

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122923\
 Data File : VU057371.D
 Acq On : 29 Dec 2023 15:08
 Operator : MD/SY
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: Dec 29 23:33:49 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	141467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136802	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32069	2.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.800%
7) Chloroethane-d5	1.914	69	35373	3.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.563	65	18003	3.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.637	46	96008	34.855	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.700%
24) Chloroform-d	5.055	84	102216	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	60016	5.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.724	84	181202	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.685	67	48924	4.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.894	98	142783	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.177	79	22903	4.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.631	63	81797	36.834	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.660%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	41286	4.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	61223	5.573	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	2398	0.234	ug/L	93
3) Chloromethane	1.515	50	1787	0.157	ug/L	98
5) Vinyl chloride	1.602	62	2185	0.185	ug/L	96
6) Bromomethane	1.856	94	1644	0.295	ug/L #	68
8) Chloroethane	1.930	64	1303	0.170	ug/L	89
9) Trichlorofluoromethane	2.136	101	4202	0.247	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2693	0.262	ug/L #	89
12) 1,1-Dichloroethene	2.573	96	2404	0.260	ug/L #	1
14) Carbon disulfide	2.792	76	5249	0.199	ug/L	100
17) Methyl tert-butyl Ether	3.367	73	4133	0.177	ug/L #	87
18) trans-1,2-Dichloroethene	3.351	96	1894	0.206	ug/L	83
19) 1,1-Dichloroethane	3.866	63	3365	0.175	ug/L #	74
21) 2-Butanone	4.740	43	4331m	1.689	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	2265	0.214	ug/L #	70
23) Bromochloromethane	4.978	128	893	0.188	ug/L #	70
27) 1,2-Dichloroethane	5.801	62	3160	0.248	ug/L #	76
29) 1,1,1-Trichloroethane	5.309	97	3903	0.225	ug/L	93
30) Cyclohexane	5.377	56	2474	0.191	ug/L #	86
31) Carbon tetrachloride	5.531	117	3471	0.239	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.772	78	7646	0.194	ug/L	100
37) 1,2-Dichloropropane	6.785	63	2115	0.193	ug/L #	89
38) Bromodichloromethane	7.100	83	2973	0.210	ug/L #	80
39) cis-1,3-Dichloropropene	7.602	75	3202	0.214	ug/L	89
40) 4-Methyl-2-pentanone	7.791	43	8804	1.576	ug/L #	88
42) Toluene	7.968	91	10254	0.242	ug/L	95
44) trans-1,3-Dichloropropene	8.209	75	2913m	0.223	ug/L	01/01/2024
45) 1,1,2-Trichloroethane	8.399	97	1644	0.206	ug/L #	83
47) Tetrachloroethene	8.553	164	1839	0.248	ug/L #	78
48) 2-Hexanone	8.679	43	11560	2.806	ug/L	90
49) Dibromochloromethane	8.804	129	2081	0.229	ug/L	89
50) 1,2-Dibromoethane	8.923	107	1261	0.176	ug/L #	85
51) Chlorobenzene	9.444	112	5569	0.216	ug/L	94
52) Ethylbenzene	9.569	91	8733	0.206	ug/L	91
53) m,p-Xylene	9.695	106	3240	0.201	ug/L	97
54) o-Xylene	10.100	106	3133	0.204	ug/L	94
55) Styrene	10.116	104	4977	0.193	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	1708	0.173	ug/L #	92
59) Bromoform	10.286	173	1274	0.270	ug/L #	71
60) Isopropylbenzene	10.483	105	8110	0.219	ug/L	93
61) 1,2,3-Trichloropropane	10.814	75	1419	0.225	ug/L	91
62) 1,3,5-Trimethylbenzene	11.081	105	6849	0.237	ug/L	94
63) 1,2,4-Trimethylbenzene	11.467	105	7875	0.274	ug/L	90
64) 1,3-Dichlorobenzene	11.743	146	4948	0.278	ug/L	88
65) 1,4-Dichlorobenzene	11.830	146	5846	0.323	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	6318	0.370	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	383	0.277	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.219	180	5773	0.453	ug/L	94
70) 1,2,4-trichlorobenzene	13.839	180	5209	0.516	ug/L	90
71) Naphthalene	14.090	128	8901	0.564	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	5000	0.568	ug/L	97

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

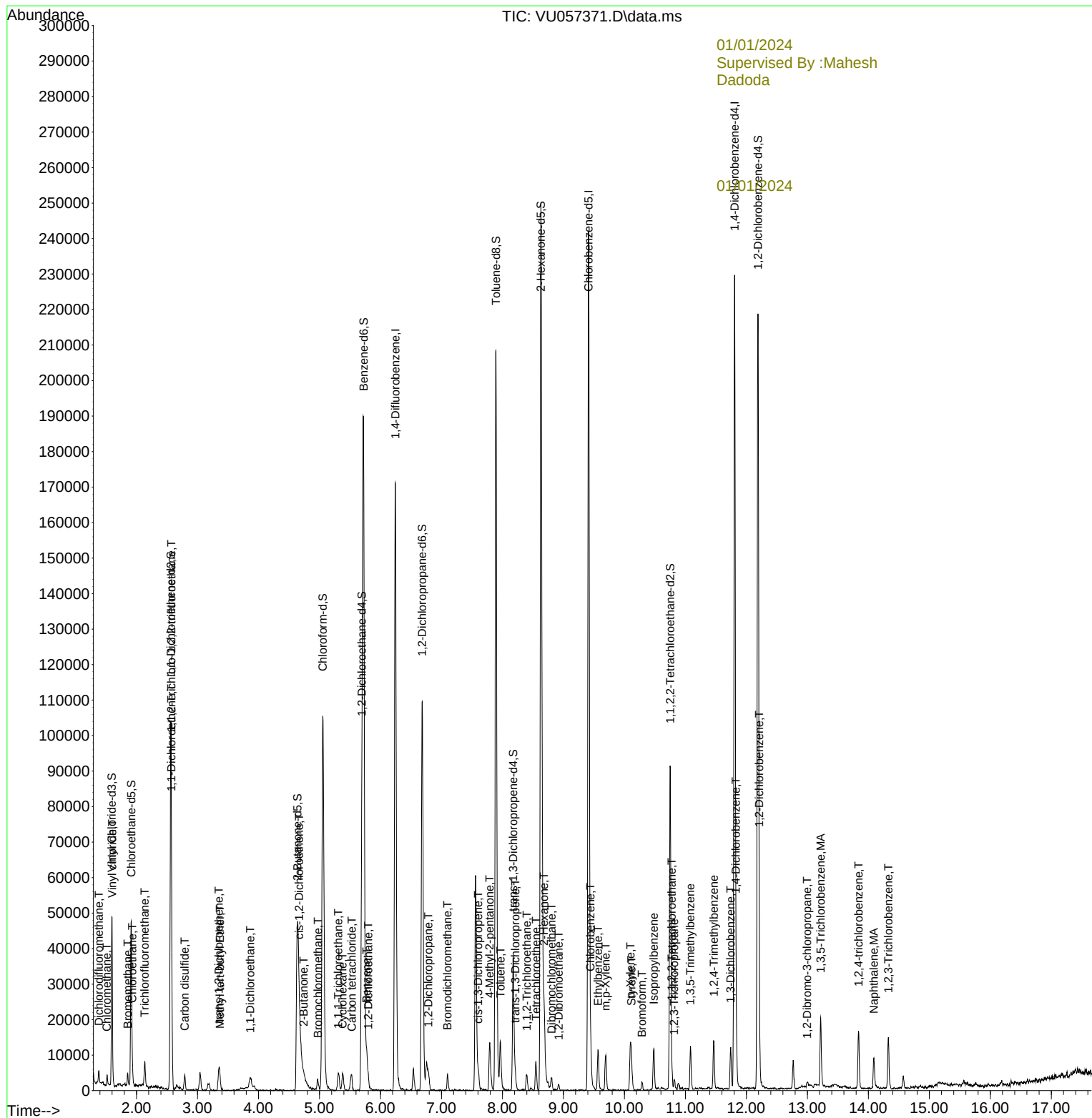
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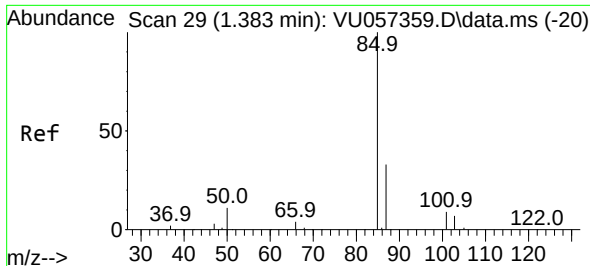
Instrument :
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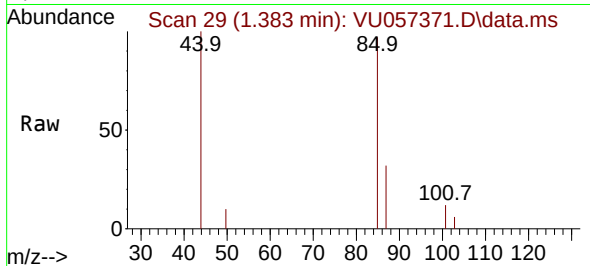
Reviewed By :Semsettin
Yesilyurt





#2
Dichlorodifluoromethane
Concen: 0.234 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

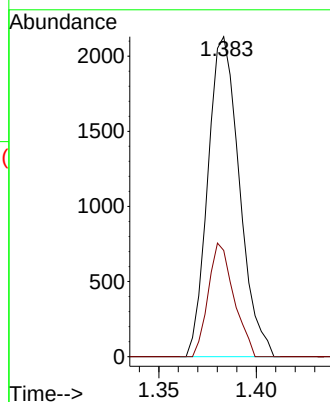
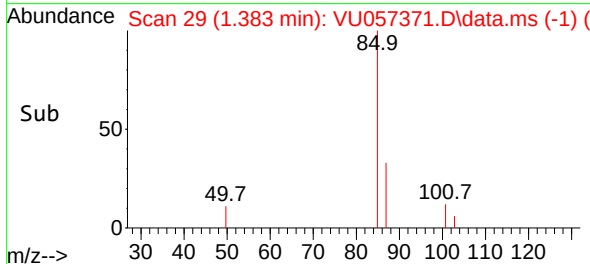
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 85 Resp: 2398
Ion Ratio Lower Upper
85 100
87 28.7 25.9 38.9

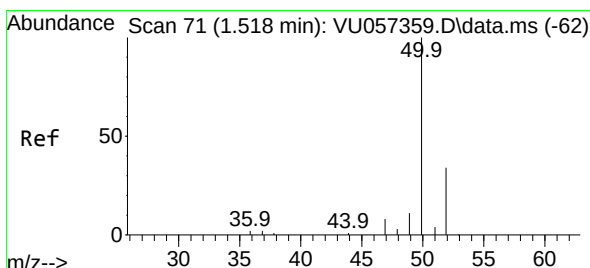
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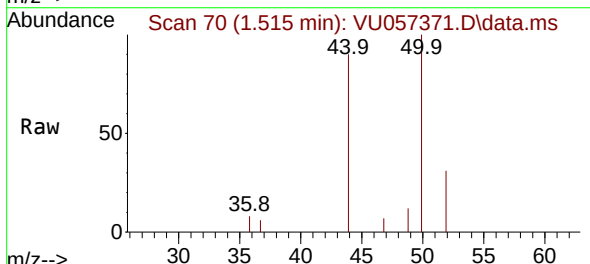


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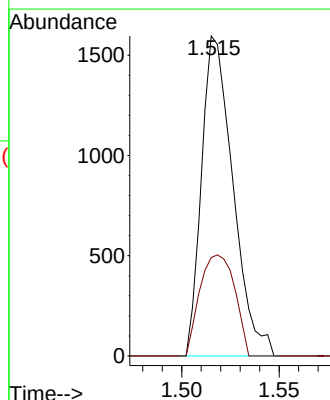
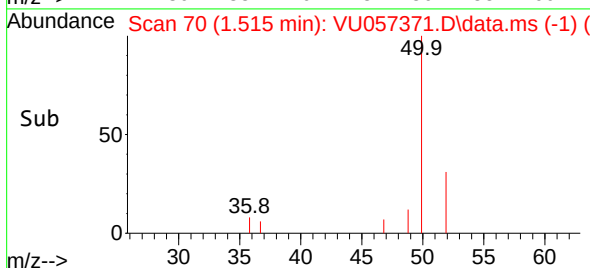
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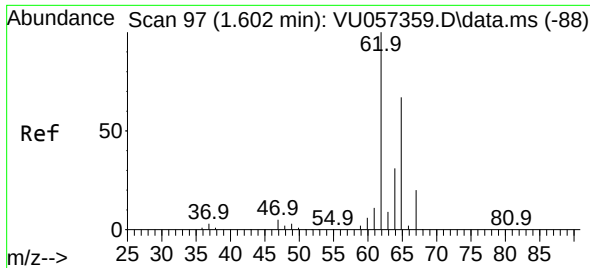


#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08



Tgt Ion: 50 Resp: 1787
Ion Ratio Lower Upper
50 100
52 30.8 22.5 41.7





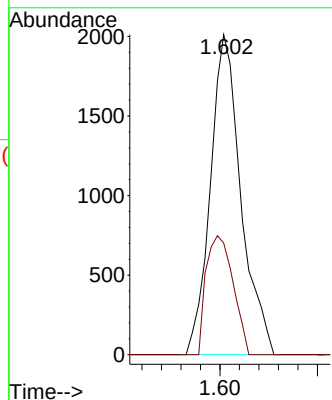
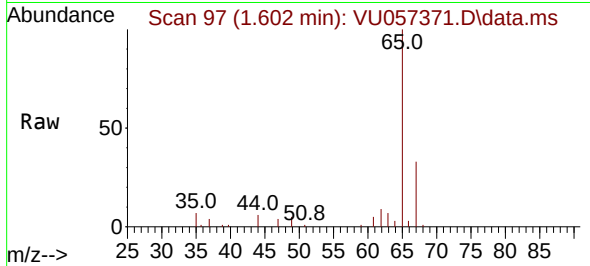
#5
 Vinyl chloride
 Concen: 0.185 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057371.D
 Acq: 29 Dec 2023 15:08

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

Tgt Ion: 62 Resp: 2185
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.8 42.4

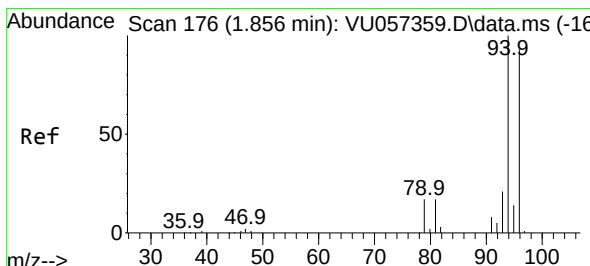
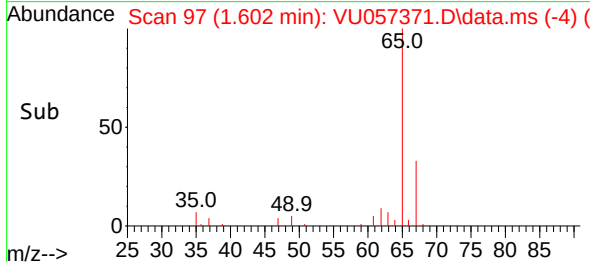
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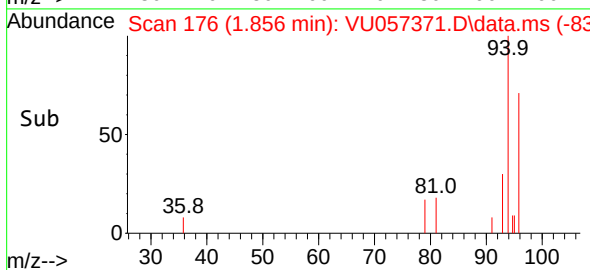
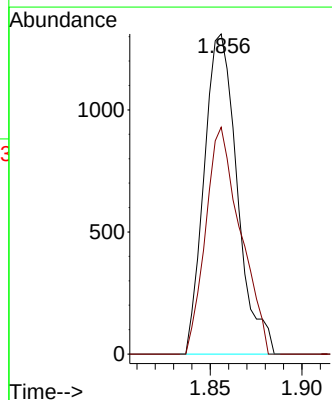
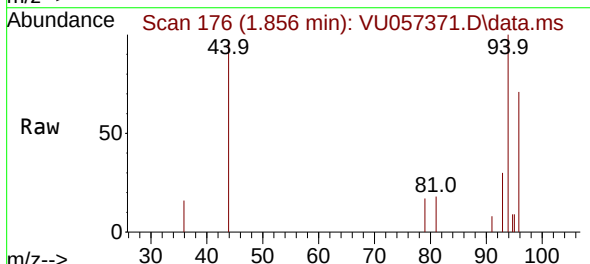
01/01/2024
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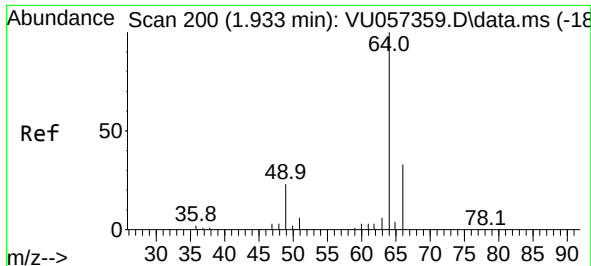
01/01/2024



#6
 Bromomethane
 Concen: 0.295 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU057371.D
 Acq: 29 Dec 2023 15:08

Tgt Ion: 94 Resp: 1644
 Ion Ratio Lower Upper
 94 100
 96 65.0 67.3 125.1#





#8

Chloroethane

Concen: 0.170 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU057371.D

Acq: 29 Dec 2023 15:08

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 64 Resp: 130

Ion Ratio Lower Upper

64 100

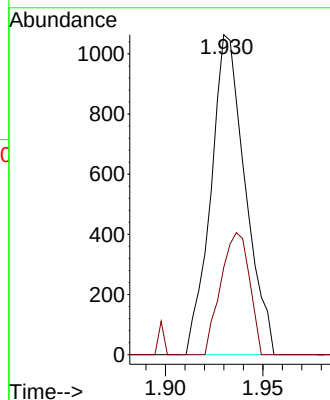
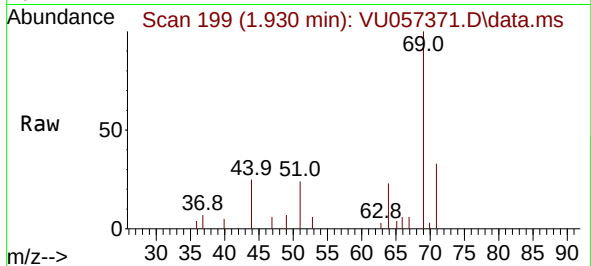
66 27.3 23.3 43.3

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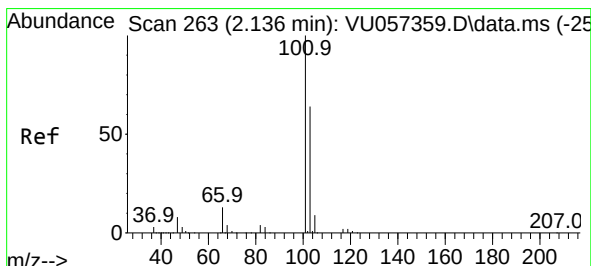
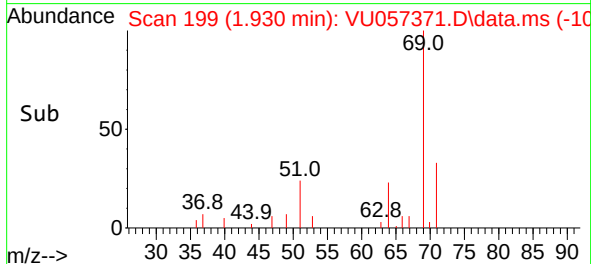


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#9

Trichlorofluoromethane

Concen: 0.247 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.000 min

Lab File: VU057371.D

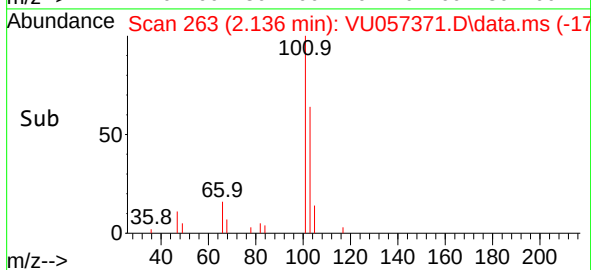
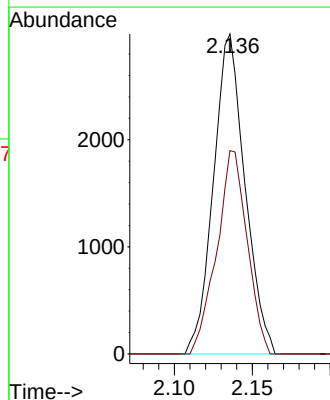
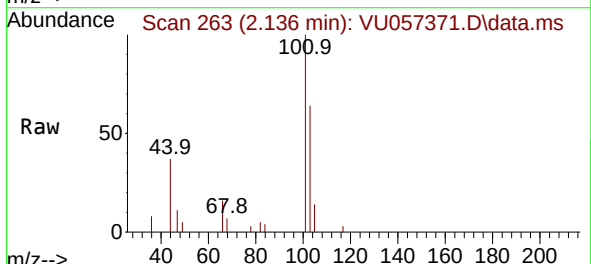
Acq: 29 Dec 2023 15:08

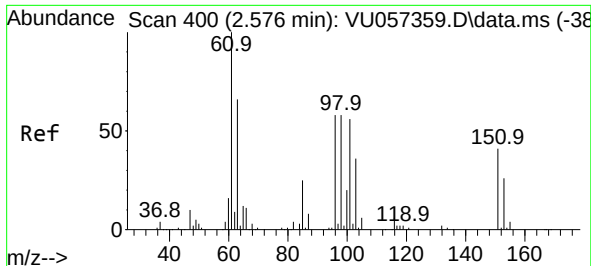
Tgt Ion:101 Resp: 4202

Ion Ratio Lower Upper

101 100

103 61.4 52.2 78.2





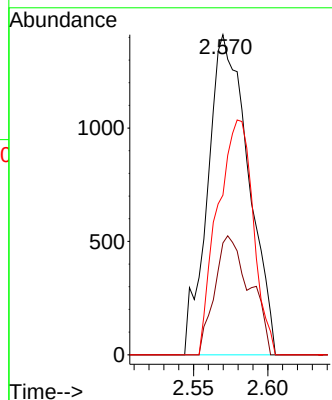
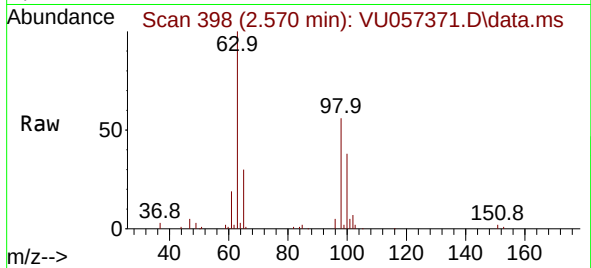
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.262 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU057371.D
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Instrument :
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Tgt Ion:101 Resp: 269
Ion Ratio Lower Upper
101 100
85 32.1 35.1 52.7
151 64.2 55.8 83.6

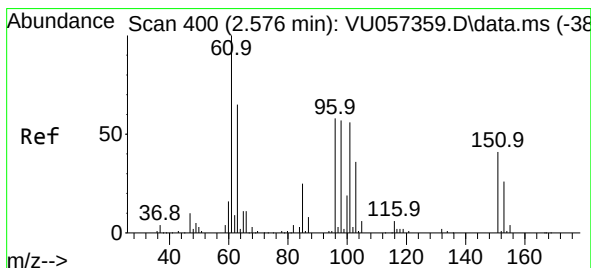
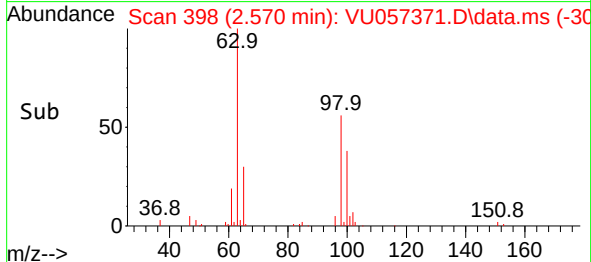
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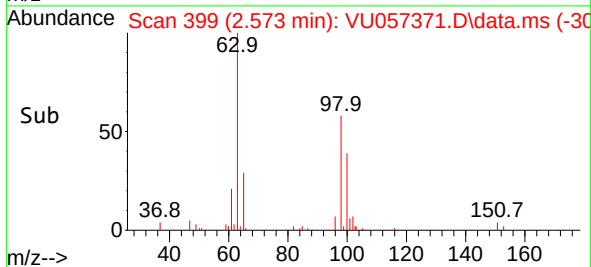
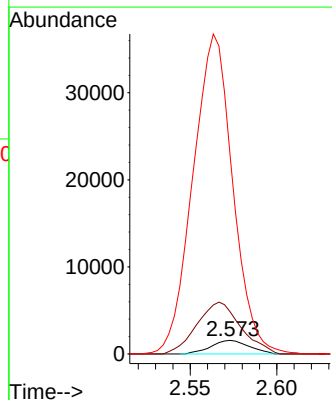
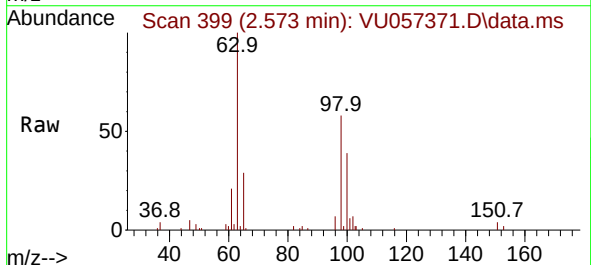
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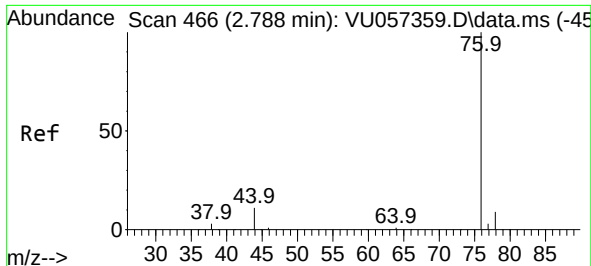
01/01/2024



#12
1,1-Dichloroethene
Concen: 0.260 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057371.D
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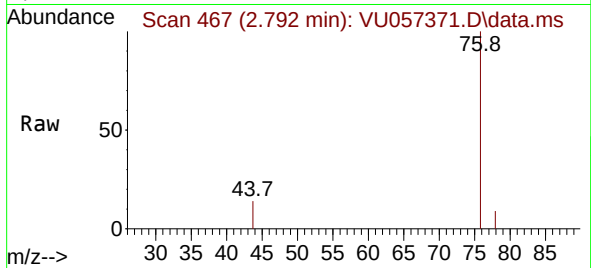
Tgt Ion: 96 Resp: 2404
Ion Ratio Lower Upper
96 100
61 311.8 122.2 226.9#
63 1470.9 99.2 184.2#





#14
Carbon disulfide
Concen: 0.199 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

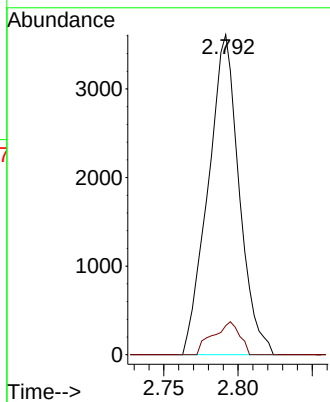
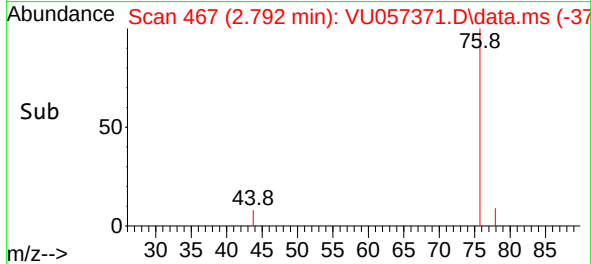
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Tgt Ion: 76 Resp: 5249
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

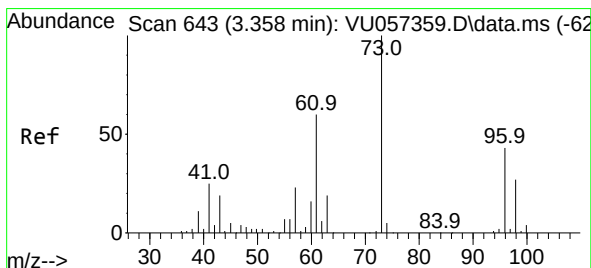
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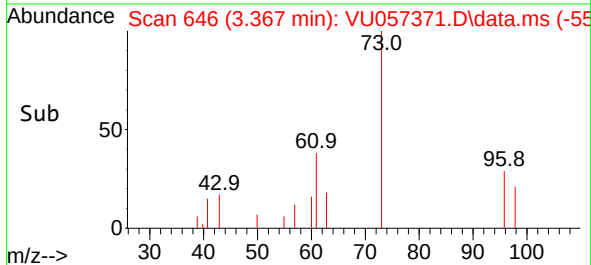
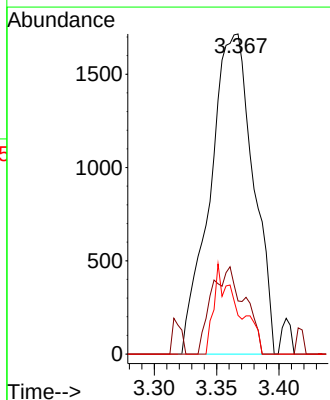
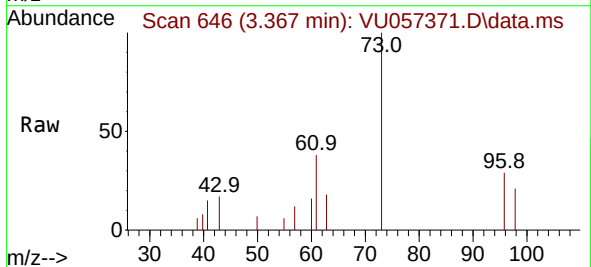
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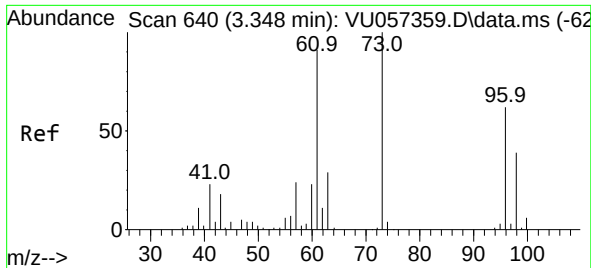
01/01/2024



#17
Methyl tert-butyl Ether
Concen: 0.177 ug/L
RT: 3.367 min Scan# 646
Delta R.T. 0.010 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

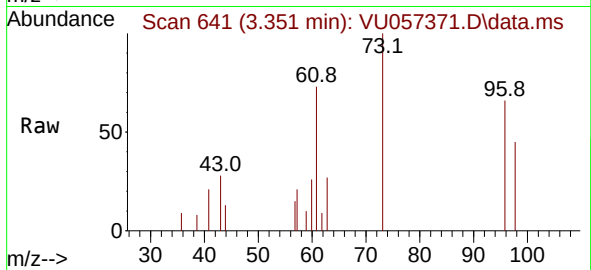
Tgt Ion: 73 Resp: 4133
Ion Ratio Lower Upper
73 100
43 21.0 15.2 22.8
57 12.2 17.8 26.8#





#18
trans-1,2-Dichloroethene
Concen: 0.206 ug/L
RT: 3.351 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

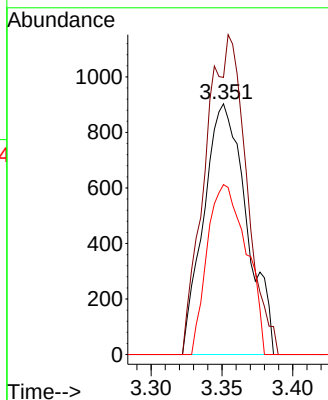
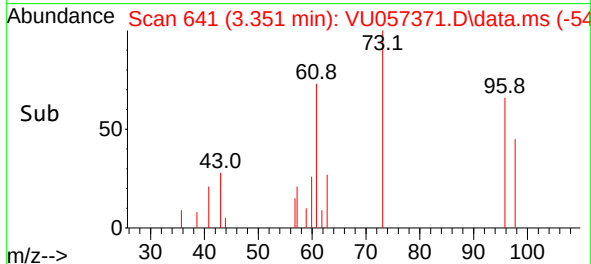
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 96 Resp: 1894
Ion Ratio Lower Upper
96 100
61 110.5 97.5 181.1
98 67.8 45.9 85.3

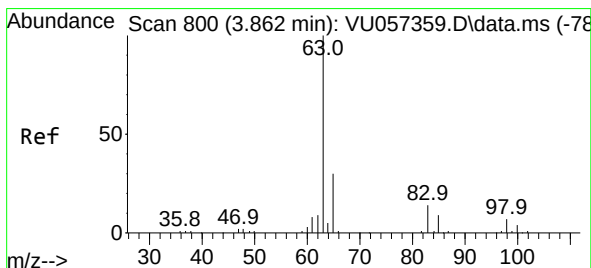
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



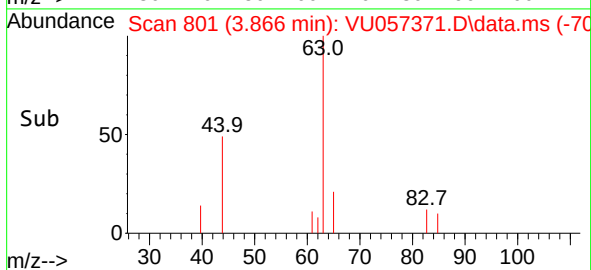
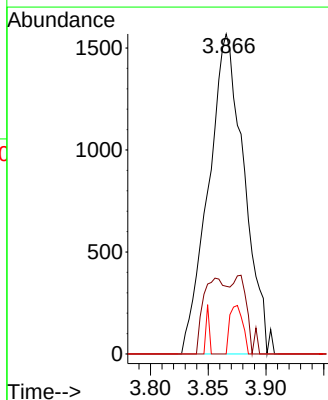
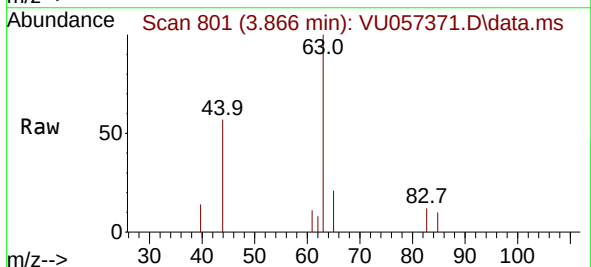
01/01/2024
Supervised By :Mahesh
Dadoda

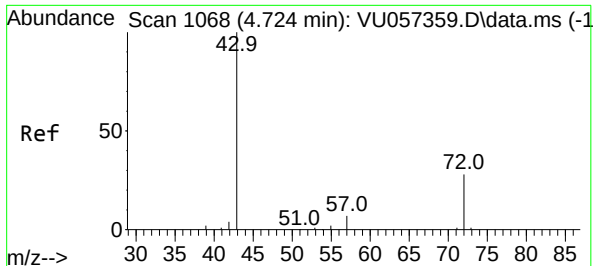
01/01/2024



#19
1,1-Dichloroethane
Concen: 0.175 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

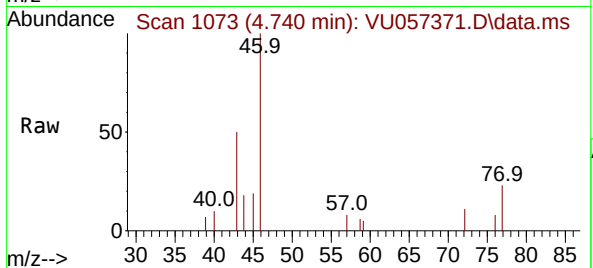
Tgt Ion: 63 Resp: 3365
Ion Ratio Lower Upper
63 100
65 21.2 23.6 43.8#
83 0.0 9.8 18.2#





#21
2-Butanone
Concen: 1.689 ug/L m
RT: 4.740 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

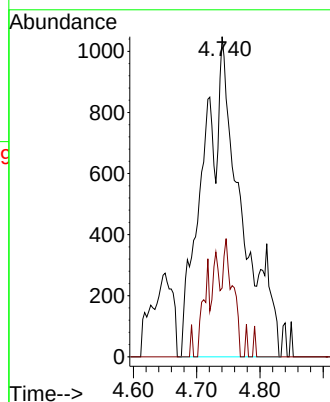
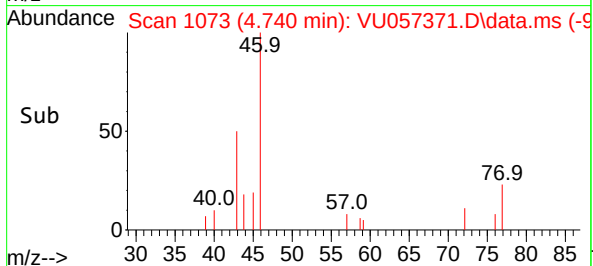
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
72 10.0 14.3 42.9

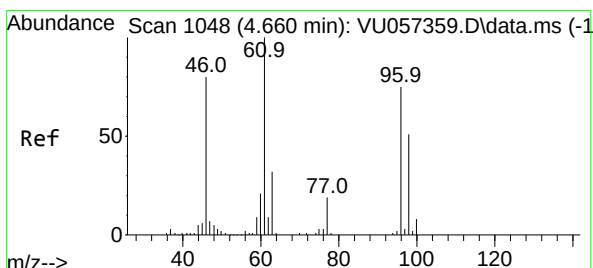
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



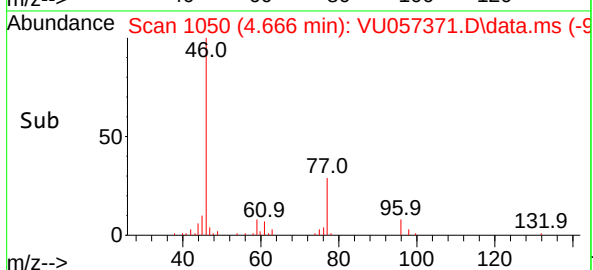
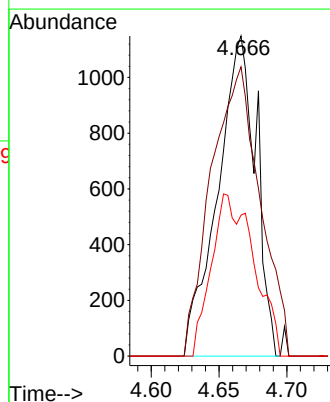
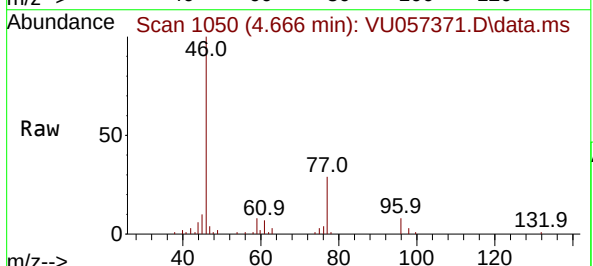
01/01/2024
Supervised By :Mahesh
Dadoda

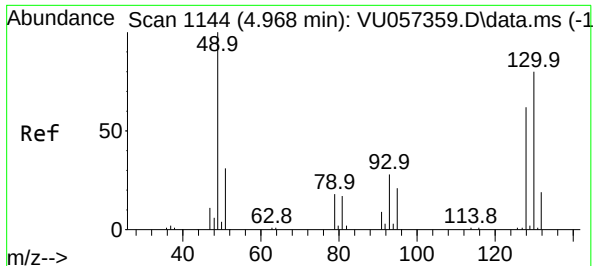
01/01/2024



#22
cis-1,2-Dichloroethene
Concen: 0.214 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

Tgt Ion: 96 Resp: 2265
Ion Ratio Lower Upper
96 100
61 90.3 91.1 169.3#
98 44.0 42.6 79.0





#23

Bromochloromethane

Concen: 0.188 ug/L

RT: 4.978 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU057371.D

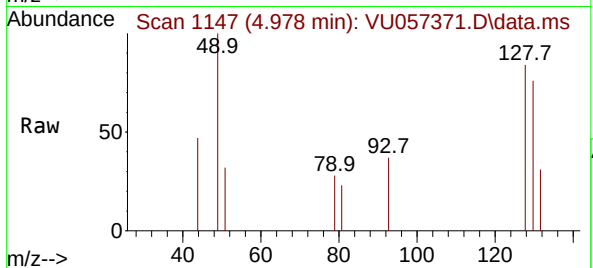
Acq: 29 Dec 2023 15:08

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07



Tgt Ion:128 Resp: 891

Ion Ratio Lower Upper

128 100

49 119.3 113.1 210.1

130 91.2 91.6 170.2

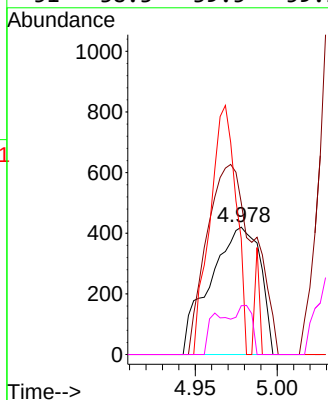
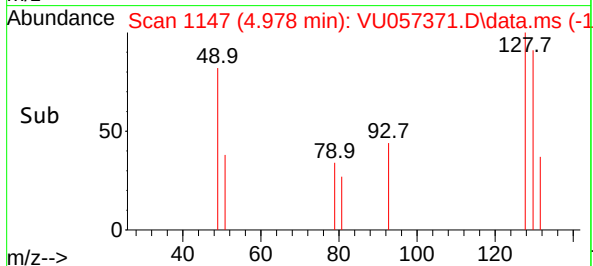
51 38.3 39.5 59.3

Manual Integrations

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Reviewed By :Semsettin

Yesilyurt

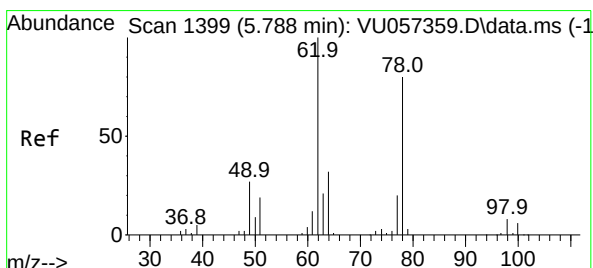


01/01/2024

Supervised By :Mahesh

Dadoda

01/01/2024



#27

1,2-Dichloroethane

Concen: 0.248 ug/L

RT: 5.801 min Scan# 1403

Delta R.T. 0.013 min

Lab File: VU057371.D

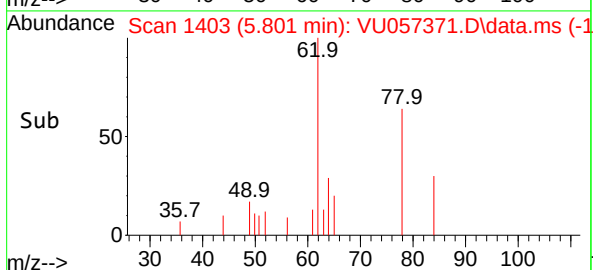
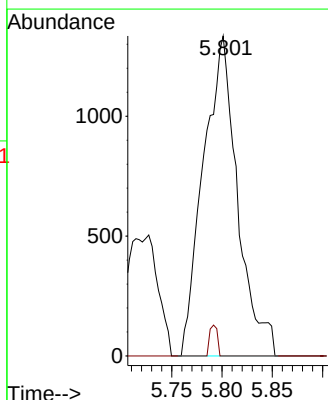
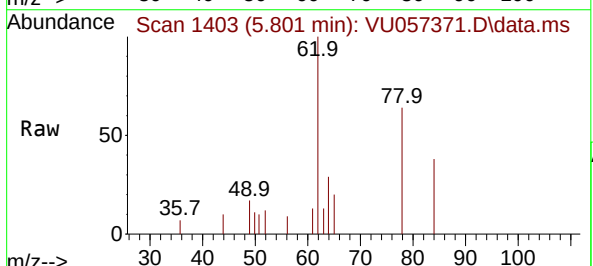
Acq: 29 Dec 2023 15:08

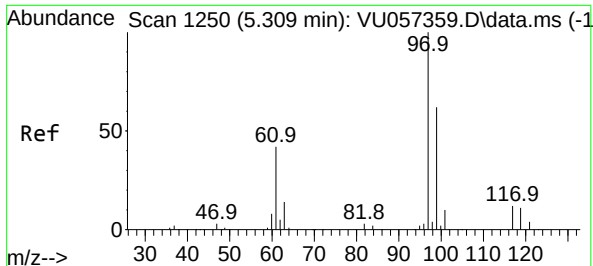
Tgt Ion: 62 Resp: 3160

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 0.225 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU057371.D

Acq: 29 Dec 2023 15:08

Instrument :

MSVOA_U

ClientSampleId :

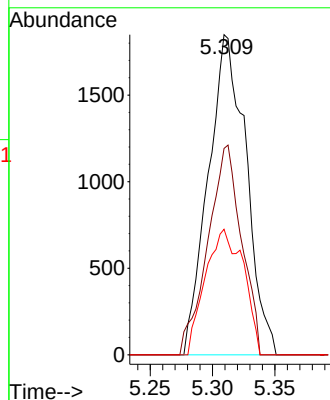
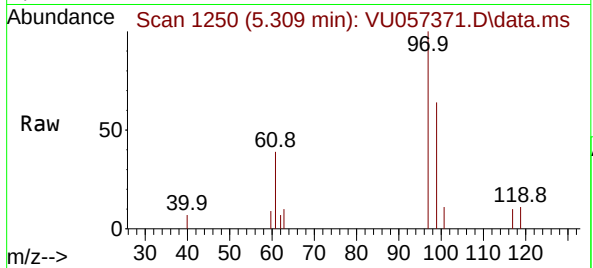
MDL-WATER-QT4-2023-07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	58.3	51.7	77.5
61	39.6	34.1	51.1

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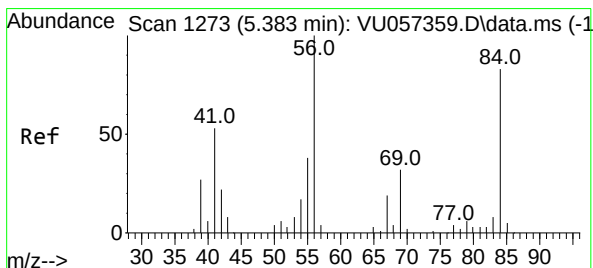
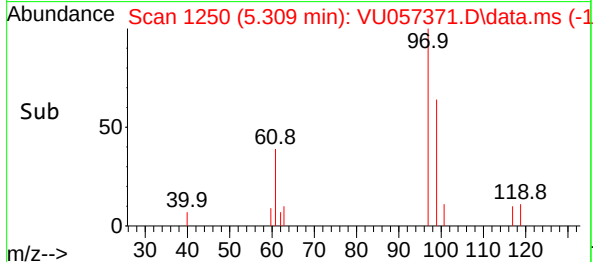
Reviewed By :Semsettin
Yesilyurt



01/01/2024

Supervised By :Mahesh
Dadoda

01/01/2024



#30

Cyclohexane

Concen: 0.191 ug/L

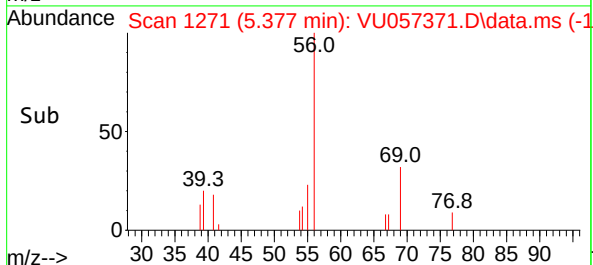
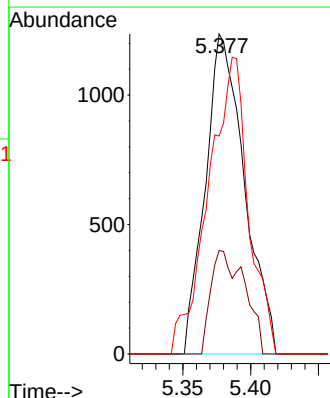
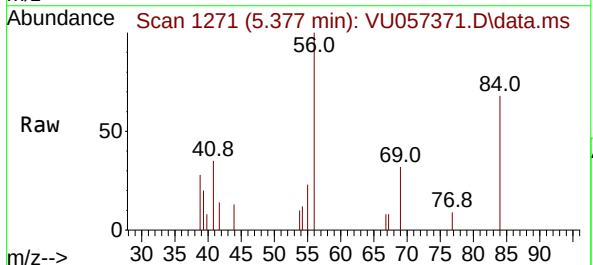
RT: 5.377 min Scan# 1271

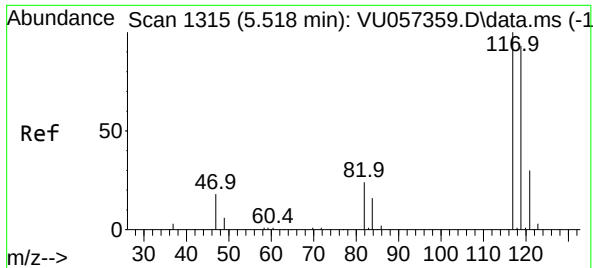
Delta R.T. -0.006 min

Lab File: VU057371.D

Acq: 29 Dec 2023 15:08

Tgt Ion	Ratio	Lower	Upper
56	100		
69	16.7	26.2	39.4
84	94.9	69.4	104.2





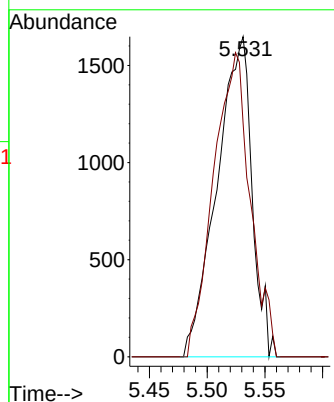
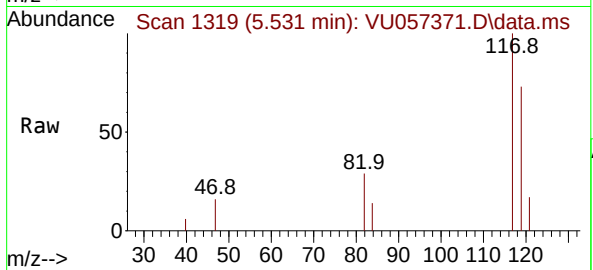
#31
Carbon tetrachloride
Concen: 0.239 ug/L
RT: 5.531 min Scan# 117
Delta R.T. 0.013 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

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

Tgt Ion:117 Resp: 347
Ion Ratio Lower Upper
117 100
119 99.4 76.7 115.1

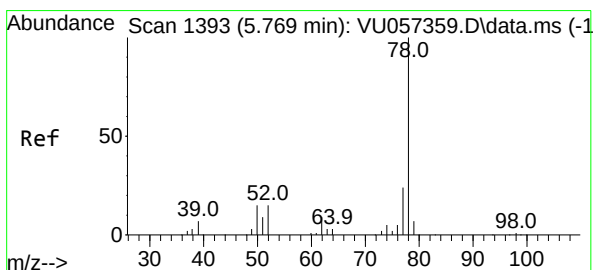
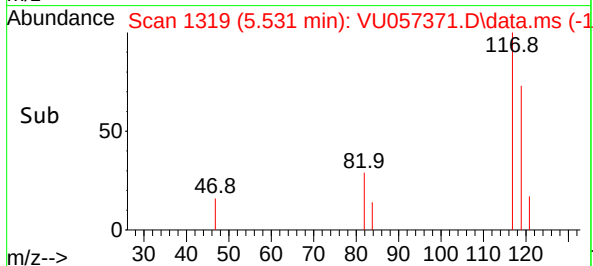
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



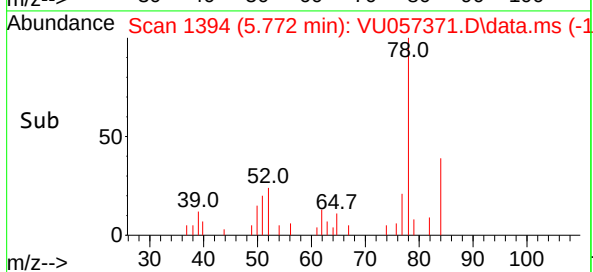
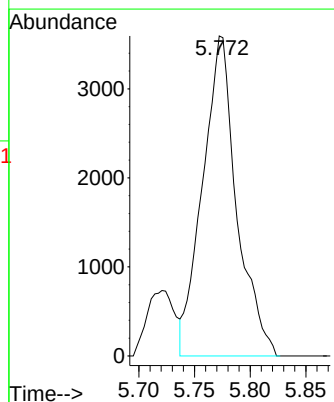
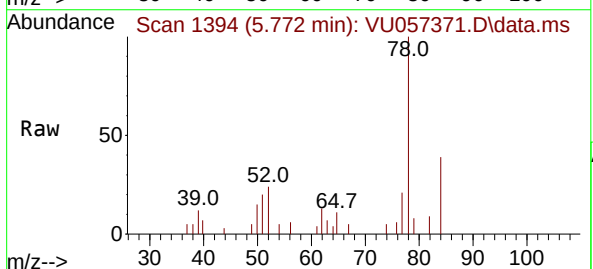
01/01/2024
Supervised By :Mahesh
Dadoda

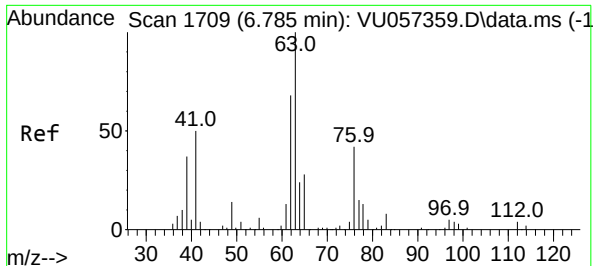
01/01/2024



#33
Benzene
Concen: 0.194 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

Tgt Ion: 78 Resp: 7646





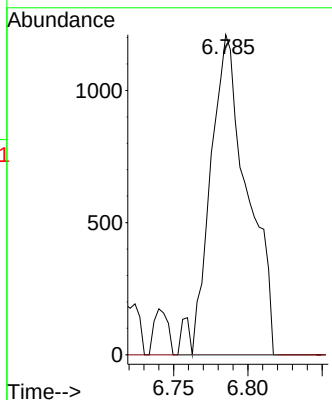
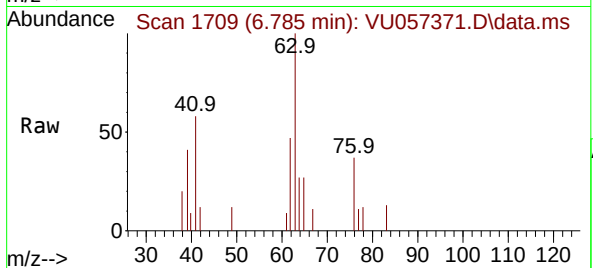
#37
1,2-Dichloropropane
Concen: 0.193 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

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

Tgt Ion: 63 Resp: 2115
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3

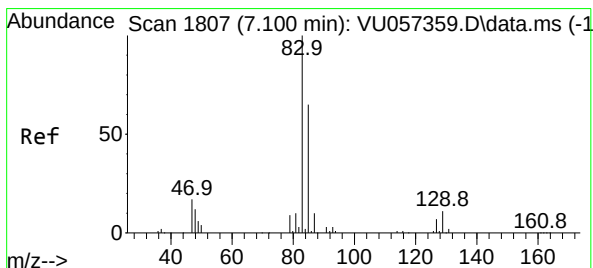
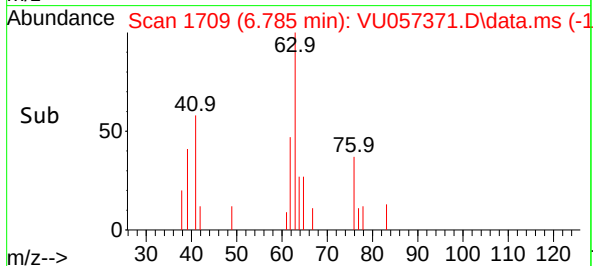
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



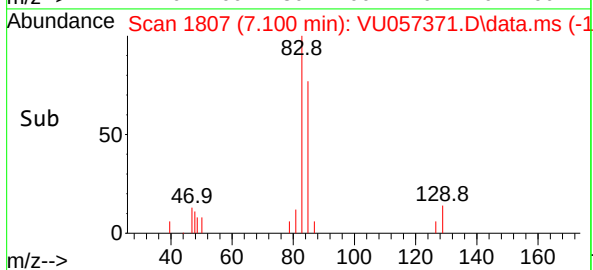
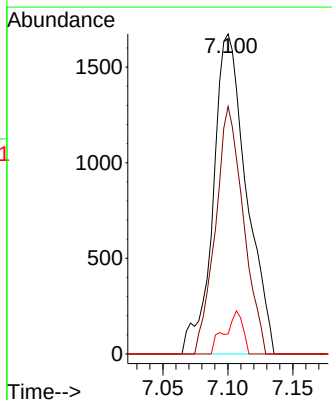
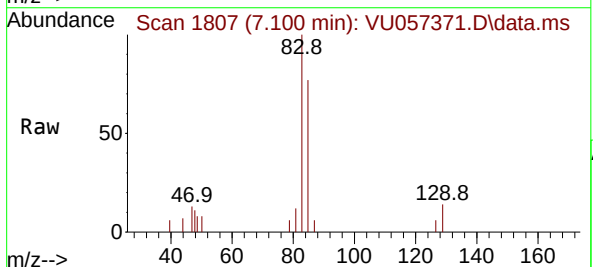
01/01/2024
Supervised By :Mahesh
Dadoda

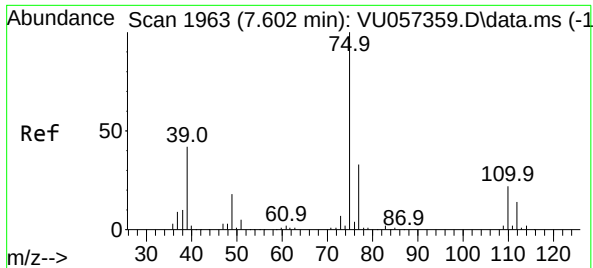
01/01/2024



#38
Bromodichloromethane
Concen: 0.210 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

Tgt Ion: 83 Resp: 2973
Ion Ratio Lower Upper
83 100
85 77.3 42.6 79.0
127 6.3 6.8 10.2





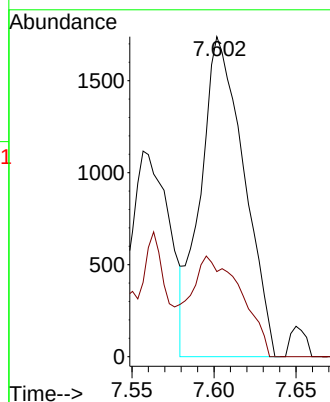
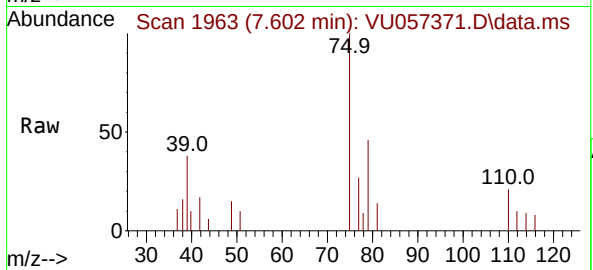
#39
 cis-1,3-Dichloropropene
 Concen: 0.214 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU057371.D
 Acq: 29 Dec 2023 15:08

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

Tgt Ion: 75 Resp: 320
 Ion Ratio Lower Upper
 75 100
 77 26.6 23.0 42.8

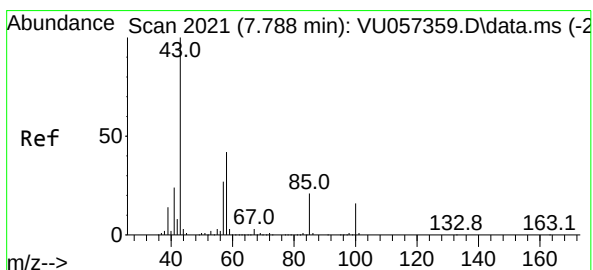
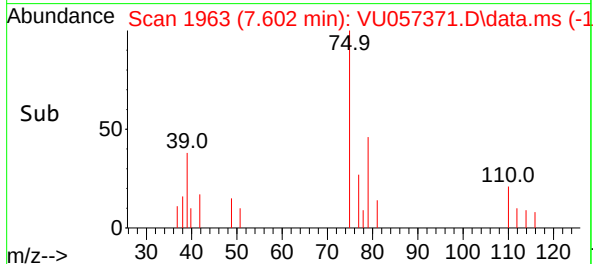
Manual Integrations
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Reviewed By :Semsettin
 Yesilyurt



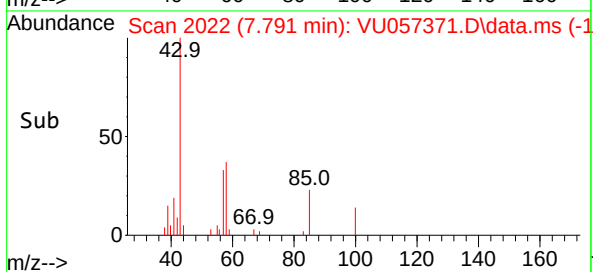
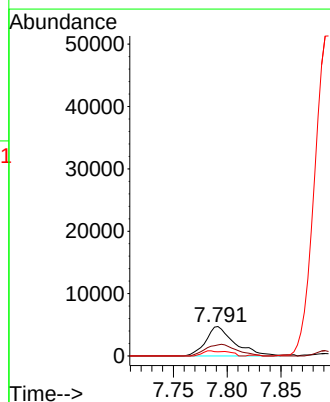
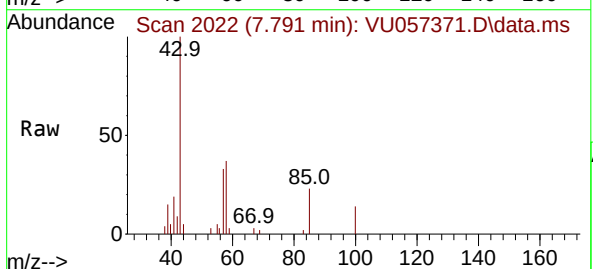
01/01/2024
 Supervised By :Mahesh
 Dadoda

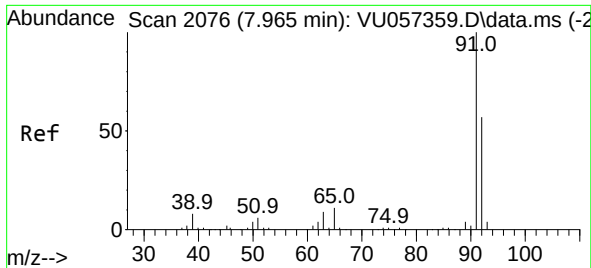
01/01/2024



#40
 4-Methyl-2-pentanone
 Concen: 1.576 ug/L
 RT: 7.791 min Scan# 2022
 Delta R.T. 0.003 min
 Lab File: VU057371.D
 Acq: 29 Dec 2023 15:08

Tgt Ion: 43 Resp: 8804
 Ion Ratio Lower Upper
 43 100
 58 41.9 34.4 51.6
 100 0.0 13.2 19.8#





#42

Toluene

Concen: 0.242 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057371.D

Acq: 29 Dec 2023 15:08

Instrument :

MSVOA_U

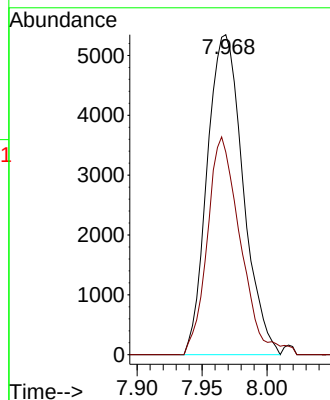
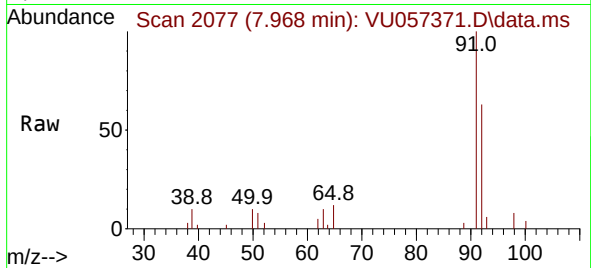
ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 91 Resp: 10254
 Ion Ratio Lower Upper
 91 100
 92 63.3 41.6 77.2

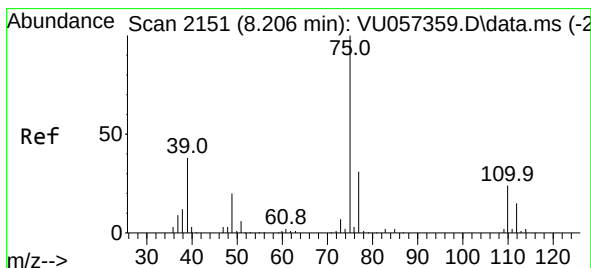
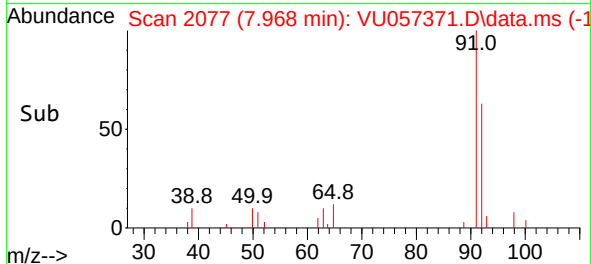
Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt



01/01/2024
 Supervised By :Mahesh
 Dadoda

01/01/2024



#44

trans-1,3-Dichloropropene

Concen: 0.223 ug/L m

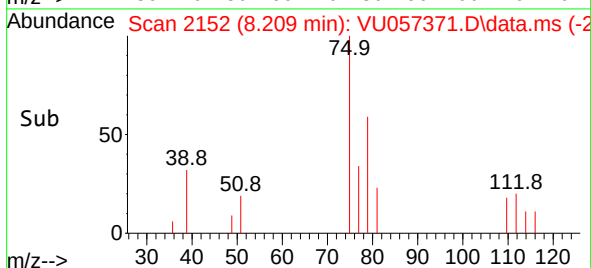
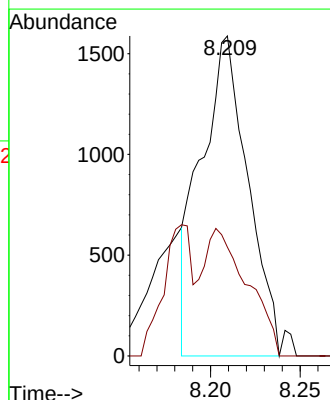
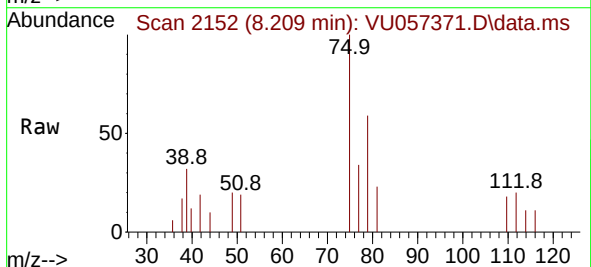
RT: 8.209 min Scan# 2152

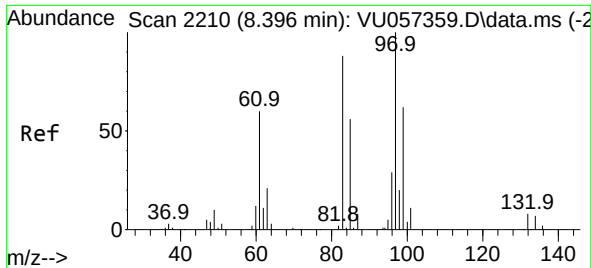
Delta R.T. 0.003 min

Lab File: VU057371.D

Acq: 29 Dec 2023 15:08

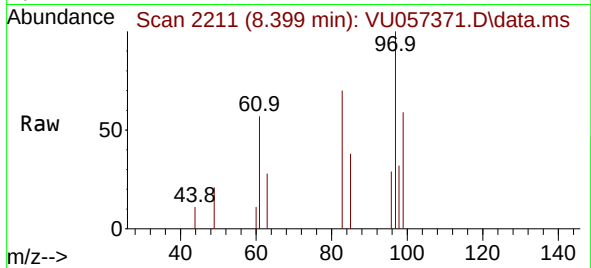
Tgt Ion: 75 Resp: 2913
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.5 41.9





#45
1,1,2-Trichloroethane
Concen: 0.206 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

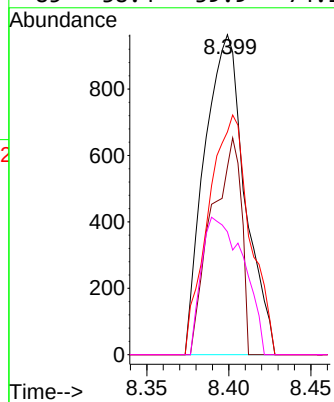
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:	97	Resp:	164
Ion	Ratio	Lower	Upper
97	100		
99	58.6	44.0	81.8
83	69.6	62.3	115.7
85	38.4	39.9	74.1

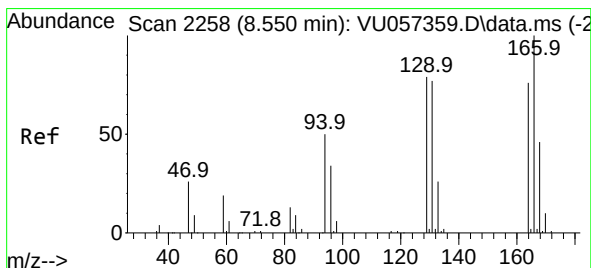
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



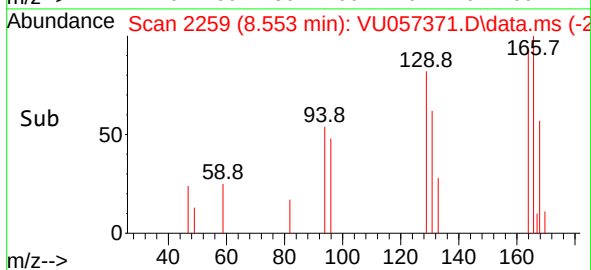
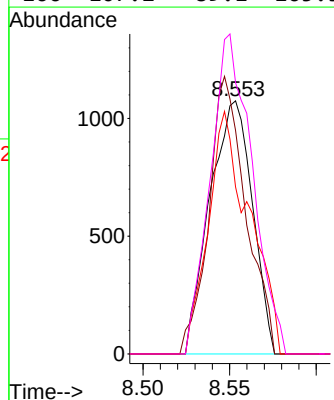
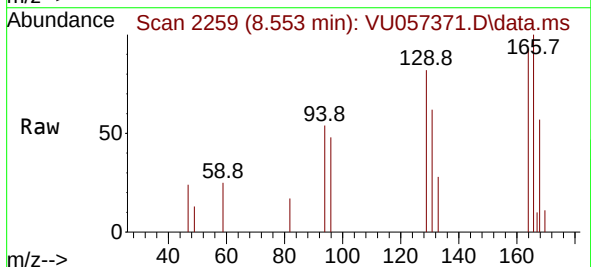
01/01/2024
Supervised By :Mahesh
Dadoda

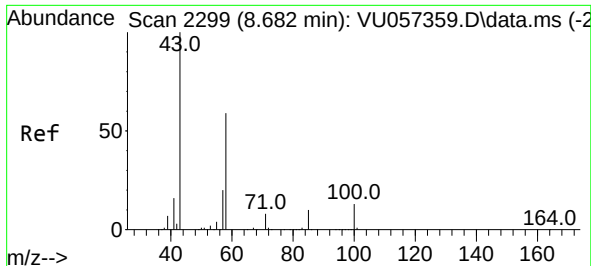
01/01/2024



#47
Tetrachloroethene
Concen: 0.248 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

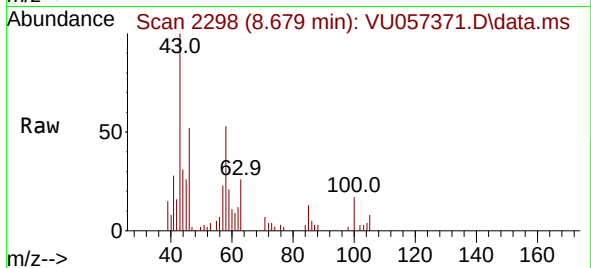
Tgt Ion:	164	Resp:	1839
Ion	Ratio	Lower	Upper
164	100		
129	88.3	71.3	132.5
131	66.0	70.7	131.3
166	107.2	89.1	165.5





#48
2-Hexanone
Concen: 2.806 ug/L
RT: 8.679 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

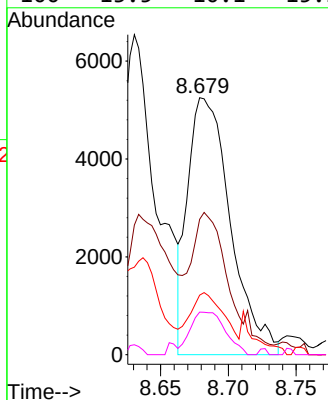
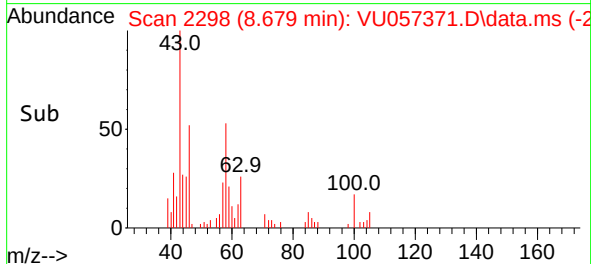
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 43 Resp: 11560
Ion Ratio Lower Upper
43 100
58 49.6 48.4 72.6
57 20.1 17.4 26.2
100 13.5 10.1 15.1

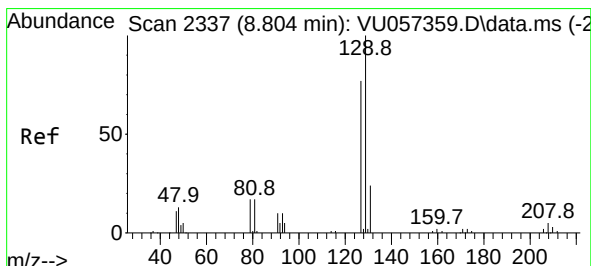
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



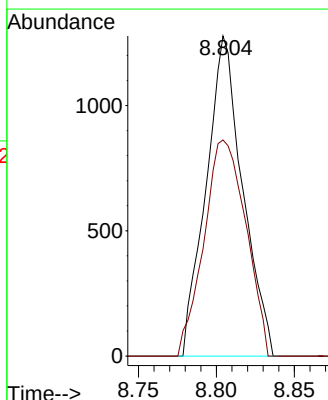
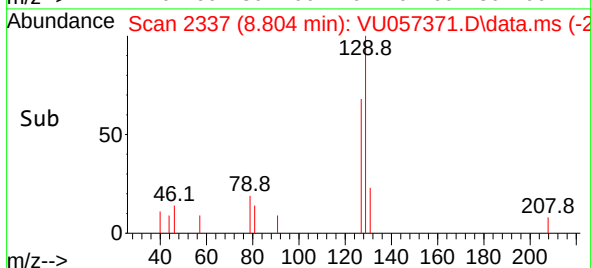
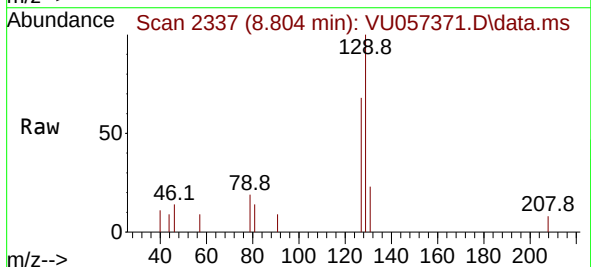
01/01/2024
Supervised By :Mahesh
Dadoda

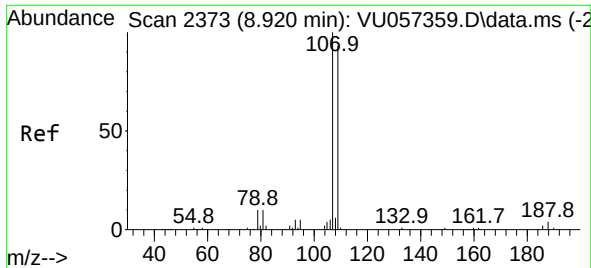
01/01/2024



#49
Dibromochloromethane
Concen: 0.229 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

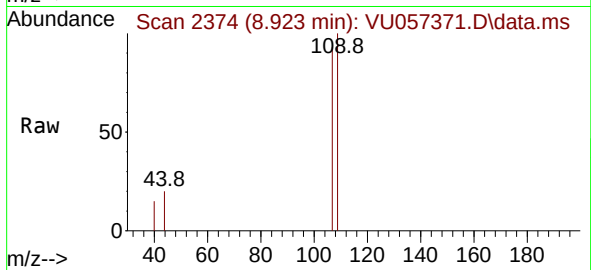
Tgt Ion:129 Resp: 2081
Ion Ratio Lower Upper
129 100
127 67.5 54.2 100.6





#50
1,2-Dibromoethane
Concen: 0.176 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

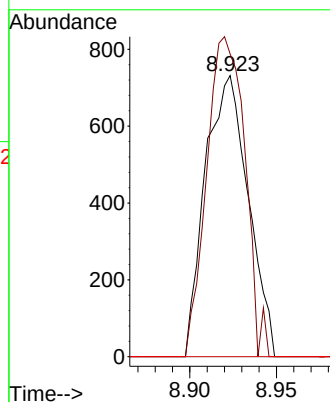
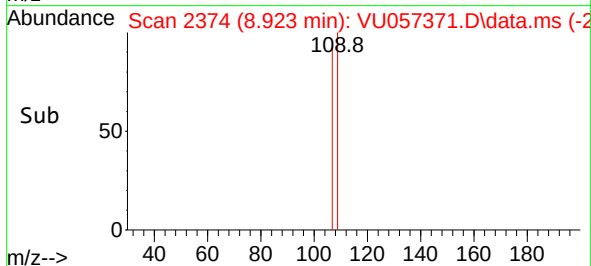
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:107 Resp: 126
Ion Ratio Lower Upper
107 100
109 107.7 65.2 121.2
188 0.0 2.3 3.5

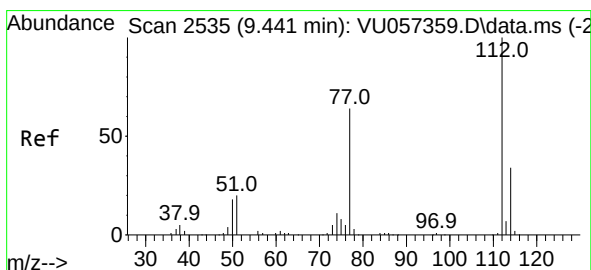
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

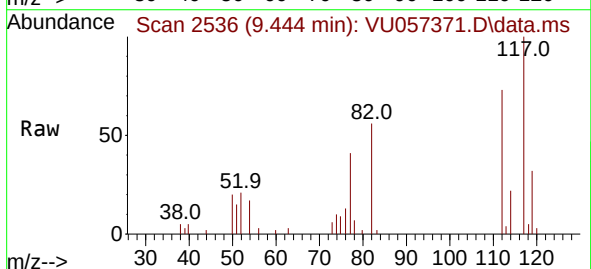


01/01/2024
Supervised By :Mahesh
Dadoda

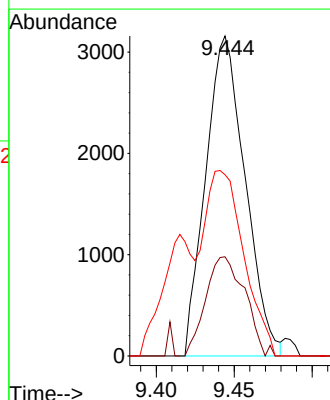
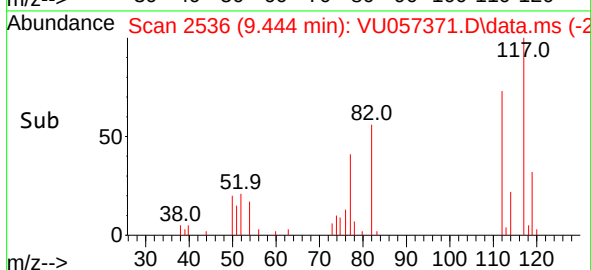
01/01/2024

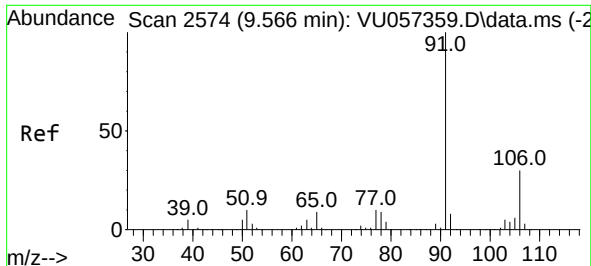


#51
Chlorobenzene
Concen: 0.216 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08



Tgt Ion:112 Resp: 5569
Ion Ratio Lower Upper
112 100
114 31.0 21.8 40.4
77 56.7 51.2 76.8





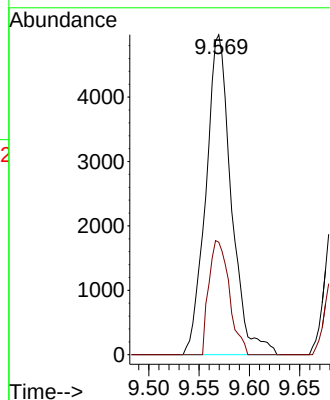
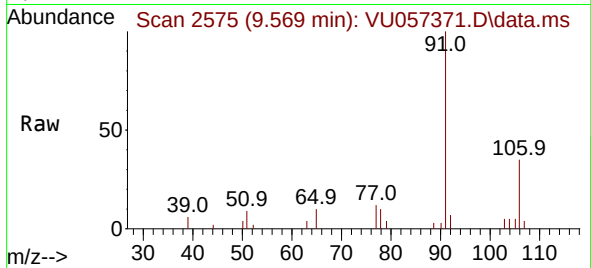
#52
Ethylbenzene
Concen: 0.206 ug/L
RT: 9.569 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

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

Tgt Ion: 91 Resp: 873
Ion Ratio Lower Upper
91 100
106 35.2 21.1 39.3

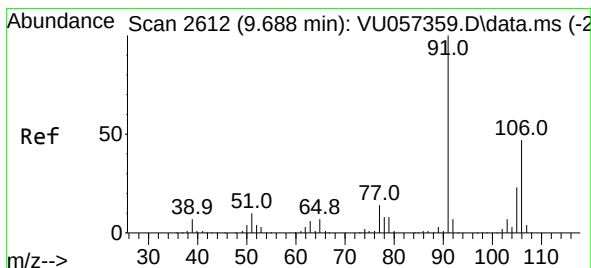
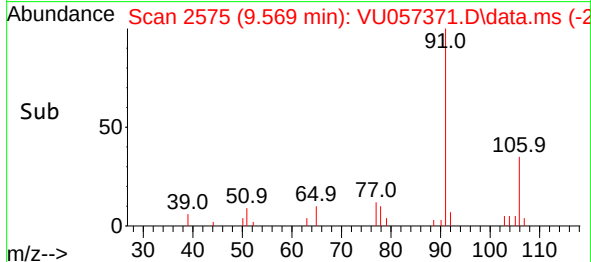
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



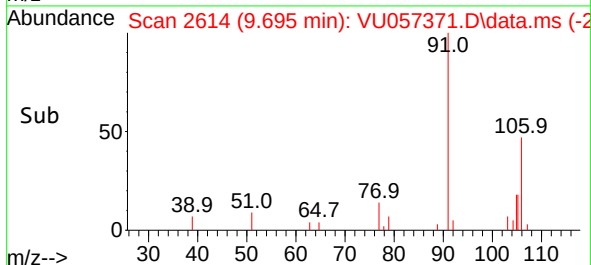
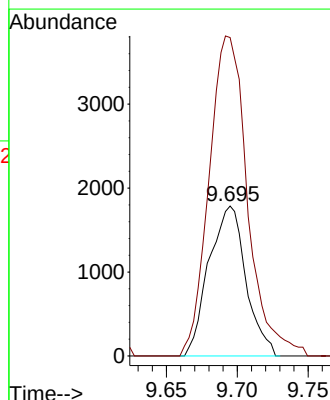
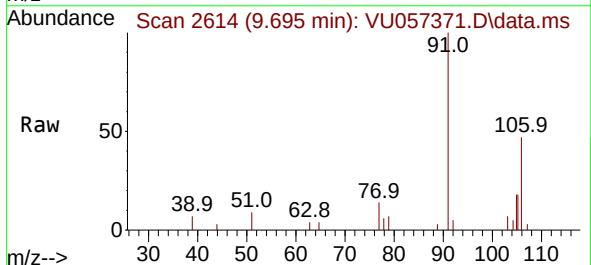
01/01/2024
Supervised By :Mahesh
Dadoda

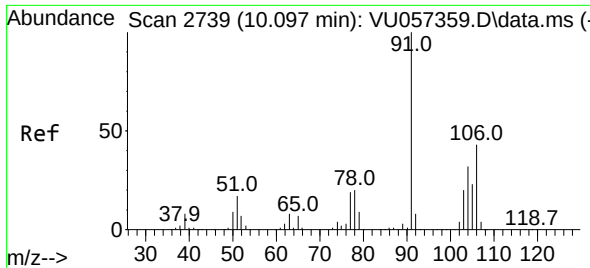
01/01/2024



#53
m,p-Xylene
Concen: 0.201 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.006 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

Tgt Ion:106 Resp: 3240
Ion Ratio Lower Upper
106 100
91 212.4 151.5 281.5





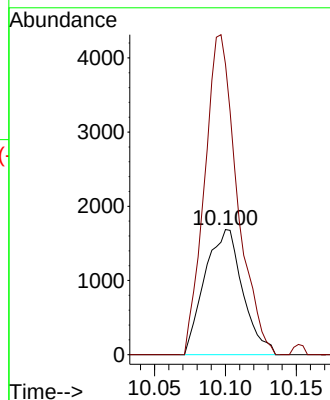
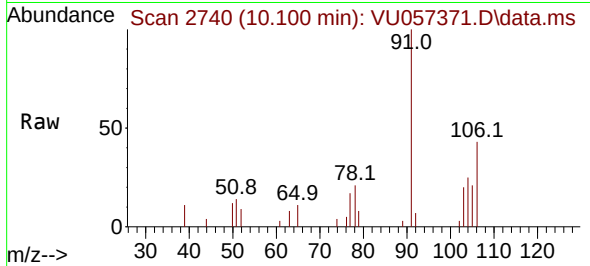
#54
o-Xylene
Concen: 0.204 ug/L
RT: 10.100 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

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

Tgt Ion:106 Resp: 313
Ion Ratio Lower Upper
106 100
91 232.2 156.0 289.8

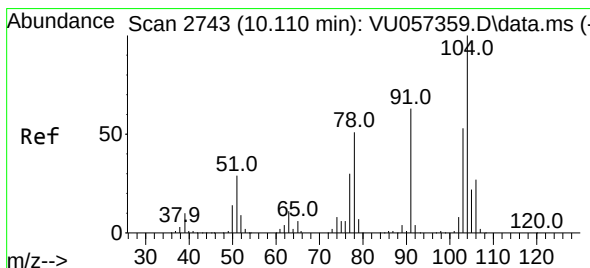
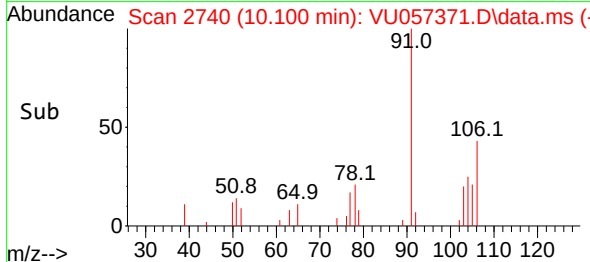
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



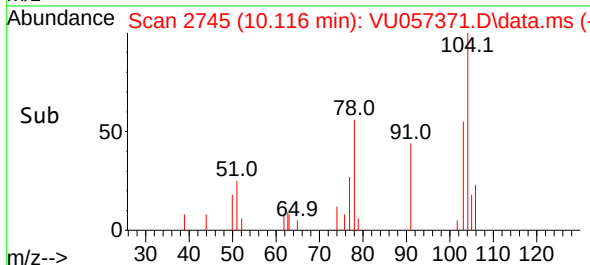
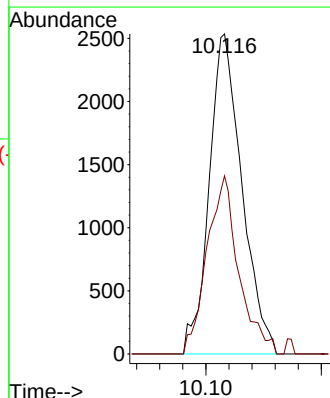
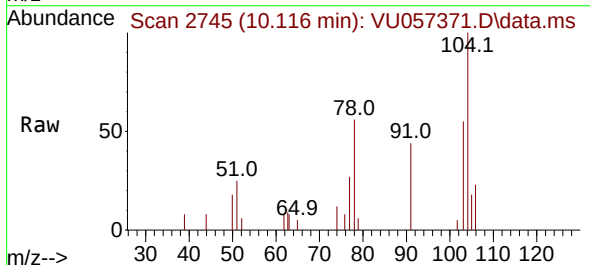
01/01/2024
Supervised By :Mahesh
Dadoda

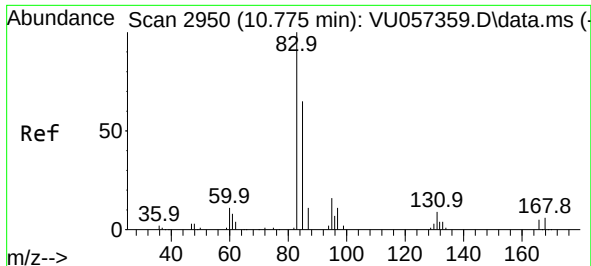
01/01/2024



#55
Styrene
Concen: 0.193 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

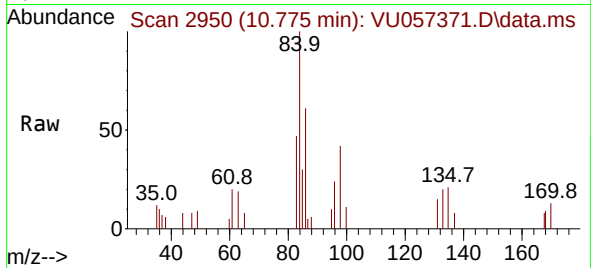
Tgt Ion:104 Resp: 4977
Ion Ratio Lower Upper
104 100
78 55.7 36.3 67.3





#57
1,1,2,2-Tetrachloroethane
Concen: 0.173 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

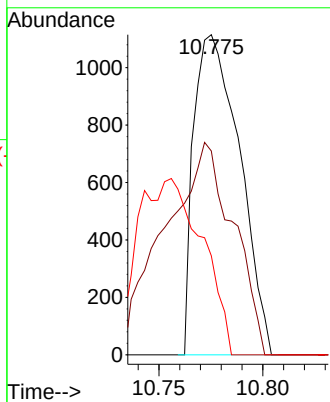
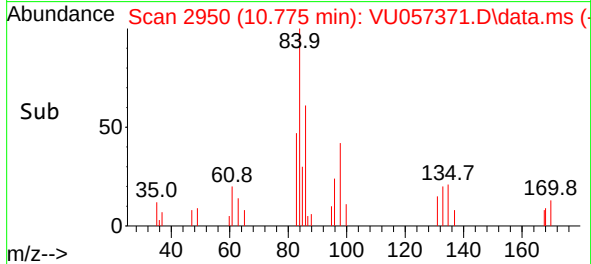
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 83 Resp: 1708
Ion Ratio Lower Upper
83 100
85 63.7 44.7 83.1
131 30.9 7.7 11.5

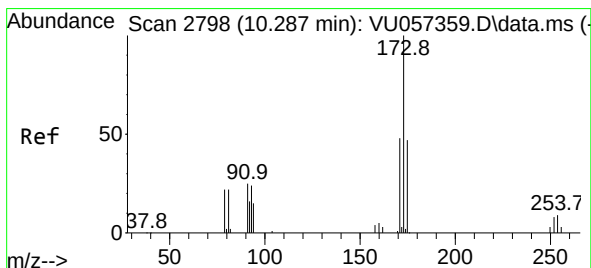
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



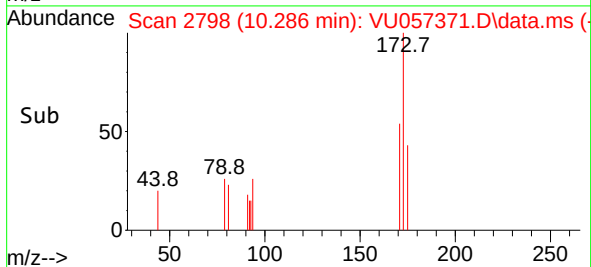
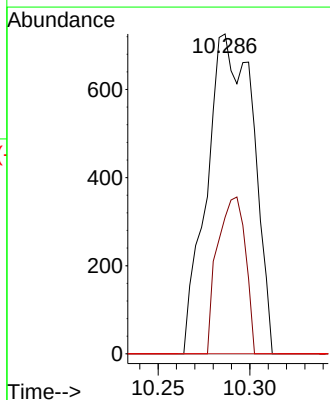
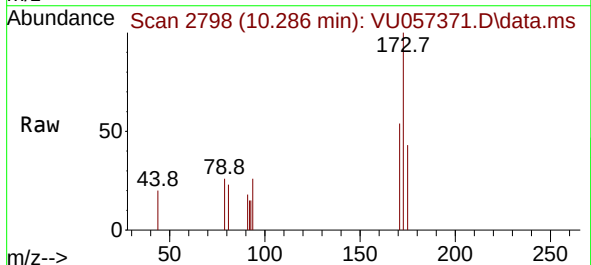
01/01/2024
Supervised By :Mahesh
Dadoda

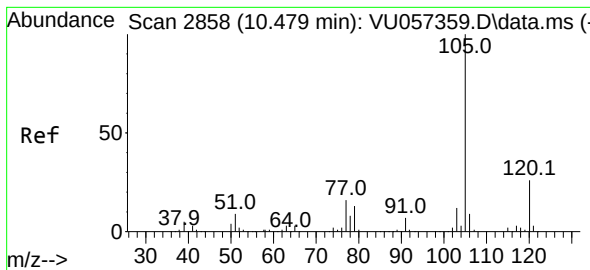
01/01/2024



#59
Bromoform
Concen: 0.270 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

Tgt Ion:173 Resp: 1274
Ion Ratio Lower Upper
173 100
175 29.5 40.2 60.2#
254 0.0 6.8 10.2#





#60

Isopropylbenzene

Concen: 0.219 ug/L

RT: 10.483 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU057371.D

Acq: 29 Dec 2023 15:08

Instrument :

MSVOA_U

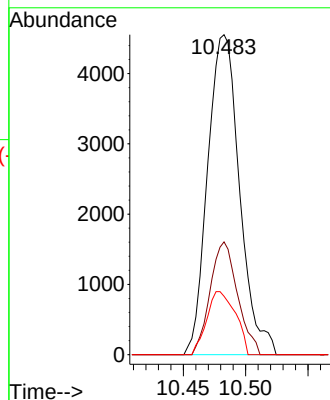
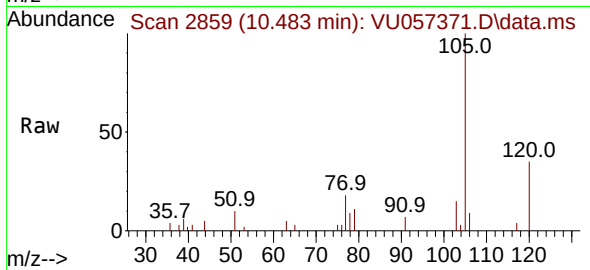
ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:	105	Resp:	8110
Ion Ratio	Lower	Upper	
105	100		
120	30.3	20.2	30.4
77	17.7	13.2	19.8

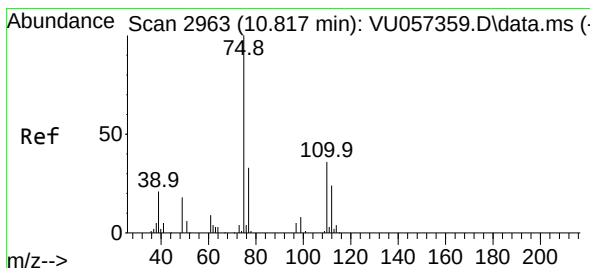
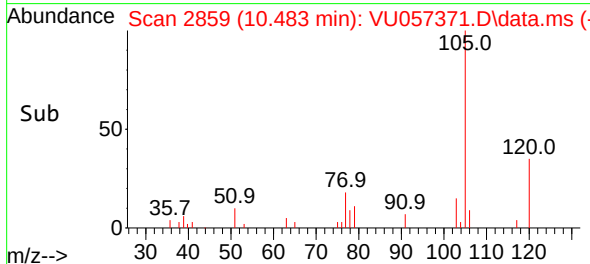
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



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Supervised By :Mahesh
Dadoda

01/01/2024



#61

1,2,3-Trichloropropane

Concen: 0.225 ug/L

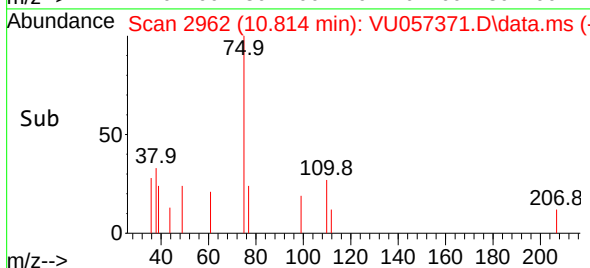
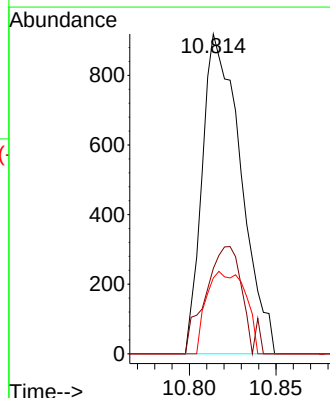
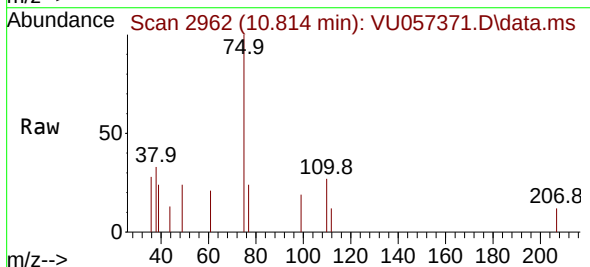
RT: 10.814 min Scan# 2962

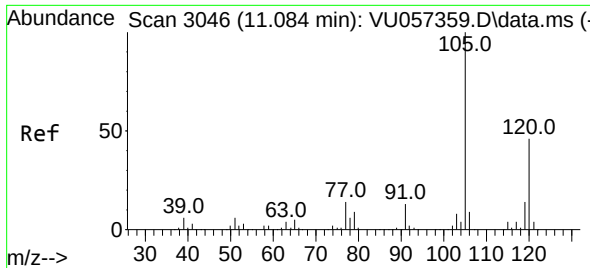
Delta R.T. -0.003 min

Lab File: VU057371.D

Acq: 29 Dec 2023 15:08

Tgt Ion:	75	Resp:	1419
Ion Ratio	Lower	Upper	
75	100		
110	32.1	29.0	43.6
77	25.9	25.4	38.2





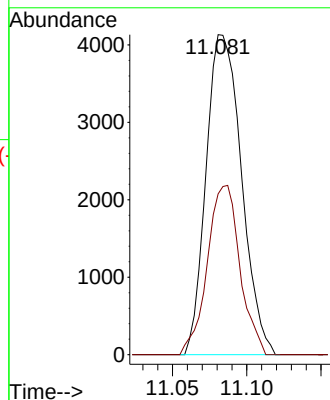
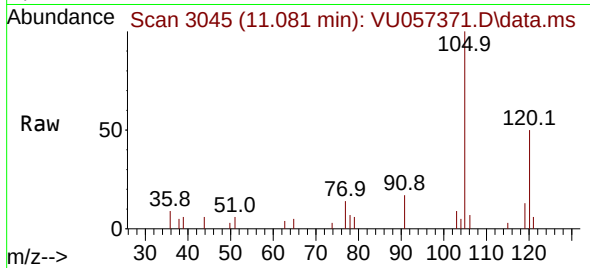
#62
1,3,5-Trimethylbenzene
Concen: 0.237 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

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

Tgt Ion:105 Resp: 6849
Ion Ratio Lower Upper
105 100
120 48.7 36.0 54.0

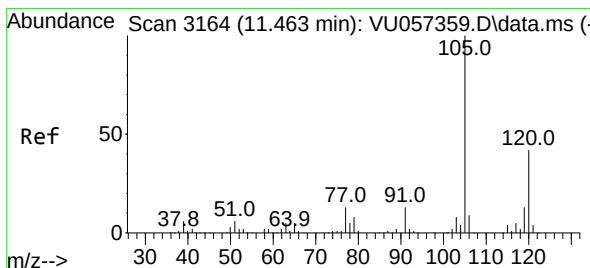
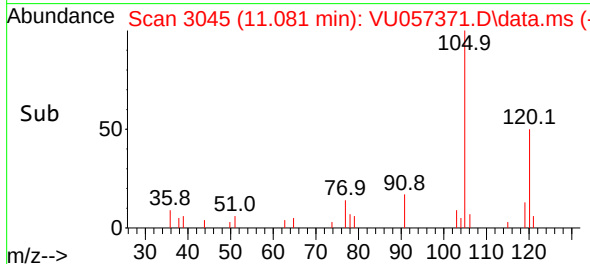
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



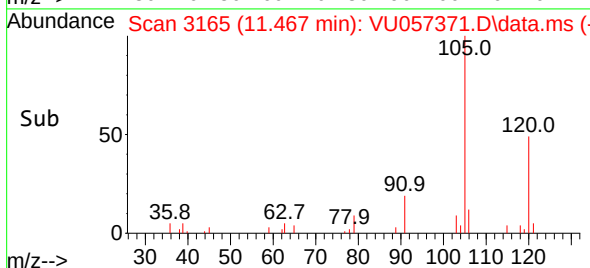
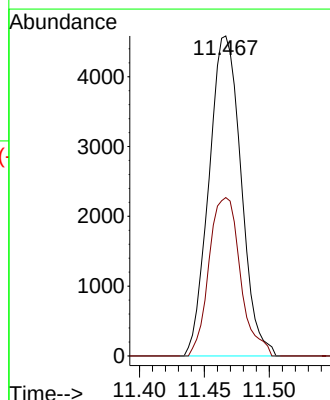
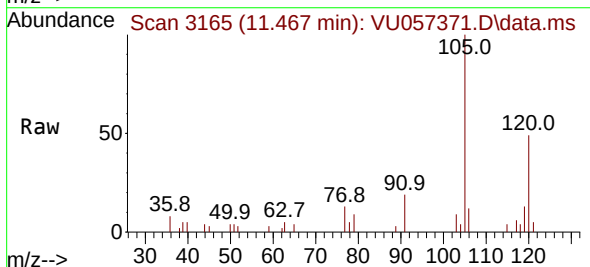
01/01/2024
Supervised By :Mahesh
Dadoda

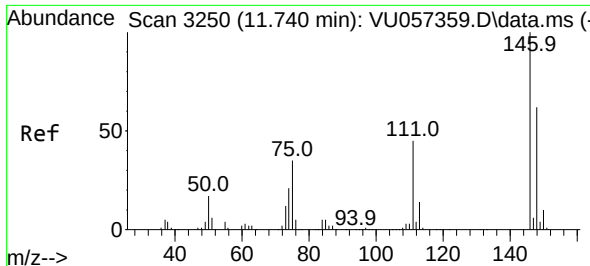
01/01/2024



#63
1,2,4-Trimethylbenzene
Concen: 0.274 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

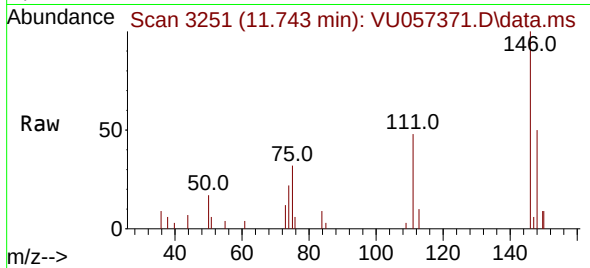
Tgt Ion:105 Resp: 7875
Ion Ratio Lower Upper
105 100
120 48.3 33.5 50.3





#64
1,3-Dichlorobenzene
Concen: 0.278 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

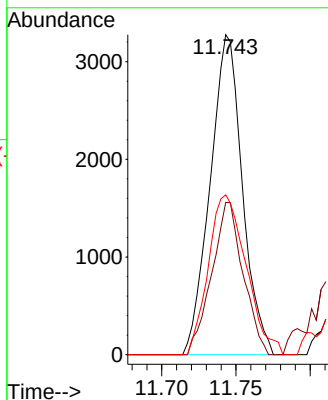
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2023-07



Tgt Ion:146 Resp: 4948
Ion Ratio Lower Upper
146 100
111 47.6 31.4 58.2
148 49.9 44.3 82.3

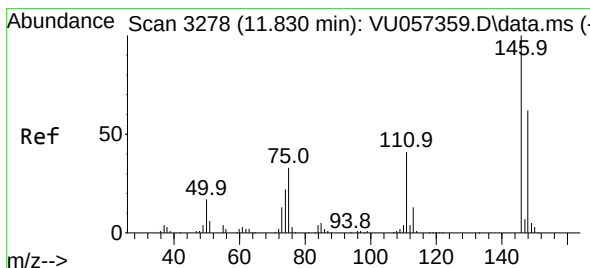
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Reviewed By :Semsettin
Yesilyurt

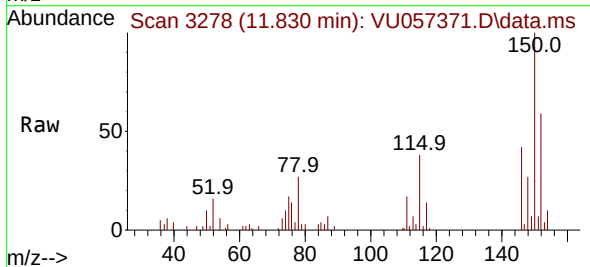


01/01/2024
Supervised By :Mahesh
Dadoda

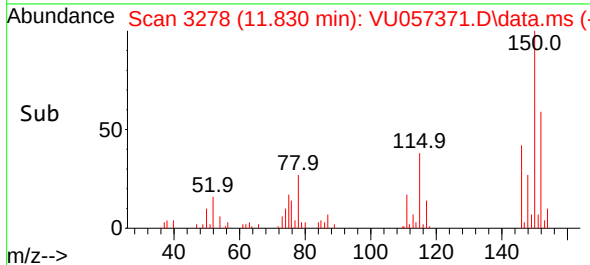
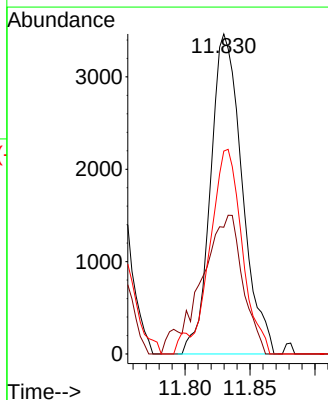
01/01/2024

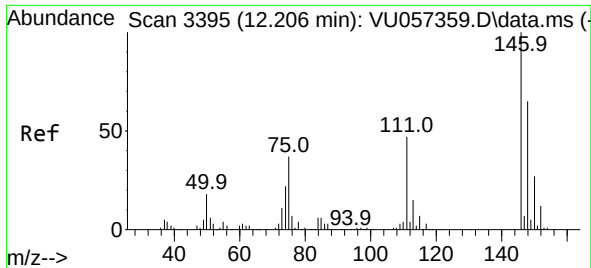


#65
1,4-Dichlorobenzene
Concen: 0.323 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08



Tgt Ion:146 Resp: 5846
Ion Ratio Lower Upper
146 100
111 39.6 30.9 57.3
148 63.4 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 0.370 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU057371.D

Acq: 29 Dec 2023 15:08

Instrument :

MSVOA_U

ClientSampleId :

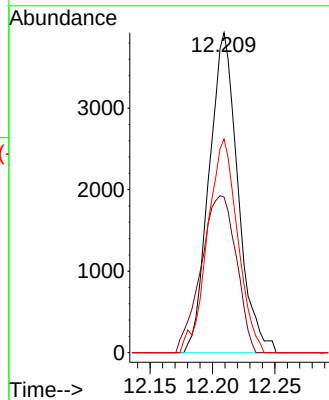
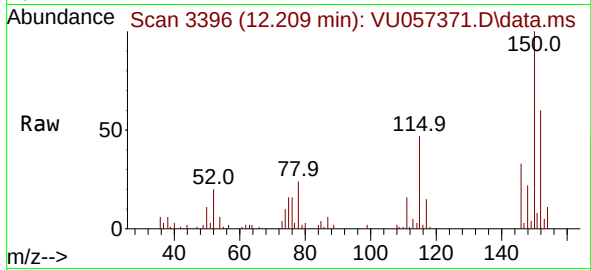
MDL-WATER-QT4-2023-07

Tgt Ion:	146	Resp:	6318
Ion Ratio	Lower	Upper	
146	100		
111	48.6	37.8	56.8
148	66.8	51.4	77.0

Manual Integrations

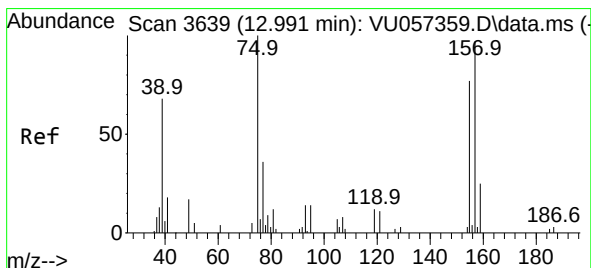
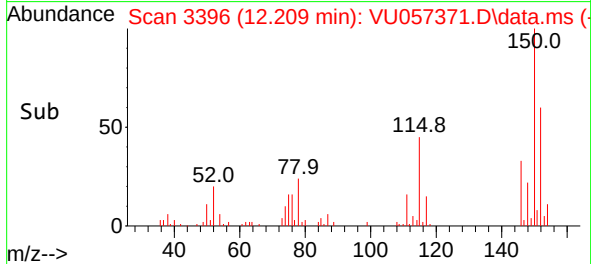
APPROVED

Reviewed By :Semsettin
Yesilyurt



01/01/2024
Supervised By :Mahesh
Dadoda

01/01/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 0.277 ug/L

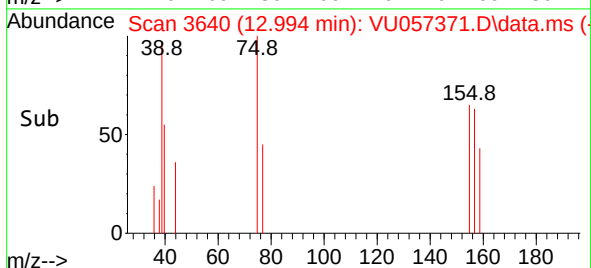
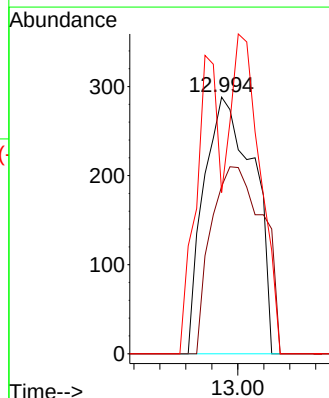
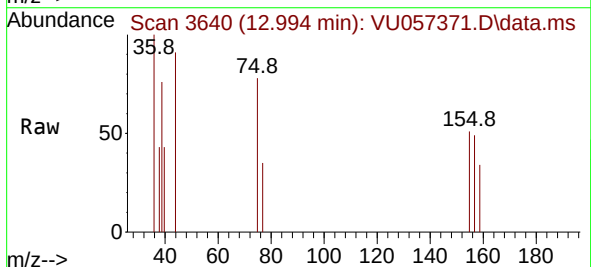
RT: 12.994 min Scan# 3640

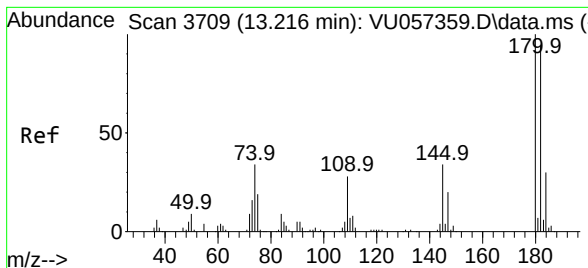
Delta R.T. 0.003 min

Lab File: VU057371.D

Acq: 29 Dec 2023 15:08

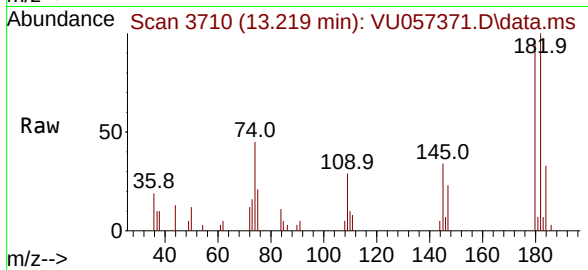
Tgt Ion:	75	Resp:	383
Ion Ratio	Lower	Upper	
75	100		
155	65.3	53.8	80.8
157	62.8	69.7	104.5





#69
 1,3,5-Trichlorobenzene
 Concen: 0.453 ug/L
 RT: 13.219 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU057371.D
 Acq: 29 Dec 2023 15:08

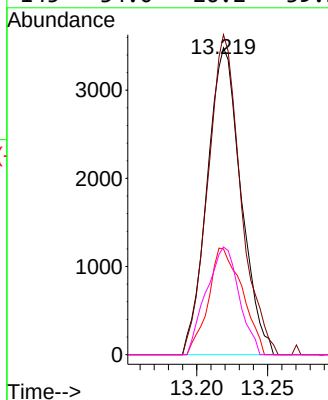
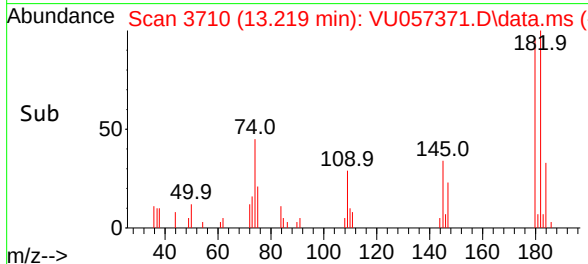
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-07



Tgt Ion:180 Resp: 577
 Ion Ratio Lower Upper
 180 100
 182 101.0 76.3 114.5
 184 34.8 23.6 35.4
 145 34.0 26.2 39.2

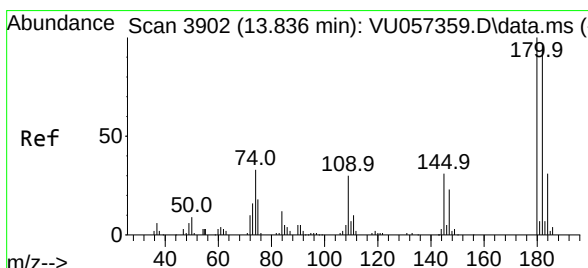
Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

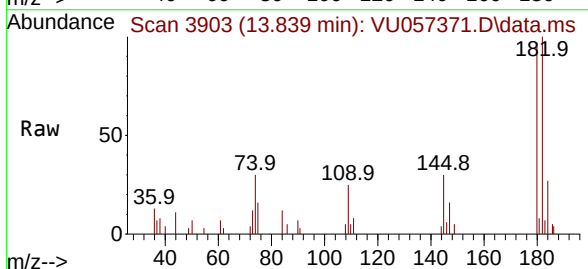


01/01/2024
 Supervised By :Mahesh
 Dadoda

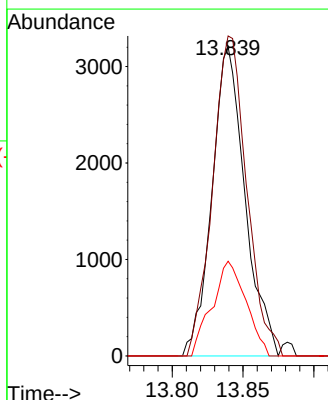
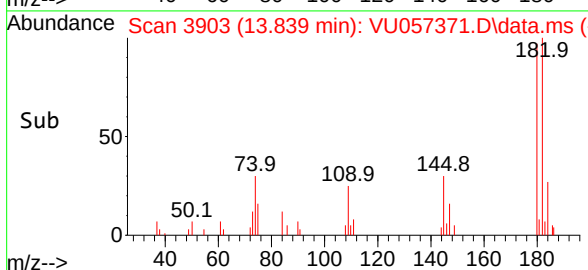
01/01/2024

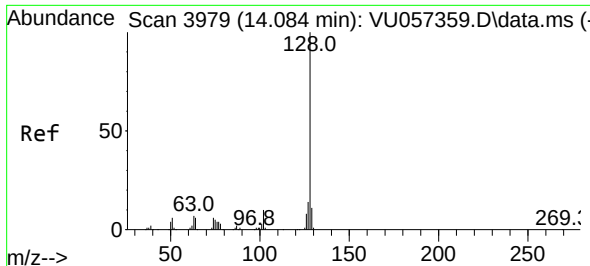


#70
 1,2,4-trichlorobenzene
 Concen: 0.516 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.003 min
 Lab File: VU057371.D
 Acq: 29 Dec 2023 15:08



Tgt Ion:180 Resp: 5209
 Ion Ratio Lower Upper
 180 100
 182 106.6 76.2 114.4
 145 31.4 26.7 40.1





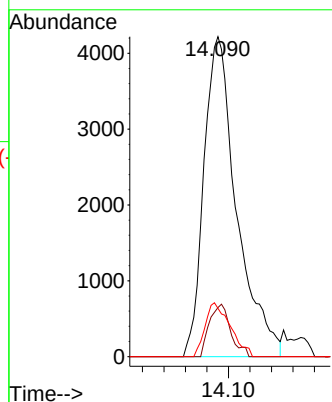
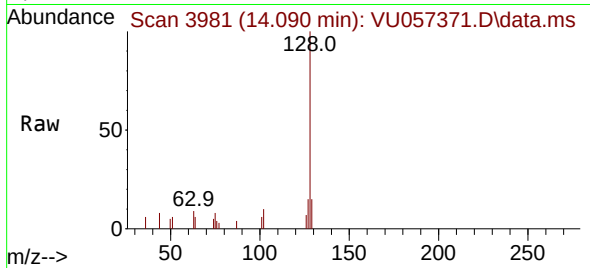
#71
Naphthalene
Concen: 0.564 ug/L
RT: 14.090 min Scan# 3979
Delta R.T. 0.006 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

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

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.9	9.8	14.6

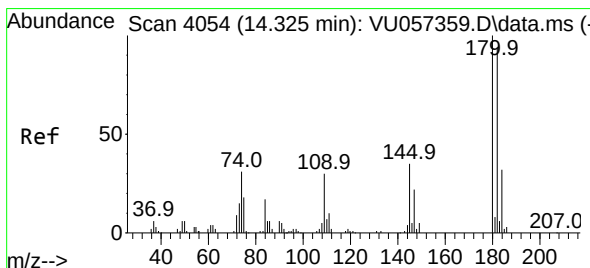
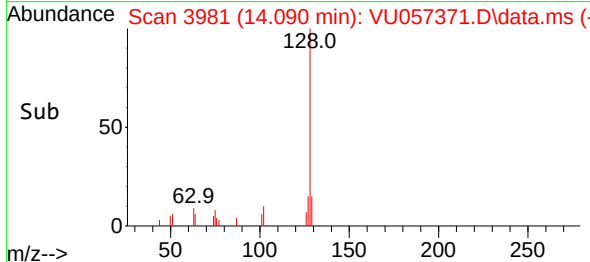
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



01/01/2024
Supervised By :Mahesh
Dadoda

01/01/2024



#72
1,2,3-Trichlorobenzene
Concen: 0.568 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU057371.D
Acq: 29 Dec 2023 15:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	75.8	113.8
145	35.3	28.0	42.0

