

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122923\
 Data File : VU057373.D
 Acq On : 29 Dec 2023 15:57
 Operator : MD/SY
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Quant Time: Dec 29 23:38:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 23:01:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

01/01/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144940	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63179	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.596	65	30938	2.483	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.600%
7) Chloroethane-d5	1.911	69	29499	2.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.000%#
11) 1,1-Dichloroethene-d2	2.563	65	17457	3.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.637	46	95240	33.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.500%
24) Chloroform-d	5.055	84	99780	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	55184	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.721	84	159202	3.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.685	67	46455	3.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.600%
41) Toluene-d8	7.894	98	137553	3.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	21353	4.163	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.631	63	68832	29.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	39540	3.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	55845	4.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.383	85	2272	0.216	ug/L	97
3) Chloromethane	1.515	50	2248	0.193	ug/L	94
5) Vinyl chloride	1.599	62	2035	0.168	ug/L #	60
6) Bromomethane	1.856	94	1303	0.228	ug/L	88
8) Chloroethane	1.930	64	1135	0.145	ug/L	88
9) Trichlorofluoromethane	2.136	101	4677	0.268	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2800	0.266	ug/L	93
12) 1,1-Dichloroethene	2.580	96	2416	0.255	ug/L #	1
14) Carbon disulfide	2.792	76	5576	0.206	ug/L #	90
17) Methyl tert-butyl Ether	3.364	73	4779	0.200	ug/L #	87
18) trans-1,2-Dichloroethene	3.351	96	1938	0.206	ug/L	93
19) 1,1-Dichloroethane	3.866	63	3859	0.195	ug/L #	83
21) 2-Butanone	4.727	43	4510m	1.717	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	2402	0.221	ug/L	99
23) Bromochloromethane	4.978	128	1196	0.246	ug/L #	40
27) 1,2-Dichloroethane	5.795	62	3557	0.272	ug/L #	76
29) 1,1,1-Trichloroethane	5.309	97	5015	0.277	ug/L	94
31) Carbon tetrachloride	5.522	117	4557	0.300	ug/L	87
33) Benzene	5.769	78	9487	0.230	ug/L	100

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

37) 1,2-Dichloropropane	6.775	63	2386m	0.208	ug/L	
38) Bromodichloromethane	7.103	83	3329	0.225	ug/L	88
39) cis-1,3-Dichloropropene	7.608	75	3318	0.212	ug/L	88
40) 4-Methyl-2-pentanone	7.792	43	8232	1.408	ug/L #	88
42) Toluene	7.968	91	9687	0.218	ug/L	94
44) trans-1,3-Dichloropropene	8.206	75	2803	0.205	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	1868	0.224	ug/L	87
47) Tetrachloroethene	8.550	164	1872	0.241	ug/L #	74
48) 2-Hexanone	8.689	43	11613m	2.695	ug/L	
49) Dibromochloromethane	8.808	129	1958	0.206	ug/L	78
50) 1,2-Dibromoethane	8.923	107	1669	0.223	ug/L #	65
51) Chlorobenzene	9.441	112	5784	0.214	ug/L #	80
52) Ethylbenzene	9.570	91	9108	0.206	ug/L	92
53) m,p-Xylene	9.695	106	3284	0.195	ug/L	83
54) o-Xylene	10.097	106	3234	0.202	ug/L	95
55) Styrene	10.116	104	4576	0.169	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	2137	0.207	ug/L #	90
59) Bromoform	10.287	173	1371	0.277	ug/L #	93
60) Isopropylbenzene	10.480	105	8944	0.231	ug/L	96
61) 1,2,3-Trichloropropane	10.824	75	1118	0.169	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.084	105	6683	0.220	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	6641	0.220	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	4721	0.254	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	4656	0.246	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	4536	0.253	ug/L	90
69) 1,3,5-Trichlorobenzene	13.219	180	3700m	0.278	ug/L	
70) 1,2,4-trichlorobenzene	13.843	180	3356	0.317	ug/L	95

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

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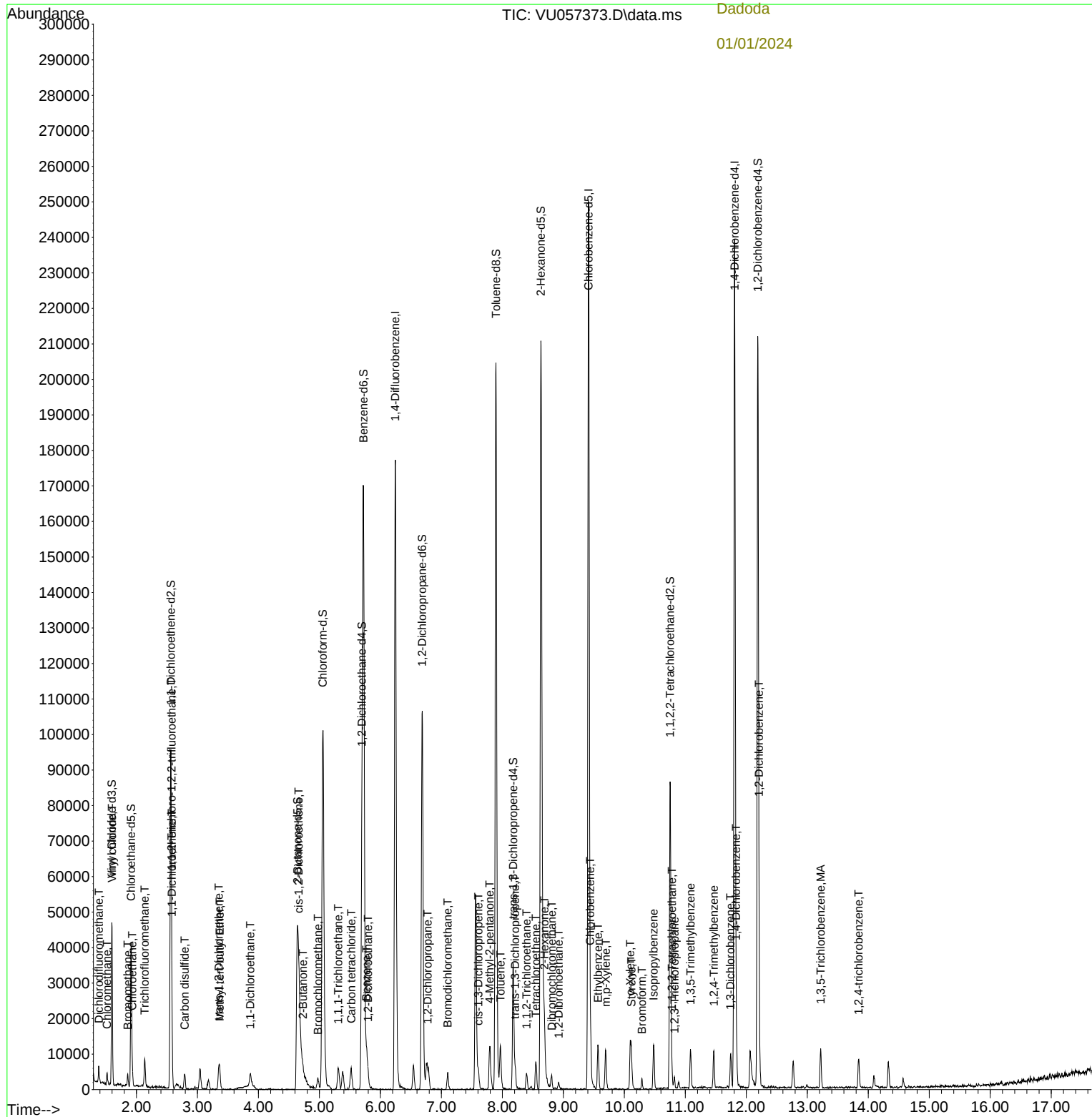
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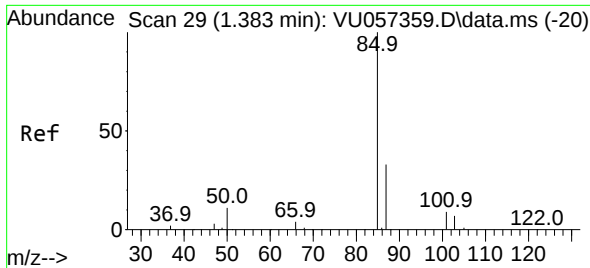
Manual Integrations
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Yesilyurt

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Supervised By : Mahesh
Dadoda

01/01/2024





#2
Dichlorodifluoromethane
Concen: 0.216 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

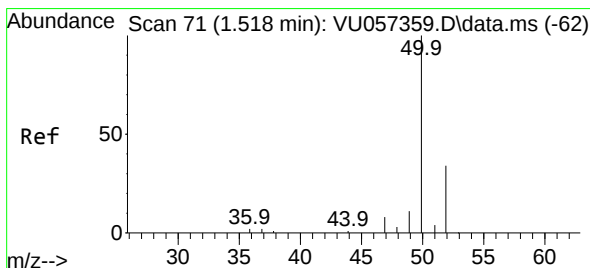
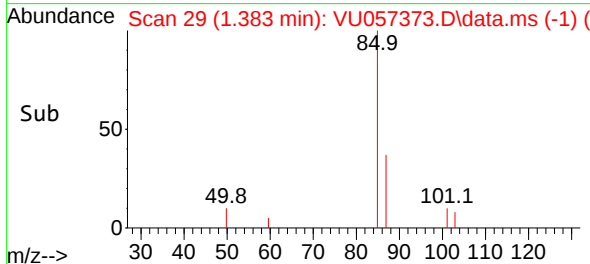
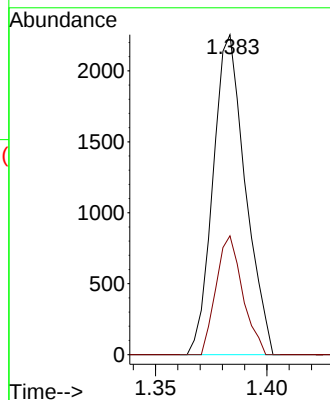
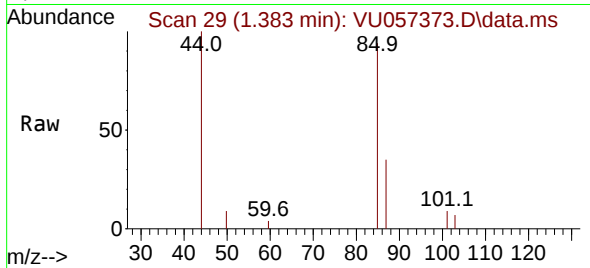
Tgt Ion: 85 Resp: 2272
Ion Ratio Lower Upper
85 100
87 30.5 25.9 38.9

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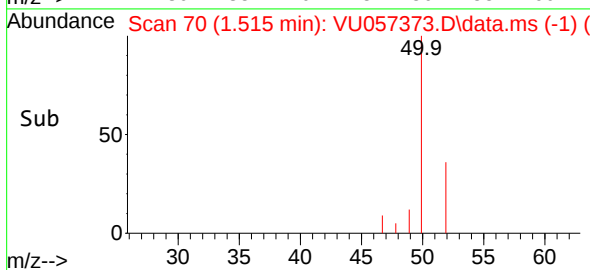
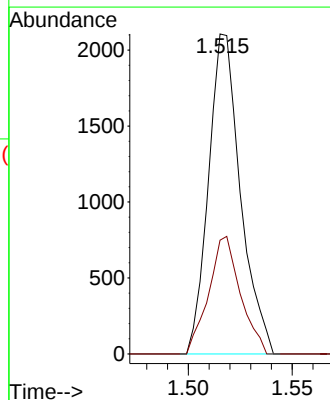
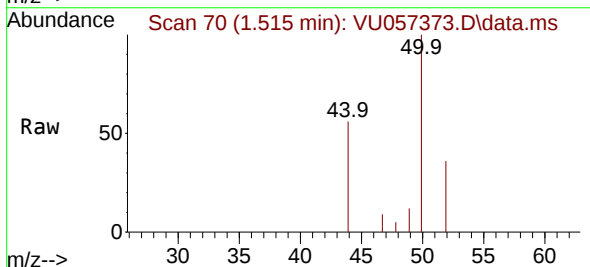
01/01/2024
Supervised By :Mahesh
Dadoda

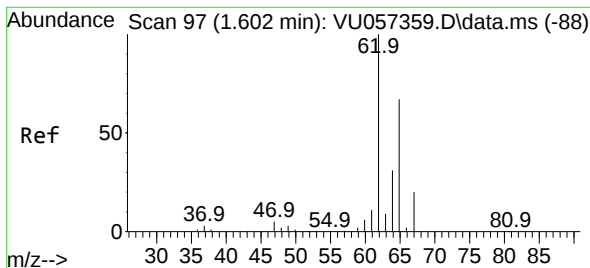
01/01/2024



#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion: 50 Resp: 2248
Ion Ratio Lower Upper
50 100
52 35.6 22.5 41.7





#5
 Vinyl chloride
 Concen: 0.168 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-07

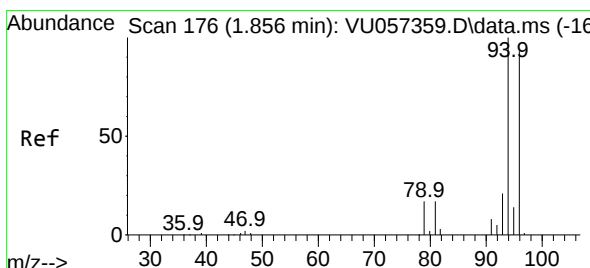
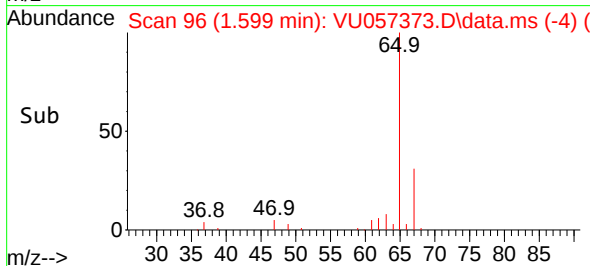
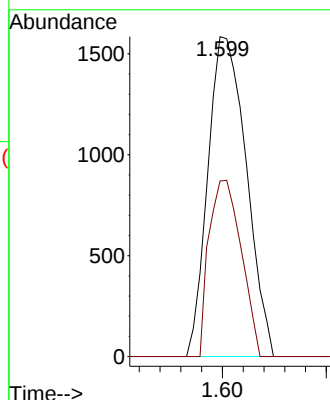
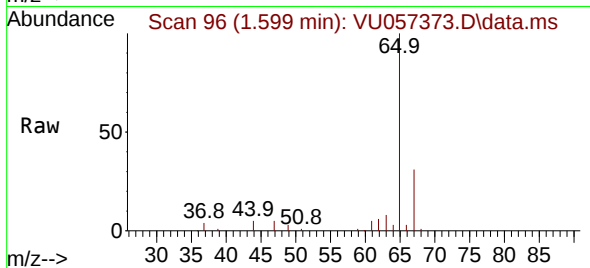
Tgt Ion: 62 Resp: 203
 Ion Ratio Lower Upper
 62 100
 64 54.9 22.8 42.4

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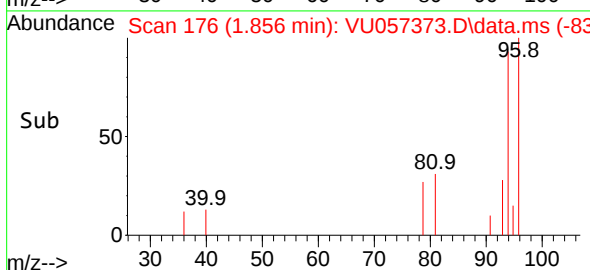
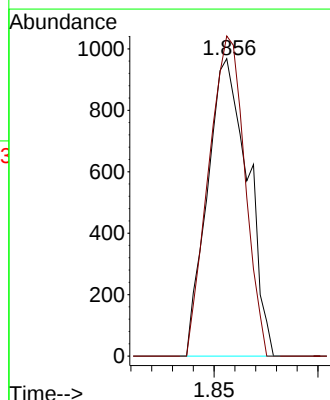
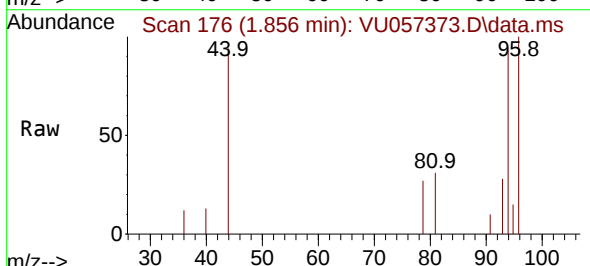
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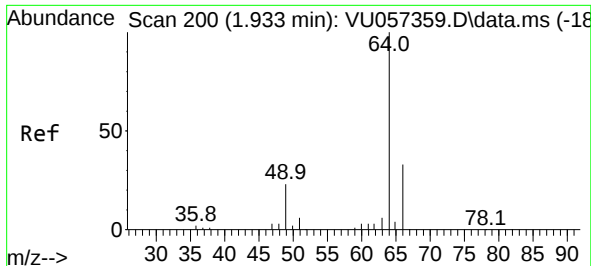
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#6
 Bromomethane
 Concen: 0.228 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU057373.D
 Acq: 29 Dec 2023 15:57

Tgt Ion: 94 Resp: 1303
 Ion Ratio Lower Upper
 94 100
 96 107.6 67.3 125.1





#8

Chloroethane

Concen: 0.145 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 64 Resp: 1135
 Ion Ratio Lower Upper
 64 100
 66 40.1 23.3 43.3

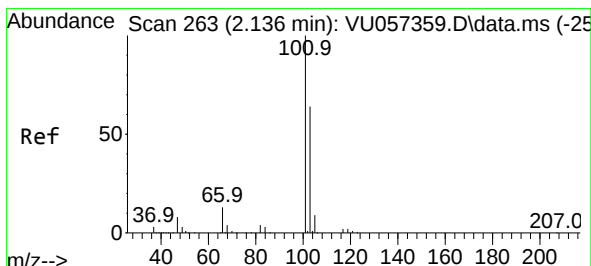
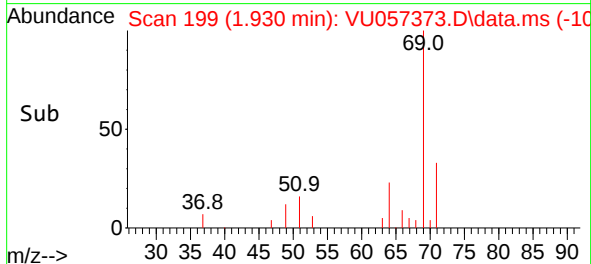
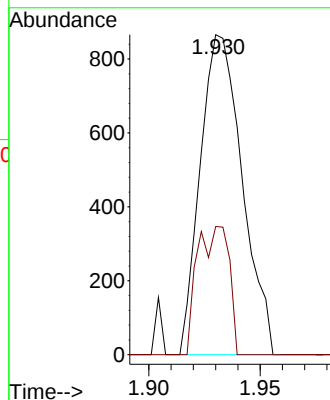
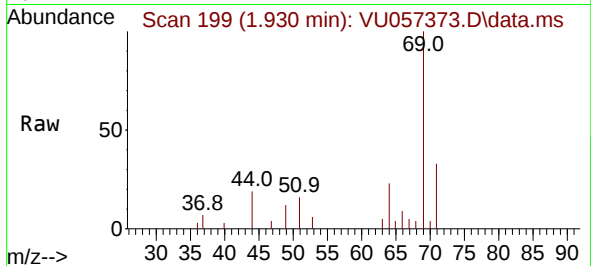
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#9

Trichlorofluoromethane

Concen: 0.268 ug/L

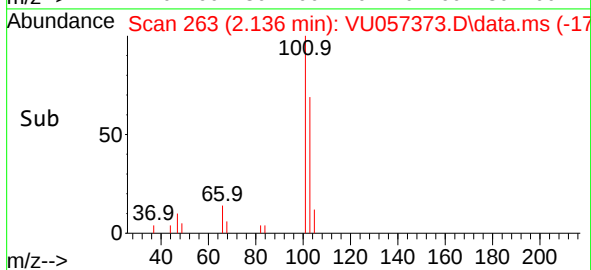
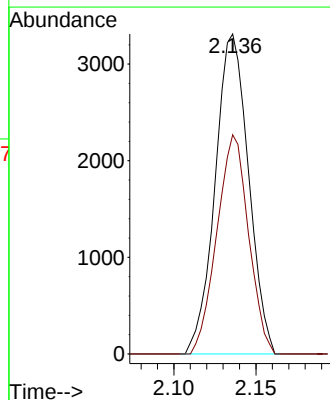
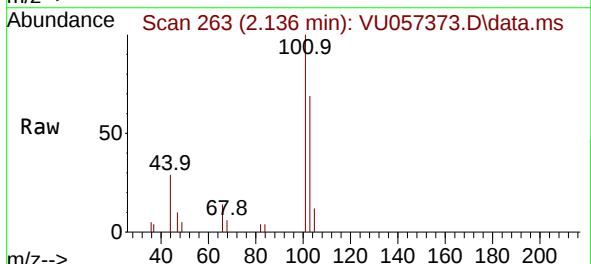
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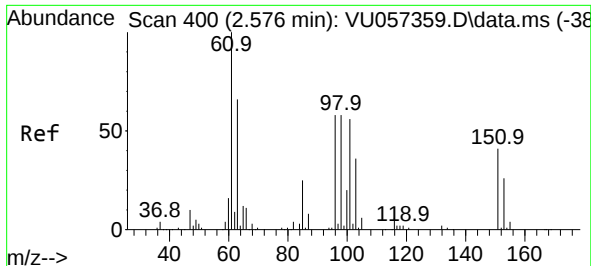
Delta R.T. 0.000 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Tgt Ion:101 Resp: 4677
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.266 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
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ClientSampleId :
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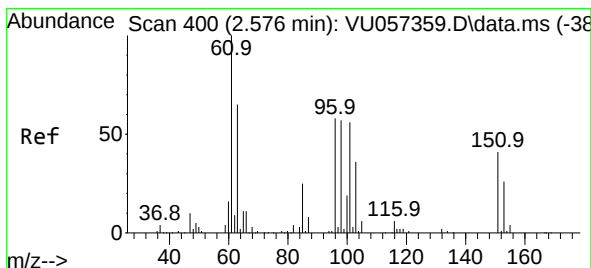
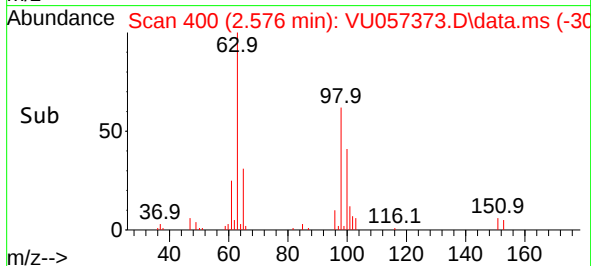
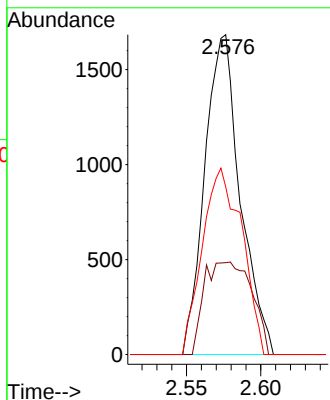
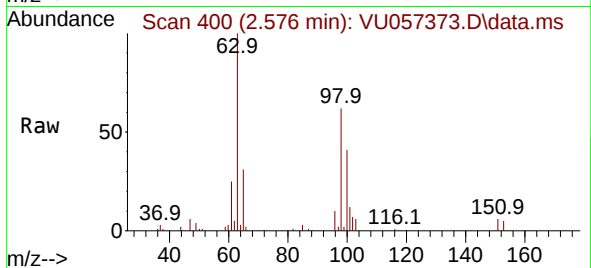
Tgt Ion:101 Resp: 2800
Ion Ratio Lower Upper
101 100
85 38.6 35.1 52.7
151 64.9 55.8 83.6

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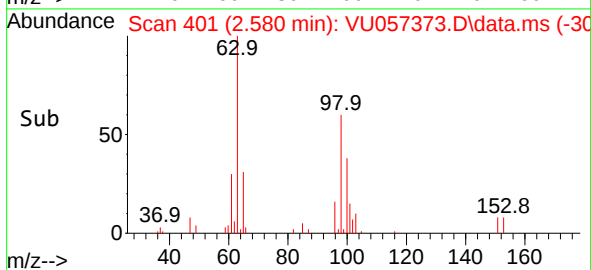
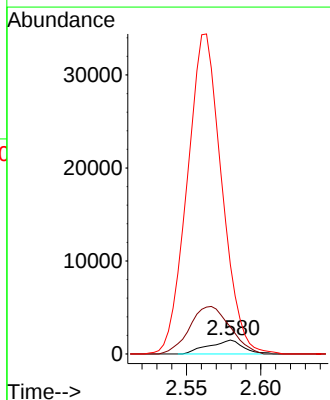
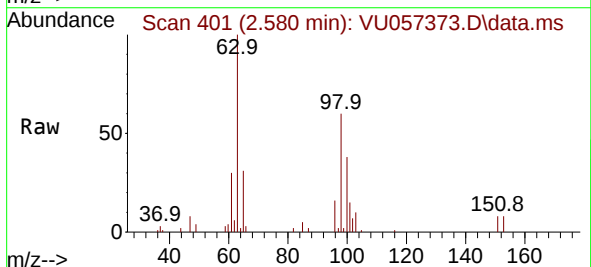
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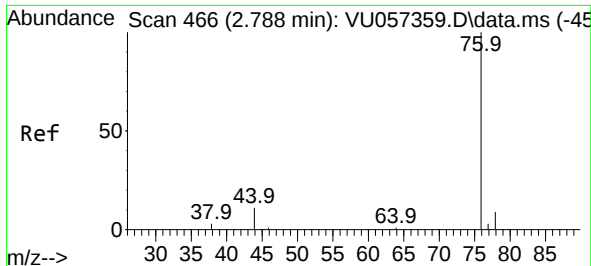
01/01/2024



#12
1,1-Dichloroethene
Concen: 0.255 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion: 96 Resp: 2416
Ion Ratio Lower Upper
96 100
61 194.3 122.2 226.9
63 640.0 99.2 184.2#





#14

Carbon disulfide

Concen: 0.206 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 76 Resp: 5570
 Ion Ratio Lower Upper
 76 100
 78 5.5 7.3 10.9

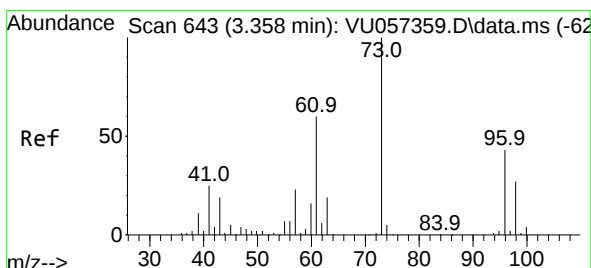
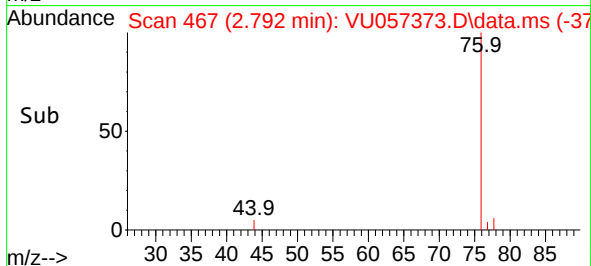
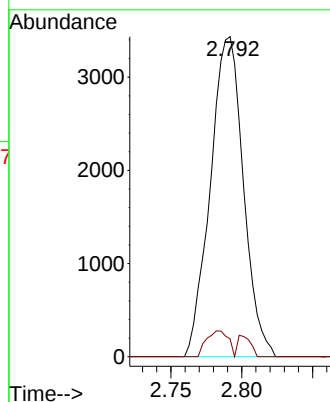
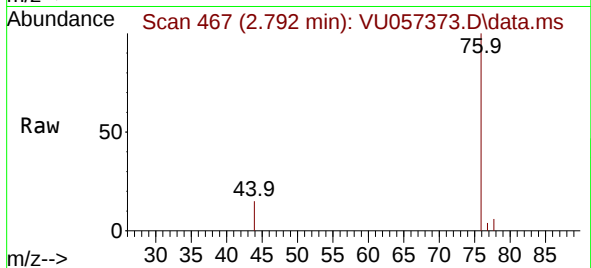
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01/01/2024



#17

Methyl tert-butyl Ether

Concen: 0.200 ug/L

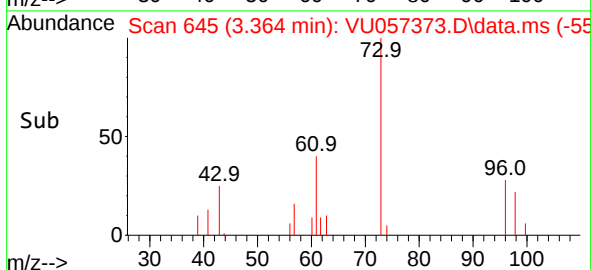
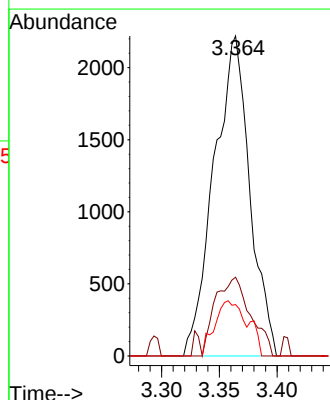
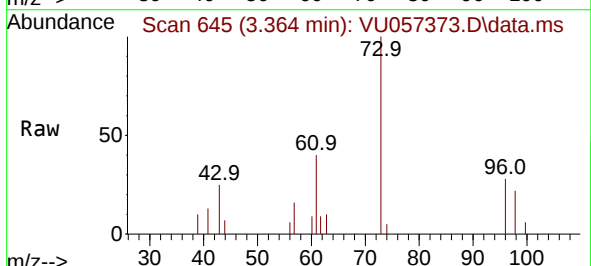
RT: 3.364 min Scan# 645

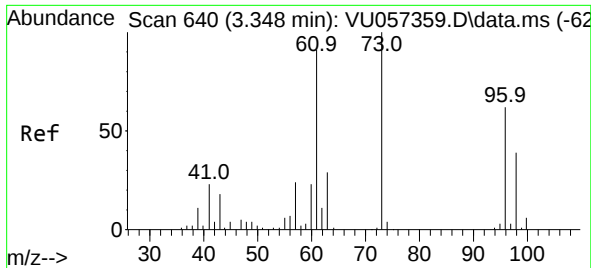
Delta R.T. 0.007 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

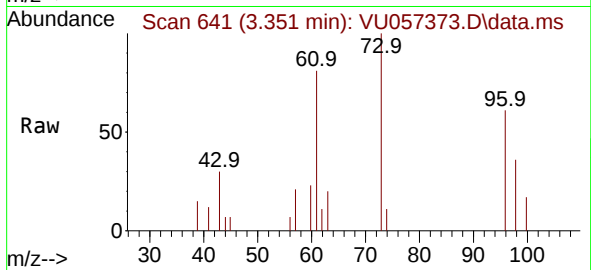
Tgt Ion: 73 Resp: 4779
 Ion Ratio Lower Upper
 73 100
 43 24.2 15.2 22.8#
 57 15.8 17.8 26.8#





#18
trans-1,2-Dichloroethene
Concen: 0.206 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



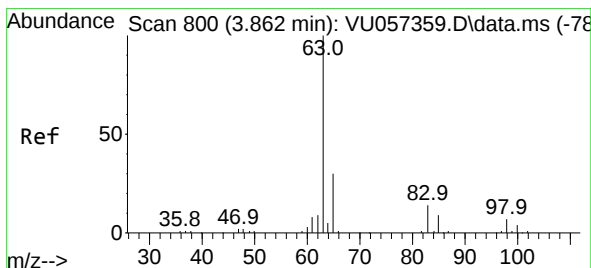
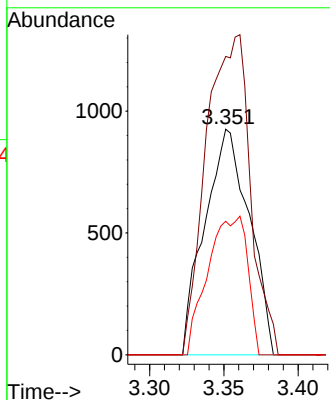
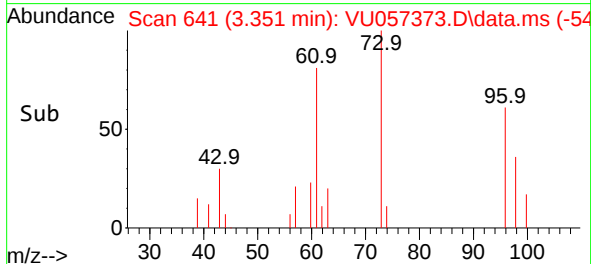
Tgt Ion: 96 Resp: 1938
Ion Ratio Lower Upper
96 100
61 132.3 97.5 181.1
98 59.2 45.9 85.3

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

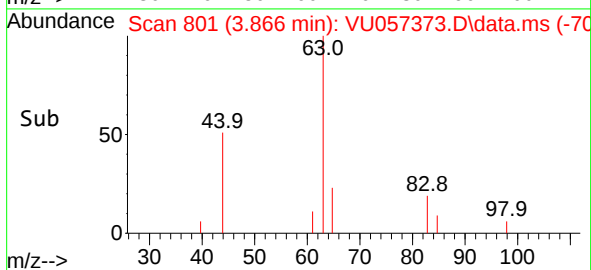
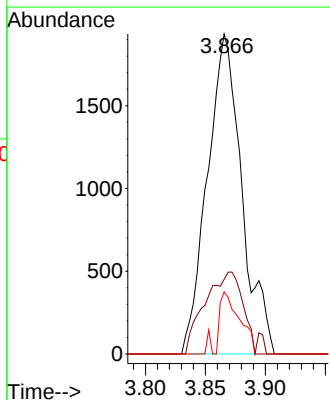
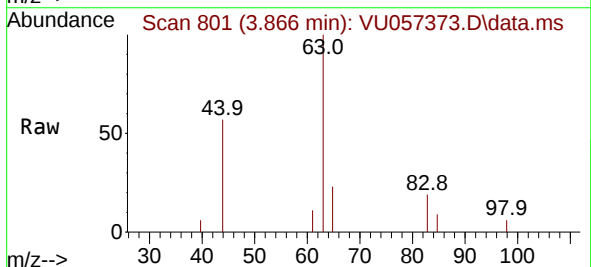
01/01/2024
Supervised By :Mahesh
Dadoda

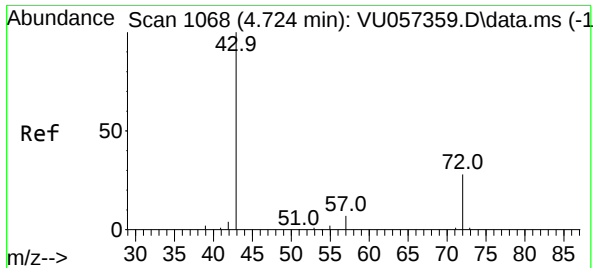
01/01/2024



#19
1,1-Dichloroethane
Concen: 0.195 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

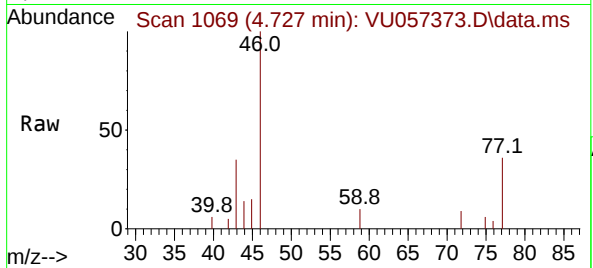
Tgt Ion: 63 Resp: 3859
Ion Ratio Lower Upper
63 100
65 23.3 23.6 43.8#
83 19.4 9.8 18.2#





#21
2-Butanone
Concen: 1.717 ug/L m
RT: 4.727 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



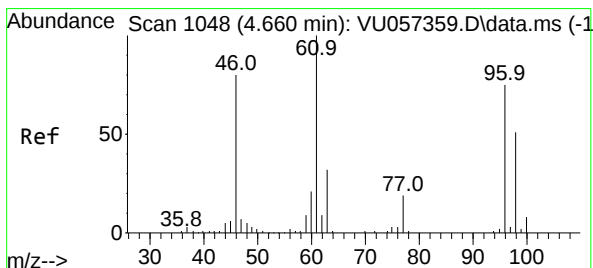
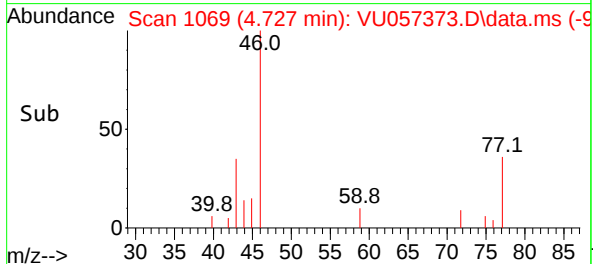
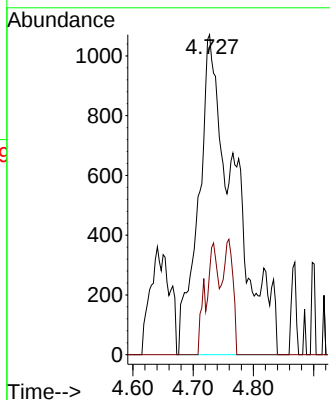
Tgt Ion: 43 Resp: 4510
Ion Ratio Lower Upper
43 100
72 8.9 14.3 42.9

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

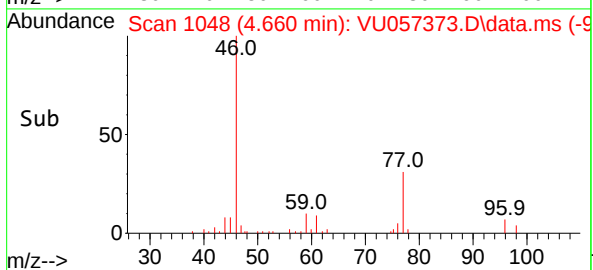
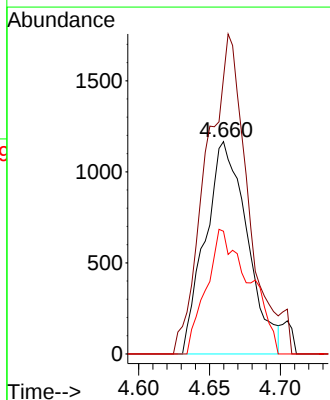
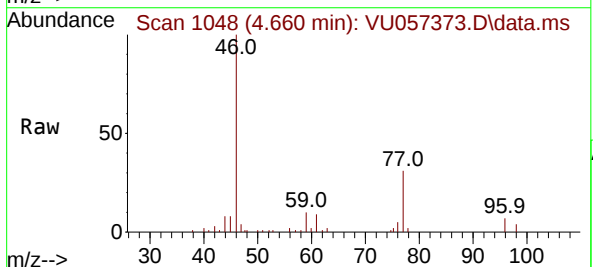
01/01/2024
Supervised By :Mahesh
Dadoda

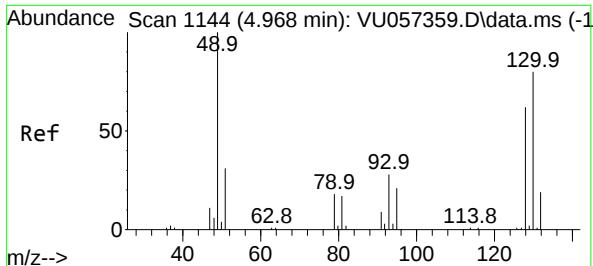
01/01/2024



#22
cis-1,2-Dichloroethene
Concen: 0.221 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion: 96 Resp: 2402
Ion Ratio Lower Upper
96 100
61 129.9 91.1 169.3
98 57.8 42.6 79.0





#23

Bromochloromethane

Concen: 0.246 ug/L

RT: 4.978 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU057373.D

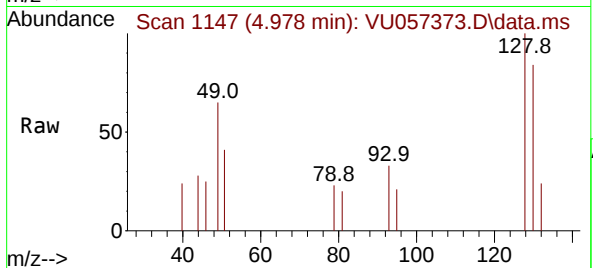
Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07



Tgt Ion:128 Resp: 1190

Ion Ratio Lower Upper

128 100

49 65.0 113.1 210.1

130 83.8 91.6 170.2

51 0.0 39.5 59.3

Manual Integrations

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Reviewed By :Semsettin

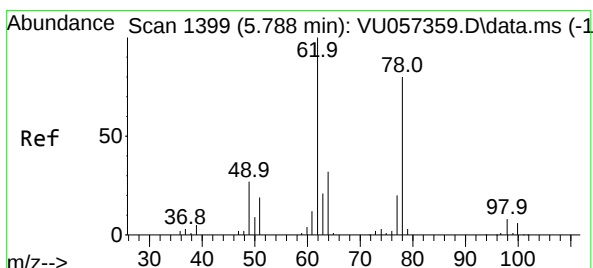
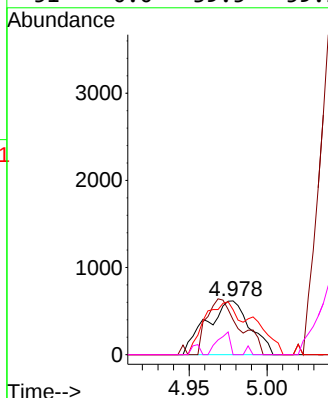
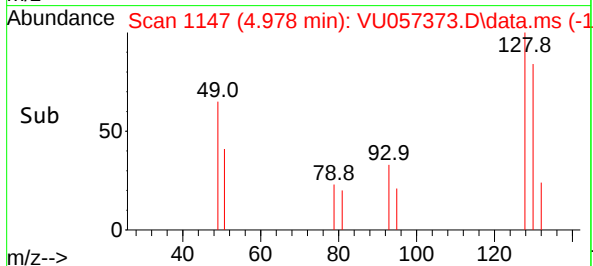
Yesilyurt

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Supervised By :Mahesh

Dadoda

01/01/2024



#27

1,2-Dichloroethane

Concen: 0.272 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.007 min

Lab File: VU057373.D

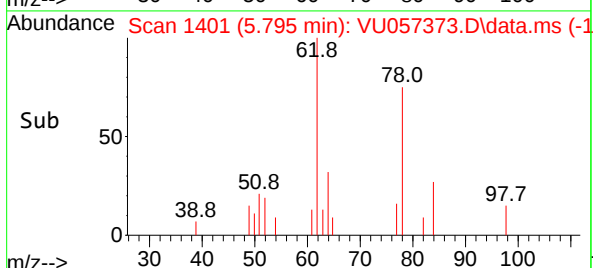
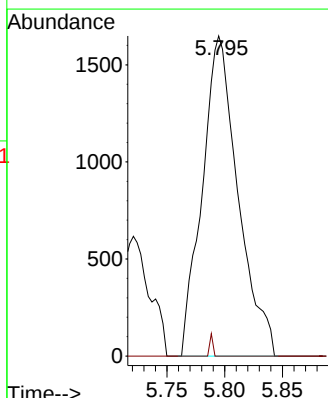
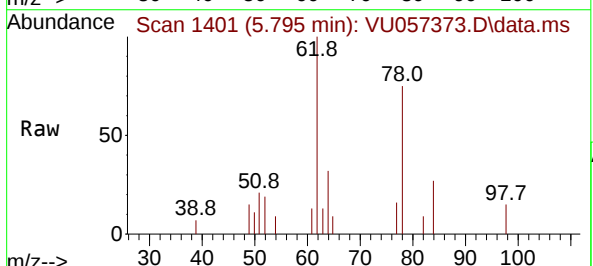
Acq: 29 Dec 2023 15:57

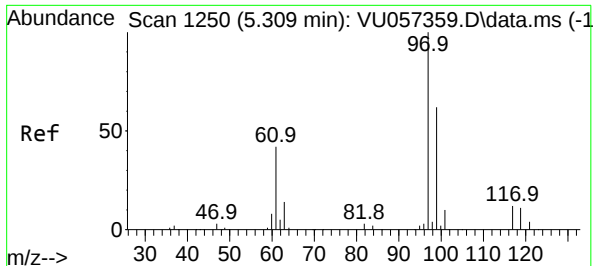
Tgt Ion: 62 Resp: 3557

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 0.277 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:	97	Resp:	501
Ion	Ratio	Lower	Upper
97	100		
99	60.4	51.7	77.5
61	38.3	34.1	51.1

Manual Integrations

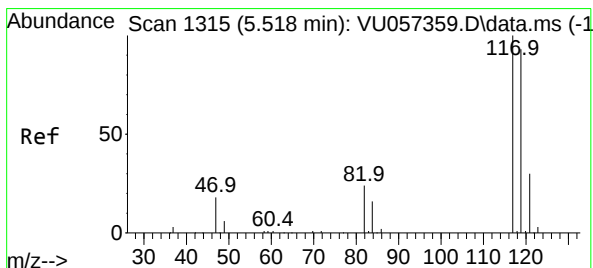
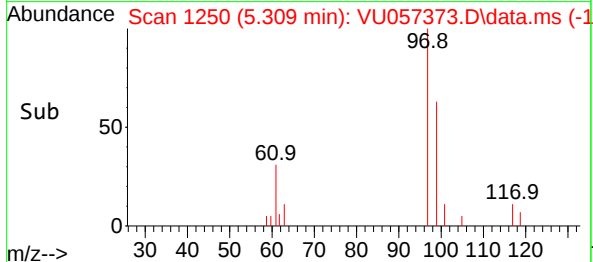
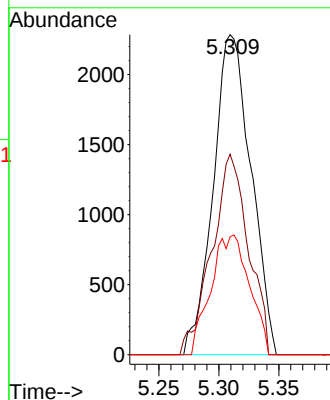
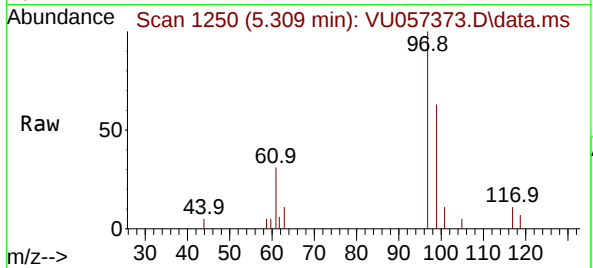
APPROVED

Reviewed By :Semsettin
Yesilyurt

01/01/2024

Supervised By :Mahesh
Dadoda

01/01/2024



#31

Carbon tetrachloride

Concen: 0.300 ug/L

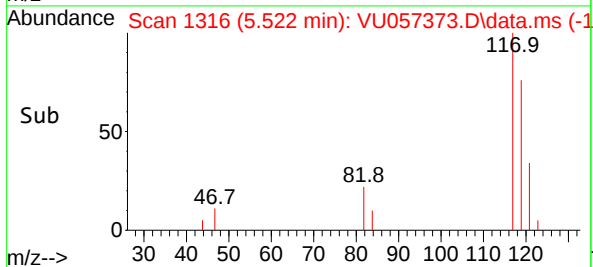
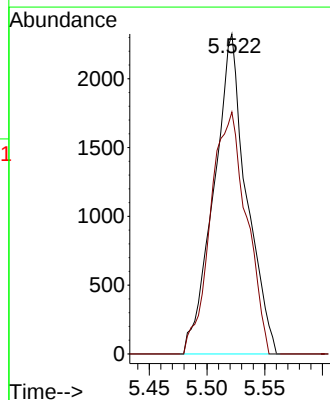
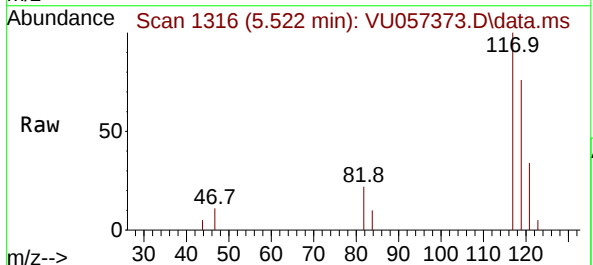
RT: 5.522 min Scan# 1316

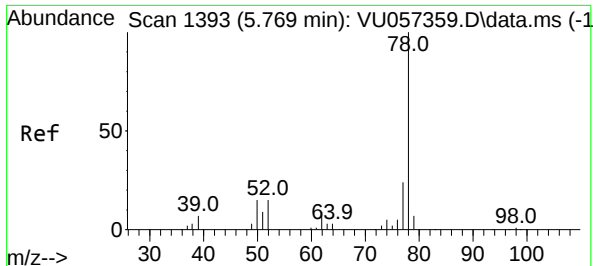
Delta R.T. 0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Tgt Ion:	117	Resp:	4557
Ion	Ratio	Lower	Upper
117	100		
119	83.6	76.7	115.1





#33

Benzene

Concen: 0.230 ug/L

RT: 5.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 78 Resp: 948

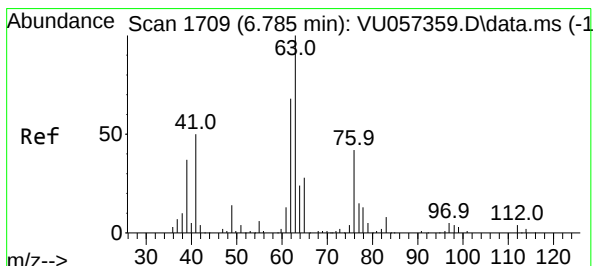
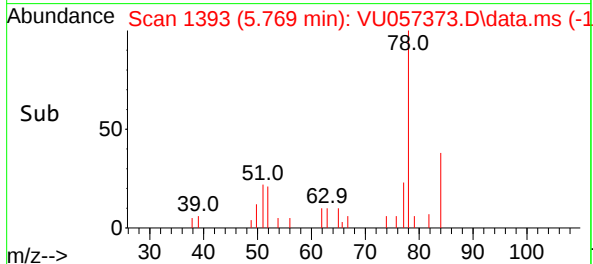
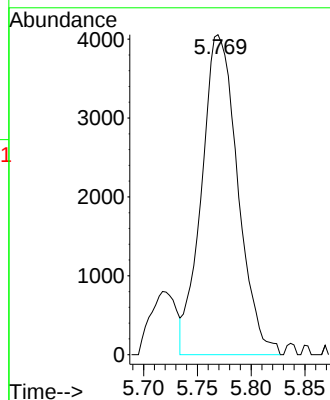
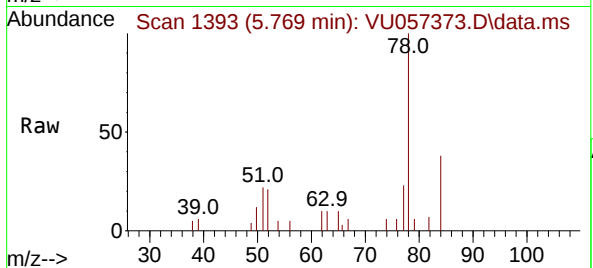
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

01/01/2024

Supervised By :Mahesh
Dadoda

01/01/2024



#37

1,2-Dichloropropane

Concen: 0.208 ug/L m

RT: 6.775 min Scan# 1706

Delta R.T. -0.010 min

Lab File: VU057373.D

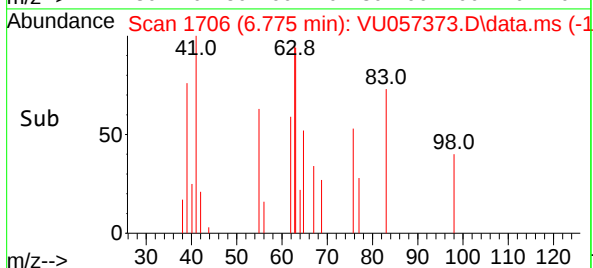
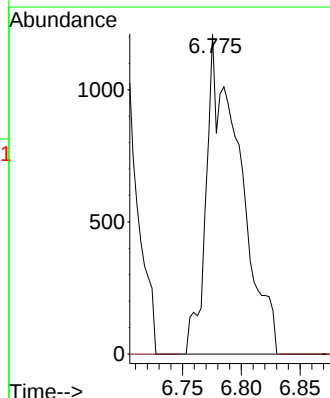
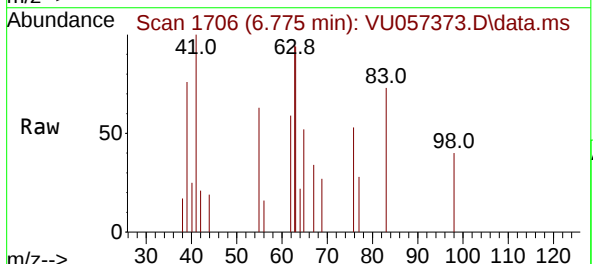
Acq: 29 Dec 2023 15:57

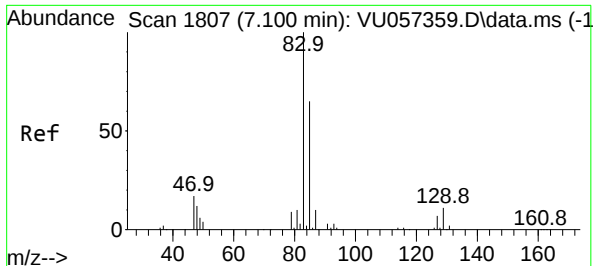
Tgt Ion: 63 Resp: 2386

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#





#38
Bromodichloromethane
Concen: 0.225 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2023-07

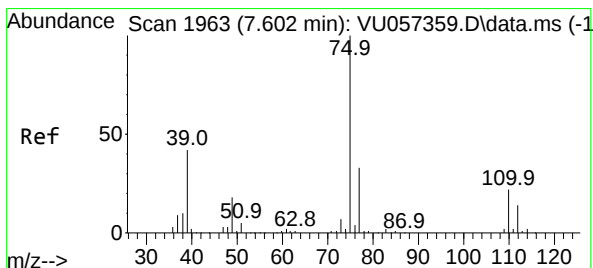
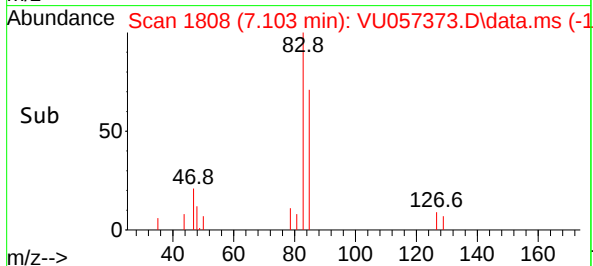
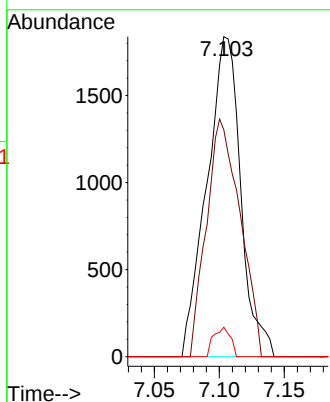
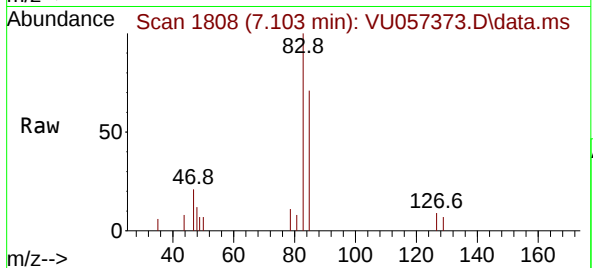
Tgt Ion: 83 Resp: 3329
Ion Ratio Lower Upper
83 100
85 70.9 42.6 79.0
127 9.2 6.8 10.2

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

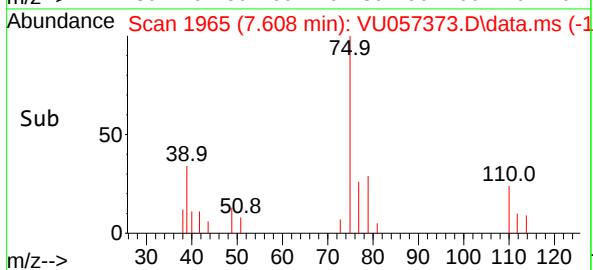
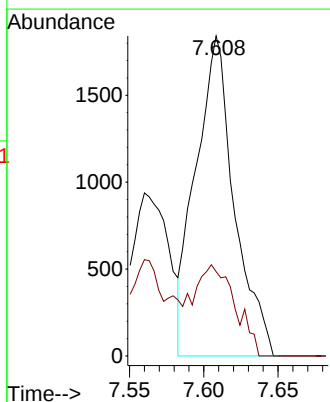
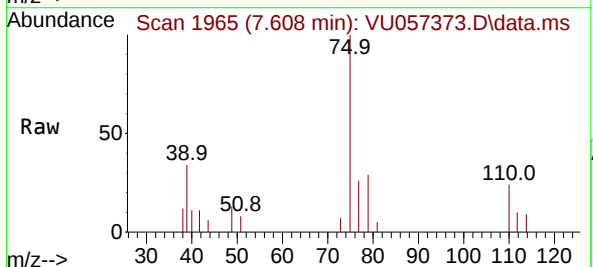
01/01/2024
Supervised By :Mahesh
Dadoda

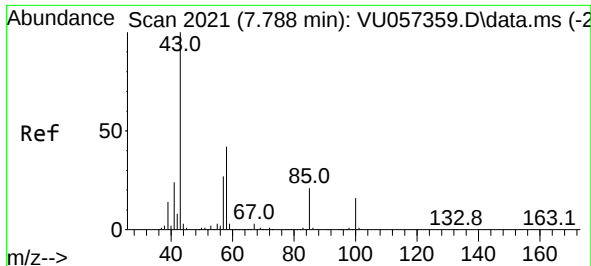
01/01/2024



#39
cis-1,3-Dichloropropene
Concen: 0.212 ug/L
RT: 7.608 min Scan# 1965
Delta R.T. 0.007 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion: 75 Resp: 3318
Ion Ratio Lower Upper
75 100
77 26.3 23.0 42.8





#40
4-Methyl-2-pentanone
Concen: 1.408 ug/L
RT: 7.792 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

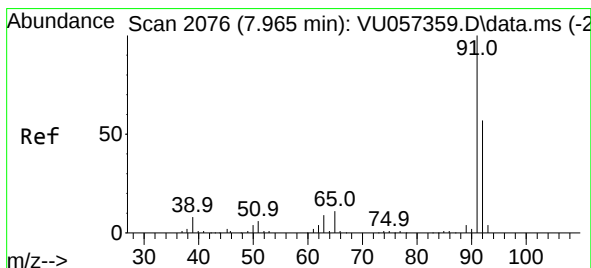
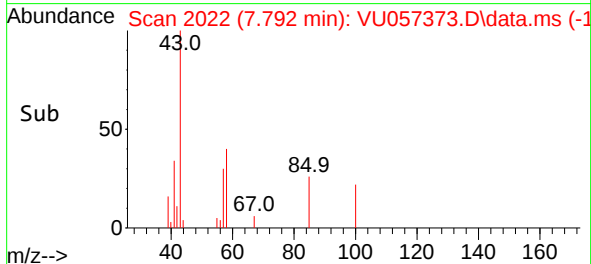
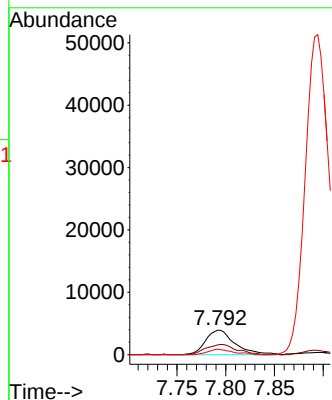
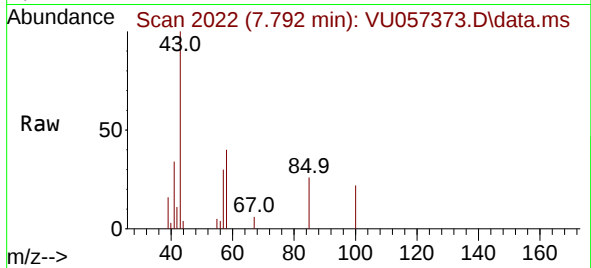
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 43.7 34.4 51.6
100 0.0 13.2 19.8

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

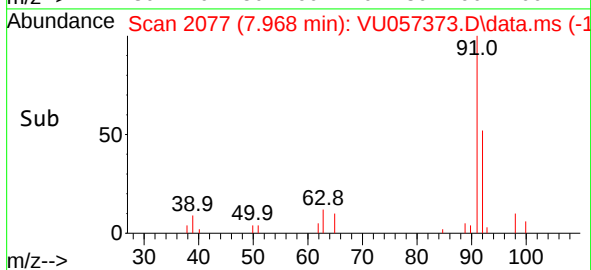
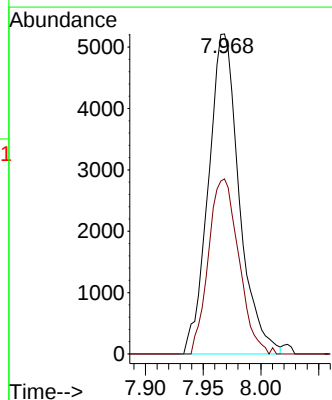
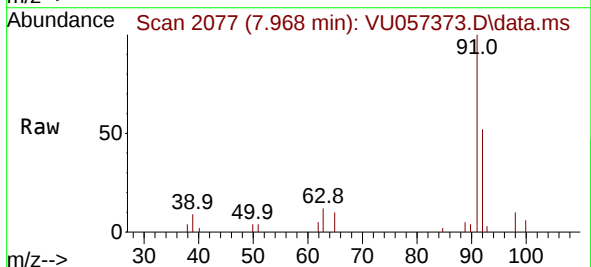
01/01/2024
Supervised By :Mahesh
Dadoda

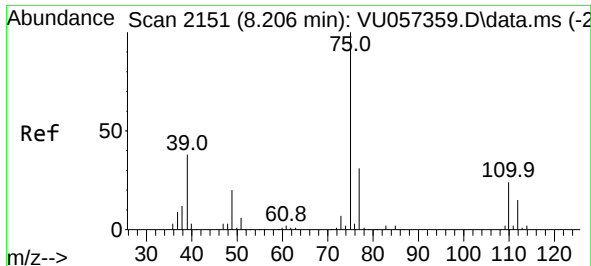
01/01/2024



#42
Toluene
Concen: 0.218 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

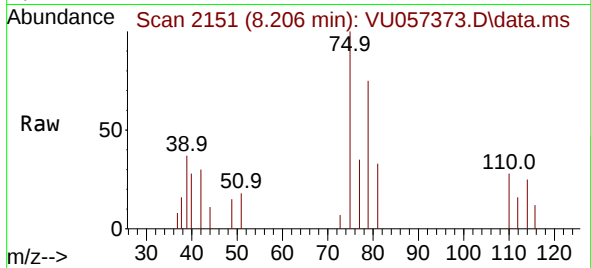
Tgt Ion: 91 Resp: 9687
Ion Ratio Lower Upper
91 100
92 54.7 41.6 77.2





#44
trans-1,3-Dichloropropene
Concen: 0.205 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2023-07



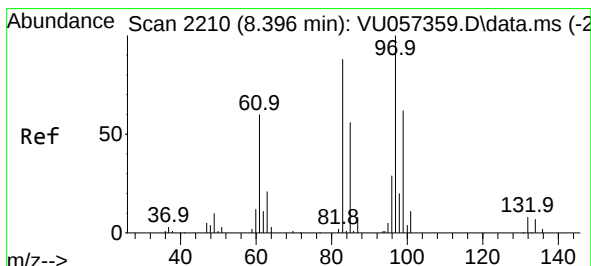
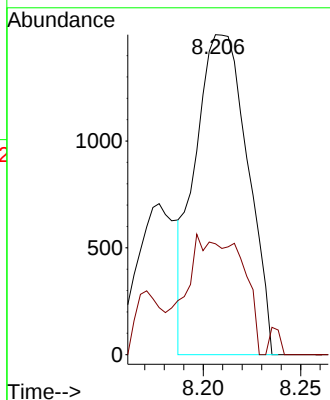
Tgt Ion: 75 Resp: 280
Ion Ratio Lower Upper
75 100
77 34.6 22.5 41.9

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

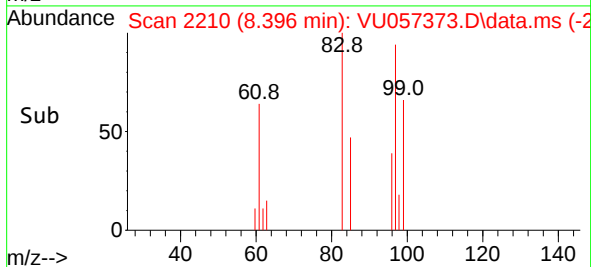
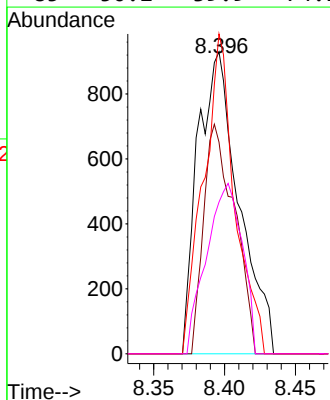
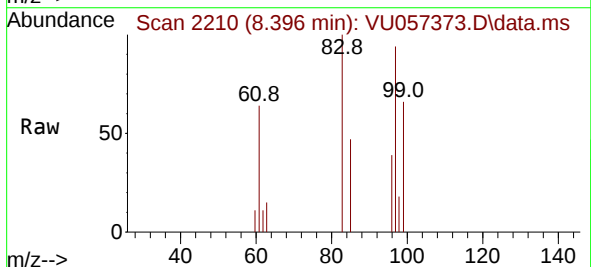
01/01/2024
Supervised By :Mahesh
Dadoda

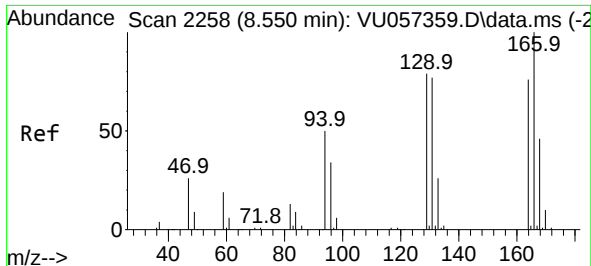
01/01/2024



#45
1,1,2-Trichloroethane
Concen: 0.224 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

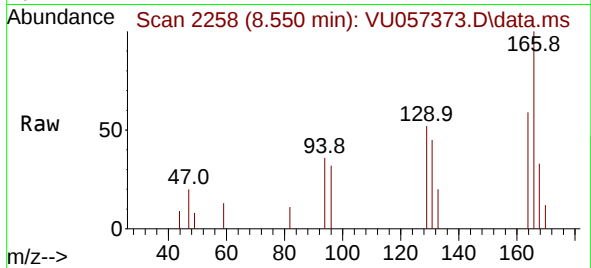
Tgt Ion: 97 Resp: 1868
Ion Ratio Lower Upper
97 100
99 70.1 44.0 81.8
83 105.9 62.3 115.7
85 50.2 39.9 74.1





#47
Tetrachloroethene
Concen: 0.241 ug/L
RT: 8.550 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



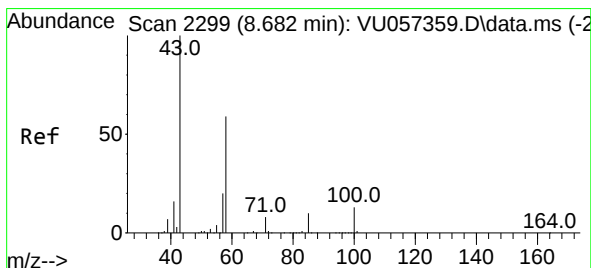
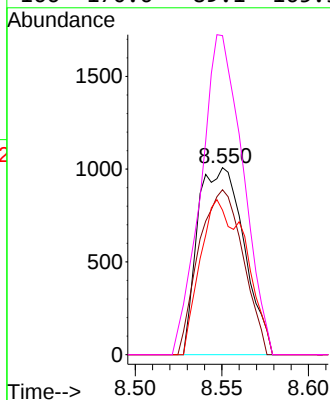
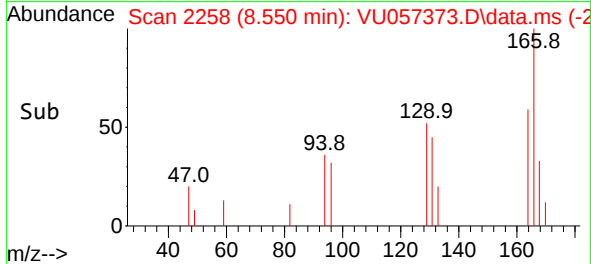
Tgt Ion:164 Resp: 1872
Ion Ratio Lower Upper
164 100
129 88.2 71.3 132.5
131 77.3 70.7 131.3
166 170.6 89.1 165.5

Manual Integrations
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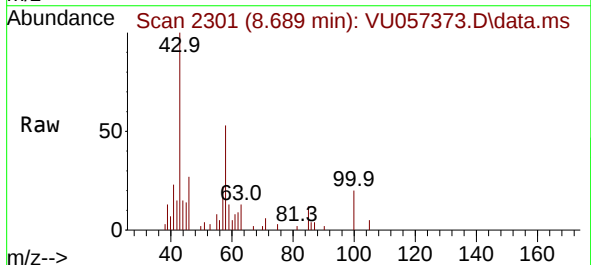
Reviewed By :Semsettin
Yesilyurt

01/01/2024
Supervised By :Mahesh
Dadoda

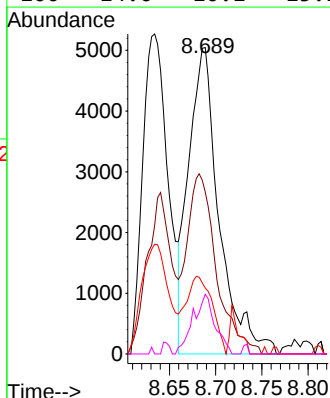
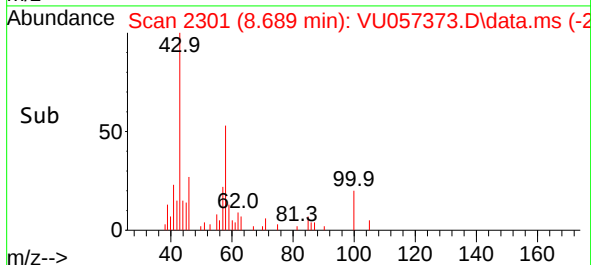
01/01/2024

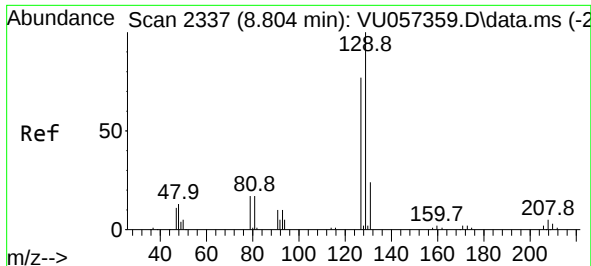


#48
2-Hexanone
Concen: 2.695 ug/L m
RT: 8.689 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57



Tgt Ion: 43 Resp: 11613
Ion Ratio Lower Upper
43 100
58 56.8 48.4 72.6
57 21.9 17.4 26.2
100 14.0 10.1 15.1





#49

Dibromochloromethane

Concen: 0.206 ug/L

RT: 8.808 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:129 Resp: 1958
 Ion Ratio Lower Upper
 129 100
 127 96.1 54.2 100.6

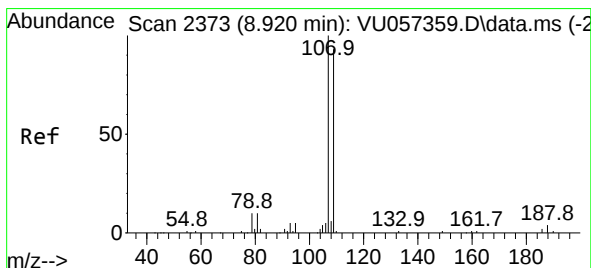
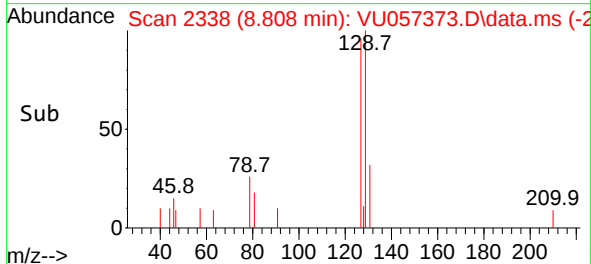
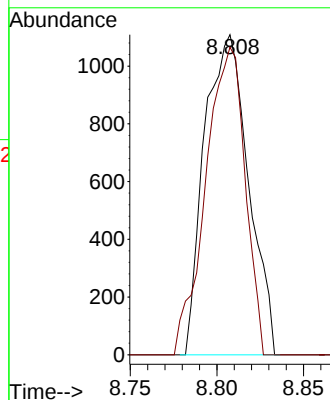
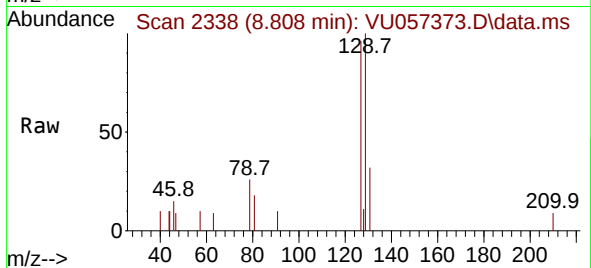
Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

01/01/2024

Supervised By :Mahesh
 Dadoda

01/01/2024



#50

1,2-Dibromoethane

Concen: 0.223 ug/L

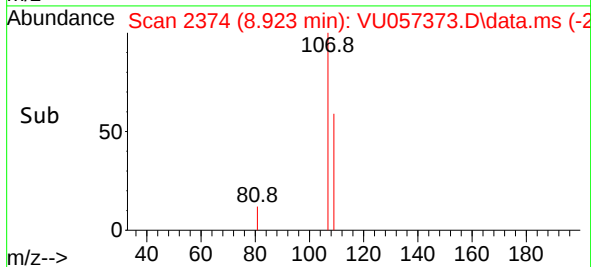
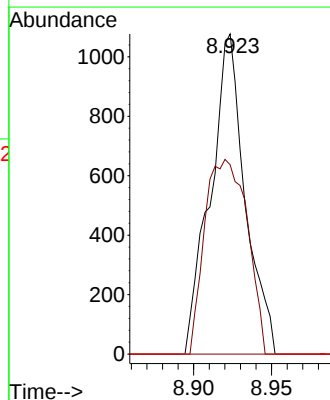
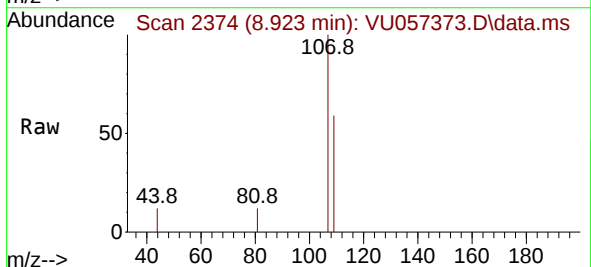
RT: 8.923 min Scan# 2374

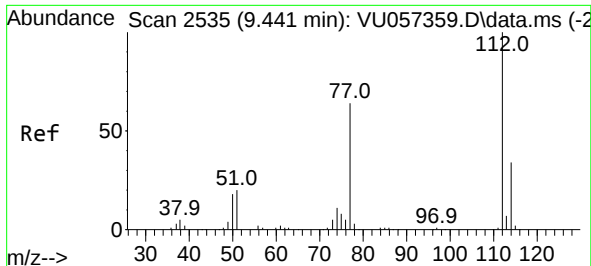
Delta R.T. 0.003 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

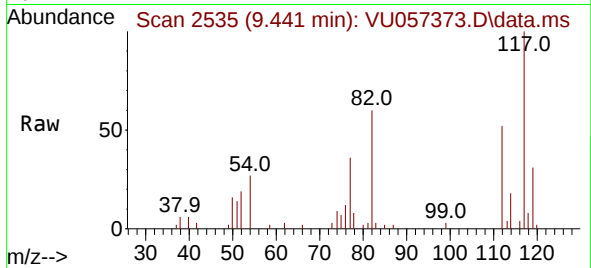
Tgt Ion:107 Resp: 1669
 Ion Ratio Lower Upper
 107 100
 109 59.1 65.2 121.2#
 188 0.0 2.3 3.5#





#51
Chlorobenzene
Concen: 0.214 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2023-07



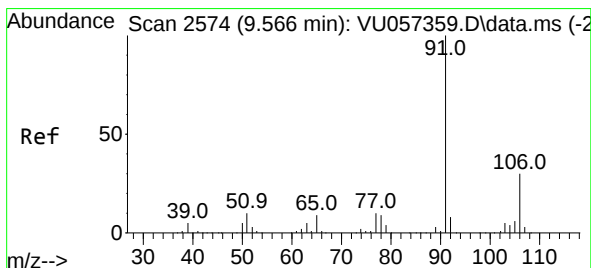
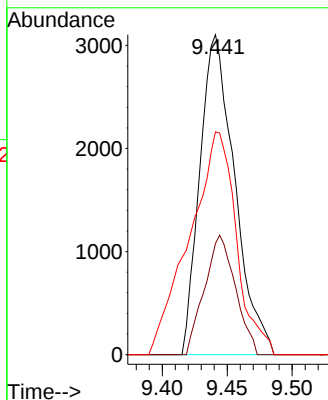
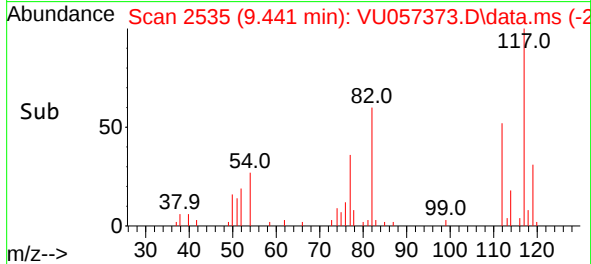
Tgt Ion:112 Resp: 5784
Ion Ratio Lower Upper
112 100
114 34.8 21.8 40.4
77 85.2 51.2 76.8

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

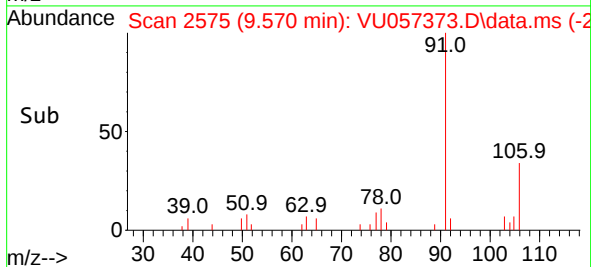
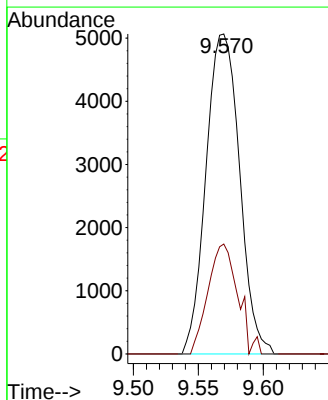
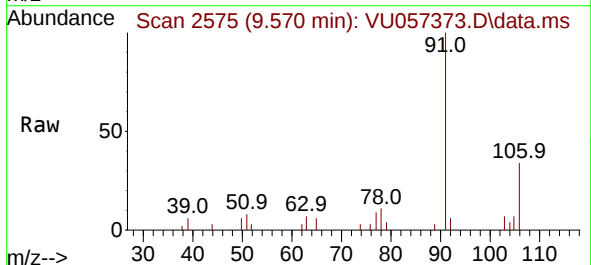
01/01/2024
Supervised By :Mahesh
Dadoda

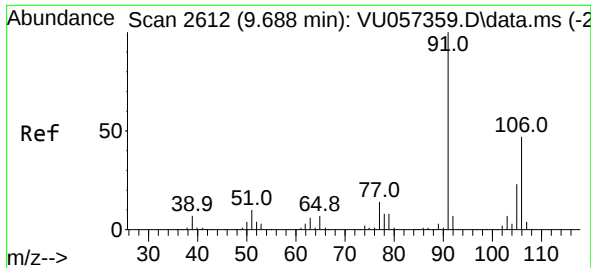
01/01/2024



#52
Ethylbenzene
Concen: 0.206 ug/L
RT: 9.570 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion: 91 Resp: 9108
Ion Ratio Lower Upper
91 100
106 34.3 21.1 39.3





#53
m,p-Xylene
Concen: 0.195 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

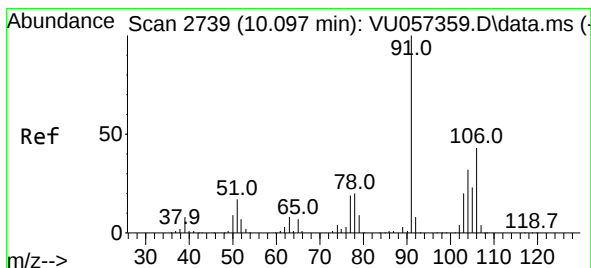
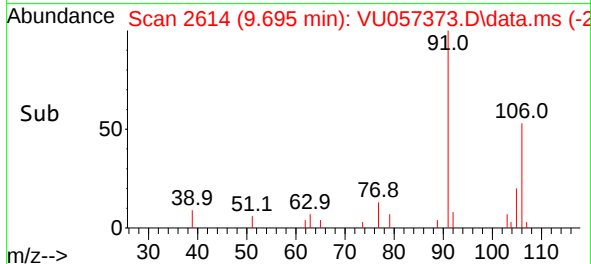
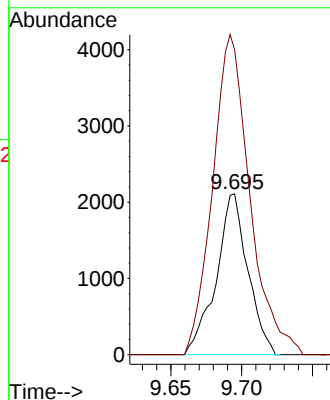
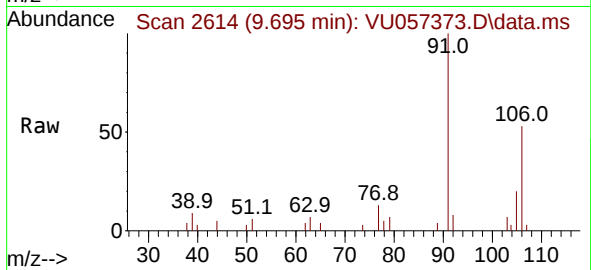
Tgt Ion:106 Resp: 3284
Ion Ratio Lower Upper
106 100
91 189.6 151.5 281.5

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

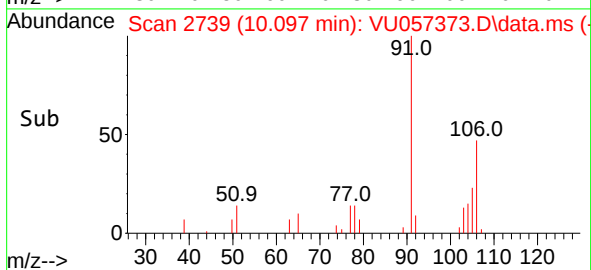
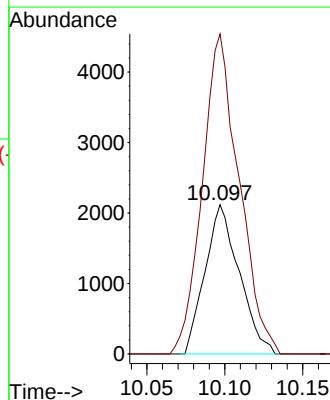
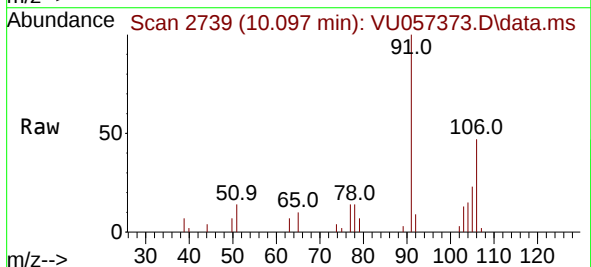
01/01/2024
Supervised By :Mahesh
Dadoda

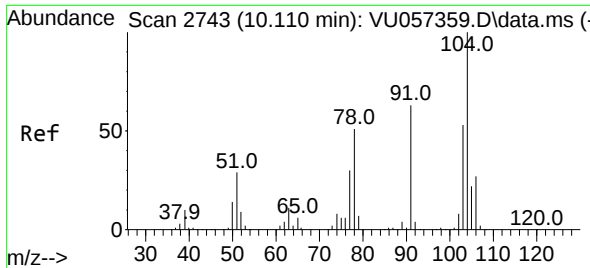
01/01/2024



#54
o-Xylene
Concen: 0.202 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion:106 Resp: 3234
Ion Ratio Lower Upper
106 100
91 214.4 156.0 289.8





#55
Styrene
Concen: 0.169 ug/L
RT: 10.116 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

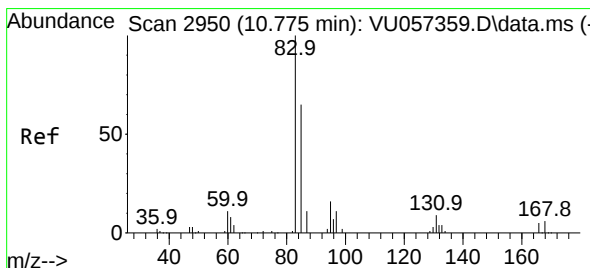
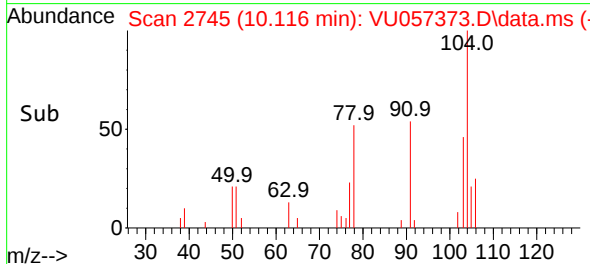
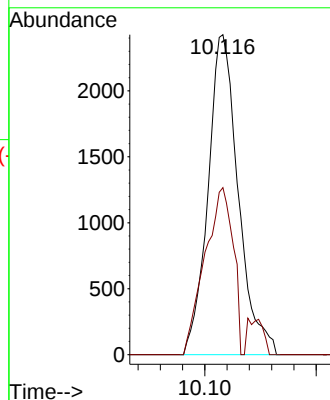
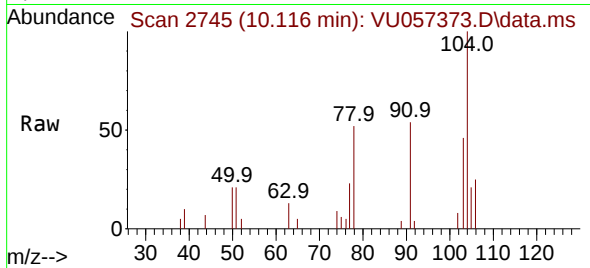
Tgt Ion:104 Resp: 4570
Ion Ratio Lower Upper
104 100
78 52.2 36.3 67.3

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

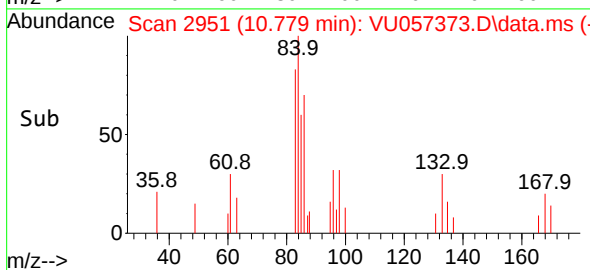
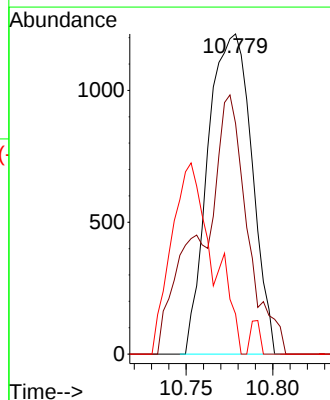
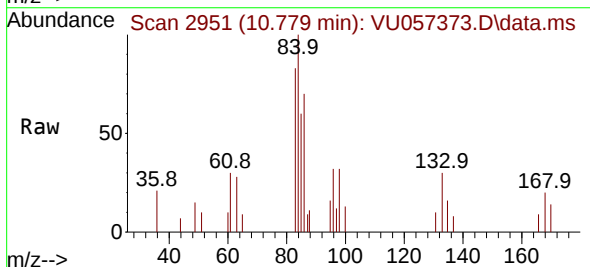
01/01/2024
Supervised By :Mahesh
Dadoda

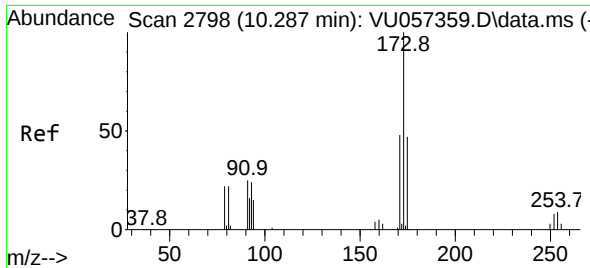
01/01/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 0.207 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

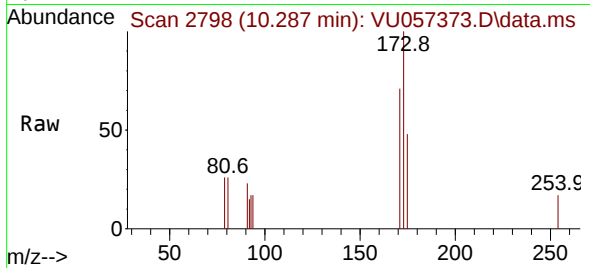
Tgt Ion: 83 Resp: 2137
Ion Ratio Lower Upper
83 100
85 72.1 44.7 83.1
131 12.5 7.7 11.5#





#59
Bromoform
Concen: 0.277 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



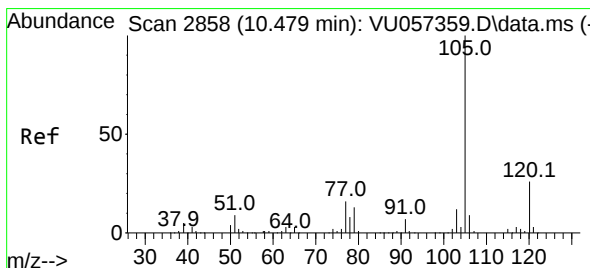
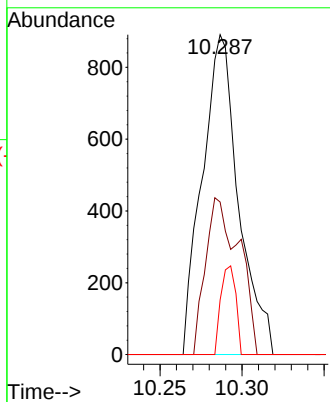
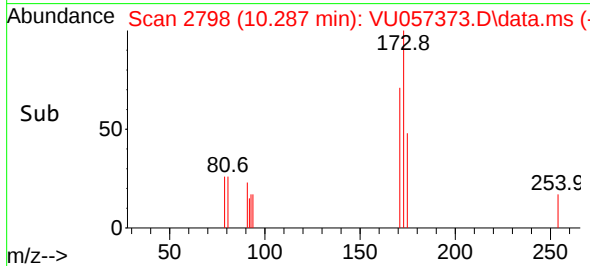
Tgt Ion:173 Resp: 1372
Ion Ratio Lower Upper
173 100
175 45.1 40.2 60.2
254 11.3 6.8 10.2

Manual Integrations
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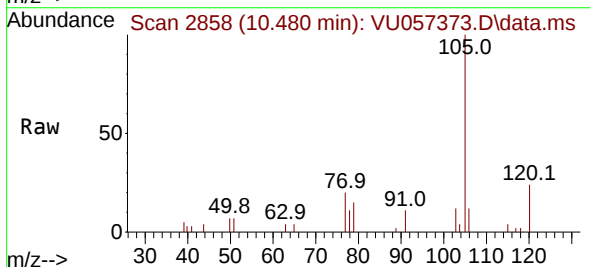
Reviewed By :Semsettin
Yesilyurt

01/01/2024
Supervised By :Mahesh
Dadoda

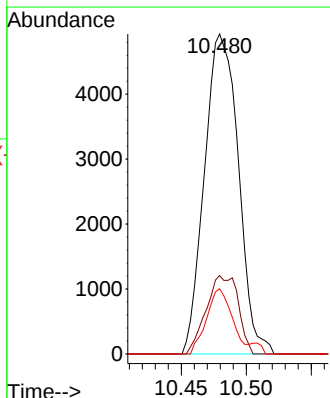
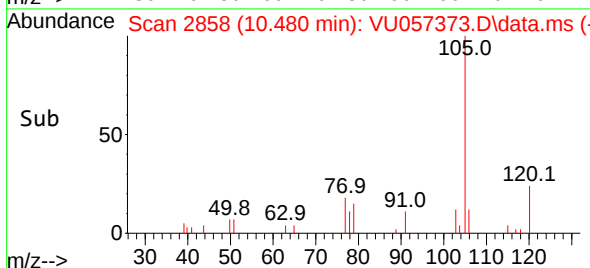
01/01/2024

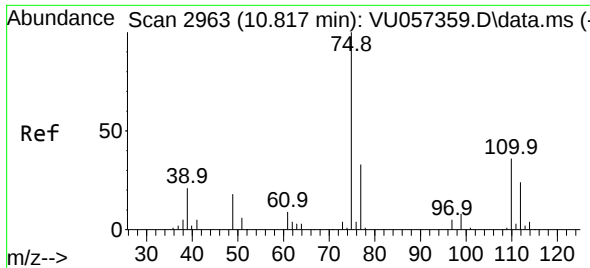


#60
Isopropylbenzene
Concen: 0.231 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57



Tgt Ion:105 Resp: 8944
Ion Ratio Lower Upper
105 100
120 23.0 20.2 30.4
77 15.5 13.2 19.8





#61
1,2,3-Trichloropropane
Concen: 0.169 ug/L
RT: 10.824 min Scan# 2965
Delta R.T. 0.006 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

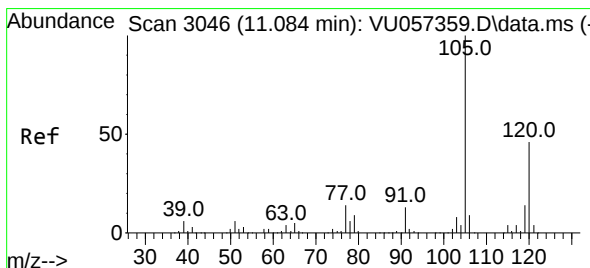
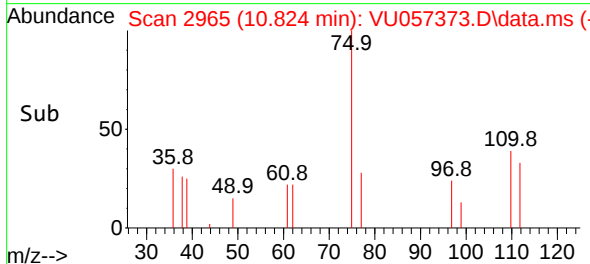
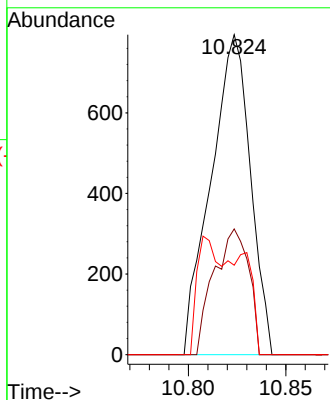
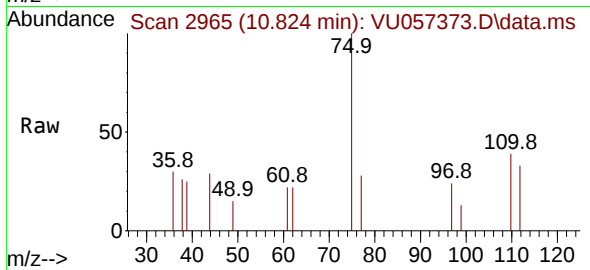
Tgt Ion: 75 Resp: 1118
Ion Ratio Lower Upper
75 100
110 34.7 29.0 43.6
77 21.3 25.4 38.2

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

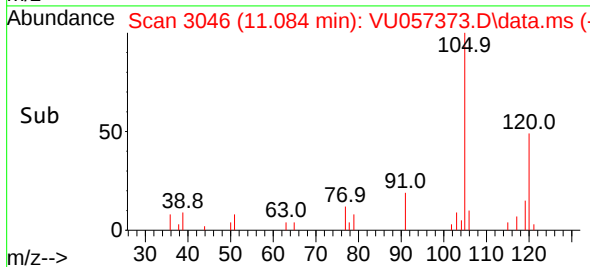
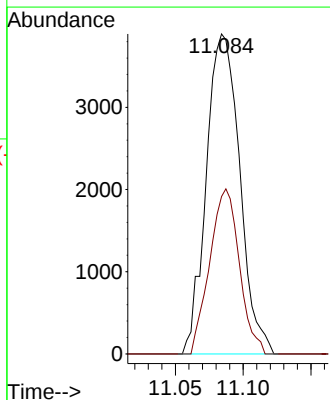
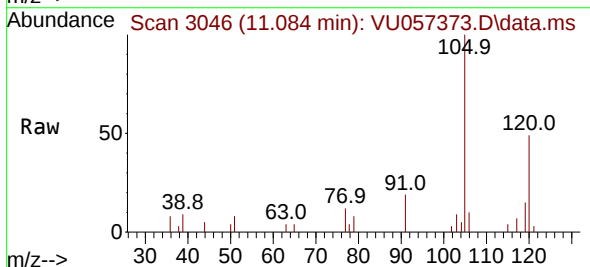
01/01/2024
Supervised By :Mahesh
Dadoda

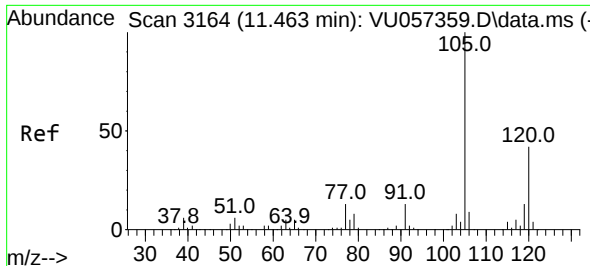
01/01/2024



#62
1,3,5-Trimethylbenzene
Concen: 0.220 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Tgt Ion:105 Resp: 6683
Ion Ratio Lower Upper
105 100
120 45.7 36.0 54.0





#63
1,2,4-Trimethylbenzene
Concen: 0.220 ug/L
RT: 11.467 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

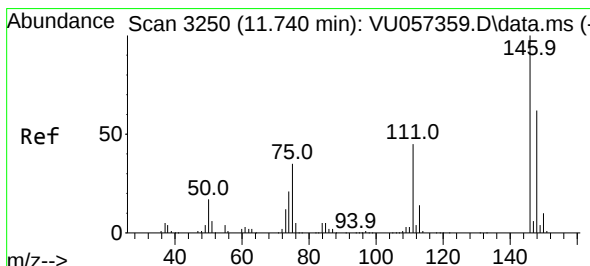
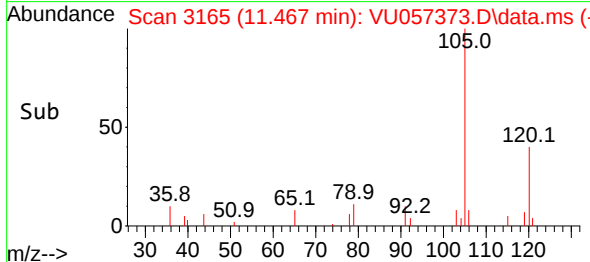
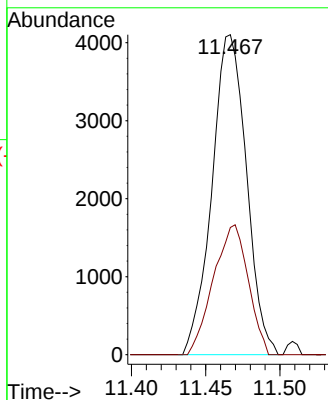
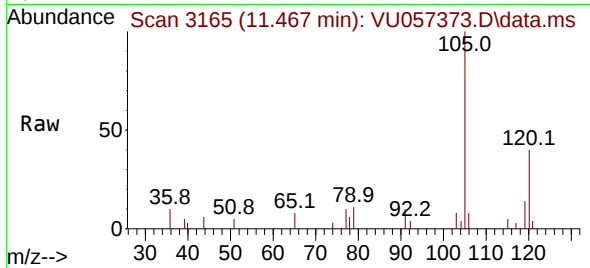
Tgt Ion:105 Resp: 664
Ion Ratio Lower Upper
105 100
120 40.8 33.5 50.3

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

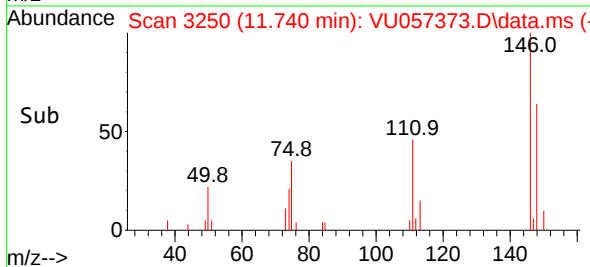
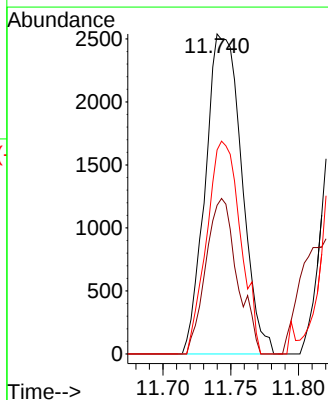
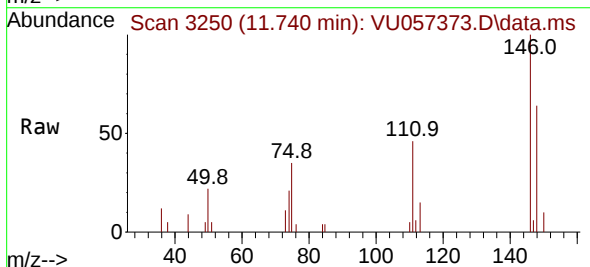
01/01/2024
Supervised By :Mahesh
Dadoda

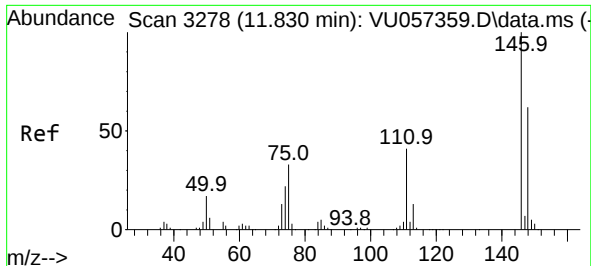
01/01/2024



#64
1,3-Dichlorobenzene
Concen: 0.254 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

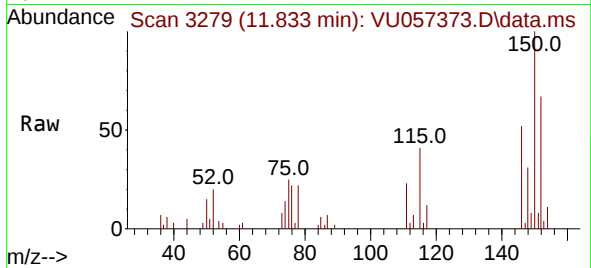
Tgt Ion:146 Resp: 4721
Ion Ratio Lower Upper
146 100
111 46.4 31.4 58.2
148 63.8 44.3 82.3





#65
1,4-Dichlorobenzene
Concen: 0.246 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



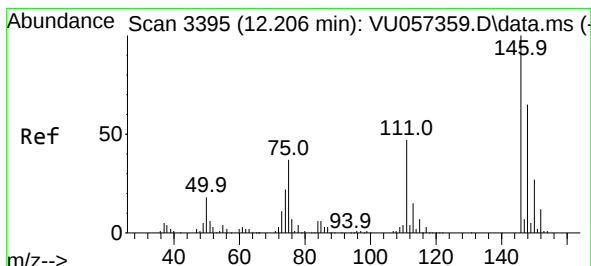
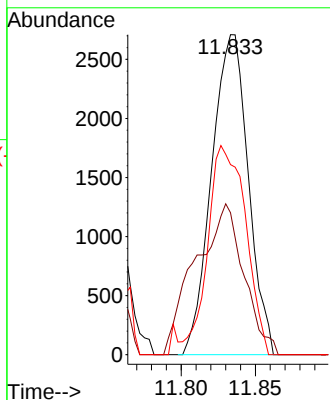
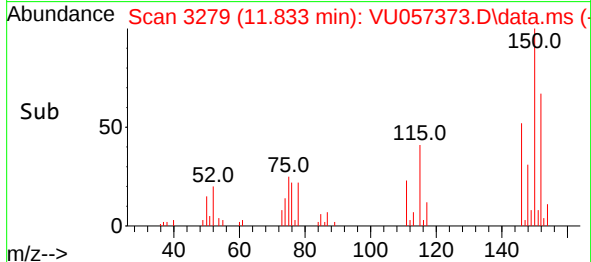
Tgt Ion:146 Resp: 4650
Ion Ratio Lower Upper
146 100
111 44.3 30.9 57.3
148 59.4 43.4 80.6

Manual Integrations
APPROVED

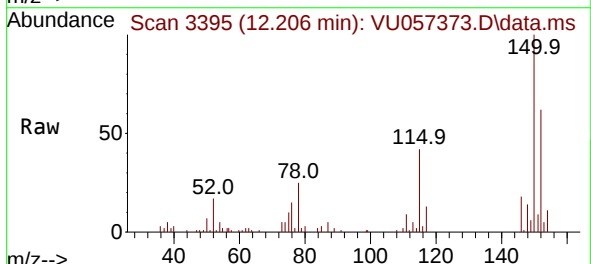
Reviewed By :Semsettin
Yesilyurt

01/01/2024
Supervised By :Mahesh
Dadoda

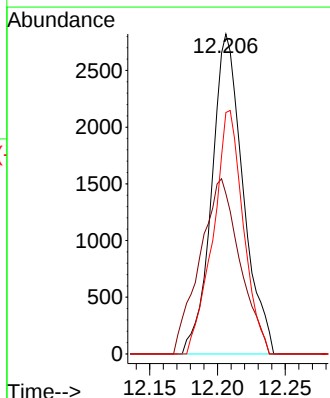
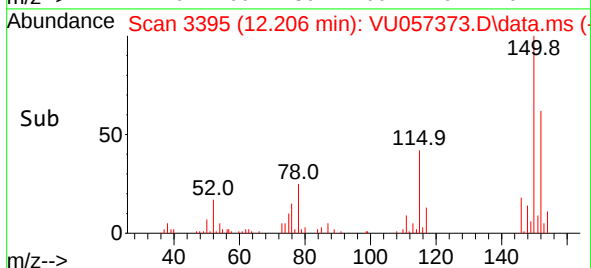
01/01/2024

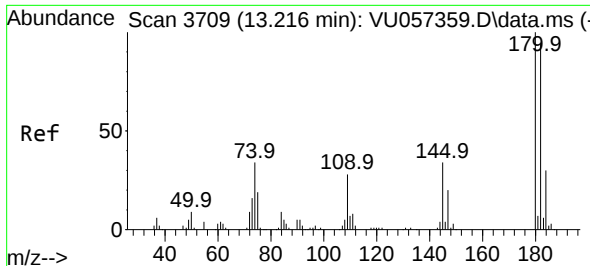


#67
1,2-Dichlorobenzene
Concen: 0.253 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057373.D
Acq: 29 Dec 2023 15:57



Tgt Ion:146 Resp: 4536
Ion Ratio Lower Upper
146 100
111 50.1 37.8 56.8
148 75.4 51.4 77.0





#69

1,3,5-Trichlorobenzene

Concen: 0.278 ug/L m

RT: 13.219 min Scan# 3709

Delta R.T. 0.003 min

Lab File: VU057373.D

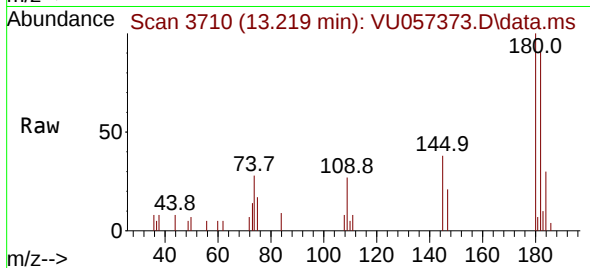
Acq: 29 Dec 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07



Tgt Ion:180 Resp: 3700

Ion Ratio Lower Upper

180 100

182 83.9 76.3 114.5

184 22.6 23.6 35.4

145 24.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin

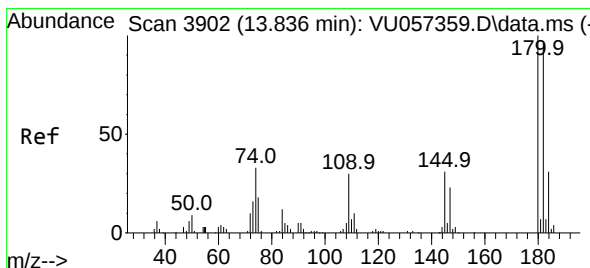
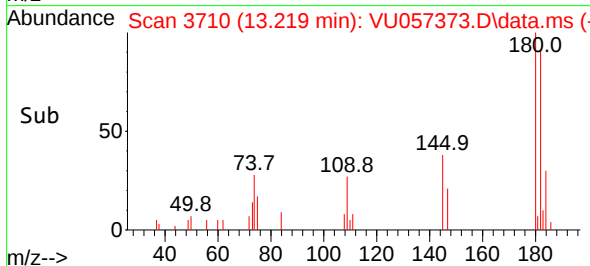
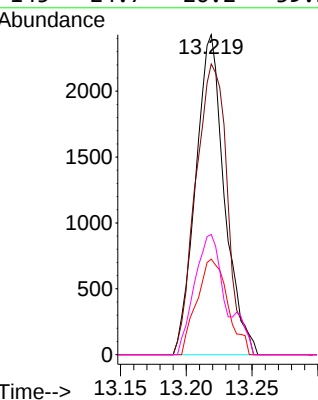
Yesilyurt

01/01/2024

Supervised By :Mahesh

Dadoda

01/01/2024



#70

1,2,4-trichlorobenzene

Concen: 0.317 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU057373.D

Acq: 29 Dec 2023 15:57

Tgt Ion:180 Resp: 3356

Ion Ratio Lower Upper

180 100

182 92.5 76.2 114.4

145 27.2 26.7 40.1

