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

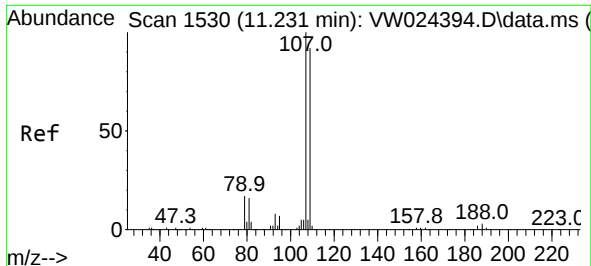


#49
Dibromochloromethane
Concen: 22.780 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54



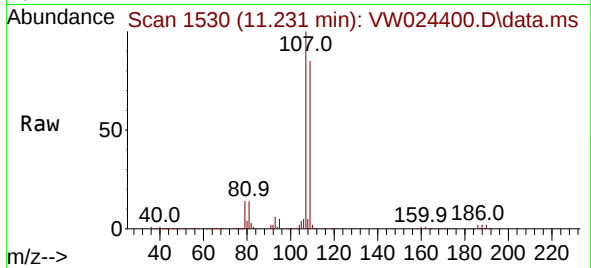
Tgt Ion:129 Resp: 130849
Ion Ratio Lower Upper
129 100
127 78.4 54.6 101.4





#50
1,2-Dibromoethane
Concen: 23.423 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

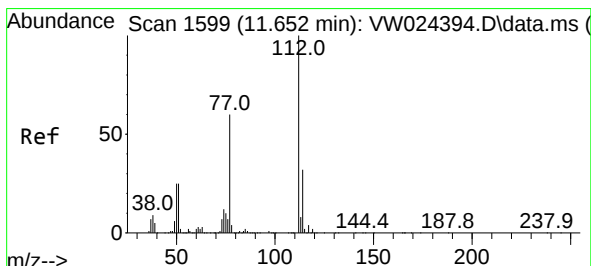
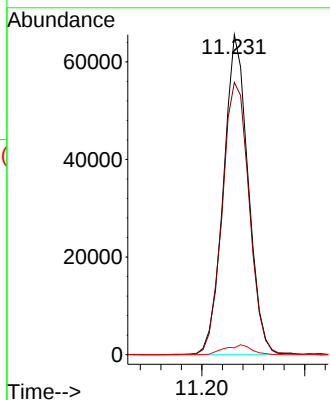
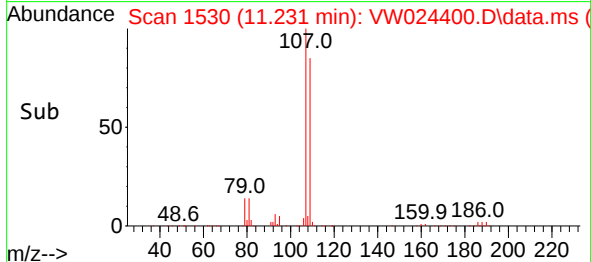
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



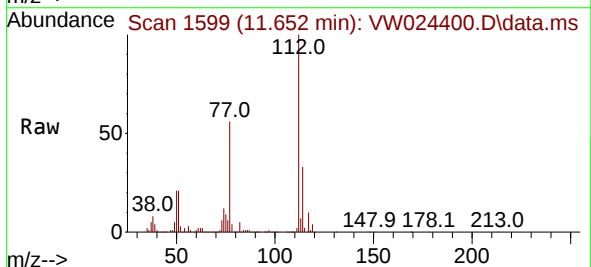
Tgt Ion:107 Resp: 10936
Ion Ratio Lower Upper
107 100
109 85.1 70.1 130.1
188 2.2 2.6 3.8

Manual Integrations
APPROVED

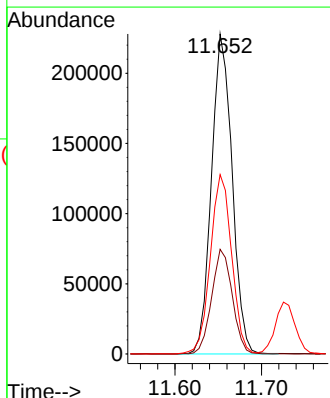
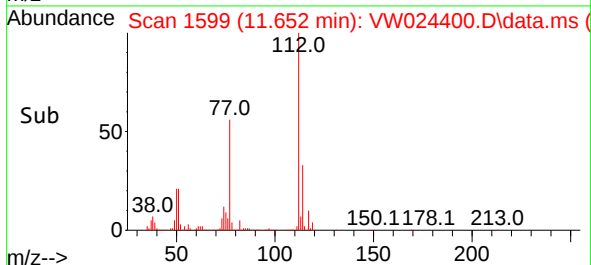
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

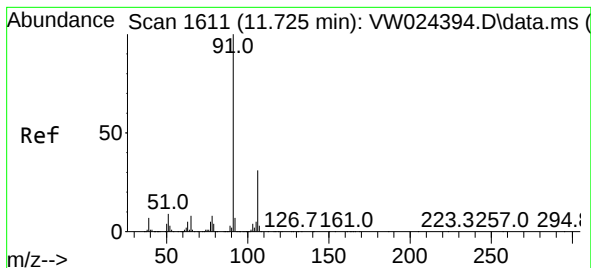


#51
Chlorobenzene
Concen: 22.135 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54



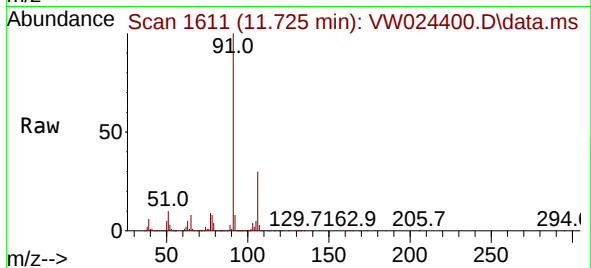
Tgt Ion:112 Resp: 378379
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.3
77 56.1 44.1 66.1





#52
Ethylbenzene
Concen: 23.310 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

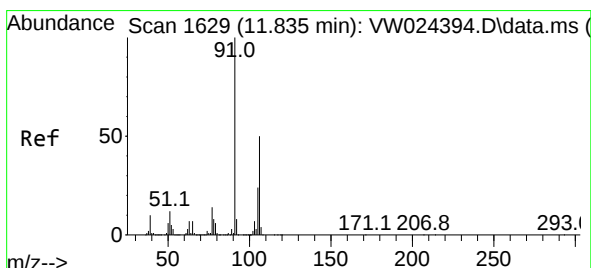
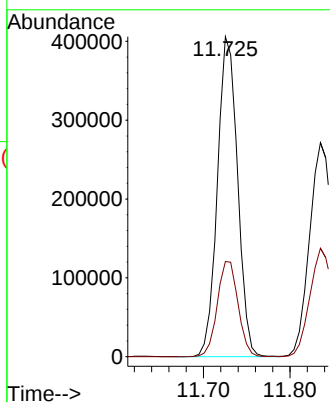
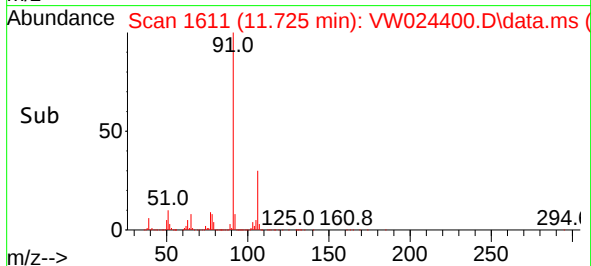
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



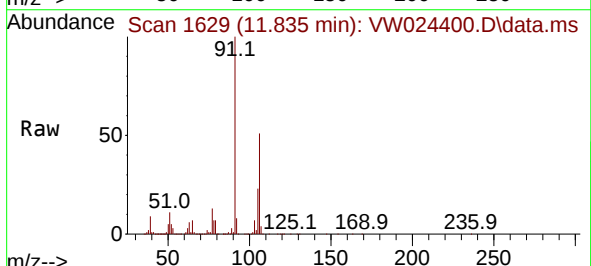
Tgt Ion: 91 Resp: 656329
Ion Ratio Lower Upper
91 100
106 29.8 22.7 42.3

Manual Integrations
APPROVED

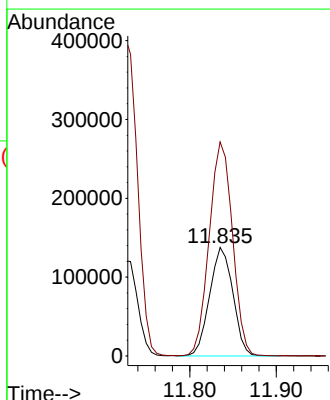
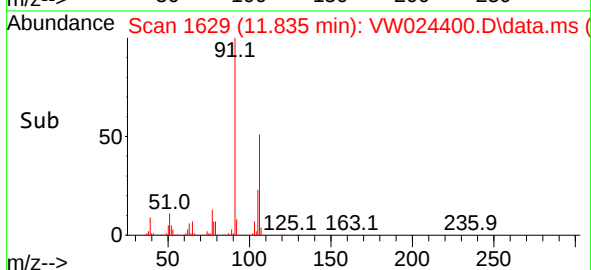
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

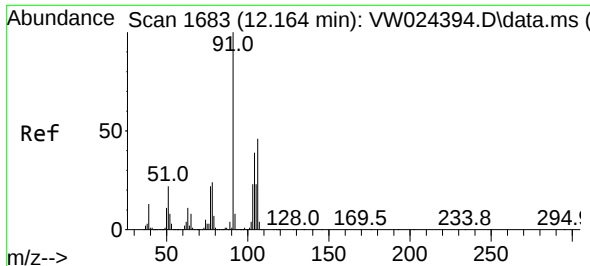


#53
m,p-Xylene
Concen: 23.258 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54



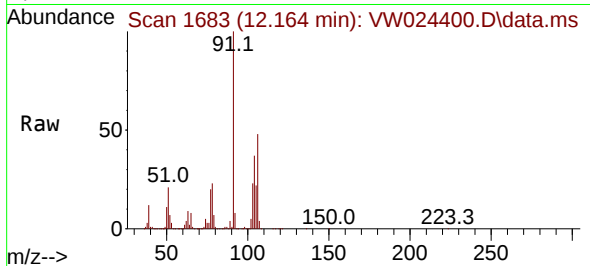
Tgt Ion:106 Resp: 257188
Ion Ratio Lower Upper
106 100
91 197.3 144.3 267.9





#54
o-Xylene
Concen: 23.709 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

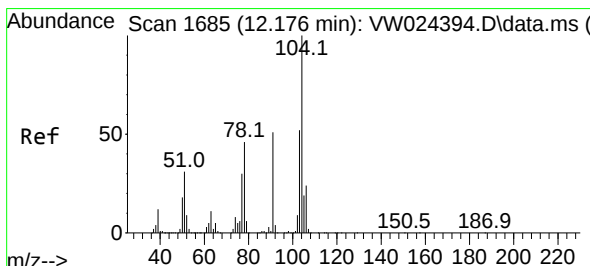
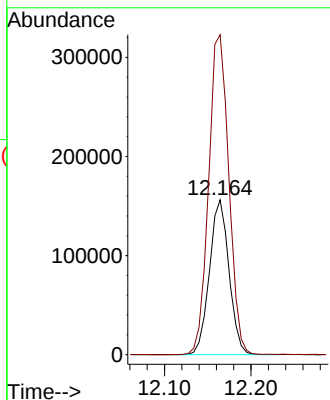
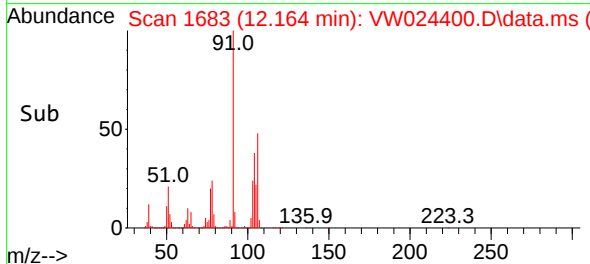
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



Tgt Ion:106 Resp: 245080
Ion Ratio Lower Upper
106 100
91 206.6 152.1 282.5

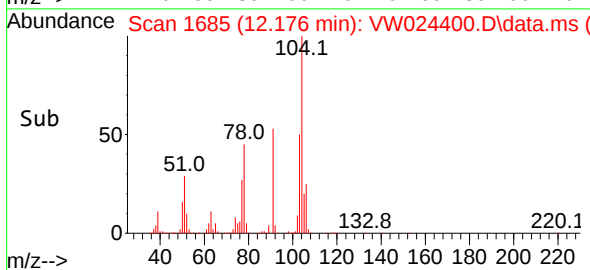
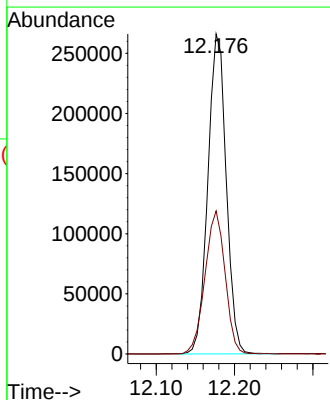
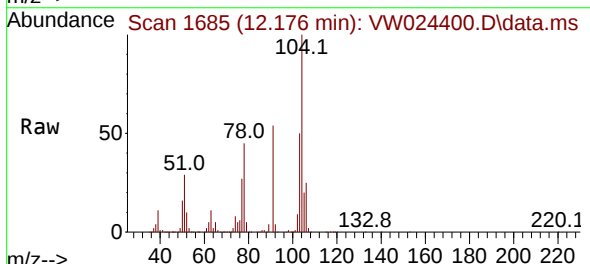
Manual Integrations
APPROVED

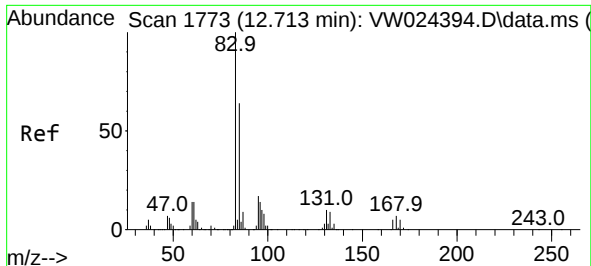
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#55
Styrene
Concen: 23.694 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

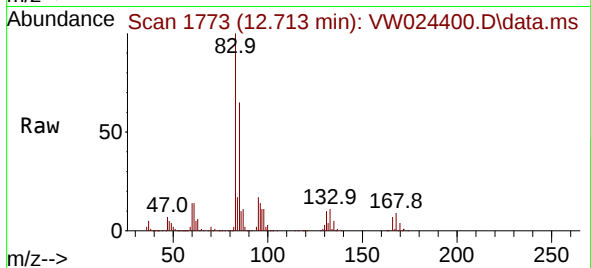
Tgt Ion:104 Resp: 432951
Ion Ratio Lower Upper
104 100
78 44.7 32.0 59.4





#57
1,1,2,2-Tetrachloroethane
Concen: 22.492 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

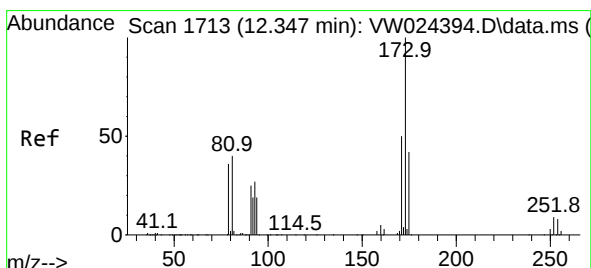
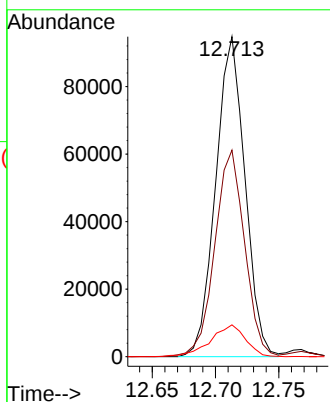
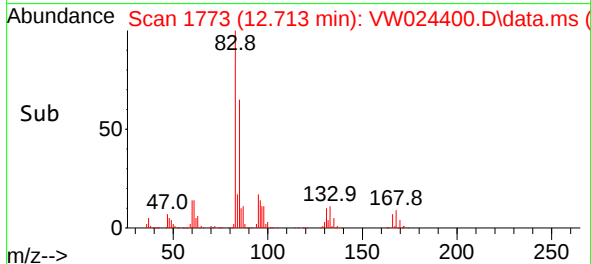
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



Tgt Ion: 83 Resp: 15246
Ion Ratio Lower Upper
83 100
85 64.5 44.4 82.5
131 9.9 8.4 12.6

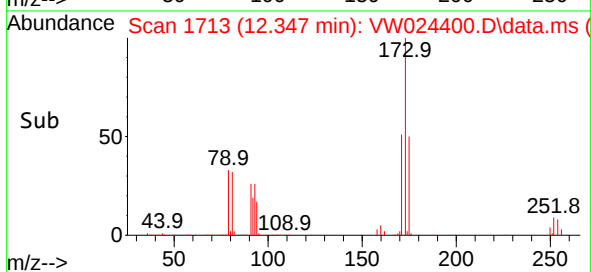
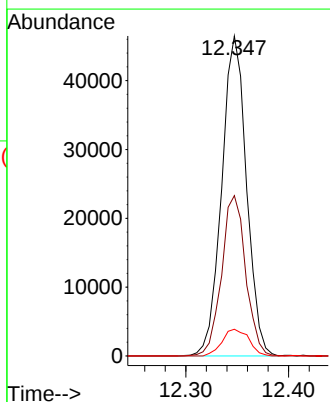
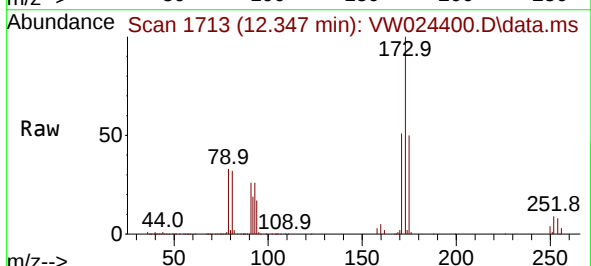
Manual Integrations
APPROVED

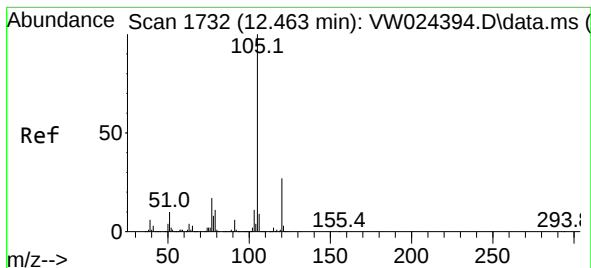
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#59
Bromoform
Concen: 23.672 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

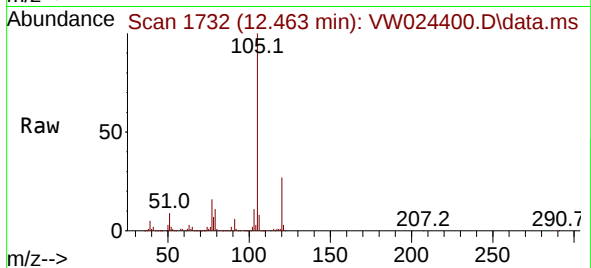
Tgt Ion:173 Resp: 77908
Ion Ratio Lower Upper
173 100
175 48.7 39.8 59.6
254 9.0 6.8 10.2





#60
Isopropylbenzene
Concen: 24.452 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

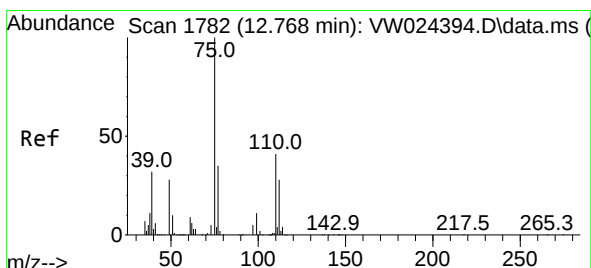
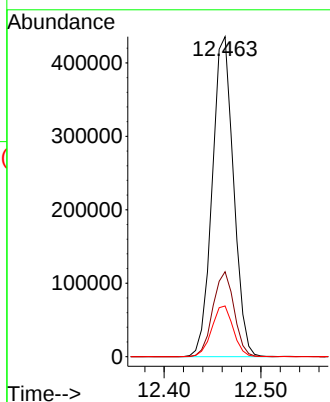
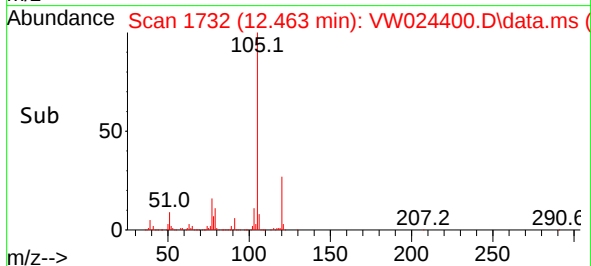
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



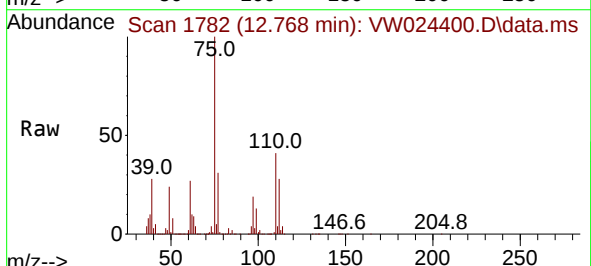
Tgt Ion:105 Resp: 66604
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 16.0 13.0 19.6

Manual Integrations
APPROVED

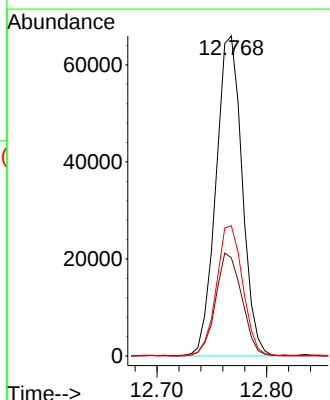
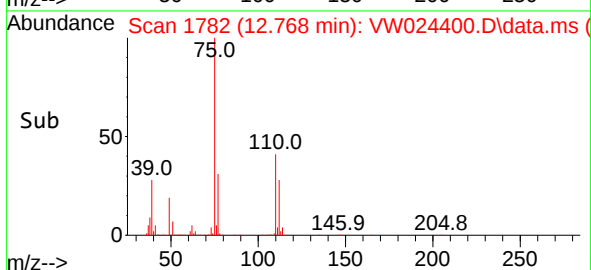
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

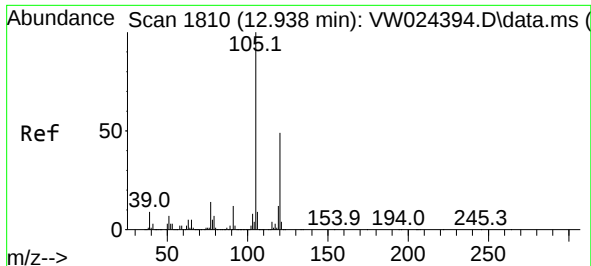


#61
1,2,3-Trichloropropane
Concen: 23.661 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54



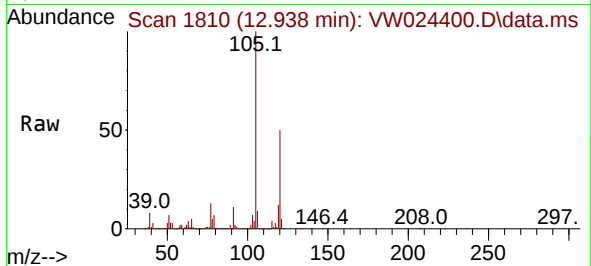
Tgt Ion: 75 Resp: 109734
Ion Ratio Lower Upper
75 100
77 31.9 26.5 39.7
110 40.9 33.8 50.8





#62
1,3,5-Trimethylbenzene
Concen: 25.061 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

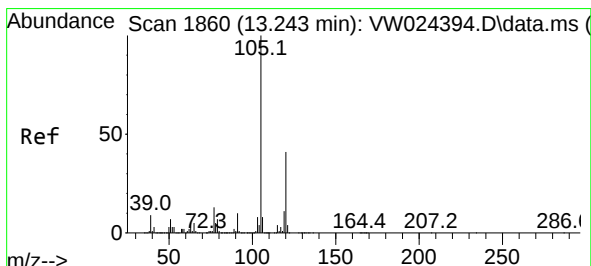
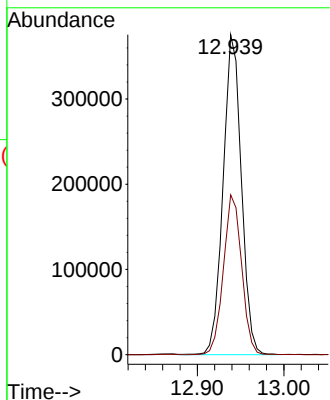
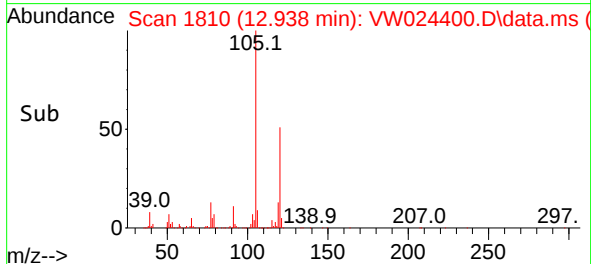
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



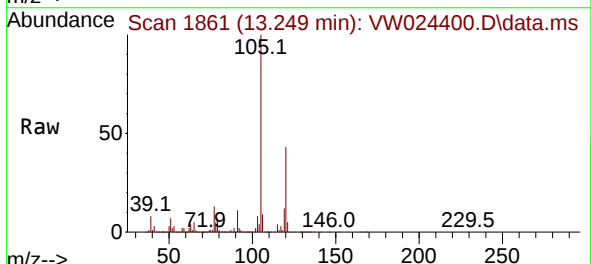
Tgt Ion:105 Resp: 550420
Ion Ratio Lower Upper
105 100
120 49.8 38.4 57.6

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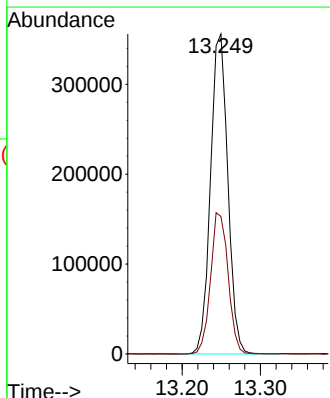
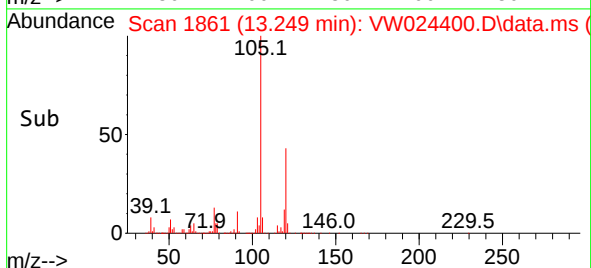
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

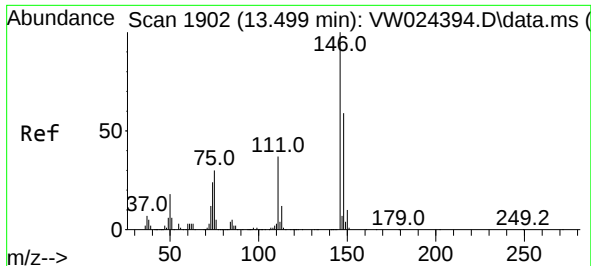


#63
1,2,4-Trimethylbenzene
Concen: 25.600 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54



Tgt Ion:105 Resp: 546138
Ion Ratio Lower Upper
105 100
120 44.6 36.2 54.2





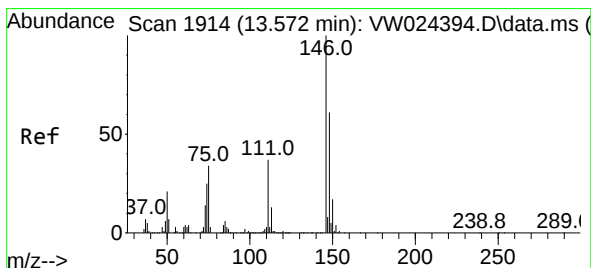
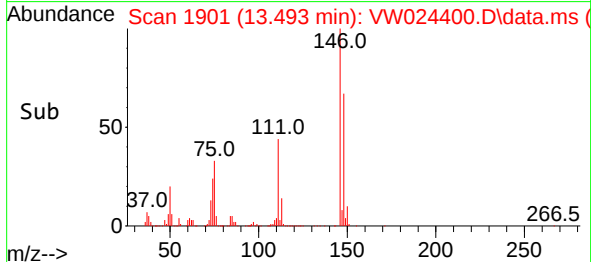
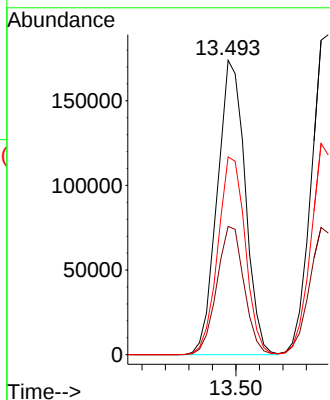
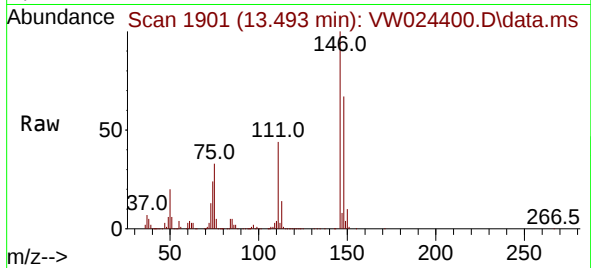
#64
1,3-Dichlorobenzene
Concen: 22.068 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS

Tgt Ion:146 Resp: 28739
Ion Ratio Lower Upper
146 100
111 43.6 27.0 50.2
148 67.2 44.9 83.3

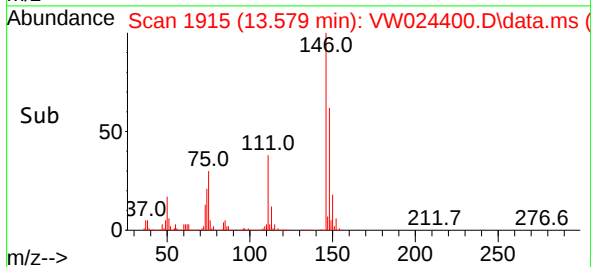
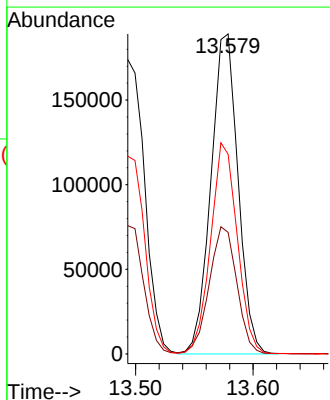
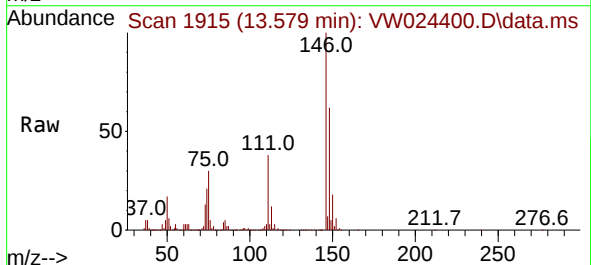
Manual Integrations
APPROVED

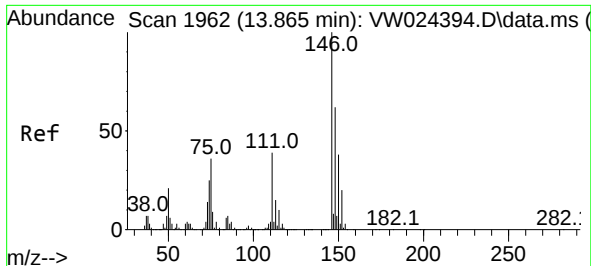
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#65
1,4-Dichlorobenzene
Concen: 22.114 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

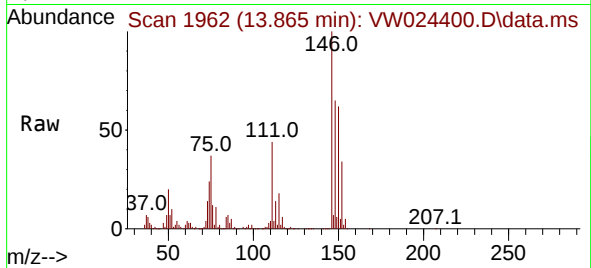
Tgt Ion:146 Resp: 304063
Ion Ratio Lower Upper
146 100
111 38.0 27.7 51.5
148 62.4 46.5 86.5





#67
1,2-Dichlorobenzene
Concen: 22.987 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

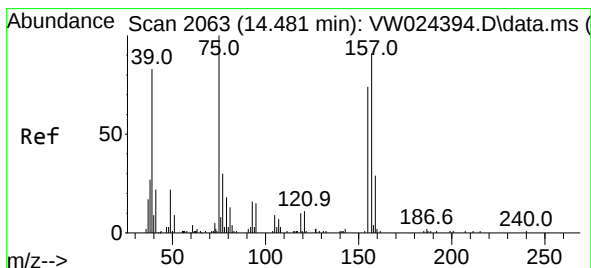
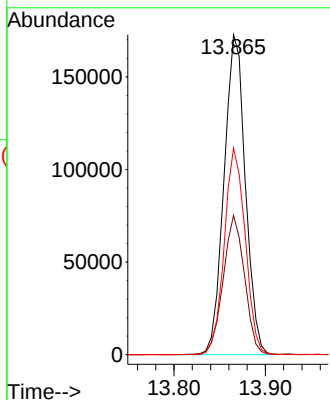
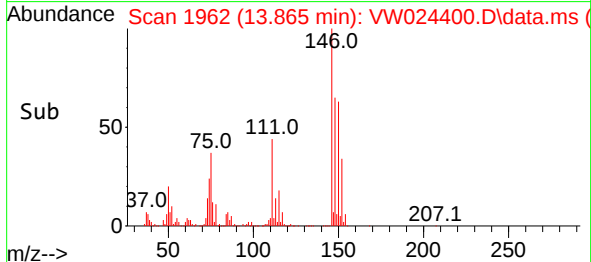
Instrument :
MSVOA_W
ClientSampleId :
DBVU8MS



Tgt Ion:146 Resp: 280620
Ion Ratio Lower Upper
146 100
111 43.5 34.5 51.7
148 64.6 50.6 75.8

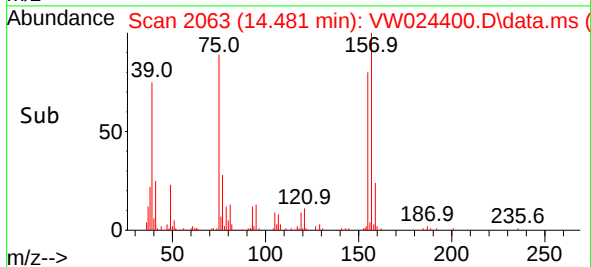
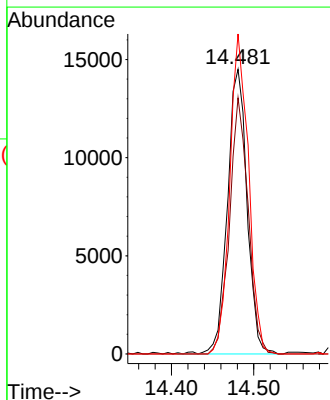
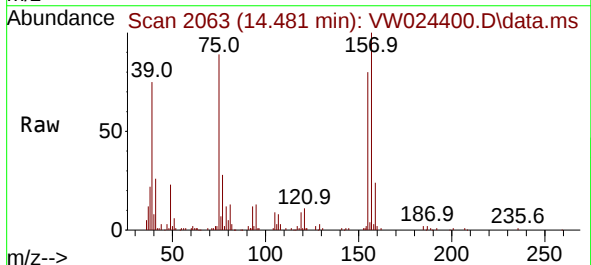
Manual Integrations
APPROVED

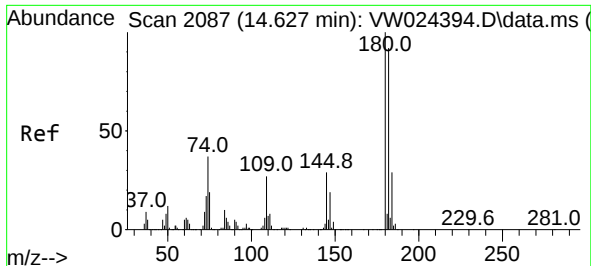
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#68
1,2-Dibromo-3-chloropropane
Concen: 20.698 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024400.D
Acq: 27 Aug 2022 14:54

Tgt Ion: 75 Resp: 24117
Ion Ratio Lower Upper
75 100
155 90.0 63.9 95.9
157 112.4 72.2 108.4#





#69

1,3,5-Trichlorobenzene

Concen: 21.682 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW024400.D

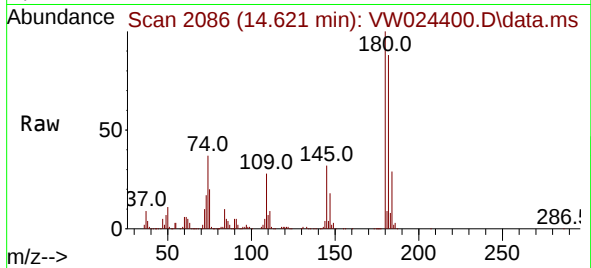
Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

ClientSampleId :

DBVU8MS



Tgt Ion:180 Resp: 18225

Ion Ratio Lower Upper

180 100

182 96.3 76.6 114.8

184 30.1 24.5 36.7

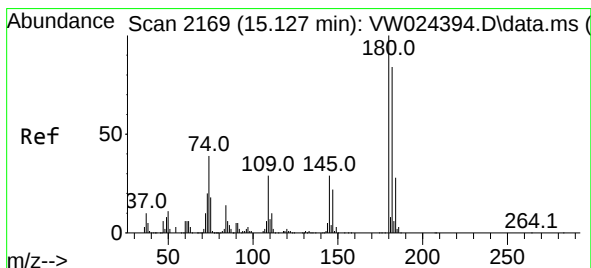
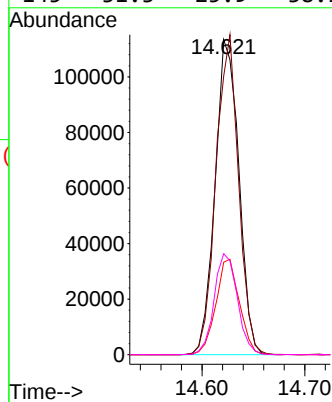
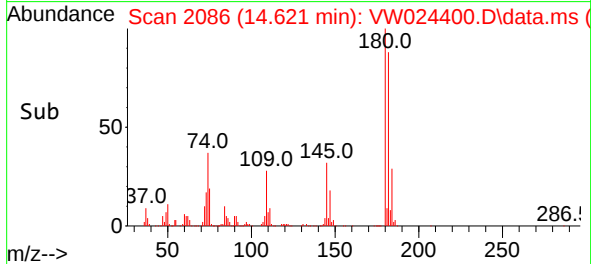
145 31.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022

Supervised By :Mahesh Dadoda 08/30/2022



#70

1,2,4-trichlorobenzene

Concen: 22.864 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

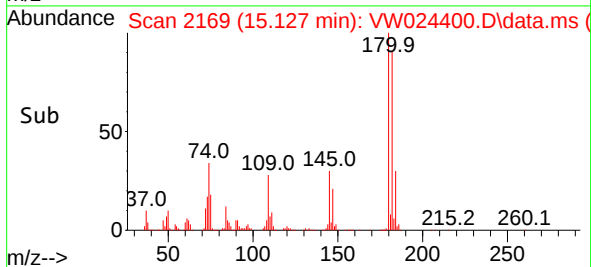
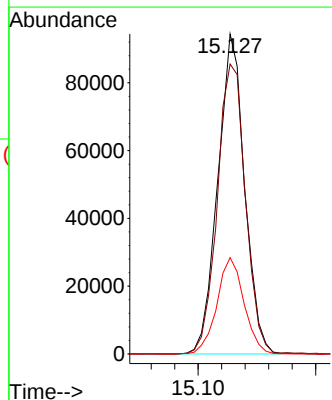
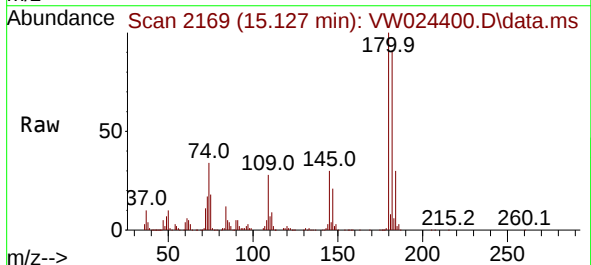
Tgt Ion:180 Resp: 149402

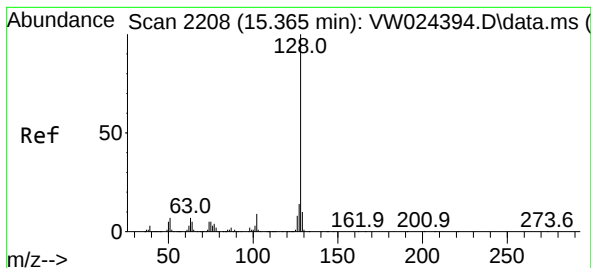
Ion Ratio Lower Upper

180 100

182 95.0 72.6 109.0

145 30.5 26.2 39.2





#71

Naphthalene

Concen: 25.952 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Instrument :

MSVOA_W

ClientSampleId :

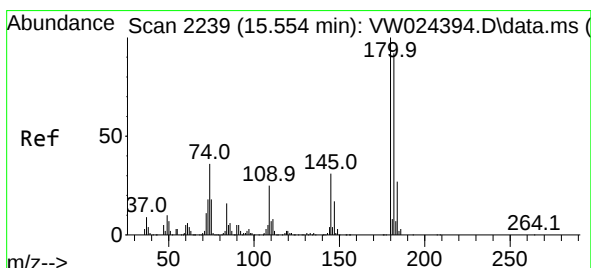
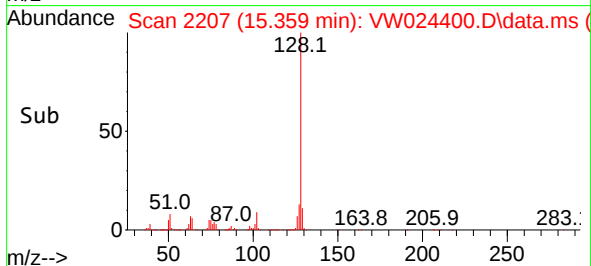
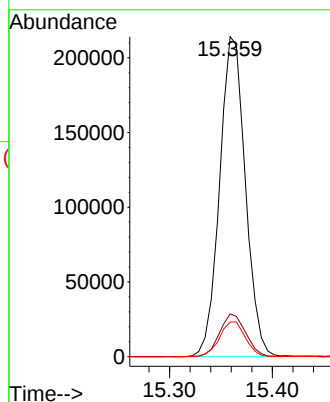
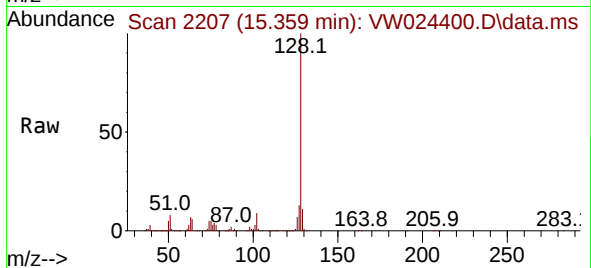
DBVU8MS

Tgt Ion:128 Resp: 372420
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.5 15.7
 129 11.0 8.3 12.5

Manual Integrations

APPROVED

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



#72

1,2,3-Trichlorobenzene

Concen: 21.549 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024400.D

Acq: 27 Aug 2022 14:54

Tgt Ion:180 Resp: 133078
 Ion Ratio Lower Upper
 180 100
 182 96.9 74.6 111.8
 145 33.7 26.6 40.0

