

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070723\
 Data File : VW026570.D
 Acq On : 07 Jul 2023 15:29
 Operator : SY/MD
 Sample : 03551-05MS
 Misc : 8.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHB3MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Mahesh Dadoda 07/10/2023

Quant Time: Jul 08 05:40:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 08 05:36:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	31729	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	20625	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	7163	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	49503	103.757	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	415.040%#
7) Chloroethane-d5	2.899	69	40210	101.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	407.480%#
11) 1,1-Dichloroethene-d2	4.039	65	23477	105.500	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	422.000%#
21) 2-Butanone-d5	7.106	46	4133m	22.644	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.280%
24) Chloroform-d	7.654	84	69772	74.640	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	298.560%#
26) 1,2-Dichloroethane-d4	8.313	65	21552	39.640	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	158.560%#
32) Benzene-d6	8.276	84	148004	112.549	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	450.200%#
36) 1,2-Dichloropropane-d6	9.276	67	38197	91.105	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	364.440%#
41) Toluene-d8	10.324	98	118794	100.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	402.520%#
43) trans-1,3-Dichloroprop...	10.580	79	7819	45.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	183.920%#
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	13674	37.273	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	149.080%#
66) 1,2-Dichlorobenzene-d4	13.848	152	16584	58.295	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	233.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.003	85	31620	87.437	ug/L	95
3) Chloromethane	2.210	50	23672	40.479	ug/L	94
5) Vinyl chloride	2.369	62	33708	58.526	ug/L	99
6) Bromomethane	2.795	94	13565	40.340	ug/L	98
8) Chloroethane	2.936	64	17945	51.724	ug/L	99
9) Trichlorofluoromethane	3.277	101	41942	113.287	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	28447	65.716	ug/L #	84
12) 1,1-Dichloroethene	4.057	96	21774	54.384	ug/L	86
13) Acetone	4.124	43	190353	1681.588	ug/L	100
14) Carbon disulfide	4.399	76	65314	51.386	ug/L	100
16) Methylene chloride	4.929	84	17763	31.414	ug/L	88
17) trans-1,2-Dichloroethene	5.435	96	19198	42.608	ug/L	91
18) Methyl tert-butyl Ether	5.435	73	10905m	13.843	ug/L	
19) 1,1-Dichloroethane	6.221	63	34507	35.563	ug/L	100
20) cis-1,2-Dichloroethene	7.179	96	15059	29.131	ug/L	91
22) 2-Butanone	7.179	43	9124	43.306	ug/L	94
23) Bromochloromethane	7.526	128	4282	20.001	ug/L #	72
25) Chloroform	7.685	83	28493	32.768	ug/L	100
27) 1,2-Dichloroethane	8.410	62	10938	17.071	ug/L #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	42872	74.613	ug/L	97
30) 1,1,1-Trichloroethane	7.880	97	34663	74.697	ug/L	99
31) Carbon tetrachloride	8.075	117	31081	74.290	ug/L	99
33) Benzene	8.331	78	77511	58.030	ug/L	100
34) Trichloroethene	9.093	95	21244	62.357	ug/L	93
35) Methylcyclohexane	9.343	83	38328	65.864	ug/L	92
37) 1,2-Dichloropropane	9.373	63	15188	41.505	ug/L	98
38) Bromodichloromethane	9.648	83	14485	33.547	ug/L #	96
39) cis-1,3-Dichloropropene	10.074	75	13870	25.706	ug/L	98
40) 4-Methyl-2-pentanone	10.215	43	2880	10.171	ug/L #	74
42) Toluene	10.391	91	66621	49.002	ug/L	98
44) trans-1,3-Dichloropropene	10.611	75	8911	19.706	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	5730	21.302	ug/L	93
46) Tetrachloroethene	10.861	164	20453	85.556	ug/L	83
49) Dibromochloromethane	11.129	129	5926	21.988	ug/L	98
50) 1,2-Dibromoethane	11.233	107	4221	17.111	ug/L #	97
51) Chlorobenzene	11.660	112	30382	34.189	ug/L	92
52) Ethylbenzene	11.733	91	63378	39.476	ug/L	99
53) m,p-Xylene	11.836	106	22477	38.289	ug/L	86
54) o-Xylene	12.166	106	18604	32.709	ug/L	84
55) Styrene	12.184	104	24821	25.519	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	5125	14.553	ug/L #	97
59) Bromoform	12.348	173	2717	24.180	ug/L #	93
60) Isopropylbenzene	12.464	105	64242	58.475	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	3598	19.280	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	37538	41.440	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	30494	34.995	ug/L	98
64) 1,3-Dichlorobenzene	13.501	146	15603	33.382	ug/L	85
65) 1,4-Dichlorobenzene	13.580	146	13937	29.904	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	10425	23.676	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.482	75	513m	10.901	ug/L	
69) 1,3,5-Trichlorobenzene	14.622	180	6016	19.350	ug/L	99
70) 1,2,4-trichlorobenzene	15.135	180	2222	8.761	ug/L	94
71) Naphthalene	15.360	128	1369m	2.412	ug/L	
72) 1,2,3-Trichlorobenzene	15.555	180	743	3.279	ug/L #	72

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

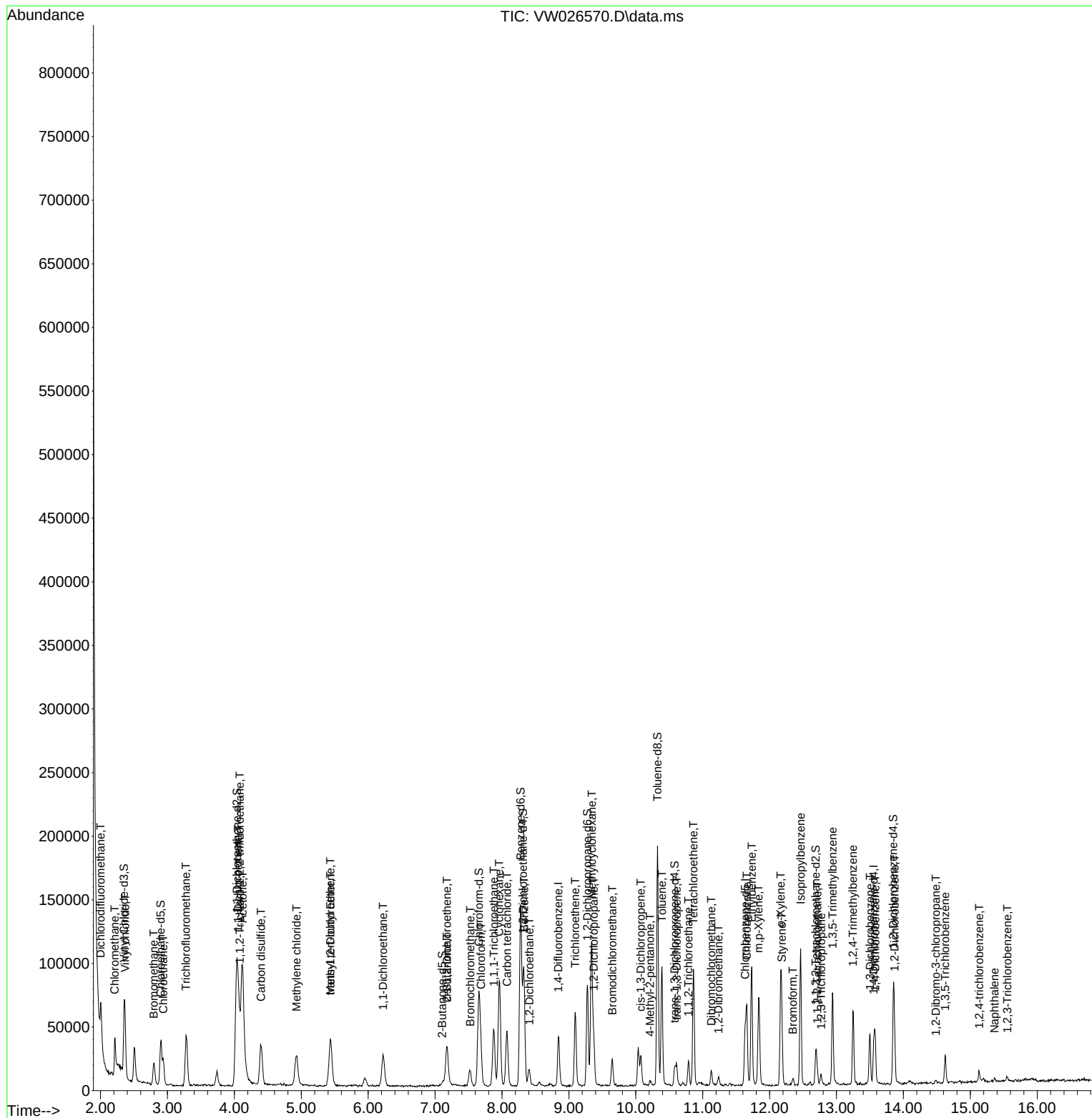
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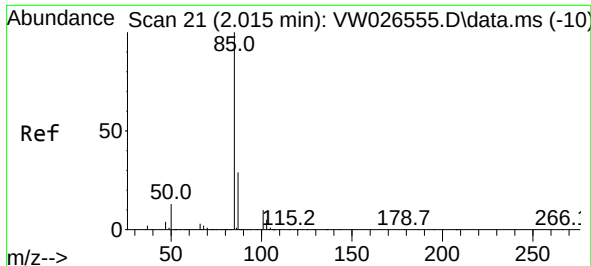
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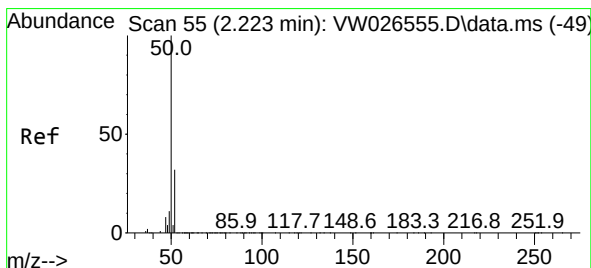
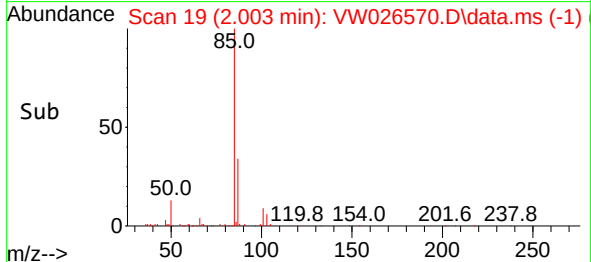
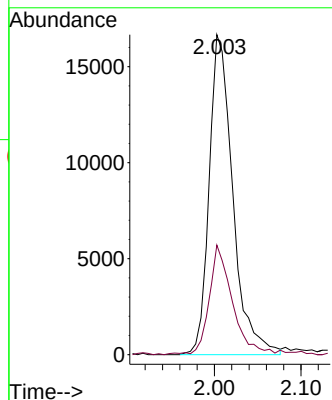
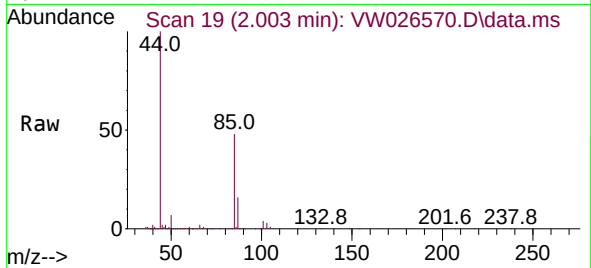
#2
Dichlorodifluoromethane
Concen: 87.437 ug/L
RT: 2.003 min Scan# 19
Delta R.T. -0.013 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS

Tgt Ion: 85 Resp: 31620
Ion Ratio Lower Upper
85 100
87 32.6 23.8 35.8

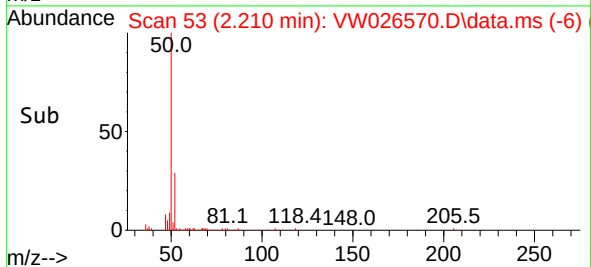
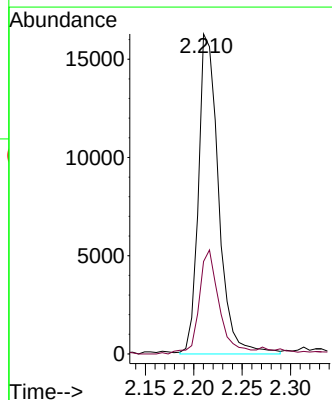
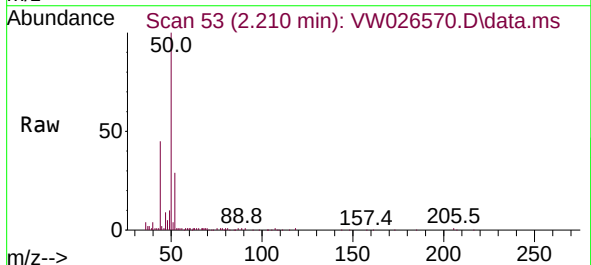
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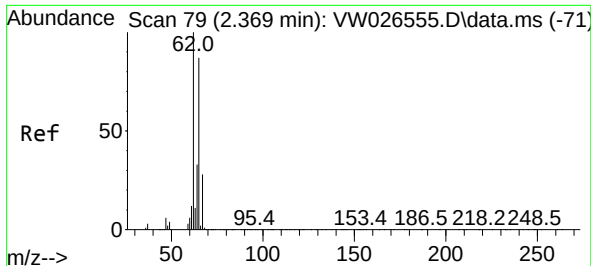
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#3
Chloromethane
Concen: 40.479 ug/L
RT: 2.210 min Scan# 53
Delta R.T. -0.013 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

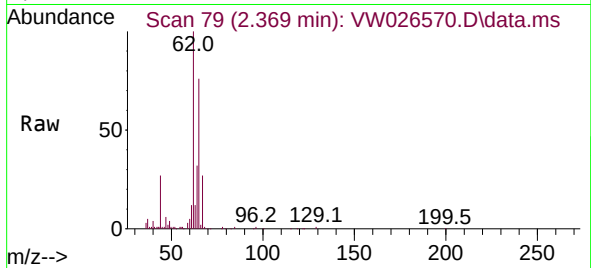
Tgt Ion: 50 Resp: 23672
Ion Ratio Lower Upper
50 100
52 28.9 22.7 42.1





#5
 Vinyl chloride
 Concen: 58.526 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW026570.D
 Acq: 07 Jul 2023 15:29

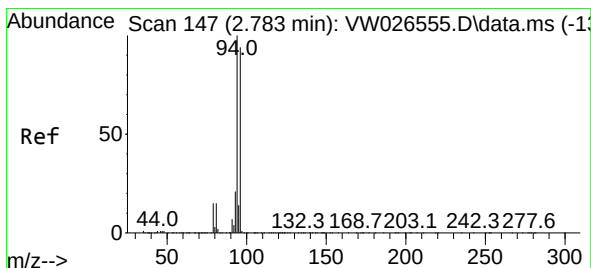
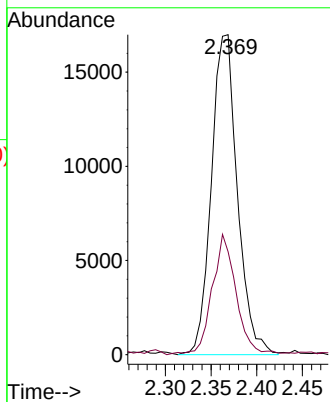
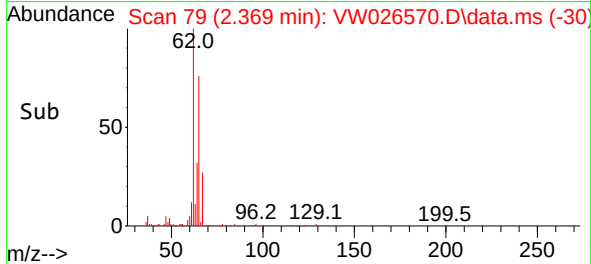
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 MSVOA_W
 ClientSampleId :
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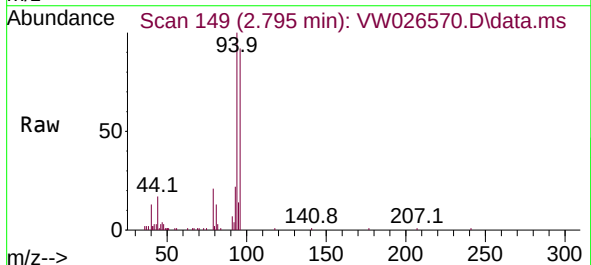
Tgt Ion: 62 Resp: 33708
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.1 41.1

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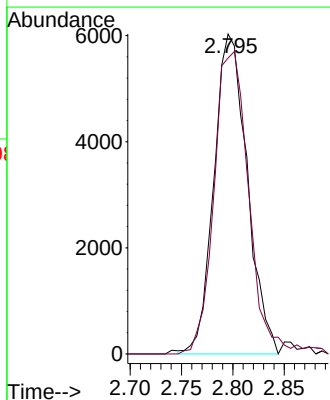
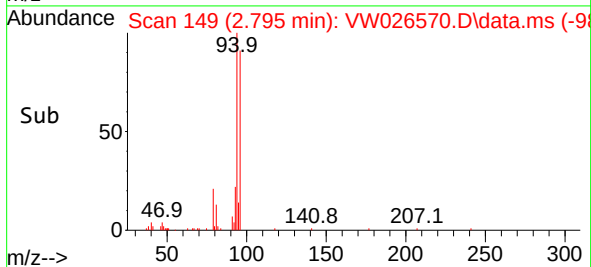
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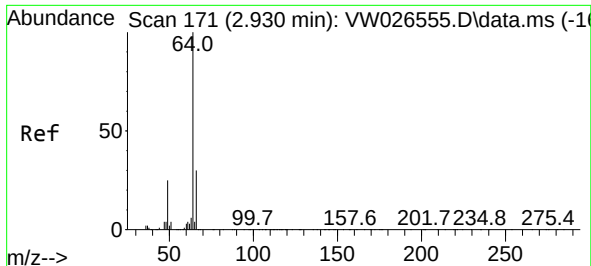


#6
 Bromomethane
 Concen: 40.340 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.012 min
 Lab File: VW026570.D
 Acq: 07 Jul 2023 15:29



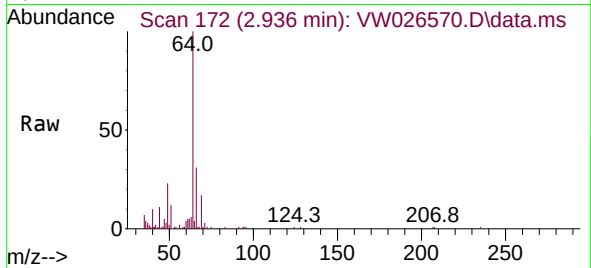
Tgt Ion: 94 Resp: 13565
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.3 123.1





#8
Chloroethane
Concen: 51.724 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

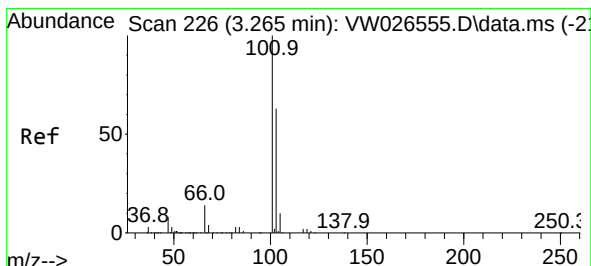
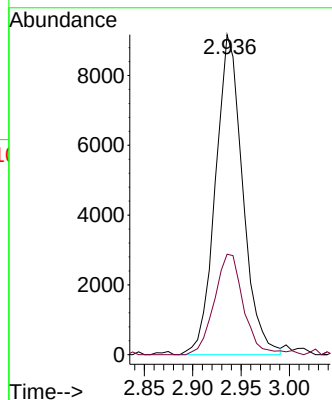
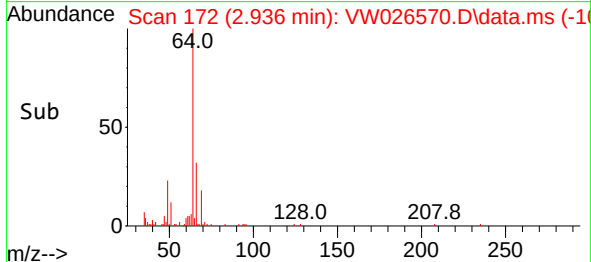
Instrument :
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Tgt Ion: 64 Resp: 1794
Ion Ratio Lower Upper
64 100
66 31.4 21.6 40.2

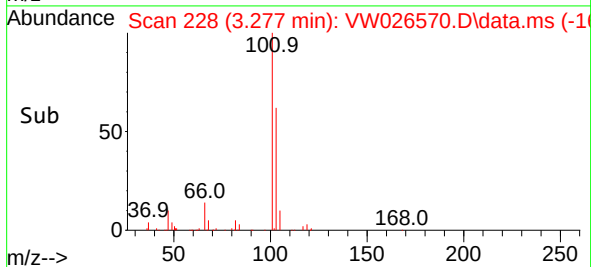
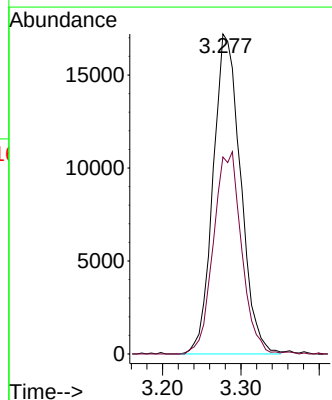
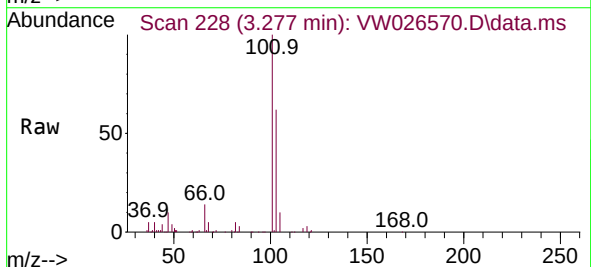
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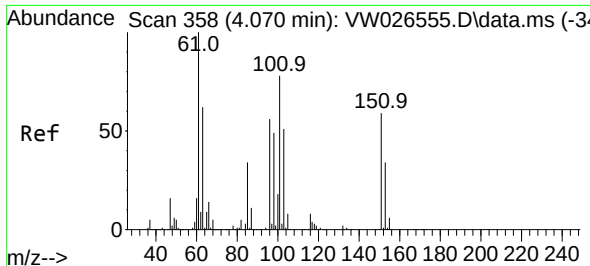
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#9
Trichlorofluoromethane
Concen: 113.287 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.012 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Tgt Ion:101 Resp: 41942
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8





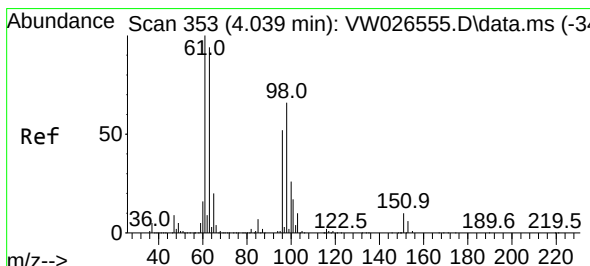
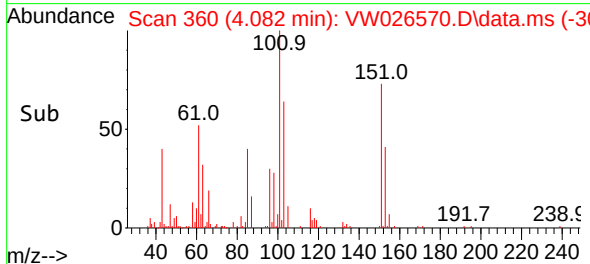
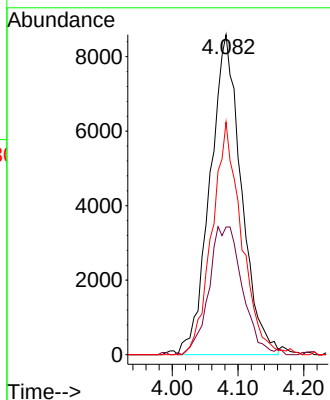
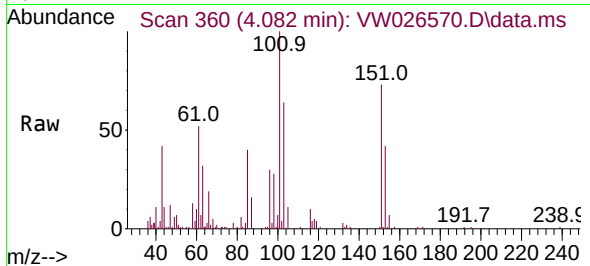
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 65.716 ug/L
RT: 4.082 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW026570.D
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Tgt Ion:101 Resp: 2844
Ion Ratio Lower Upper
101 100
85 19.1 35.4 53.0
151 68.4 55.2 82.8

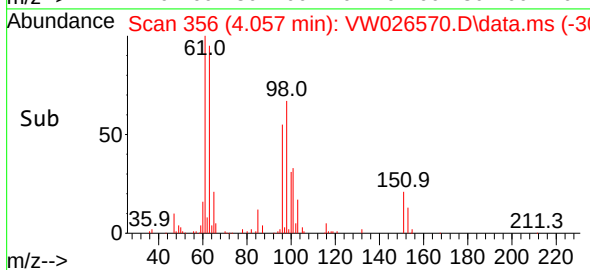
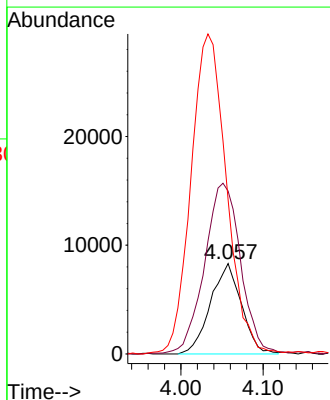
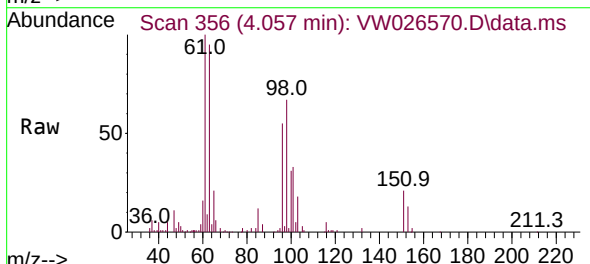
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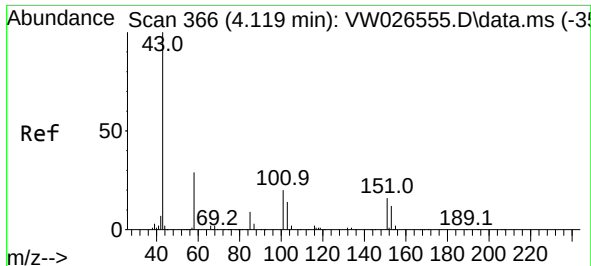
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#12
1,1-Dichloroethene
Concen: 54.384 ug/L
RT: 4.057 min Scan# 356
Delta R.T. 0.018 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

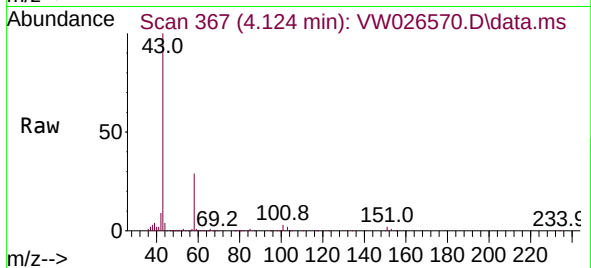
Tgt Ion: 96 Resp: 21774
Ion Ratio Lower Upper
96 100
61 180.2 142.9 265.5
63 170.4 132.7 246.5





#13
Acetone
Concen: 1681.588 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

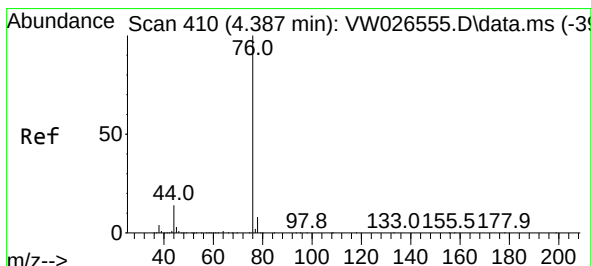
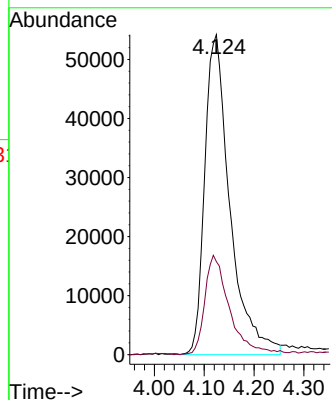
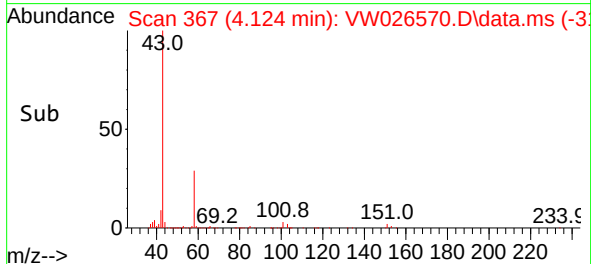
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Tgt Ion: 43 Resp: 19035
Ion Ratio Lower Upper
43 100
58 29.9 0.0 59.6

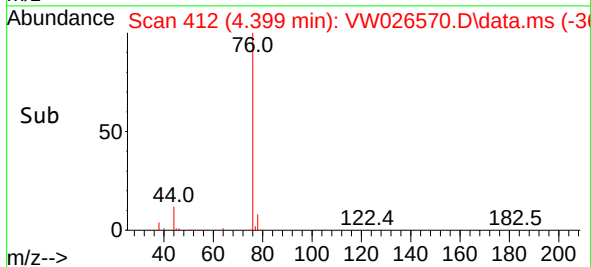
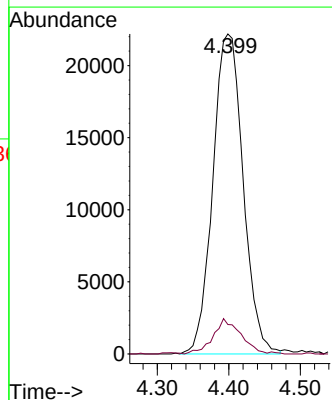
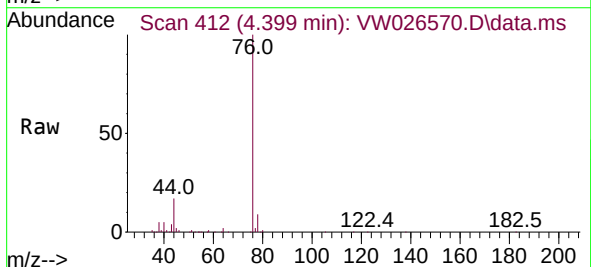
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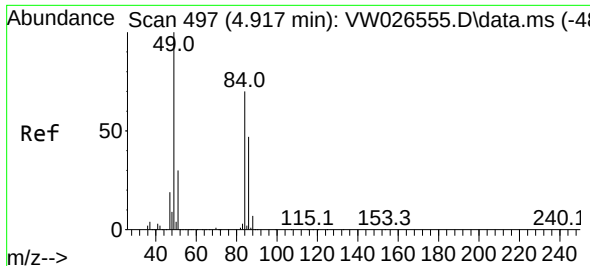
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#14
Carbon disulfide
Concen: 51.386 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

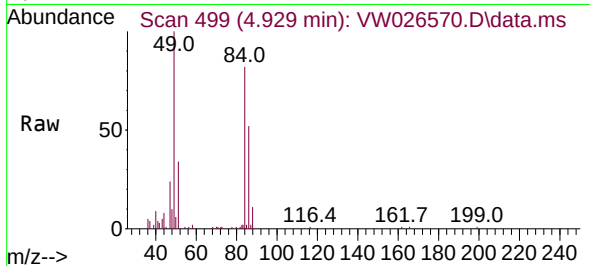
Tgt Ion: 76 Resp: 65314
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





#16
Methylene chloride
Concen: 31.414 ug/L
RT: 4.929 min Scan# 497
Delta R.T. 0.012 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

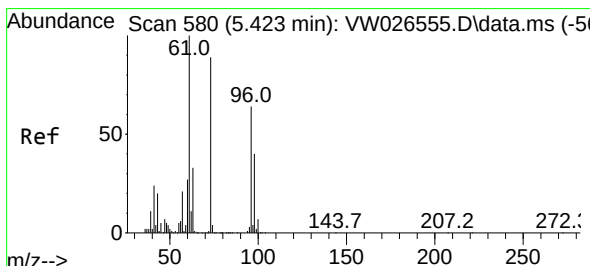
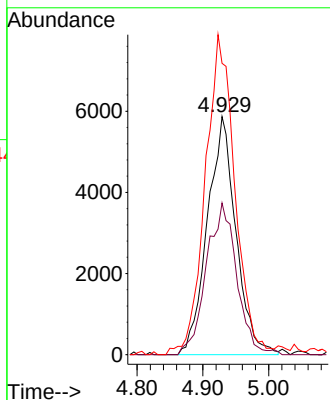
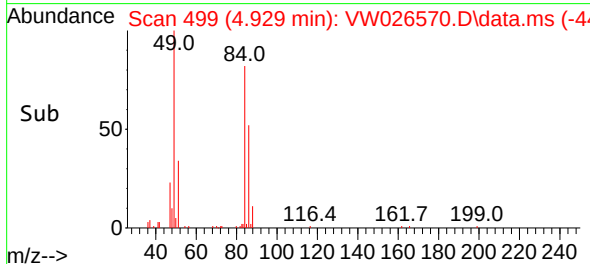
Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS



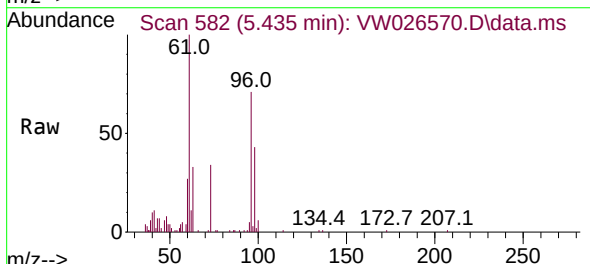
Tgt Ion: 84 Resp: 1776
Ion Ratio Lower Upper
84 100
86 63.7 43.3 80.5
49 122.4 99.3 184.3

Manual Integrations
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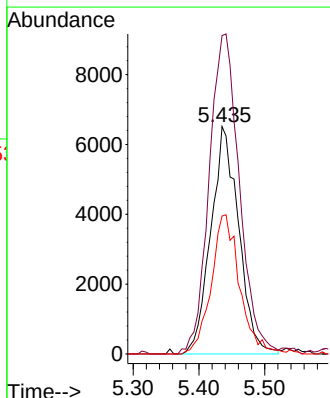
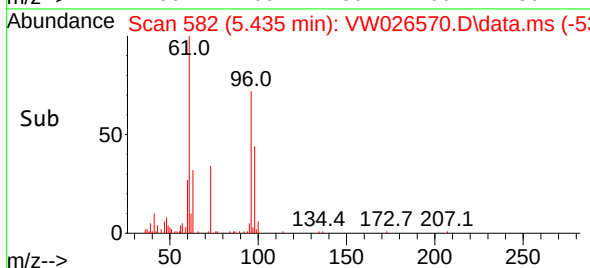
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023

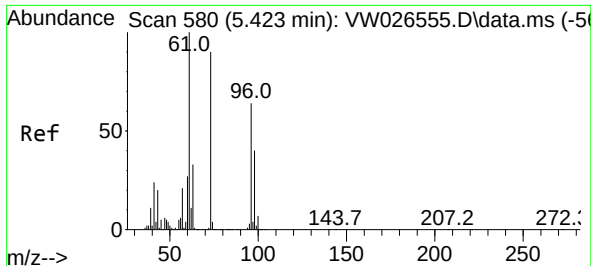


#17
trans-1,2-Dichloroethene
Concen: 42.608 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29



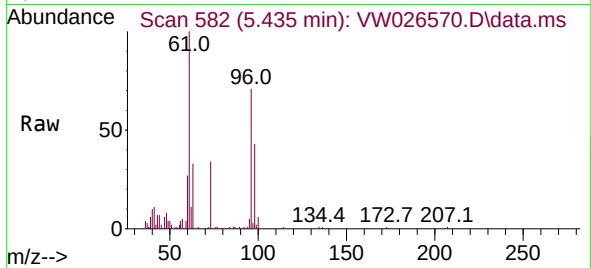
Tgt Ion: 96 Resp: 19198
Ion Ratio Lower Upper
96 100
61 140.0 109.7 203.7
98 60.7 42.5 78.9





#18
Methyl tert-butyl Ether
Concen: 13.843 ug/L m
RT: 5.435 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

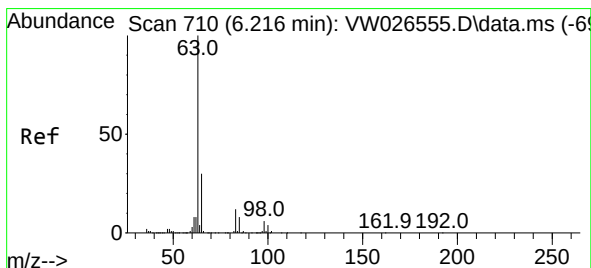
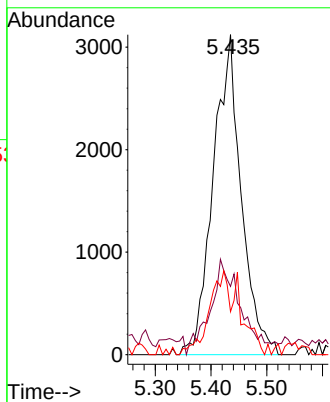
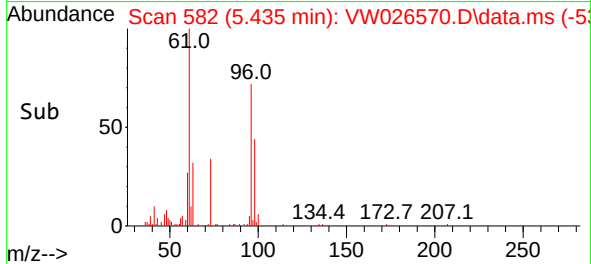
Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS



Tgt Ion: 73 Resp: 1090
Ion Ratio Lower Upper
73 100
43 8.6 17.8 26.8
57 7.7 18.8 28.2

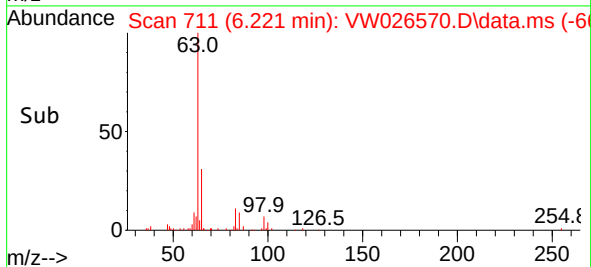
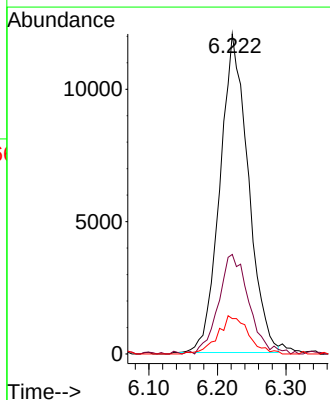
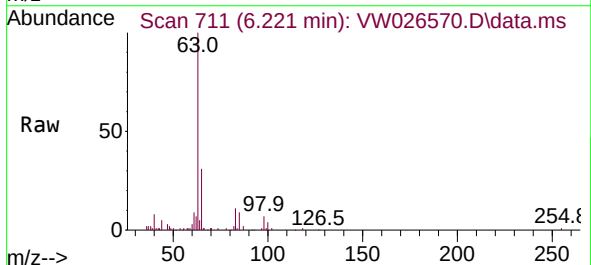
Manual Integrations
APPROVED

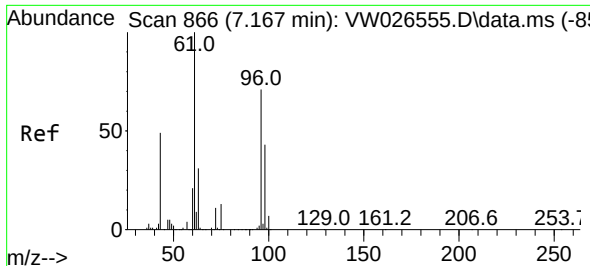
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#19
1,1-Dichloroethane
Concen: 35.563 ug/L
RT: 6.221 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Tgt Ion: 63 Resp: 34507
Ion Ratio Lower Upper
63 100
65 31.1 21.8 40.4
83 12.0 8.6 16.0





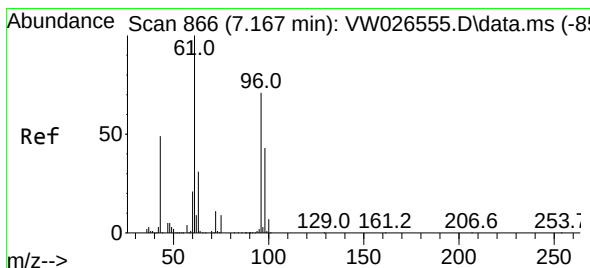
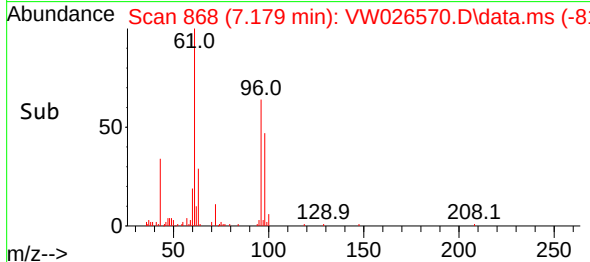
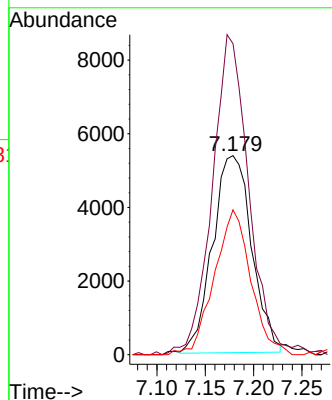
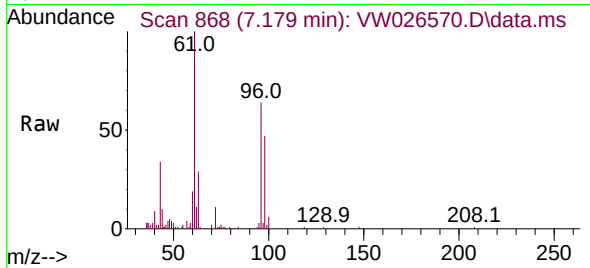
#20
 cis-1,2-Dichloroethene
 Concen: 29.131 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. 0.012 min
 Lab File: VW026570.D
 Acq: 07 Jul 2023 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHB3MS

Tgt Ion: 96 Resp: 1505
 Ion Ratio Lower Upper
 96 100
 61 156.3 101.9 189.3
 98 72.7 45.9 85.3

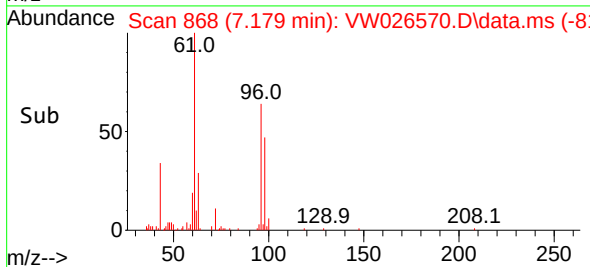
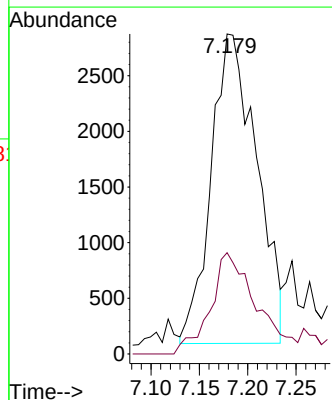
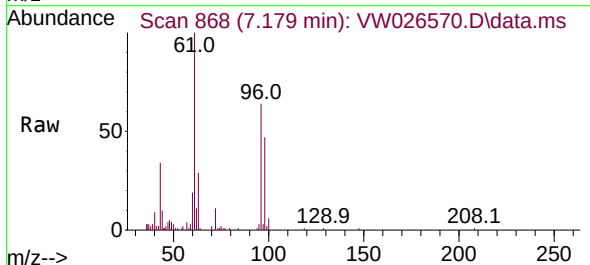
Manual Integrations
 APPROVED

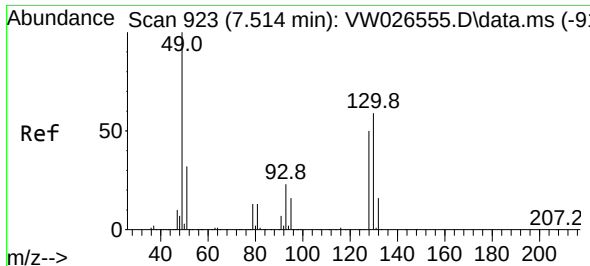
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/10/2023



#22
 2-Butanone
 Concen: 43.306 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. 0.012 min
 Lab File: VW026570.D
 Acq: 07 Jul 2023 15:29

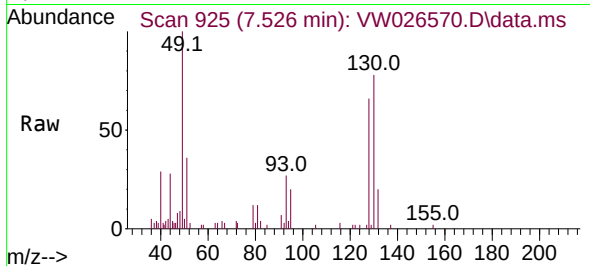
Tgt Ion: 43 Resp: 9124
 Ion Ratio Lower Upper
 43 100
 72 27.0 12.0 36.1





#23
Bromochloromethane
Concen: 20.001 ug/L
RT: 7.526 min Scan# 911
Delta R.T. 0.012 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

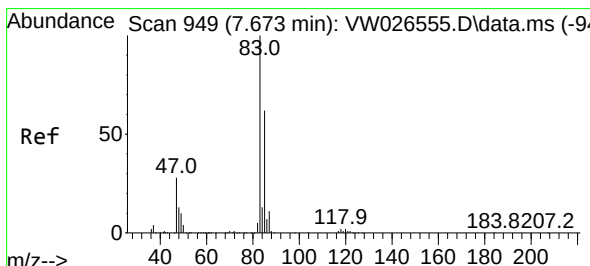
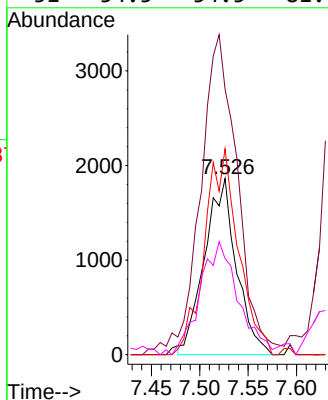
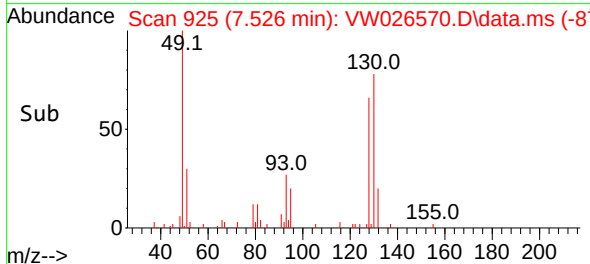
Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS



Tgt Ion:128 Resp: 428
Ion Ratio Lower Upper
128 100
49 150.7 152.2 282.7
130 117.0 89.2 165.8
51 54.5 54.5 81.7

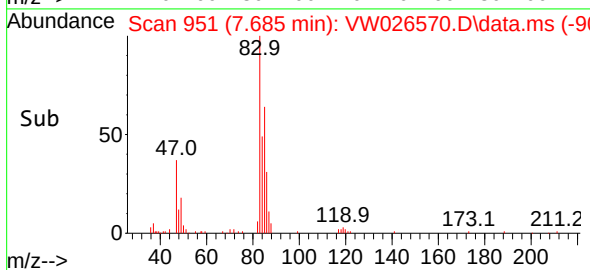
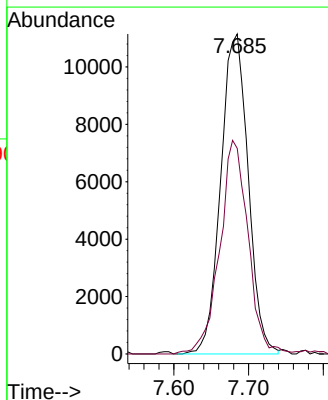
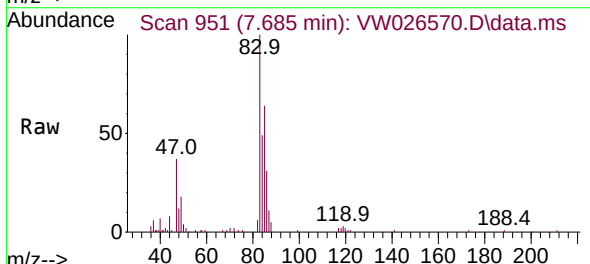
Manual Integrations
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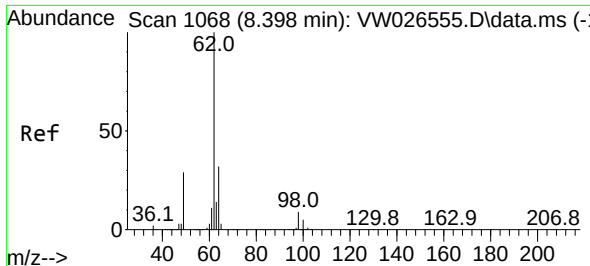
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#25
Chloroform
Concen: 32.768 ug/L
RT: 7.685 min Scan# 951
Delta R.T. 0.012 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Tgt Ion: 83 Resp: 28493
Ion Ratio Lower Upper
83 100
85 64.2 44.8 83.2





#27

1,2-Dichloroethane

Concen: 17.071 ug/L

RT: 8.410 min Scan# 1093

Delta R.T. 0.012 min

Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

DCHB3MS

Tgt Ion: 62 Resp: 1093

Ion Ratio Lower Upper

62 100

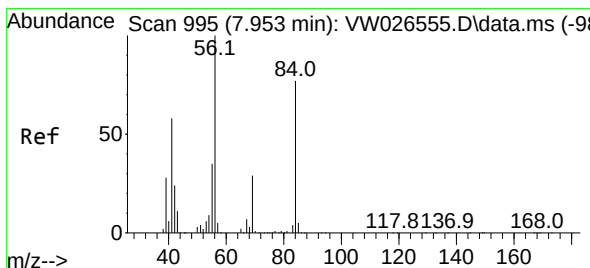
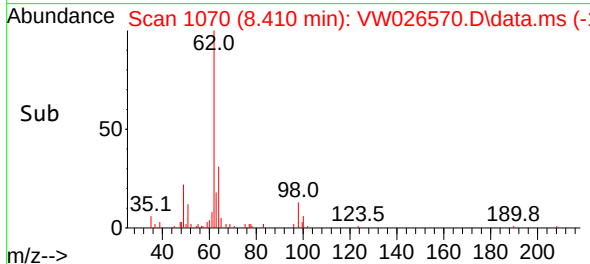
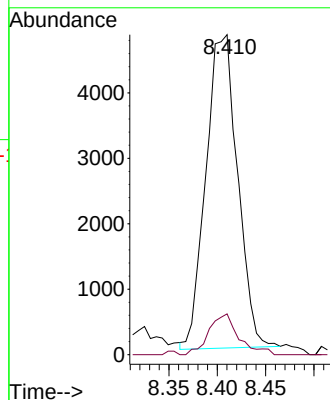
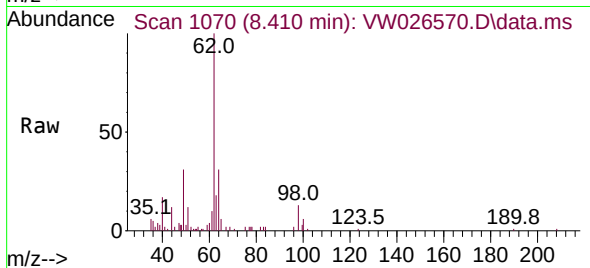
98 12.7 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/10/2023



#29

Cyclohexane

Concen: 74.613 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

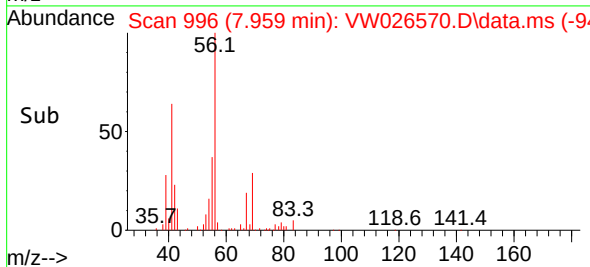
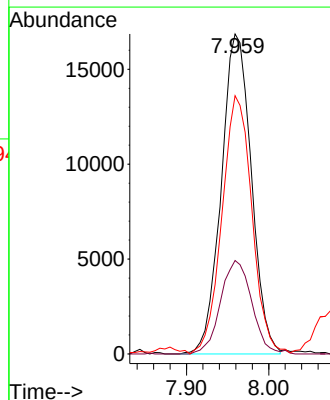
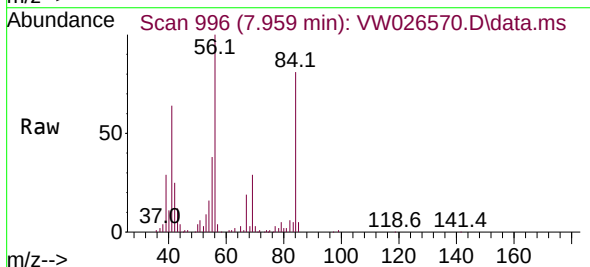
Tgt Ion: 56 Resp: 42872

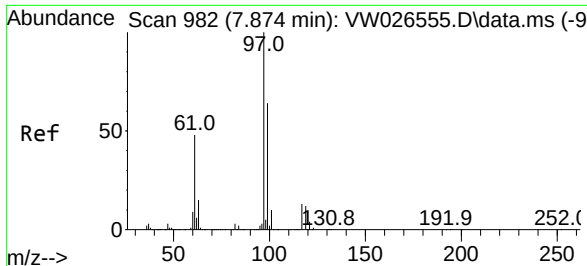
Ion Ratio Lower Upper

56 100

69 30.1 22.9 34.3

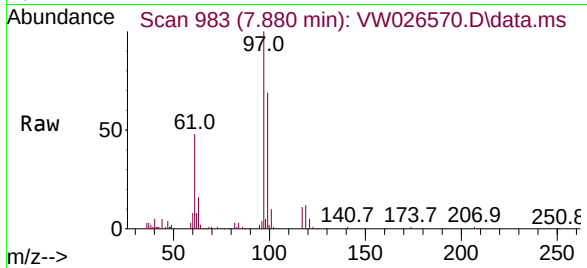
84 80.2 62.5 93.7





#30
1,1,1-Trichloroethane
Concen: 74.697 ug/L
RT: 7.880 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

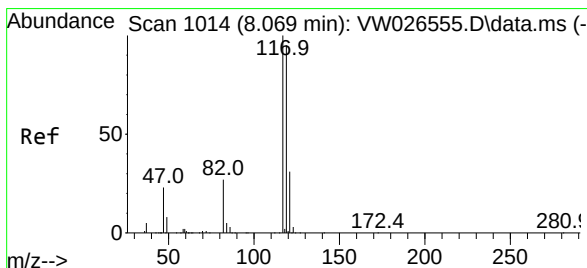
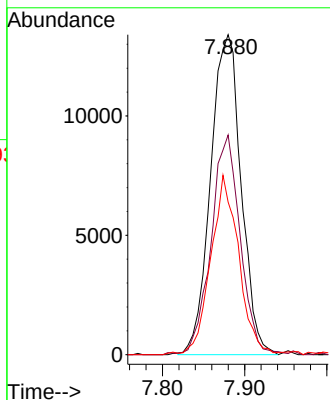
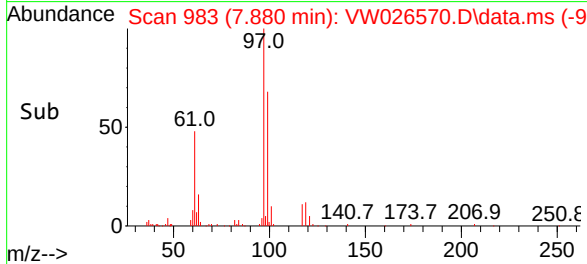
Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS



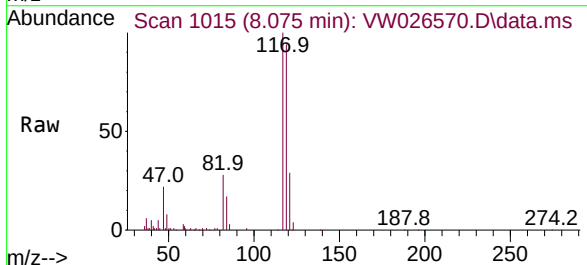
Tgt Ion: 97 Resp: 3466
Ion Ratio Lower Upper
97 100
99 65.4 52.2 78.2
61 51.1 40.2 60.2

Manual Integrations
APPROVED

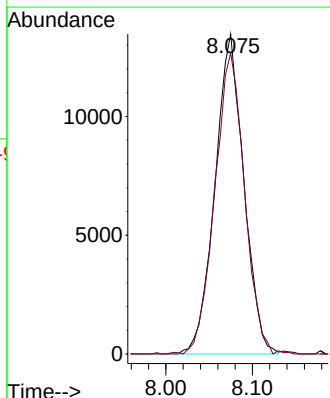
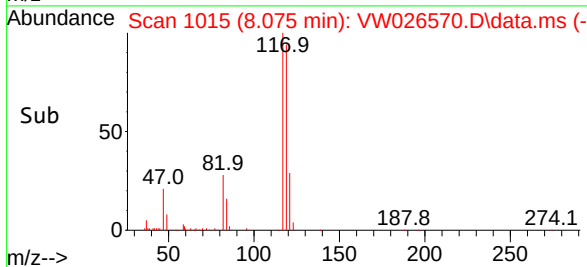
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023

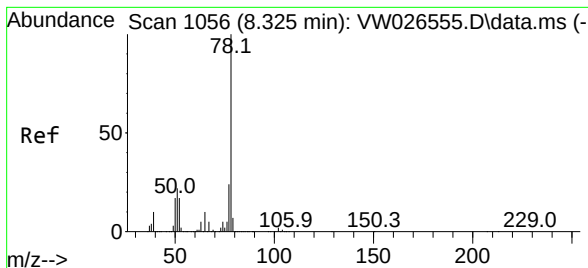


#31
Carbon tetrachloride
Concen: 74.290 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29



Tgt Ion:117 Resp: 31081
Ion Ratio Lower Upper
117 100
119 96.8 76.3 114.5





#33

Benzene

Concen: 58.030 ug/L

RT: 8.331 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

DCHB3MS

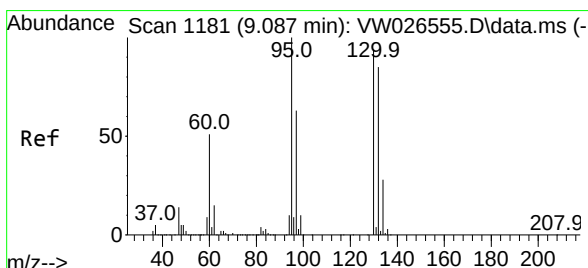
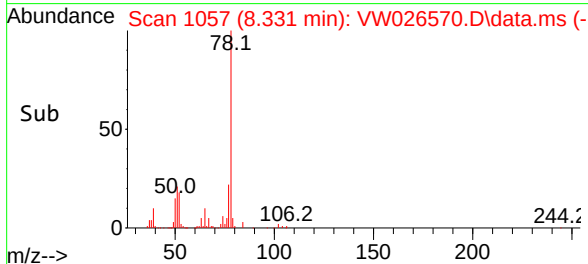
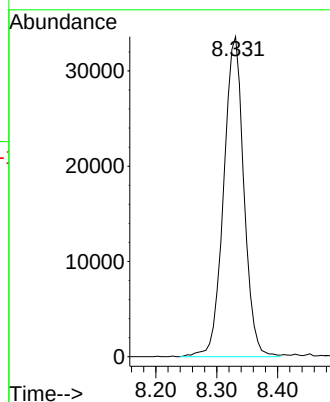
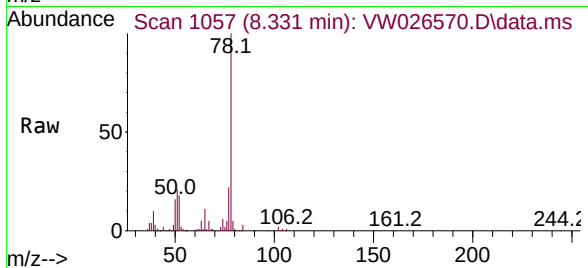
Tgt Ion: 78 Resp: 7751

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/10/2023



#34

Trichloroethene

Concen: 62.357 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

Tgt Ion: 95 Resp: 21244

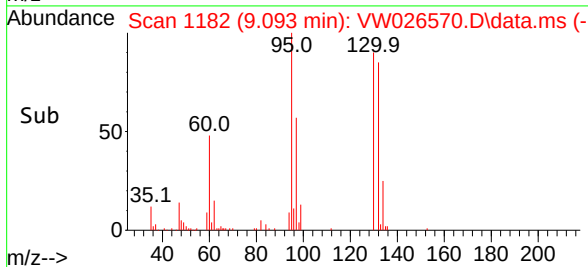
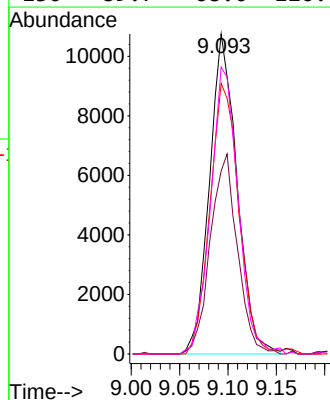
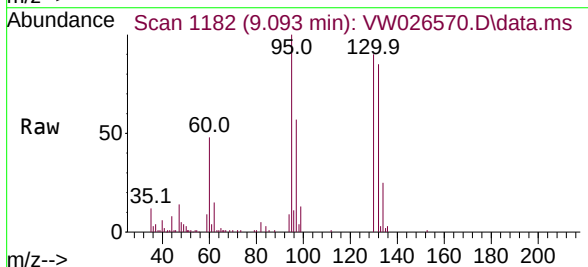
Ion Ratio Lower Upper

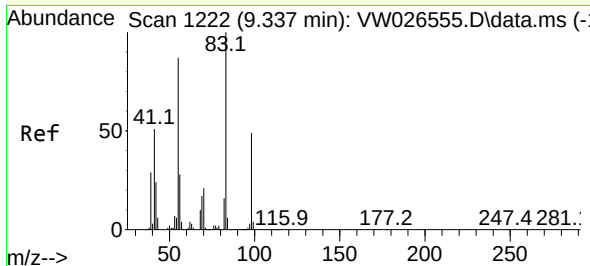
95 100

97 57.2 45.1 83.7

132 84.6 63.2 117.4

130 89.7 68.0 126.4





#35

Methylcyclohexane

Concen: 65.864 ug/L

RT: 9.343 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

DCHB3MS

Tgt Ion: 83 Resp: 38328

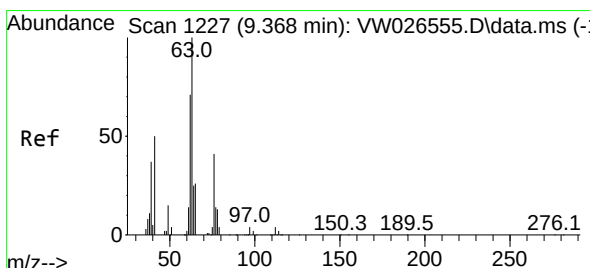
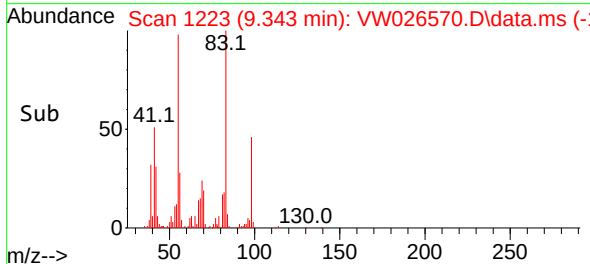
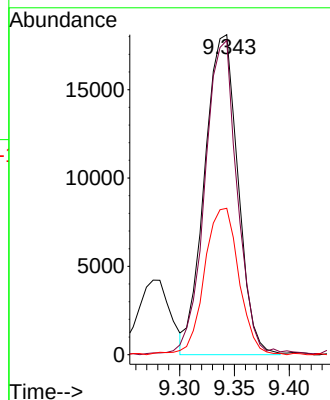
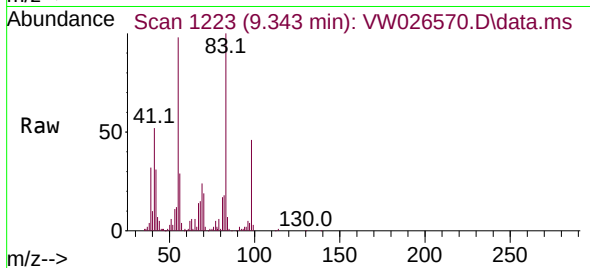
Ion	Ratio	Lower	Upper
83	100		
55	95.4	67.5	101.3
98	46.9	37.3	55.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/10/2023



#37

1,2-Dichloropropane

Concen: 41.505 ug/L

RT: 9.373 min Scan# 1228

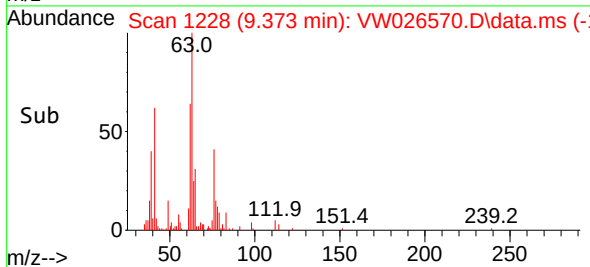
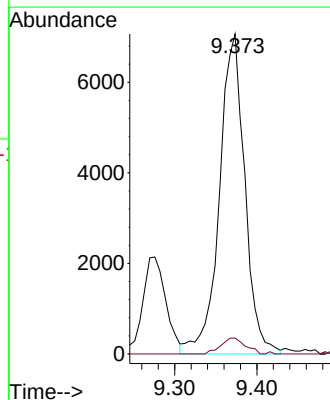
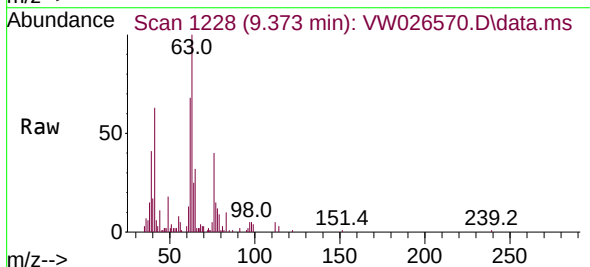
Delta R.T. 0.006 min

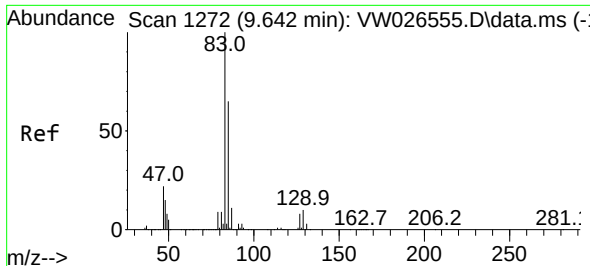
Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

Tgt Ion: 63 Resp: 15188

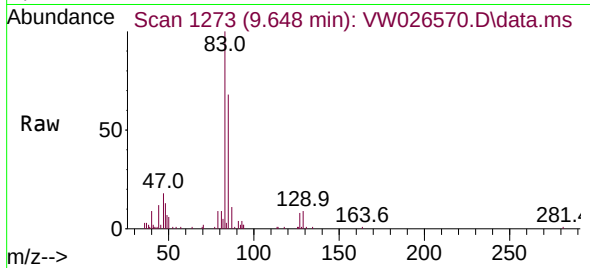
Ion	Ratio	Lower	Upper
63	100		
112	4.8	3.3	4.9





#38
Bromodichloromethane
Concen: 33.547 ug/L
RT: 9.648 min Scan# 1272
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

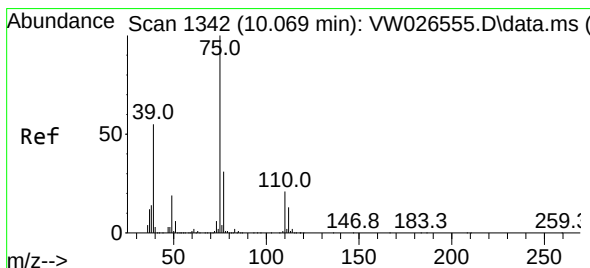
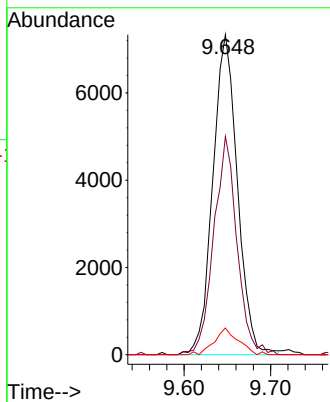
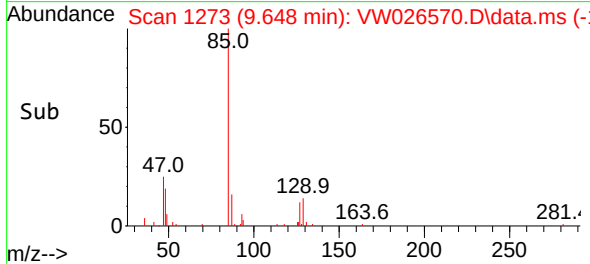
Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS



Tgt Ion: 83 Resp: 1448
Ion Ratio Lower Upper
83 100
85 68.2 45.4 84.2
127 8.3 5.2 7.8

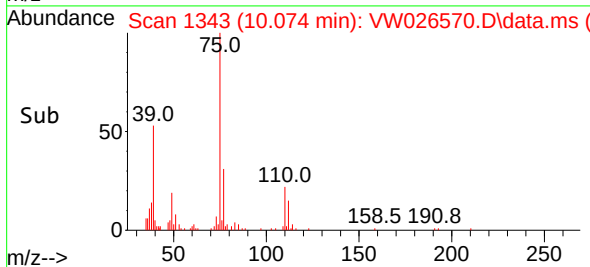
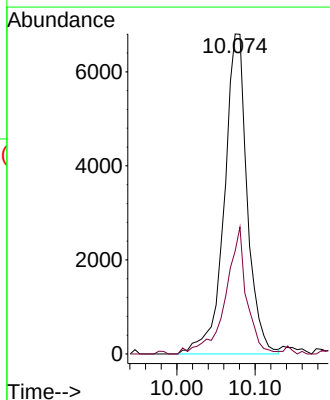
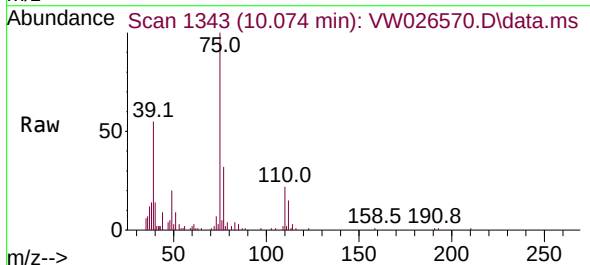
Manual Integrations
APPROVED

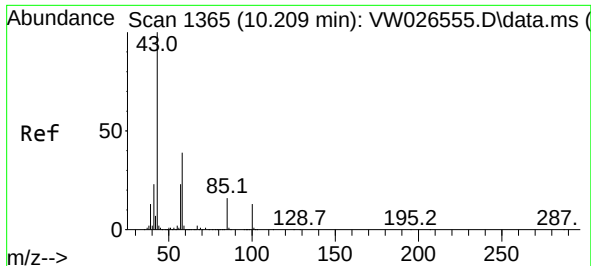
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#39
cis-1,3-Dichloropropene
Concen: 25.706 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

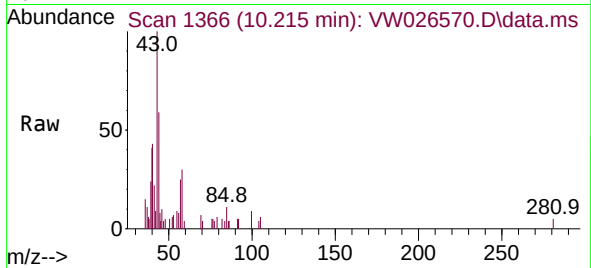
Tgt Ion: 75 Resp: 13870
Ion Ratio Lower Upper
75 100
77 32.1 21.6 40.0





#40
4-Methyl-2-pentanone
Concen: 10.171 ug/L
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

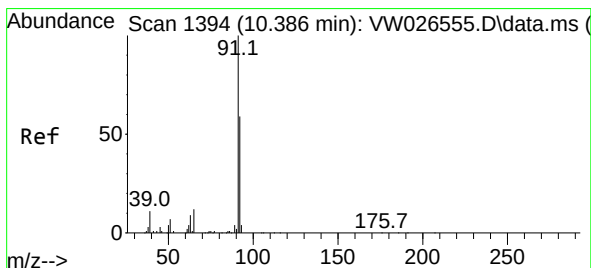
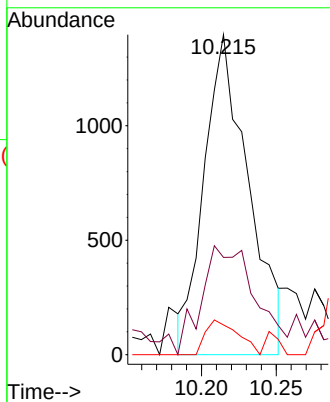
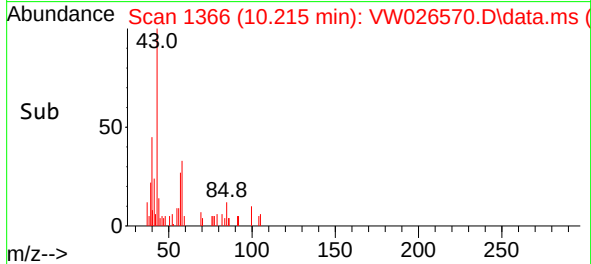
Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS



Tgt Ion: 43 Resp: 2880
Ion Ratio Lower Upper
43 100
58 19.3 29.8 44.8
100 7.9 10.6 15.8

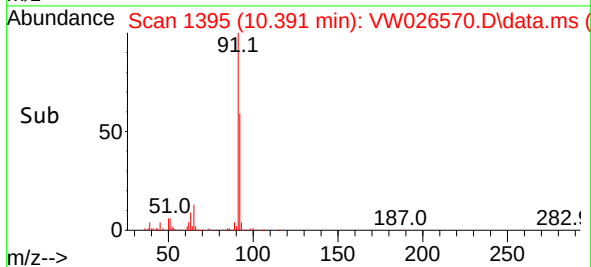
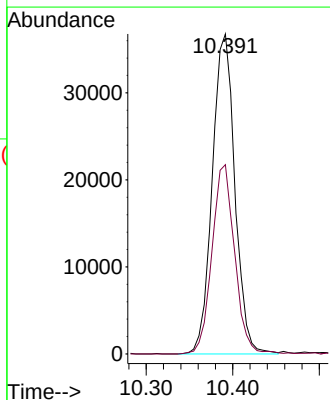
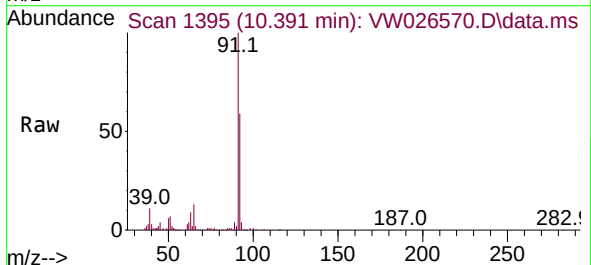
Manual Integrations
APPROVED

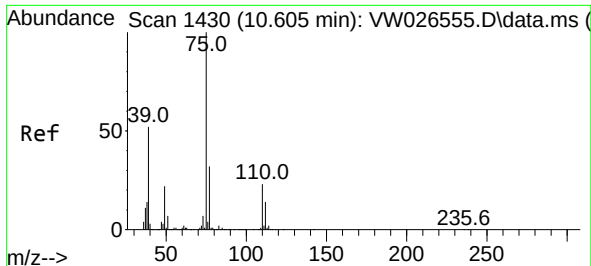
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#42
Toluene
Concen: 49.002 ug/L
RT: 10.391 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Tgt Ion: 91 Resp: 66621
Ion Ratio Lower Upper
91 100
92 59.1 42.4 78.8





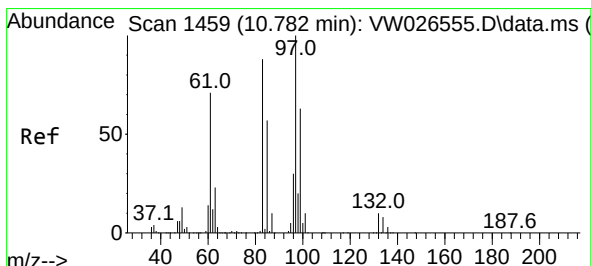
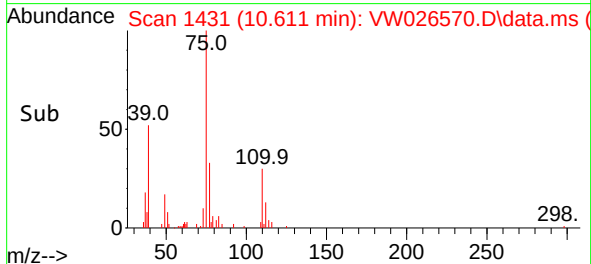
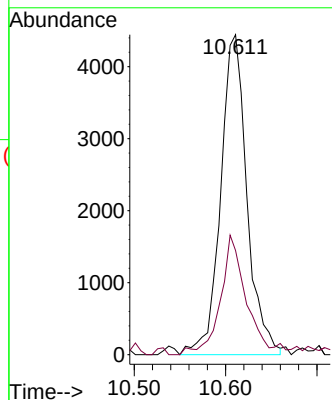
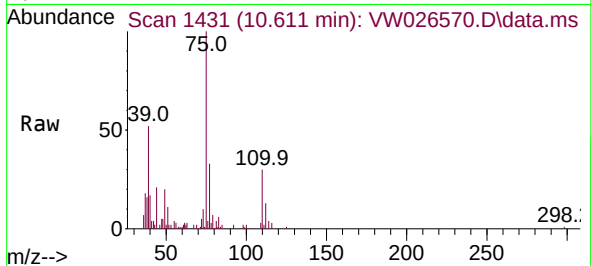
#44
trans-1,3-Dichloropropene
Concen: 19.706 ug/L
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS

Tgt Ion: 75 Resp: 891
Ion Ratio Lower Upper
75 100
77 32.6 22.6 42.0

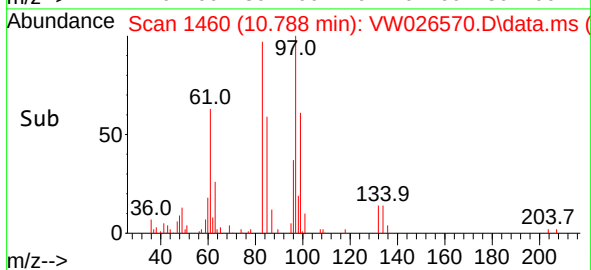
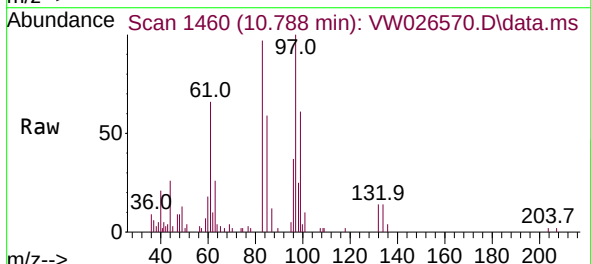
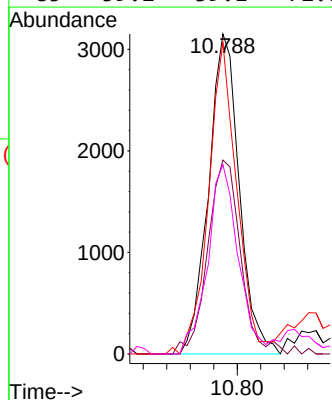
Manual Integrations
APPROVED

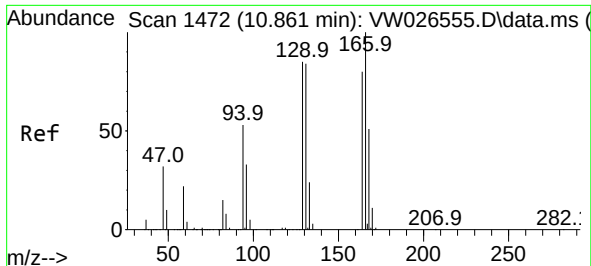
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#45
1,1,2-Trichloroethane
Concen: 21.302 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

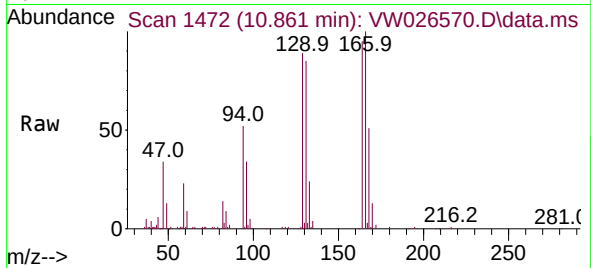
Tgt Ion: 97 Resp: 5730
Ion Ratio Lower Upper
97 100
99 60.6 42.1 78.1
83 97.3 59.9 111.3
85 59.2 39.1 72.7





#46
Tetrachloroethene
Concen: 85.556 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

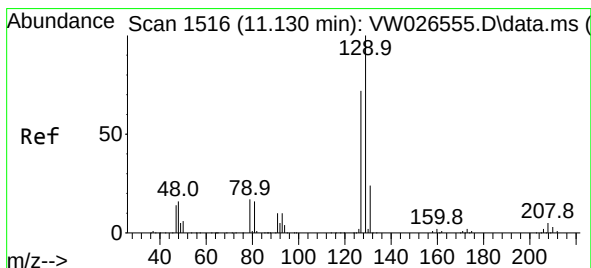
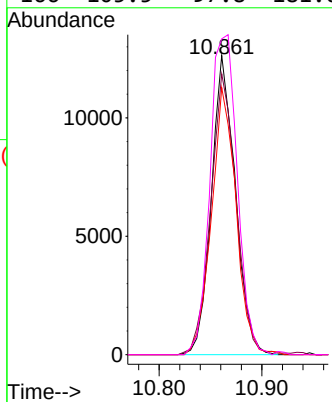
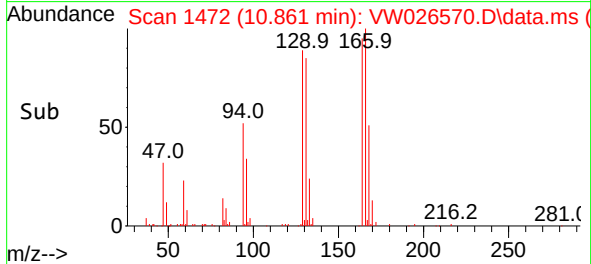
Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS



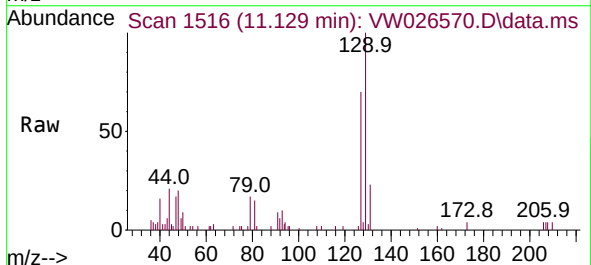
Tgt Ion:164 Resp: 2045
Ion Ratio Lower Upper
164 100
129 93.8 73.0 135.6
131 89.2 69.2 128.6
166 105.5 97.8 181.6

Manual Integrations
APPROVED

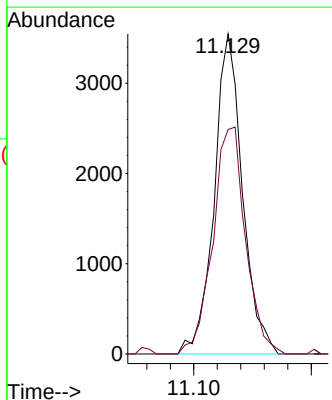
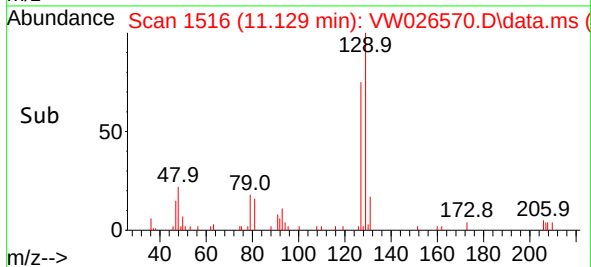
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023

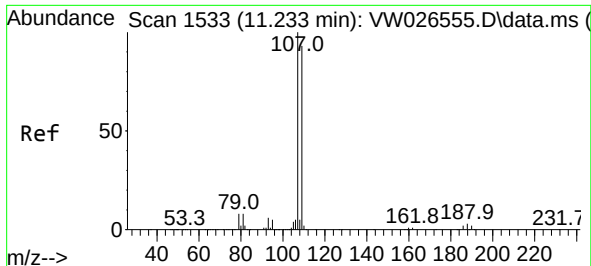


#49
Dibromochloromethane
Concen: 21.988 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29



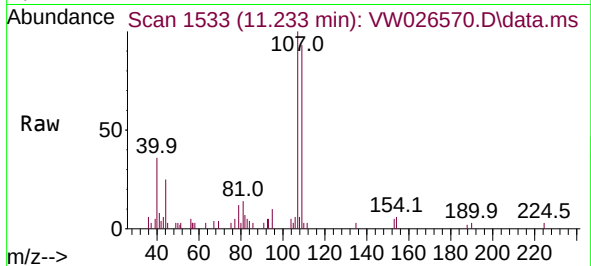
Tgt Ion:129 Resp: 5926
Ion Ratio Lower Upper
129 100
127 70.2 50.0 93.0





#50
1,2-Dibromoethane
Concen: 17.111 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

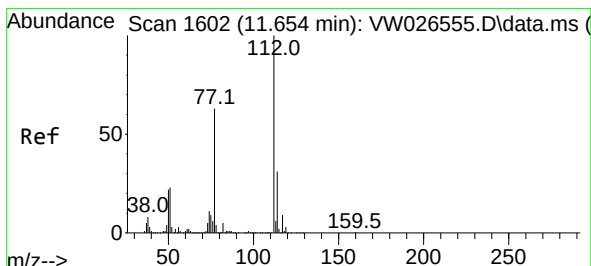
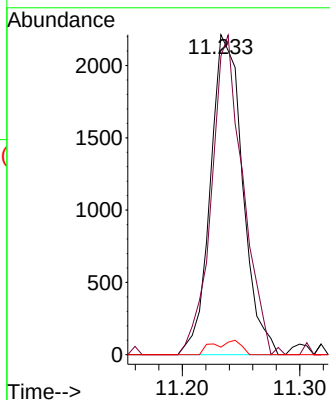
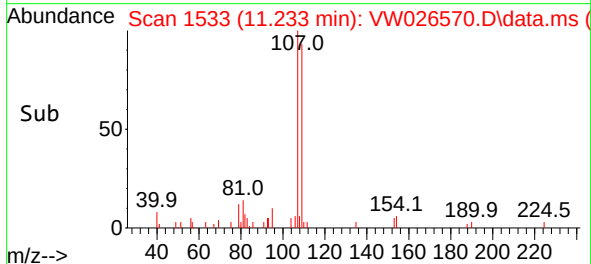
Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS



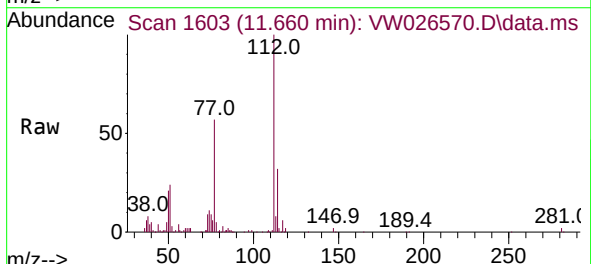
Tgt Ion:107 Resp: 422
Ion Ratio Lower Upper
107 100
109 93.3 67.7 125.7
188 2.3 2.7 4.1

Manual Integrations
APPROVED

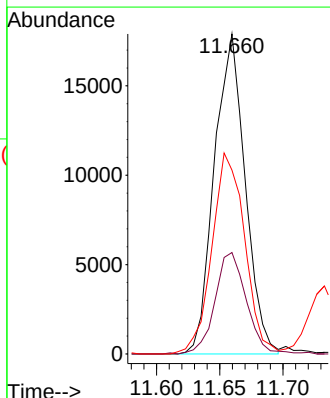
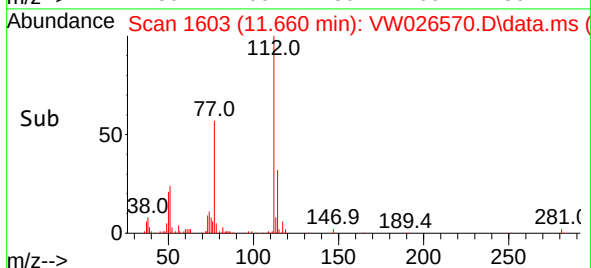
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023

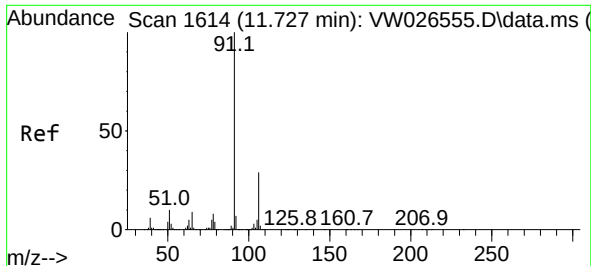


#51
Chlorobenzene
Concen: 34.189 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29



Tgt Ion:112 Resp: 30382
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 57.4 53.4 80.2





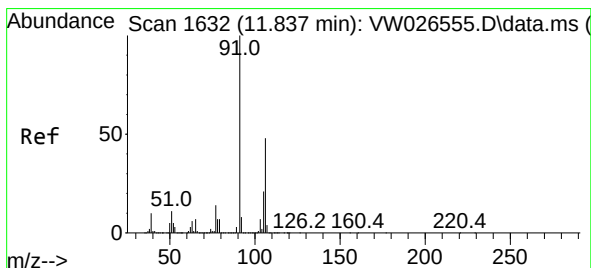
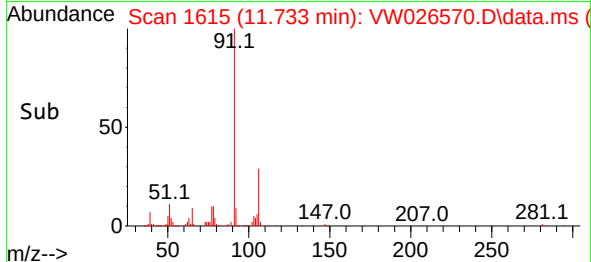
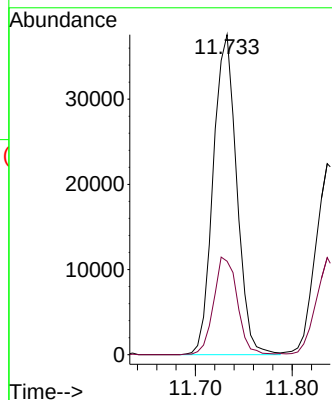
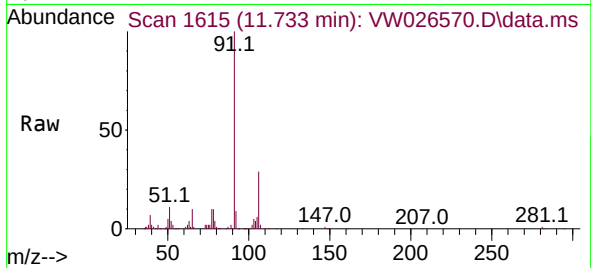
#52
Ethylbenzene
Concen: 39.476 ug/L
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS

Tgt Ion: 91 Resp: 63378
Ion Ratio Lower Upper
91 100
106 29.2 20.7 38.5

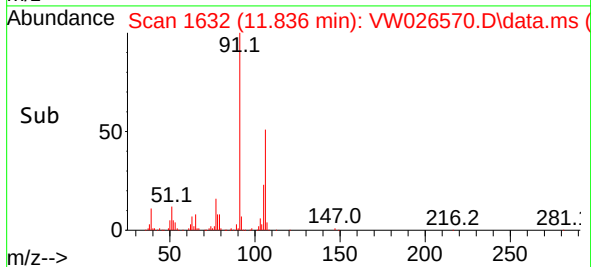
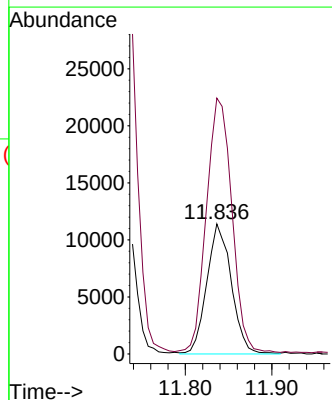
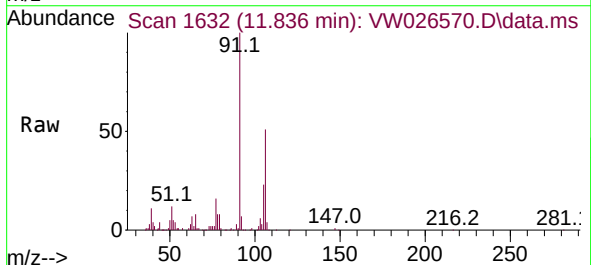
Manual Integrations
APPROVED

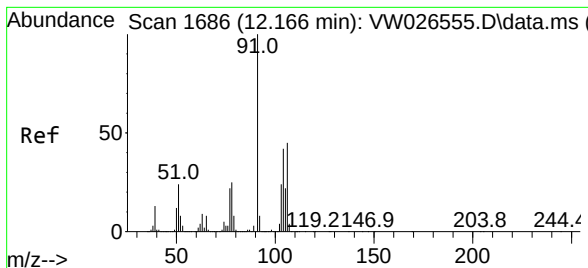
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#53
m,p-Xylene
Concen: 38.289 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Tgt Ion:106 Resp: 22477
Ion Ratio Lower Upper
106 100
91 196.6 152.7 283.7





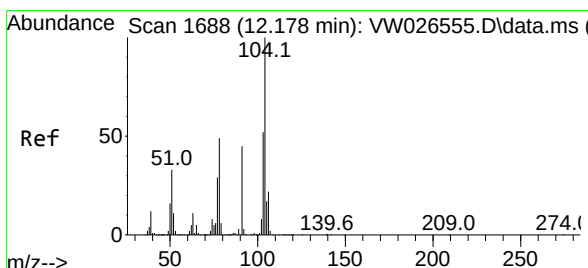
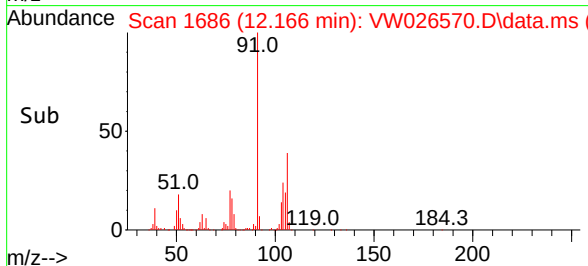
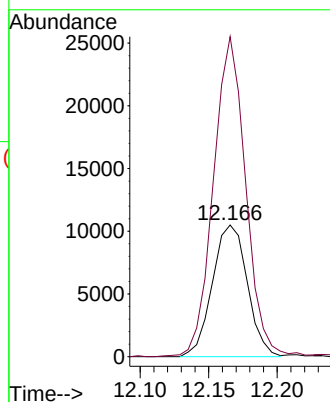
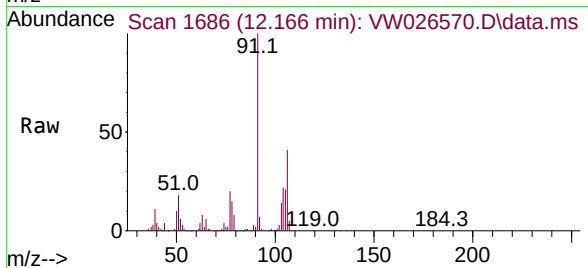
#54
o-Xylene
Concen: 32.709 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS

Tgt Ion:106 Resp: 18604
Ion Ratio Lower Upper
106 100
91 242.9 151.8 282.0

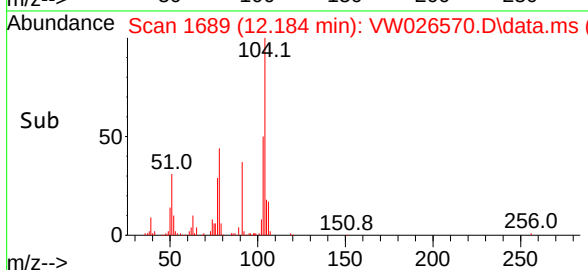
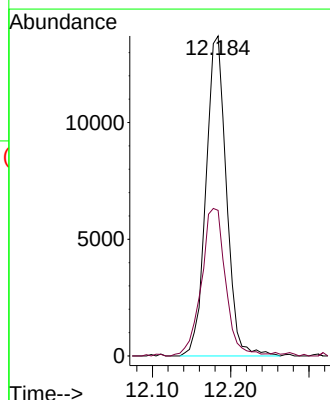
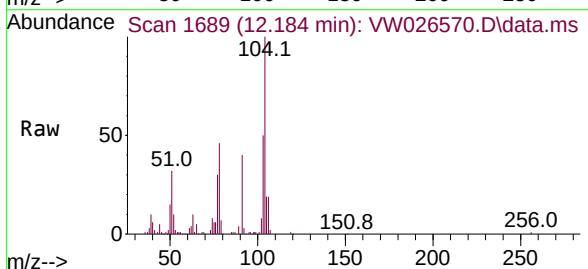
Manual Integrations
APPROVED

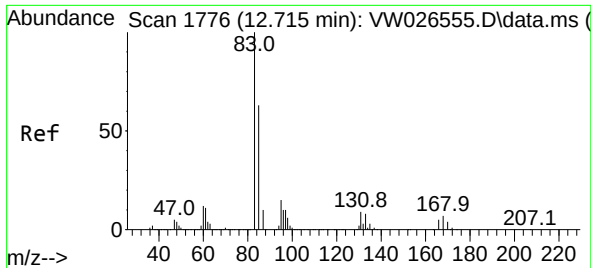
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#55
Styrene
Concen: 25.519 ug/L
RT: 12.184 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Tgt Ion:104 Resp: 24821
Ion Ratio Lower Upper
104 100
78 45.5 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 14.553 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

DCHB3MS

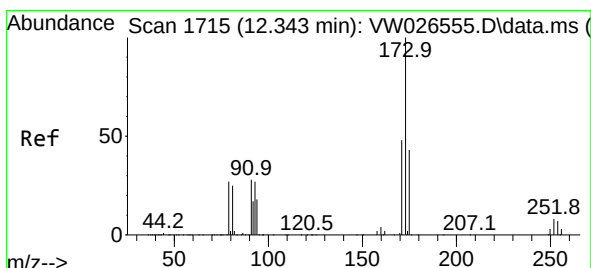
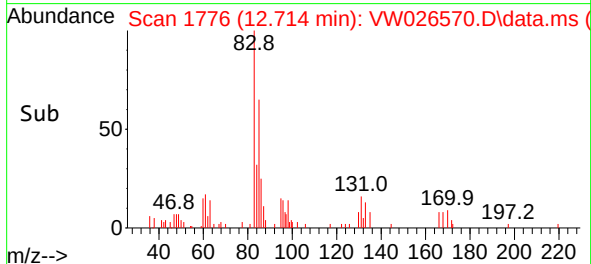
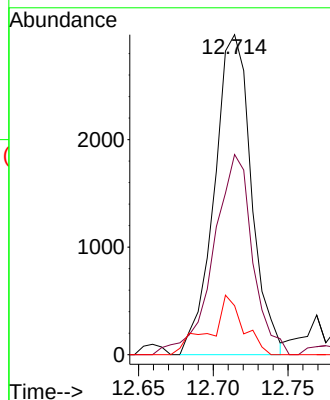
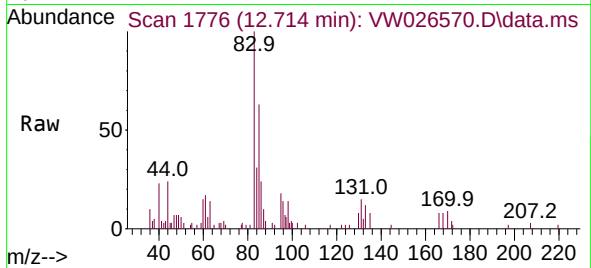
Tgt Ion: 83	Resp: 512
Ion Ratio	Lower Upper
83 100	
85 62.6	44.4 82.5
131 15.3	7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/10/2023



#59

Bromoform

Concen: 24.180 ug/L

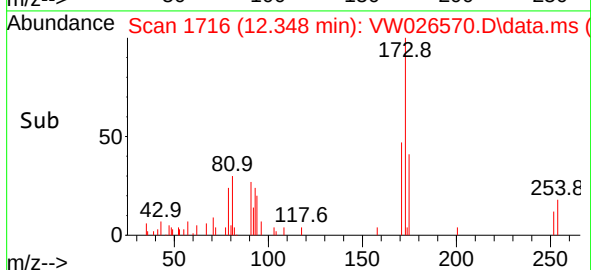
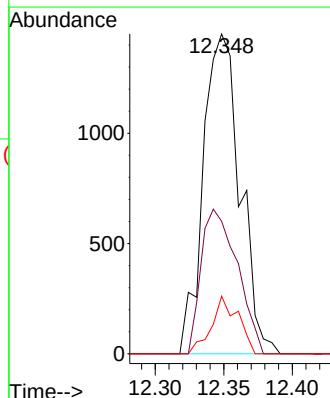
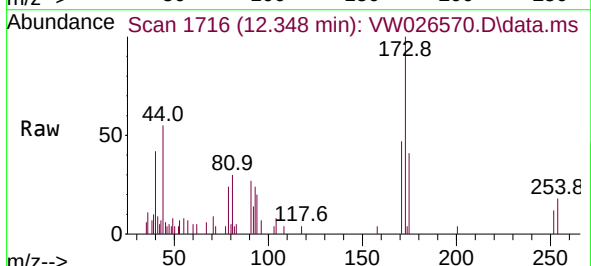
RT: 12.348 min Scan# 1716

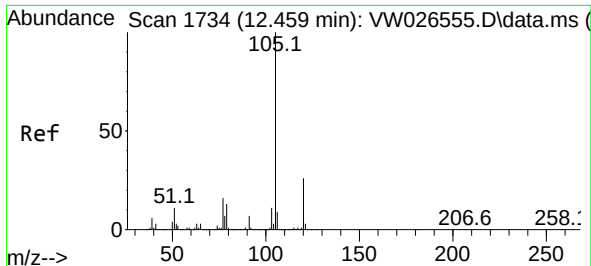
Delta R.T. 0.006 min

Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

Tgt Ion: 173	Resp: 2717
Ion Ratio	Lower Upper
173 100	
175 44.4	39.0 58.4
254 13.0	7.0 10.6





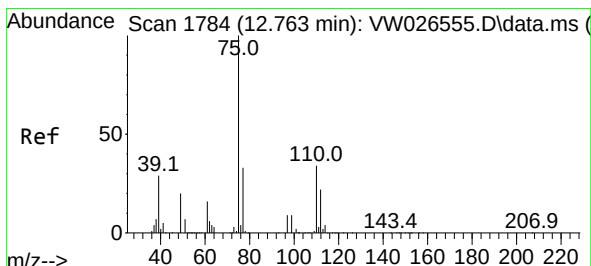
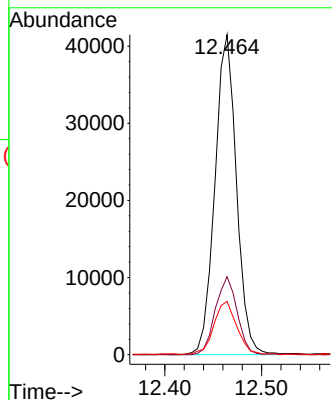
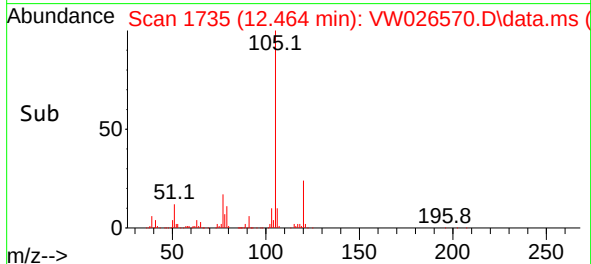
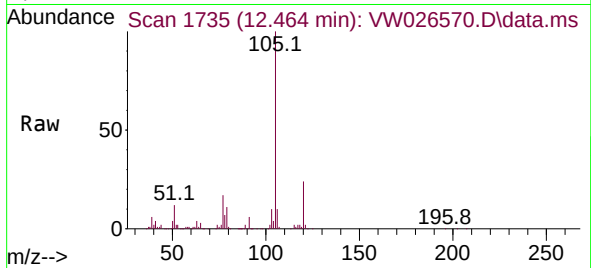
#60
Isopropylbenzene
Concen: 58.475 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS

Tgt Ion:105 Resp: 6424
Ion Ratio Lower Upper
105 100
120 24.5 20.3 30.5
77 17.8 13.4 20.0

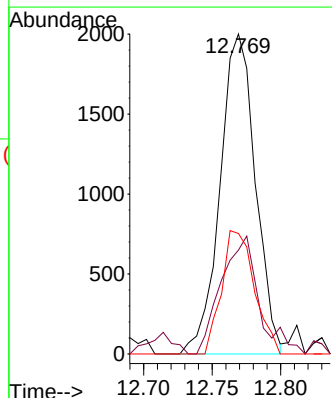
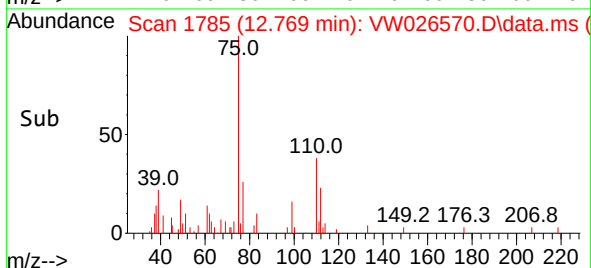
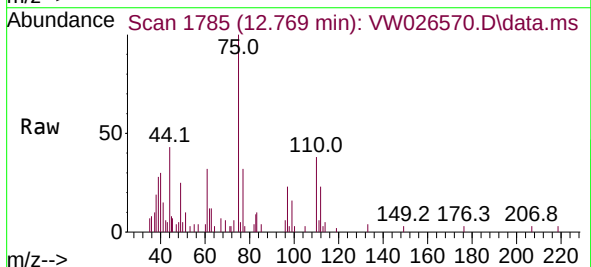
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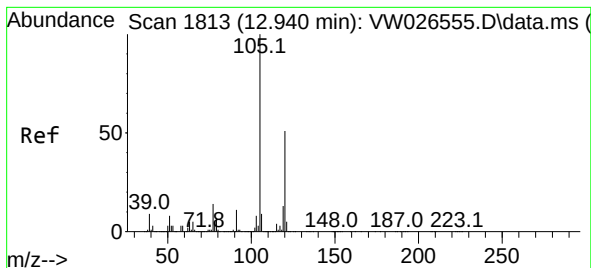
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#61
1,2,3-Trichloropropane
Concen: 19.280 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Tgt Ion: 75 Resp: 3598
Ion Ratio Lower Upper
75 100
77 36.3 25.1 37.7
110 35.7 28.3 42.5





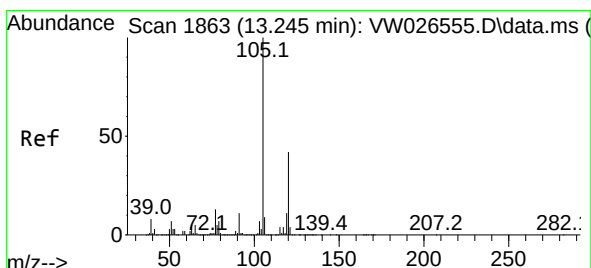
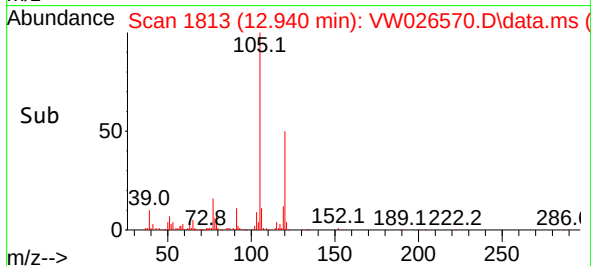
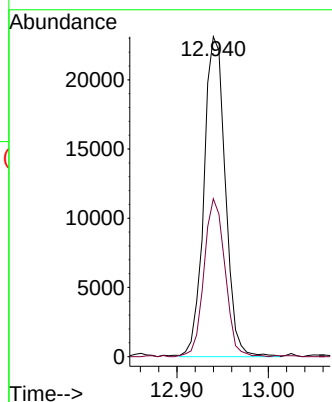
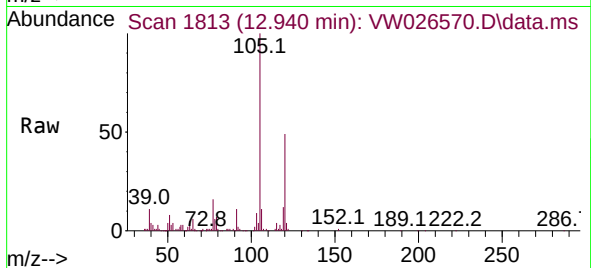
#62
1,3,5-Trimethylbenzene
Concen: 41.440 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS

Tgt Ion:105 Resp: 37538
Ion Ratio Lower Upper
105 100
120 48.2 38.0 57.0

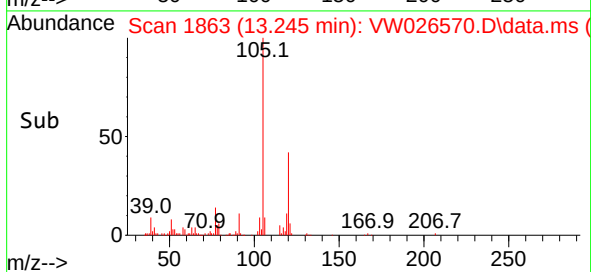
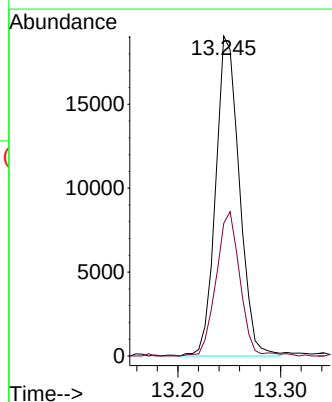
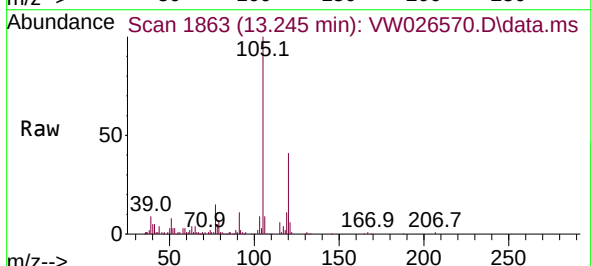
Manual Integrations
APPROVED

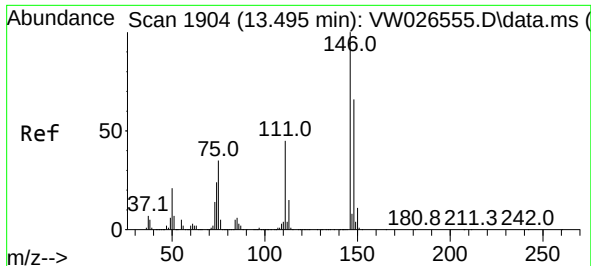
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#63
1,2,4-Trimethylbenzene
Concen: 34.995 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Tgt Ion:105 Resp: 30494
Ion Ratio Lower Upper
105 100
120 43.3 35.5 53.3





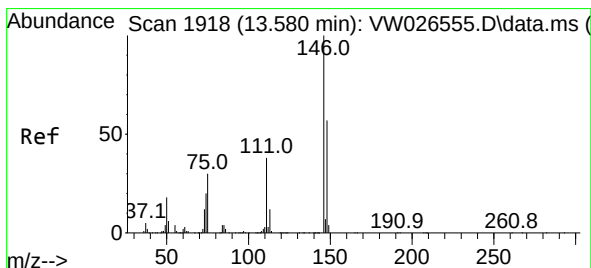
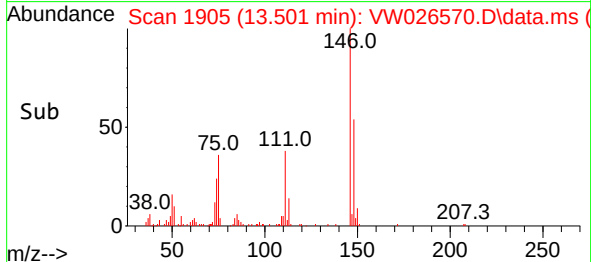
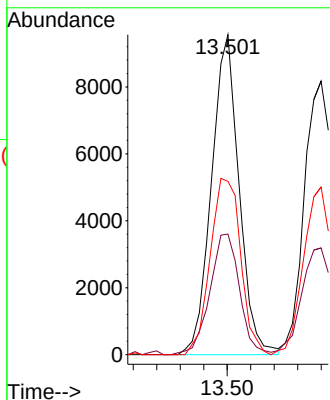
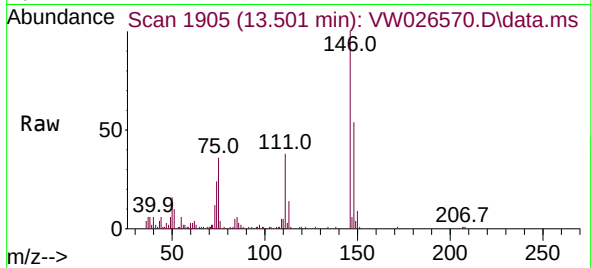
#64
1,3-Dichlorobenzene
Concen: 33.382 ug/L
RT: 13.501 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS

Tgt Ion:146 Resp: 1560
Ion Ratio Lower Upper
146 100
111 37.7 32.7 60.7
148 54.2 47.0 87.2

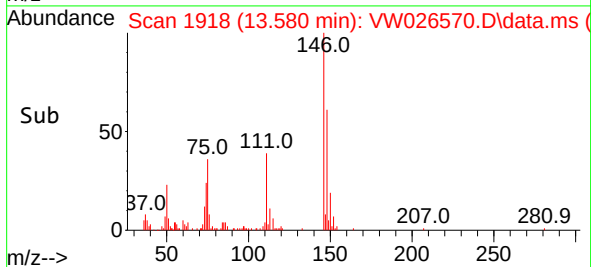
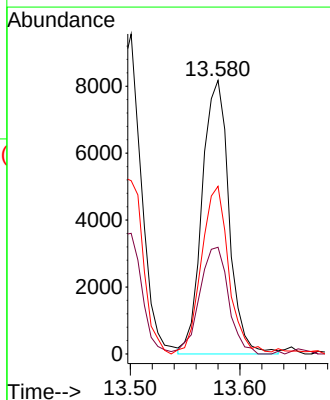
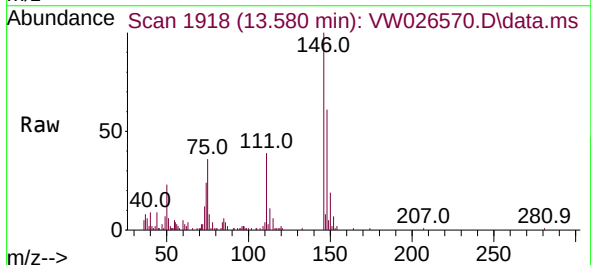
Manual Integrations
APPROVED

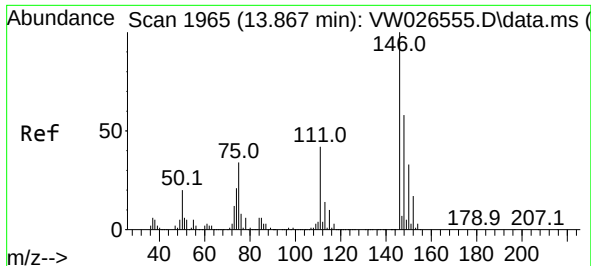
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#65
1,4-Dichlorobenzene
Concen: 29.904 ug/L
RT: 13.580 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

Tgt Ion:146 Resp: 13937
Ion Ratio Lower Upper
146 100
111 39.0 30.2 56.0
148 61.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.676 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

DCHB3MS

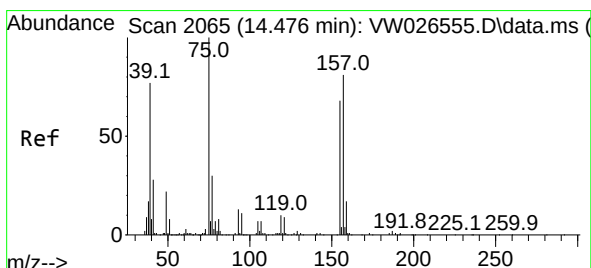
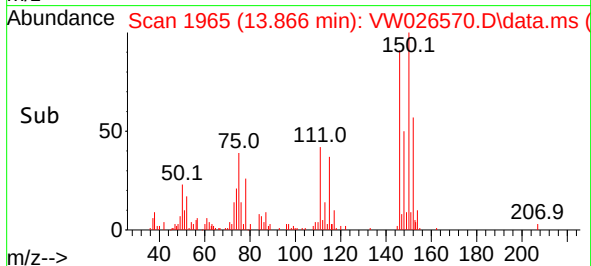
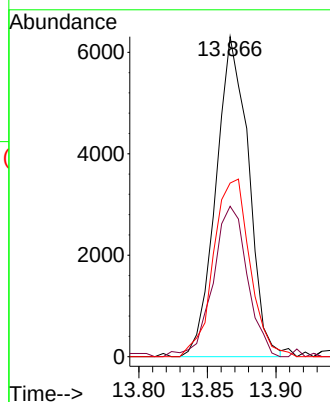
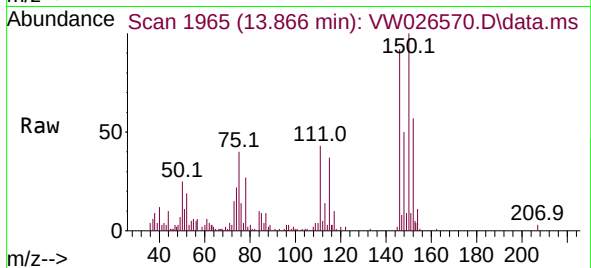
Tgt Ion:	146	Resp:	1042
Ion Ratio	Lower	Upper	
146	100		
111	47.0	36.6	55.0
148	54.2	55.1	82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/10/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 10.901 ug/L m

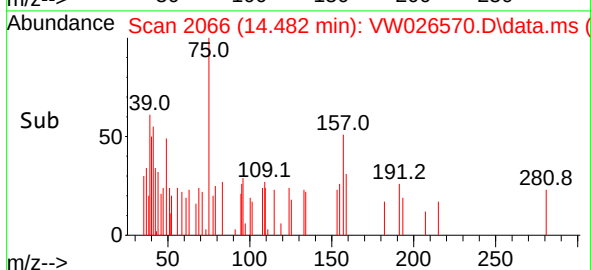
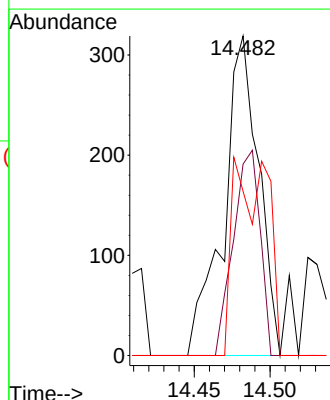
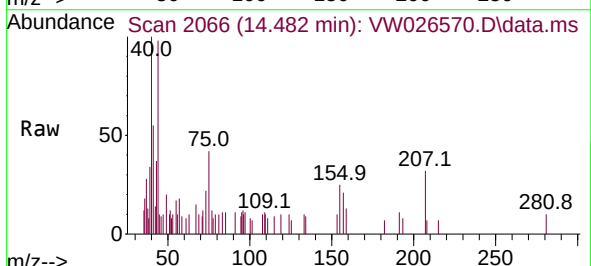
RT: 14.482 min Scan# 2066

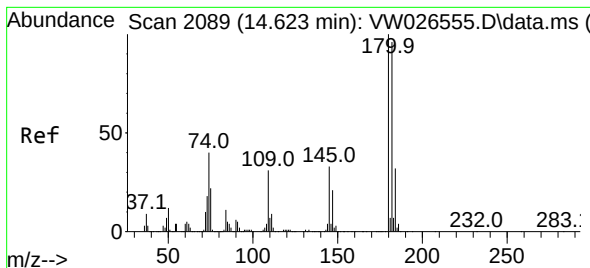
Delta R.T. 0.006 min

Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

Tgt Ion:	75	Resp:	513
Ion Ratio	Lower	Upper	
75	100		
155	59.9	57.3	85.9
157	51.4	76.9	115.3





#69

1,3,5-Trichlorobenzene

Concen: 19.350 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026570.D

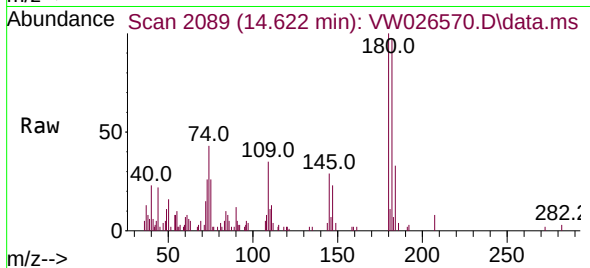
Acq: 07 Jul 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

DCHB3MS



Tgt Ion:180 Resp: 6010

Ion Ratio Lower Upper

180 100

182 93.5 75.5 113.3

184 29.5 23.8 35.8

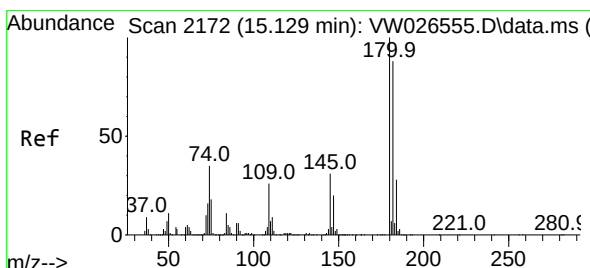
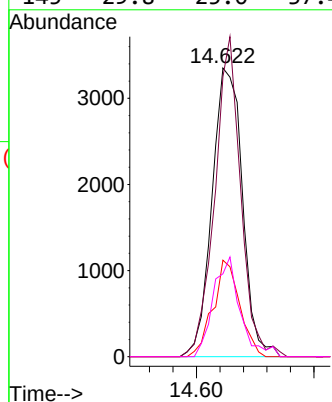
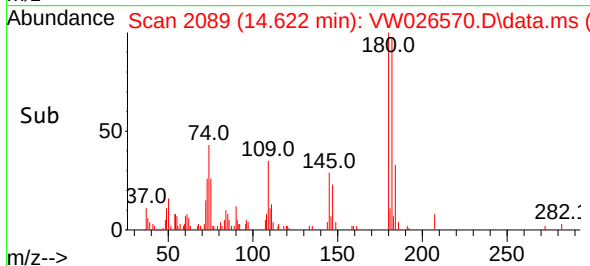
145 29.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/10/2023



#70

1,2,4-trichlorobenzene

Concen: 8.761 ug/L

RT: 15.135 min Scan# 2173

Delta R.T. 0.006 min

Lab File: VW026570.D

Acq: 07 Jul 2023 15:29

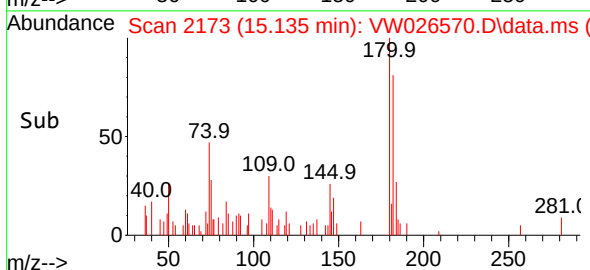
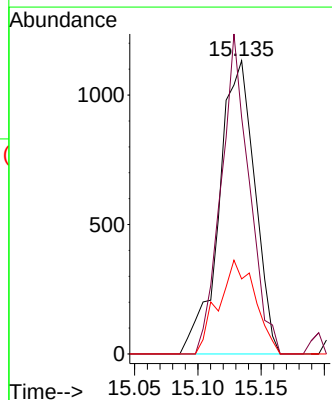
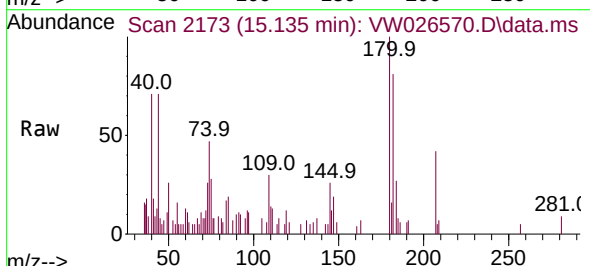
Tgt Ion:180 Resp: 2222

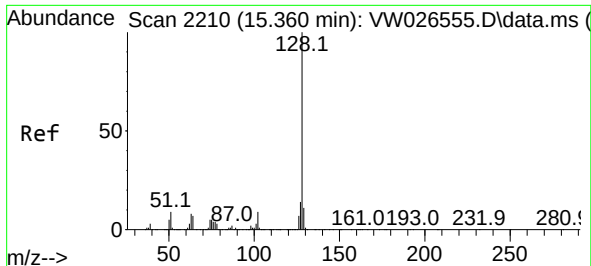
Ion Ratio Lower Upper

180 100

182 86.0 74.5 111.7

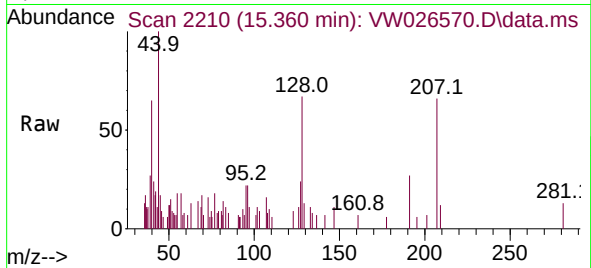
145 32.9 25.9 38.9





#71
Naphthalene
Concen: 2.412 ug/L m
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29

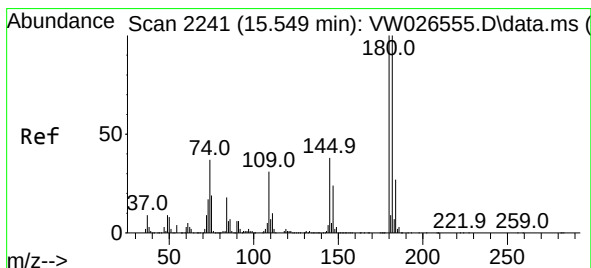
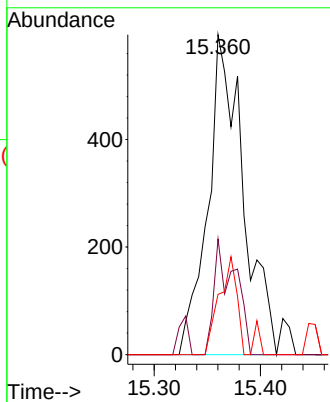
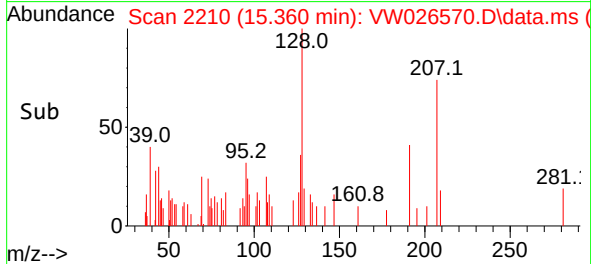
Instrument :
MSVOA_W
ClientSampleId :
DCHB3MS



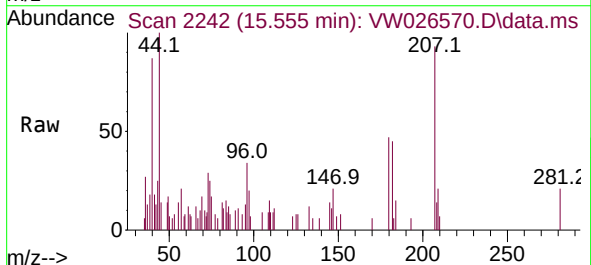
Tgt Ion:128 Resp: 1369
Ion Ratio Lower Upper
128 100
127 10.7 10.2 15.2
129 0.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023



#72
1,2,3-Trichlorobenzene
Concen: 3.279 ug/L
RT: 15.555 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VW026570.D
Acq: 07 Jul 2023 15:29



Tgt Ion:180 Resp: 743
Ion Ratio Lower Upper
180 100
182 118.8 75.3 112.9#
145 16.6 29.0 43.6#

