

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025731.D
 Acq On : 27 Apr 2023 18:00
 Operator : SY/MD
 Sample : 02499-23MS
 Misc : 5.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCC0MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 03:03:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	723320	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	648640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	322462	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	168626	19.111	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.440%
7) Chloroethane-d5	2.899	69	138056m	21.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.280%
11) 1,1-Dichloroethene-d2	4.027	63	414160	20.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.360%
21) 2-Butanone-d5	7.075	46	153089	52.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.160%
24) Chloroform-d	7.648	84	452314	23.310	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.307	65	257176	24.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.276	84	884639	22.464	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.840%
36) 1,2-Dichloropropane-d6	9.270	67	289212	22.705	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.840%
41) Toluene-d8	10.325	98	802759	23.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	10.575	79	122593	24.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.800%
47) 2-Hexanone-d5	10.922	63	107432	54.304	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231724	24.684	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	255005	23.082	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	191213m	20.878	ug/L	
3) Chloromethane	2.223	50	209563	17.321	ug/L	99
5) Vinyl chloride	2.375	62	212283	16.687	ug/L	99
6) Bromomethane	2.789	94	117087	17.397	ug/L	98
8) Chloroethane	2.936	64	118735	18.324	ug/L	97
9) Trichlorofluoromethane	3.265	101	177142	18.526	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	183265	18.366	ug/L	97
12) 1,1-Dichloroethene	4.045	96	176771m	18.079	ug/L	
13) Acetone	4.112	43	1269367	470.340	ug/L	100
14) Carbon disulfide	4.393	76	620882	18.139	ug/L	99
15) Methyl Acetate	4.667	43	104138	19.482	ug/L	99
16) Methylene chloride	4.923	84	202714	14.836	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	191690	18.612	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	300358	20.265	ug/L	99
19) 1,1-Dichloroethane	6.216	63	386942	18.434	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	208192	19.271	ug/L	# 99
22) 2-Butanone	7.167	43	283951	82.982	ug/L	100
23) Bromochloromethane	7.514	128	85992	19.167	ug/L	95
25) Chloroform	7.679	83	366241	18.997	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	262202	19.871	ug/L	98
29) Cyclohexane	7.959	56	378547	18.759	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	295885	18.735	ug/L	98
31) Carbon tetrachloride	8.069	117	272323	19.006	ug/L	97
33) Benzene	8.325	78	831354	18.780	ug/L	100
34) Trichloroethene	9.093	95	212568	18.591	ug/L	96
35) Methylcyclohexane	9.337	83	372981	18.353	ug/L	100
37) 1,2-Dichloropropane	9.368	63	223504	18.731	ug/L	100
38) Bromodichloromethane	9.642	83	256699	19.033	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	336028	19.666	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	293797	40.821	ug/L	99
42) Toluene	10.386	91	876718	19.413	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	285107	20.310	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	150191	19.426	ug/L	99
46) Tetrachloroethene	10.861	164	215051	26.559	ug/L	95
48) 2-Hexanone	10.965	43	207607	40.963	ug/L	99
49) Dibromochloromethane	11.123	129	156095	19.492	ug/L	99
50) 1,2-Dibromoethane	11.233	107	140473	19.805	ug/L #	98
51) Chlorobenzene	11.654	112	520836	18.740	ug/L	98
52) Ethylbenzene	11.727	91	979816	19.348	ug/L	99
53) m,p-Xylene	11.837	106	361976	19.362	ug/L	96
54) o-Xylene	12.166	106	342478	19.646	ug/L	97
55) Styrene	12.178	104	594555	20.119	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	181343	19.151	ug/L	94
59) Bromoform	12.343	173	88472	19.802	ug/L	99
60) Isopropylbenzene	12.465	105	948284	19.147	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	135031	19.254	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	767220	19.702	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	715119	20.331	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	390695	18.693	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	387612	18.291	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	350459	19.006	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	31196	19.429	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	255796	18.812	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	215743	18.581	ug/L	98
71) Naphthalene	15.360	128	424384	20.464	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	194861	19.014	ug/L	100

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

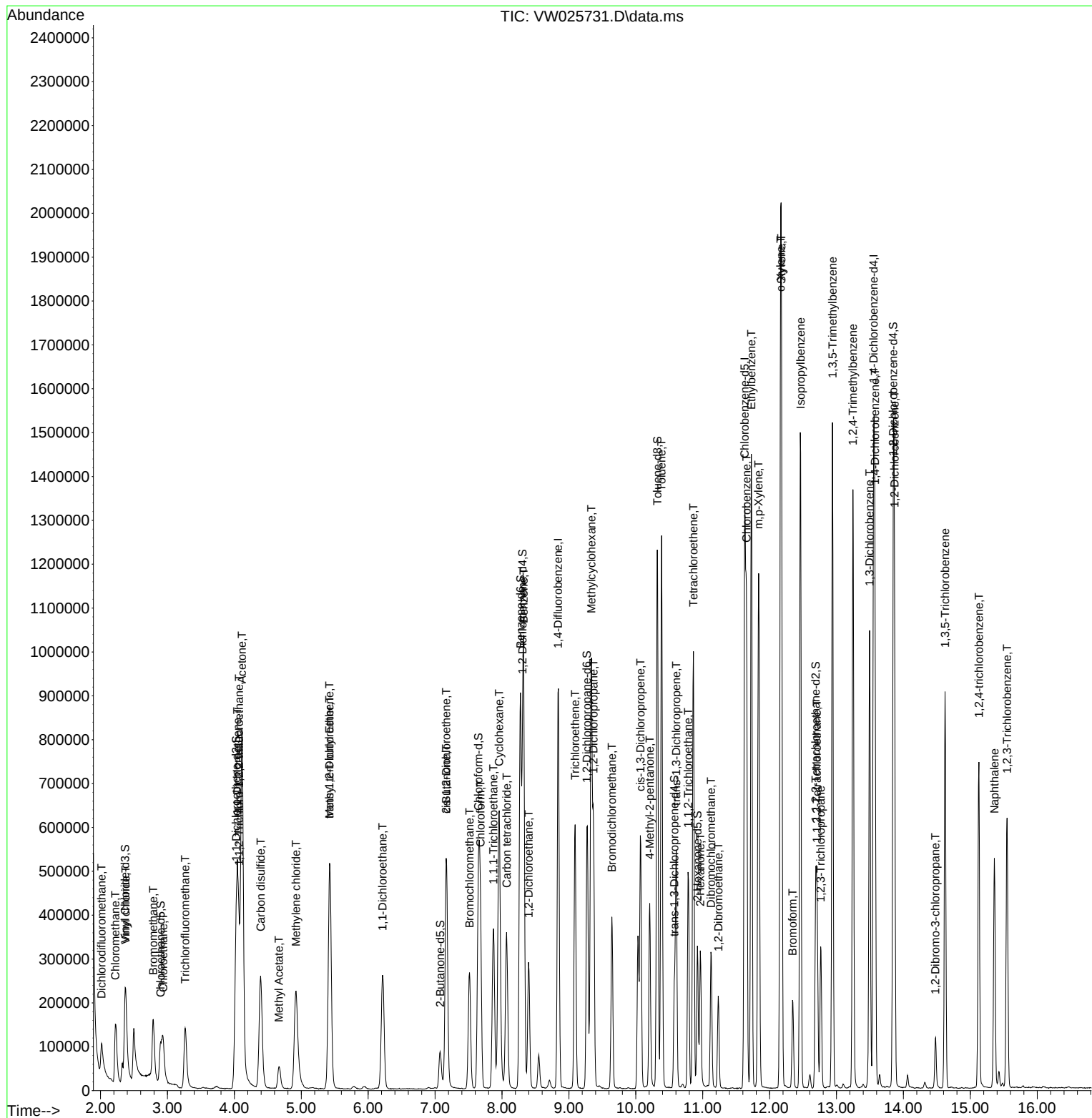
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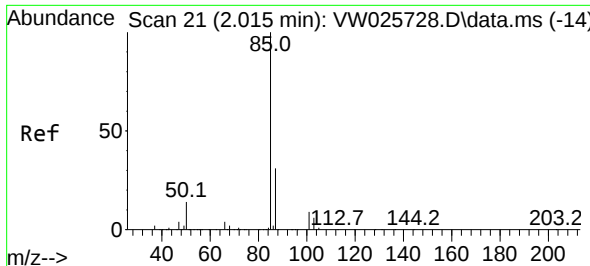
Instrument :
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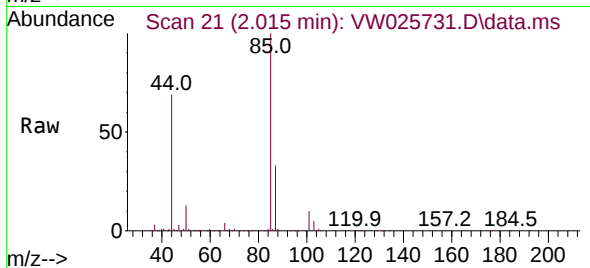
Reviewed By : Semsettin Yesilyurt 04/28/2023
 Supervised By : Mahesh Dadoda 05/01/2023





#2
Dichlorodifluoromethane
Concen: 20.878 ug/L m
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

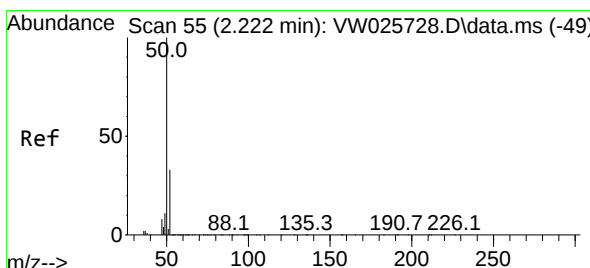
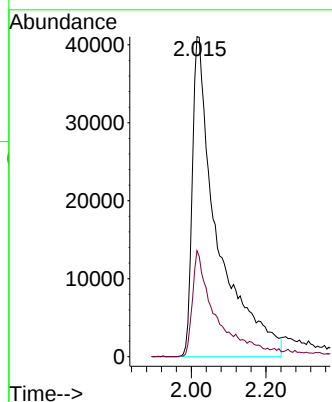
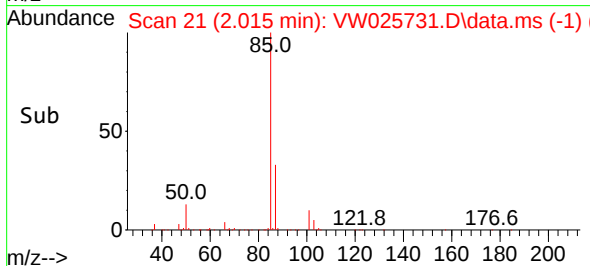
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



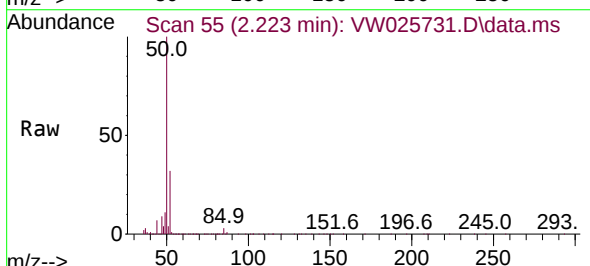
Tgt Ion: 85 Resp: 19121
Ion Ratio Lower Upper
85 100
87 25.2 21.3 31.9

Manual Integrations
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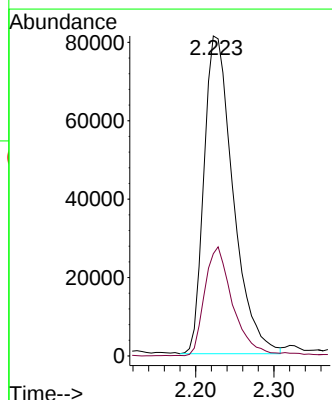
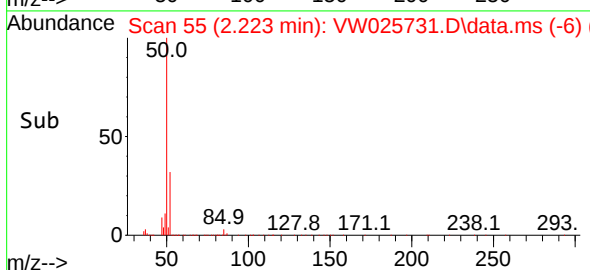
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

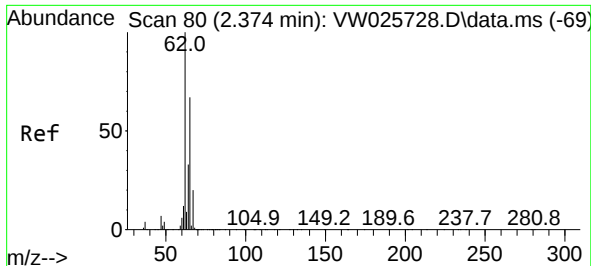


#3
Chloromethane
Concen: 17.321 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00



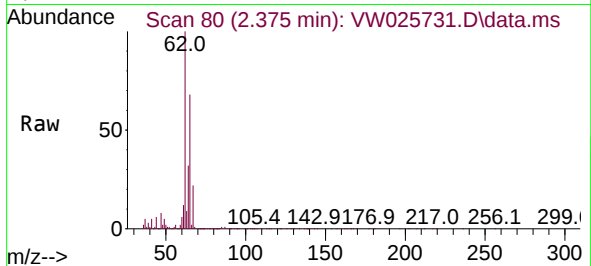
Tgt Ion: 50 Resp: 209563
Ion Ratio Lower Upper
50 100
52 32.0 22.9 42.5





#5
 Vinyl chloride
 Concen: 16.687 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025731.D
 Acq: 27 Apr 2023 18:00

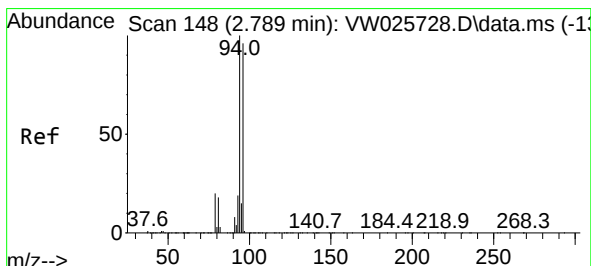
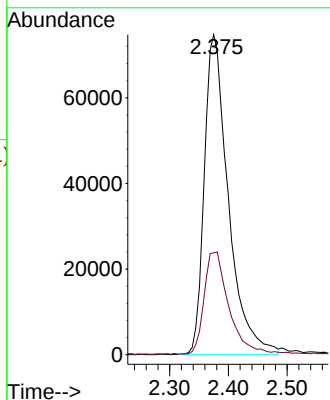
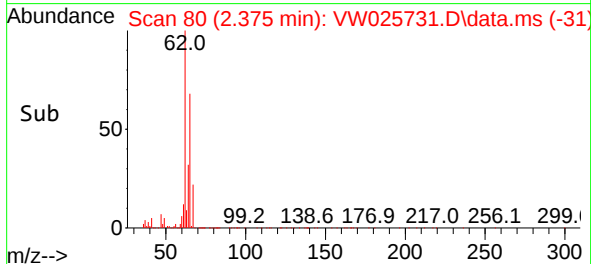
Instrument :
 MSVOA_W
 ClientSampleId :
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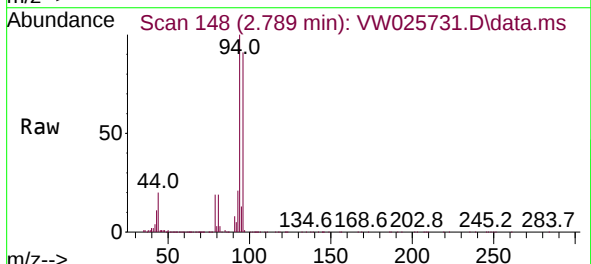
Tgt Ion: 62 Resp: 21228
 Ion Ratio Lower Upper
 62 100
 64 31.9 21.8 40.6

Manual Integrations
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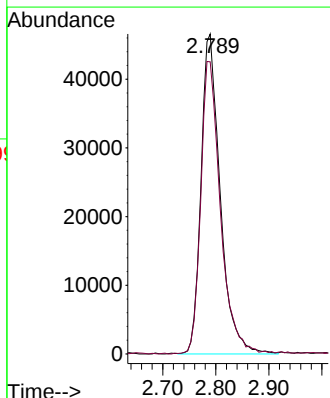
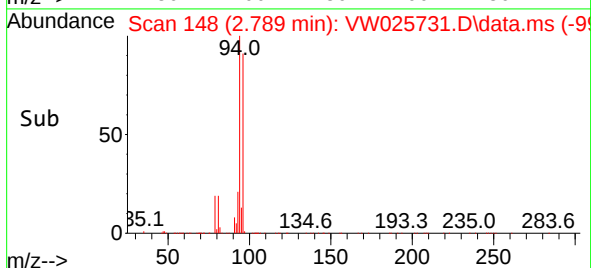
Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

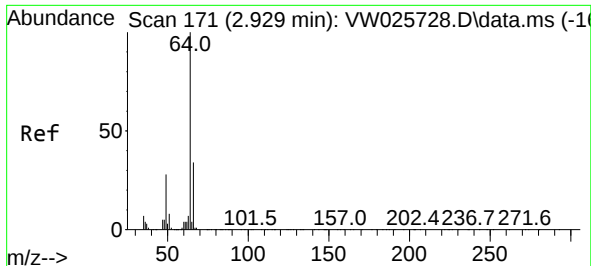


#6
 Bromomethane
 Concen: 17.397 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025731.D
 Acq: 27 Apr 2023 18:00



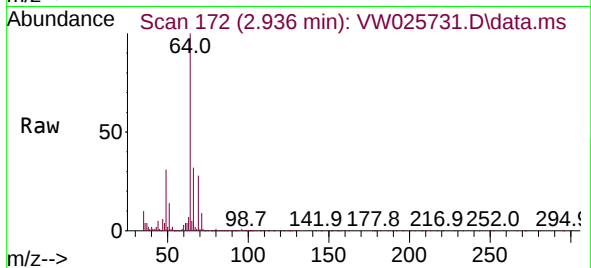
Tgt Ion: 94 Resp: 117087
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.2 121.2





#8
Chloroethane
Concen: 18.324 ug/L
RT: 2.936 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

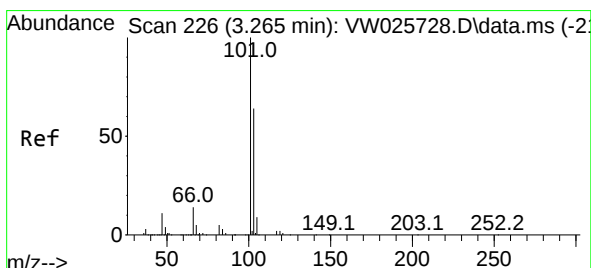
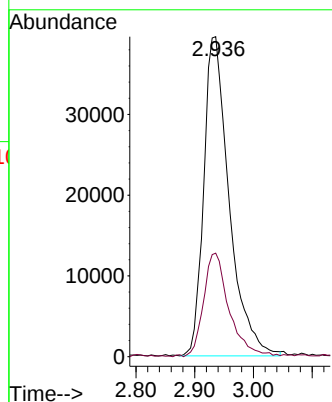
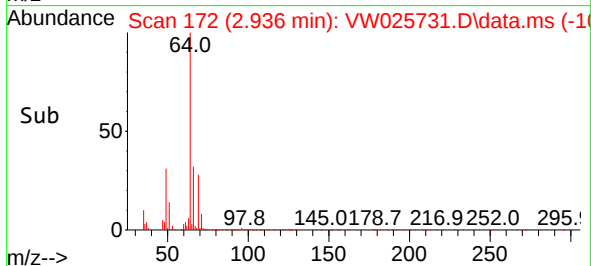
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



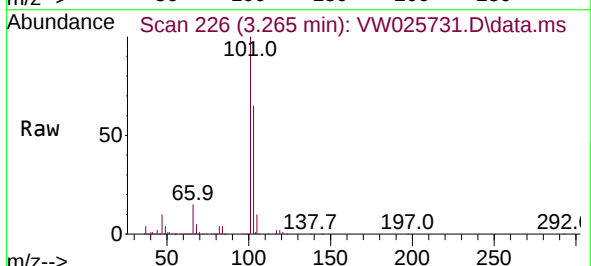
Tgt Ion: 64 Resp: 118735
Ion Ratio Lower Upper
64 100
66 32.4 21.5 39.9

Manual Integrations
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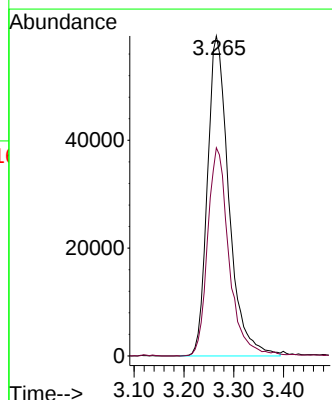
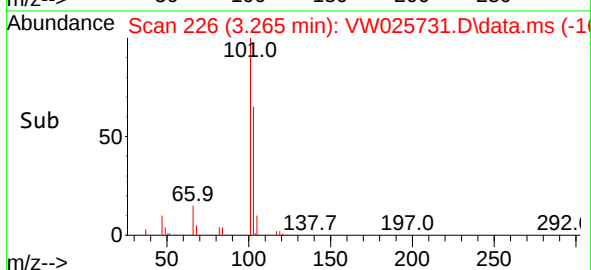
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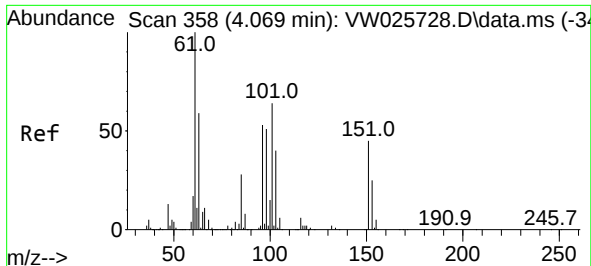


#9
Trichlorofluoromethane
Concen: 18.526 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00



Tgt Ion:101 Resp: 177142
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4





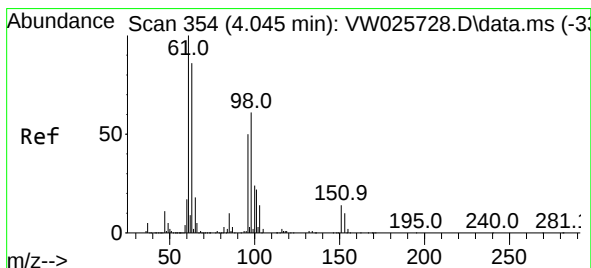
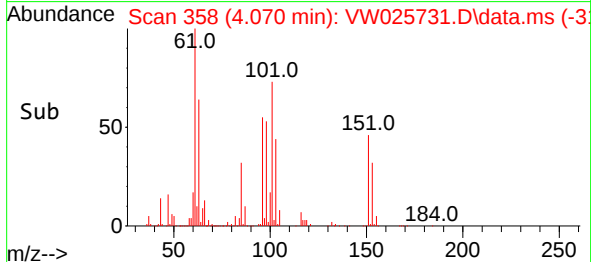
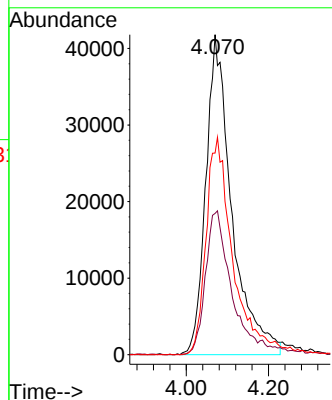
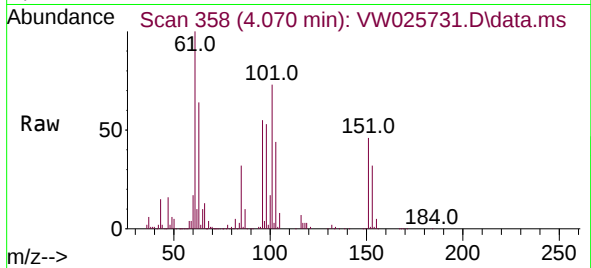
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.366 ug/L
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Instrument :
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Tgt Ion:101 Resp: 18326
Ion Ratio Lower Upper
101 100
85 43.3 35.9 53.9
151 64.7 54.1 81.1

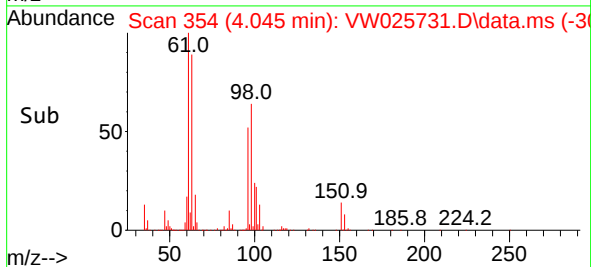
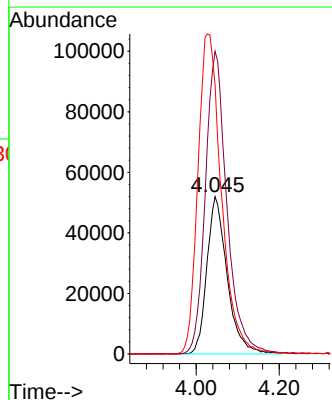
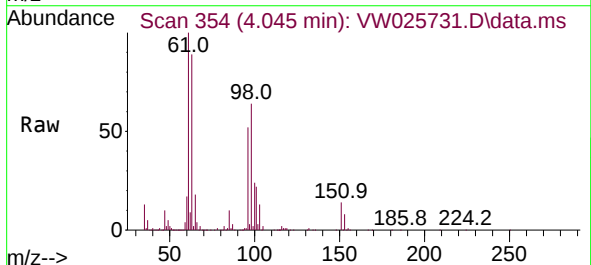
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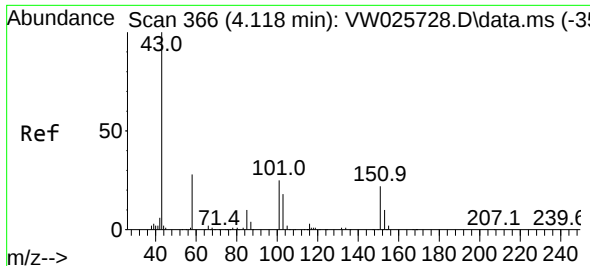
Reviewed By :Semsettin Yesilyurt 04/28/2023
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#12
1,1-Dichloroethene
Concen: 18.079 ug/L m
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

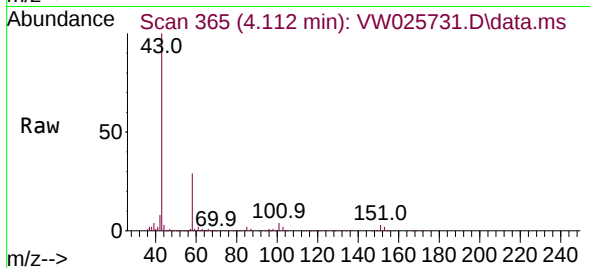
Tgt Ion: 96 Resp: 176771
Ion Ratio Lower Upper
96 100
61 192.3 137.9 256.1
63 171.1 90.5 168.1#





#13
Acetone
Concen: 470.340 ug/L
RT: 4.112 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

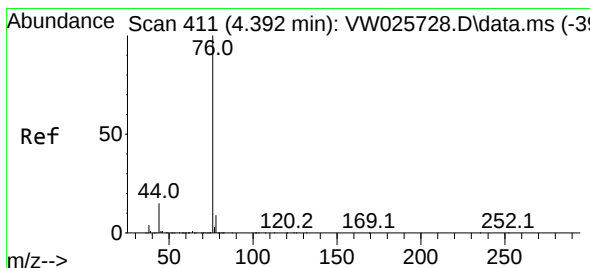
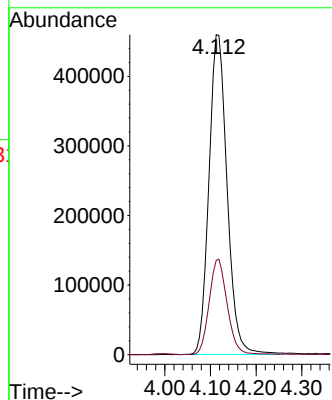
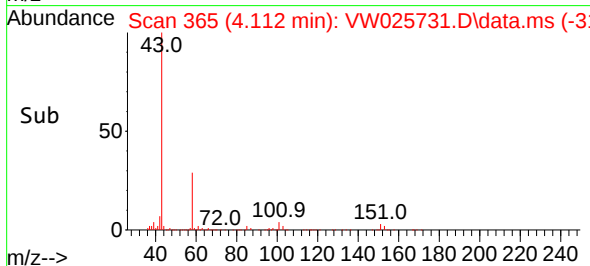
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ClientSampleId :
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Tgt Ion: 43 Resp: 126936
Ion Ratio Lower Upper
43 100
58 29.4 0.0 58.6

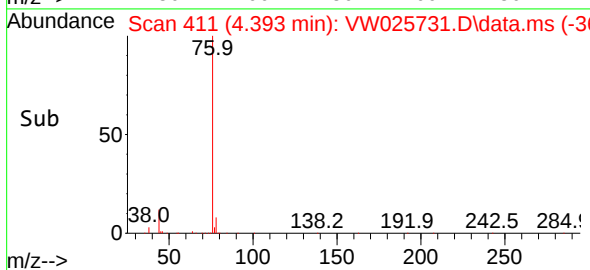
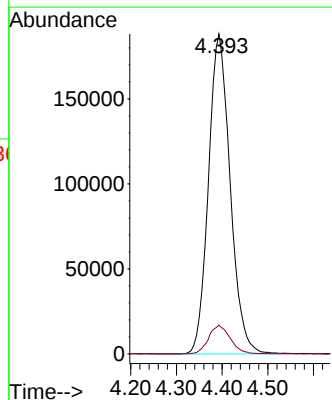
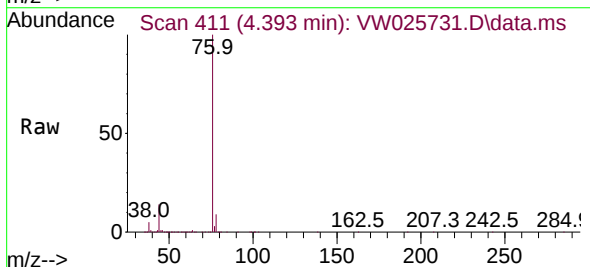
Manual Integrations
APPROVED

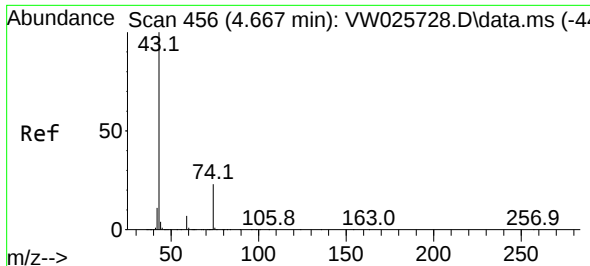
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#14
Carbon disulfide
Concen: 18.139 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Tgt Ion: 76 Resp: 620882
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6





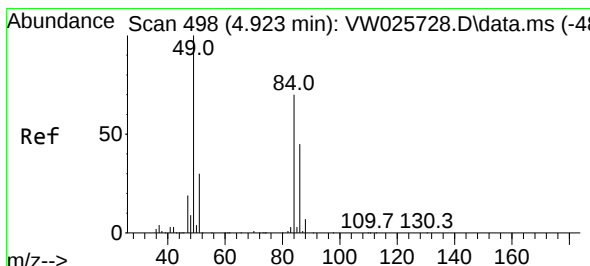
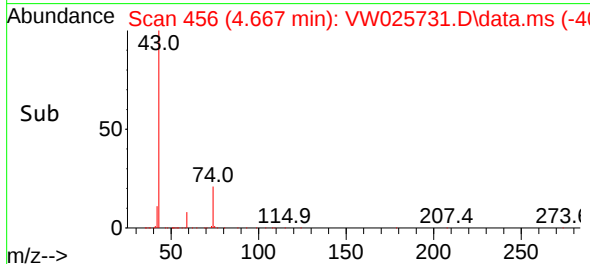
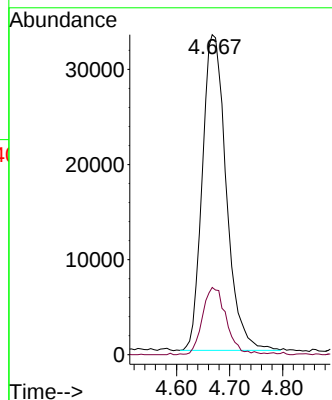
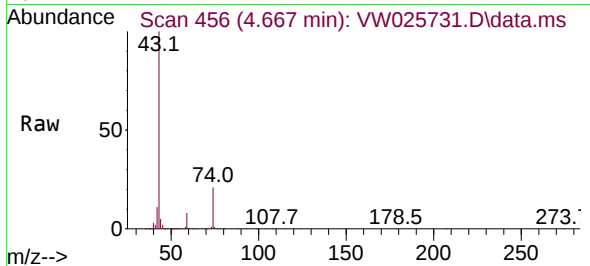
#15
Methyl Acetate
Concen: 19.482 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS

Tgt Ion: 43 Resp: 104138
Ion Ratio Lower Upper
43 100
74 20.4 16.1 24.1

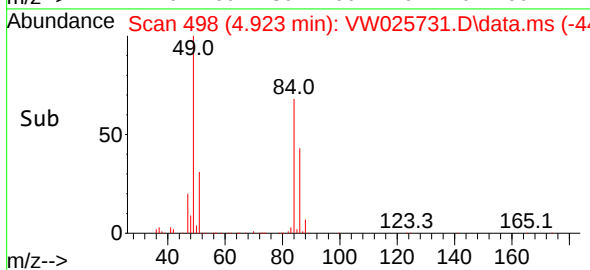
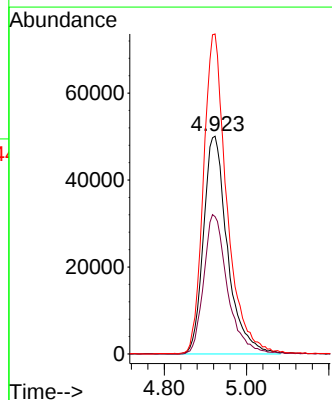
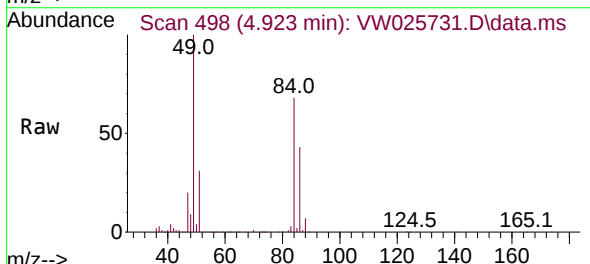
Manual Integrations
APPROVED

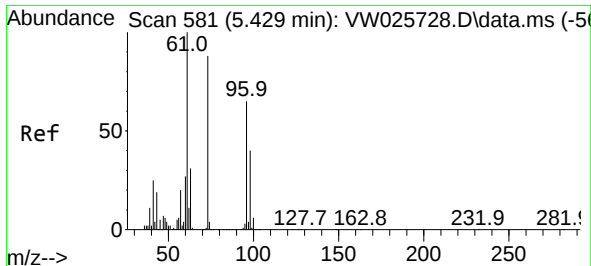
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#16
Methylene chloride
Concen: 14.836 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

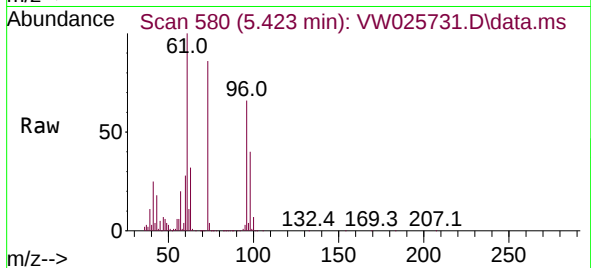
Tgt Ion: 84 Resp: 202714
Ion Ratio Lower Upper
84 100
86 63.1 46.3 85.9
49 147.0 101.9 189.3





#17
trans-1,2-Dichloroethene
Concen: 18.612 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

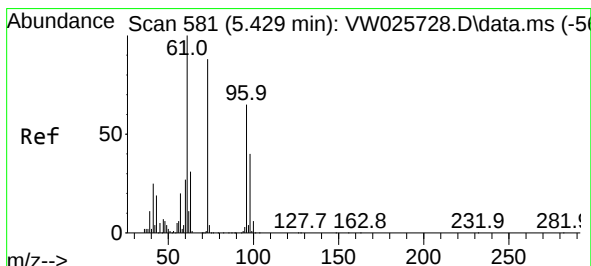
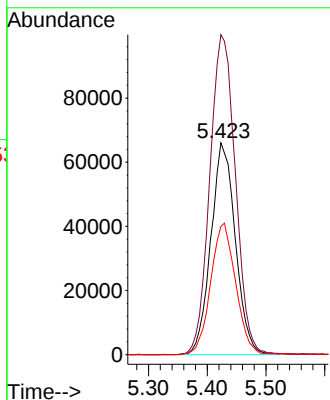
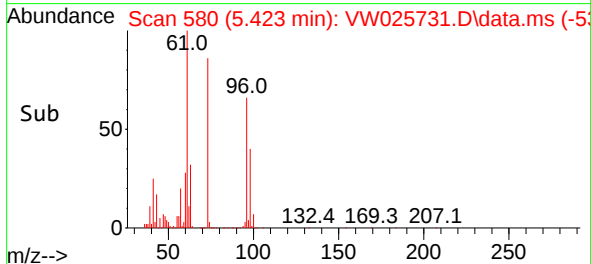
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



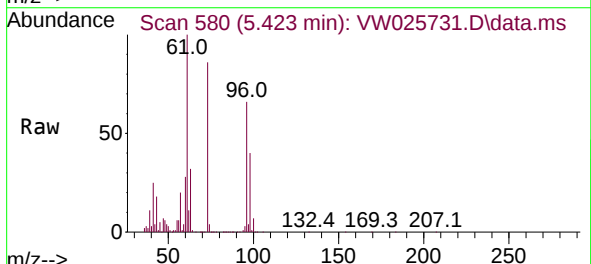
Tgt Ion: 96 Resp: 191690
Ion Ratio Lower Upper
96 100
61 151.1 110.2 204.8
98 60.6 44.8 83.2

Manual Integrations
APPROVED

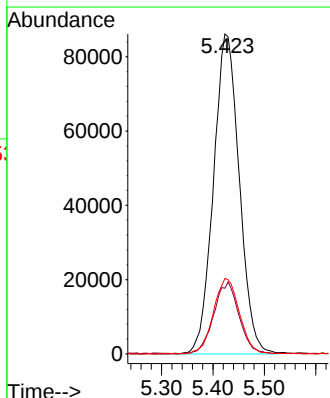
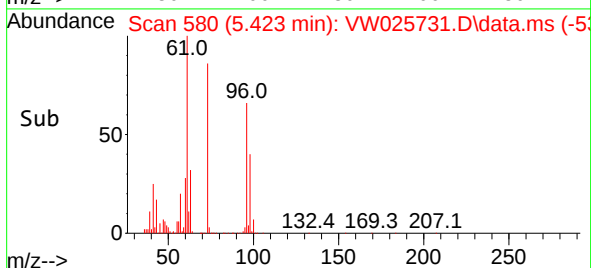
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

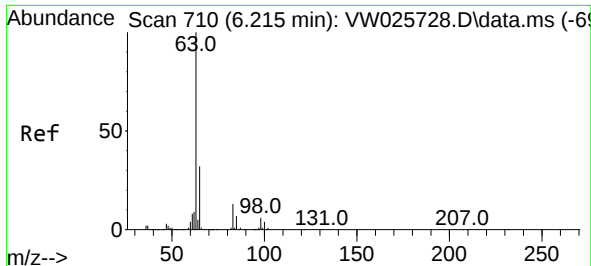


#18
Methyl tert-butyl Ether
Concen: 20.265 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00



Tgt Ion: 73 Resp: 300358
Ion Ratio Lower Upper
73 100
43 21.7 18.2 27.4
57 23.7 19.3 28.9





#19

1,1-Dichloroethane

Concen: 18.434 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025731.D

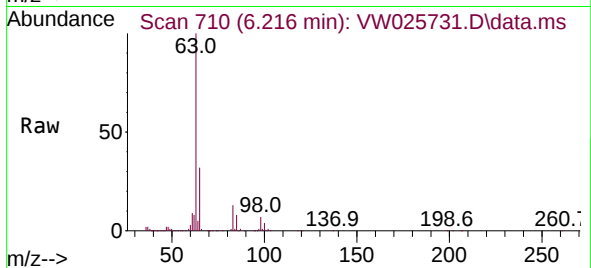
Acq: 27 Apr 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

DCCC0MS

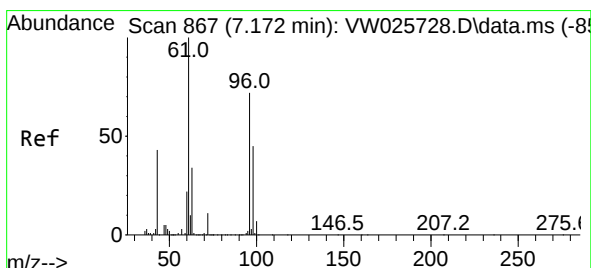
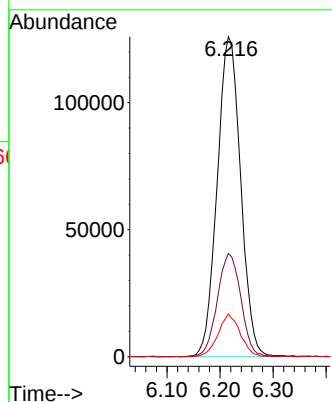
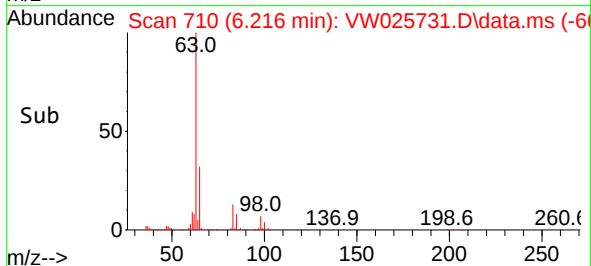


Tgt Ion:	63	Resp:	38694
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.9
83	13.4	9.0	16.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#20

cis-1,2-Dichloroethene

Concen: 19.271 ug/L

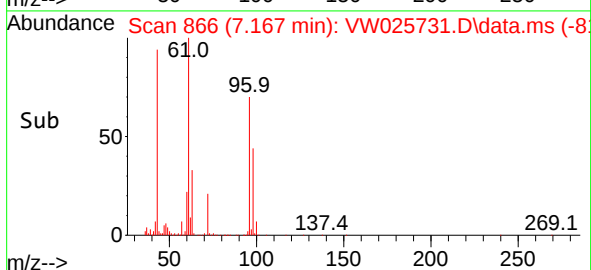
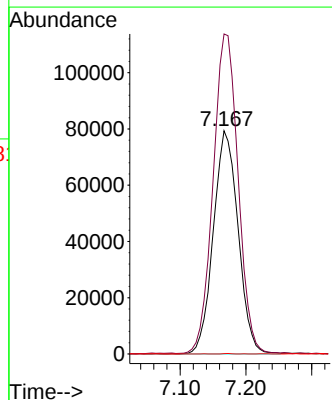
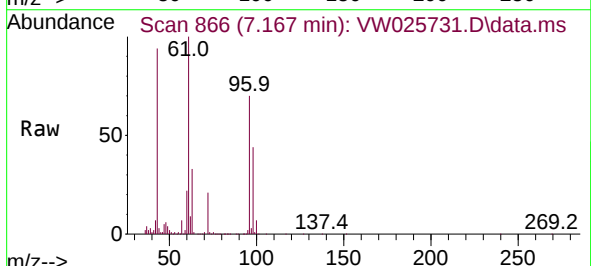
RT: 7.167 min Scan# 866

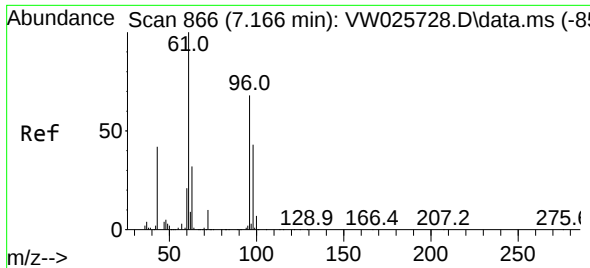
Delta R.T. -0.000 min

Lab File: VW025731.D

Acq: 27 Apr 2023 18:00

Tgt Ion:	96	Resp:	208192
Ion	Ratio	Lower	Upper
96	100		
61	143.4	101.6	188.6
68	0.2	0.1	0.1





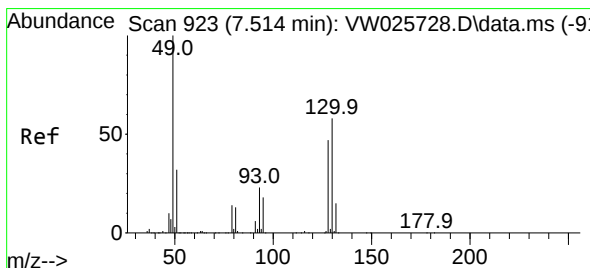
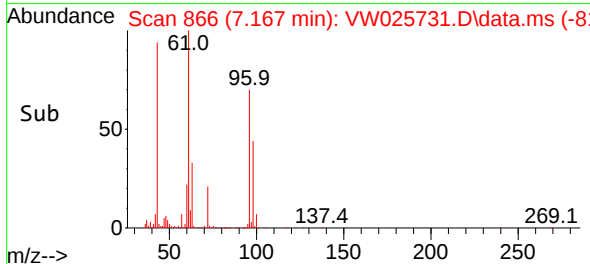
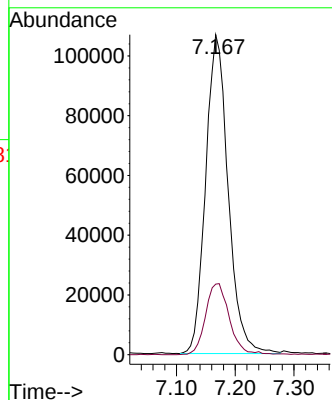
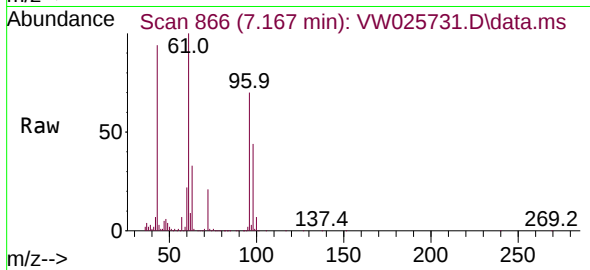
#22
2-Butanone
Concen: 82.982 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS

Tgt Ion: 43 Resp: 28395
Ion Ratio Lower Upper
43 100
72 23.3 11.7 35.0

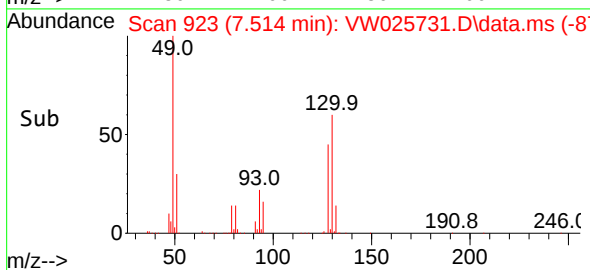
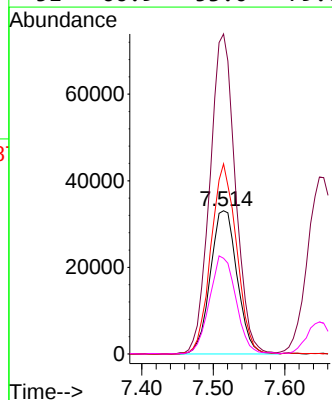
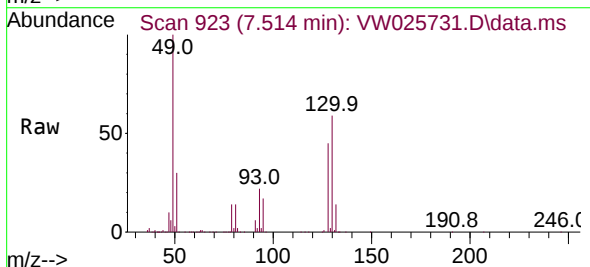
Manual Integrations
APPROVED

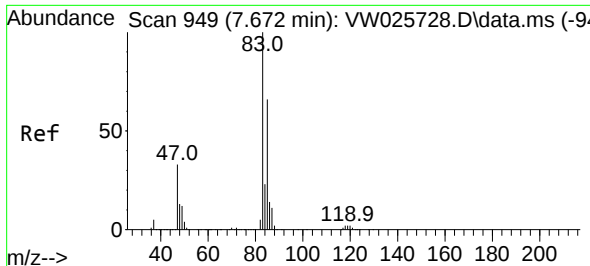
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#23
Bromochloromethane
Concen: 19.167 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

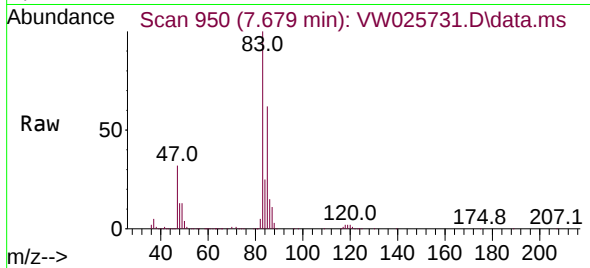
Tgt Ion:128 Resp: 85992
Ion Ratio Lower Upper
128 100
49 223.5 148.0 274.8
130 132.8 90.3 167.7
51 66.9 53.0 79.6





#25
Chloroform
Concen: 18.997 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

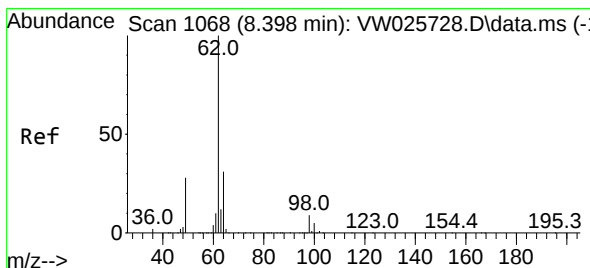
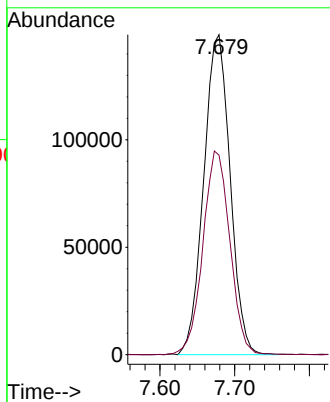
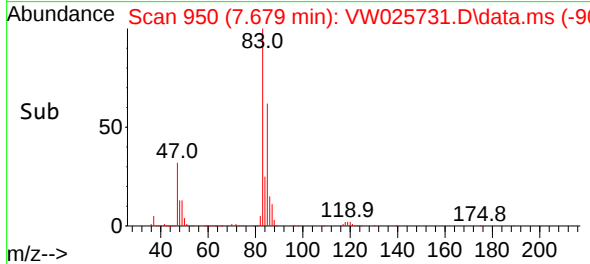
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



Tgt Ion: 83 Resp: 36624
Ion Ratio Lower Upper
83 100
85 62.4 44.9 83.5

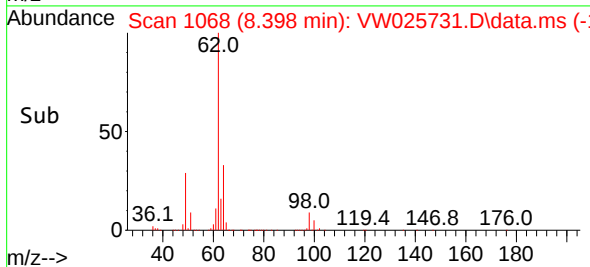
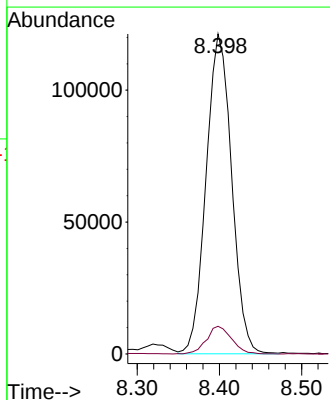
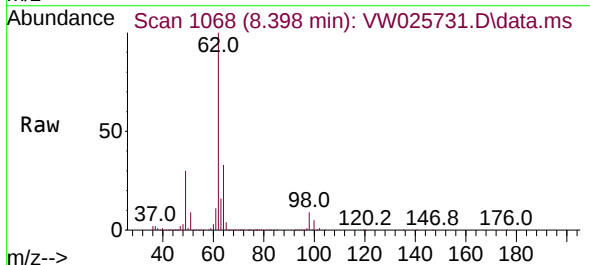
Manual Integrations
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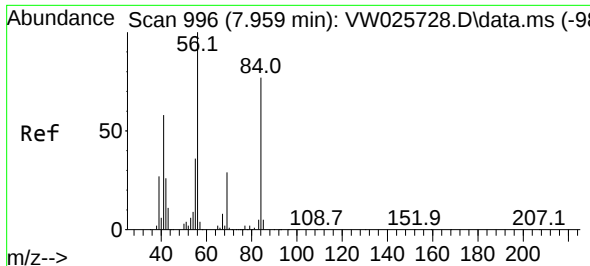
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#27
1,2-Dichloroethane
Concen: 19.871 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

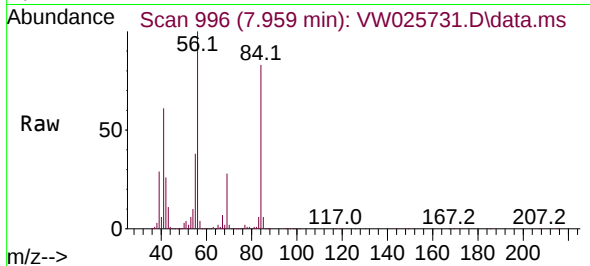
Tgt Ion: 62 Resp: 262202
Ion Ratio Lower Upper
62 100
98 8.6 6.5 9.7





#29
Cyclohexane
Concen: 18.759 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

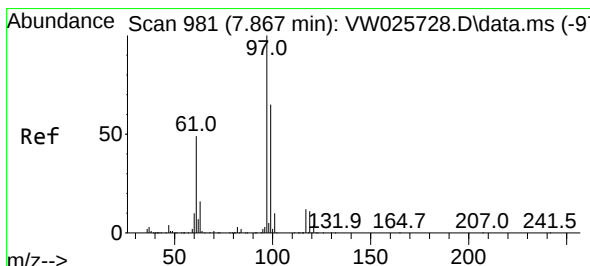
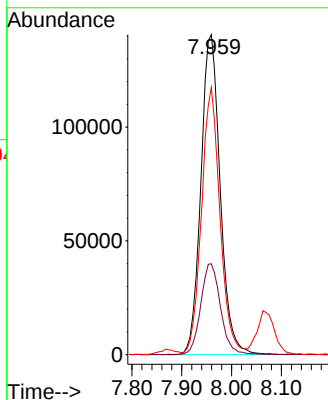
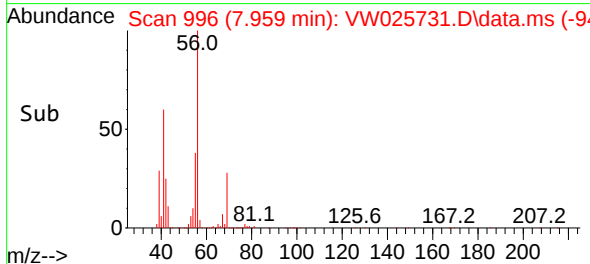
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



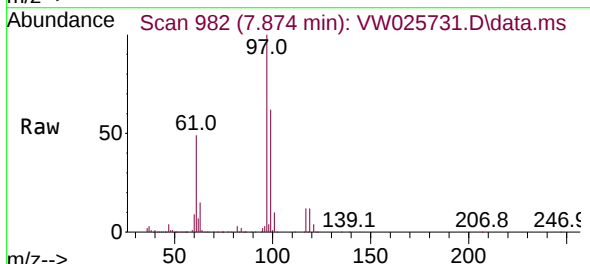
Tgt Ion: 56 Resp: 37854
Ion Ratio Lower Upper
56 100
69 29.2 22.6 34.0
84 79.7 62.2 93.2

Manual Integrations
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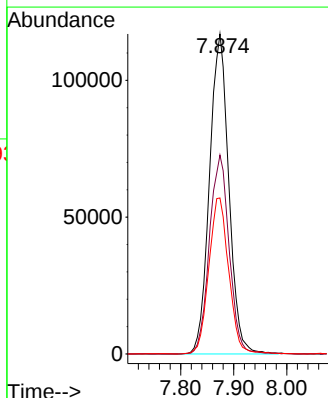
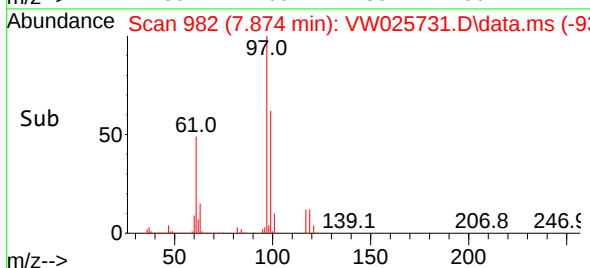
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

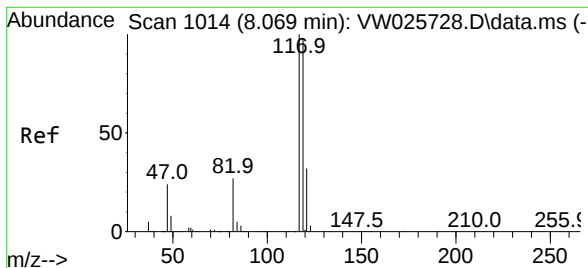


#30
1,1,1-Trichloroethane
Concen: 18.735 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00



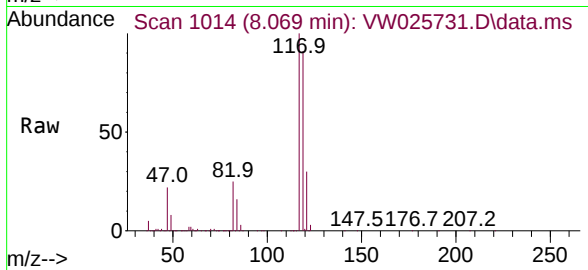
Tgt Ion: 97 Resp: 295885
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 50.1 42.2 63.2





#31
Carbon tetrachloride
Concen: 19.006 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

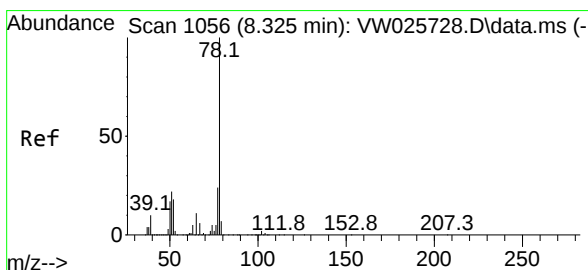
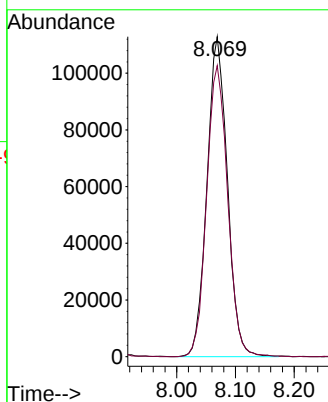
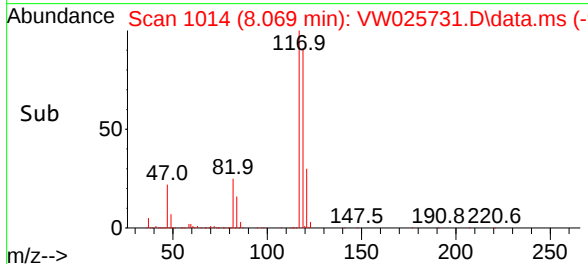
Instrument : MSVOA_W
ClientSampleId : DCCC0MS



Tgt Ion:117 Resp: 27232
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.2

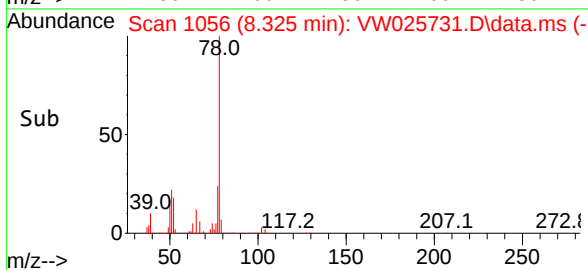
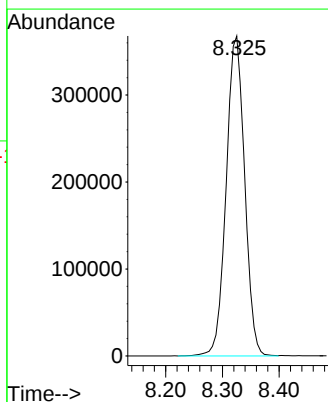
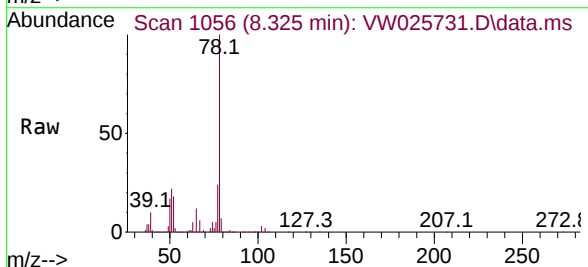
Manual Integrations
APPROVED

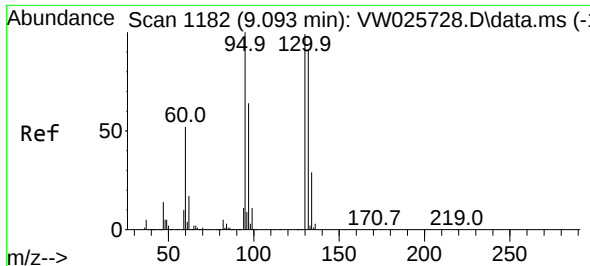
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#33
Benzene
Concen: 18.780 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

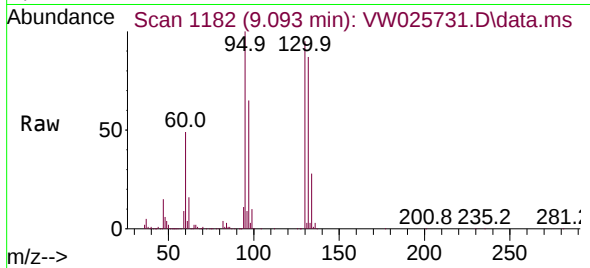
Tgt Ion: 78 Resp: 831354





#34
Trichloroethene
Concen: 18.591 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

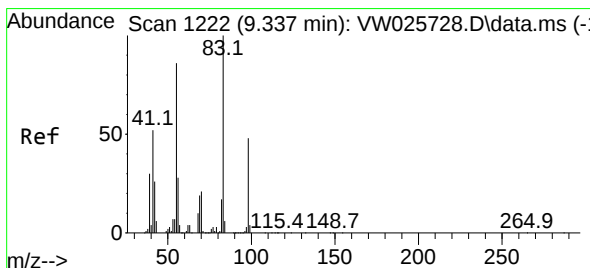
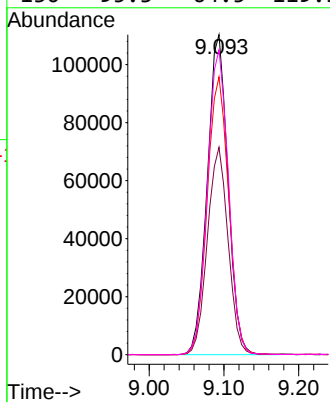
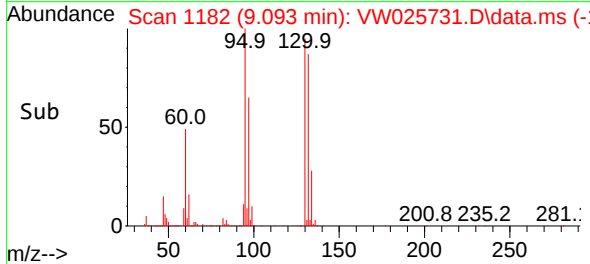
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



Tgt Ion: 95 Resp: 212568
Ion Ratio Lower Upper
95 100
97 64.8 44.7 83.1
132 86.8 65.0 120.6
130 95.3 64.5 119.9

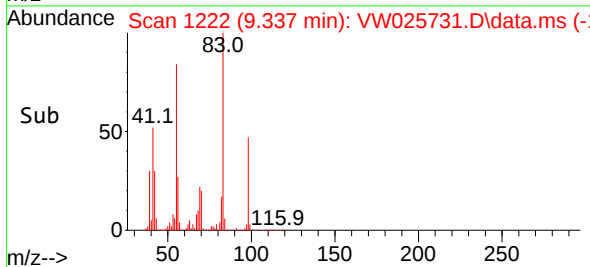
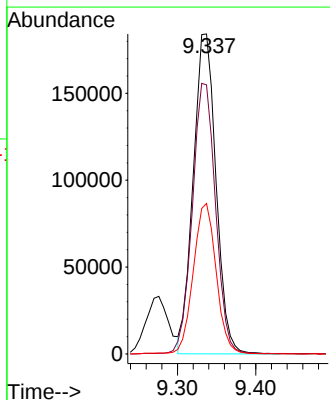
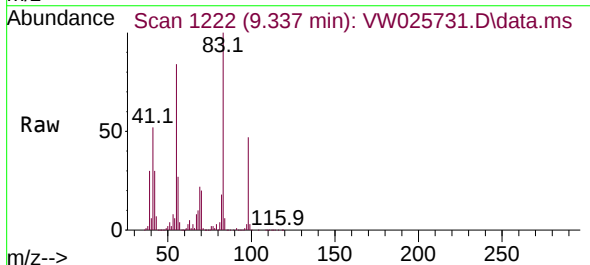
Manual Integrations
APPROVED

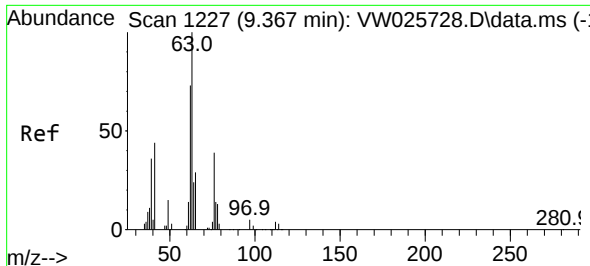
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#35
Methylcyclohexane
Concen: 18.353 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

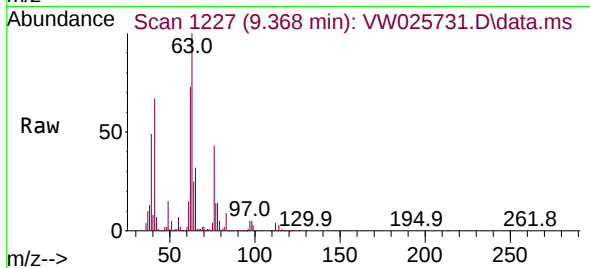
Tgt Ion: 83 Resp: 372981
Ion Ratio Lower Upper
83 100
55 86.2 68.7 103.1
98 47.2 37.4 56.2





#37
1,2-Dichloropropane
Concen: 18.731 ug/L
RT: 9.368 min Scan# 112
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

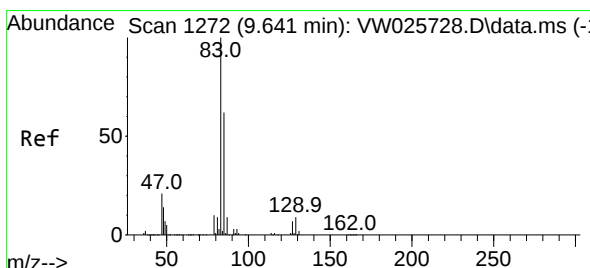
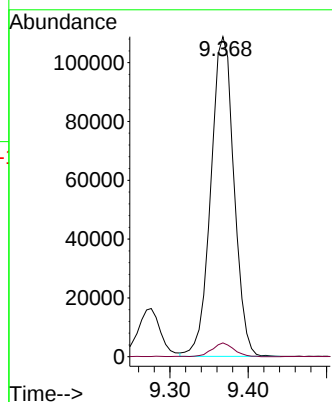
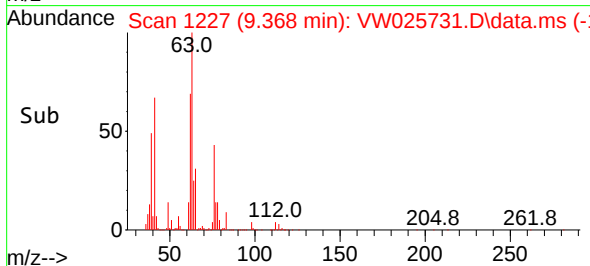
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



Tgt Ion: 63 Resp: 223504
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8

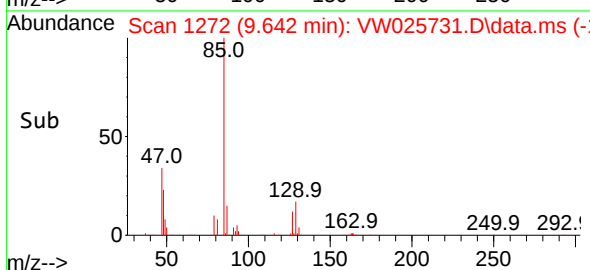
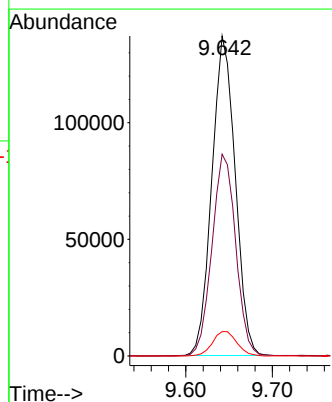
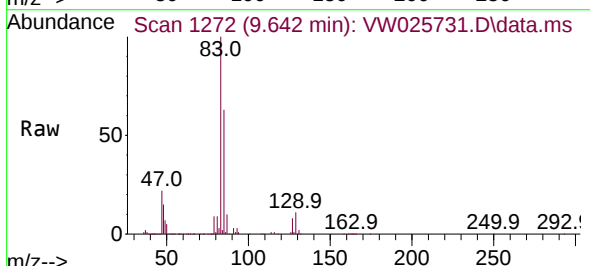
Manual Integrations
APPROVED

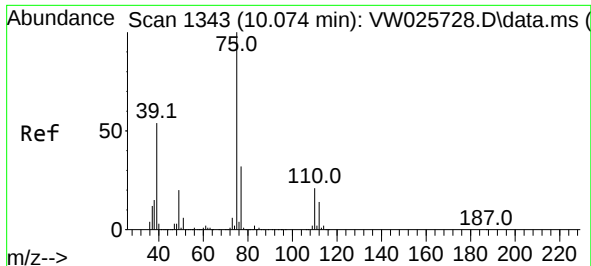
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#38
Bromodichloromethane
Concen: 19.033 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

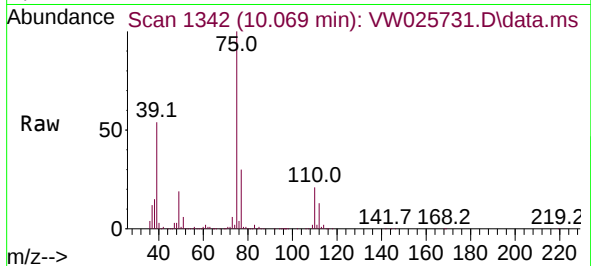
Tgt Ion: 83 Resp: 256699
Ion Ratio Lower Upper
83 100
85 63.0 44.4 82.4
127 7.6 5.5 8.3





#39
cis-1,3-Dichloropropene
Concen: 19.666 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

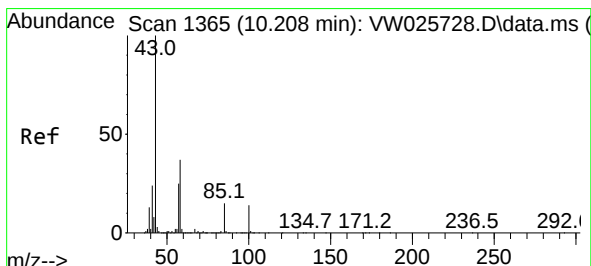
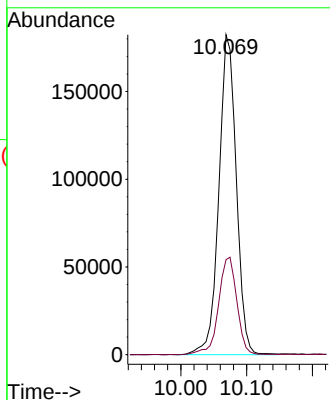
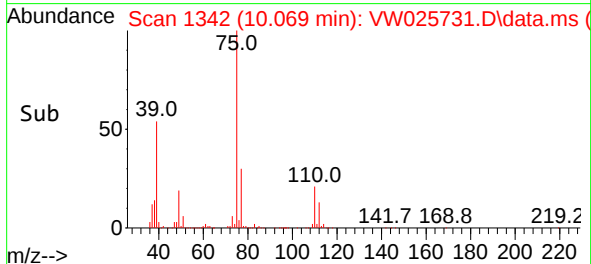
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



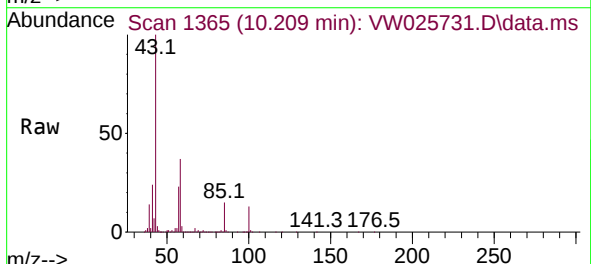
Tgt Ion: 75 Resp: 336028
Ion Ratio Lower Upper
75 100
77 29.7 22.3 41.5

Manual Integrations
APPROVED

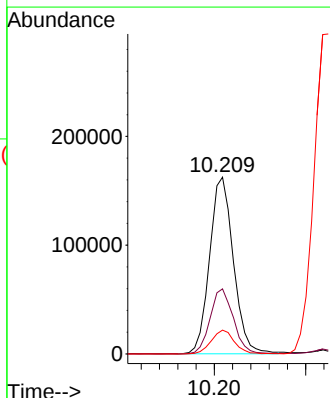
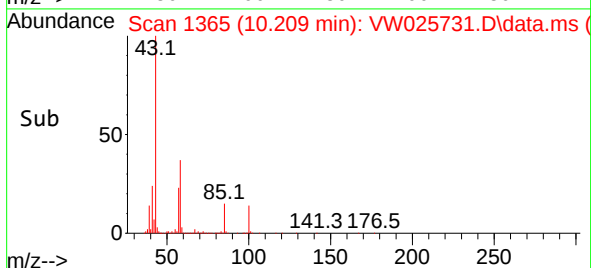
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

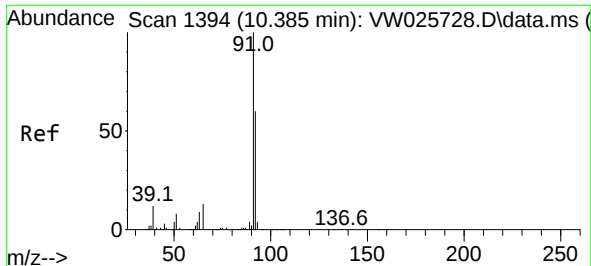


#40
4-Methyl-2-pentanone
Concen: 40.821 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00



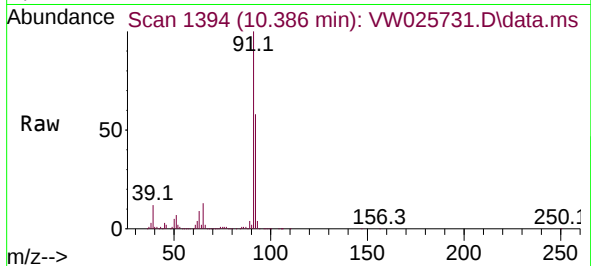
Tgt Ion: 43 Resp: 293797
Ion Ratio Lower Upper
43 100
58 35.9 29.4 44.0
100 13.1 10.2 15.4





#42
Toluene
Concen: 19.413 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

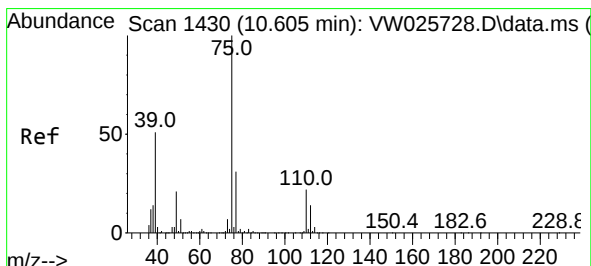
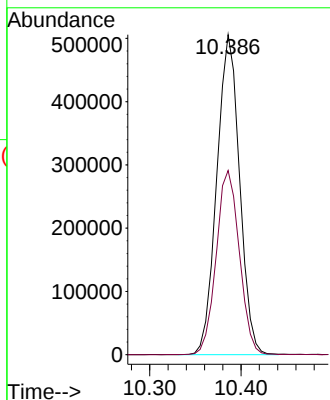
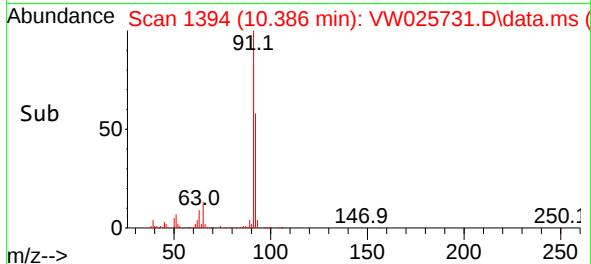
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



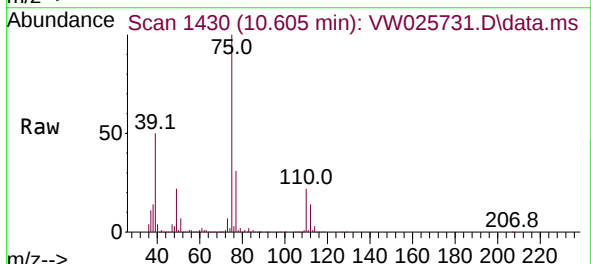
Tgt Ion: 91 Resp: 876718
Ion Ratio Lower Upper
91 100
92 57.6 40.8 75.8

Manual Integrations
APPROVED

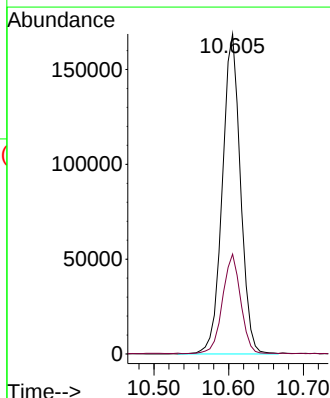
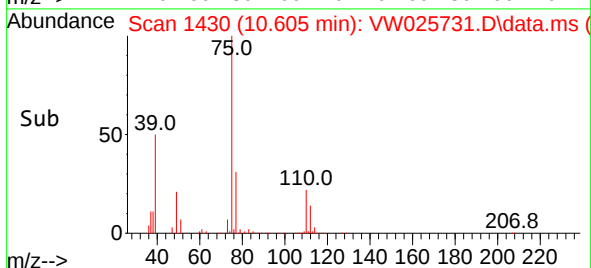
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

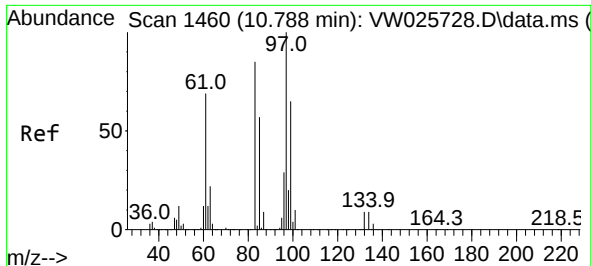


#44
trans-1,3-Dichloropropene
Concen: 20.310 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00



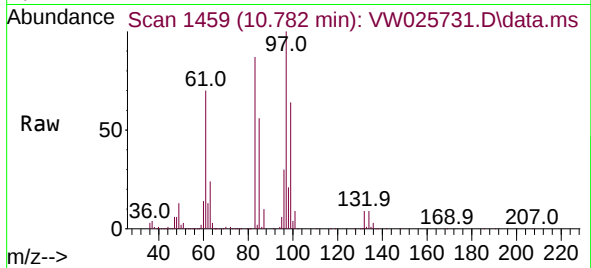
Tgt Ion: 75 Resp: 285107
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.7





#45
1,1,2-Trichloroethane
Concen: 19.426 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

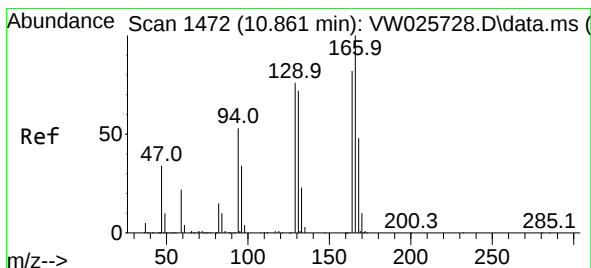
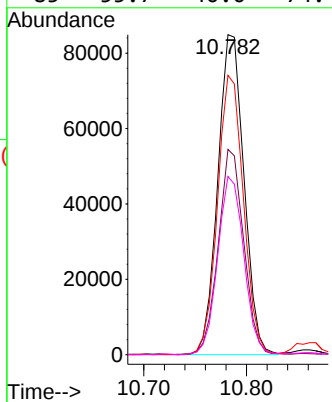
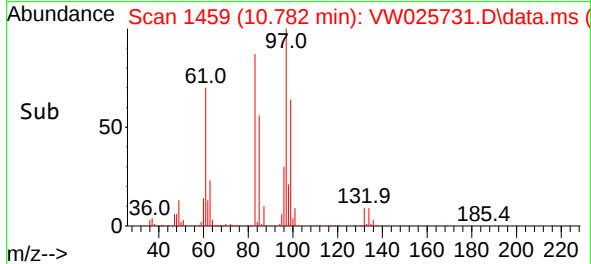
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



Tgt Ion: 97 Resp: 15019
Ion Ratio Lower Upper
97 100
99 64.1 43.6 81.0
83 87.3 61.5 114.1
85 55.7 40.0 74.4

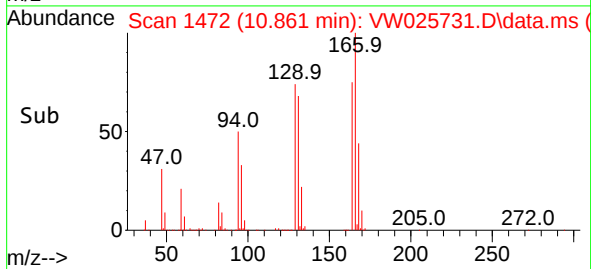
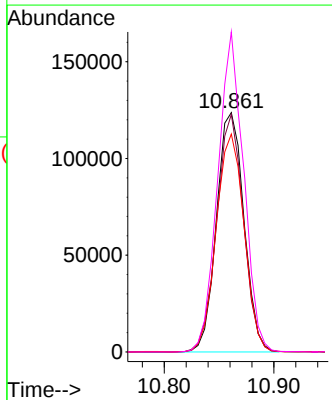
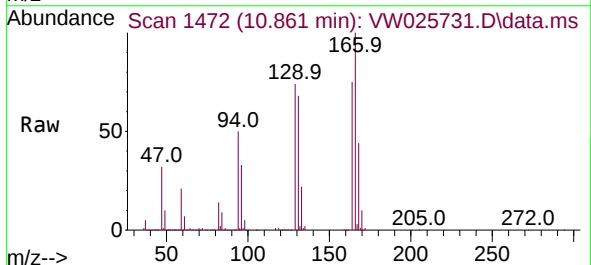
Manual Integrations
APPROVED

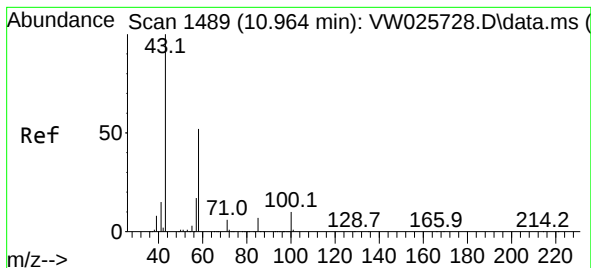
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#46
Tetrachloroethene
Concen: 26.559 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

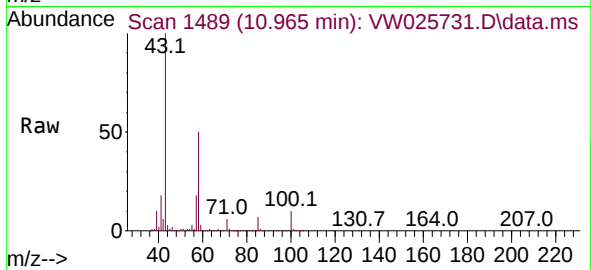
Tgt Ion:164 Resp: 215051
Ion Ratio Lower Upper
164 100
129 99.3 69.2 128.6
131 91.1 59.4 110.2
166 133.7 88.5 164.4





#48
2-Hexanone
Concen: 40.963 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

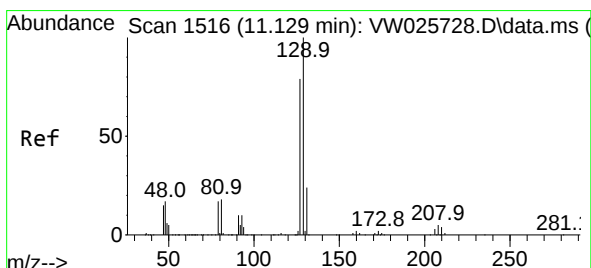
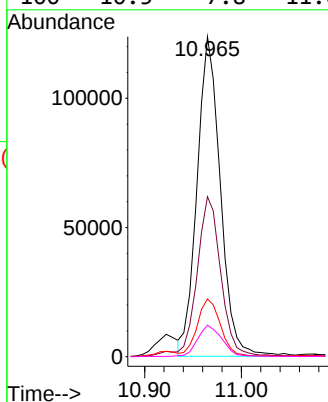
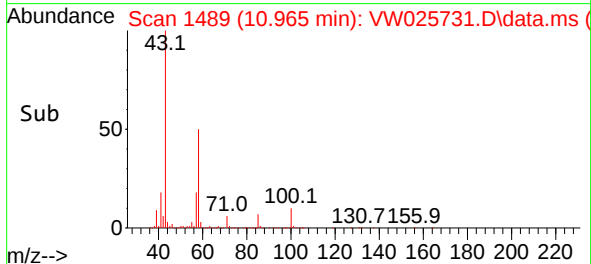
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



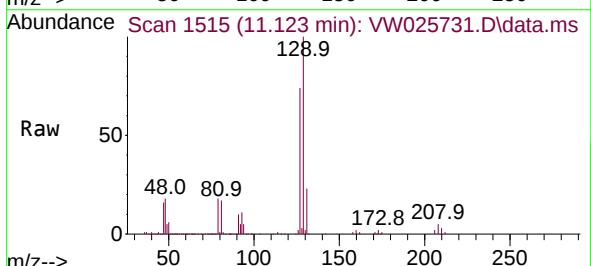
Tgt Ion: 43 Resp: 20760
Ion Ratio Lower Upper
43 100
58 50.8 40.3 60.5
57 18.1 13.8 20.8
100 10.5 7.8 11.6

Manual Integrations
APPROVED

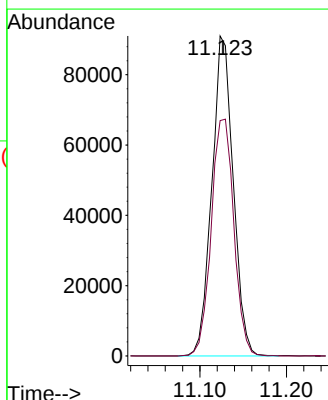
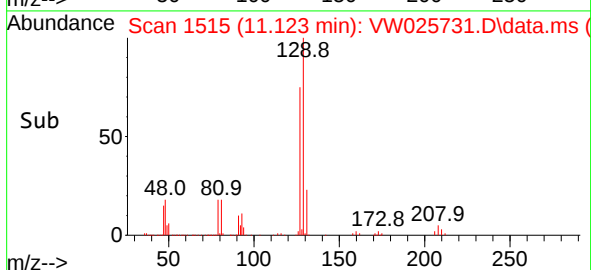
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

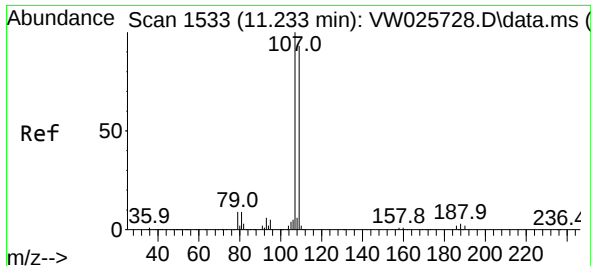


#49
Dibromochloromethane
Concen: 19.492 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00



Tgt Ion:129 Resp: 156095
Ion Ratio Lower Upper
129 100
127 73.6 51.9 96.5





#50

1,2-Dibromoethane

Concen: 19.805 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025731.D

Acq: 27 Apr 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

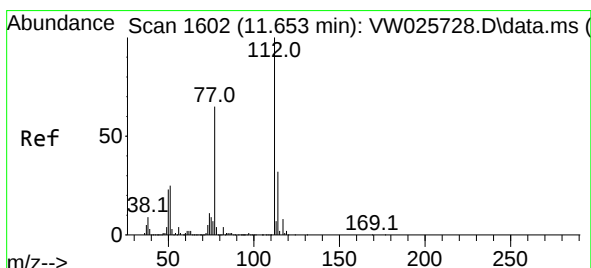
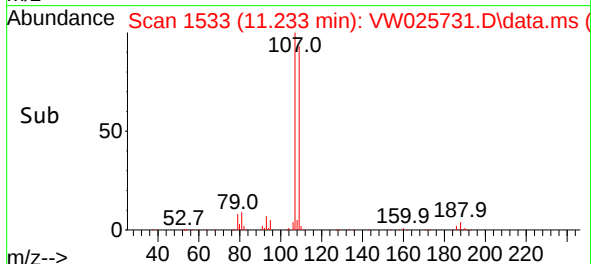
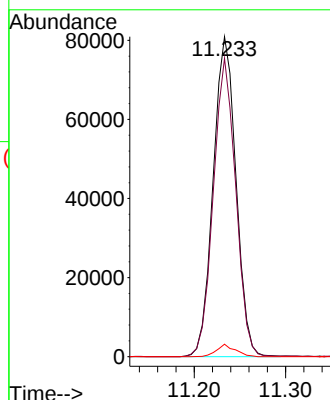
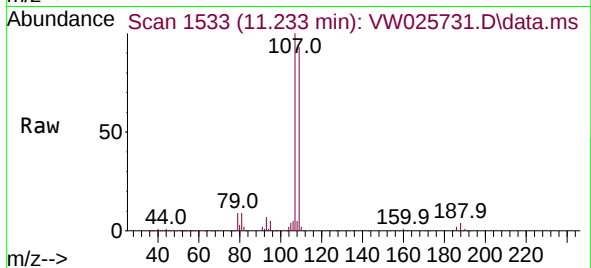
DCCC0MS

Tgt Ion:	107	Resp:	14047
Ion Ratio	Lower	Upper	
107	100		
109	93.2	66.9	124.3
188	3.9	2.1	3.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#51

Chlorobenzene

Concen: 18.740 ug/L

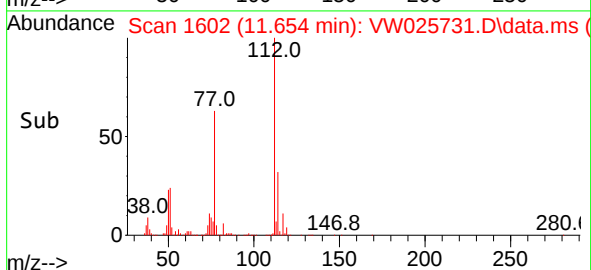
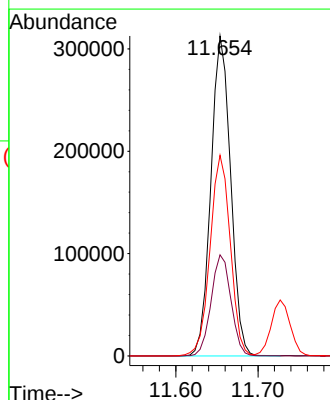
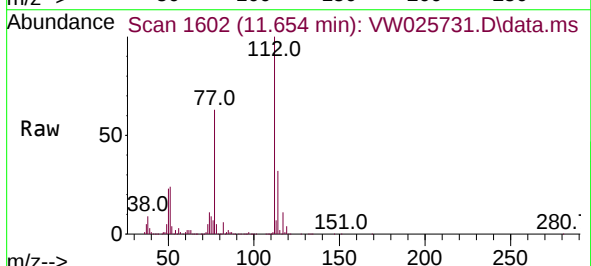
RT: 11.654 min Scan# 1602

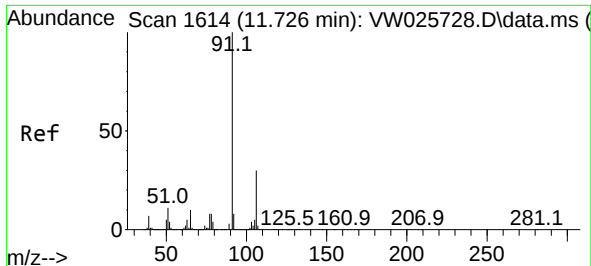
Delta R.T. -0.000 min

Lab File: VW025731.D

Acq: 27 Apr 2023 18:00

Tgt Ion:	112	Resp:	520836
Ion Ratio	Lower	Upper	
112	100		
114	31.6	21.2	39.4
77	62.7	51.5	77.3





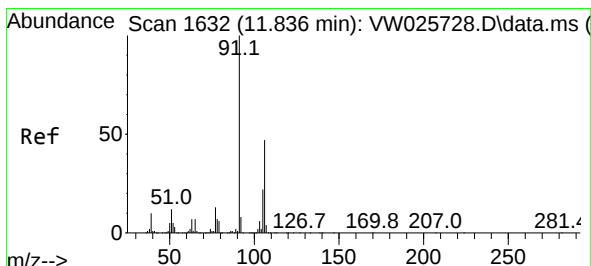
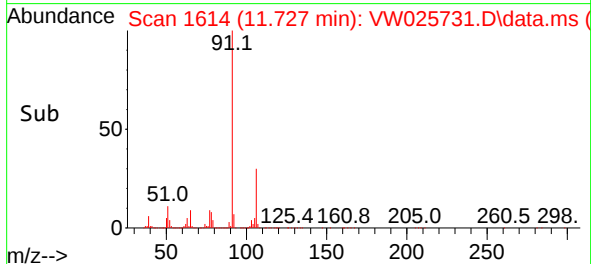
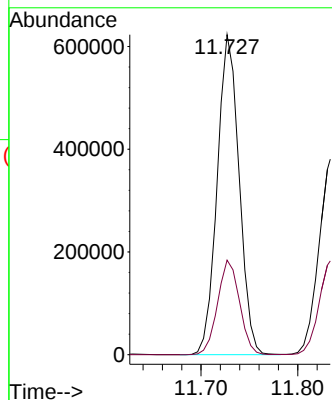
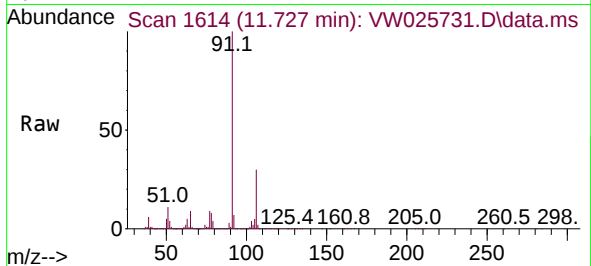
#52
Ethylbenzene
Concen: 19.348 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS

Tgt Ion: 91 Resp: 979810
Ion Ratio Lower Upper
91 100
106 29.6 20.4 37.8

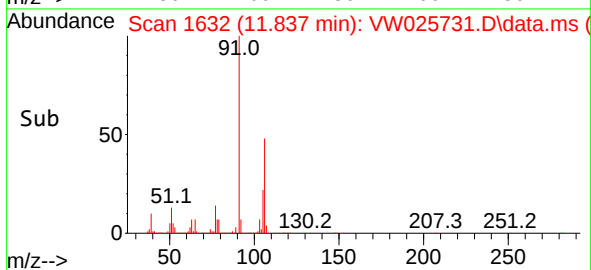
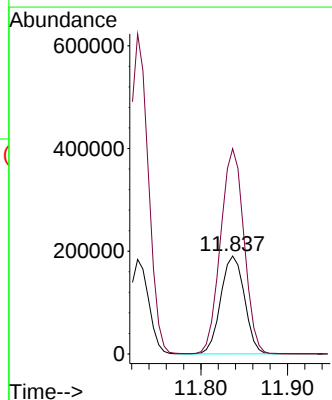
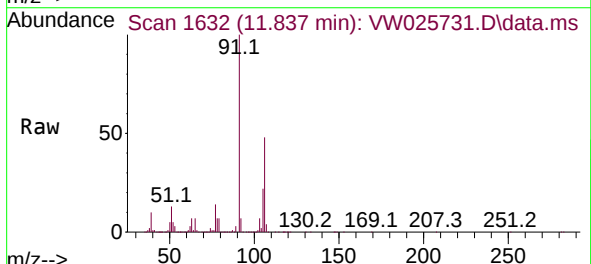
Manual Integrations
APPROVED

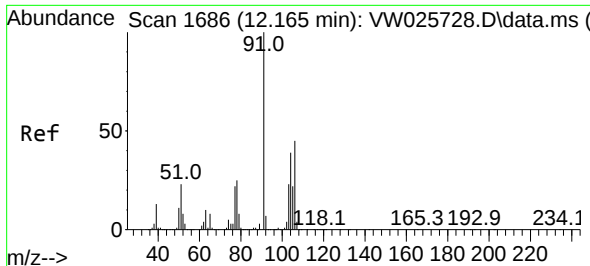
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#53
m,p-Xylene
Concen: 19.362 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

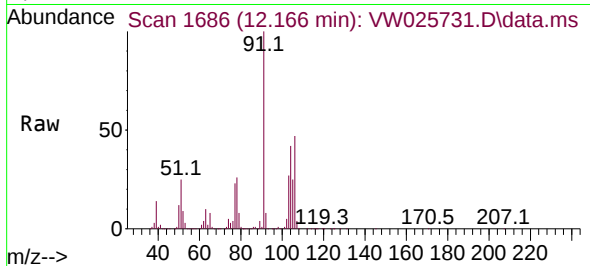
Tgt Ion:106 Resp: 361976
Ion Ratio Lower Upper
106 100
91 209.5 151.1 280.5





#54
o-Xylene
Concen: 19.646 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

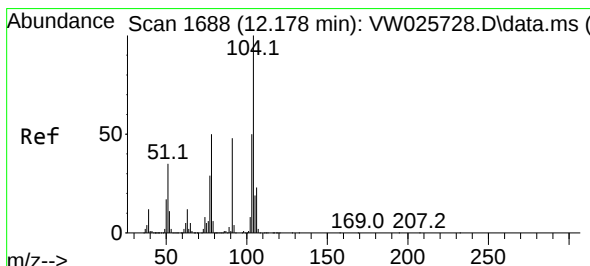
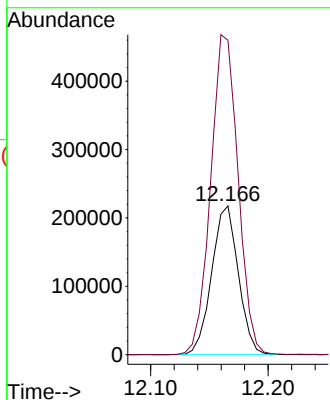
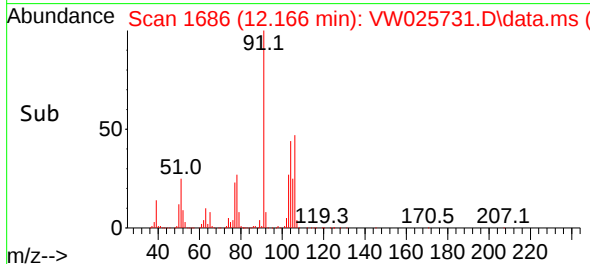
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



Tgt Ion:106 Resp: 342478
Ion Ratio Lower Upper
106 100
91 211.3 150.8 280.1

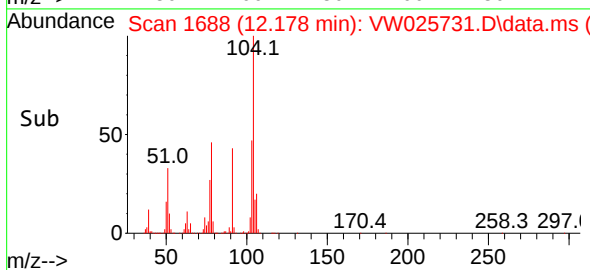
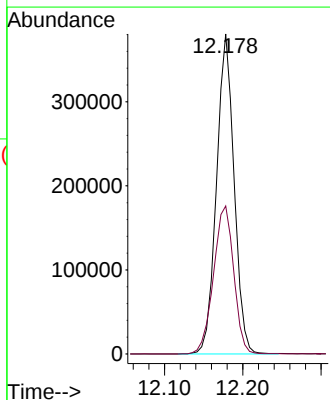
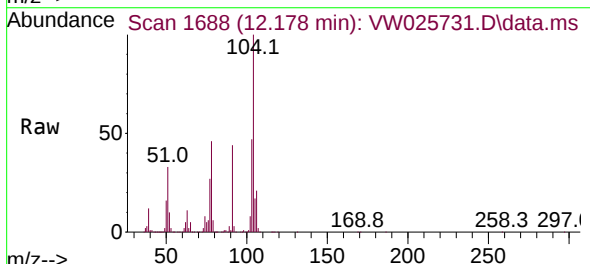
Manual Integrations
APPROVED

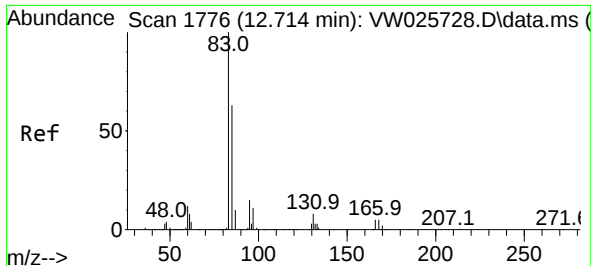
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#55
Styrene
Concen: 20.119 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Tgt Ion:104 Resp: 594555
Ion Ratio Lower Upper
104 100
78 46.3 34.2 63.6





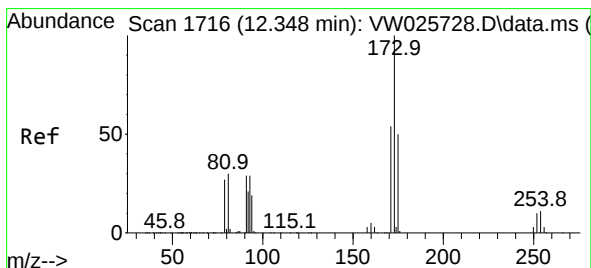
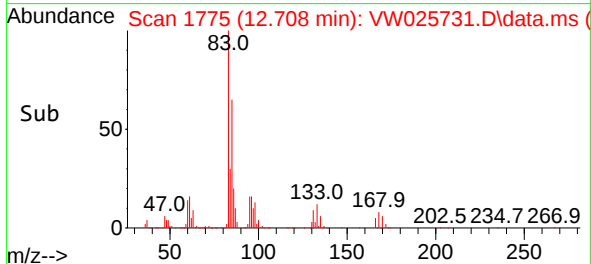
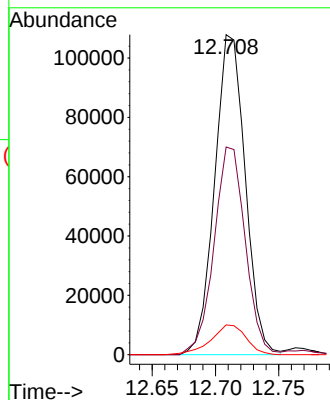
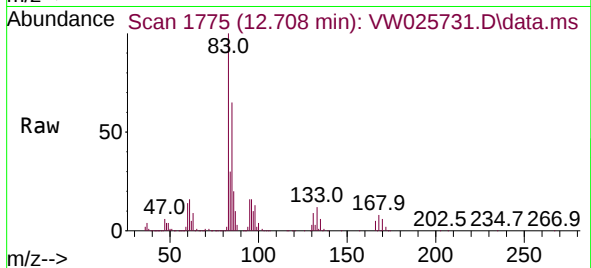
#57
1,1,2,2-Tetrachloroethane
Concen: 19.151 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS

Tgt Ion: 83 Resp: 18134
Ion Ratio Lower Upper
83 100
85 64.9 42.2 78.4
131 9.3 6.6 9.8

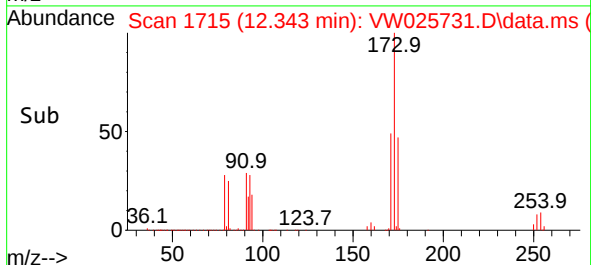
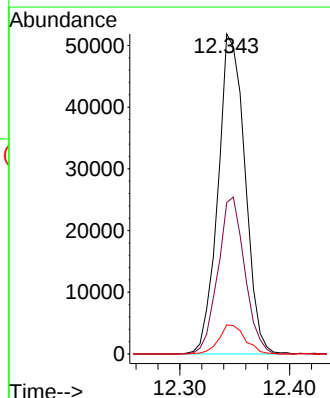
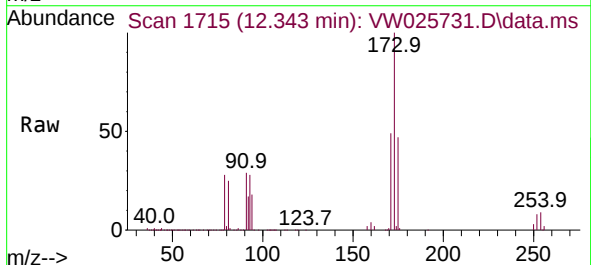
Manual Integrations
APPROVED

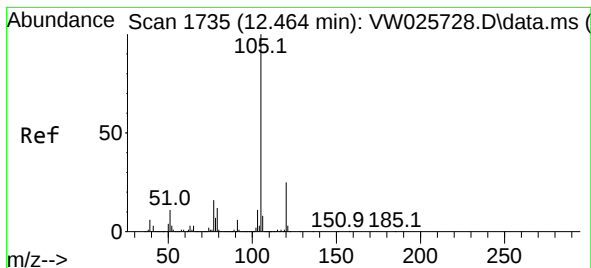
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#59
Bromoform
Concen: 19.802 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Tgt Ion:173 Resp: 88472
Ion Ratio Lower Upper
173 100
175 48.7 39.4 59.2
254 8.9 7.8 11.6





#60

Isopropylbenzene

Concen: 19.147 ug/L

RT: 12.465 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW025731.D

Acq: 27 Apr 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

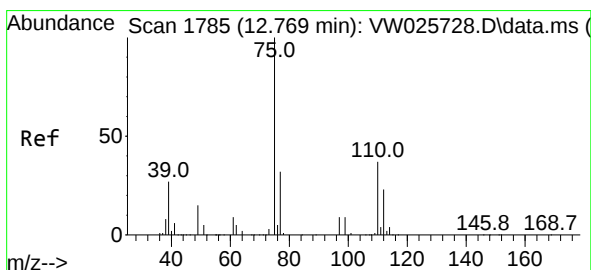
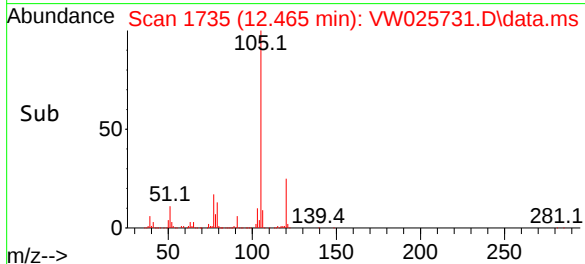
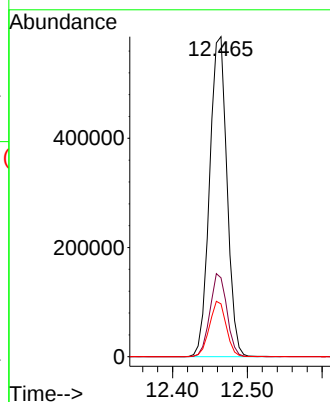
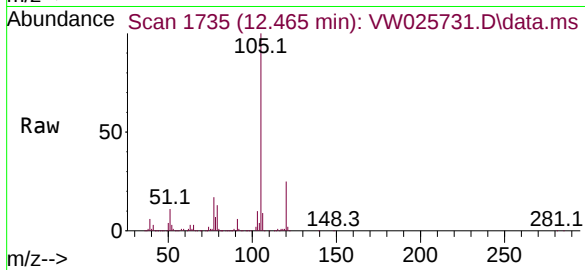
DCCC0MS

Tgt Ion:	105	Resp:	948284
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.9	31.3
77	16.7	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#61

1,2,3-Trichloropropane

Concen: 19.254 ug/L

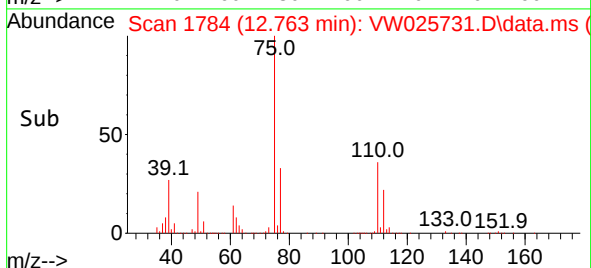
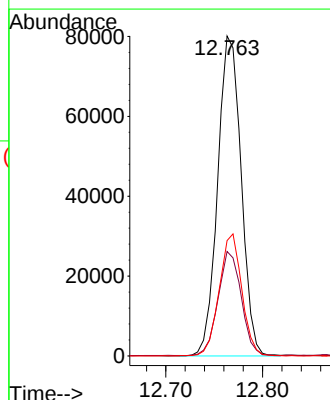
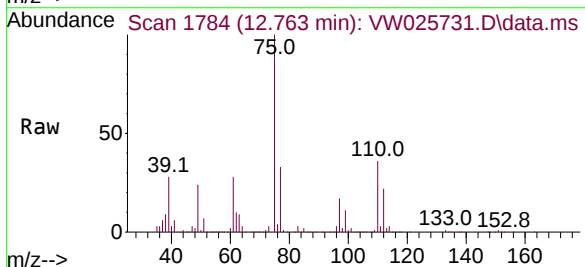
RT: 12.763 min Scan# 1784

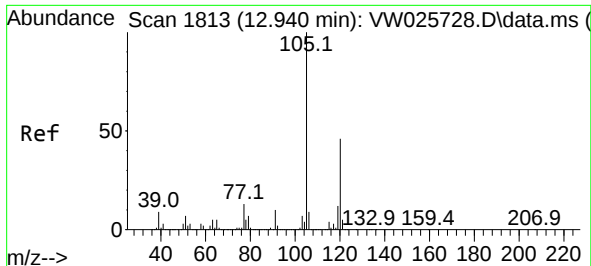
Delta R.T. -0.000 min

Lab File: VW025731.D

Acq: 27 Apr 2023 18:00

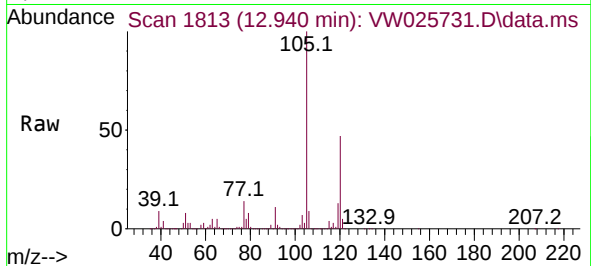
Tgt Ion:	75	Resp:	135031
Ion Ratio	Lower	Upper	
75	100		
77	32.0	25.3	37.9
110	36.7	28.7	43.1





#62
1,3,5-Trimethylbenzene
Concen: 19.702 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

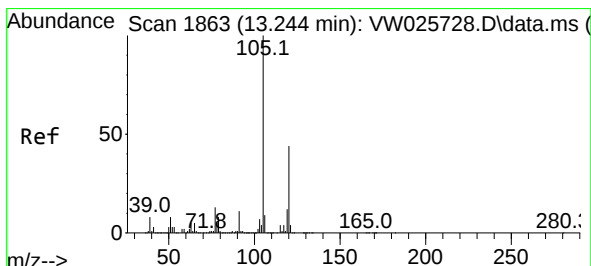
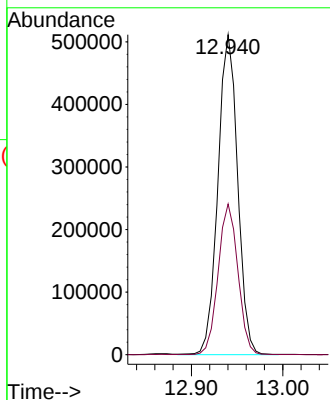
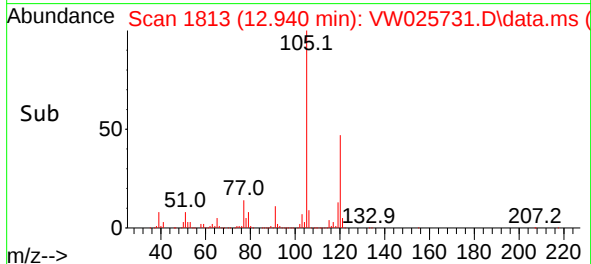
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



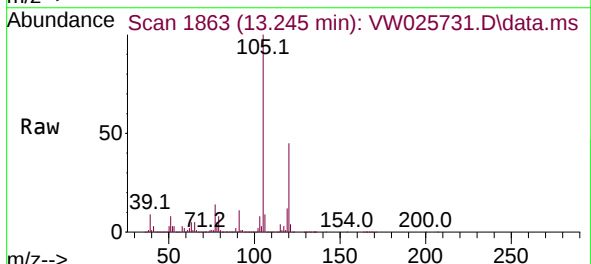
Tgt Ion:105 Resp: 767220
Ion Ratio Lower Upper
105 100
120 47.0 39.0 58.6

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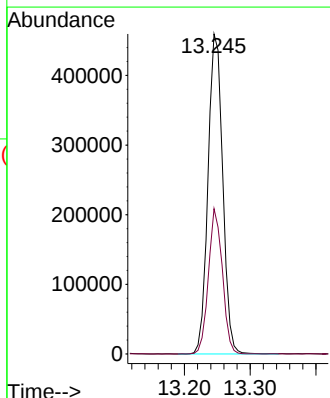
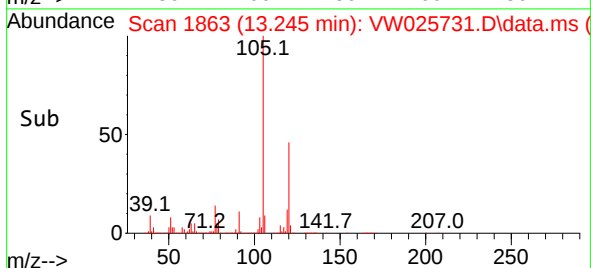
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

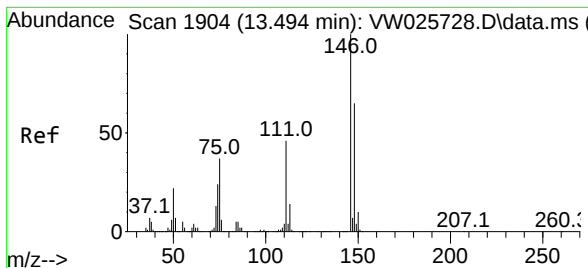


#63
1,2,4-Trimethylbenzene
Concen: 20.331 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00



Tgt Ion:105 Resp: 715119
Ion Ratio Lower Upper
105 100
120 43.0 35.7 53.5





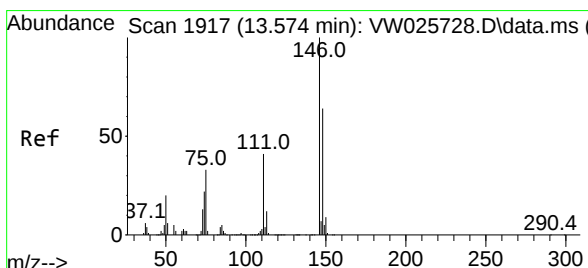
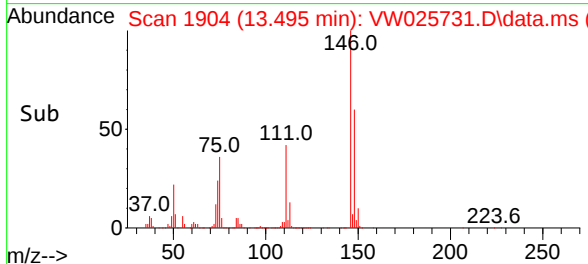
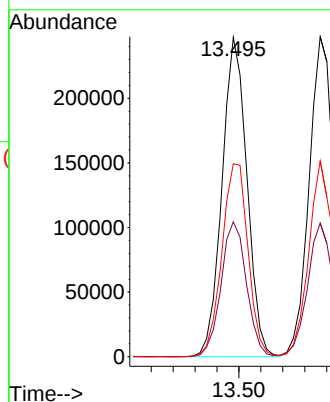
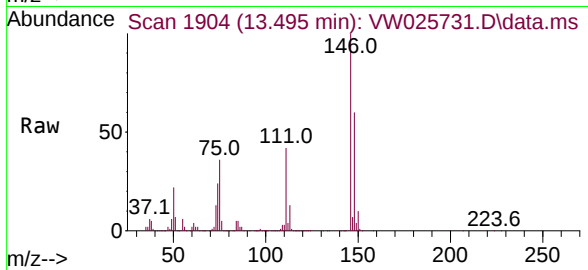
#64
1,3-Dichlorobenzene
Concen: 18.693 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS

Tgt Ion:146 Resp: 39069
Ion Ratio Lower Upper
146 100
111 42.2 33.0 61.4
148 60.4 48.6 90.3

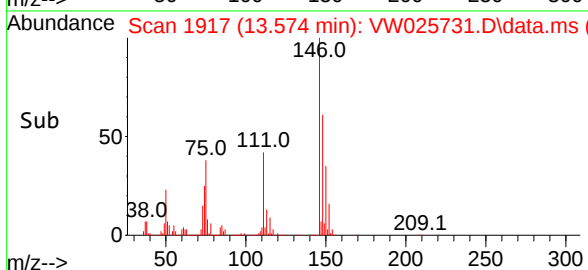
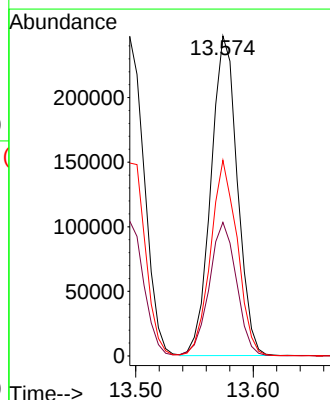
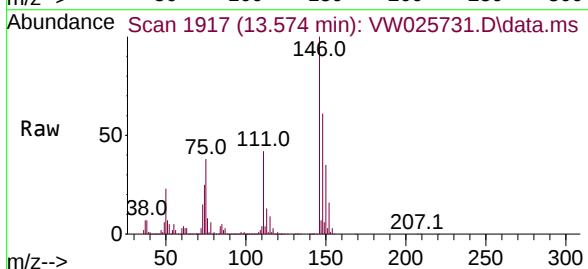
Manual Integrations
APPROVED

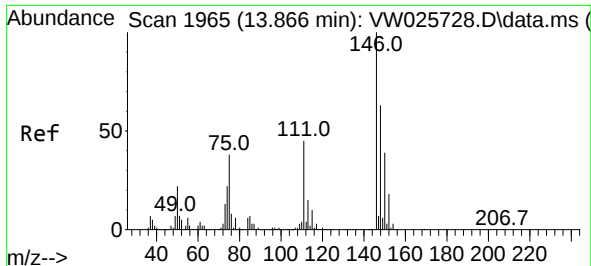
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#65
1,4-Dichlorobenzene
Concen: 18.291 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Tgt Ion:146 Resp: 387612
Ion Ratio Lower Upper
146 100
111 41.8 30.4 56.4
148 61.1 49.3 91.5





#67

1,2-Dichlorobenzene

Concen: 19.006 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025731.D

Acq: 27 Apr 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

DCCC0MS

Tgt Ion:146 Resp: 35045

Ion Ratio Lower Upper

146 100

111 43.5 36.2 54.2

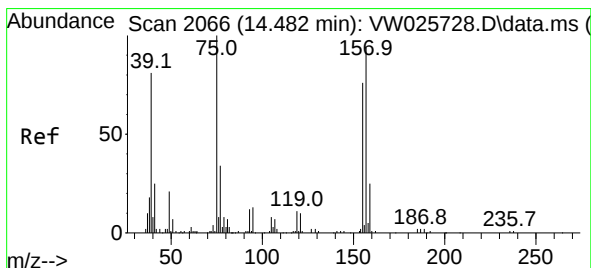
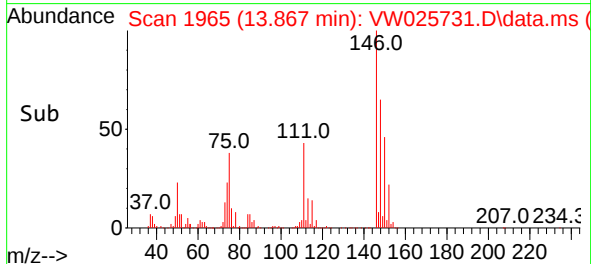
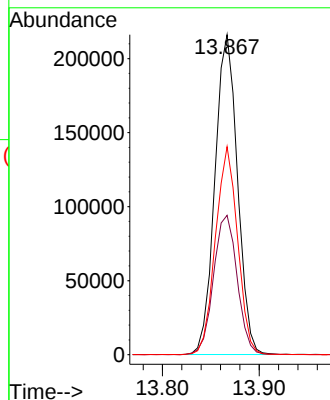
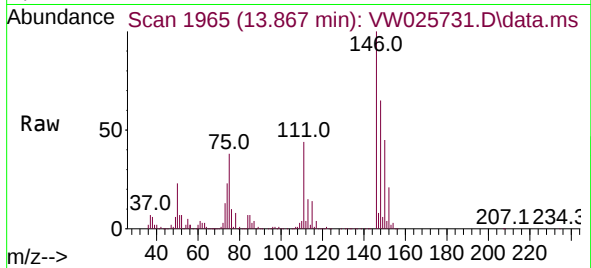
148 65.0 50.2 75.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 19.429 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW025731.D

Acq: 27 Apr 2023 18:00

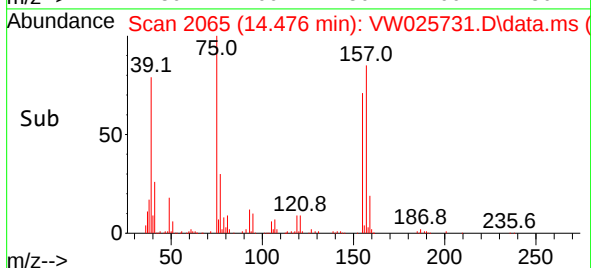
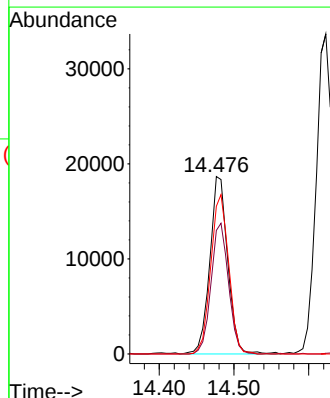
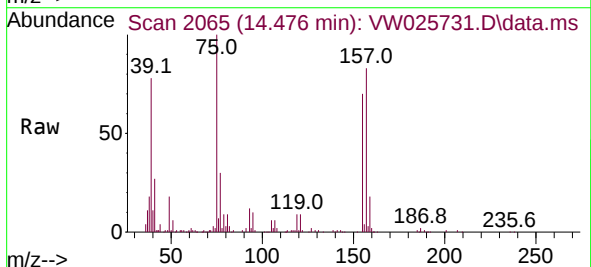
Tgt Ion: 75 Resp: 31196

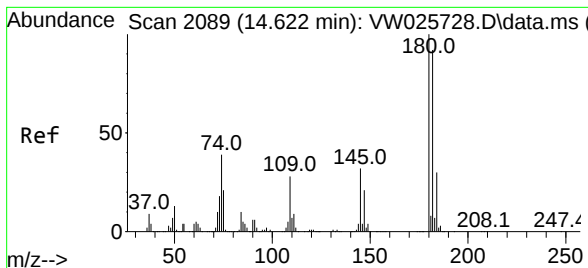
Ion Ratio Lower Upper

75 100

155 69.7 50.3 75.5

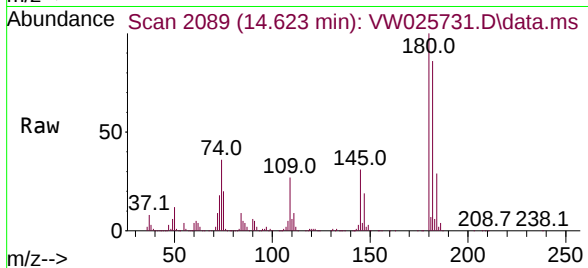
157 83.2 68.4 102.6





#69
1,3,5-Trichlorobenzene
Concen: 18.812 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

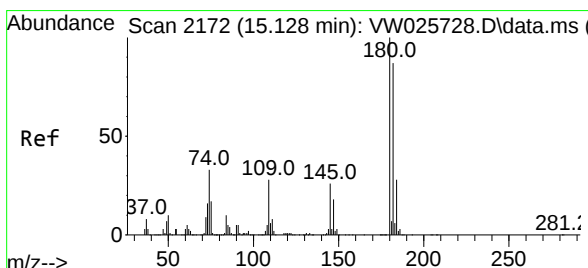
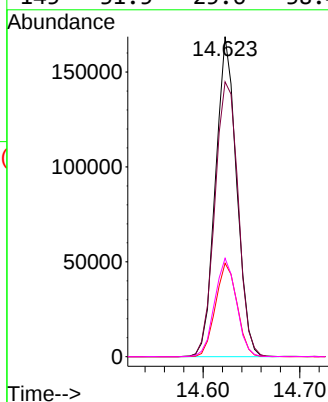
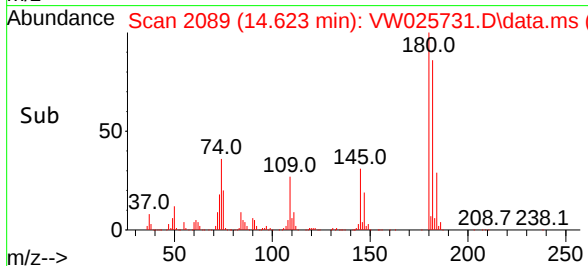
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



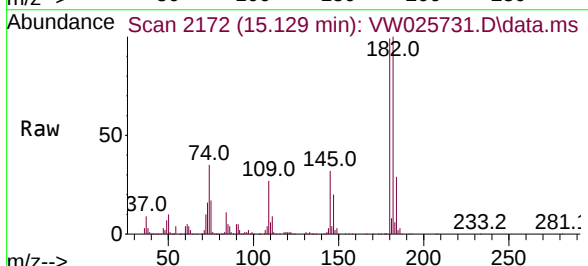
Tgt Ion:180 Resp: 255790
Ion Ratio Lower Upper
180 100
182 94.8 79.0 118.4
184 29.7 23.8 35.8
145 31.5 25.6 38.4

Manual Integrations
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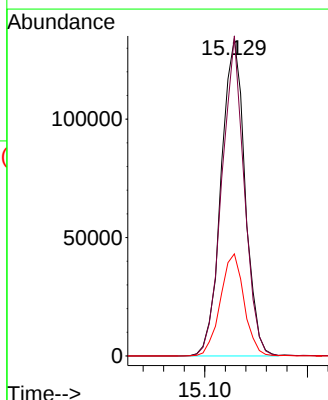
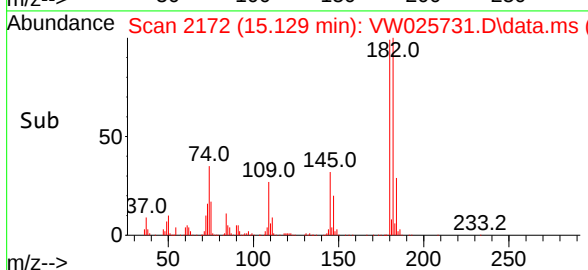
Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

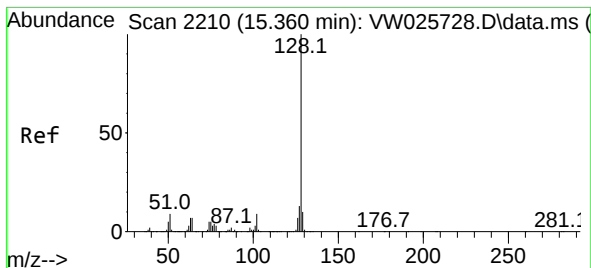


#70
1,2,4-trichlorobenzene
Concen: 18.581 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00



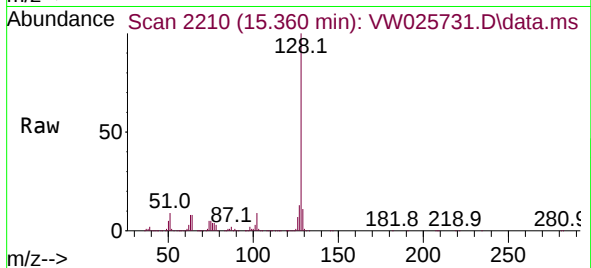
Tgt Ion:180 Resp: 215743
Ion Ratio Lower Upper
180 100
182 94.1 76.7 115.1
145 32.0 26.4 39.6





#71
Naphthalene
Concen: 20.464 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

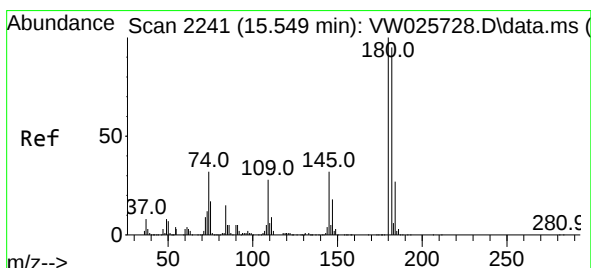
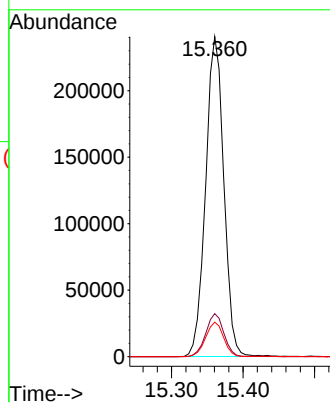
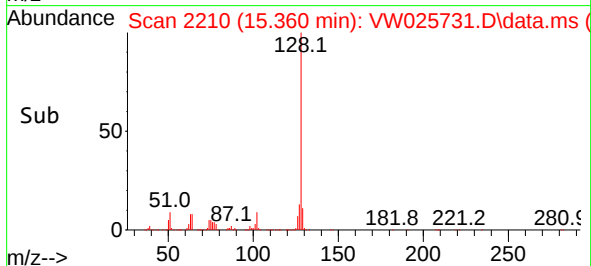
Instrument :
MSVOA_W
ClientSampleId :
DCCC0MS



Tgt Ion:128 Resp: 424384
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#72
1,2,3-Trichlorobenzene
Concen: 19.014 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025731.D
Acq: 27 Apr 2023 18:00

Tgt Ion:180 Resp: 194861
Ion Ratio Lower Upper
180 100
182 94.8 75.6 113.4
145 34.1 27.4 41.0

