

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
 Data File : VW025412.D
 Acq On : 17 Mar 2023 12:04
 Operator : SY/MD
 Sample : 01927-13MSD
 Misc : 5.93g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCAQ8MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

Quant Time: Mar 17 21:41:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 17 21:39:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	759607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	612426	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	232390	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	265224	21.000	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.000%		
7) Chloroethane-d5	2.899	69	205502	22.613	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.440%		
11) 1,1-Dichloroethene-d2	4.027	63	549920	22.543	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.160%		
21) 2-Butanone-d5	7.075	46	127652	41.176	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.360%		
24) Chloroform-d	7.648	84	528695	24.143	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.560%		
26) 1,2-Dichloroethane-d4	8.307	65	277894	23.643	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.560%		
32) Benzene-d6	8.276	84	1083406	25.890	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.560%		
36) 1,2-Dichloropropane-d6	9.270	67	337260	26.052	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.200%		
41) Toluene-d8	10.325	98	918592	24.897	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.600%		
43) trans-1,3-Dichloroprop...	10.575	79	109438	21.230	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.920%		
47) 2-Hexanone-d5	10.922	63	81176	43.607	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.220%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	213492	22.510	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.040%		
66) 1,2-Dichlorobenzene-d4	13.855	152	191298	22.136	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	167742	19.323	ug/L	92
3) Chloromethane	2.223	50	247826	24.004	ug/L	97
5) Vinyl chloride	2.375	62	278091	23.841	ug/L	100
6) Bromomethane	2.790	94	129217	20.779	ug/L	97
8) Chloroethane	2.930	64	163848	24.440	ug/L	98
9) Trichlorofluoromethane	3.265	101	213471	21.144	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	218701	22.338	ug/L	96
12) 1,1-Dichloroethene	4.045	96	222812m	23.522	ug/L	
13) Acetone	4.119	43	105670	35.458	ug/L	99
14) Carbon disulfide	4.393	76	706045	23.973	ug/L	98
15) Methyl Acetate	4.667	43	83757	14.981	ug/L	100
16) Methylene chloride	4.917	84	246021	23.260	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	237620	23.930	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	350707	23.460	ug/L	100
19) 1,1-Dichloroethane	6.222	63	501756	24.401	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	262504	24.145	ug/L #	100
22) 2-Butanone	7.173	43	144028	37.360	ug/L	98
23) Bromochloromethane	7.514	128	105915	22.654	ug/L	90
25) Chloroform	7.679	83	463309	23.968	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	301054	23.337	ug/L	99
29) Cyclohexane	7.953	56	417797	24.168	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	359350	24.683	ug/L	99
31) Carbon tetrachloride	8.069	117	316096	24.222	ug/L	99
33) Benzene	8.325	78	1029895	26.303	ug/L	100
34) Trichloroethene	9.093	95	253496	24.667	ug/L	97
35) Methylcyclohexane	9.337	83	346755	19.587	ug/L	98
37) 1,2-Dichloropropane	9.368	63	275891	25.598	ug/L	99
38) Bromodichloromethane	9.642	83	312464	24.858	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	337610	21.743	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	304463	47.000	ug/L	100
42) Toluene	10.386	91	1027444	25.414	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	277429	21.336	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	172760	23.868	ug/L	99
46) Tetrachloroethene	10.861	164	164141	22.447	ug/L	98
48) 2-Hexanone	10.965	43	208101	44.652	ug/L	99
49) Dibromochloromethane	11.130	129	181973	23.530	ug/L	97
50) 1,2-Dibromoethane	11.233	107	149859	22.367	ug/L #	99
51) Chlorobenzene	11.654	112	578247	22.537	ug/L	97
52) Ethylbenzene	11.727	91	1051494	22.805	ug/L	100
53) m,p-Xylene	11.837	106	388831	22.864	ug/L	99
54) o-Xylene	12.166	106	367877	22.988	ug/L	95
55) Styrene	12.178	104	601078	21.995	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	190804	21.192	ug/L	98
59) Bromoform	12.349	173	89844	26.797	ug/L	99
60) Isopropylbenzene	12.459	105	946693	27.327	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	142107	28.067	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	719304	26.217	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	693388	25.654	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	328506	22.379	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	331875	22.041	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	292041	22.182	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	27657	23.595	ug/L #	92
69) 1,3,5-Trichlorobenzene	14.623	180	156093	15.643	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	108330	13.094	ug/L	99
71) Naphthalene	15.360	128	253021	15.493	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	91585	12.324	ug/L	95

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

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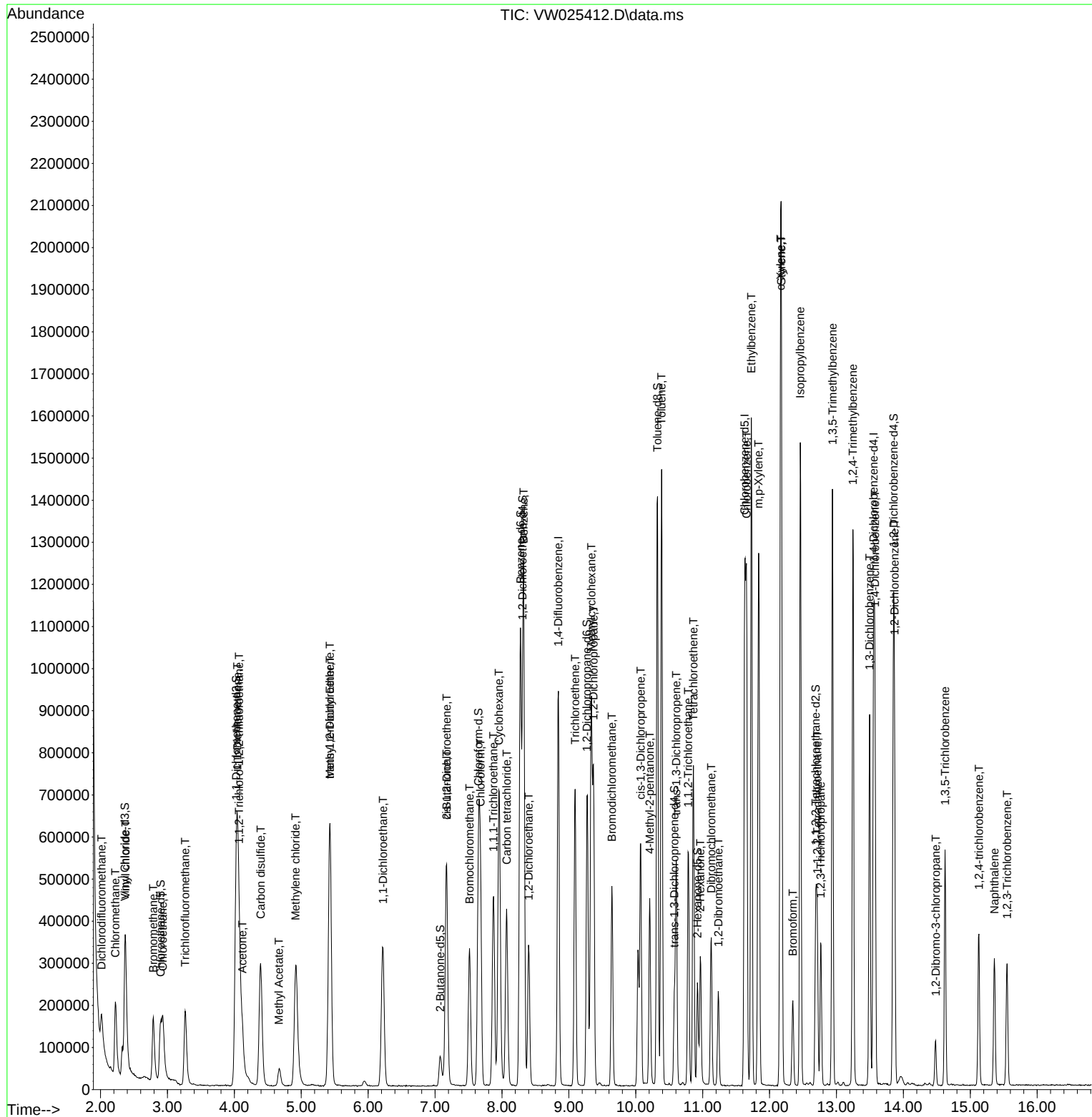
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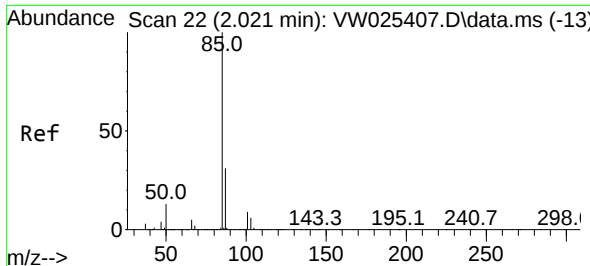
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Quant Title : SFAM01.0

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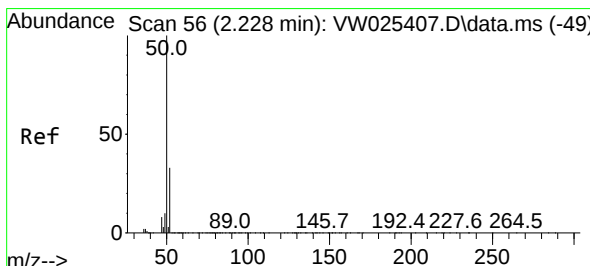
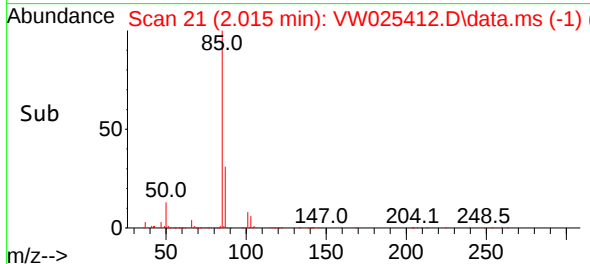
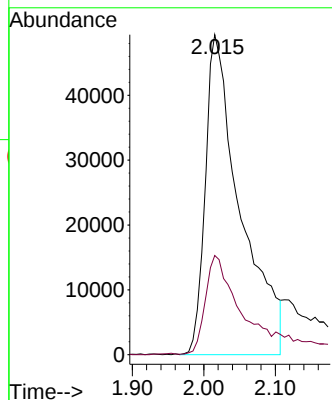
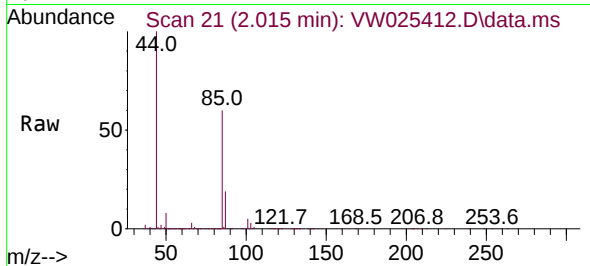
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Dichlorodifluoromethane
Concen: 19.323 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

Tgt Ion: 85 Resp: 16774
Ion Ratio Lower Upper
85 100
87 29.7 20.5 30.7

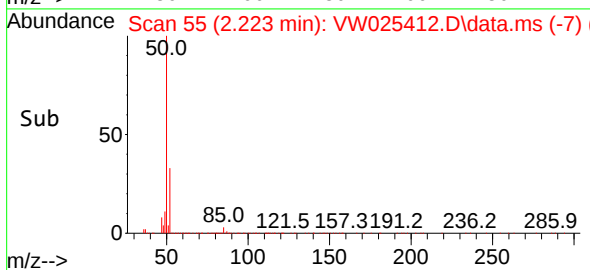
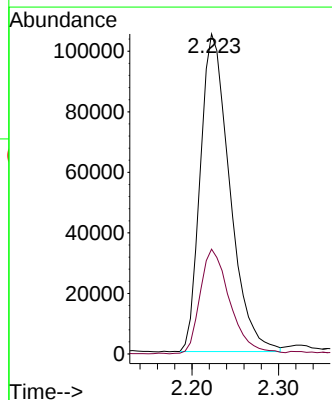
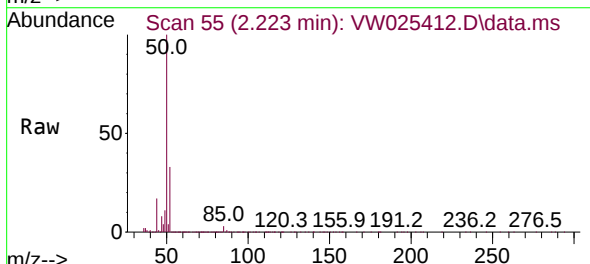
Manual Integrations
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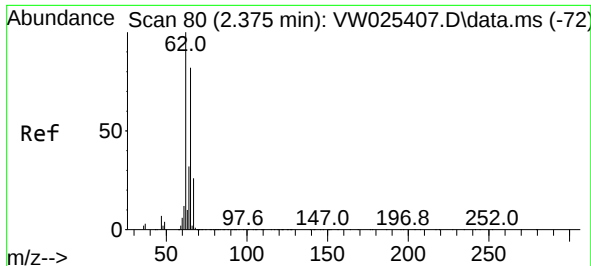
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#3
Chloromethane
Concen: 24.004 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

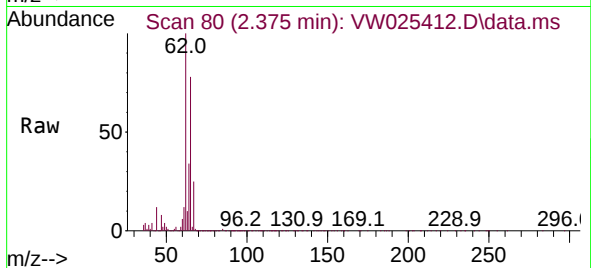
Tgt Ion: 50 Resp: 247826
Ion Ratio Lower Upper
50 100
52 32.8 21.9 40.7





#5
 Vinyl chloride
 Concen: 23.841 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025412.D
 Acq: 17 Mar 2023 12:04

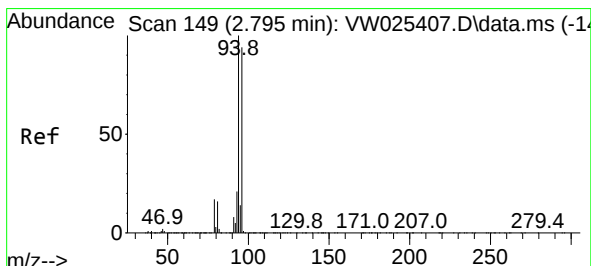
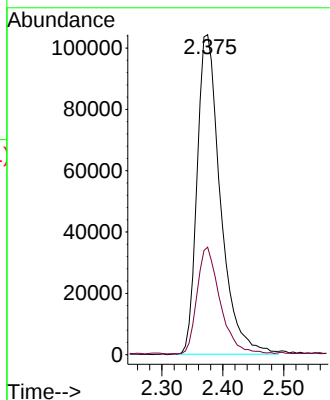
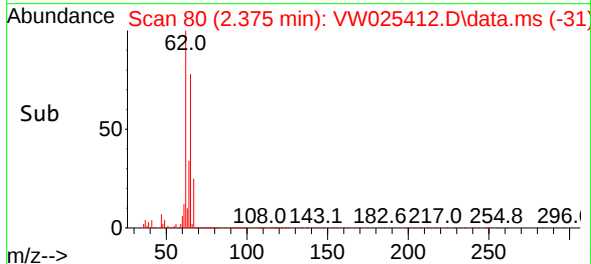
Instrument :
 MSVOA_W
 ClientSampleId :
 DCAQ8MSD



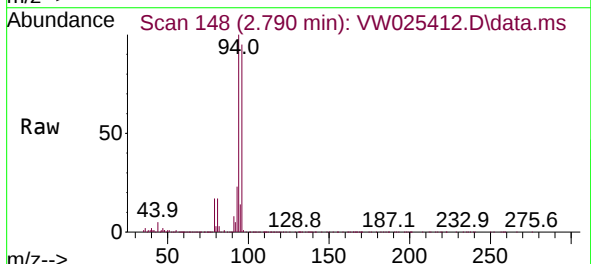
Tgt Ion: 62 Resp: 27809
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.6

Manual Integrations
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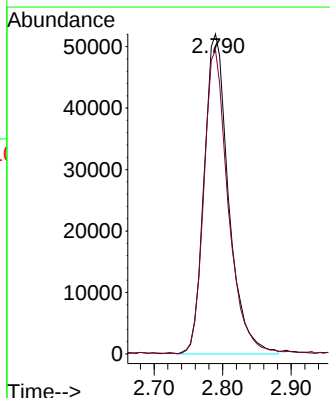
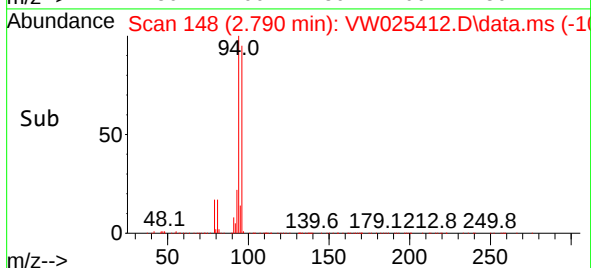
Reviewed By :Semsettin Yesilyurt 03/20/2023
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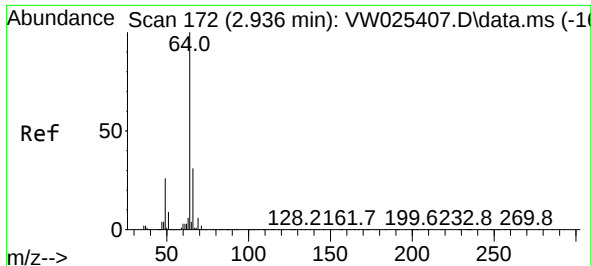


#6
 Bromomethane
 Concen: 20.779 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW025412.D
 Acq: 17 Mar 2023 12:04



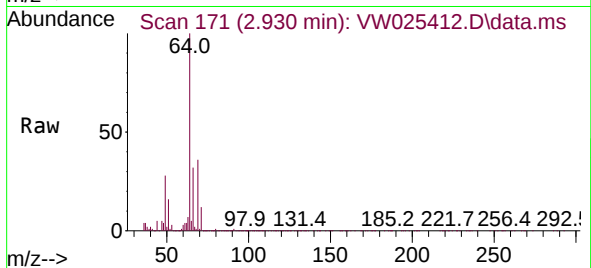
Tgt Ion: 94 Resp: 129217
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.5 119.9





#8
Chloroethane
Concen: 24.440 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

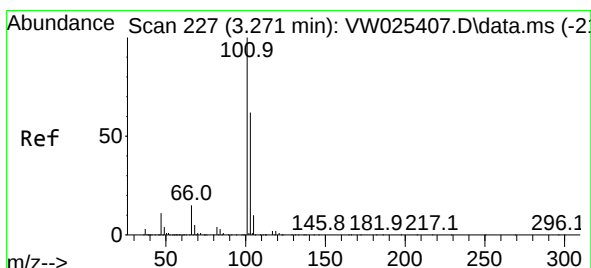
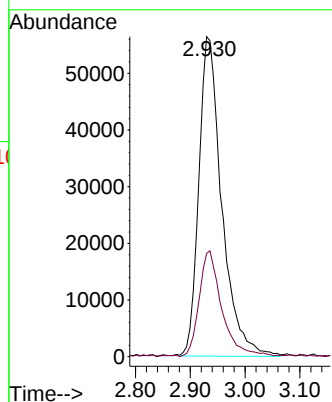
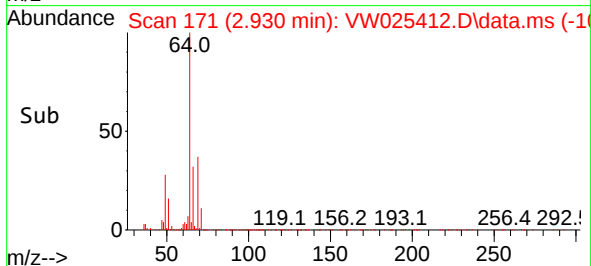
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



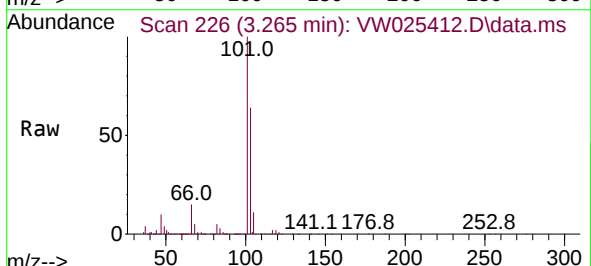
Tgt Ion: 64 Resp: 16384
Ion Ratio Lower Upper
64 100
66 32.2 23.3 43.3

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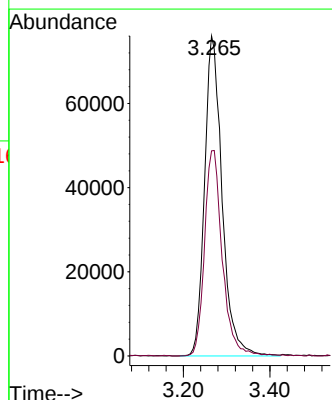
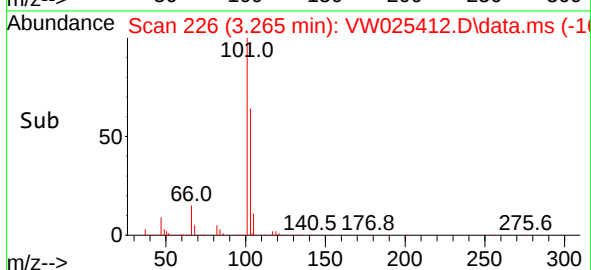
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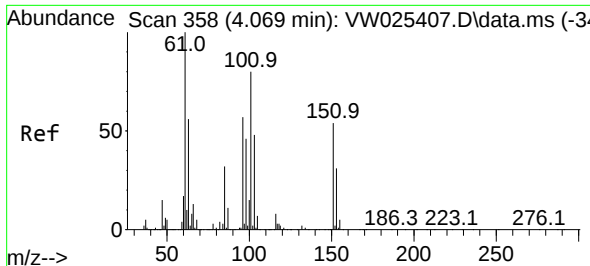


#9
Trichlorofluoromethane
Concen: 21.144 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04



Tgt Ion:101 Resp: 213471
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3





#10

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

Concen: 22.338 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

Tgt Ion:101 Resp: 21870

Ion Ratio Lower Upper

101 100

85 45.2 35.8 53.8

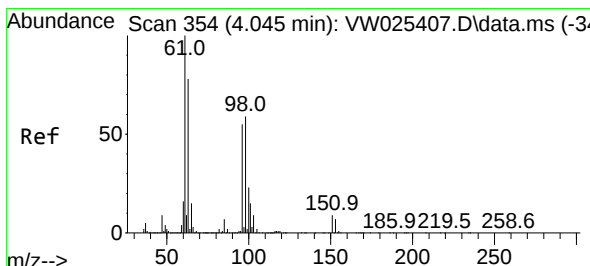
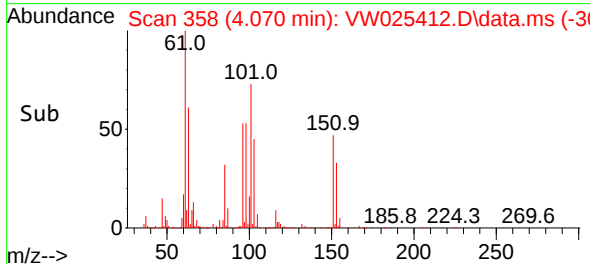
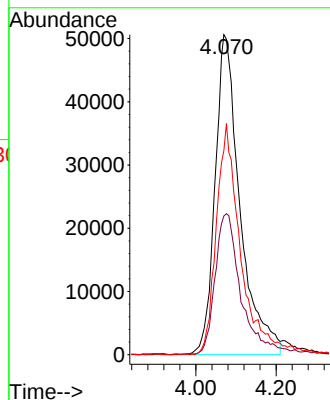
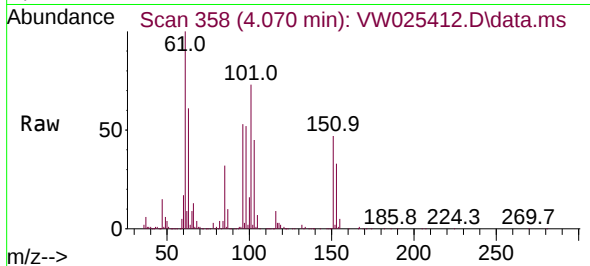
151 62.7 54.2 81.2

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#12

1,1-Dichloroethene

Concen: 23.522 ug/L m

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

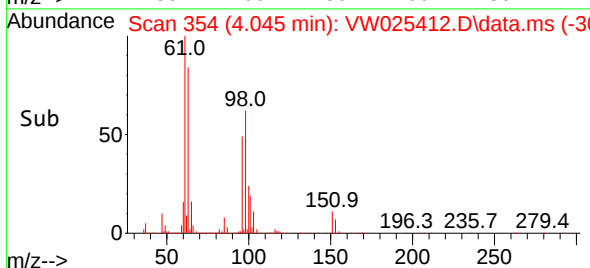
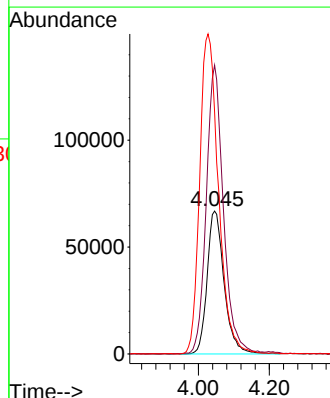
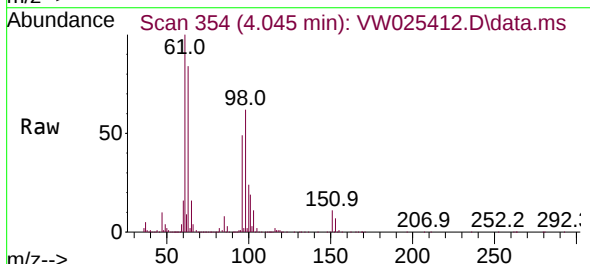
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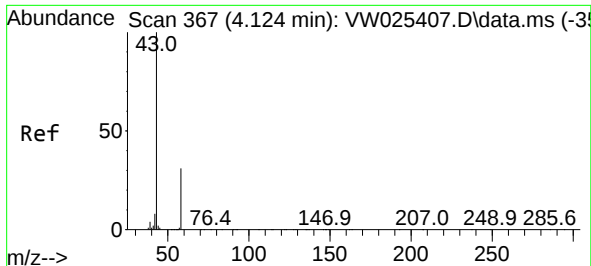
Ion Ratio Lower Upper

96 100

61 202.0 130.7 242.7

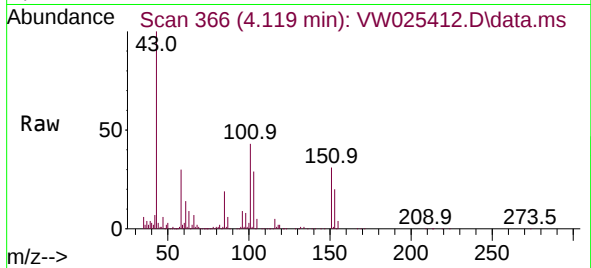
63 169.2 88.3 164.1#





#13
Acetone
Concen: 35.458 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

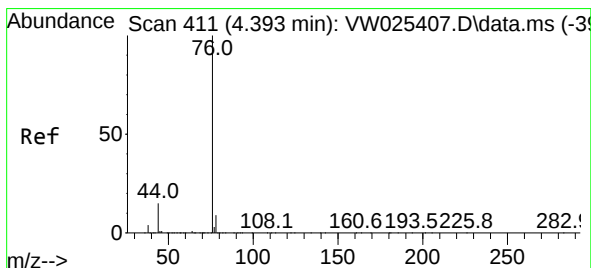
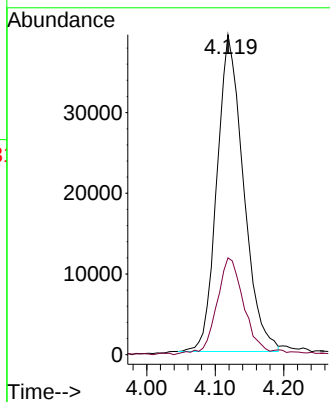
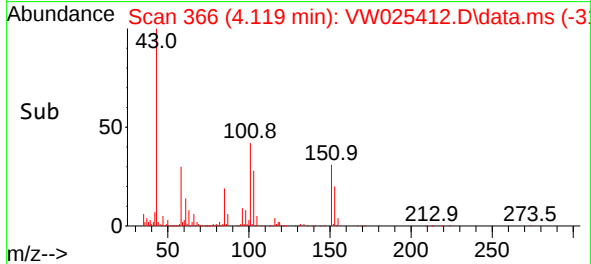
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Tgt Ion: 43 Resp: 105670
Ion Ratio Lower Upper
43 100
58 30.3 0.0 60.0

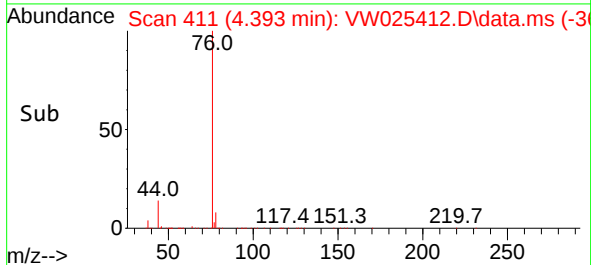
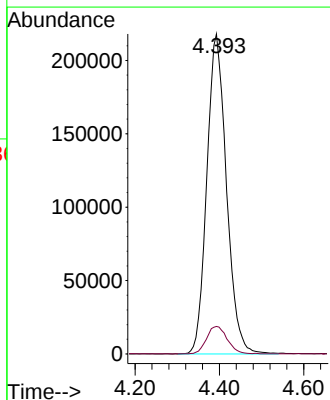
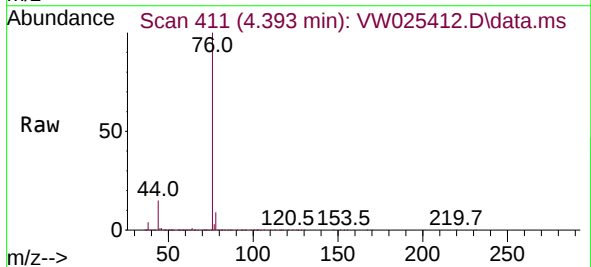
Manual Integrations
APPROVED

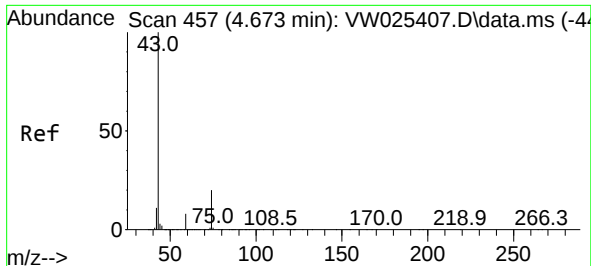
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Carbon disulfide
Concen: 23.973 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 76 Resp: 706045
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4





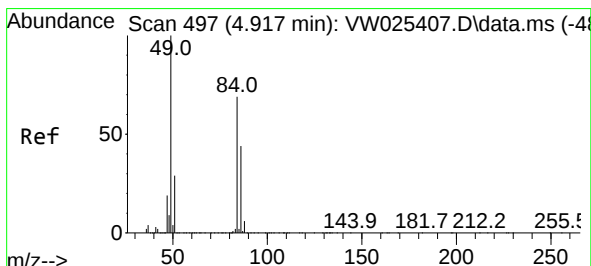
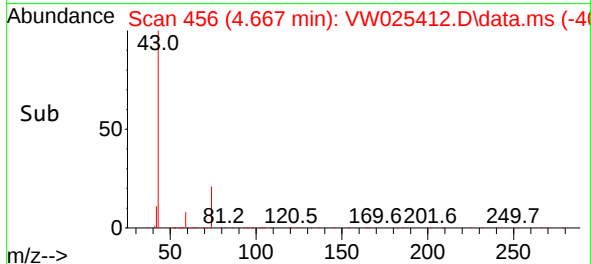
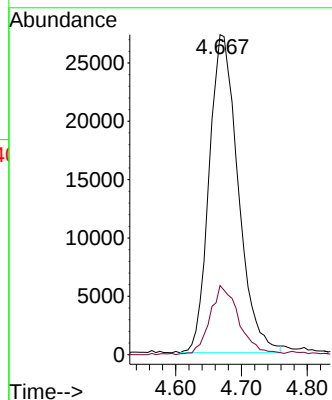
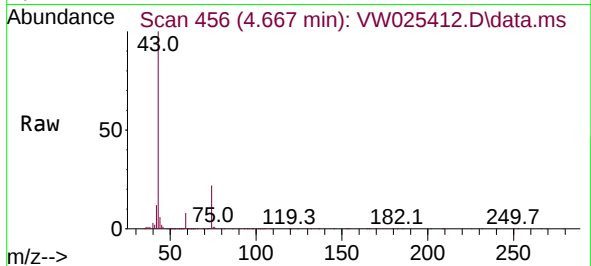
#15
Methyl Acetate
Concen: 14.981 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

Tgt Ion: 43 Resp: 8375
Ion Ratio Lower Upper
43 100
74 21.3 17.0 25.4

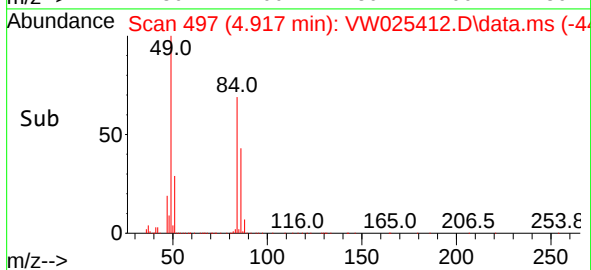
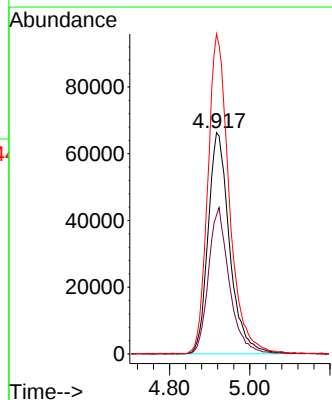
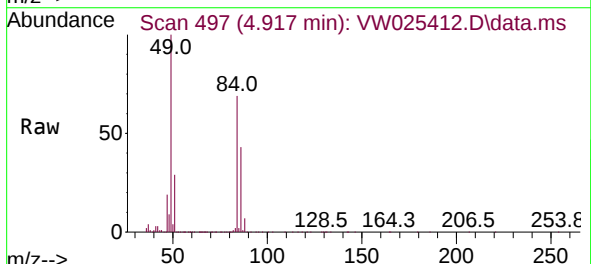
Manual Integrations
APPROVED

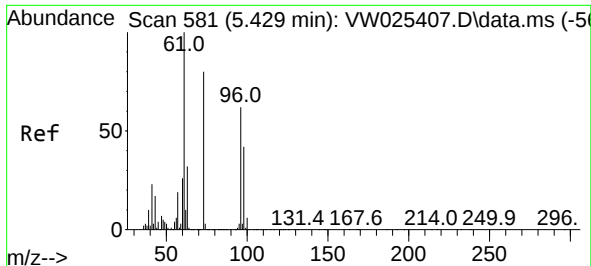
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#16
Methylene chloride
Concen: 23.260 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

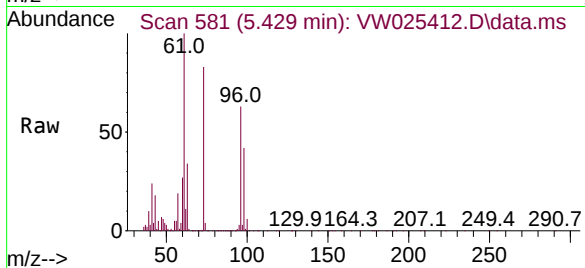
Tgt Ion: 84 Resp: 246021
Ion Ratio Lower Upper
84 100
86 62.7 45.1 83.7
49 144.6 94.7 175.9





#17
trans-1,2-Dichloroethene
Concen: 23.930 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

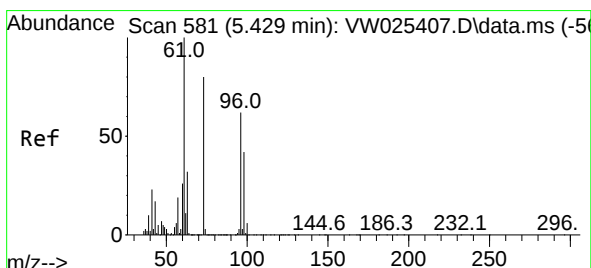
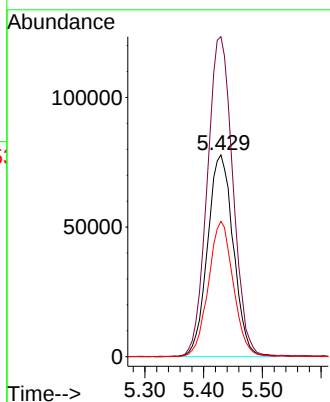
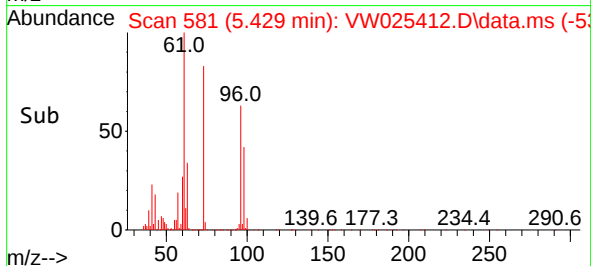
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



Tgt Ion: 96 Resp: 237620
Ion Ratio Lower Upper
96 100
61 158.6 103.0 191.4
98 67.1 43.4 80.6

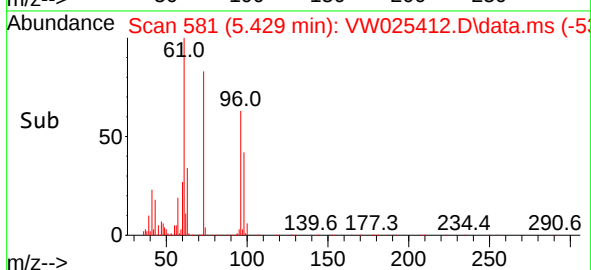
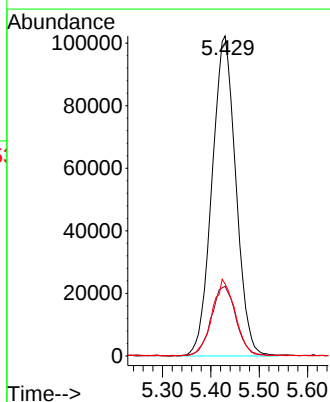
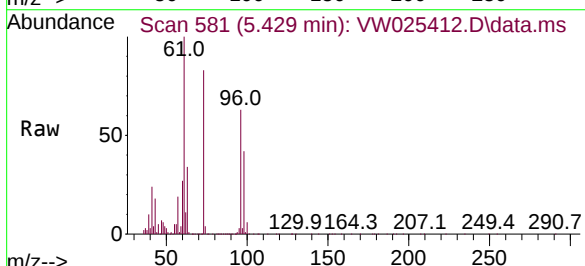
Manual Integrations
APPROVED

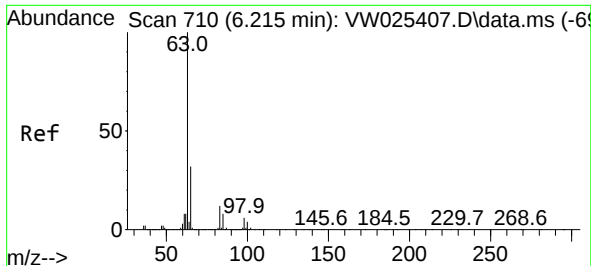
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#18
Methyl tert-butyl Ether
Concen: 23.460 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 73 Resp: 350707
Ion Ratio Lower Upper
73 100
43 22.1 17.6 26.4
57 23.2 18.6 28.0





#19

1,1-Dichloroethane

Concen: 24.401 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

Tgt Ion: 63 Resp: 501750

Ion Ratio Lower Upper

63 100

65 32.1 21.7 40.3

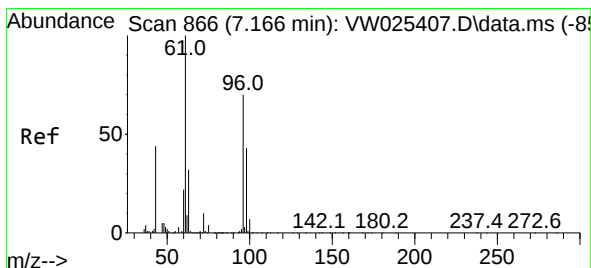
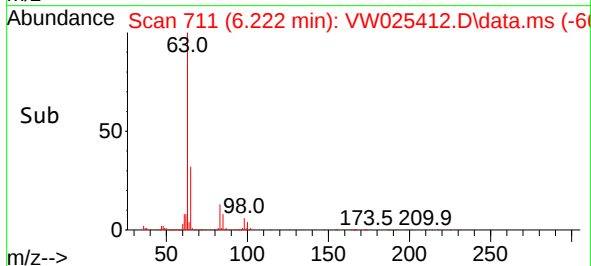
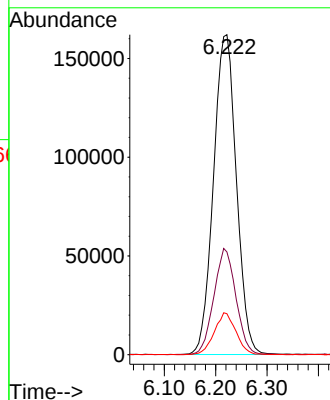
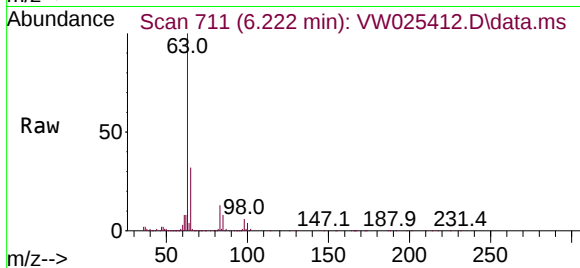
83 12.8 8.4 15.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#20

cis-1,2-Dichloroethene

Concen: 24.145 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

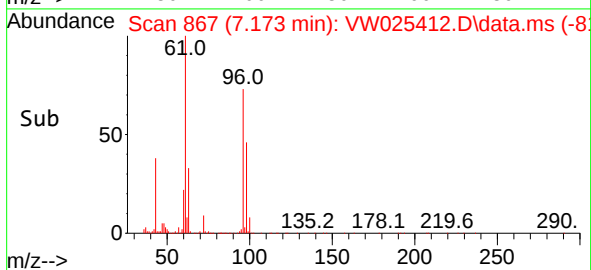
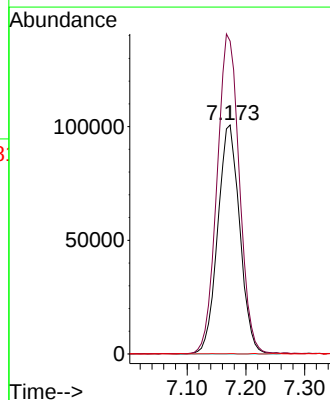
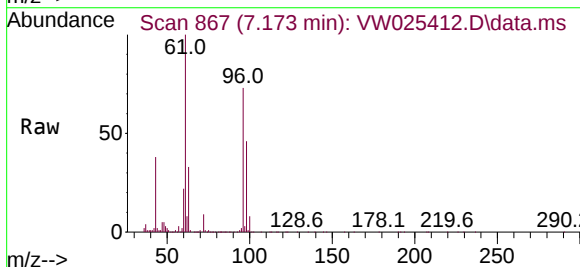
Tgt Ion: 96 Resp: 262504

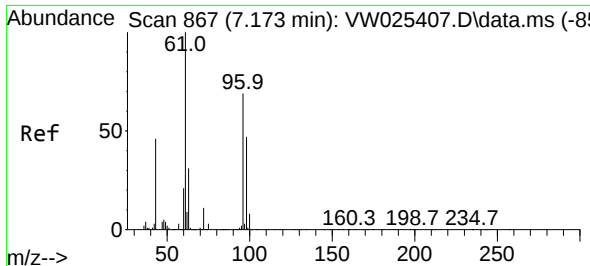
Ion Ratio Lower Upper

96 100

61 136.7 95.5 177.4

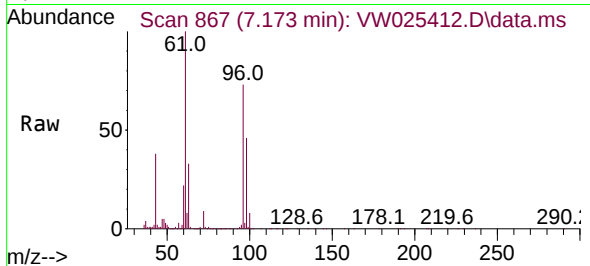
68 0.2 0.1 0.1#





#22
2-Butanone
Concen: 37.360 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

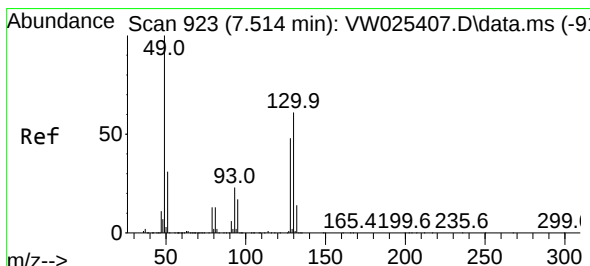
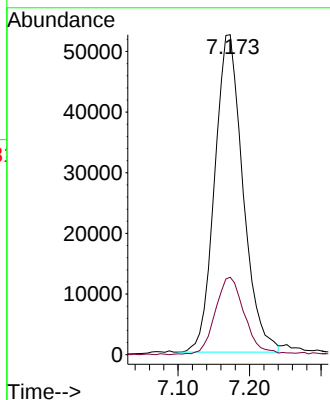
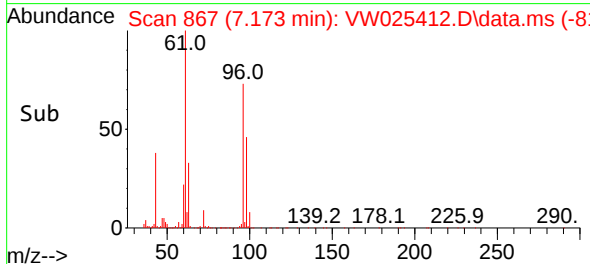
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



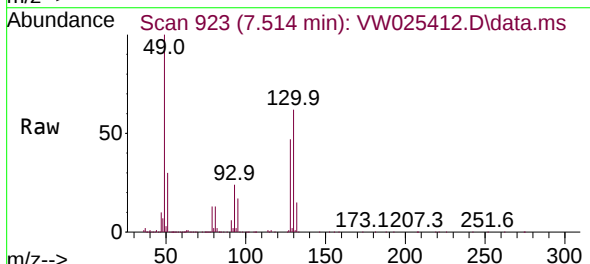
Tgt Ion: 43 Resp: 144028
Ion Ratio Lower Upper
43 100
72 24.9 12.0 36.1

Manual Integrations
APPROVED

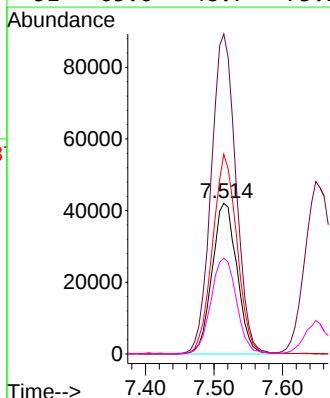
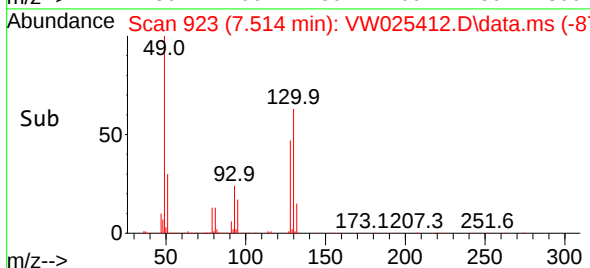
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

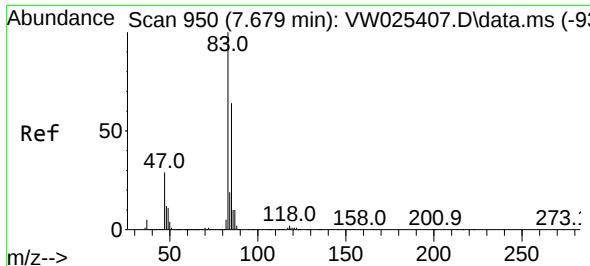


#23
Bromochloromethane
Concen: 22.654 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04



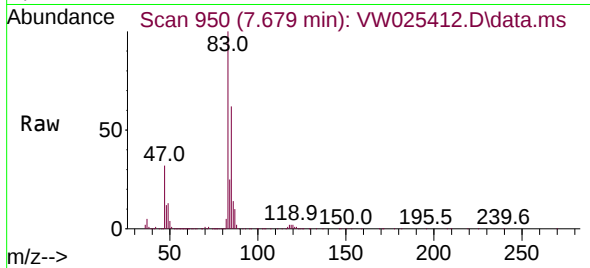
Tgt Ion:128 Resp: 105915
Ion Ratio Lower Upper
128 100
49 212.5 140.6 261.0
130 132.6 80.8 150.0
51 63.6 48.7 73.1





#25
Chloroform
Concen: 23.968 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

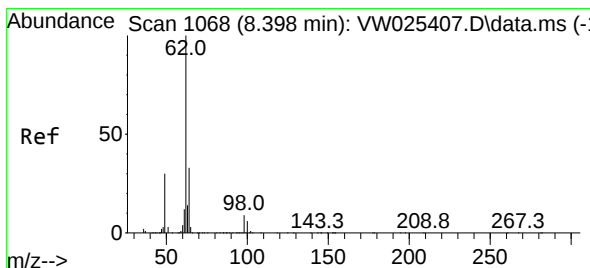
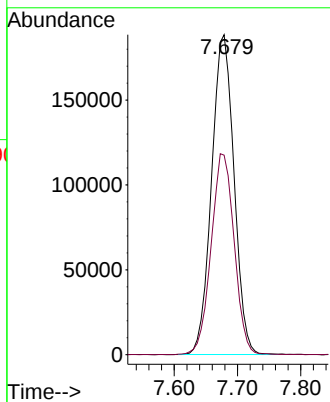
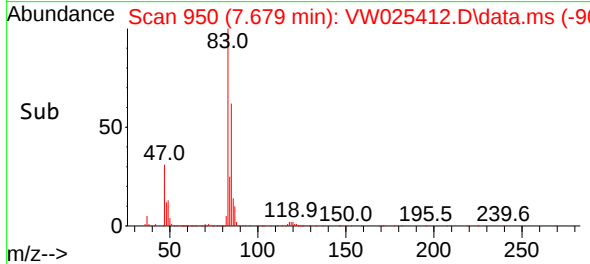
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



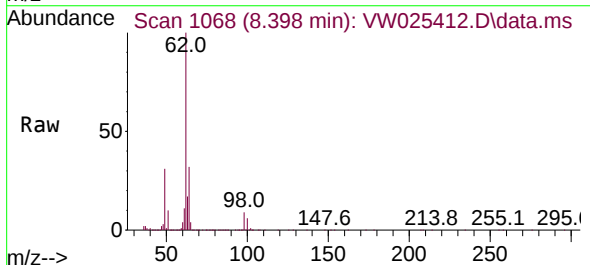
Tgt Ion: 83 Resp: 463309
Ion Ratio Lower Upper
83 100
85 62.4 44.7 82.9

Manual Integrations
APPROVED

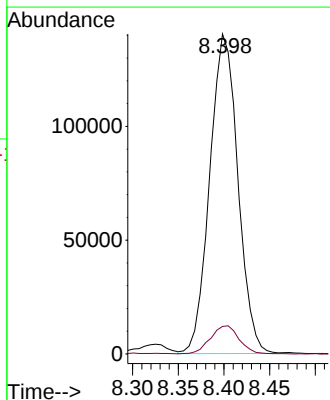
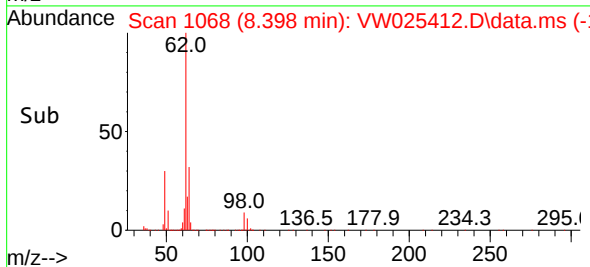
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

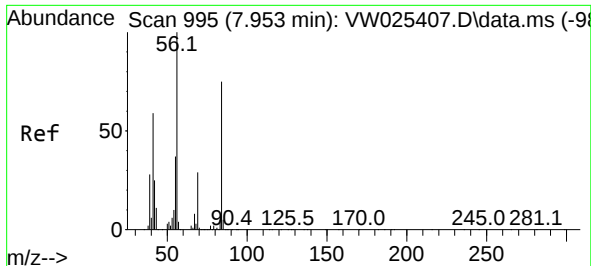


#27
1,2-Dichloroethane
Concen: 23.337 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04



Tgt Ion: 62 Resp: 301054
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8





#29

Cyclohexane

Concen: 24.168 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

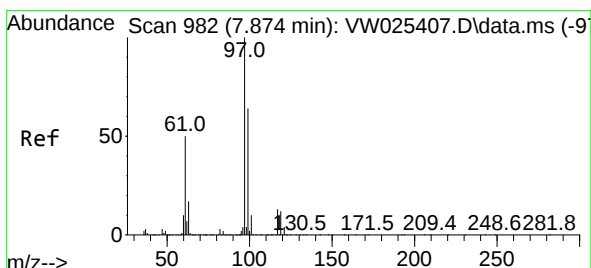
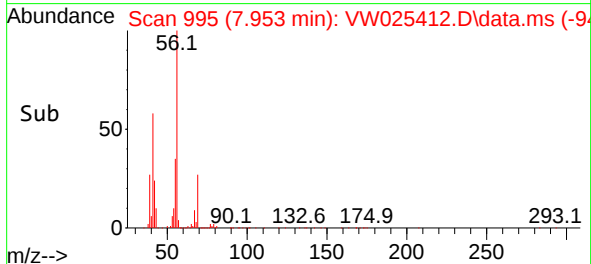
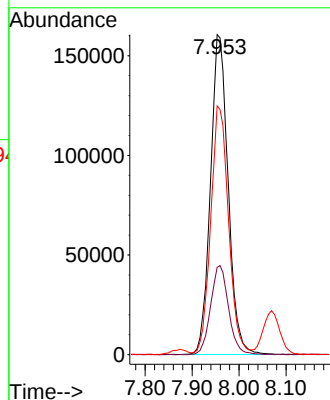
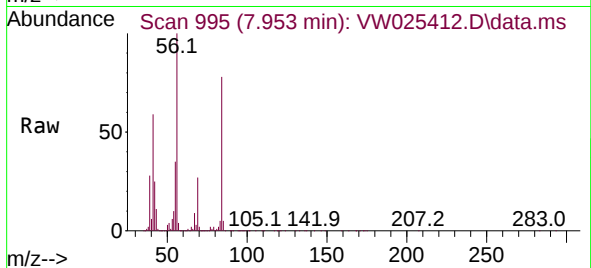
DCAQ8MSD

Tgt Ion: 56	Resp: 41779
Ion Ratio	Lower Upper
56	100
69	28.4 23.1 34.7
84	78.4 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#30

1,1,1-Trichloroethane

Concen: 24.683 ug/L

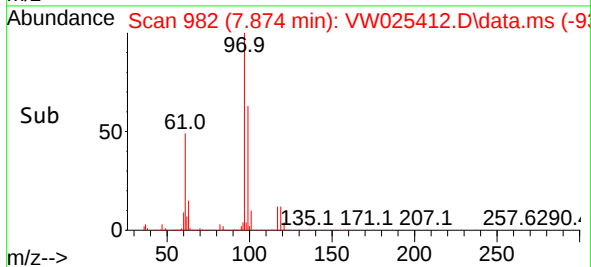
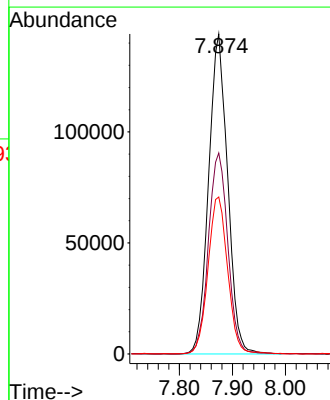
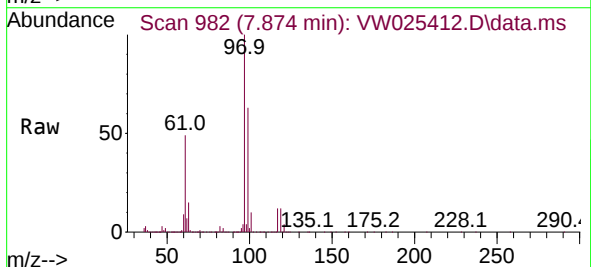
RT: 7.874 min Scan# 982

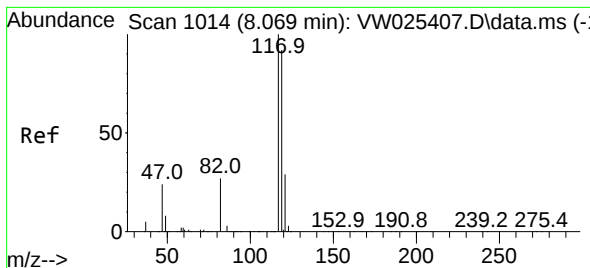
Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

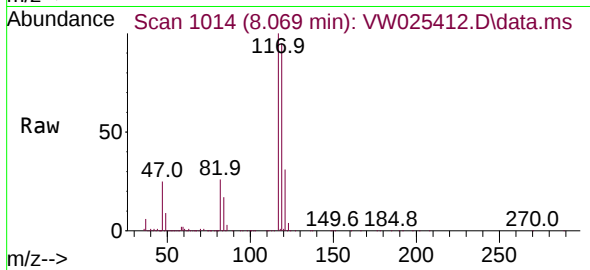
Tgt Ion: 97	Resp: 359350
Ion Ratio	Lower Upper
97	100
99	64.1 50.9 76.3
61	50.3 39.8 59.6





#31
Carbon tetrachloride
Concen: 24.222 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

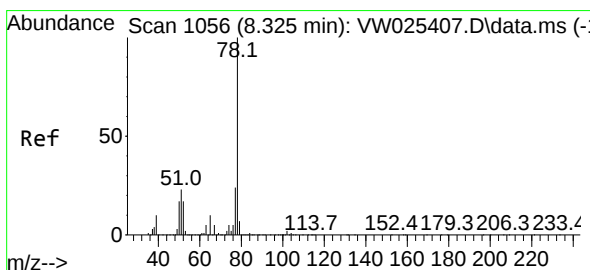
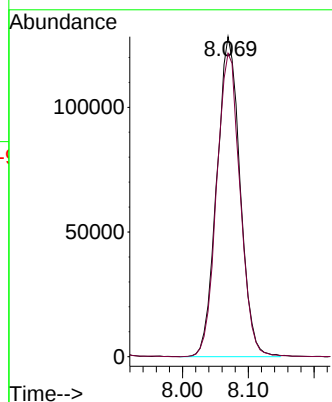
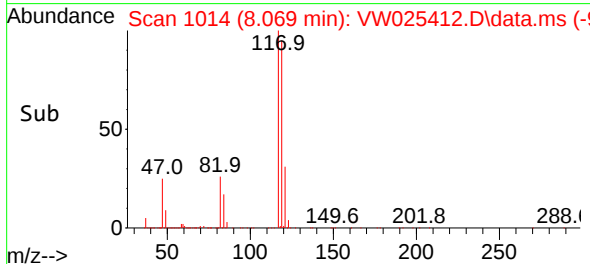
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



Tgt Ion:117 Resp: 316090
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6

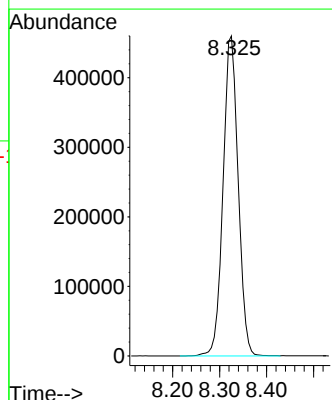
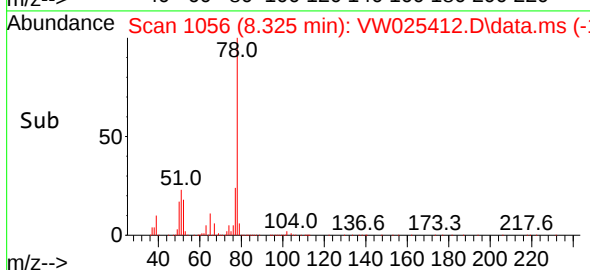
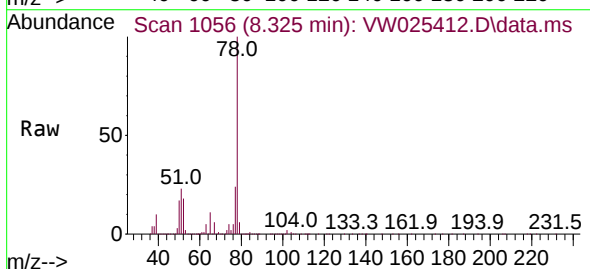
Manual Integrations
APPROVED

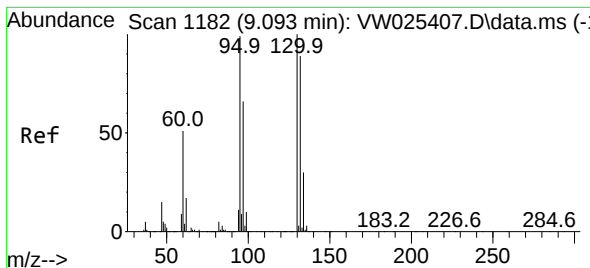
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#33
Benzene
Concen: 26.303 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 78 Resp: 1029895





#34

Trichloroethene

Concen: 24.667 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025412.D

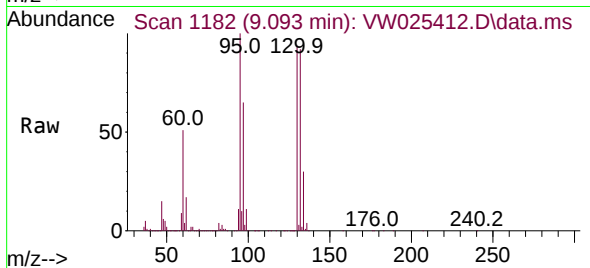
Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD



Tgt Ion: 95 Resp: 253490

Ion Ratio Lower Upper

95 100

97 65.1 43.8 81.4

132 92.0 65.9 122.3

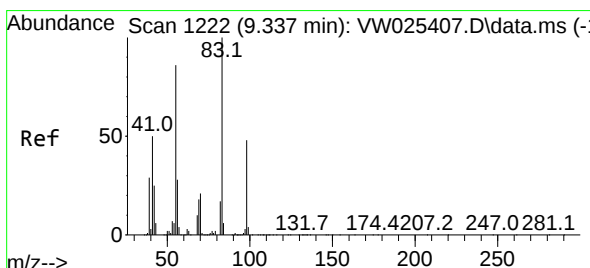
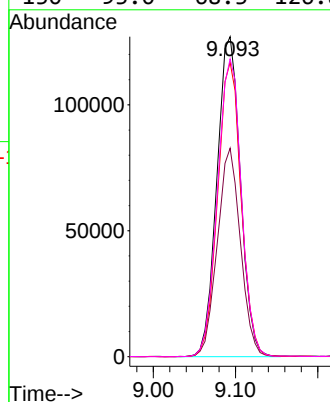
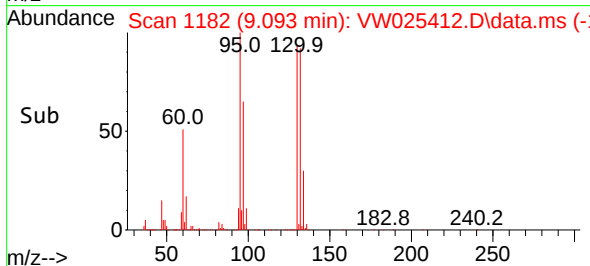
130 93.0 68.3 126.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#35

Methylcyclohexane

Concen: 19.587 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

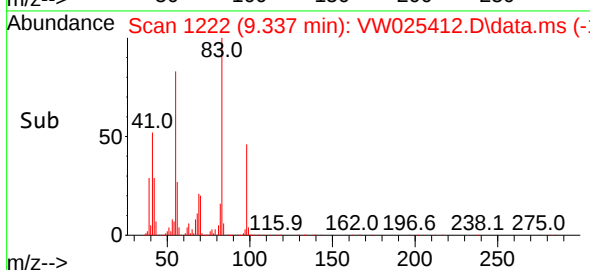
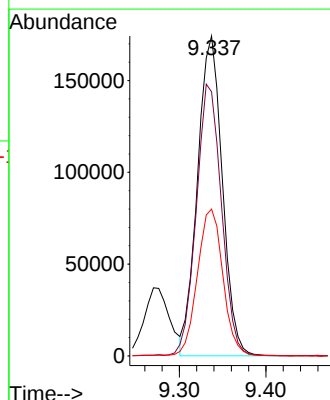
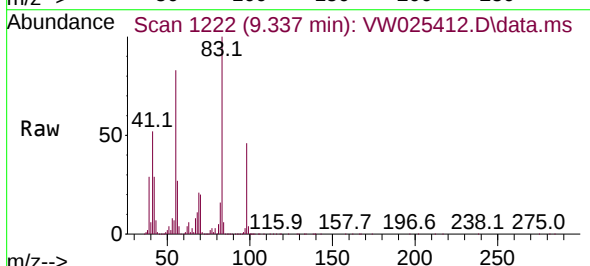
Tgt Ion: 83 Resp: 346755

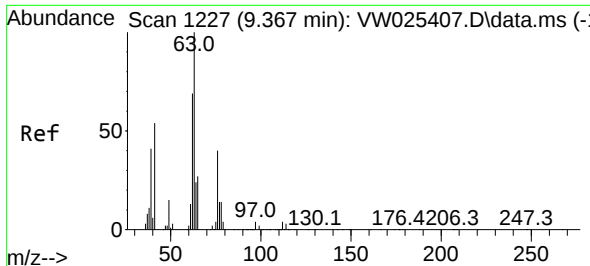
Ion Ratio Lower Upper

83 100

55 86.4 68.2 102.4

98 47.2 39.0 58.4





#37

1,2-Dichloropropane

Concen: 25.598 ug/L

RT: 9.368 min Scan# 112

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

Tgt Ion: 63 Resp: 27589

Ion Ratio Lower Upper

63 100

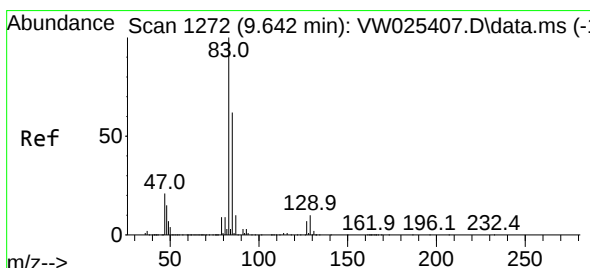
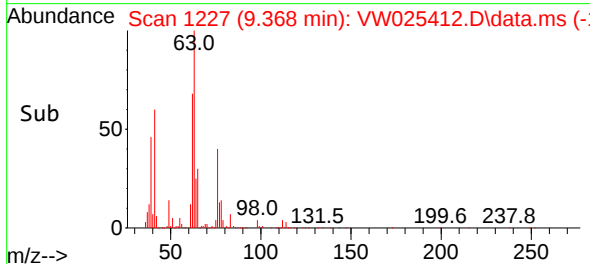
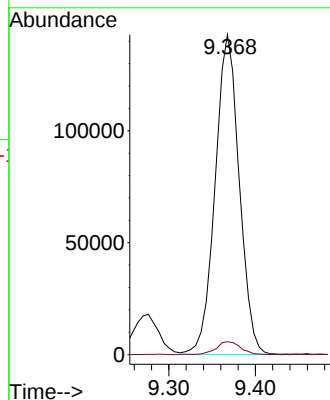
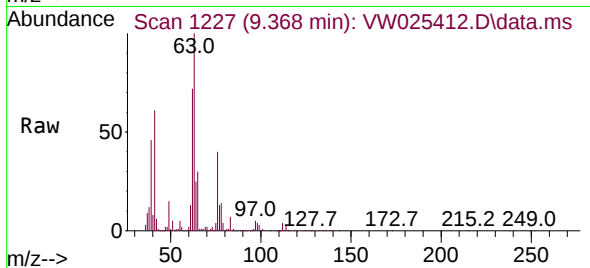
112 4.2 3.2 4.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#38

Bromodichloromethane

Concen: 24.858 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

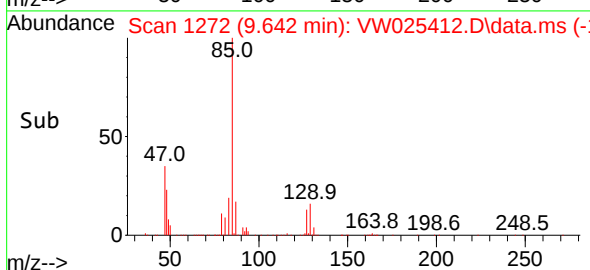
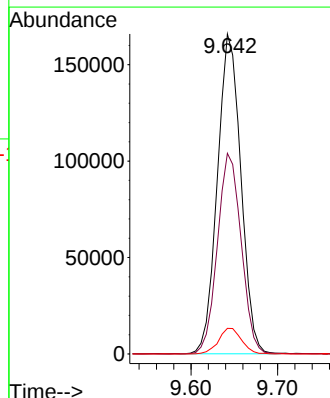
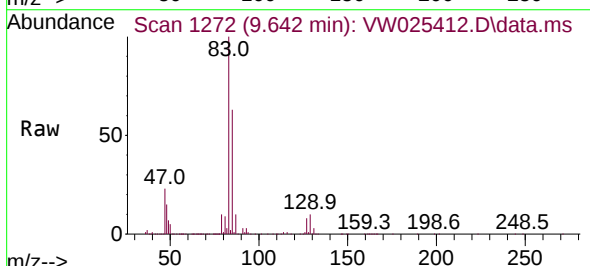
Tgt Ion: 83 Resp: 312464

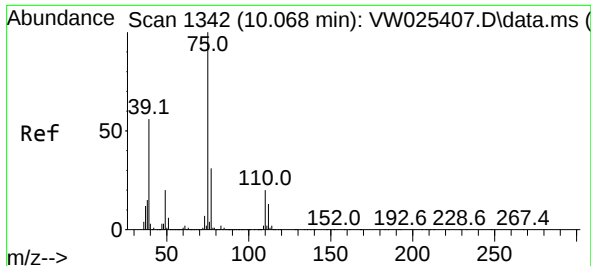
Ion Ratio Lower Upper

83 100

85 62.7 44.7 83.1

127 8.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 21.743 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

Tgt Ion: 75 Resp: 337610

Ion Ratio Lower Upper

75 100

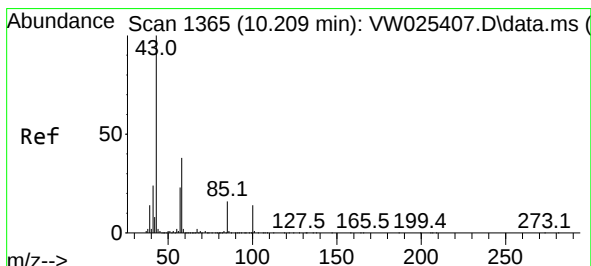
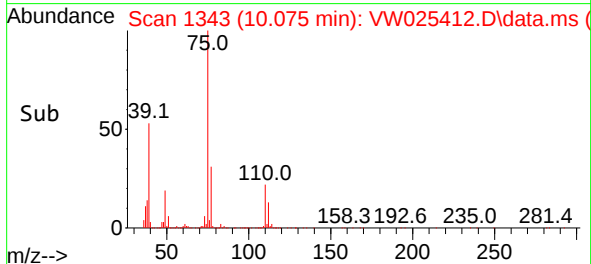
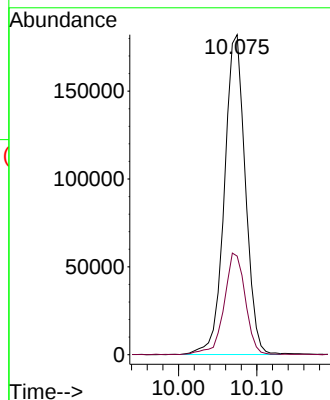
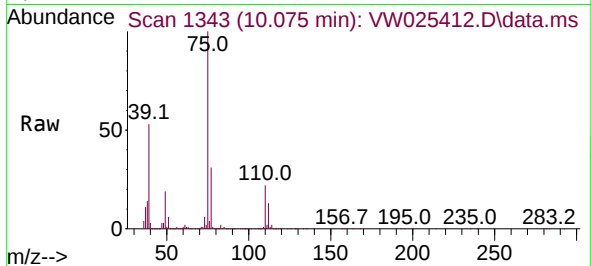
77 30.8 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

4-Methyl-2-pentanone

Concen: 47.000 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

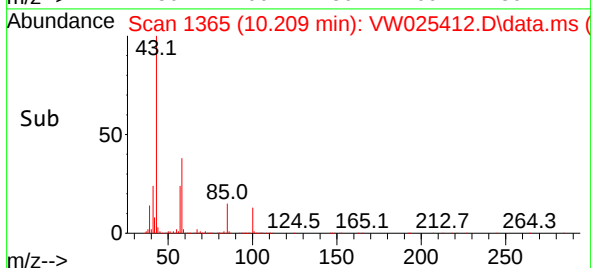
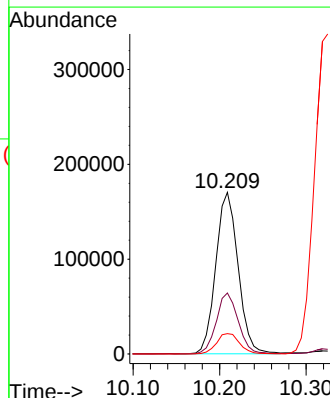
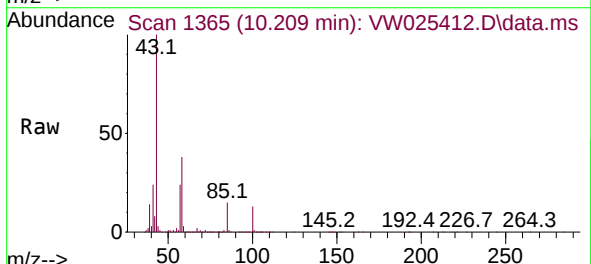
Tgt Ion: 43 Resp: 304463

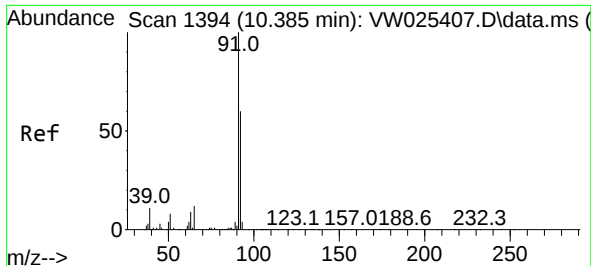
Ion Ratio Lower Upper

43 100

58 37.2 29.6 44.4

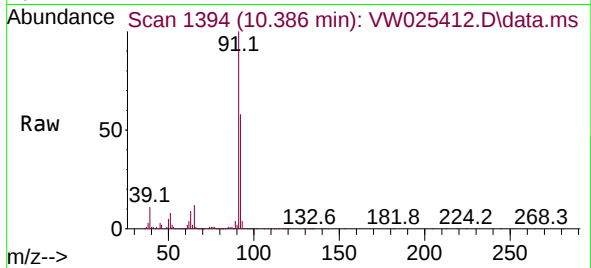
100 13.2 10.6 16.0





#42
Toluene
Concen: 25.414 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

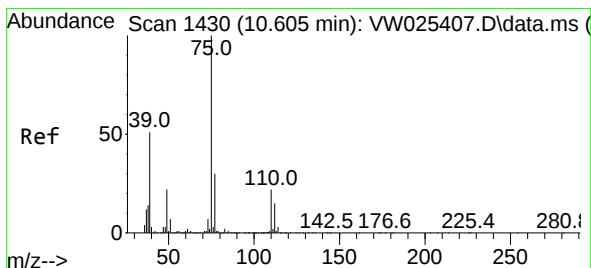
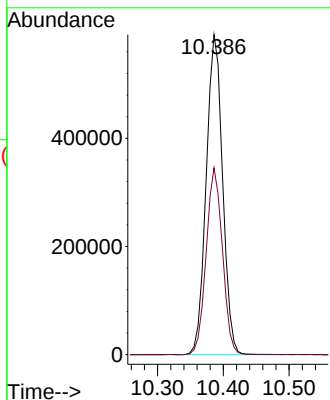
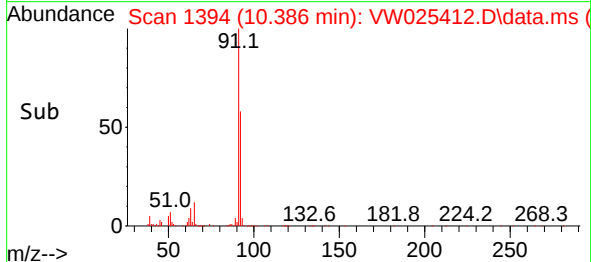
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



Tgt Ion: 91 Resp: 102744
Ion Ratio Lower Upper
91 100
92 58.4 41.6 77.3

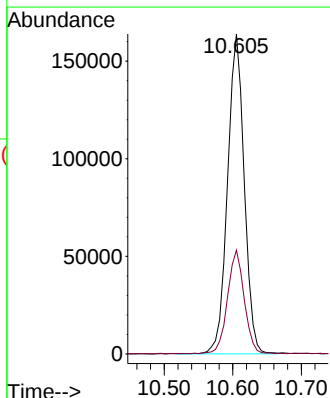
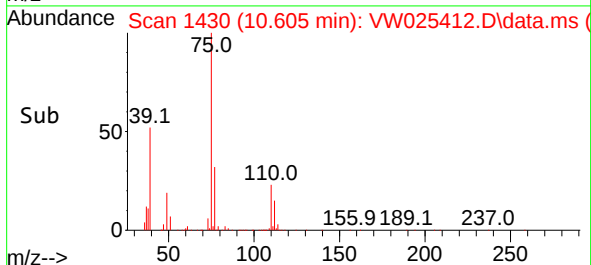
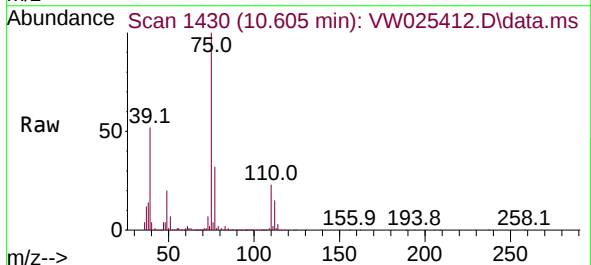
Manual Integrations
APPROVED

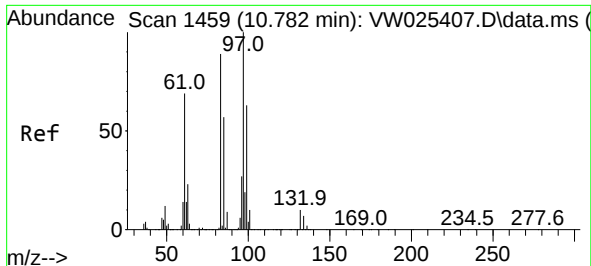
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#44
trans-1,3-Dichloropropene
Concen: 21.336 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 75 Resp: 277429
Ion Ratio Lower Upper
75 100
77 32.5 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 23.868 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW025412.D

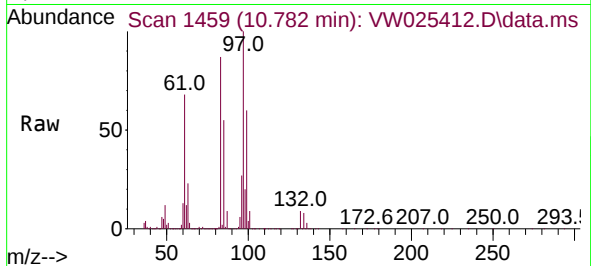
Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD



Tgt Ion: 97 Resp: 172760

Ion Ratio Lower Upper

97 100

99 60.4 42.6 79.0

83 86.9 60.5 112.3

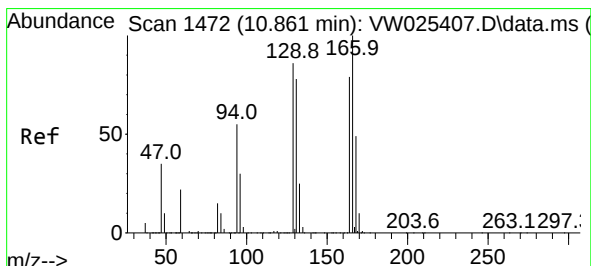
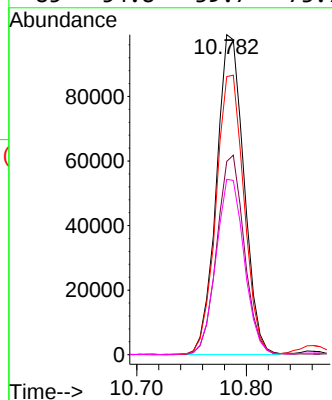
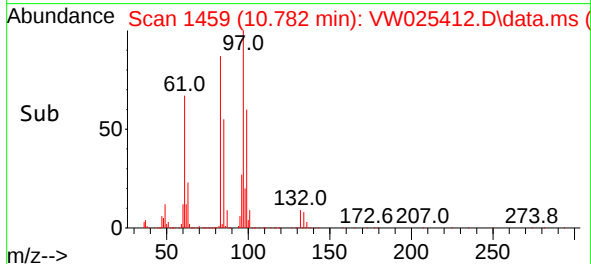
85 54.8 39.7 73.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Tetrachloroethene

Concen: 22.447 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Tgt Ion:164 Resp: 164141

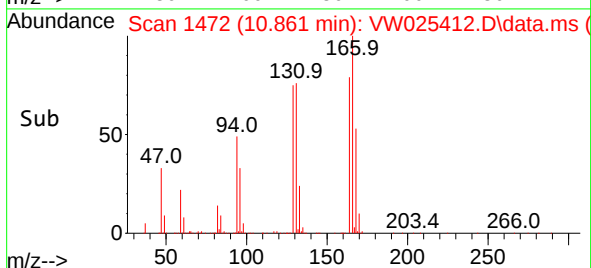
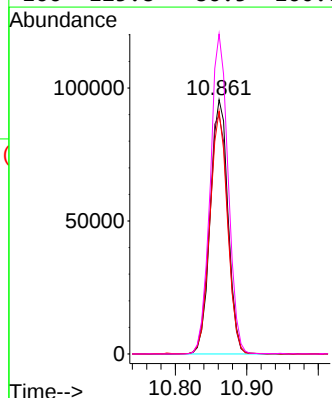
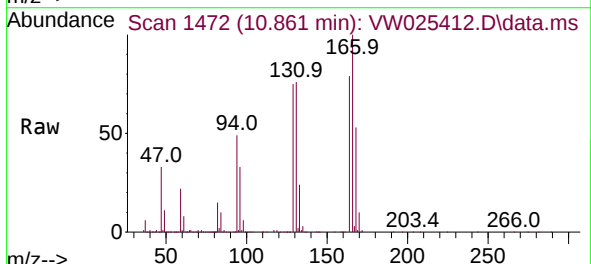
Ion Ratio Lower Upper

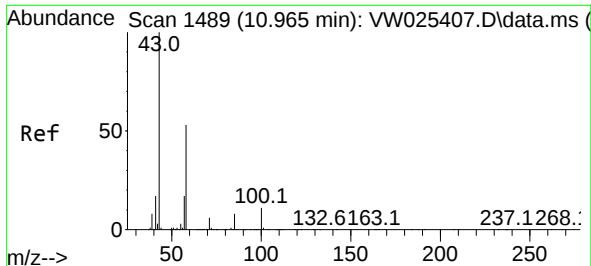
164 100

129 93.9 67.7 125.7

131 95.4 67.0 124.4

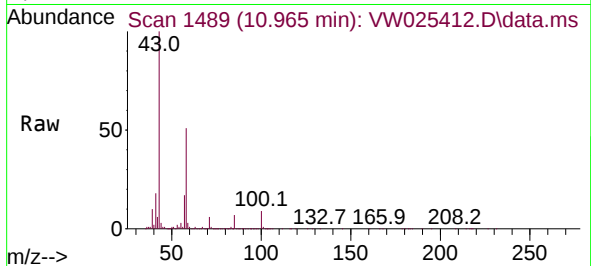
166 125.8 86.5 160.7





#48
2-Hexanone
Concen: 44.652 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

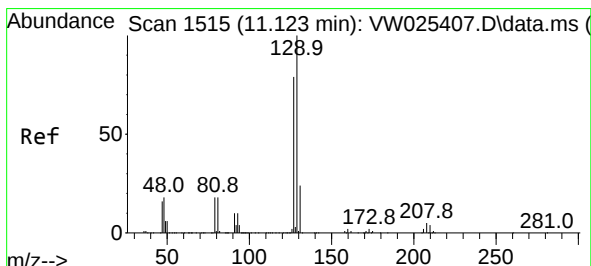
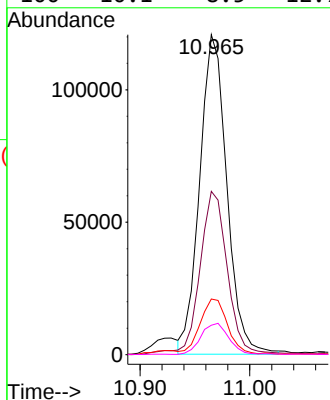
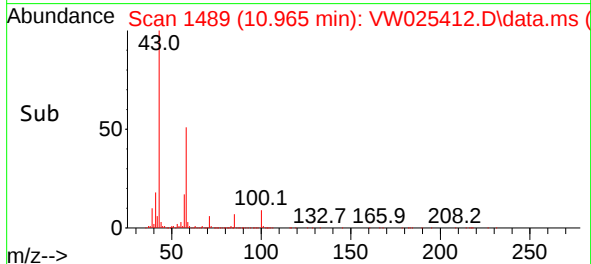
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



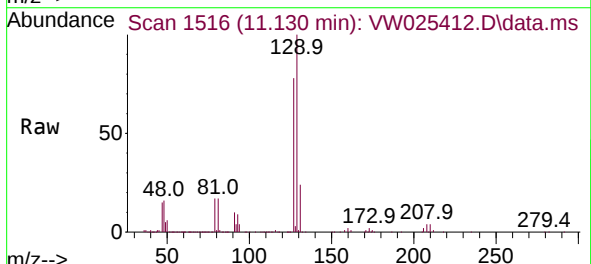
Tgt Ion: 43 Resp: 20810
Ion Ratio Lower Upper
43 100
58 50.9 41.2 61.8
57 17.5 14.2 21.4
100 10.1 8.5 12.7

Manual Integrations
APPROVED

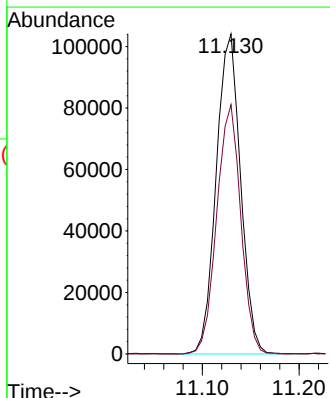
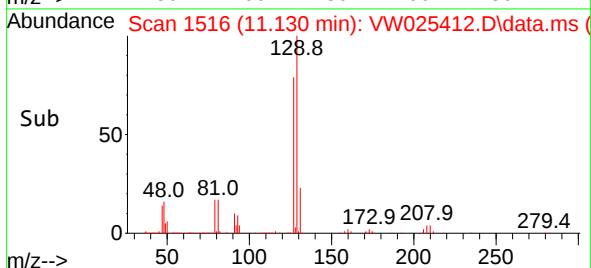
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

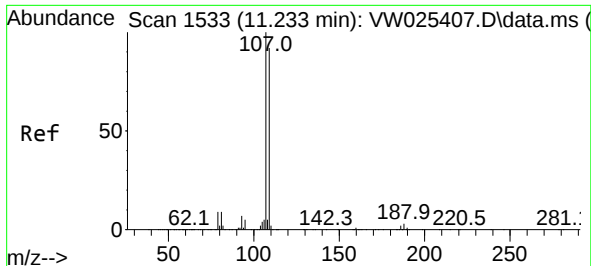


#49
Dibromochloromethane
Concen: 23.530 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04



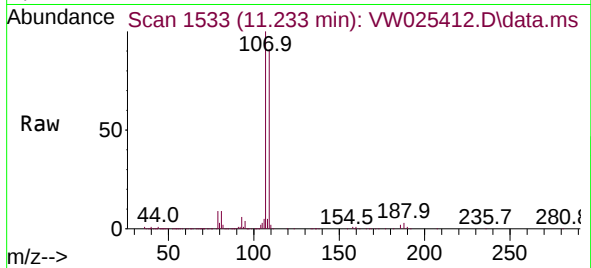
Tgt Ion:129 Resp: 181973
Ion Ratio Lower Upper
129 100
127 77.9 52.8 98.2





#50
1,2-Dibromoethane
Concen: 22.367 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

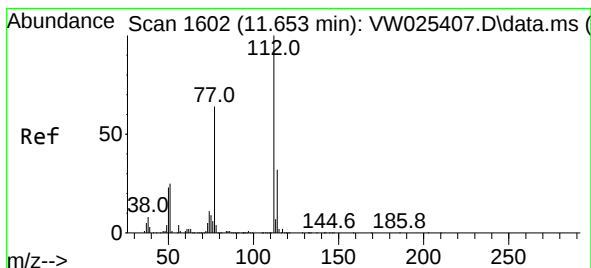
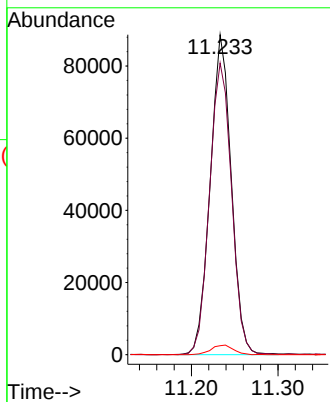
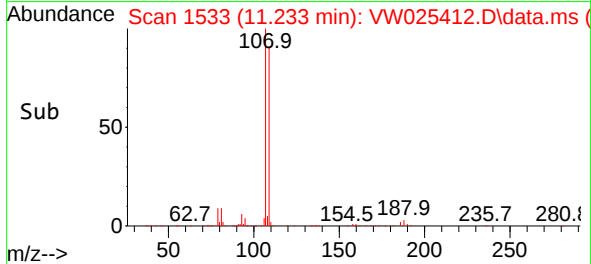
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



Tgt Ion:107 Resp: 149859
Ion Ratio Lower Upper
107 100
109 91.2 62.9 116.9
188 2.8 3.0 4.4

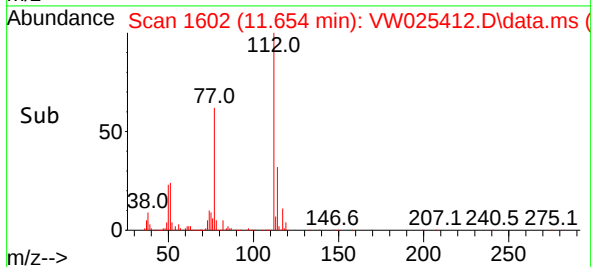
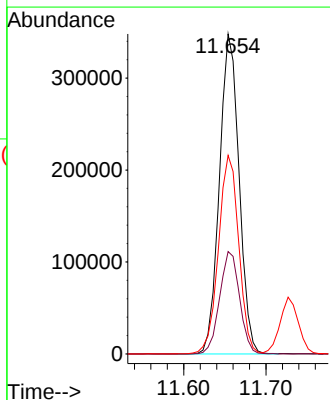
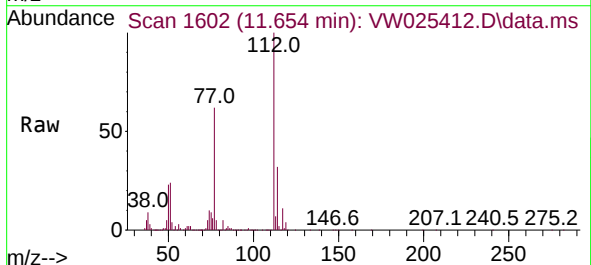
Manual Integrations
APPROVED

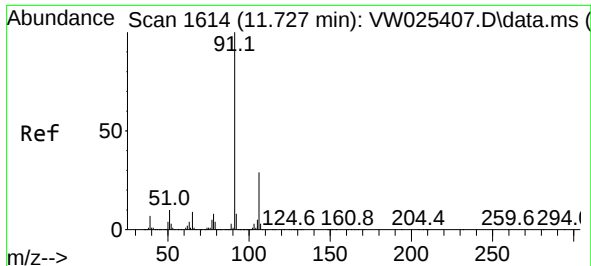
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#51
Chlorobenzene
Concen: 22.537 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

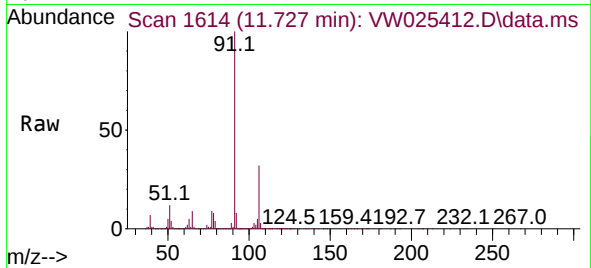
Tgt Ion:112 Resp: 578247
Ion Ratio Lower Upper
112 100
114 32.0 21.9 40.7
77 62.1 51.8 77.8





#52
Ethylbenzene
Concen: 22.805 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

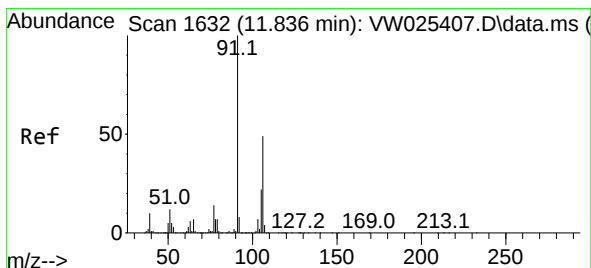
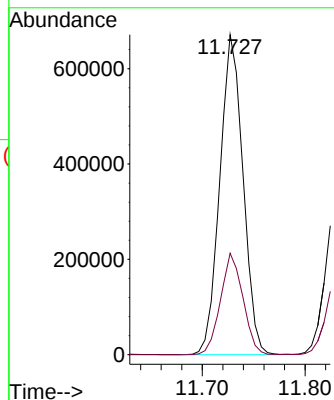
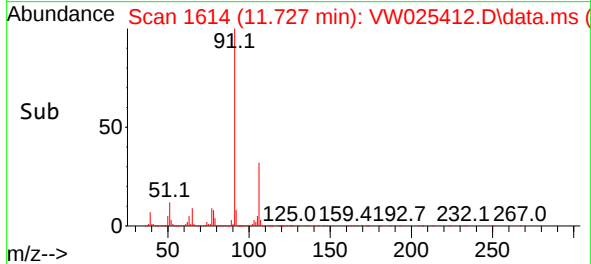
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



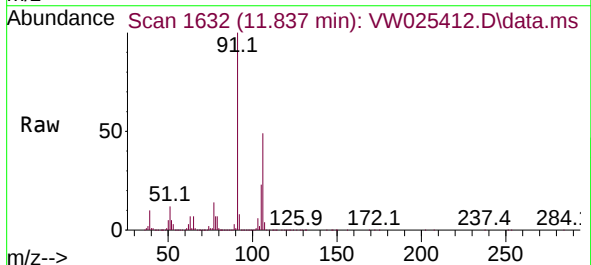
Tgt Ion: 91 Resp: 1051494
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0

Manual Integrations
APPROVED

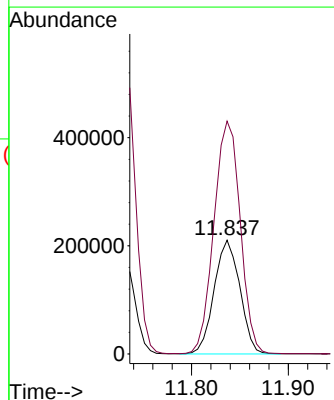
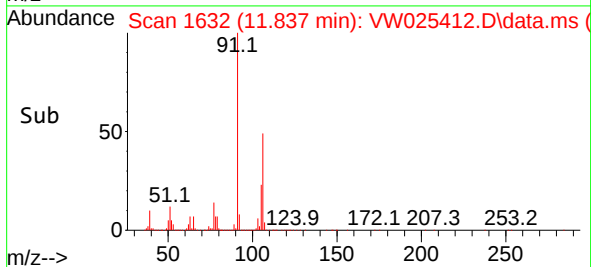
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

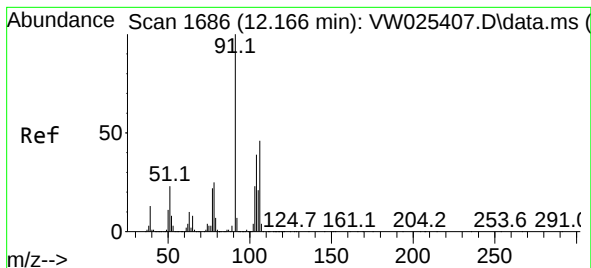


#53
m,p-Xylene
Concen: 22.864 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04



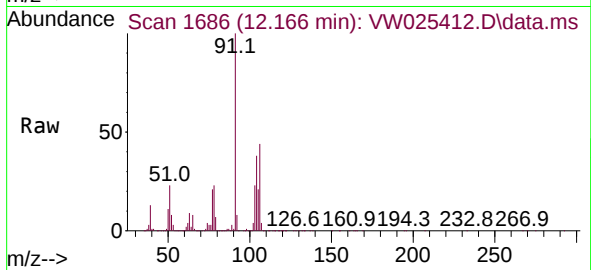
Tgt Ion:106 Resp: 388831
Ion Ratio Lower Upper
106 100
91 204.7 144.2 267.8





#54
o-Xylene
Concen: 22.988 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

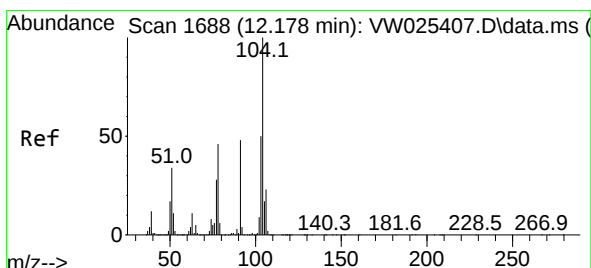
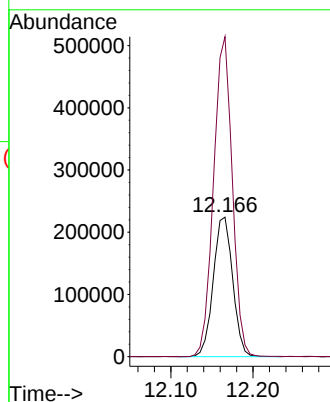
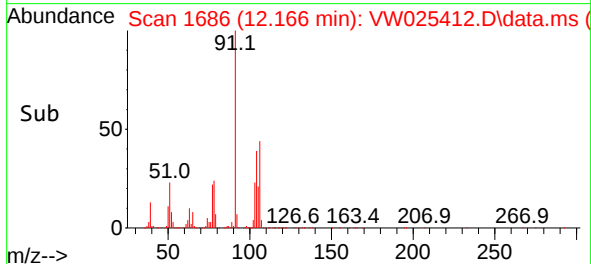
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



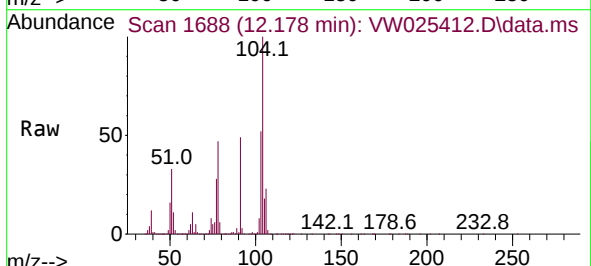
Tgt Ion:106 Resp: 36787
Ion Ratio Lower Upper
106 100
91 229.3 154.6 287.2

Manual Integrations
APPROVED

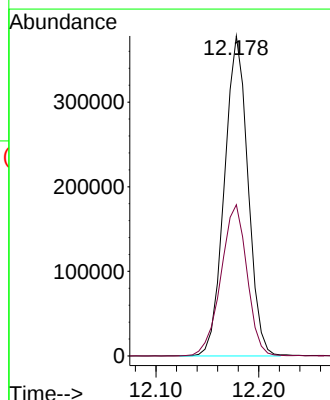
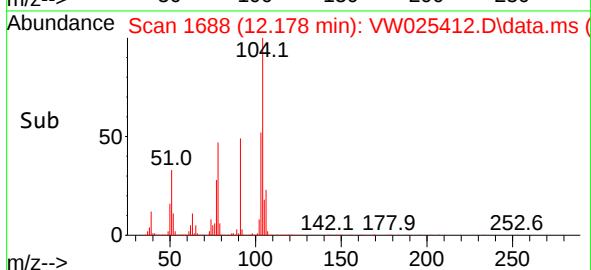
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

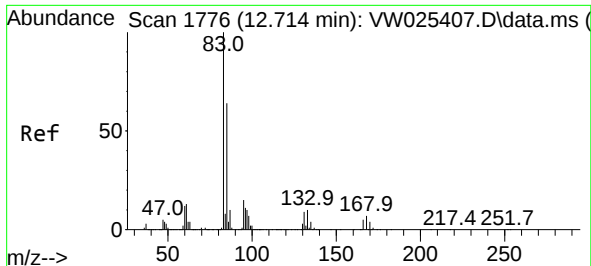


#55
Styrene
Concen: 21.995 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04



Tgt Ion:104 Resp: 601078
Ion Ratio Lower Upper
104 100
78 47.3 31.1 57.9





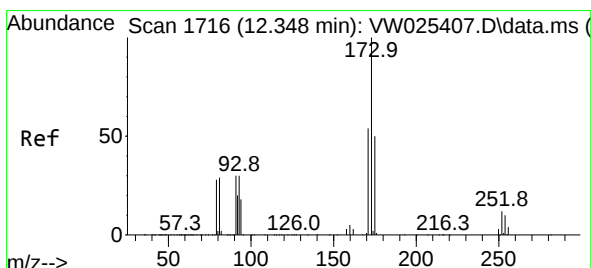
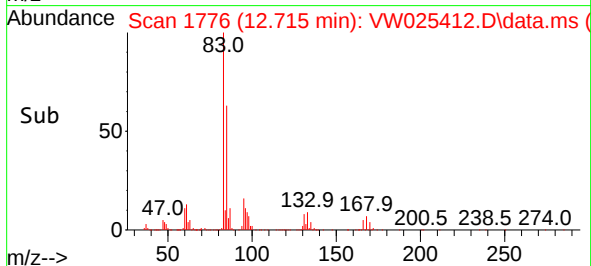
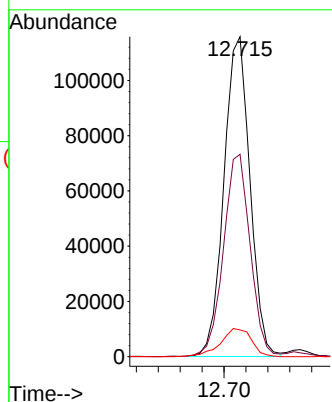
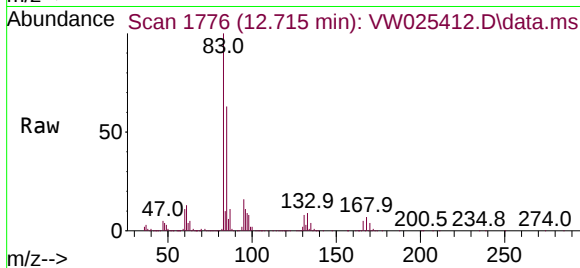
#57
1,1,2,2-Tetrachloroethane
Concen: 21.192 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

Tgt Ion: 83 Resp: 190804
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.2
131 8.4 8.0 12.0

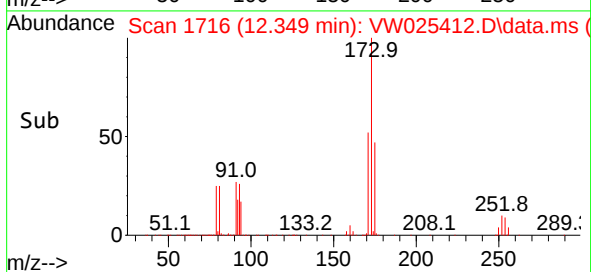
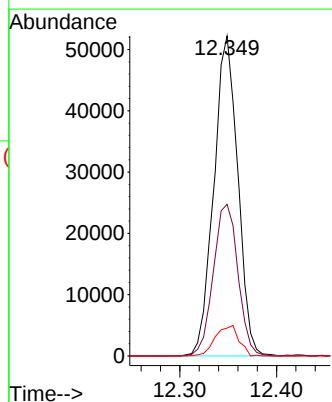
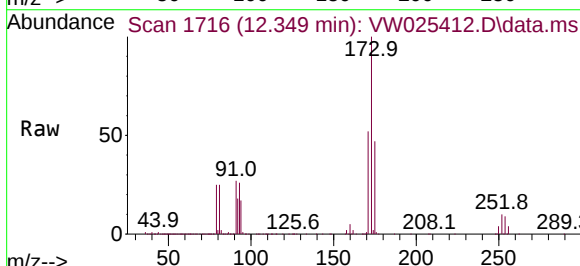
Manual Integrations
APPROVED

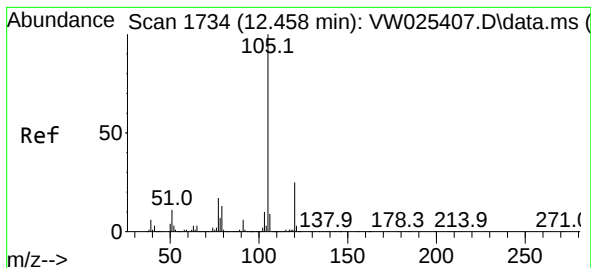
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#59
Bromoform
Concen: 26.797 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

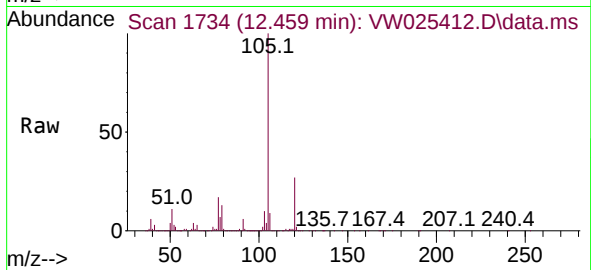
Tgt Ion:173 Resp: 89844
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 9.3 7.9 11.9





#60
Isopropylbenzene
Concen: 27.327 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

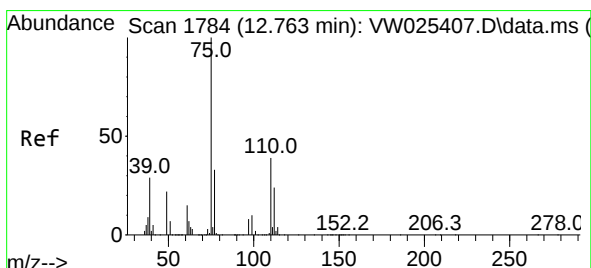
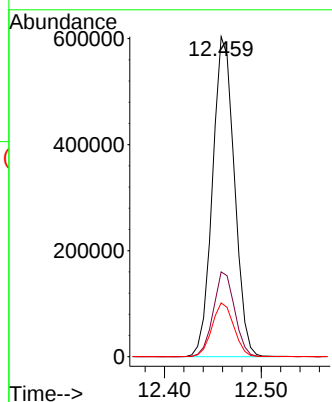
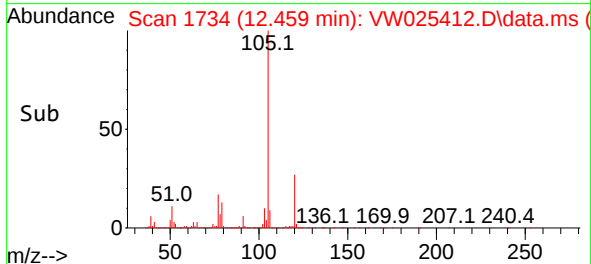
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



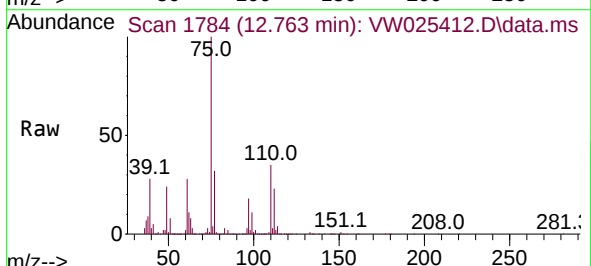
Tgt Ion:105 Resp: 94669
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 16.8 13.1 19.7

Manual Integrations
APPROVED

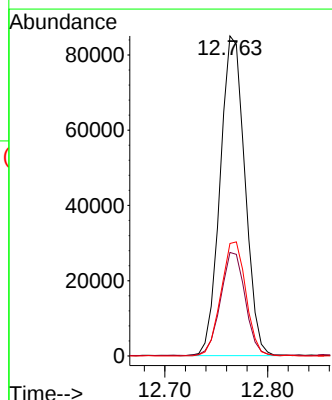
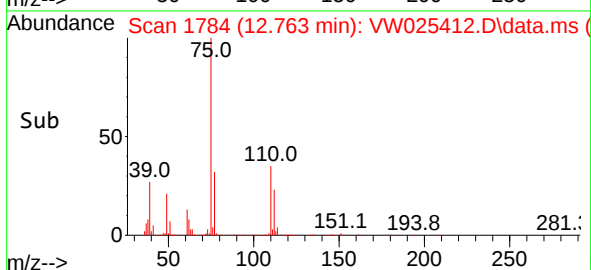
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

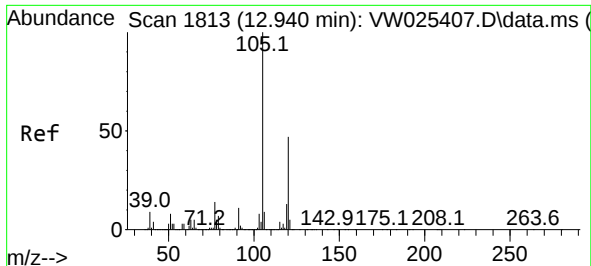


#61
1,2,3-Trichloropropane
Concen: 28.067 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04



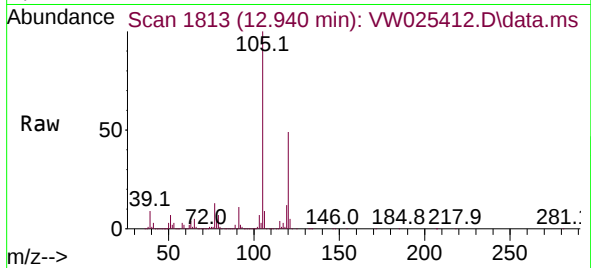
Tgt Ion: 75 Resp: 142107
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
110 36.0 28.9 43.3





#62
1,3,5-Trimethylbenzene
Concen: 26.217 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

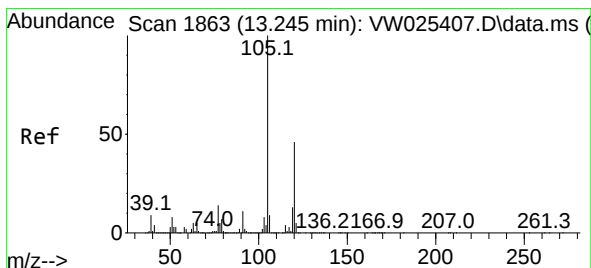
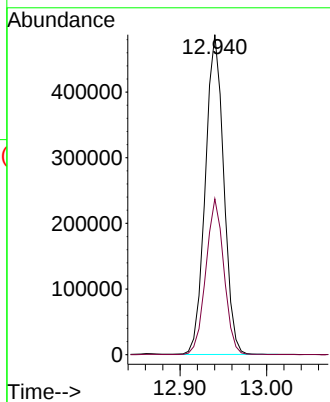
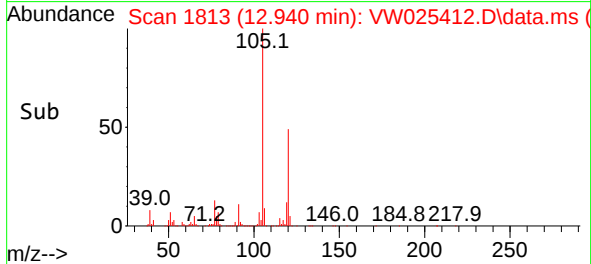
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



Tgt Ion:105 Resp: 719304
Ion Ratio Lower Upper
105 100
120 47.8 39.3 58.9

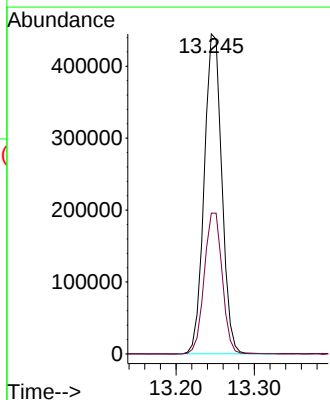
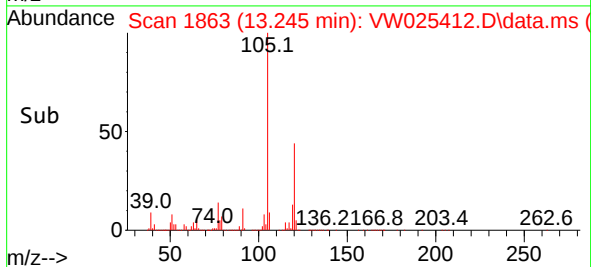
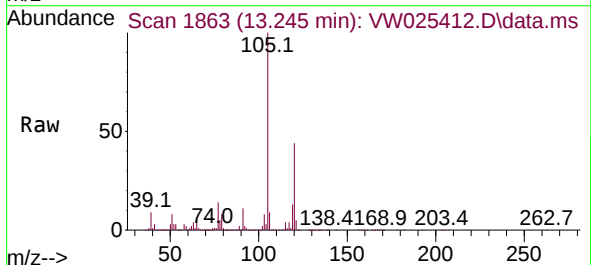
Manual Integrations
APPROVED

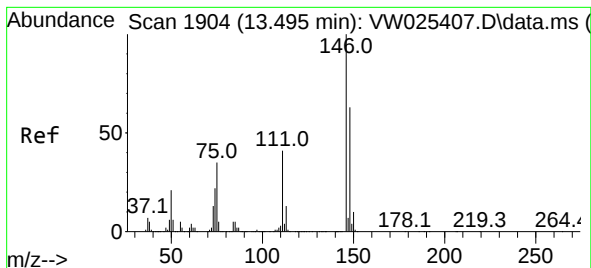
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#63
1,2,4-Trimethylbenzene
Concen: 25.654 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion:105 Resp: 693388
Ion Ratio Lower Upper
105 100
120 45.0 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 22.379 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

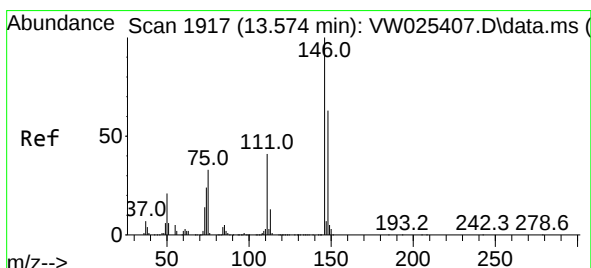
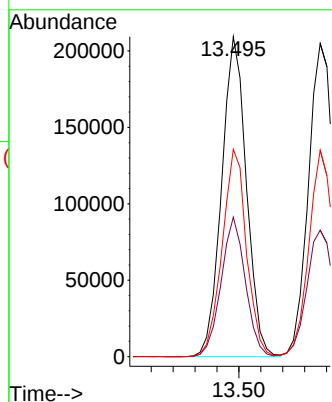
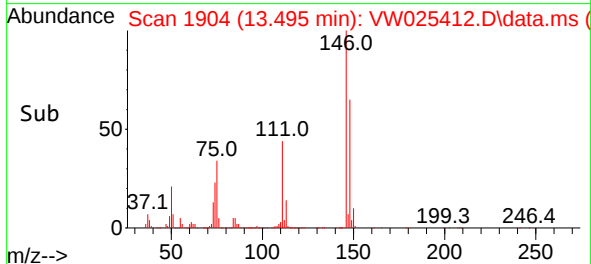
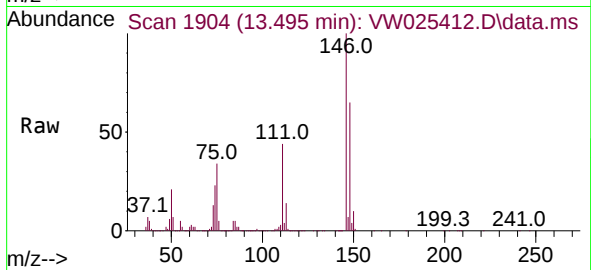
Tgt Ion:146 Resp: 328500

Ion	Ratio	Lower	Upper
146	100		
111	43.6	29.7	55.1
148	64.8	44.2	82.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#65

1,4-Dichlorobenzene

Concen: 22.041 ug/L

RT: 13.574 min Scan# 1917

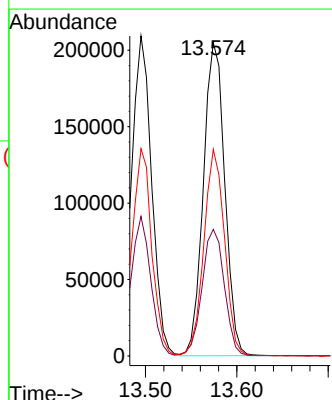
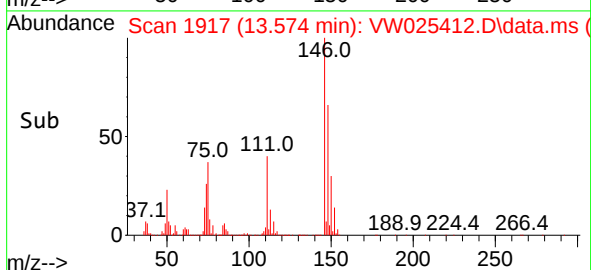
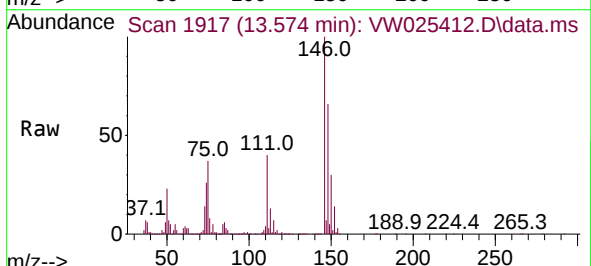
Delta R.T. 0.000 min

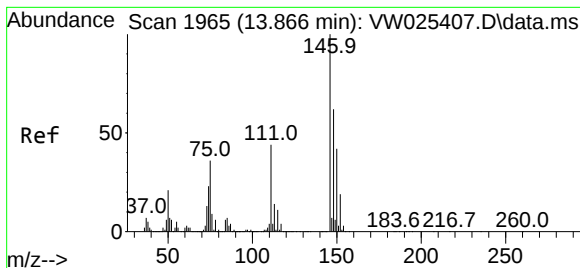
Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Tgt Ion:146 Resp: 331875

Ion	Ratio	Lower	Upper
146	100		
111	40.4	28.2	52.4
148	65.9	39.8	73.8





#67

1,2-Dichlorobenzene

Concen: 22.182 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

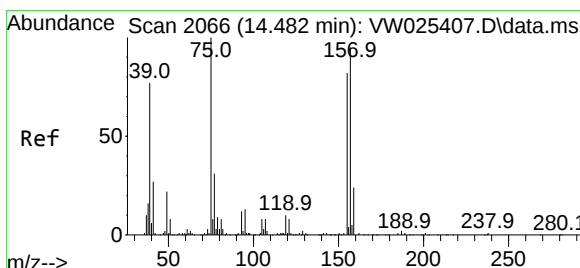
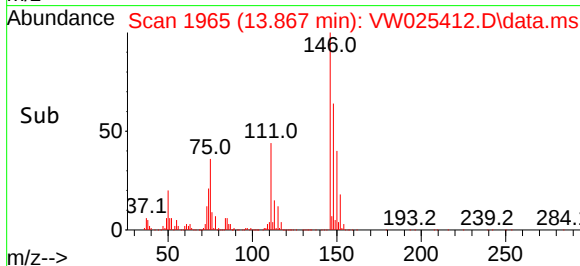
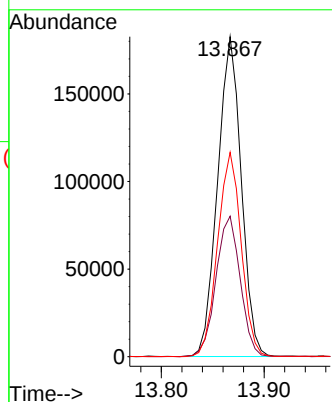
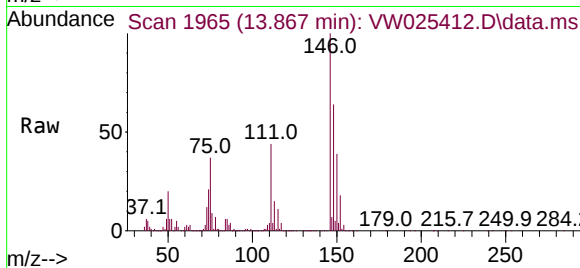
Tgt Ion:146 Resp: 29204

Ion	Ratio	Lower	Upper
146	100		
111	43.9	36.6	54.8
148	63.9	53.4	80.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 23.595 ug/L

RT: 14.483 min Scan# 2066

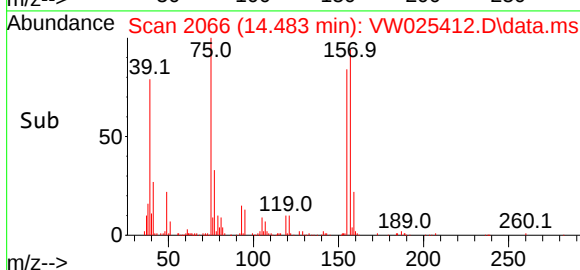
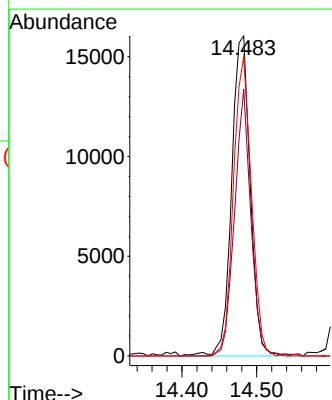
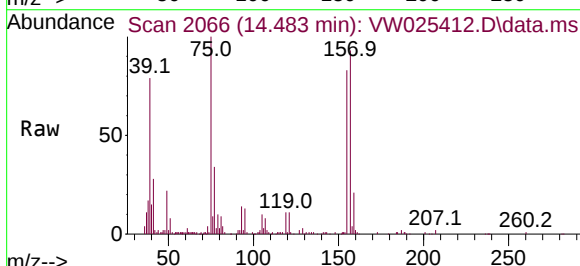
Delta R.T. 0.000 min

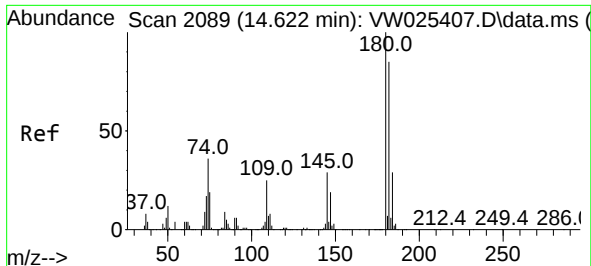
Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Tgt Ion: 75 Resp: 27657

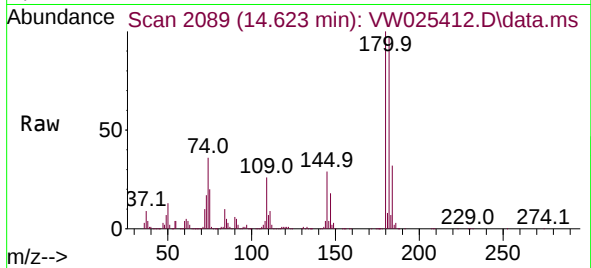
Ion	Ratio	Lower	Upper
75	100		
155	83.3	55.4	83.0#
157	93.4	75.3	112.9





#69
1,3,5-Trichlorobenzene
Concen: 15.643 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

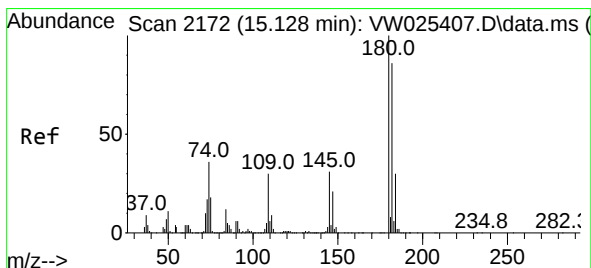
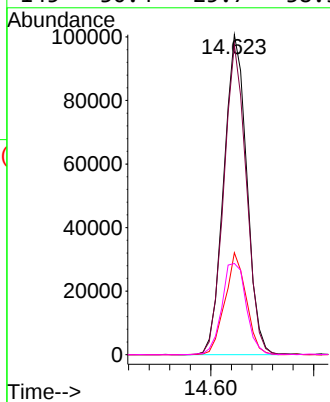
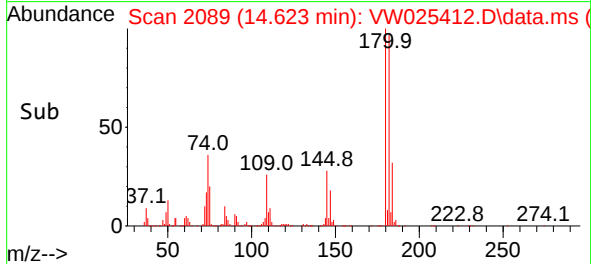
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



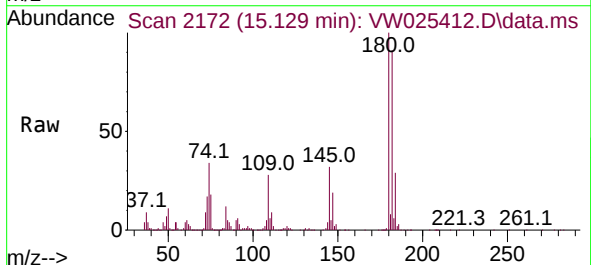
Tgt Ion:180 Resp: 15609
Ion Ratio Lower Upper
180 100
182 95.2 77.1 115.7
184 29.6 24.7 37.1
145 30.4 25.7 38.5

Manual Integrations
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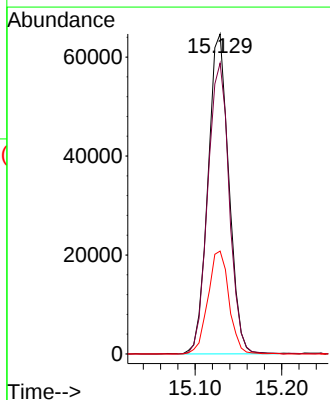
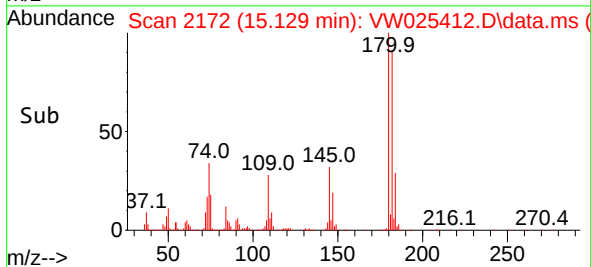
Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

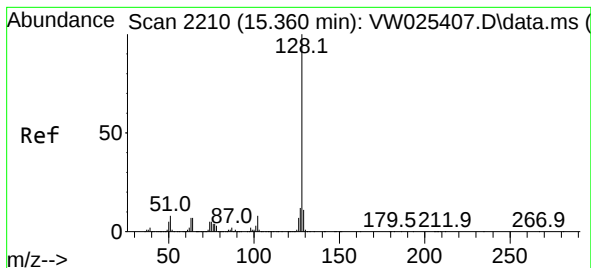


#70
1,2,4-trichlorobenzene
Concen: 13.094 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04



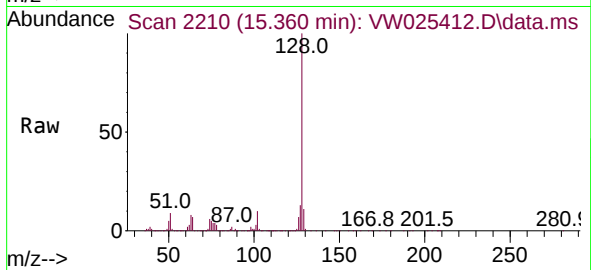
Tgt Ion:180 Resp: 108330
Ion Ratio Lower Upper
180 100
182 93.4 75.5 113.3
145 32.4 25.2 37.8





#71
Naphthalene
Concen: 15.493 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

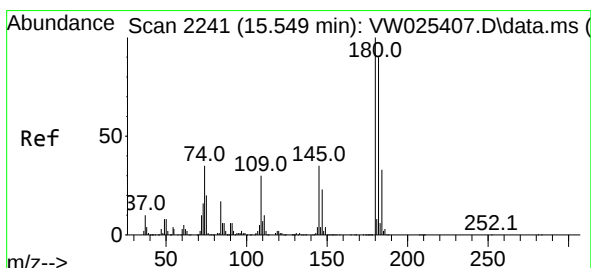
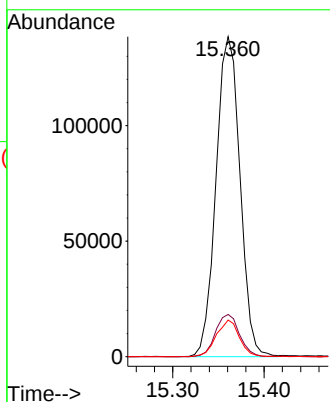
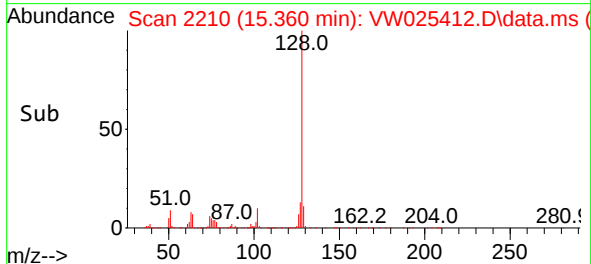
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD



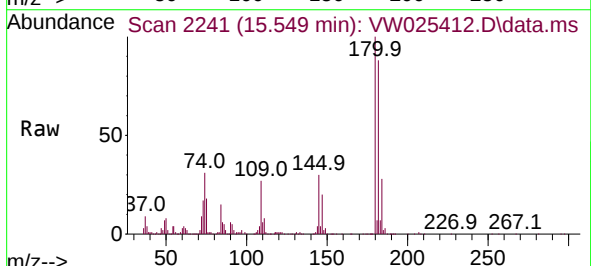
Tgt Ion:128 Resp: 25302
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#72
1,2,3-Trichlorobenzene
Concen: 12.324 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04



Tgt Ion:180 Resp: 91585
Ion Ratio Lower Upper
180 100
182 90.8 76.6 114.8
145 32.6 27.7 41.5

