

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051524\
 Data File : VU058898.D
 Acq On : 15 May 2024 12:27
 Operator : MD/SY
 Sample : P2409-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2024-04

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: May 16 01:56:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153082	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70488	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	42240	4.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.911	69	39979	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.563	65	17455	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.637	46	127863	53.036	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.080%
24) Chloroform-d	5.058	84	93277	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.698	65	48727	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.724	84	170134	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.685	67	61022	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.894	98	141144	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.177	79	19017	4.659	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.630	63	94962	48.473	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.940%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50549	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	54858	5.175	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	2708	0.242	ug/L	94
3) Chloromethane	1.518	50	3620	0.278	ug/L	95
5) Vinyl chloride	1.602	62	3524	0.252	ug/L #	75
6) Bromomethane	1.856	94	2113	0.243	ug/L	97
8) Chloroethane	1.933	64	2541	0.286	ug/L	99
9) Trichlorofluoromethane	2.136	101	4325	0.241	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	2939	0.271	ug/L	93
12) 1,1-Dichloroethene	2.576	96	2710	0.284	ug/L #	1
14) Carbon disulfide	2.792	76	7563	0.250	ug/L	97
15) Methyl Acetate	2.975	43	915m	0.221	ug/L	
16) Methylene chloride	3.046	84	4225	0.327	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	5907	0.238	ug/L #	93
18) trans-1,2-Dichloroethene	3.354	96	2366	0.236	ug/L	90
19) 1,1-Dichloroethane	3.862	63	5626	0.268	ug/L	95
21) 2-Butanone	4.740	43	7781m	2.911	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	2772	0.240	ug/L	86
23) Bromochloromethane	4.975	128	1397	0.274	ug/L	78
25) Chloroform	5.078	83	6316	0.288	ug/L	96
27) 1,2-Dichloroethane	5.795	62	3529	0.263	ug/L	99

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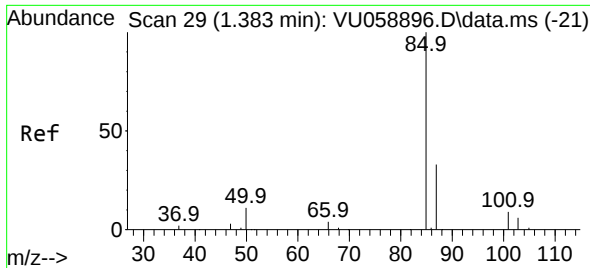
Manual Integrations
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Quant Time: May 16 01:56:35 2024
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 Quant Title : TRACE VOA SFAM1.0
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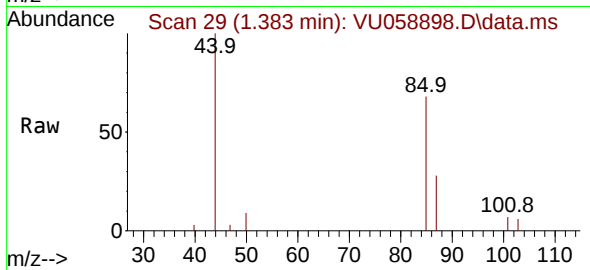
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.377	56	3483m	0.212	ug/L	98
31) Carbon tetrachloride	5.528	117	3703	0.255	ug/L	98
33) Benzene	5.772	78	11681	0.256	ug/L	100
35) Methylcyclohexane	6.756	83	4180	0.242	ug/L	90
37) 1,2-Dichloropropane	6.788	63	3596	0.277	ug/L #	94
38) Bromodichloromethane	7.103	83	4129	0.265	ug/L #	98
39) cis-1,3-Dichloropropene	7.608	75	4354	0.246	ug/L	94
40) 4-Methyl-2-pentanone	7.791	43	14597	2.176	ug/L #	90
42) Toluene	7.968	91	11691	0.245	ug/L	99
44) trans-1,3-Dichloropropene	8.213	75	3415m	0.237	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	2263	0.248	ug/L	95
49) Dibromochloromethane	8.804	129	2527	0.263	ug/L	97
50) 1,2-Dibromoethane	8.926	107	2154	0.267	ug/L #	92
51) Chlorobenzene	9.444	112	7860	0.259	ug/L	94
52) Ethylbenzene	9.569	91	11303	0.220	ug/L	97
53) m,p-Xylene	9.692	106	3833	0.203	ug/L	95
54) o-Xylene	10.100	106	4100	0.223	ug/L	88
55) Styrene	10.119	104	5918	0.191	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.778	83	3126	0.270	ug/L #	90
59) Bromoform	10.286	173	1168	0.227	ug/L #	95
60) Isopropylbenzene	10.483	105	10697	0.237	ug/L	97
61) 1,2,3-Trichloropropane	10.820	75	2078	0.286	ug/L #	88
62) 1,3,5-Trimethylbenzene	11.087	105	7928	0.220	ug/L	95
63) 1,2,4-Trimethylbenzene	11.466	105	7134	0.200	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	5279	0.240	ug/L	91
65) 1,4-Dichlorobenzene	11.833	146	6047	0.276	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	5260	0.256	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.003	75	389	0.266	ug/L #	61
69) 1,3,5-Trichlorobenzene	13.219	180	4214	0.256	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	3303	0.243	ug/L	98
71) Naphthalene	14.100	128	4148	0.203	ug/L #	84
72) 1,2,3-Trichlorobenzene	14.328	180	2935	0.246	ug/L	96

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



#2
Dichlorodifluoromethane
Concen: 0.242 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
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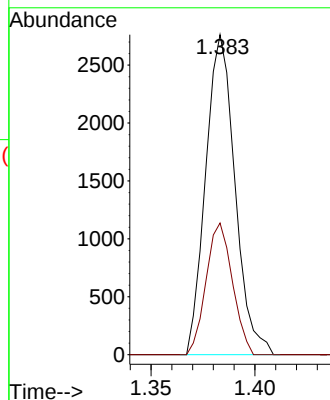
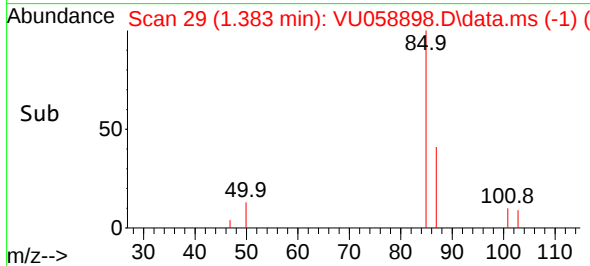
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion: 85 Resp: 2708
Ion Ratio Lower Upper
85 100
87 36.9 26.6 40.0

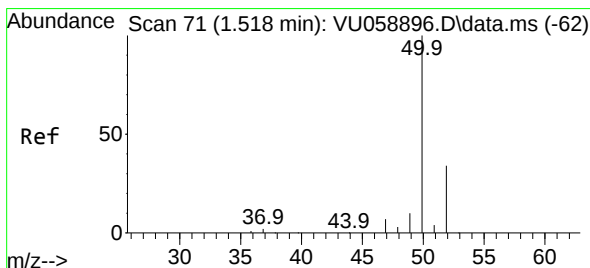
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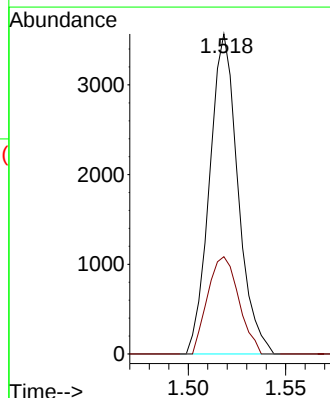
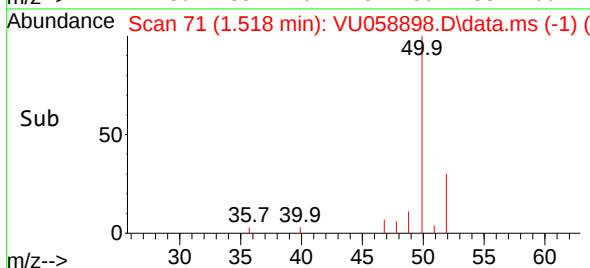
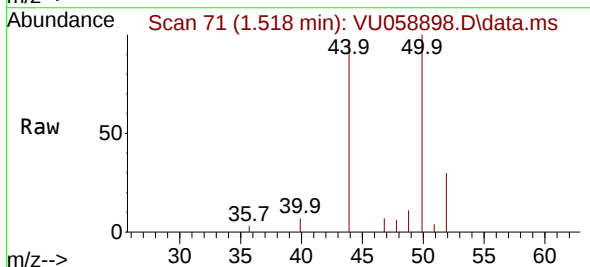
05/17/2024
Supervised By :Semsettin
Yesilyurt

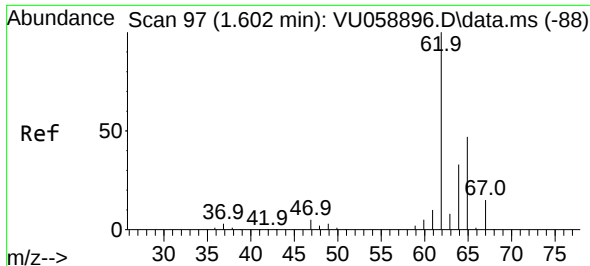
05/17/2024



#3
Chloromethane
Concen: 0.278 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

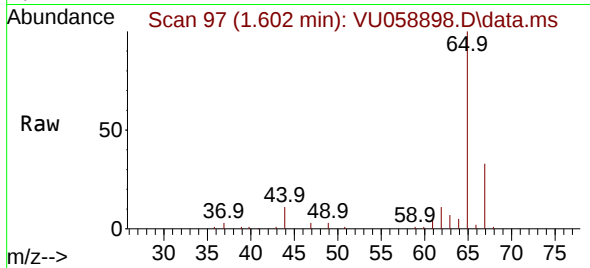
Tgt Ion: 50 Resp: 3620
Ion Ratio Lower Upper
50 100
52 30.4 23.2 43.0





#5
 Vinyl chloride
 Concen: 0.252 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU058898.D
 Acq: 15 May 2024 12:27

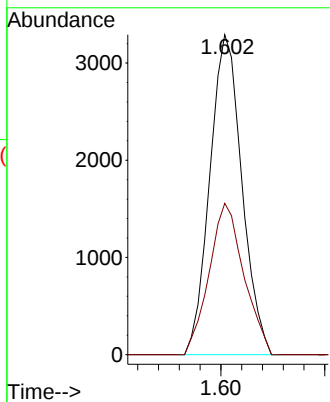
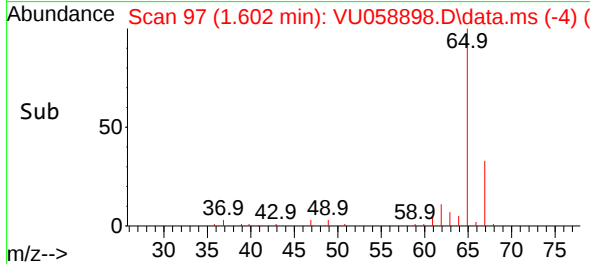
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2024-04



Tgt Ion: 62 Resp: 3524
 Ion Ratio Lower Upper
 62 100
 64 47.3 23.1 42.9

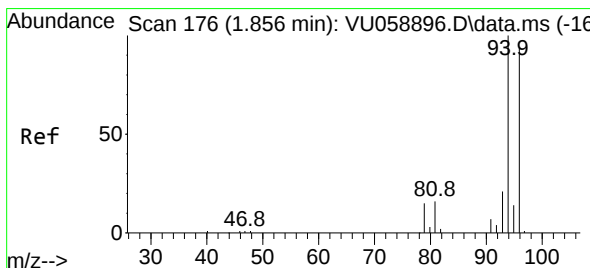
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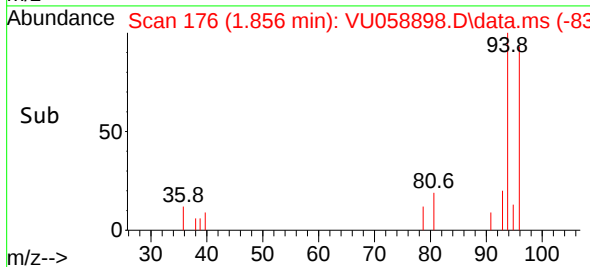
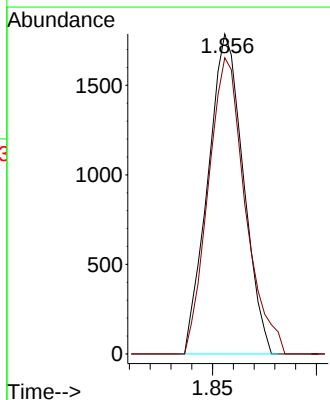
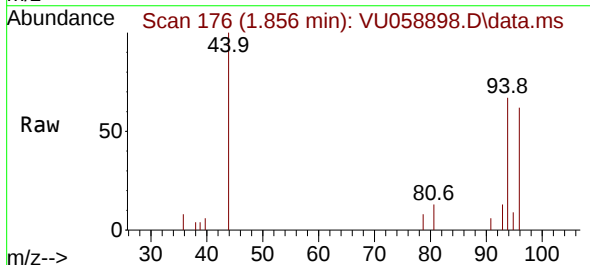
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 Yesilyurt

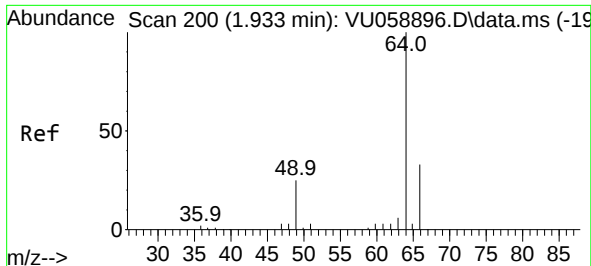
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#6
 Bromomethane
 Concen: 0.243 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU058898.D
 Acq: 15 May 2024 12:27

Tgt Ion: 94 Resp: 2113
 Ion Ratio Lower Upper
 94 100
 96 92.6 62.9 116.9





#8

Chloroethane

Concen: 0.286 ug/L

RT: 1.933 min Scan# 200

Delta R.T. -0.000 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion: 64 Resp: 254

Ion Ratio Lower Upper

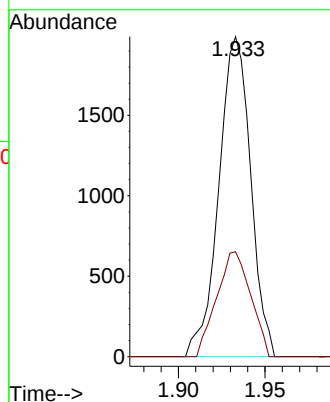
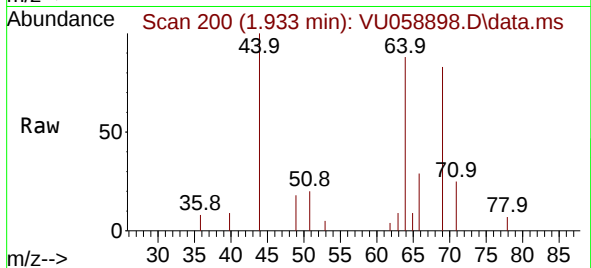
64 100

66 32.8 23.2 43.2

Manual Integrations

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Dadoda

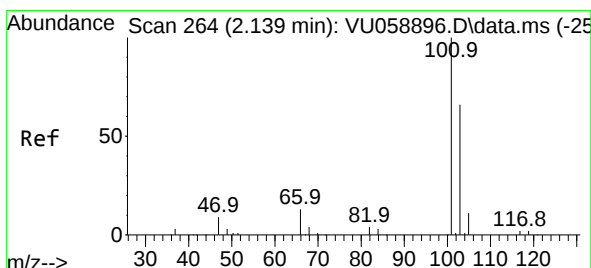
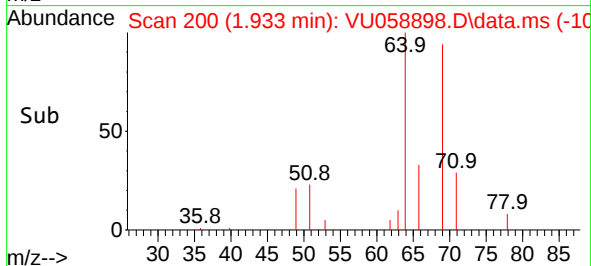


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Supervised By :Semsettin

Yesilyurt

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#9

Trichlorofluoromethane

Concen: 0.241 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.003 min

Lab File: VU058898.D

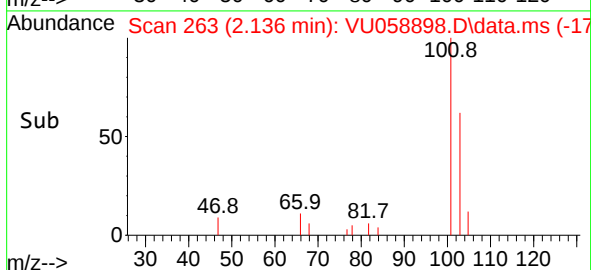
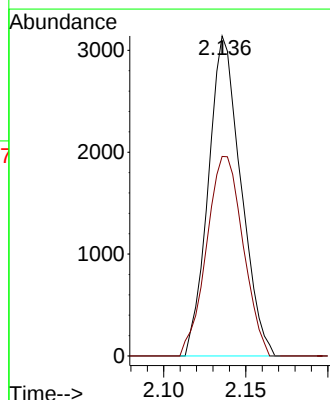
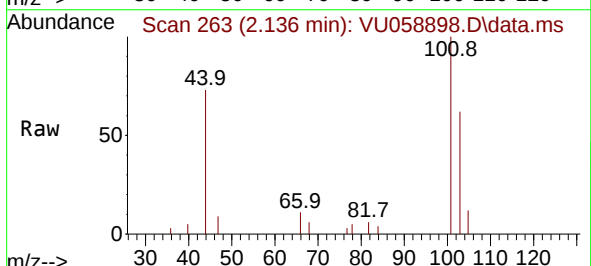
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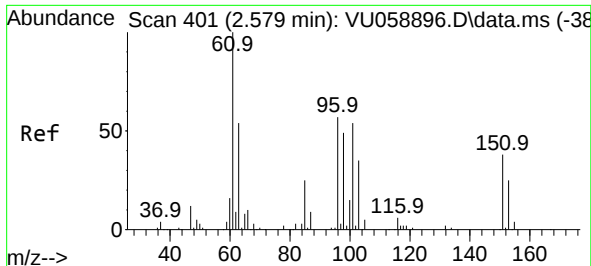
Tgt Ion:101 Resp: 4325

Ion Ratio Lower Upper

101 100

103 69.8 52.6 79.0





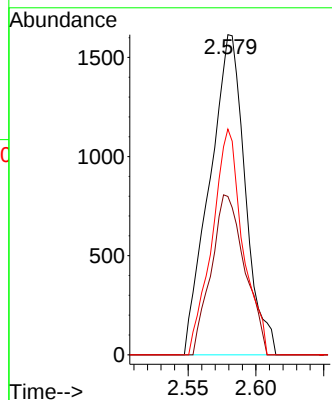
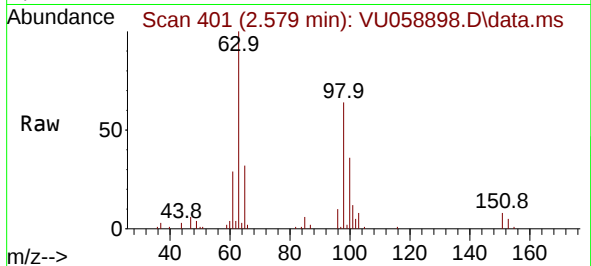
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.271 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion:101 Resp: 2938
Ion Ratio Lower Upper
101 100
85 47.3 36.2 54.4
151 61.2 55.5 83.3

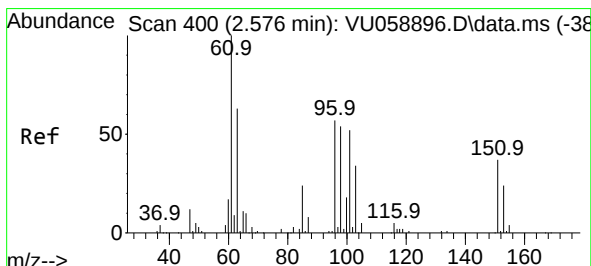
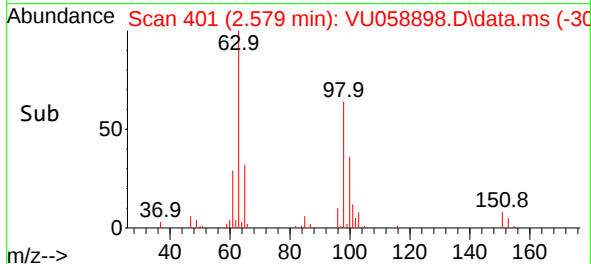
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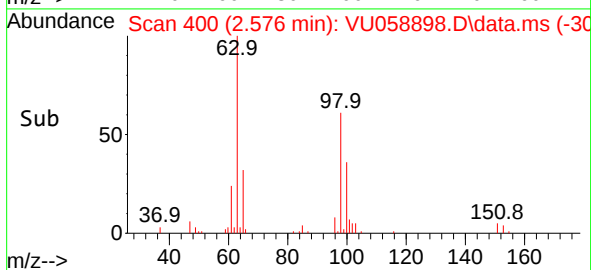
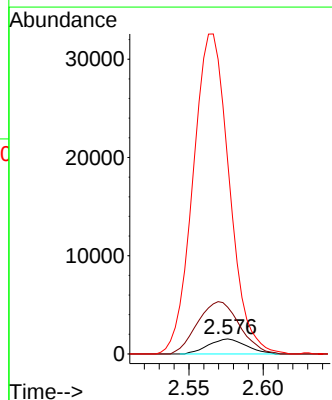
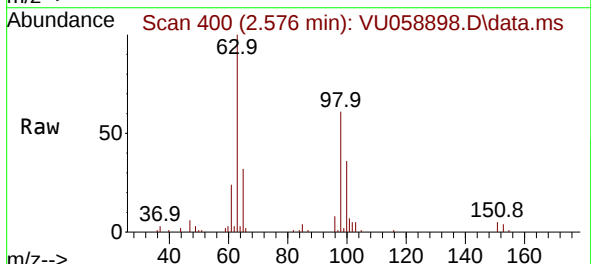
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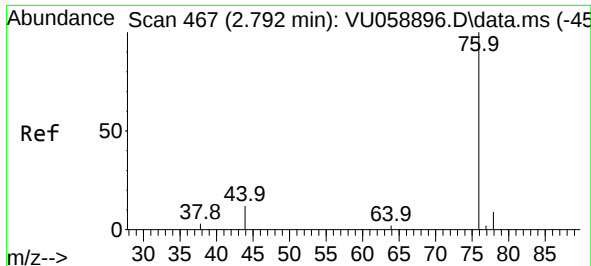
05/17/2024



#12
1,1-Dichloroethene
Concen: 0.284 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 96 Resp: 2710
Ion Ratio Lower Upper
96 100
61 308.8 122.9 228.3#
63 1271.5 80.4 149.4#





#14

Carbon disulfide

Concen: 0.250 ug/L

RT: 2.792 min Scan# 4

Delta R.T. -0.000 min

Lab File: VU058898.D

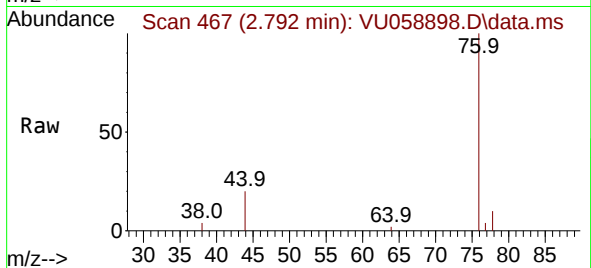
Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2024-04



Tgt Ion: 76 Resp: 756

Ion Ratio Lower Upper

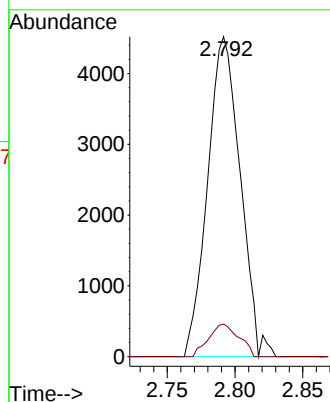
76 100

78 10.2 7.3 10.9

Manual Integrations

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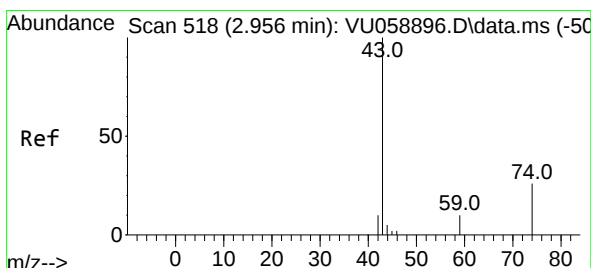
Reviewed By :Mahesh
Dadoda



05/17/2024

Supervised By :Semsettin
Yesilyurt

05/17/2024



#15

Methyl Acetate

Concen: 0.221 ug/L m

RT: 2.975 min Scan# 524

Delta R.T. 0.019 min

Lab File: VU058898.D

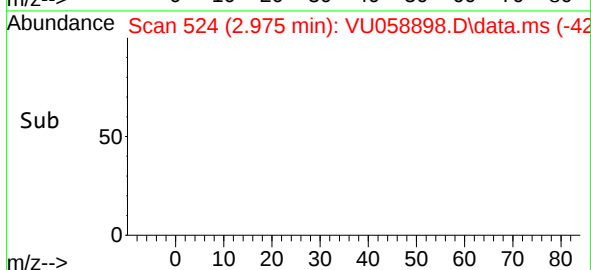
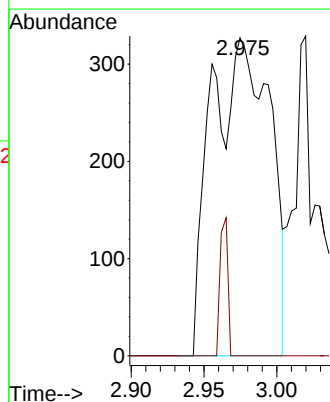
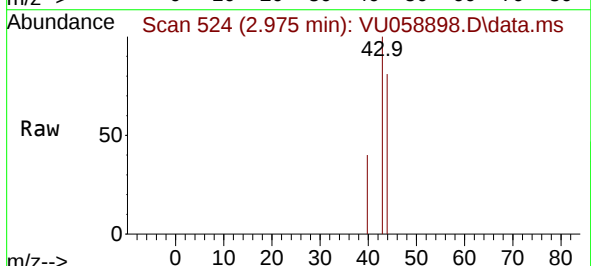
Acq: 15 May 2024 12:27

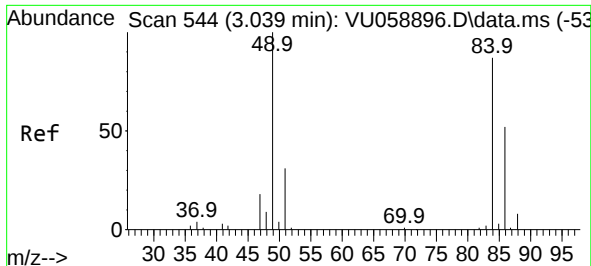
Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

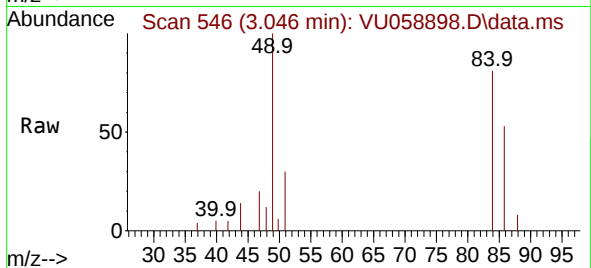
74 0.0 19.2 28.8#





#16
Methylene chloride
Concen: 0.327 ug/L
RT: 3.046 min Scan# 544
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

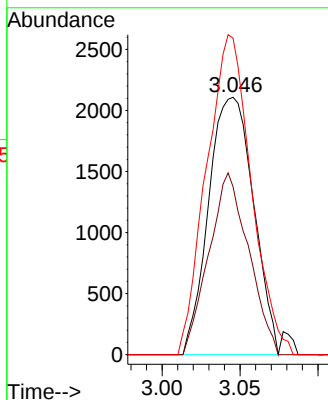
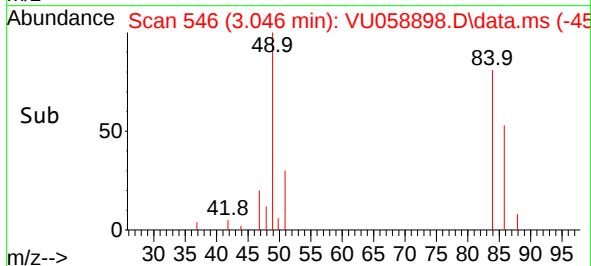
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion: 84 Resp: 4225
Ion Ratio Lower Upper
84 100
86 65.2 42.1 78.1
49 129.8 80.6 149.8

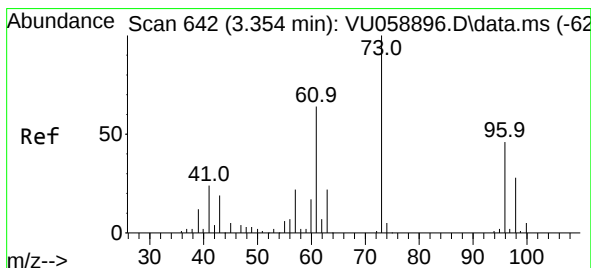
Manual Integrations
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Reviewed By :Mahesh
Dadoda



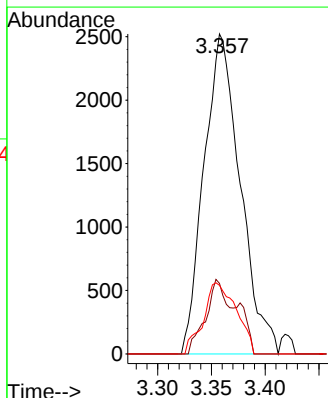
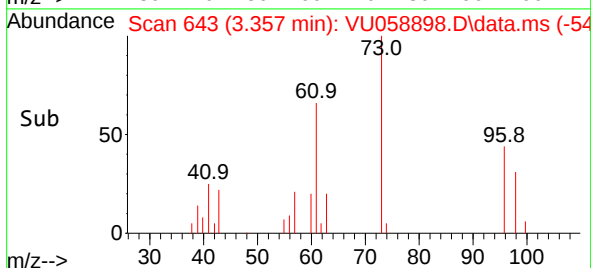
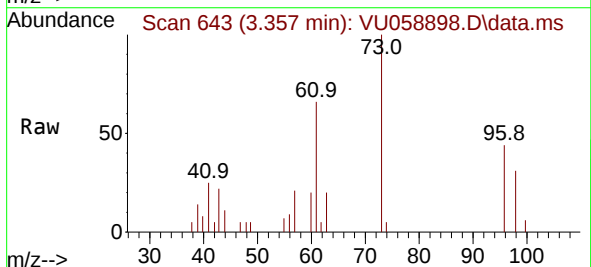
05/17/2024
Supervised By :Semsettin
Yesilyurt

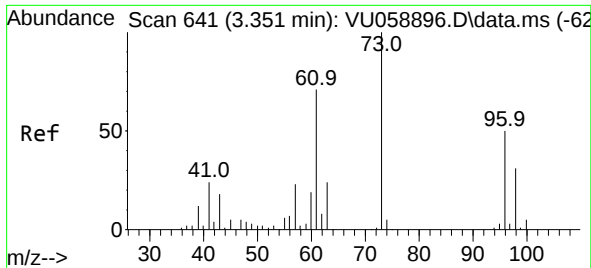
05/17/2024



#17
Methyl tert-butyl Ether
Concen: 0.238 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

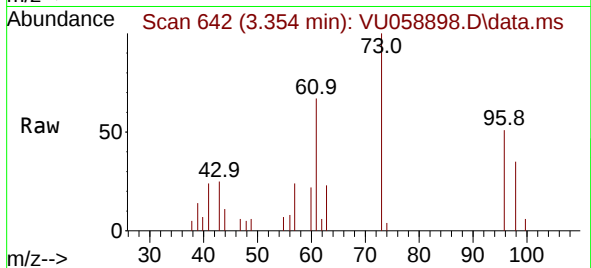
Tgt Ion: 73 Resp: 5907
Ion Ratio Lower Upper
73 100
43 14.7 14.9 22.3#
57 20.2 18.0 27.0





#18
trans-1,2-Dichloroethene
Concen: 0.236 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

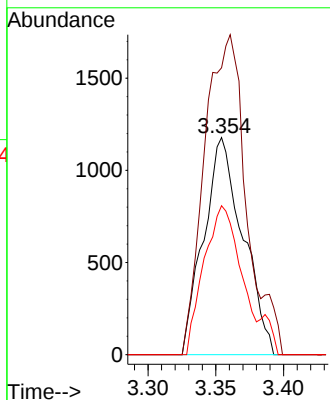
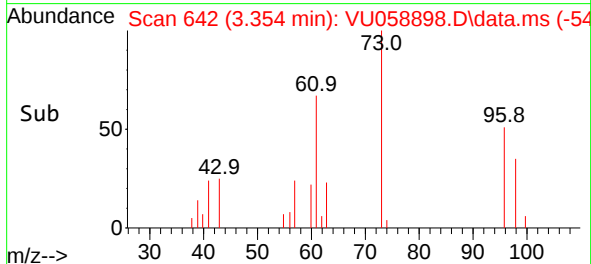
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion: 96 Resp: 2360
Ion Ratio Lower Upper
96 100
61 132.1 101.8 189.0
98 68.6 43.3 80.5

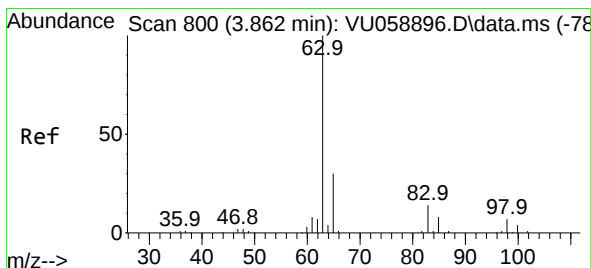
Manual Integrations
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Reviewed By :Mahesh
Dadoda



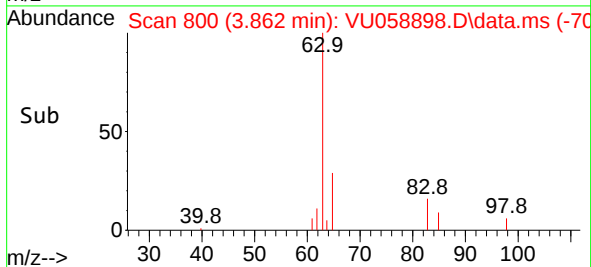
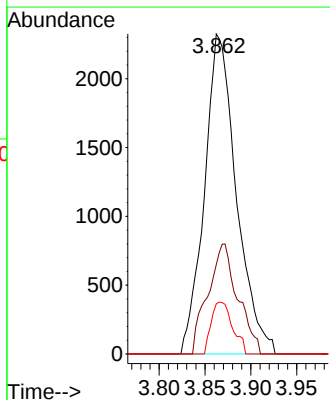
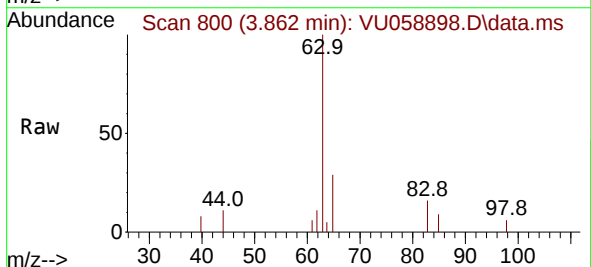
05/17/2024
Supervised By :Semsettin
Yesilyurt

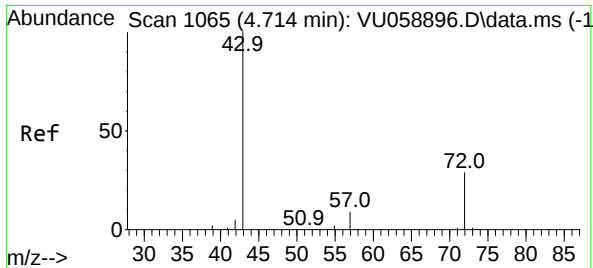
05/17/2024



#19
1,1-Dichloroethane
Concen: 0.268 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

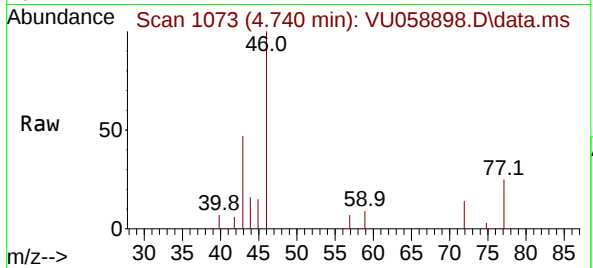
Tgt Ion: 63 Resp: 5626
Ion Ratio Lower Upper
63 100
65 27.9 21.8 40.6
83 15.7 9.9 18.5





#21
2-Butanone
Concen: 2.911 ug/L m
RT: 4.740 min Scan# 1073
Delta R.T. 0.026 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

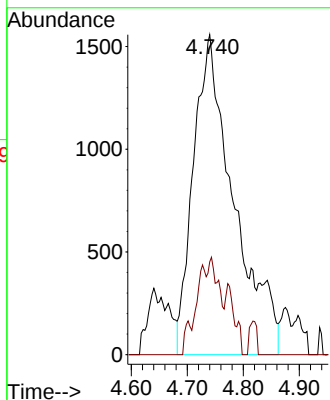
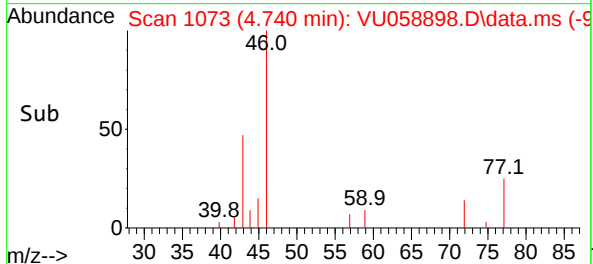
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
72 1.7 13.8 41.4

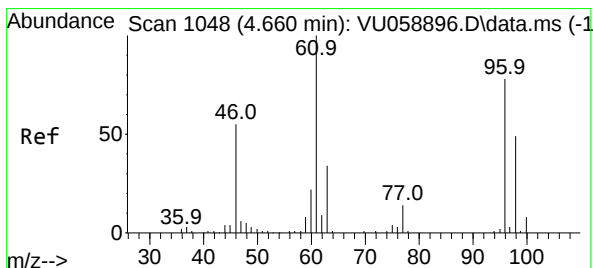
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Reviewed By :Mahesh
Dadoda



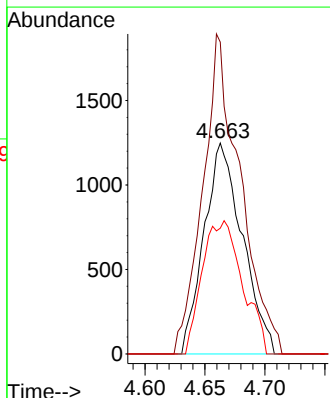
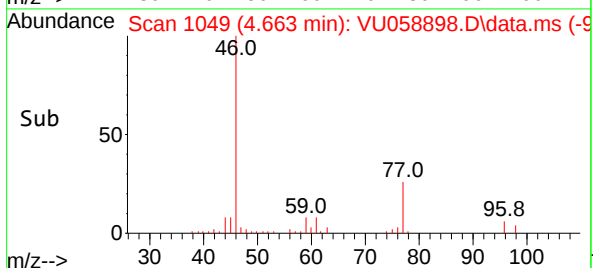
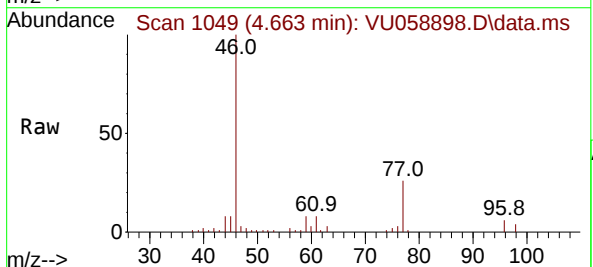
05/17/2024
Supervised By :Semsettin
Yesilyurt

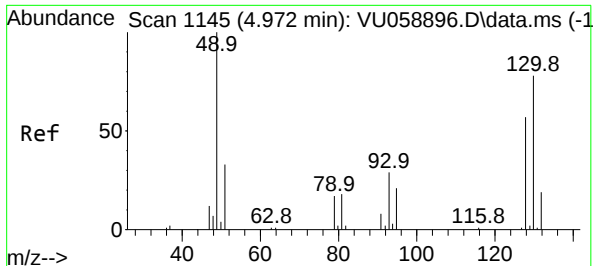
05/17/2024



#22
cis-1,2-Dichloroethene
Concen: 0.240 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 96 Resp: 2772
Ion Ratio Lower Upper
96 100
61 147.9 87.4 162.2
98 59.6 42.3 78.5





#23

Bromochloromethane

Concen: 0.274 ug/L

RT: 4.975 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU058898.D

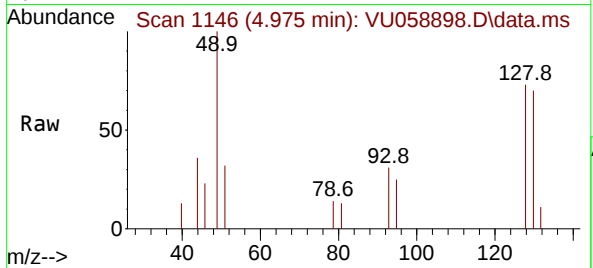
Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2024-04



Tgt Ion:128 Resp: 139

Ion Ratio Lower Upper

128 100

49 137.9 117.0 217.4

130 96.4 89.6 166.4

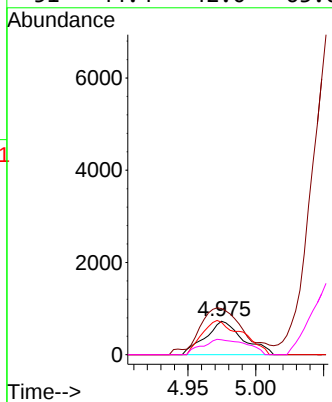
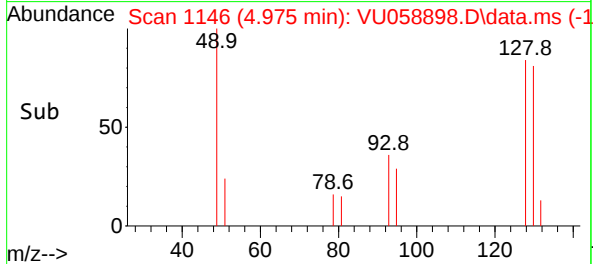
51 44.4 42.0 63.0

Manual Integrations

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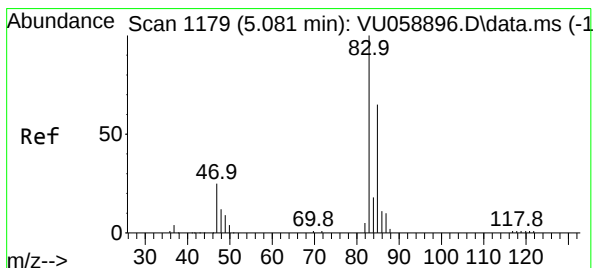


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#25

Chloroform

Concen: 0.288 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU058898.D

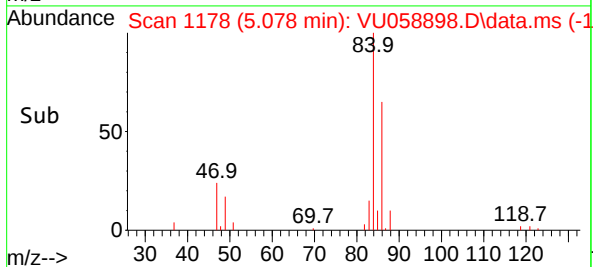
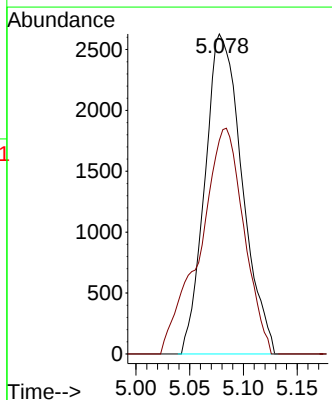
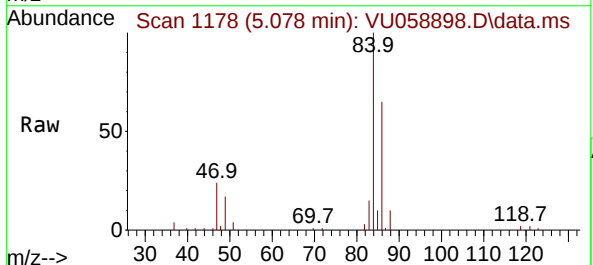
Acq: 15 May 2024 12:27

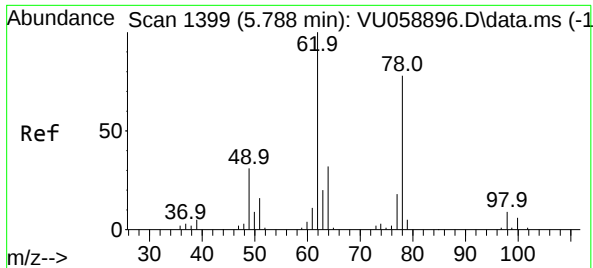
Tgt Ion: 83 Resp: 6316

Ion Ratio Lower Upper

83 100

85 66.7 44.7 83.1





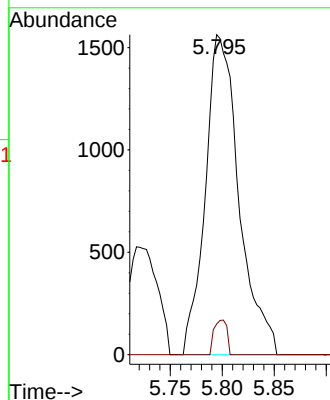
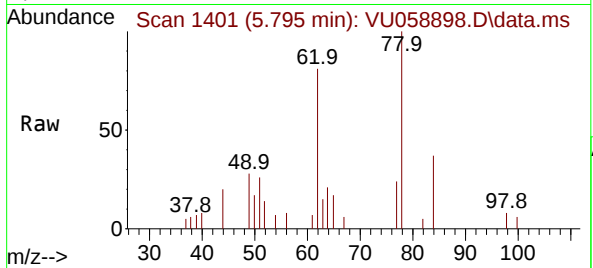
#27
1,2-Dichloroethane
Concen: 0.263 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion: 62 Resp: 3529
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3

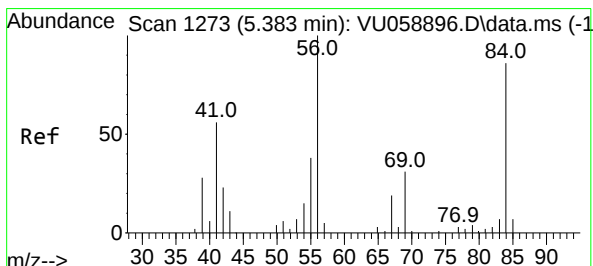
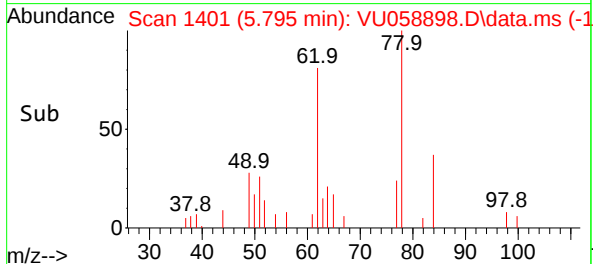
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Reviewed By :Mahesh
Dadoda



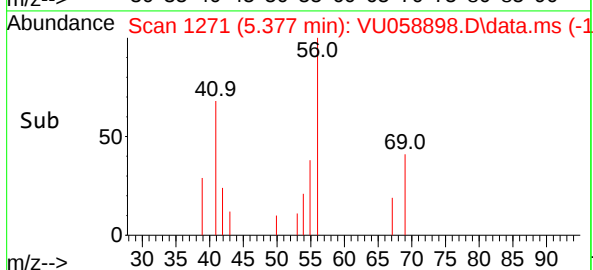
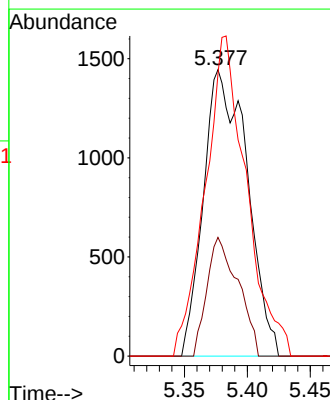
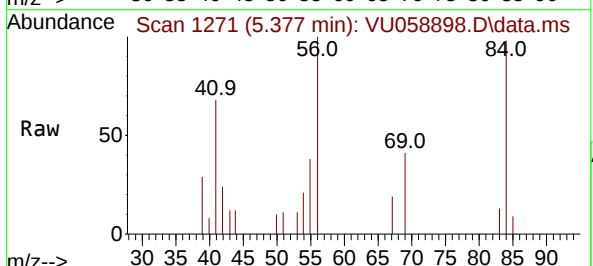
05/17/2024
Supervised By :Semsettin
Yesilyurt

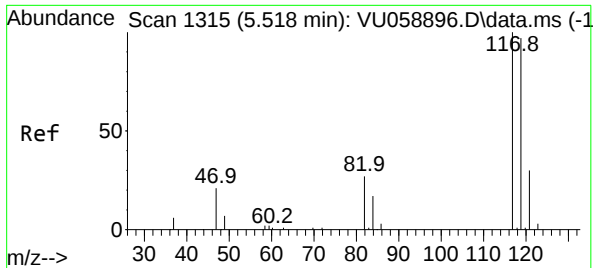
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#30
Cyclohexane
Concen: 0.212 ug/L m
RT: 5.377 min Scan# 1271
Delta R.T. -0.007 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

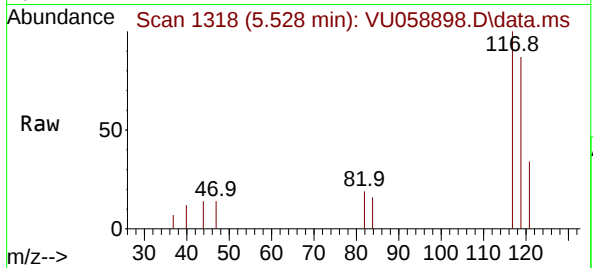
Tgt Ion: 56 Resp: 3483
Ion Ratio Lower Upper
56 100
69 29.6 24.8 37.2
84 105.2 69.8 104.8#





#31
Carbon tetrachloride
Concen: 0.255 ug/L
RT: 5.528 min Scan# 117
Delta R.T. 0.009 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

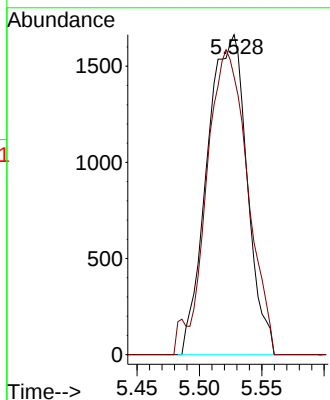
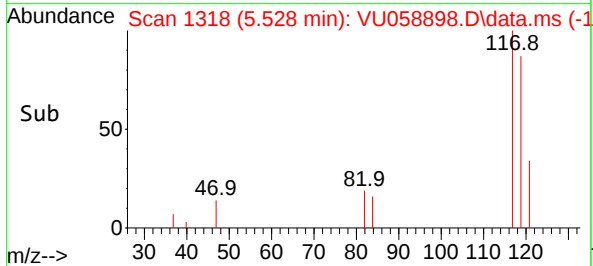
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion:117 Resp: 370
Ion Ratio Lower Upper
117 100
119 95.1 77.5 116.3

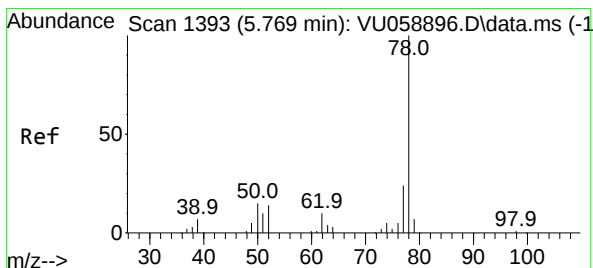
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Dadoda



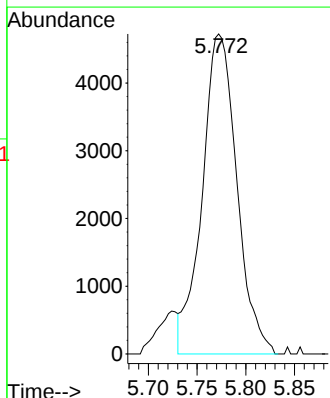
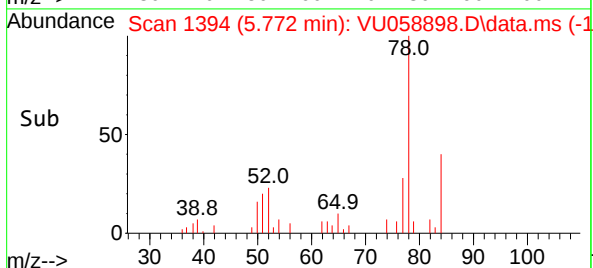
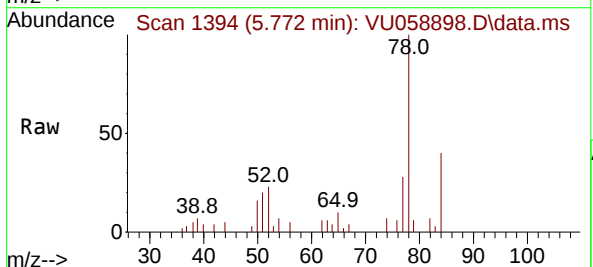
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Supervised By :Semsettin
Yesilyurt

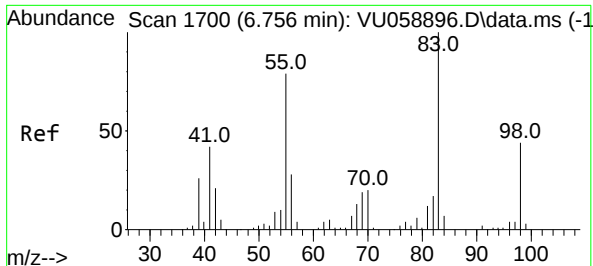
05/17/2024



#33
Benzene
Concen: 0.256 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 78 Resp: 11681





#35

Methylcyclohexane

Concen: 0.242 ug/L

RT: 6.756 min Scan# 1710

Delta R.T. -0.000 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

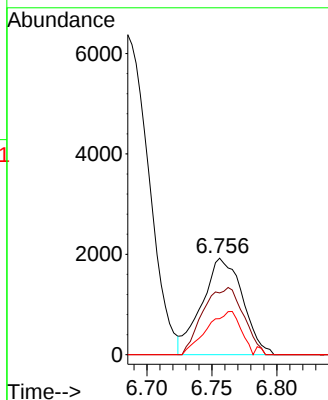
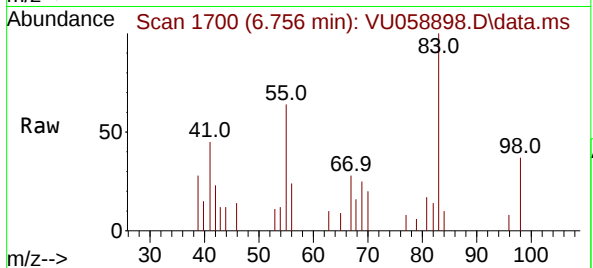
ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion: 83	Resp: 4180
Ion Ratio	Lower Upper
83	100
55	69.4 62.7 94.1
98	37.5 35.4 53.0

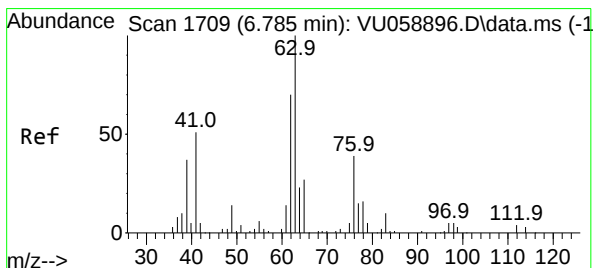
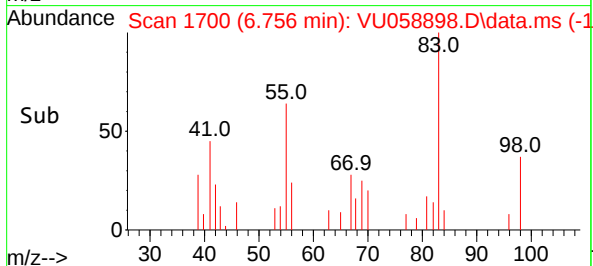
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Reviewed By :Mahesh
Dadoda



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Supervised By :Semsettin
Yesilyurt

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#37

1,2-Dichloropropane

Concen: 0.277 ug/L

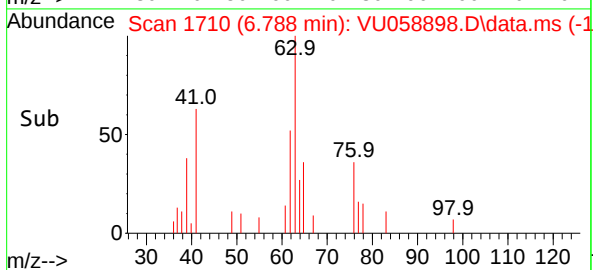
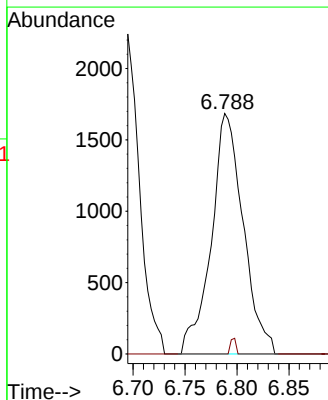
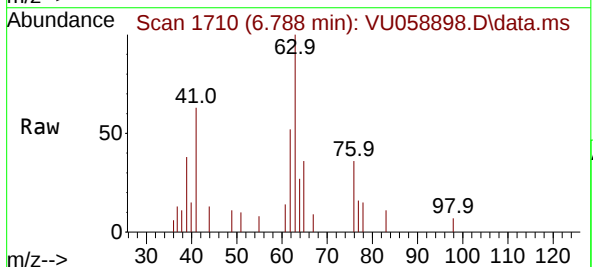
RT: 6.788 min Scan# 1710

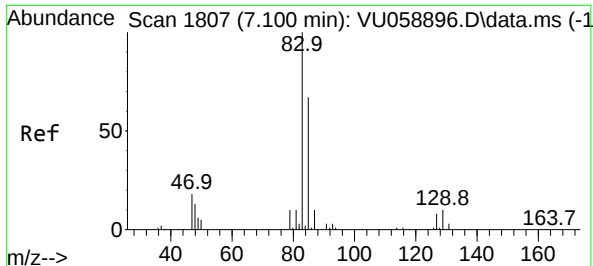
Delta R.T. 0.003 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

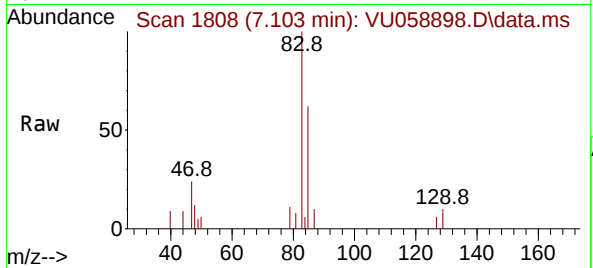
Tgt Ion: 63	Resp: 3596
Ion Ratio	Lower Upper
63	100
112	1.1 2.6 3.8





#38
Bromodichloromethane
Concen: 0.265 ug/L
RT: 7.103 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

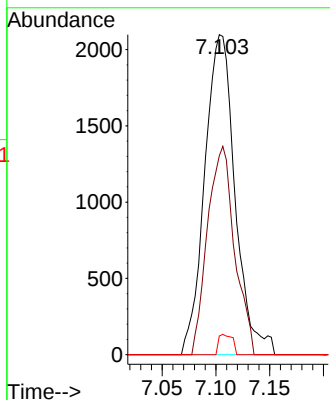
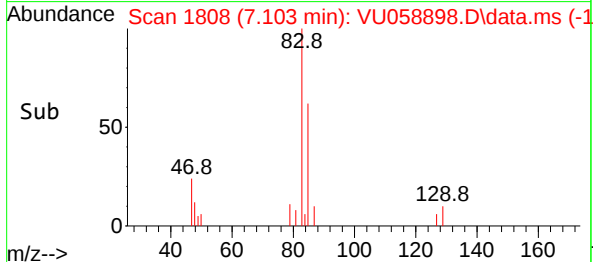
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion: 83 Resp: 4129
Ion Ratio Lower Upper
83 100
85 62.2 42.7 79.3
127 5.9 6.1 9.1

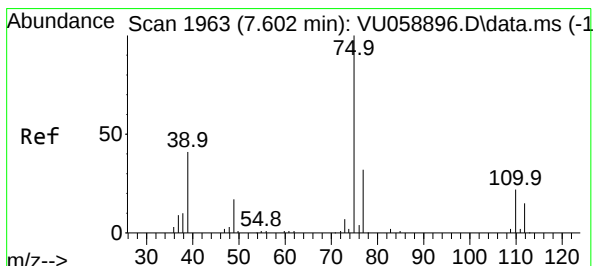
Manual Integrations
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Reviewed By :Mahesh
Dadoda



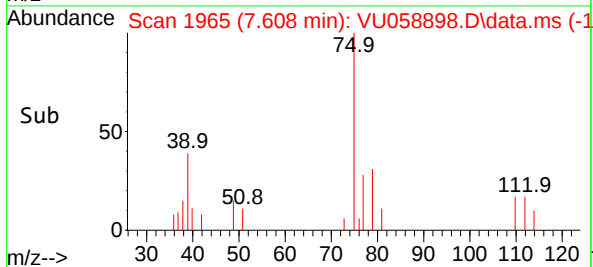
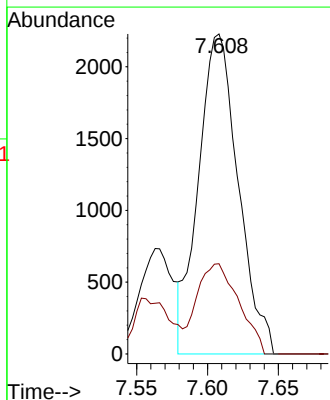
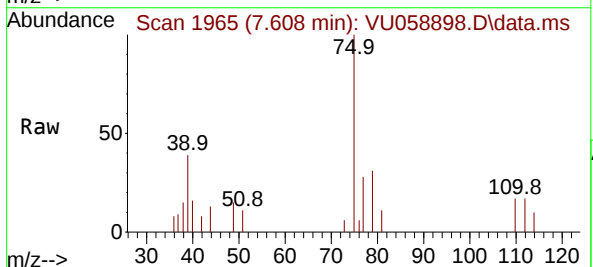
05/17/2024
Supervised By :Semsettin
Yesilyurt

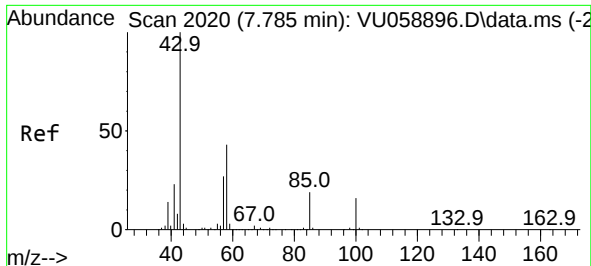
05/17/2024



#39
cis-1,3-Dichloropropene
Concen: 0.246 ug/L
RT: 7.608 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 75 Resp: 4354
Ion Ratio Lower Upper
75 100
77 28.2 22.0 40.8





#40

4-Methyl-2-pentanone

Concen: 2.176 ug/L

RT: 7.791 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

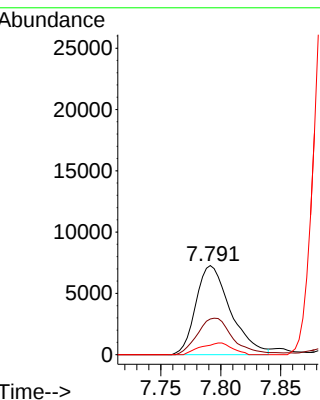
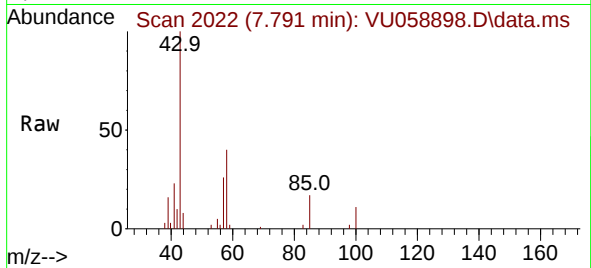
MDL-WATER-QT2-2024-04

Tgt Ion: 43 Resp: 1459

Ion	Ratio	Lower	Upper
43	100		
58	42.7	34.0	51.0
100	0.0	12.1	18.1

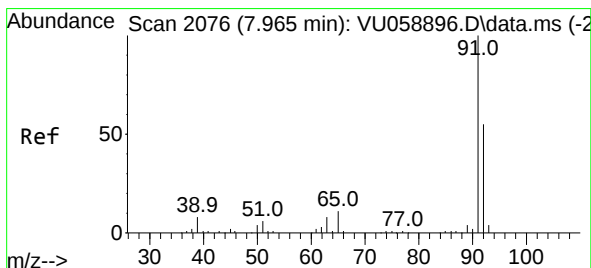
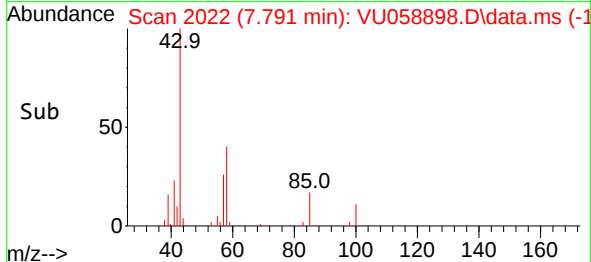
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



05/17/2024
Supervised By :Semsettin
Yesilyurt

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#42

Toluene

Concen: 0.245 ug/L

RT: 7.968 min Scan# 2077

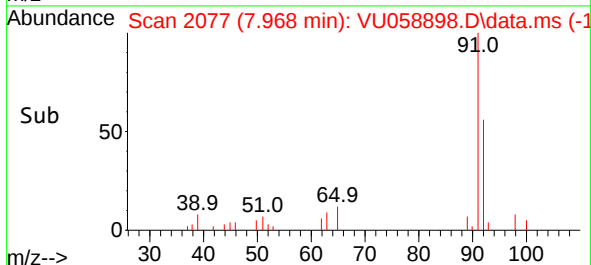
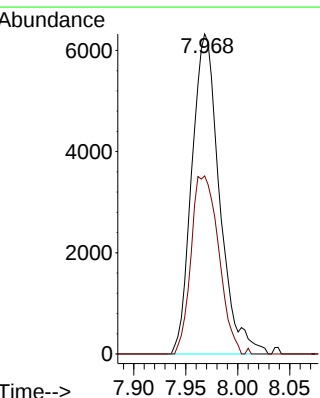
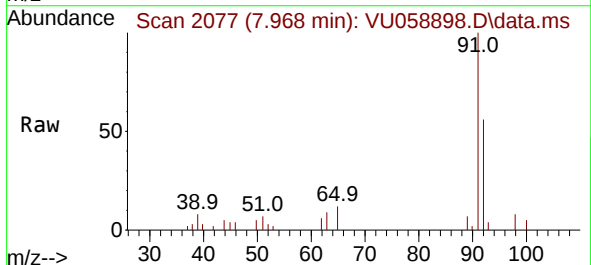
Delta R.T. 0.003 min

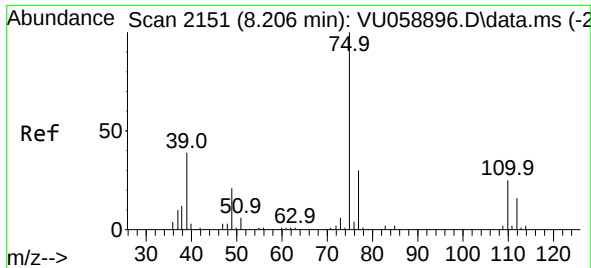
Lab File: VU058898.D

Acq: 15 May 2024 12:27

Tgt Ion: 91 Resp: 11691

Ion	Ratio	Lower	Upper
91	100		
92	55.6	39.7	73.7





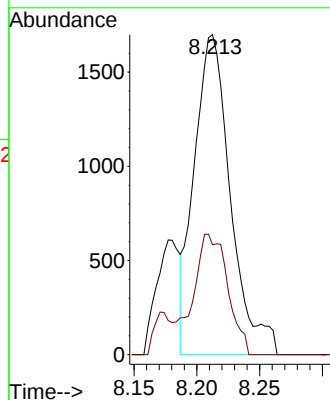
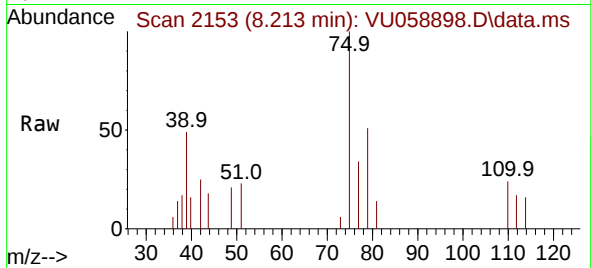
#44
trans-1,3-Dichloropropene
Concen: 0.237 ug/L m
RT: 8.213 min Scan# 2151
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion: 75 Resp: 341
Ion Ratio Lower Upper
75 100
77 34.4 22.0 41.0

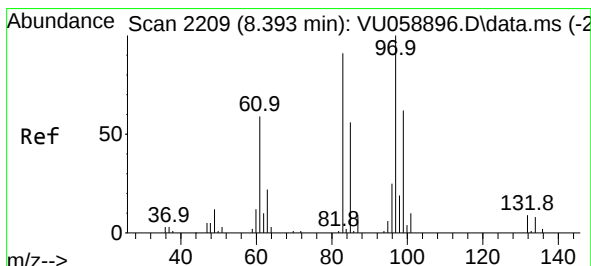
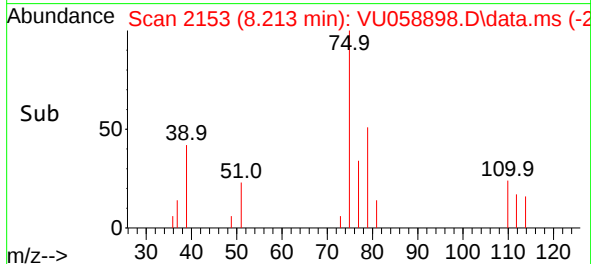
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



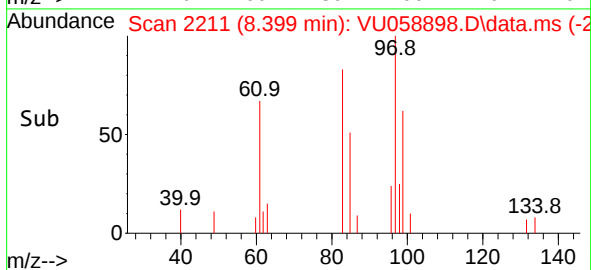
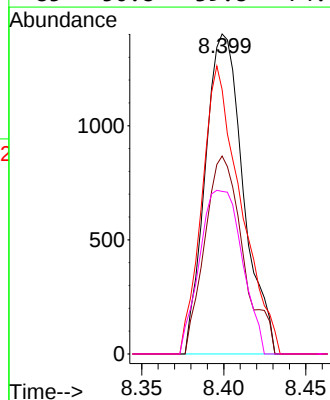
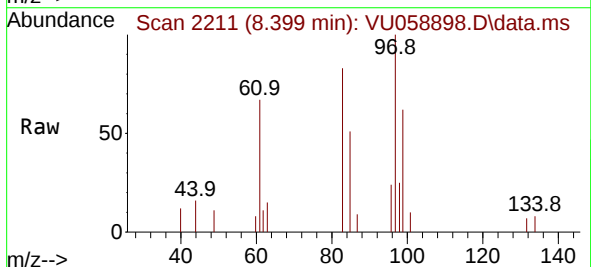
05/17/2024
Supervised By :Semsettin
Yesilyurt

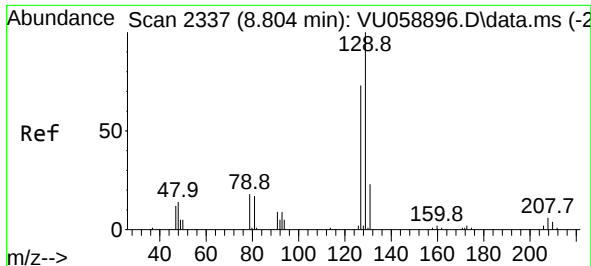
05/17/2024



#45
1,1,2-Trichloroethane
Concen: 0.248 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 97 Resp: 2263
Ion Ratio Lower Upper
97 100
99 61.8 43.3 80.3
83 82.6 62.3 115.7
85 50.8 39.8 74.0





#49

Dibromochloromethane

Concen: 0.263 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion:129 Resp: 252

Ion Ratio Lower Upper

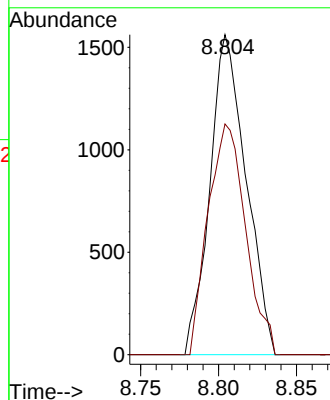
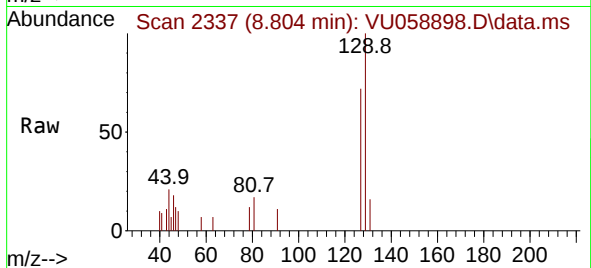
129 100

127 72.1 52.5 97.5

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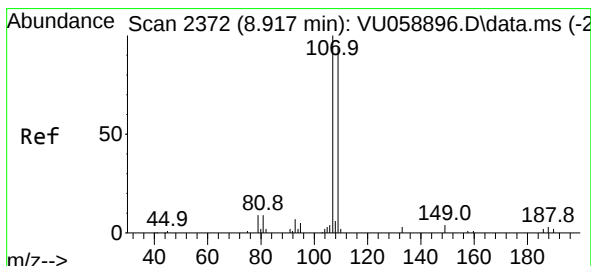
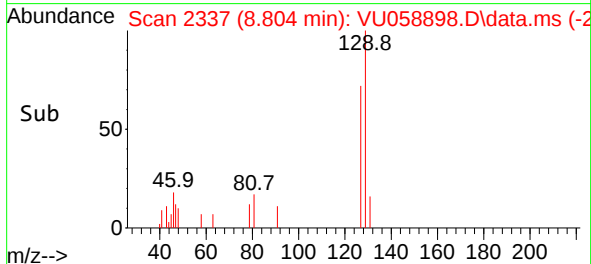
APPROVED

Reviewed By :Mahesh
Dadoda



05/17/2024
Supervised By :Semsettin
Yesilyurt

05/17/2024



#50

1,2-Dibromoethane

Concen: 0.267 ug/L

RT: 8.926 min Scan# 2375

Delta R.T. 0.009 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

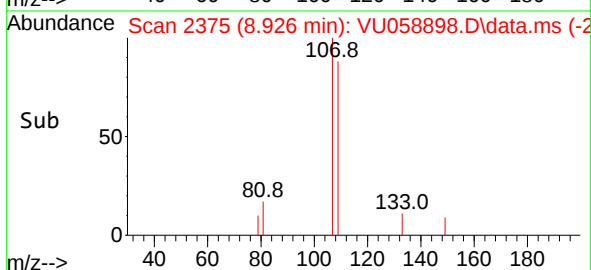
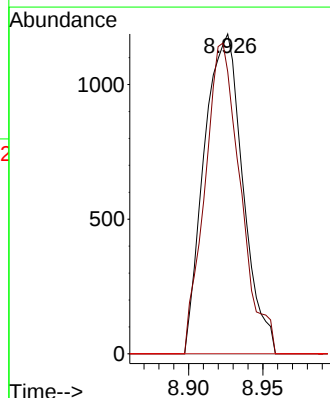
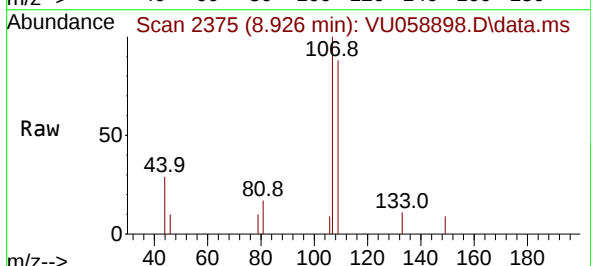
Tgt Ion:107 Resp: 2154

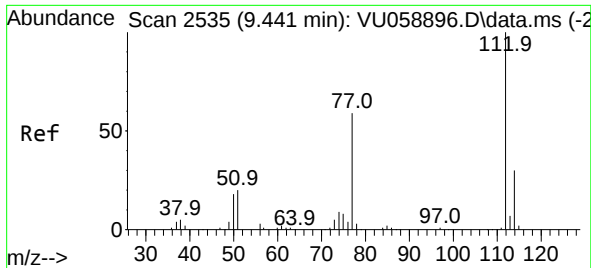
Ion Ratio Lower Upper

107 100

109 88.2 66.9 124.3

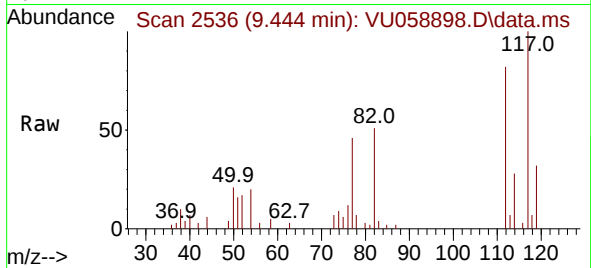
188 0.0 2.7 4.1#





#51
Chlorobenzene
Concen: 0.259 ug/L
RT: 9.444 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

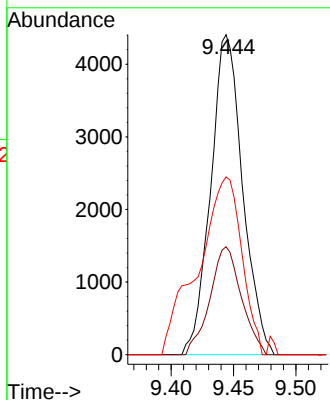
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion:	112	Resp:	786
Ion Ratio	Lower	Upper	
112	100		
114	33.8	22.4	41.6
77	55.5	49.1	73.7

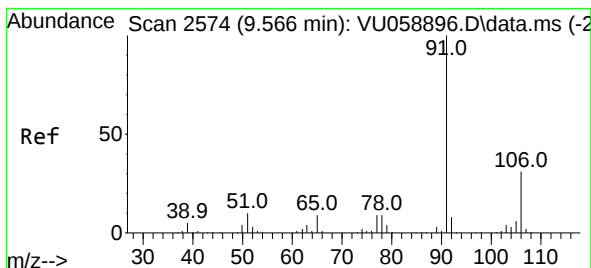
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



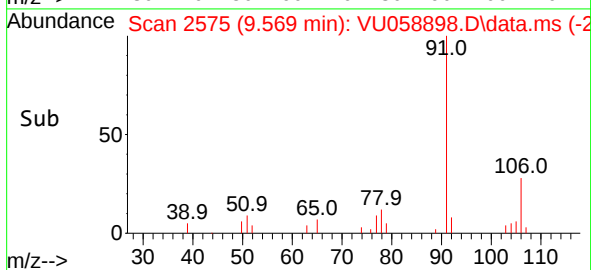
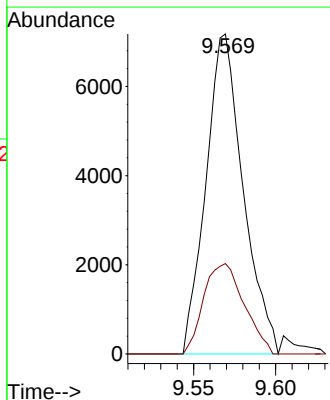
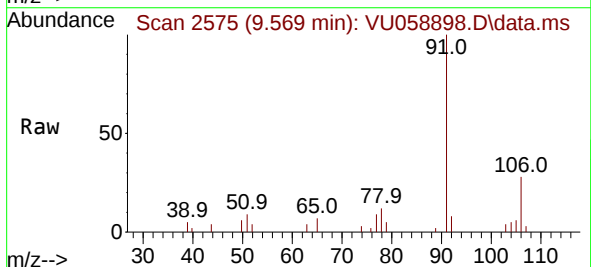
05/17/2024
Supervised By :Semsettin
Yesilyurt

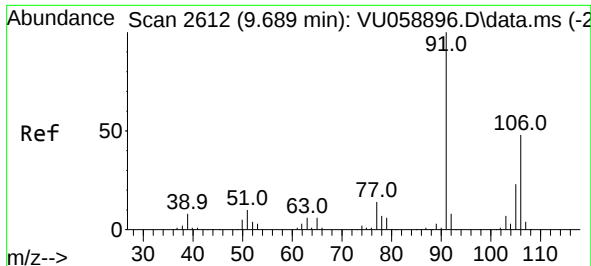
05/17/2024



#52
Ethylbenzene
Concen: 0.220 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion:	91	Resp:	11303
Ion Ratio	Lower	Upper	
91	100		
106	28.3	20.9	38.7





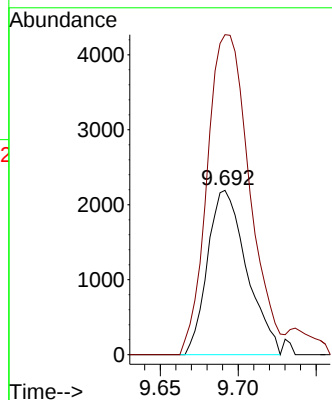
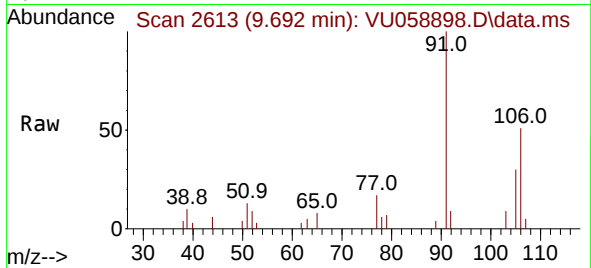
#53
m,p-Xylene
Concen: 0.203 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion:106 Resp: 383
Ion Ratio Lower Upper
106 100
91 194.7 142.0 263.8

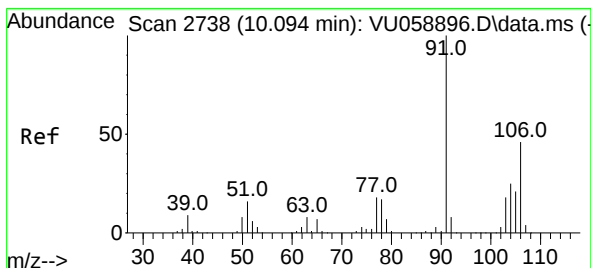
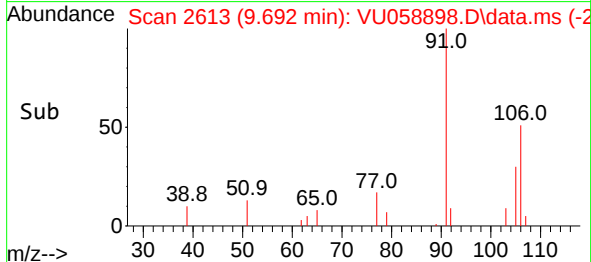
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



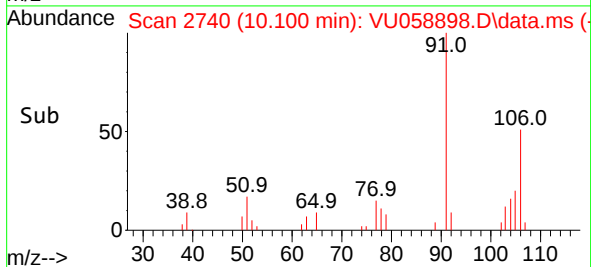
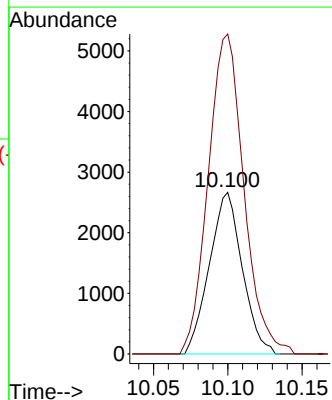
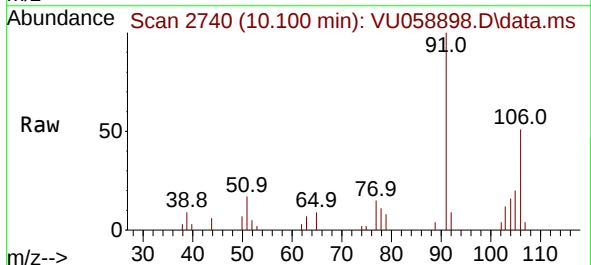
05/17/2024
Supervised By :Semsettin
Yesilyurt

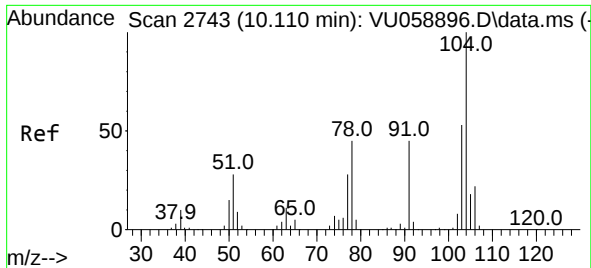
05/17/2024



#54
o-Xylene
Concen: 0.223 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion:106 Resp: 4100
Ion Ratio Lower Upper
106 100
91 197.9 151.6 281.6





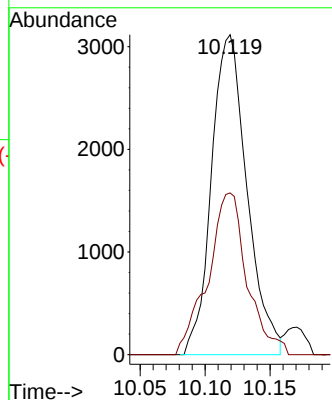
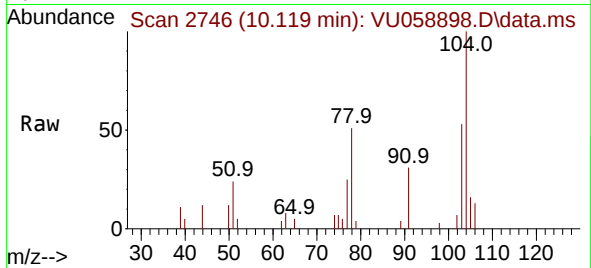
#55
Styrene
Concen: 0.191 ug/L
RT: 10.119 min Scan# 2746
Delta R.T. 0.009 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion:104 Resp: 5918
Ion Ratio Lower Upper
104 100
78 50.5 32.3 60.1

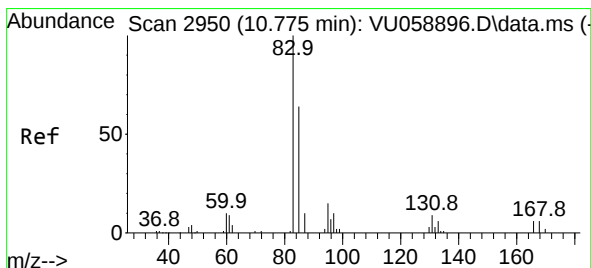
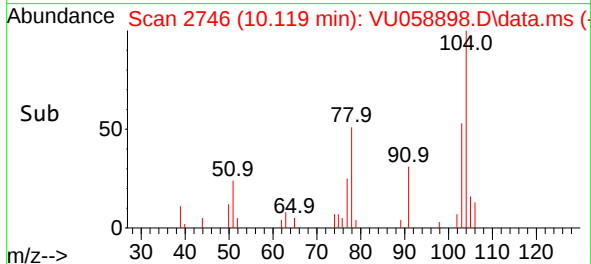
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



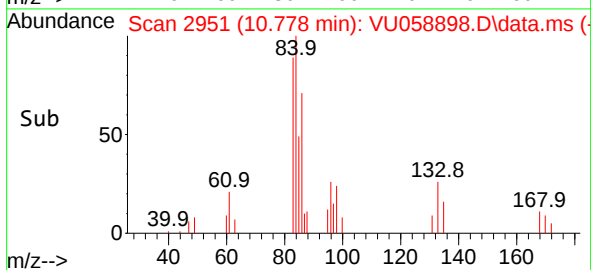
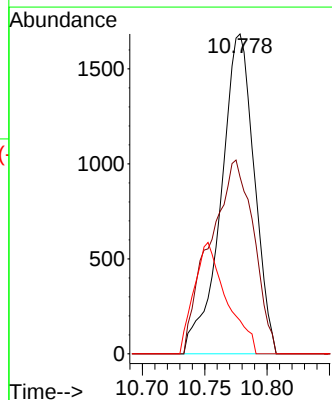
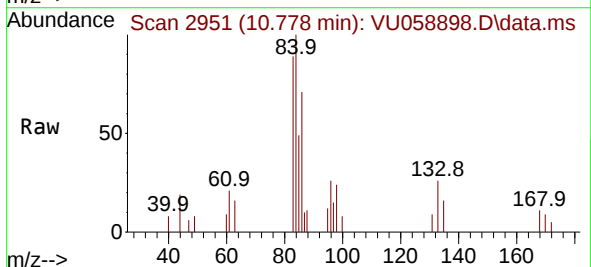
05/17/2024
Supervised By :Semsettin
Yesilyurt

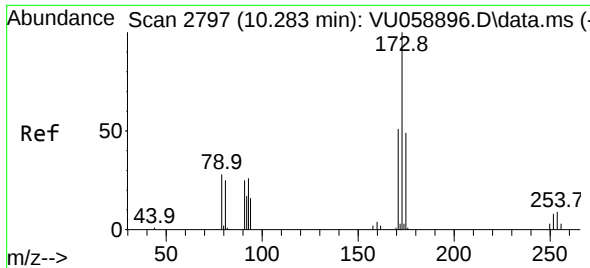
05/17/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 0.270 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

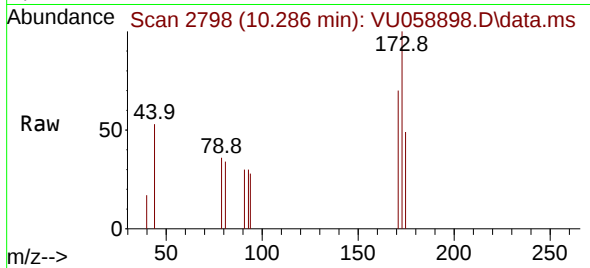
Tgt Ion: 83 Resp: 3126
Ion Ratio Lower Upper
83 100
85 55.3 44.7 82.9
131 10.5 6.9 10.3#





#59
Bromoform
Concen: 0.227 ug/L
RT: 10.286 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

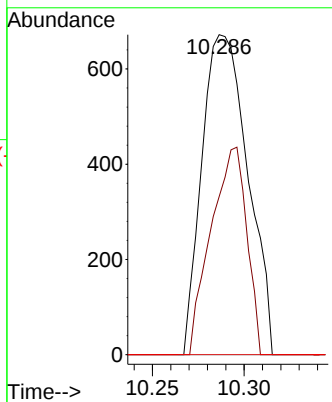
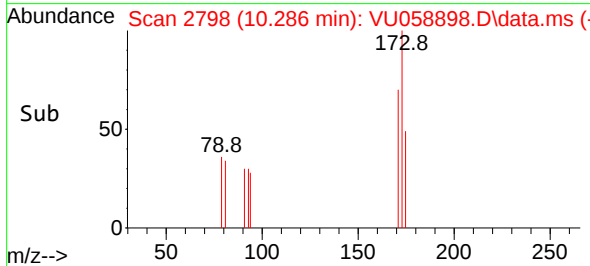
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.4	39.4	59.2
254	0.0	7.4	11.2

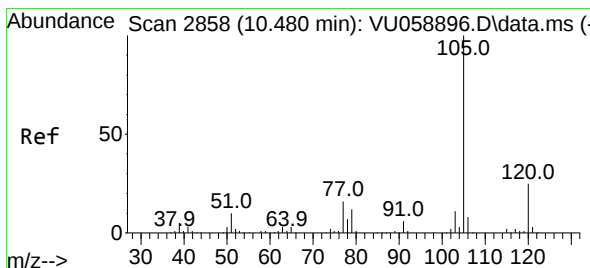
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

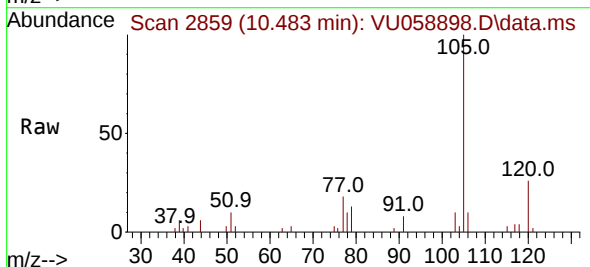


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Supervised By :Semsettin
Yesilyurt

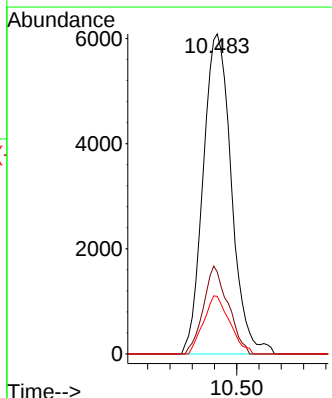
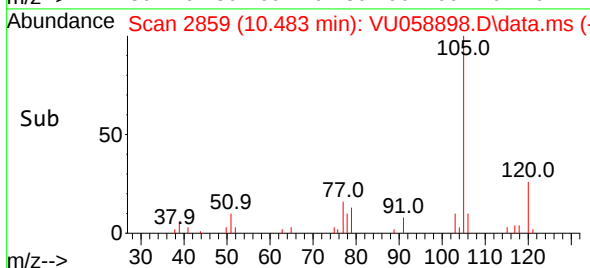
05/17/2024

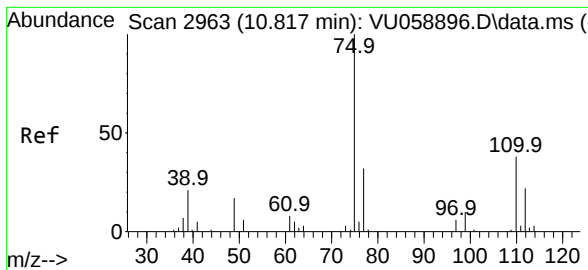


#60
Isopropylbenzene
Concen: 0.237 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27



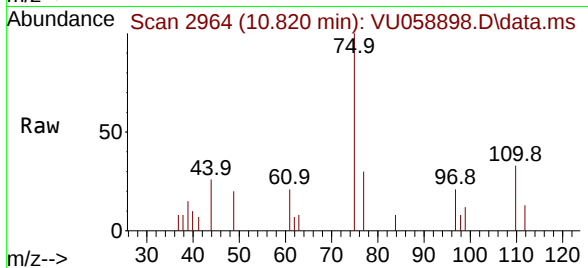
Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.1	20.6	31.0
77	16.8	12.8	19.2





#61
1,2,3-Trichloropropane
Concen: 0.286 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

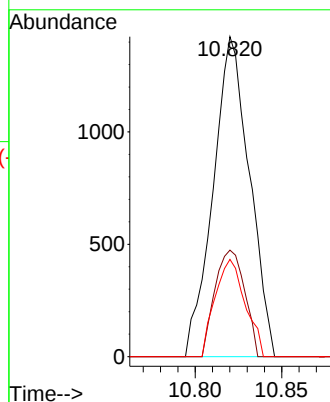
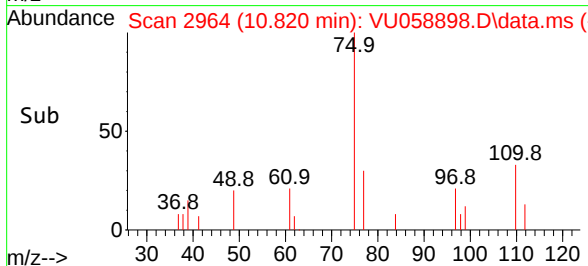
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2024-04



Tgt Ion: 75 Resp: 2078
Ion Ratio Lower Upper
75 100
110 27.1 27.1 40.7
77 25.1 25.4 38.2

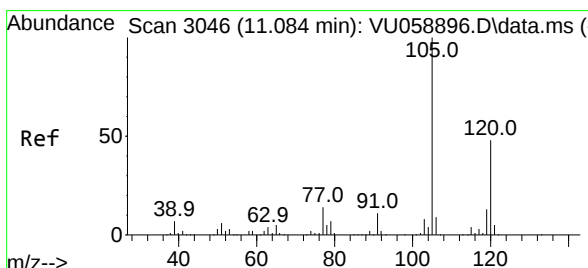
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

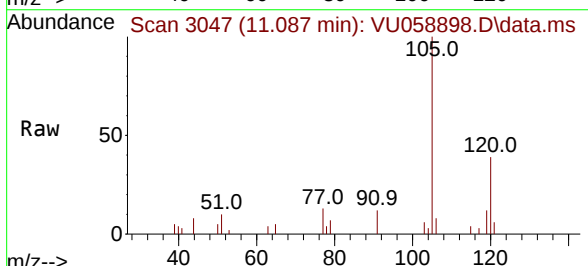


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Supervised By :Semsettin
Yesilyurt

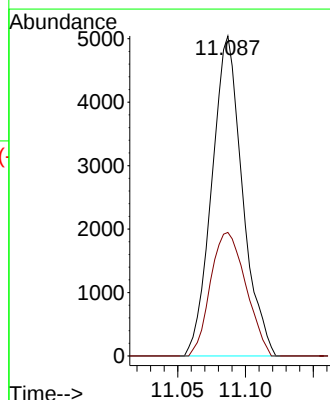
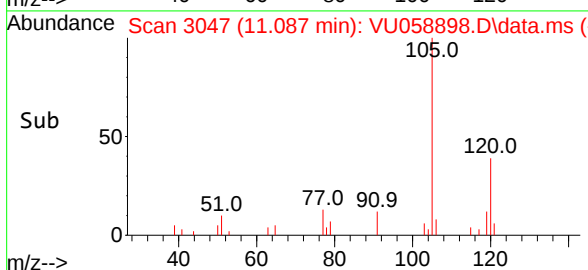
05/17/2024

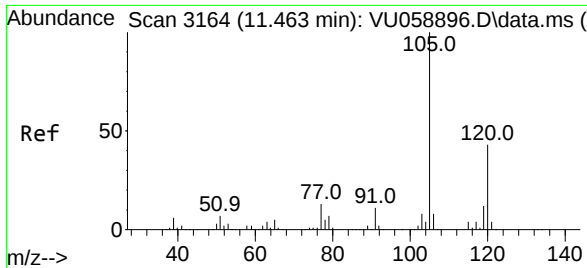


#62
1,3,5-Trimethylbenzene
Concen: 0.220 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27



Tgt Ion:105 Resp: 7928
Ion Ratio Lower Upper
105 100
120 44.5 38.2 57.4





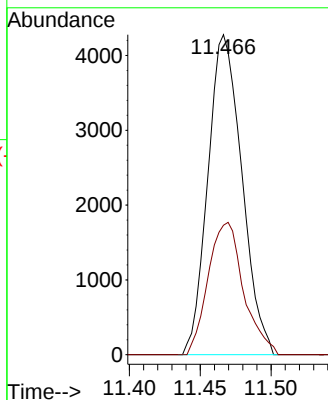
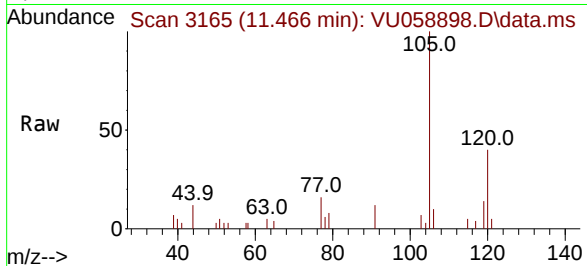
#63
1,2,4-Trimethylbenzene
Concen: 0.200 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion:105 Resp: 7134
Ion Ratio Lower Upper
105 100
120 43.1 35.4 53.0

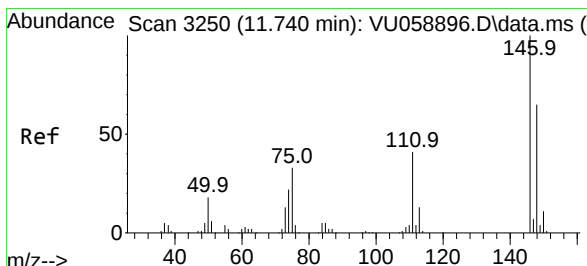
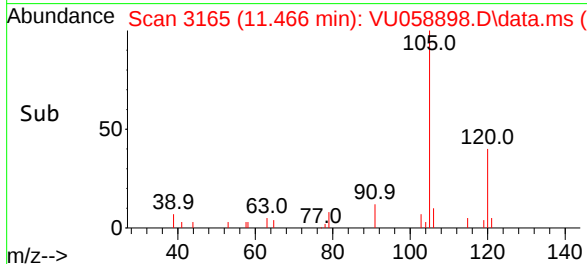
Manual Integrations
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Reviewed By :Mahesh
Dadoda



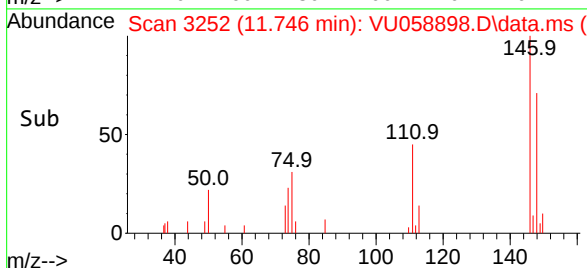
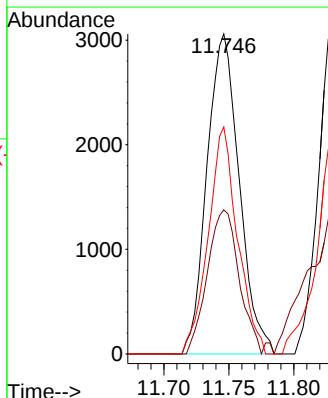
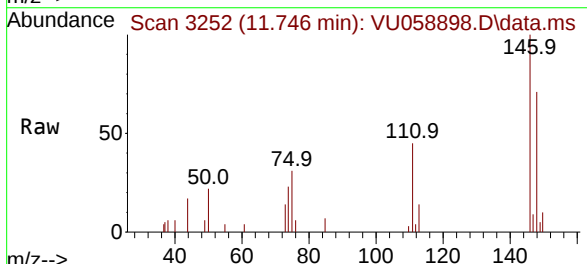
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Supervised By :Semsettin
Yesilyurt

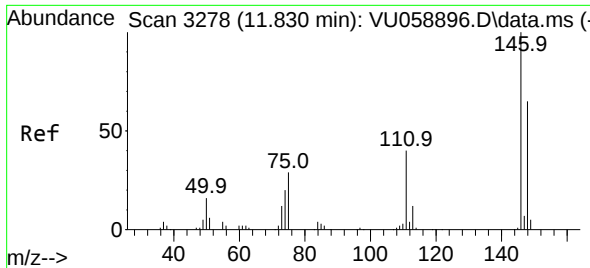
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#64
1,3-Dichlorobenzene
Concen: 0.240 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

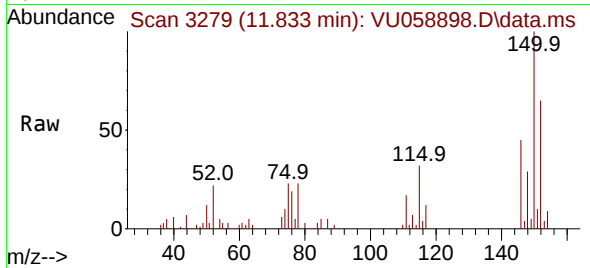
Tgt Ion:146 Resp: 5279
Ion Ratio Lower Upper
146 100
111 45.0 27.4 51.0
148 71.0 45.0 83.6





#65
1,4-Dichlorobenzene
Concen: 0.276 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

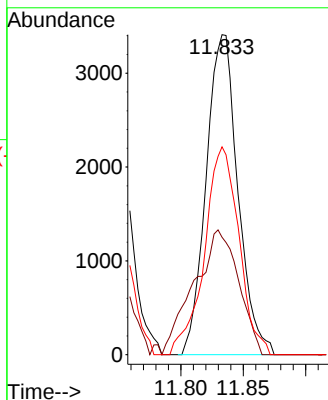
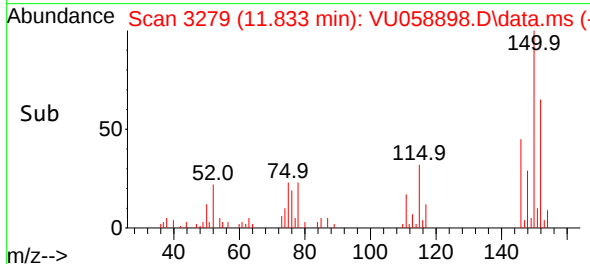
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion:146 Resp: 604
Ion Ratio Lower Upper
146 100
111 36.7 26.9 50.1
148 64.9 45.3 84.1

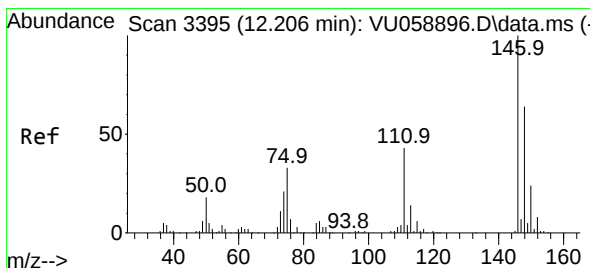
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Reviewed By :Mahesh
Dadoda



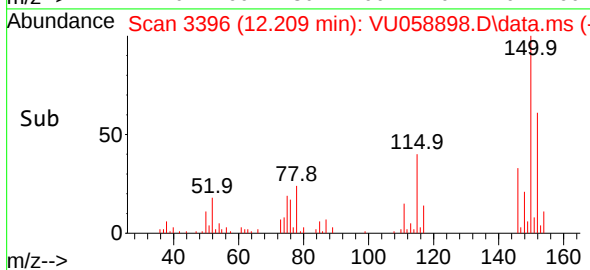
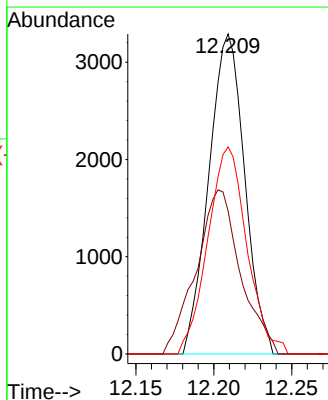
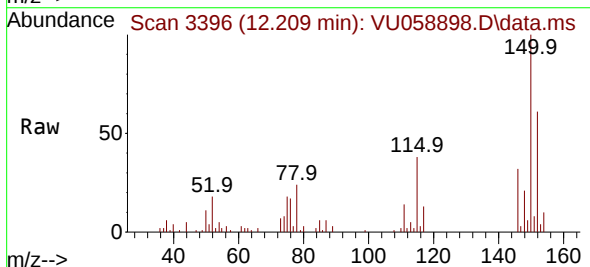
05/17/2024
Supervised By :Semsettin
Yesilyurt

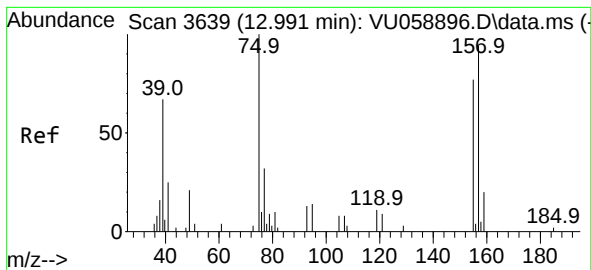
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#67
1,2-Dichlorobenzene
Concen: 0.256 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

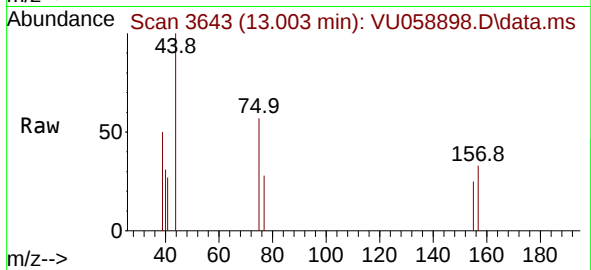
Tgt Ion:146 Resp: 5260
Ion Ratio Lower Upper
146 100
111 44.6 33.4 50.0
148 64.7 49.7 74.5





#68
1,2-Dibromo-3-chloropropane
Concen: 0.266 ug/L
RT: 13.003 min Scan# 3643
Delta R.T. 0.013 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

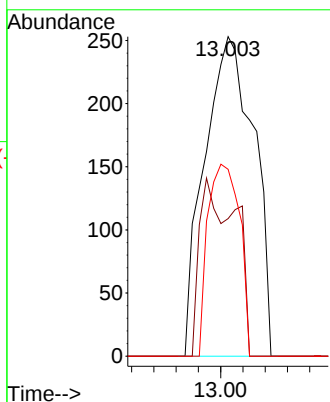
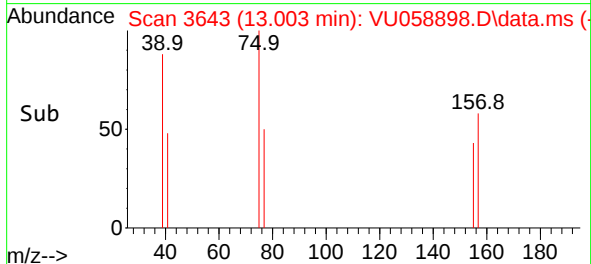
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion: 75 Resp: 389
Ion Ratio Lower Upper
75 100
155 43.1 58.2 87.2
157 58.5 80.0 120.0

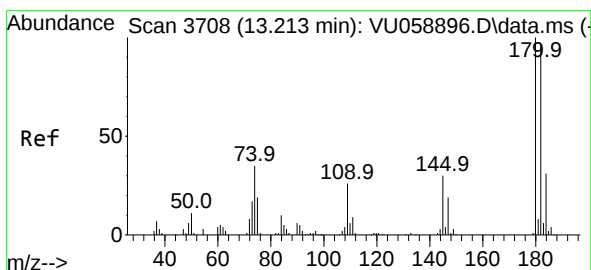
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Reviewed By :Mahesh
Dadoda

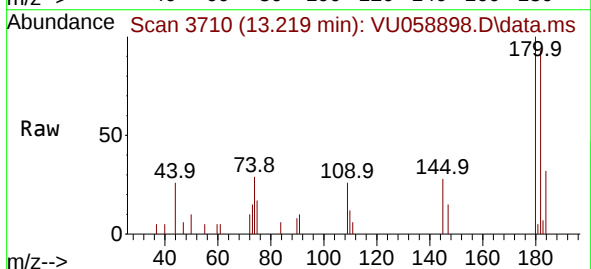


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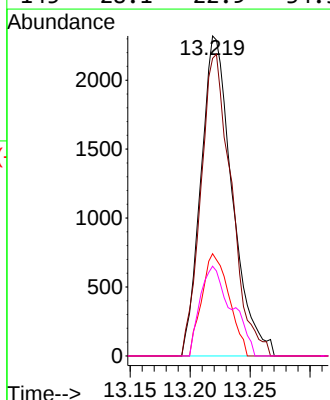
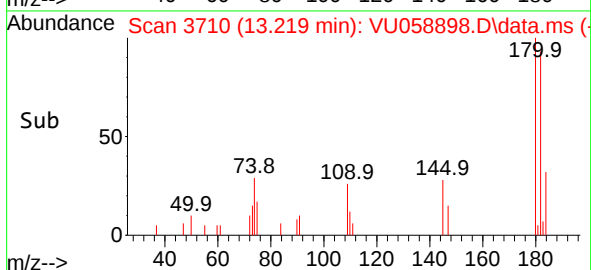
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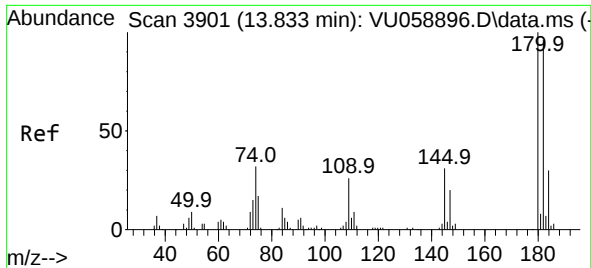


#69
1,3,5-Trichlorobenzene
Concen: 0.256 ug/L
RT: 13.219 min Scan# 3710
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27



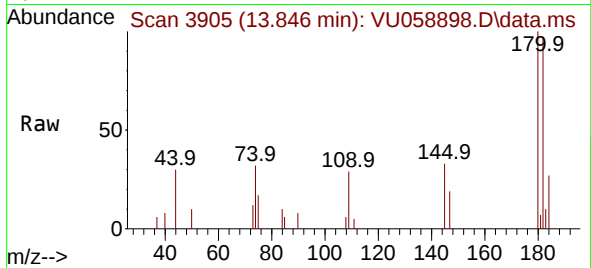
Tgt Ion:180 Resp: 4214
Ion Ratio Lower Upper
180 100
182 92.3 75.4 113.0
184 27.7 23.0 34.6
145 28.1 22.9 34.3





#70
1,2,4-trichlorobenzene
Concen: 0.243 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.013 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

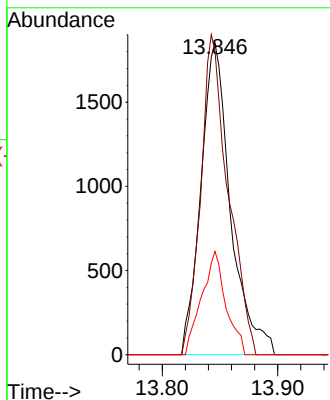
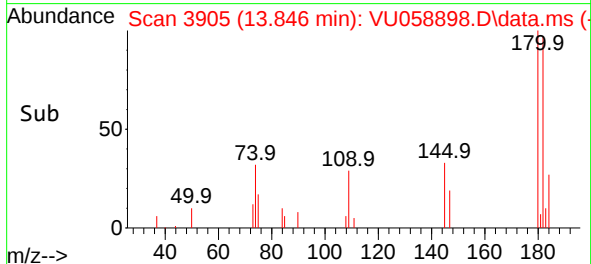
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt Ion:180 Resp: 330
Ion Ratio Lower Upper
180 100
182 95.2 74.9 112.3
145 27.1 23.9 35.9

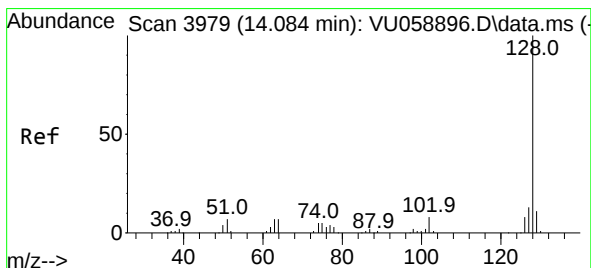
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Dadoda

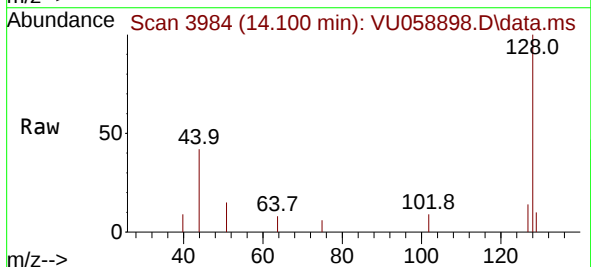


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Supervised By :Semsettin
Yesilyurt

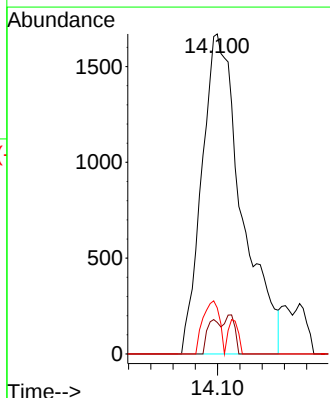
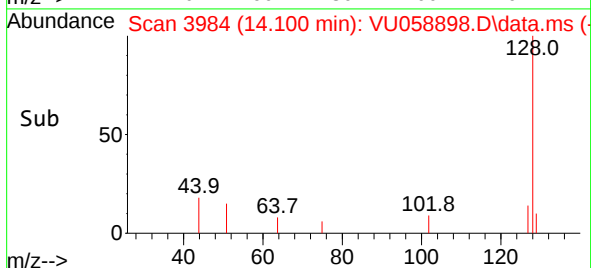
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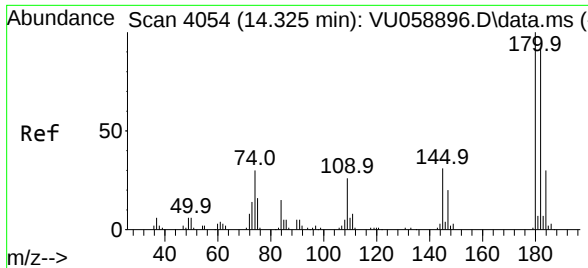


#71
Naphthalene
Concen: 0.203 ug/L
RT: 14.100 min Scan# 3984
Delta R.T. 0.016 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27



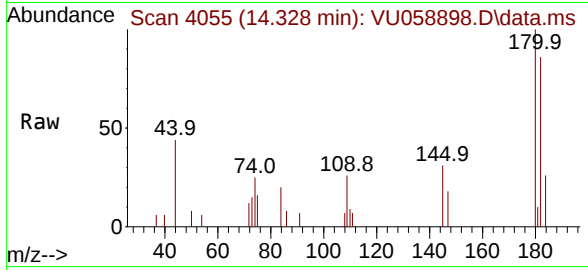
Tgt Ion:128 Resp: 4148
Ion Ratio Lower Upper
128 100
129 3.6 8.2 12.4#
127 6.9 10.2 15.4#





#72
1,2,3-Trichlorobenzene
Concen: 0.246 ug/L
RT: 14.328 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

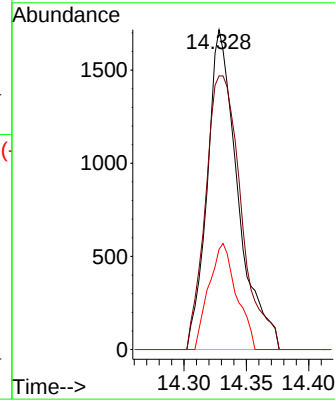
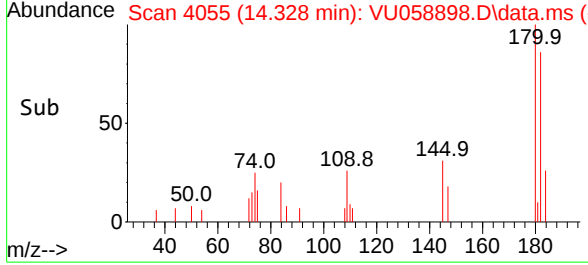
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2024-04



Tgt Ion:	180	Resp:	293.8
Ion	Ratio	Lower	Upper
180	100		
182	99.8	77.0	115.6
145	29.9	26.2	39.4

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Dadoda



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Yesilyurt

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