

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058885.D
 Acq On : 14 May 2024 14:32
 Operator : MD/SY
 Sample : P2409-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2024-03

Quant Time: May 15 01:18:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	163351	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75019	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.596	65	45589	4.607	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.911	69	44226	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.563	65	18661	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.628	46	133931	52.061	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.120%
24) Chloroform-d	5.055	84	98744	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.695	65	51949	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.721	84	190709	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.682	67	63553	5.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.891	98	156950	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.177	79	21104	4.912	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.627	63	103144	50.022	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	54233	5.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	60969	5.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.380	85	2519	0.211	ug/L #	87
3) Chloromethane	1.518	50	3694	0.265	ug/L	94
5) Vinyl chloride	1.602	62	3366	0.226	ug/L #	10
6) Bromomethane	1.856	94	1924	0.207	ug/L	96
8) Chloroethane	1.933	64	1995	0.211	ug/L	98
9) Trichlorofluoromethane	2.136	101	4240	0.222	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2688	0.232	ug/L #	86
12) 1,1-Dichloroethene	2.573	96	2482	0.244	ug/L #	1
14) Carbon disulfide	2.788	76	7053	0.219	ug/L	98
15) Methyl Acetate	2.946	43	1217m	0.275	ug/L	
16) Methylene chloride	3.039	84	6089	0.441	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	5024	0.190	ug/L #	90
18) trans-1,2-Dichloroethene	3.351	96	2095	0.196	ug/L	83
19) 1,1-Dichloroethane	3.866	63	4054	0.181	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	2611	0.212	ug/L	93
23) Bromochloromethane	4.972	128	955	0.175	ug/L	82
25) Chloroform	5.081	83	5615	0.240	ug/L	96
27) 1,2-Dichloroethane	5.795	62	3009	0.210	ug/L	99
30) Cyclohexane	5.386	56	3198	0.185	ug/L #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.512	117	2764	0.181	ug/L	97
33) Benzene	5.772	78	10991	0.228	ug/L	100
35) Methylcyclohexane	6.756	83	3532	0.195	ug/L	95
37) 1,2-Dichloropropane	6.779	63	2578m	0.189	ug/L	
38) Bromodichloromethane	7.100	83	3099	0.189	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	3633	0.195	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	13599	1.926	ug/L #	86
42) Toluene	7.965	91	10212	0.203	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	3229m	0.213	ug/L	
45) 1,1,2-Trichloroethane	8.399	97	2087	0.217	ug/L #	80
49) Dibromochloromethane	8.804	129	1961	0.194	ug/L	82
50) 1,2-Dibromoethane	8.923	107	1768	0.208	ug/L #	81
51) Chlorobenzene	9.444	112	8771	0.274	ug/L	90
52) Ethylbenzene	9.566	91	10249	0.189	ug/L	89
53) m,p-Xylene	9.689	106	3717	0.187	ug/L	95
54) o-Xylene	10.097	106	3295	0.170	ug/L	92
55) Styrene	10.119	104	2778	0.085	ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.775	83	2591	0.213	ug/L	95
59) Bromoform	10.290	173	1182	0.216	ug/L #	85
60) Isopropylbenzene	10.479	105	8775	0.183	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	1728	0.224	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	6409	0.167	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	6775	0.178	ug/L	93
64) 1,3-Dichlorobenzene	11.746	146	4804	0.206	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	6221	0.267	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	5647	0.259	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.994	75	309	0.199	ug/L #	62
69) 1,3,5-Trichlorobenzene	13.219	180	3536	0.202	ug/L	93
70) 1,2,4-trichlorobenzene	13.843	180	3421	0.237	ug/L	96
71) Naphthalene	14.093	128	4580	0.210	ug/L #	88
72) 1,2,3-Trichlorobenzene	14.328	180	2804	0.221	ug/L	93

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

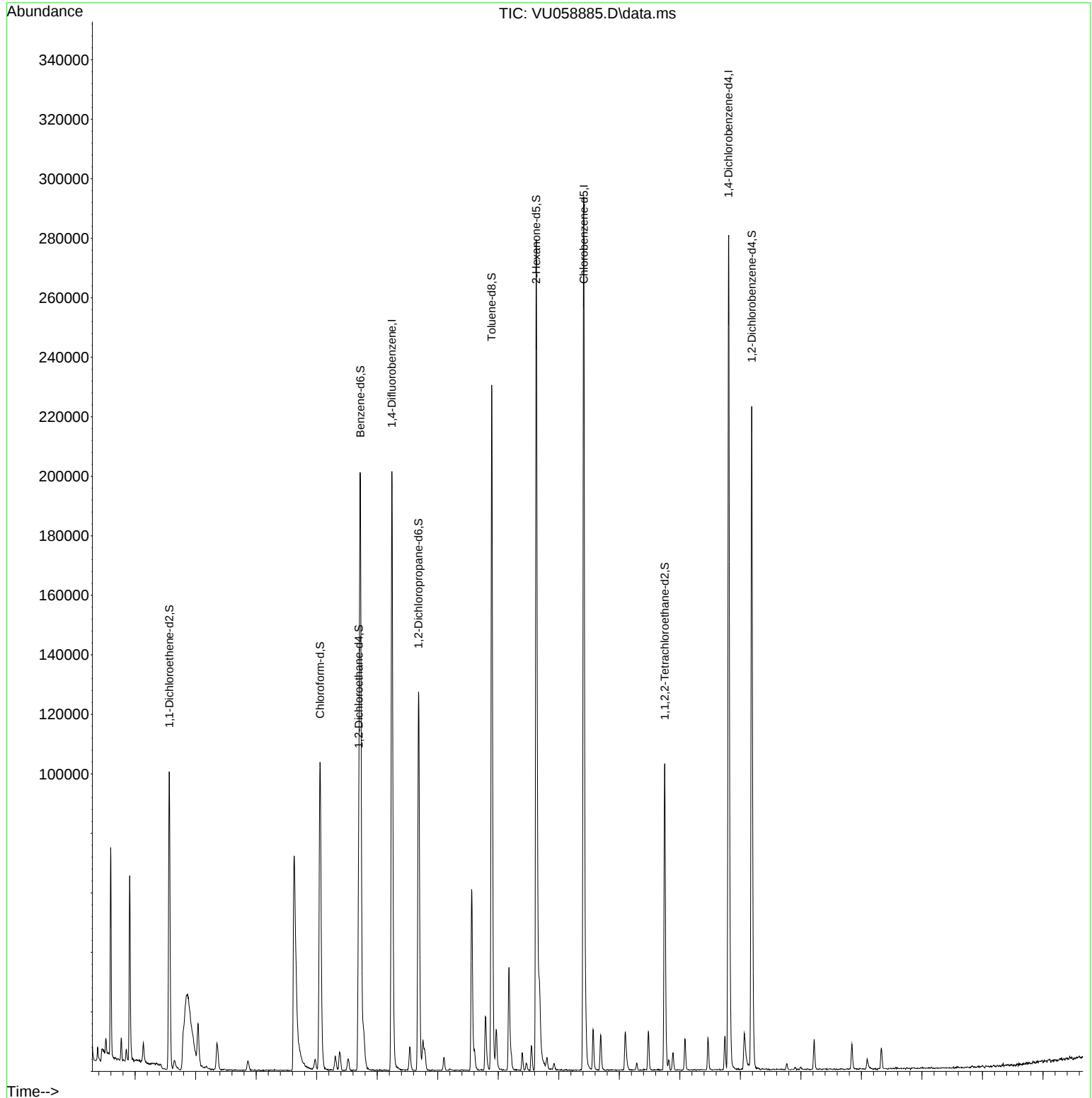
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
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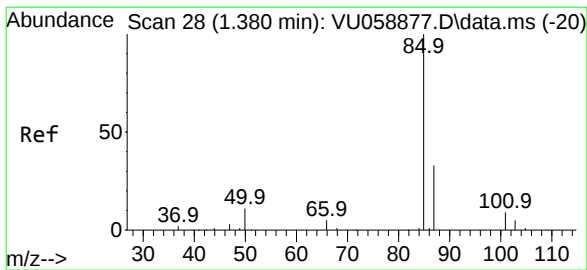
Instrument :
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ClientSampleId :
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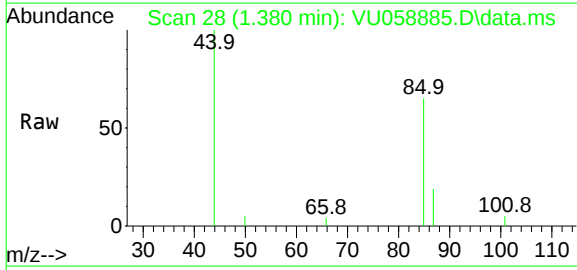
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024





#2
Dichlorodifluoromethane
Concen: 0.211 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

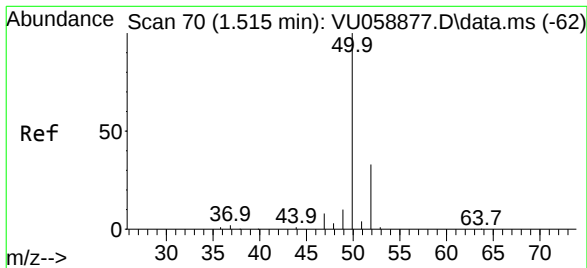
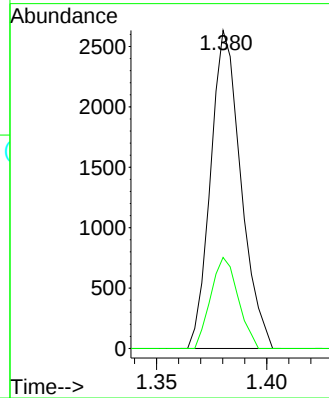
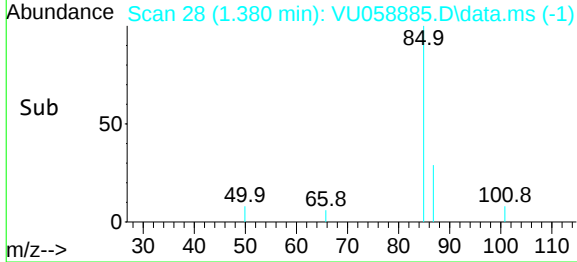
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-03



Tgt Ion: 85 Resp: 2519
Ion Ratio Lower Upper
85 100
87 25.8 26.6 40.0#

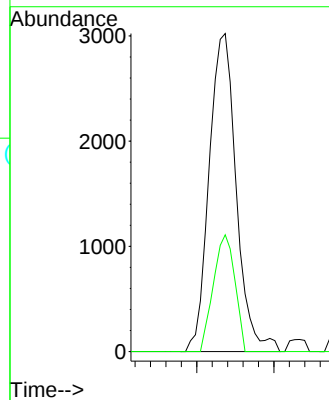
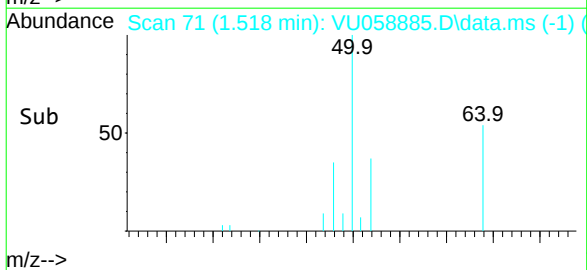
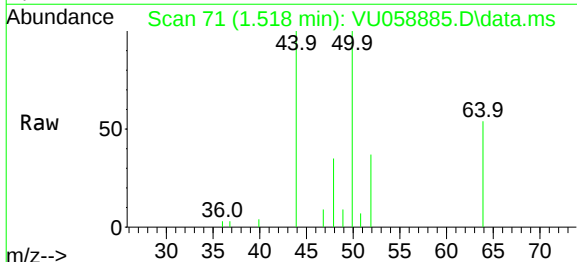
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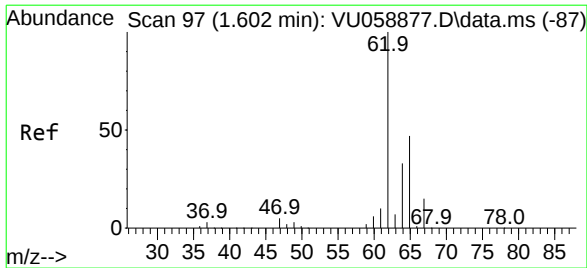
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#3
Chloromethane
Concen: 0.265 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion: 50 Resp: 3694
Ion Ratio Lower Upper
50 100
52 36.7 23.2 43.0





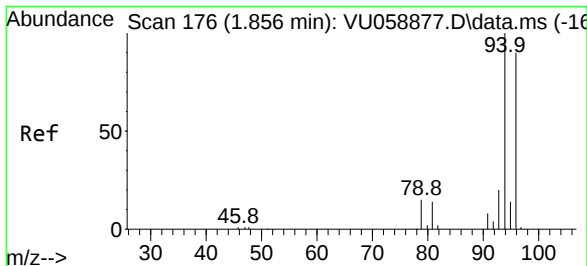
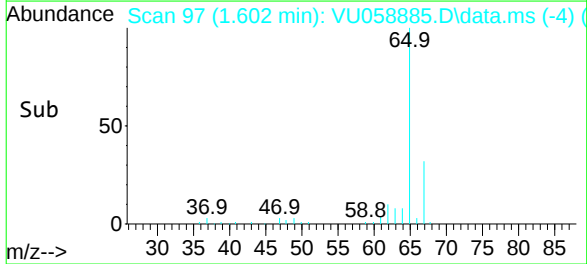
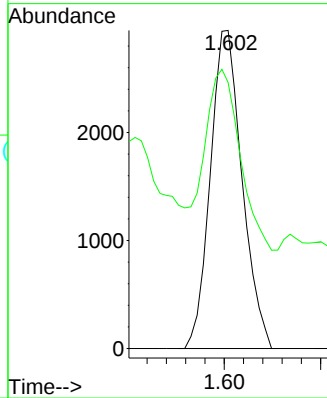
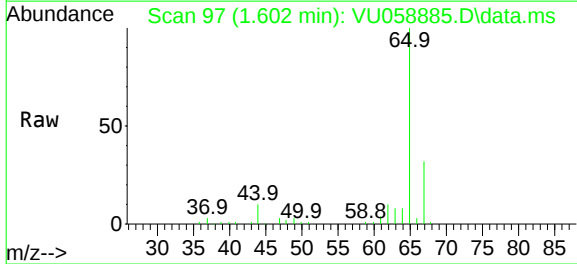
Vinyl chloride
Concen: 0.226 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2024-03

Tgt Ion: 62 Resp: 3366
Ion Ratio Lower Upper
62 100
64 83.6 23.1 42.9#

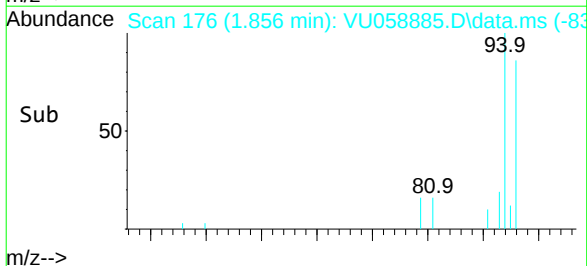
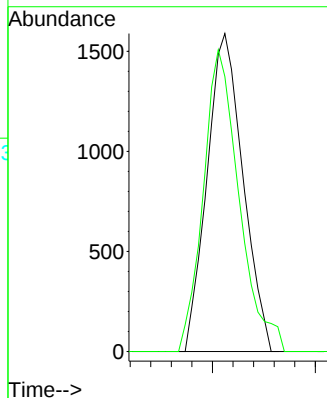
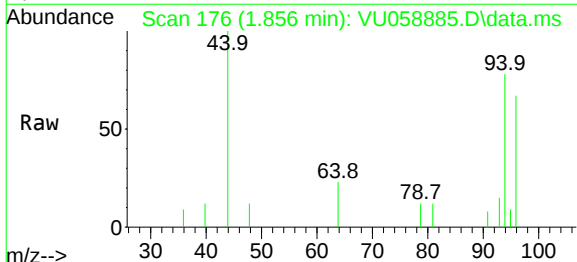
Manual Integrations
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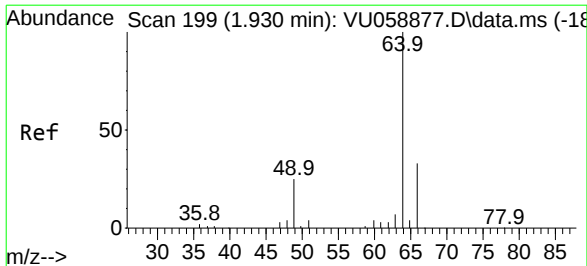
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



Bromomethane
Concen: 0.207 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

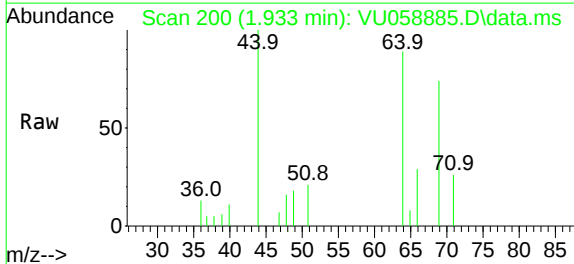
Tgt Ion: 94 Resp: 1924
Ion Ratio Lower Upper
94 100
96 86.5 62.9 116.9





#8
Chloroethane
Concen: 0.211 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

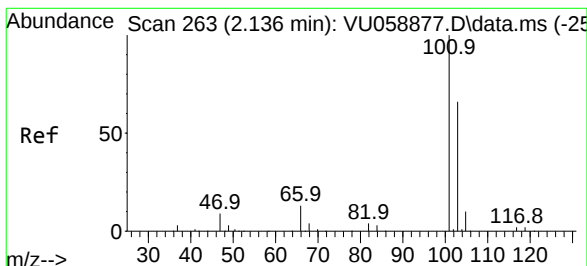
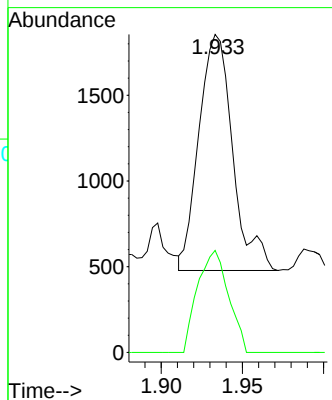
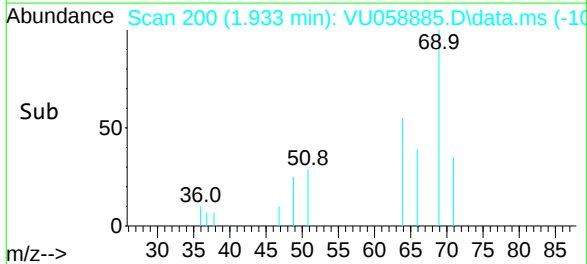
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2024-03



Tgt Ion: 64 Resp: 1995
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2

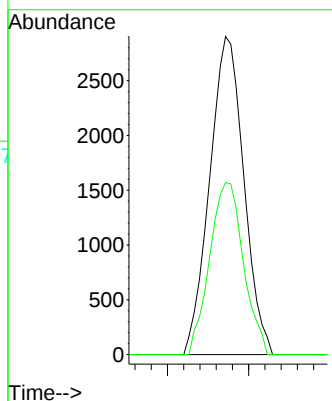
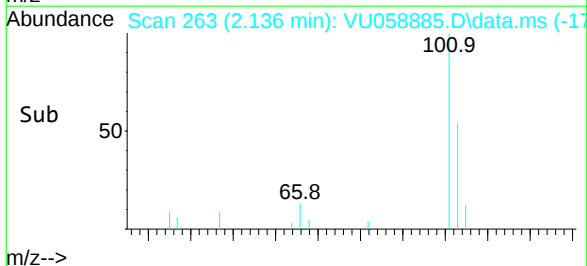
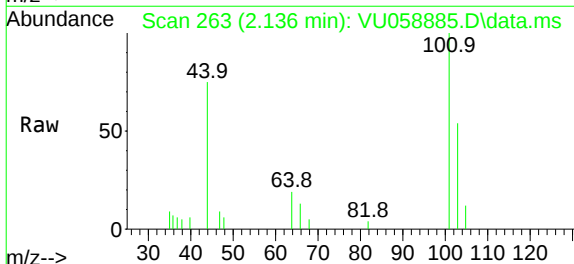
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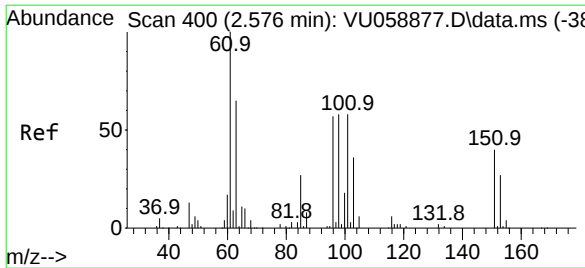
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#9
Trichlorofluoromethane
Concen: 0.222 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion:101 Resp: 4240
Ion Ratio Lower Upper
101 100
103 53.4 52.6 79.0





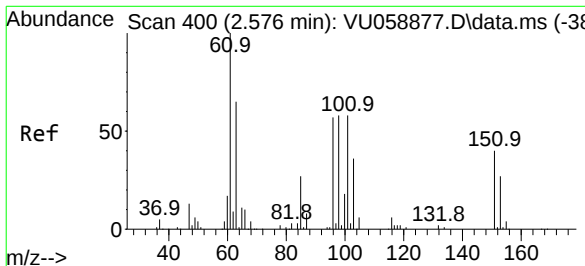
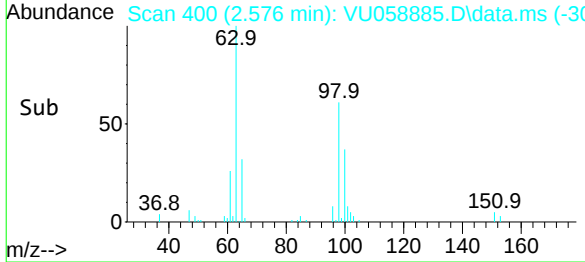
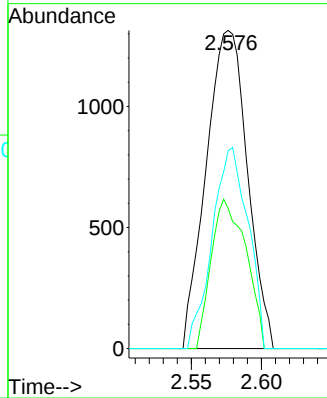
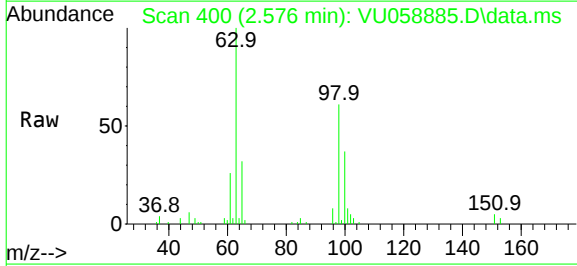
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.232 ug/L
RT: 2.576 min Scan# 40
Delta R.T. 0.000 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 101 Resp: 2688
Ion Ratio Lower Upper
101 100
85 39.6 36.2 54.4
151 54.9 55.5 83.3#

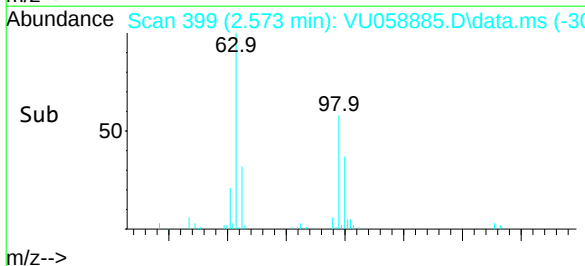
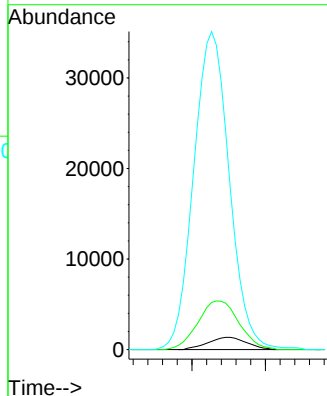
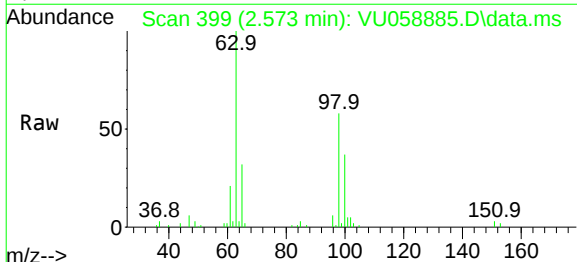
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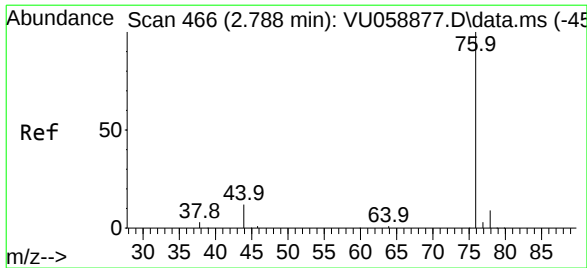
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#12
1,1-Dichloroethene
Concen: 0.244 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion: 96 Resp: 2482
Ion Ratio Lower Upper
96 100
61 378.0 122.9 228.3#
63 1765.6 80.4 149.4#





#14

Carbon disulfide

Concen: 0.219 ug/L

RT: 2.788 min Scan# 46

Delta R.T. 0.000 min

Lab File: VU058885.D

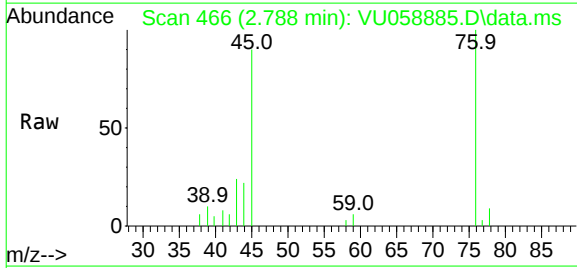
Acq: 14 May 2024 14:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2024-03



Tgt Ion: 76 Resp: 7053

Ion Ratio Lower Upper

76 100

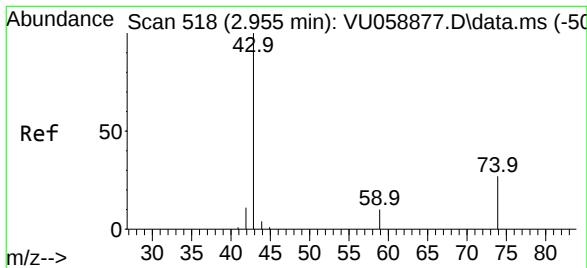
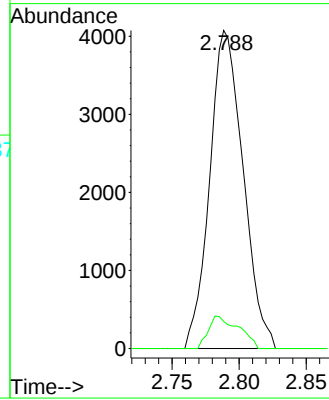
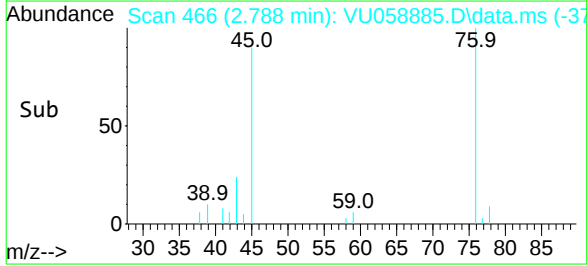
78 8.5 7.3 10.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/15/2024



#15

Methyl Acetate

Concen: 0.275 ug/L m

RT: 2.946 min Scan# 515

Delta R.T. -0.009 min

Lab File: VU058885.D

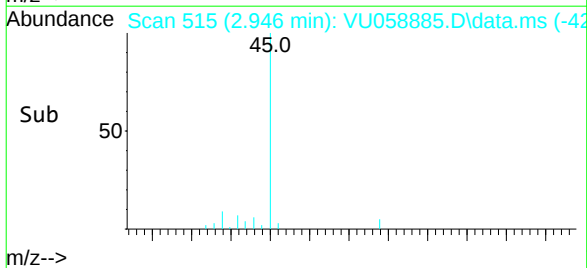
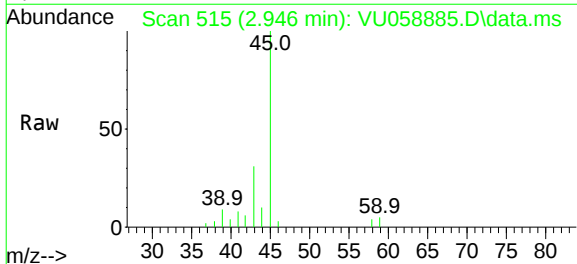
Acq: 14 May 2024 14:32

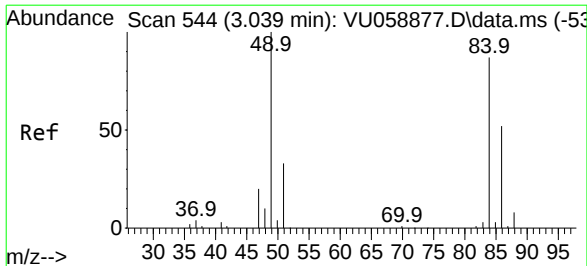
Tgt Ion: 43 Resp: 1217

Ion Ratio Lower Upper

43 100

74 12.2 19.2 28.8#





#16

Methylene chloride

Concen: 0.441 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU058885.D

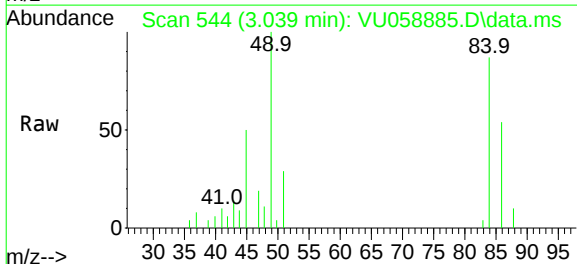
Acq: 14 May 2024 14:32

Instrument :

MSVOA_U

ClientSampleId :

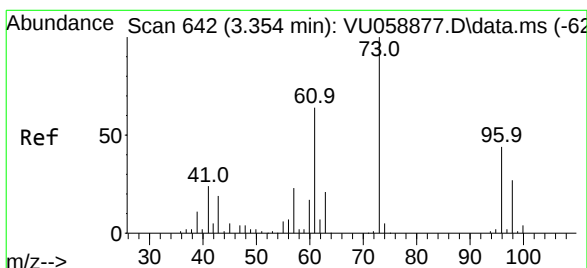
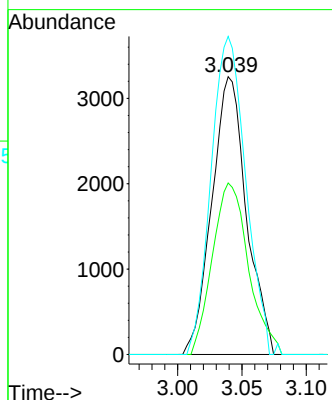
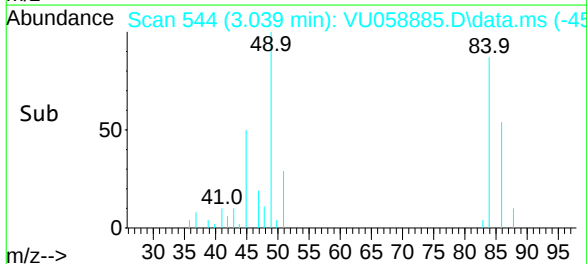
MDL-WATER-QT2-2024-03



Tgt Ion:	84	Resp:	6089
Ion	Ratio	Lower	Upper
84	100		
86	61.7	42.1	78.1
49	119.6	80.6	149.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#17

Methyl tert-butyl Ether

Concen: 0.190 ug/L

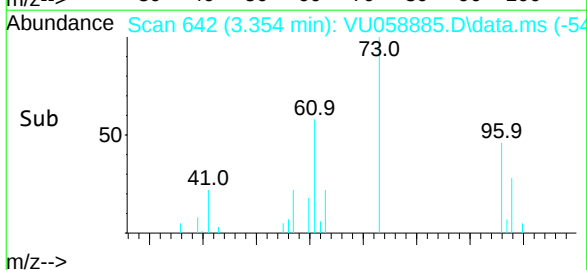
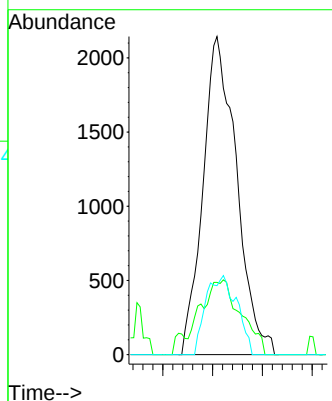
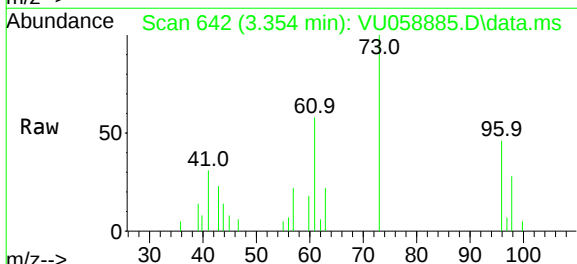
RT: 3.354 min Scan# 642

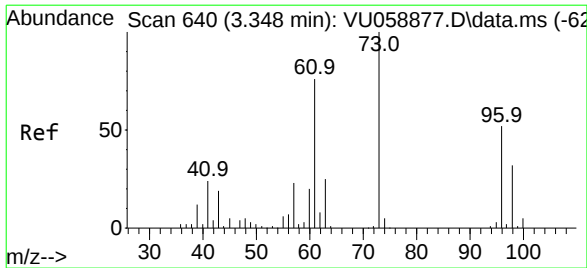
Delta R.T. 0.000 min

Lab File: VU058885.D

Acq: 14 May 2024 14:32

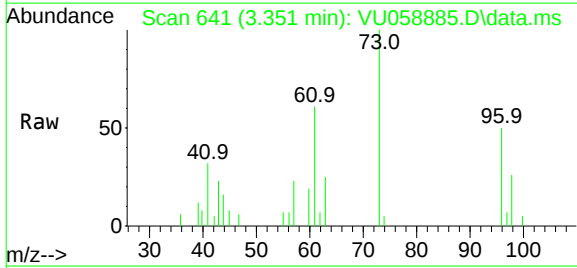
Tgt Ion:	73	Resp:	5024
Ion	Ratio	Lower	Upper
73	100		
43	27.6	14.9	22.3
57	22.9	18.0	27.0





#18
trans-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

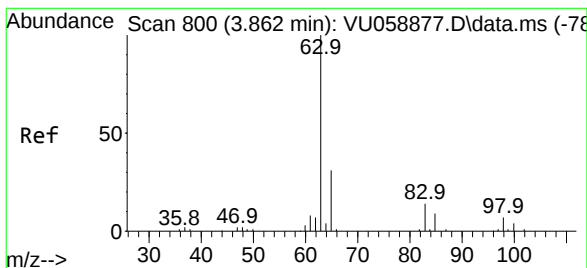
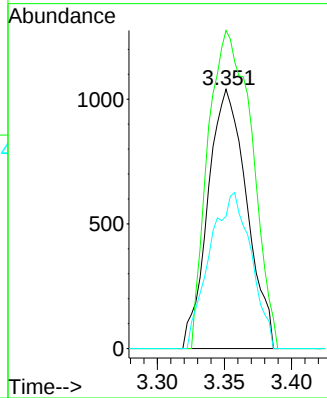
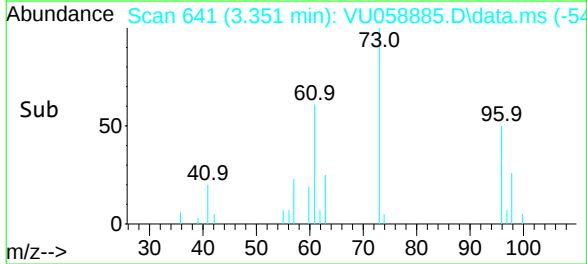
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-03



Tgt Ion: 96 Resp: 2095
Ion Ratio Lower Upper
96 100
61 122.7 101.8 189.0
98 51.1 43.3 80.5

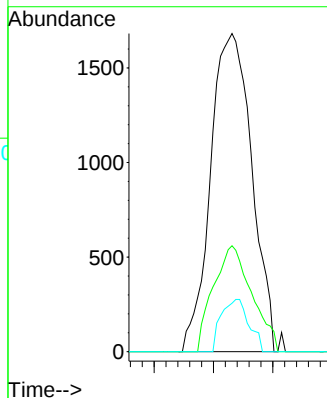
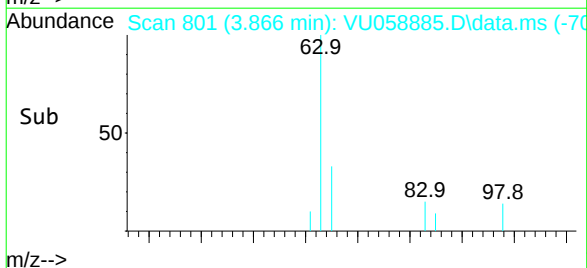
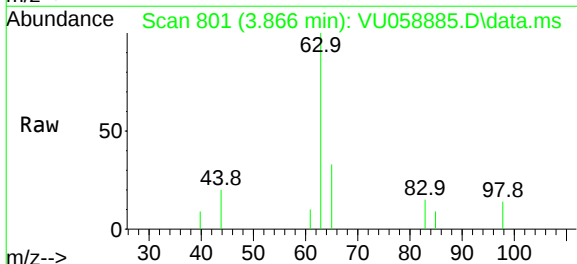
Manual Integrations
APPROVED

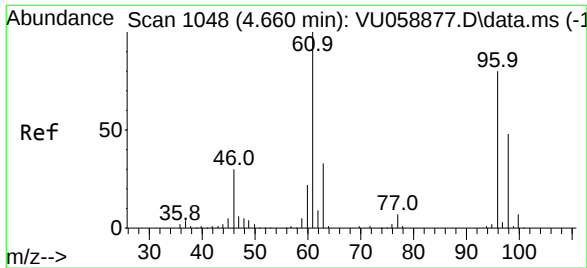
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#19
1,1-Dichloroethane
Concen: 0.181 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

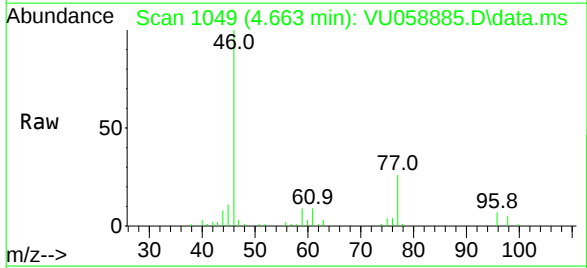
Tgt Ion: 63 Resp: 4054
Ion Ratio Lower Upper
63 100
65 33.3 21.8 40.6
83 15.2 9.9 18.5





#22
cis-1,2-Dichloroethene
Concen: 0.212 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

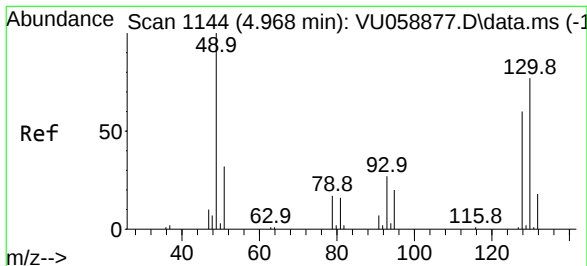
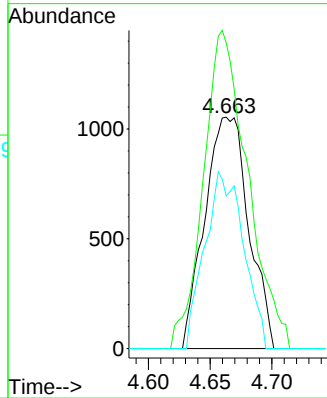
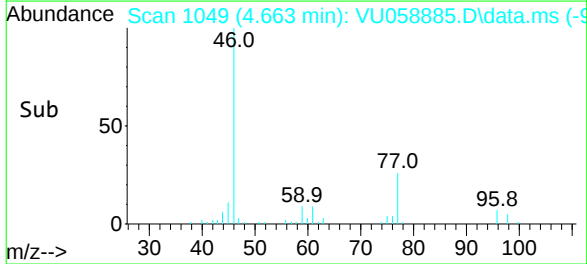
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-03



Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.2	87.4	162.2
98	65.9	42.3	78.5

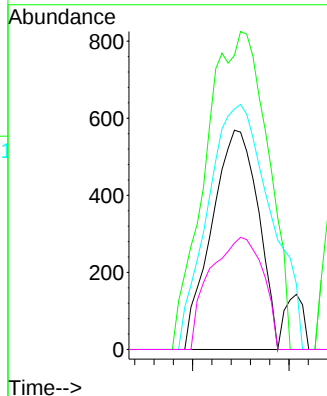
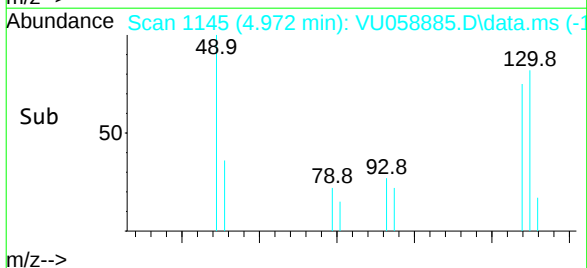
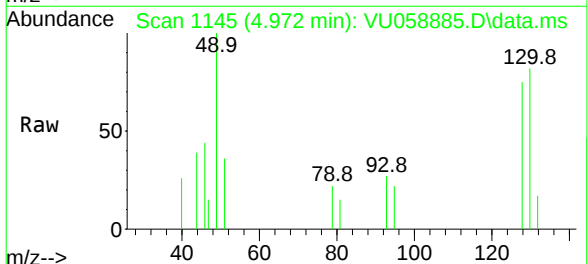
Manual Integrations
APPROVED

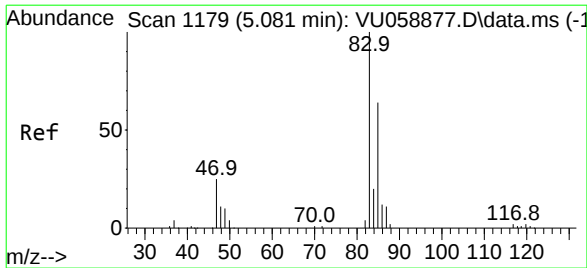
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#23
Bromochloromethane
Concen: 0.175 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion	Ratio	Lower	Upper
128	100		
49	134.1	117.0	217.4
130	109.7	89.6	166.4
51	48.5	42.0	63.0





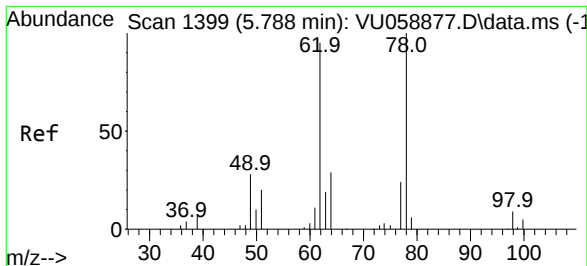
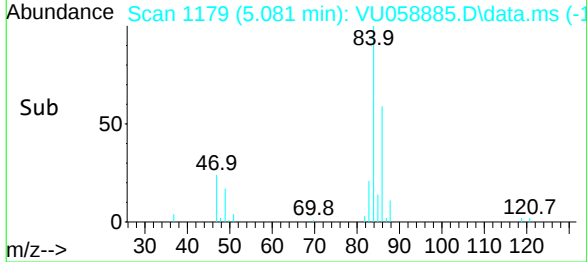
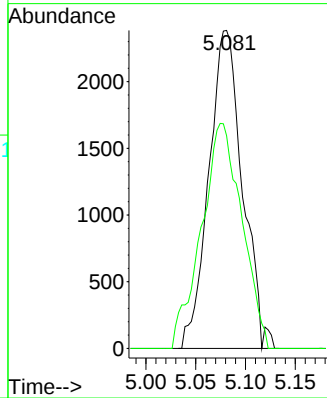
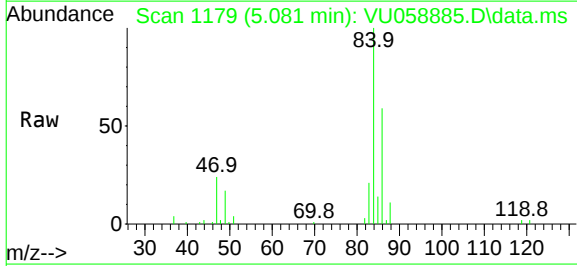
#25
Chloroform
Concen: 0.240 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-03

Tgt Ion: 83 Resp: 5615
Ion Ratio Lower Upper
83 100
85 66.9 44.7 83.1

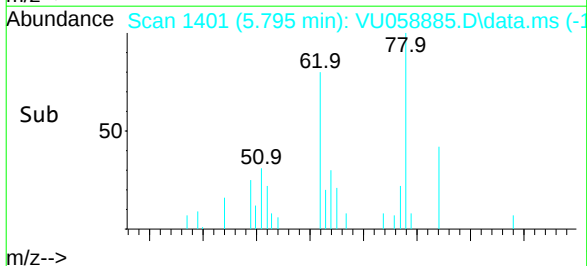
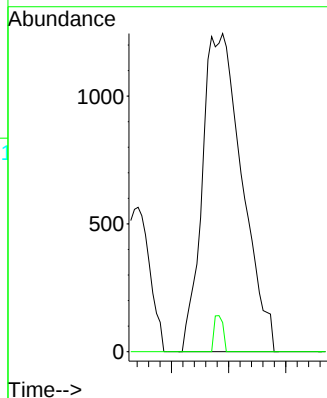
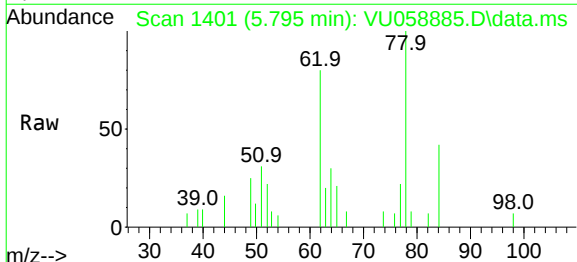
Manual Integrations
APPROVED

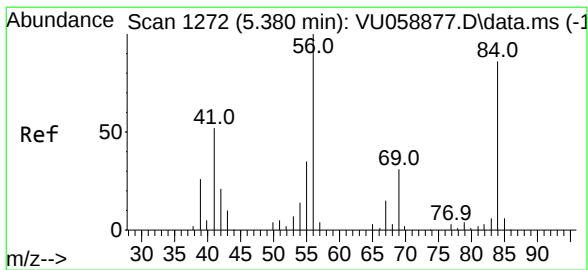
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#27
1,2-Dichloroethane
Concen: 0.210 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.007 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

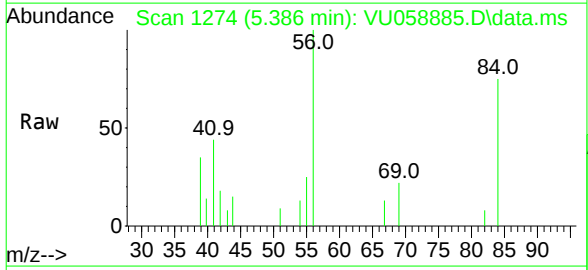
Tgt Ion: 62 Resp: 3009
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3





#30
Cyclohexane
Concen: 0.185 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.007 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

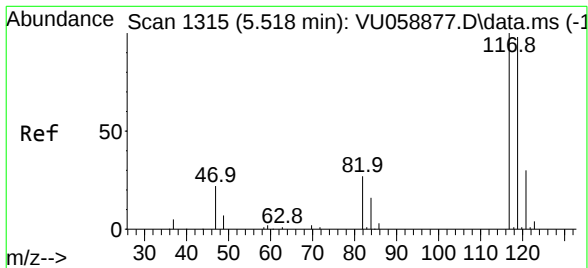
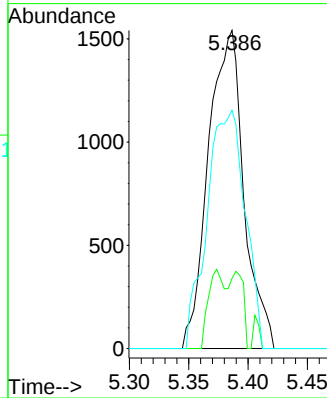
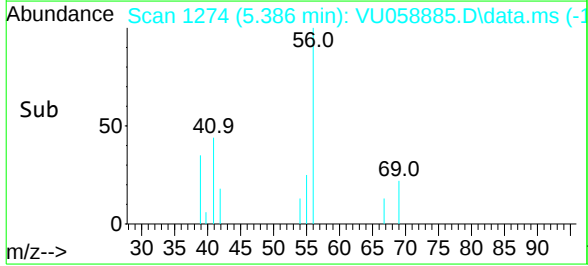
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2024-03



Tgt Ion: 56 Resp: 3198
Ion Ratio Lower Upper
56 100
69 8.4 24.8 37.2
84 80.2 69.8 104.8

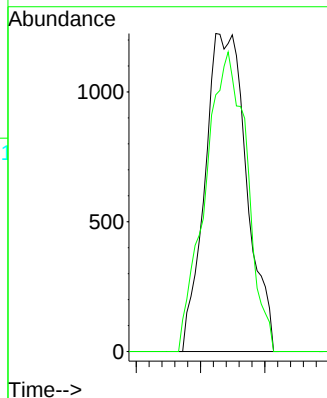
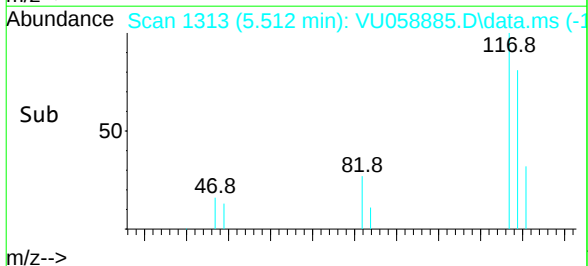
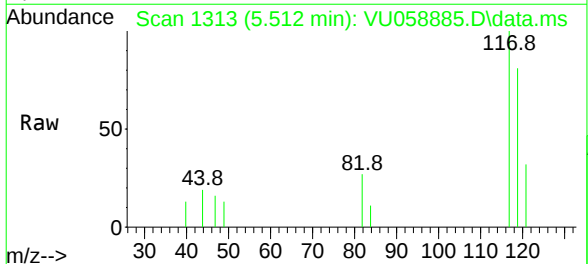
Manual Integrations
APPROVED

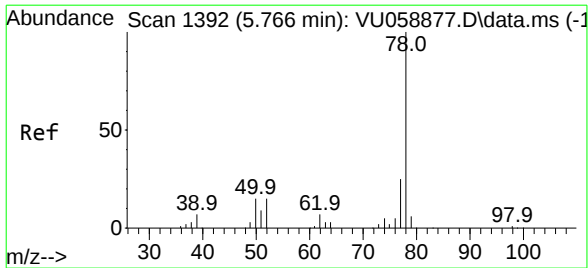
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#31
Carbon tetrachloride
Concen: 0.181 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion:117 Resp: 2764
Ion Ratio Lower Upper
117 100
119 94.1 77.5 116.3





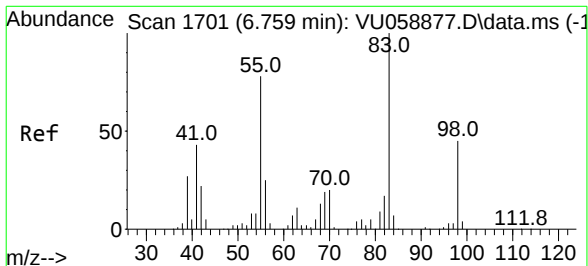
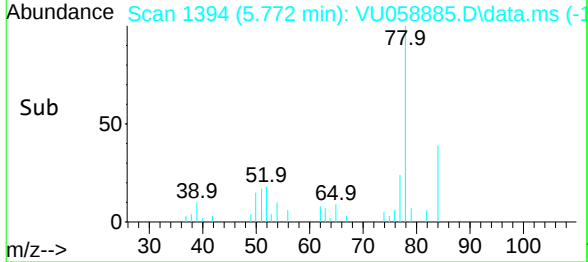
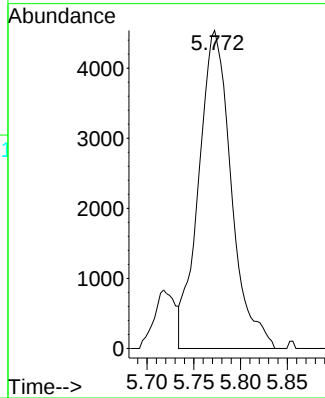
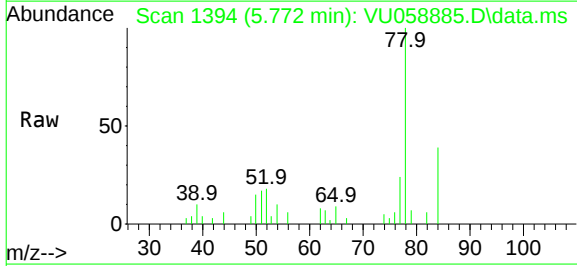
#33
Benzene
Concen: 0.228 ug/L
RT: 5.772 min Scan# 13
Delta R.T. 0.007 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-03

Tgt Ion: 78 Resp: 10991

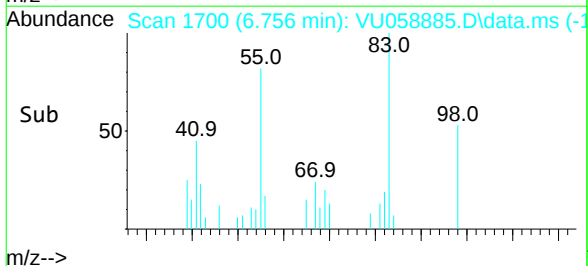
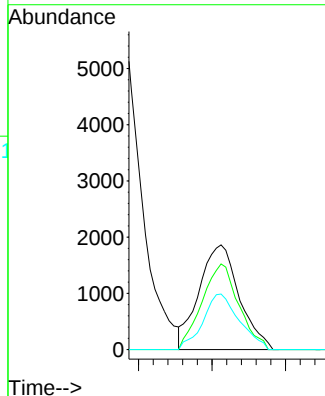
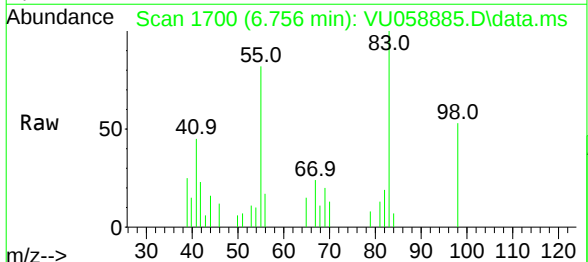
Manual Integrations
APPROVED

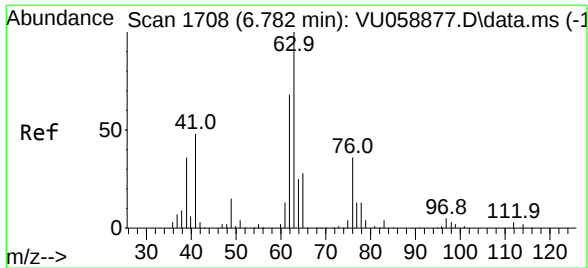
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#35
Methylcyclohexane
Concen: 0.195 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

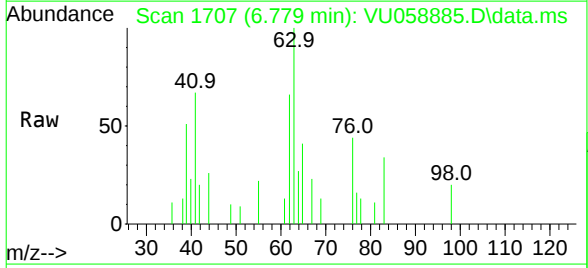
Tgt Ion: 83 Resp: 3532
Ion Ratio Lower Upper
83 100
55 74.7 62.7 94.1
98 47.9 35.4 53.0





#37
1,2-Dichloropropane
Concen: 0.189 ug/L m
RT: 6.779 min Scan# 1708
Delta R.T. -0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

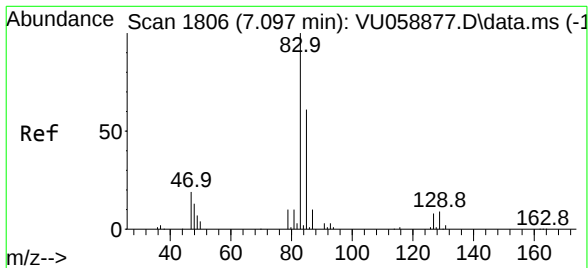
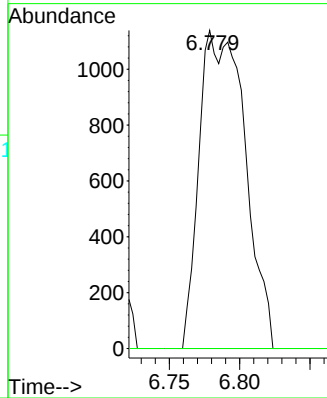
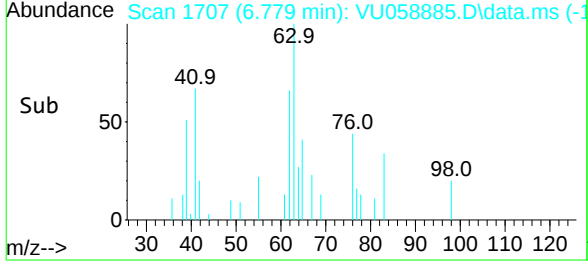
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2024-03



Tgt Ion: 63 Resp: 2578
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

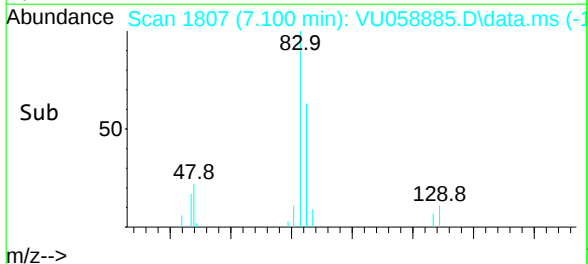
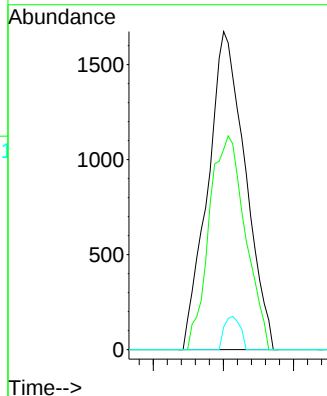
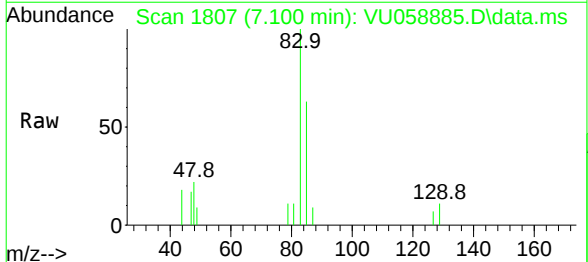
Manual Integrations
APPROVED

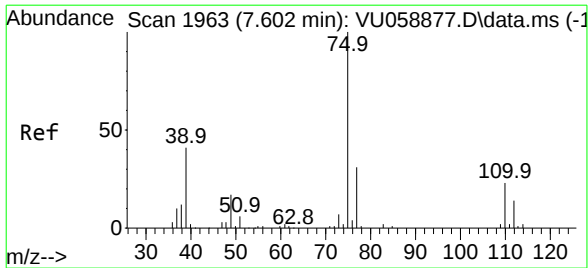
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#38
Bromodichloromethane
Concen: 0.189 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion: 83 Resp: 3099
Ion Ratio Lower Upper
83 100
85 63.0 42.7 79.3
127 7.1 6.1 9.1





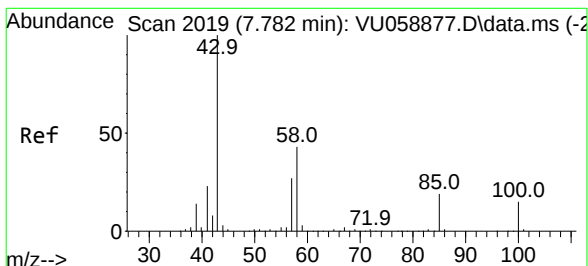
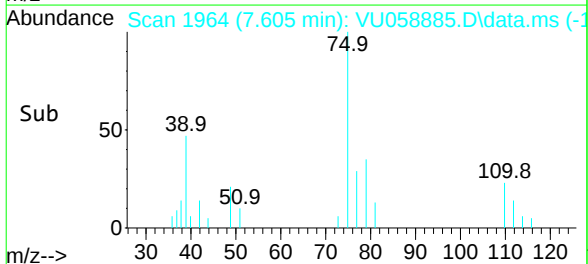
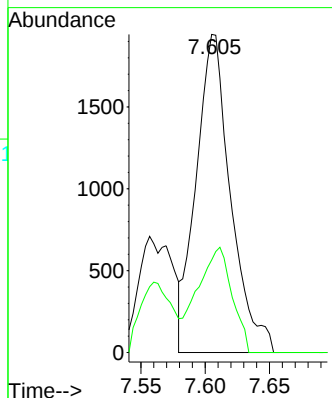
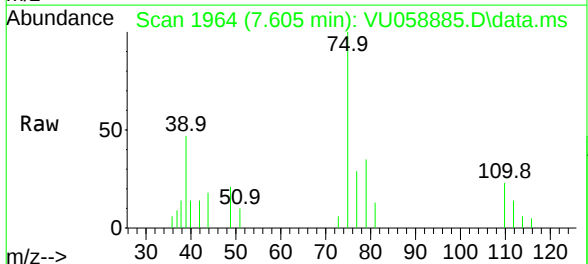
#39
 cis-1,3-Dichloropropene
 Concen: 0.195 ug/L
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU058885.D
 Acq: 14 May 2024 14:32

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT2-2024-03

Tgt Ion: 75 Resp: 3633
 Ion Ratio Lower Upper
 75 100
 77 29.1 22.0 40.8

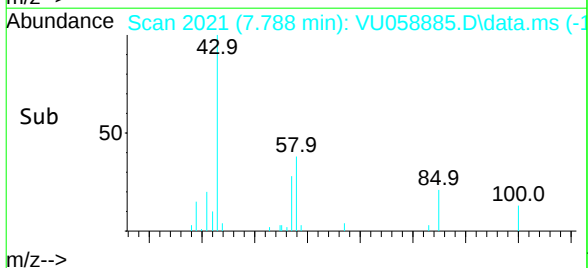
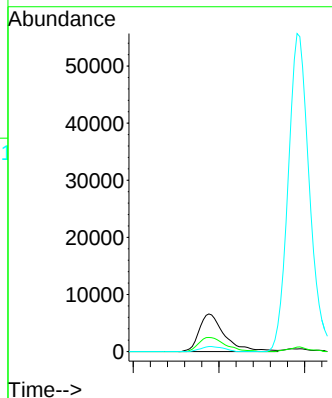
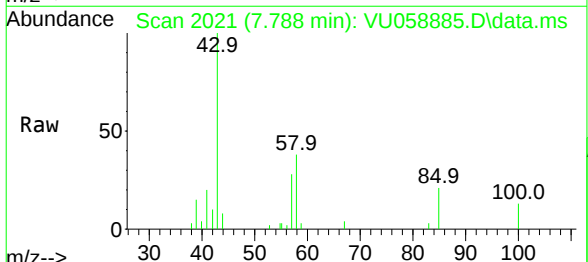
Manual Integrations
 APPROVED

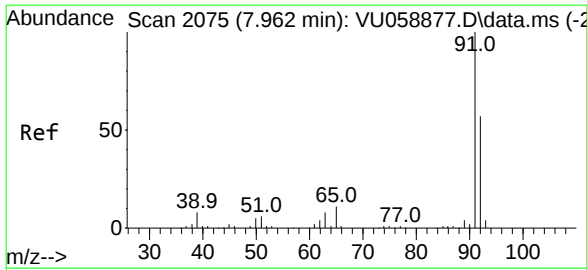
Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024



#40
 4-Methyl-2-pentanone
 Concen: 1.926 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.007 min
 Lab File: VU058885.D
 Acq: 14 May 2024 14:32

Tgt Ion: 43 Resp: 13599
 Ion Ratio Lower Upper
 43 100
 58 38.9 34.0 51.0
 100 0.0 12.1 18.1#





#42

Toluene

Concen: 0.203 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058885.D

Acq: 14 May 2024 14:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2024-03

Tgt Ion: 91 Resp: 10212

Ion Ratio Lower Upper

91 100

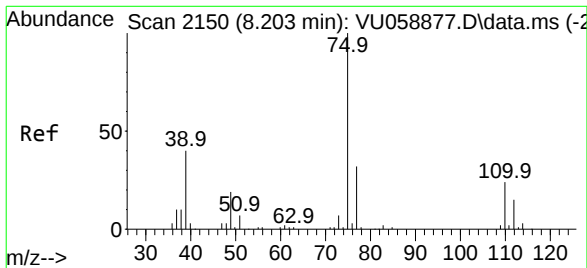
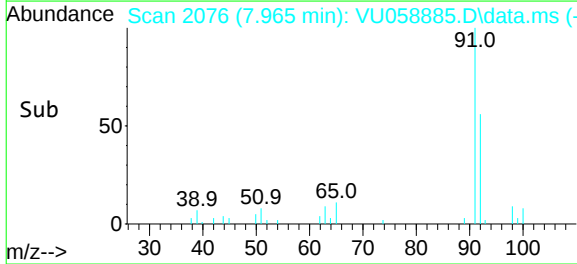
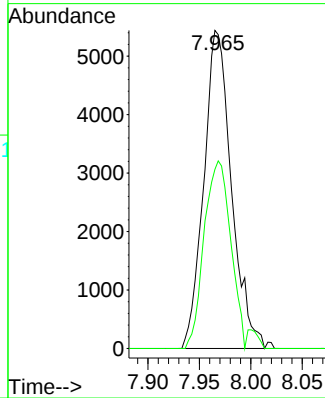
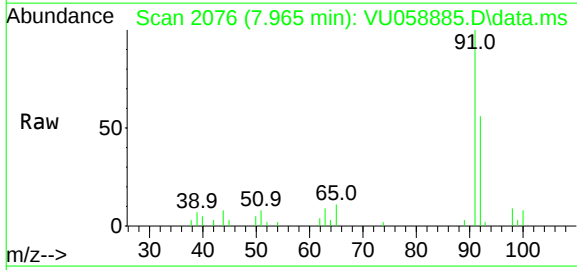
92 56.3 39.7 73.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024

Supervised By :Semsettin Yesilyurt 05/15/2024



#44

trans-1,3-Dichloropropene

Concen: 0.213 ug/L m

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058885.D

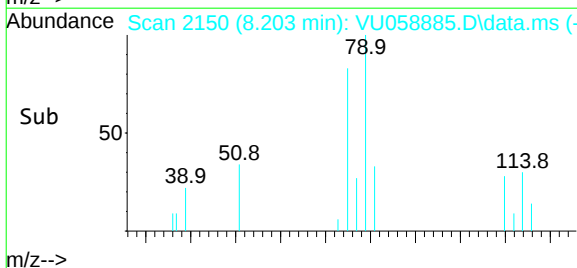
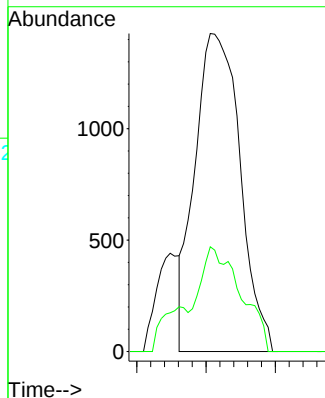
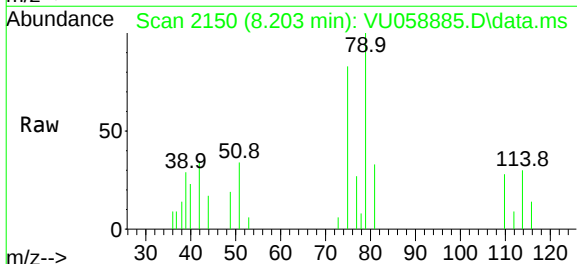
Acq: 14 May 2024 14:32

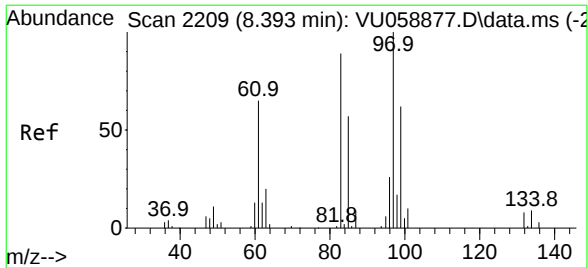
Tgt Ion: 75 Resp: 3229

Ion Ratio Lower Upper

75 100

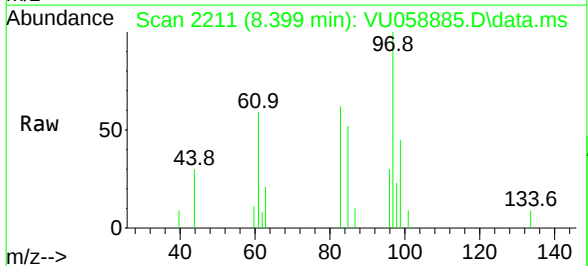
77 32.9 22.0 41.0





#45
 1,1,2-Trichloroethane
 Concen: 0.217 ug/L
 RT: 8.399 min Scan# 2209
 Delta R.T. 0.007 min
 Lab File: VU058885.D
 Acq: 14 May 2024 14:32

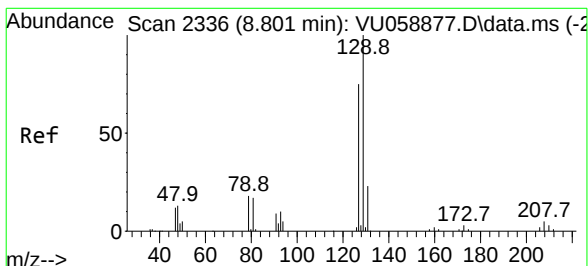
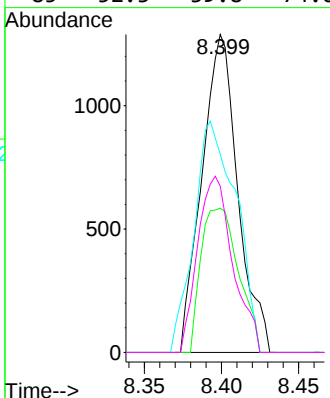
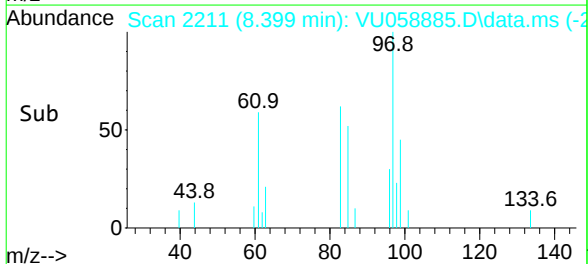
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT2-2024-03



Tgt Ion	Ratio	Lower	Upper
97	100		
99	45.4	43.3	80.3
83	62.3	62.3	115.7
85	52.3	39.8	74.0

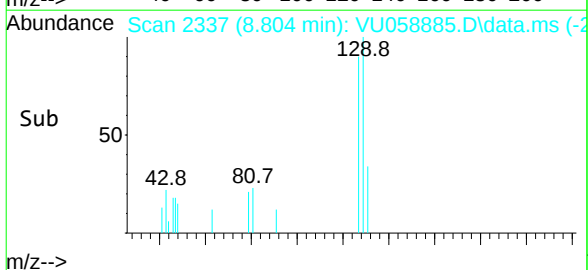
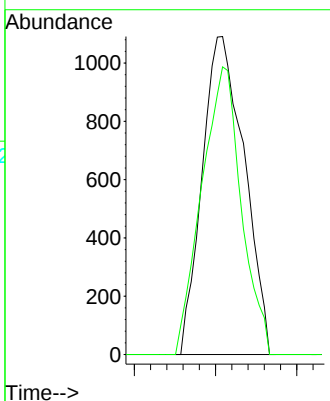
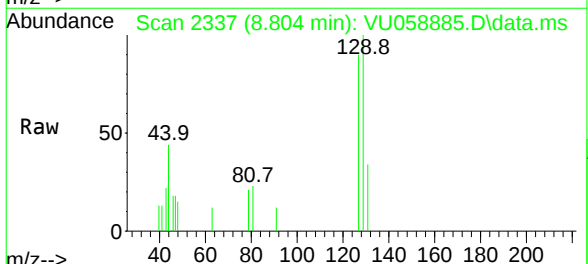
Manual Integrations
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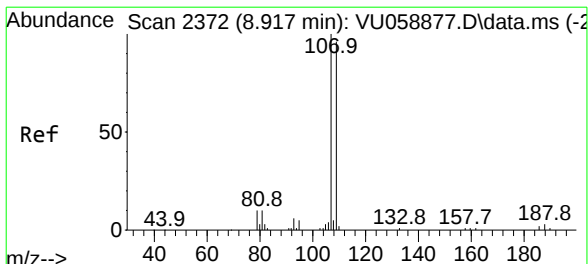
Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024



#49
 Dibromochloromethane
 Concen: 0.194 ug/L
 RT: 8.804 min Scan# 2337
 Delta R.T. 0.003 min
 Lab File: VU058885.D
 Acq: 14 May 2024 14:32

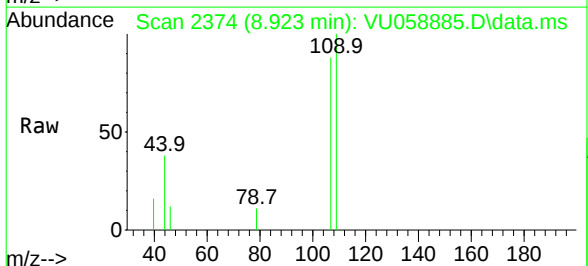
Tgt Ion	Ratio	Lower	Upper
129	100		
127	90.5	52.5	97.5





#50
1,2-Dibromoethane
Concen: 0.208 ug/L
RT: 8.923 min Scan# 2372
Delta R.T. 0.007 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

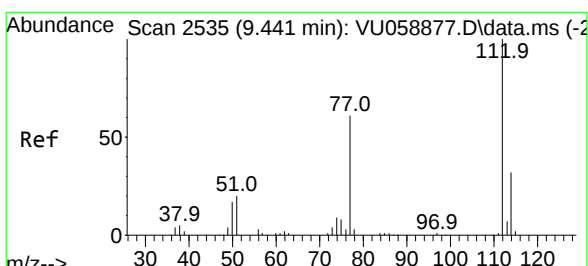
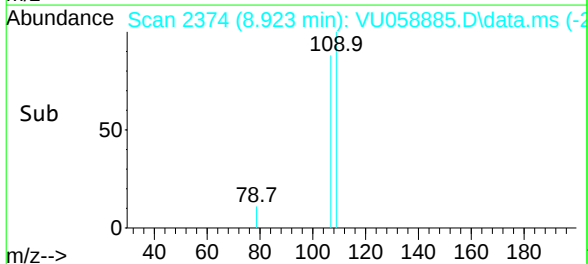
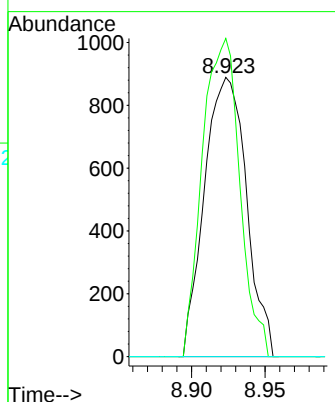
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2024-03



Tgt Ion	Ratio	Lower	Upper
107	100		
109	113.9	66.9	124.3
188	0.0	2.7	4.1#

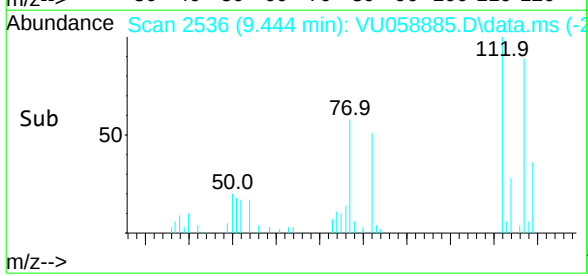
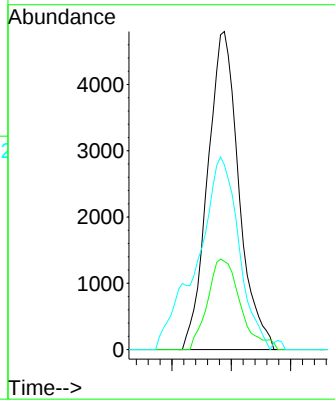
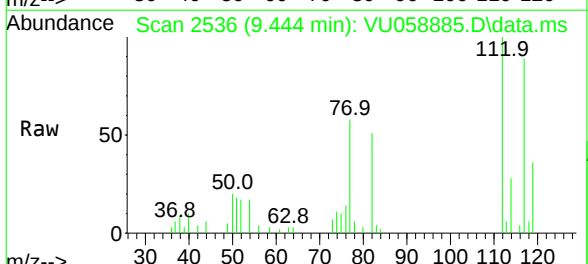
Manual Integrations
APPROVED

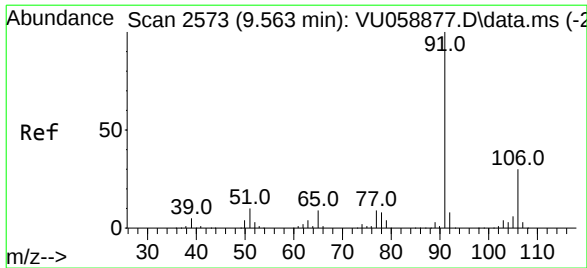
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#51
Chlorobenzene
Concen: 0.274 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion	Ratio	Lower	Upper
112	100		
114	26.0	22.4	41.6
77	54.5	49.1	73.7





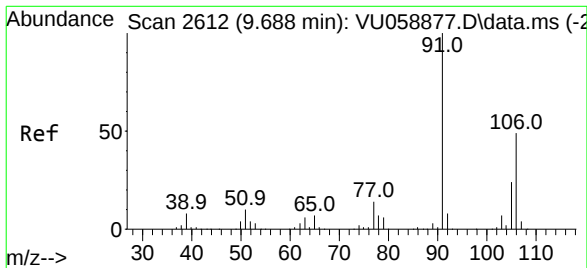
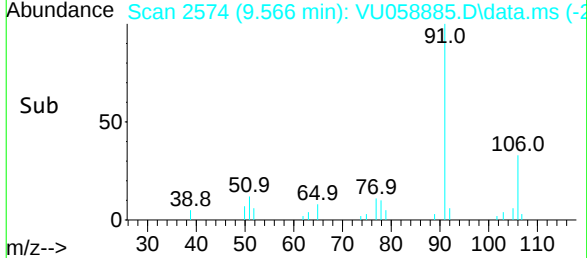
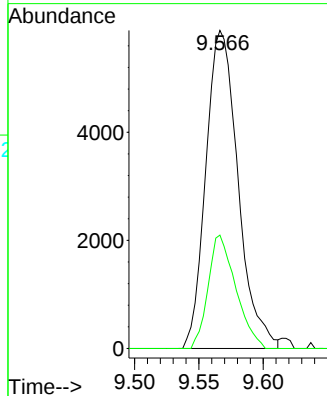
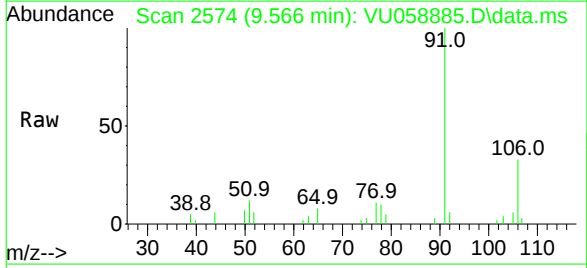
#52
Ethylbenzene
Concen: 0.189 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-03

Tgt Ion: 91 Resp: 10249
Ion Ratio Lower Upper
91 100
106 35.6 20.9 38.7

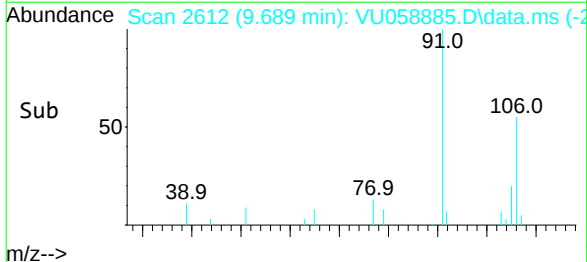
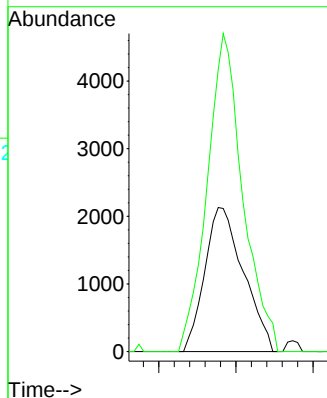
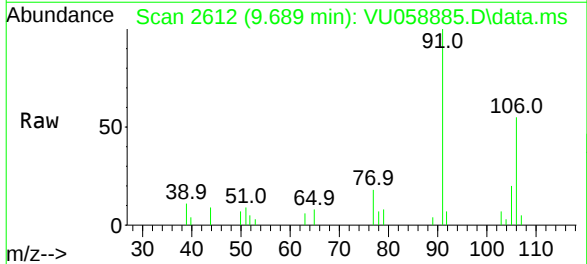
Manual Integrations
APPROVED

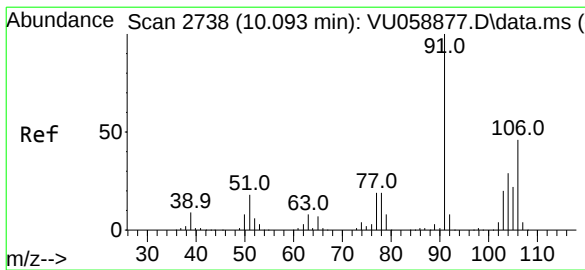
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#53
m,p-Xylene
Concen: 0.187 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion:106 Resp: 3717
Ion Ratio Lower Upper
106 100
91 195.8 142.0 263.8





#54

o-Xylene

Concen: 0.170 ug/L

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU058885.D

Acq: 14 May 2024 14:32

Instrument :

MSVOA_U

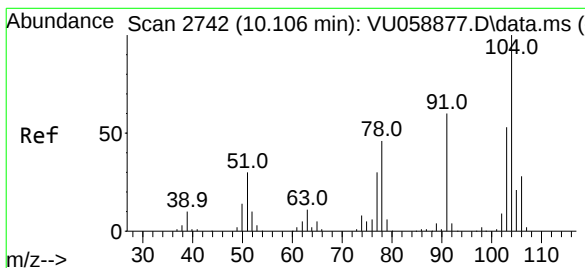
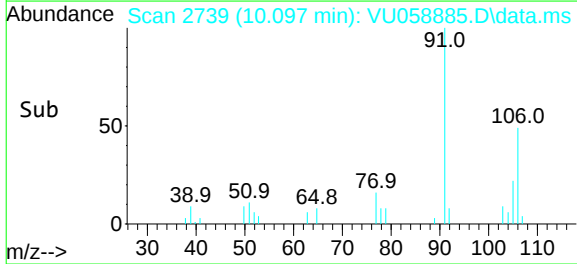
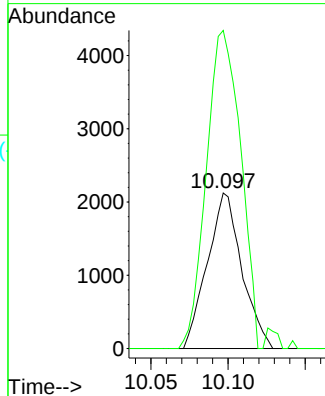
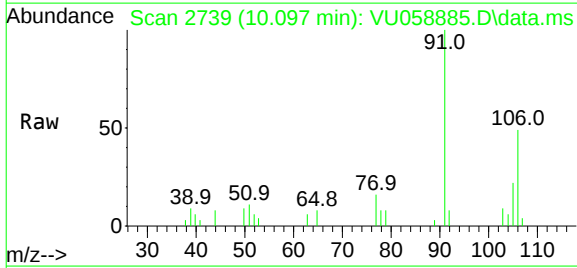
ClientSampleId :

MDL-WATER-QT2-2024-03

Tgt Ion:106 Resp: 3295
 Ion Ratio Lower Upper
 106 100
 91 204.6 151.6 281.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024



#55

Styrene

Concen: 0.085 ug/L

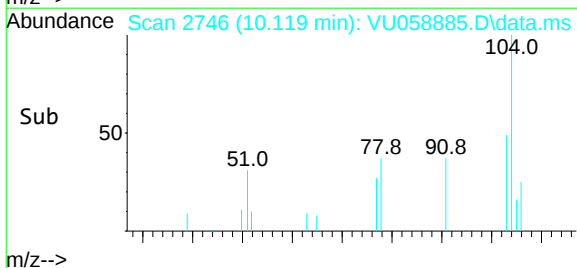
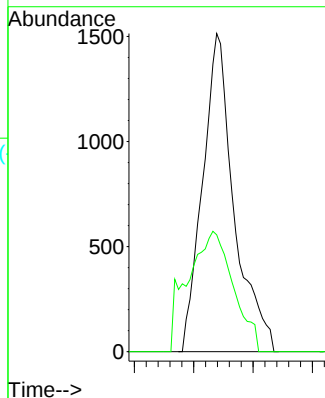
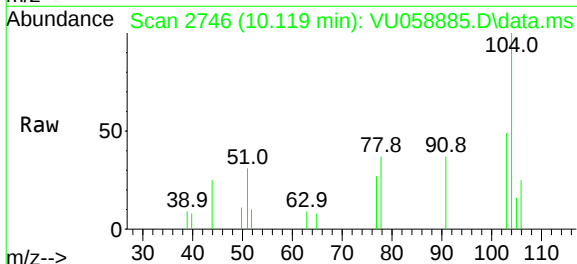
RT: 10.119 min Scan# 2746

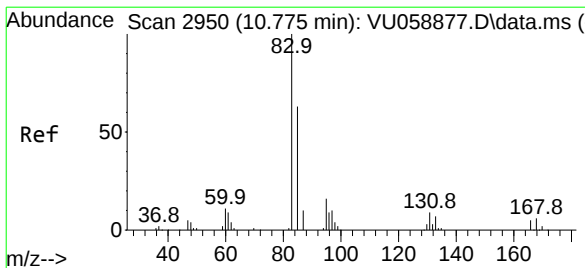
Delta R.T. 0.013 min

Lab File: VU058885.D

Acq: 14 May 2024 14:32

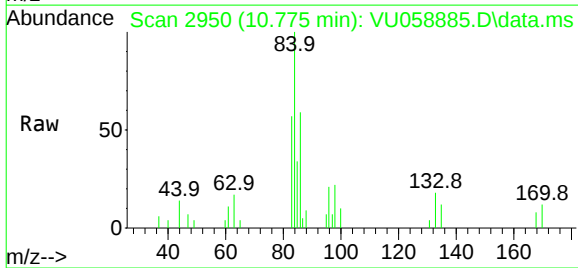
Tgt Ion:104 Resp: 2778
 Ion Ratio Lower Upper
 104 100
 78 36.7 32.3 60.1





#57
1,1,2,2-Tetrachloroethane
Concen: 0.213 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

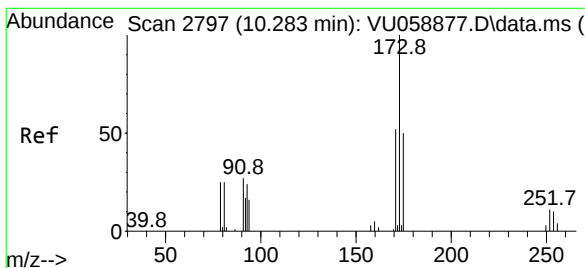
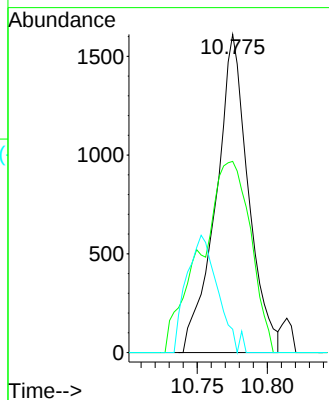
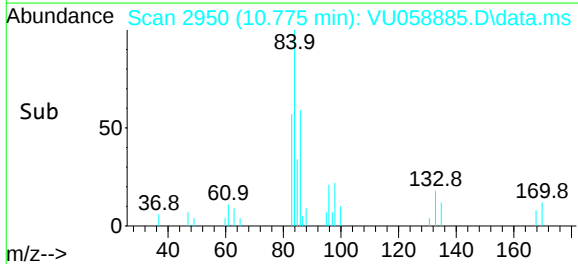
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2024-03



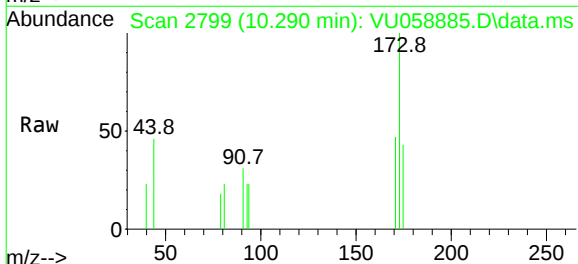
Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.1	44.7	82.9
131	7.3	6.9	10.3

Manual Integrations
APPROVED

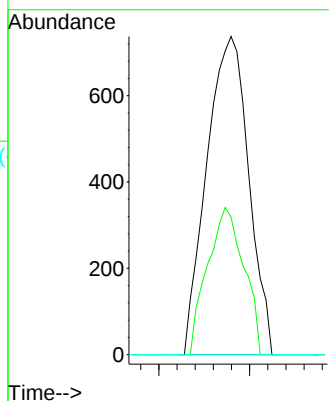
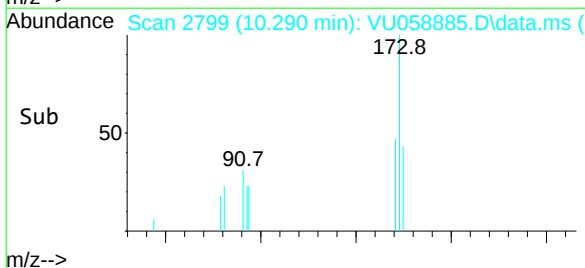
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024

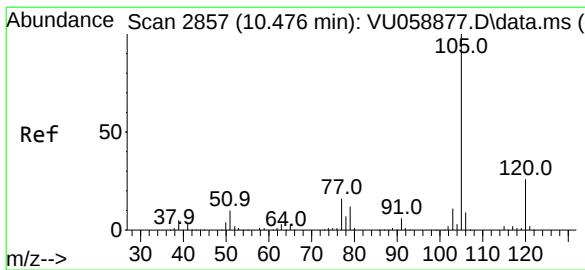


#59
Bromoform
Concen: 0.216 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.007 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32



Tgt Ion	Ratio	Lower	Upper
173	100		
175	40.2	39.4	59.2
254	0.0	7.4	11.2





#60

Isopropylbenzene

Concen: 0.183 ug/L

RT: 10.479 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU058885.D

Acq: 14 May 2024 14:32

Instrument :

MSVOA_U

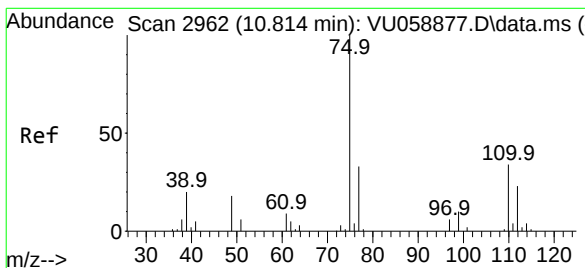
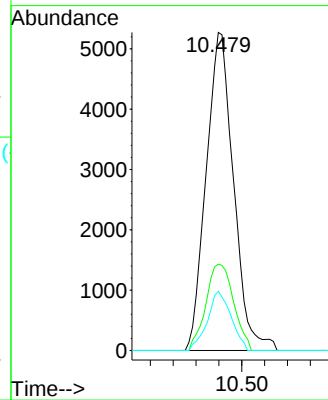
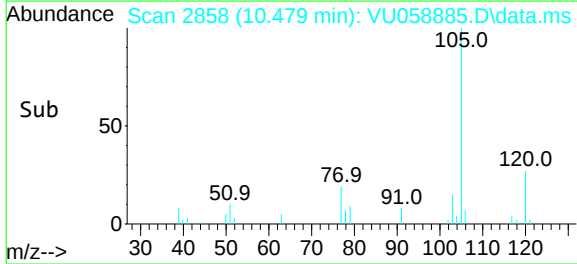
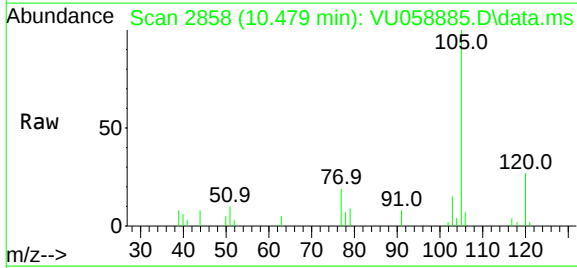
ClientSampleId :

MDL-WATER-QT2-2024-03

Tgt Ion:	105	Resp:	8775
Ion Ratio	Lower	Upper	
105	100		
120	27.5	20.6	31.0
77	16.1	12.8	19.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#61

1,2,3-Trichloropropane

Concen: 0.224 ug/L

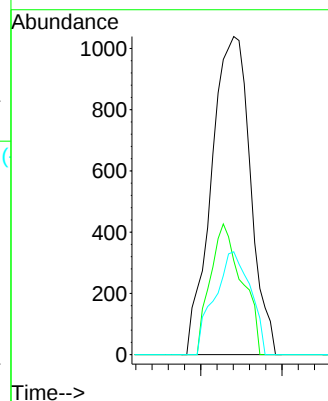
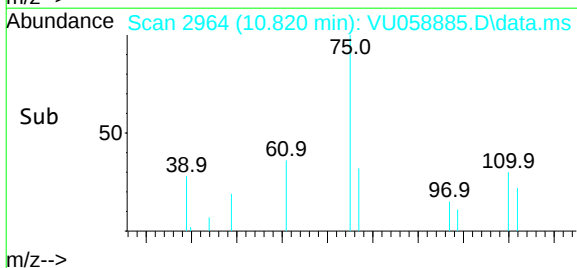
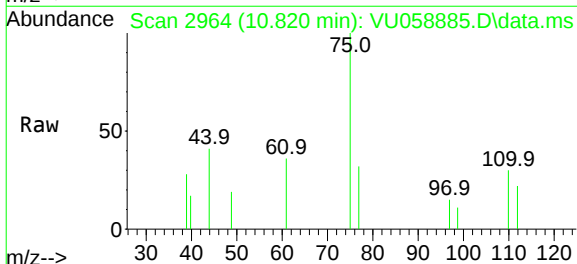
RT: 10.820 min Scan# 2964

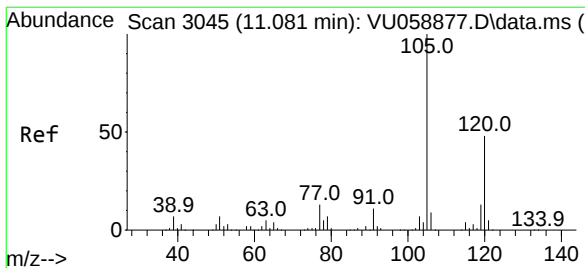
Delta R.T. 0.007 min

Lab File: VU058885.D

Acq: 14 May 2024 14:32

Tgt Ion:	75	Resp:	1728
Ion Ratio	Lower	Upper	
75	100		
110	33.4	27.1	40.7
77	29.7	25.4	38.2





#62

1,3,5-Trimethylbenzene

Concen: 0.167 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU058885.D

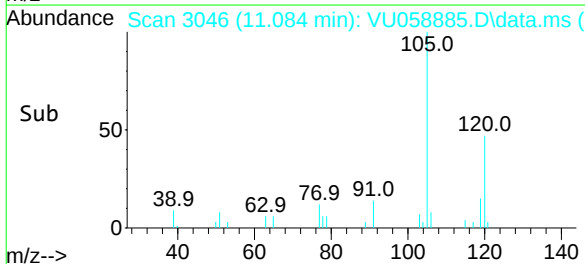
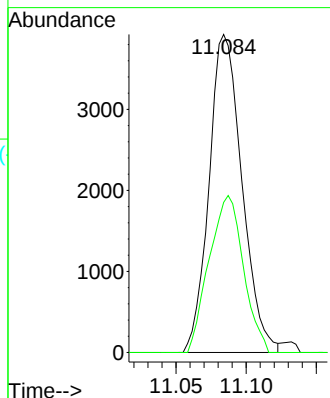
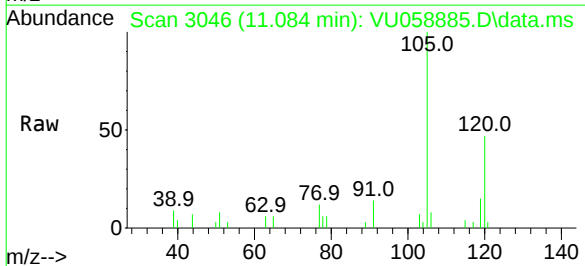
Acq: 14 May 2024 14:32

Tgt Ion:105 Resp: 6409

Ion Ratio Lower Upper

105 100

120 51.3 38.2 57.4



Instrument :

MSVOA_U

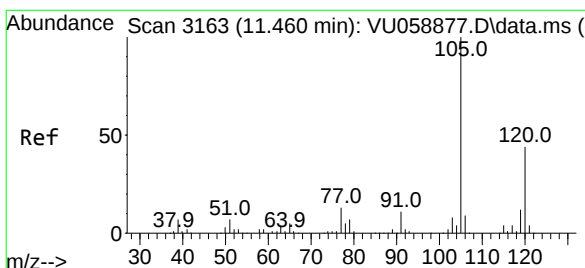
ClientSampleId :

MDL-WATER-QT2-2024-03

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#63

1,2,4-Trimethylbenzene

Concen: 0.178 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU058885.D

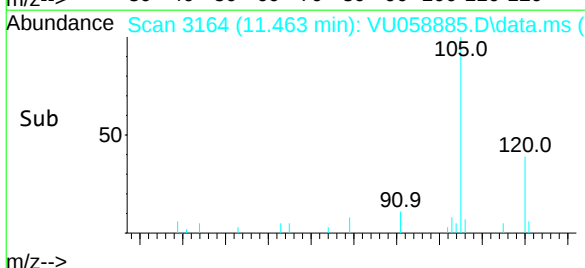
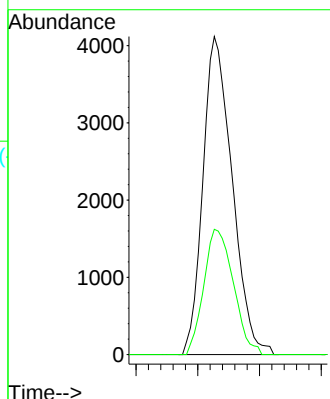
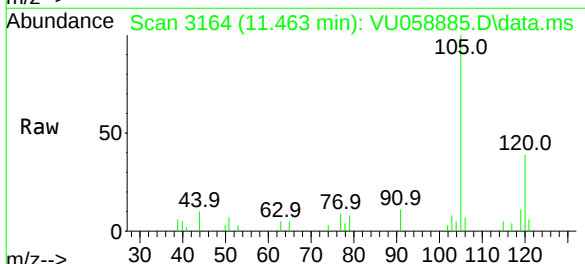
Acq: 14 May 2024 14:32

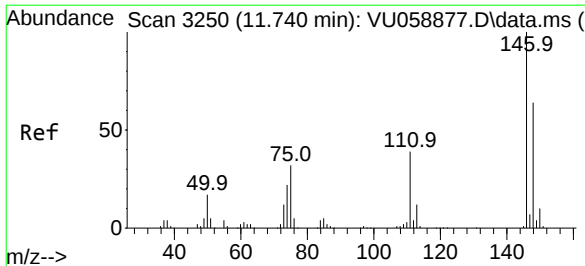
Tgt Ion:105 Resp: 6775

Ion Ratio Lower Upper

105 100

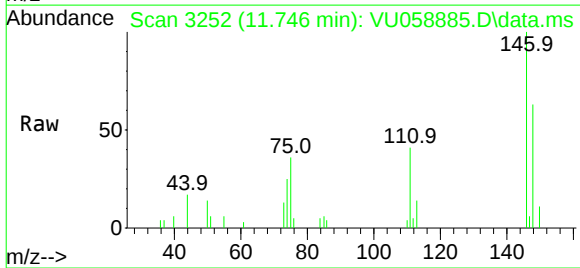
120 39.8 35.4 53.0





#64
1,3-Dichlorobenzene
Concen: 0.206 ug/L
RT: 11.746 min Scan# 3250
Delta R.T. 0.007 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

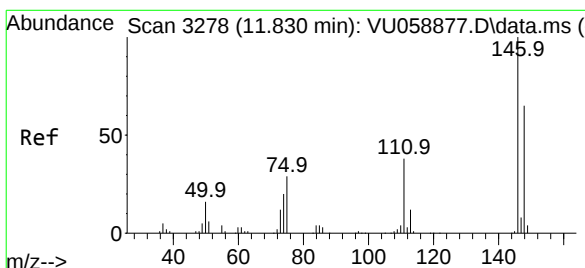
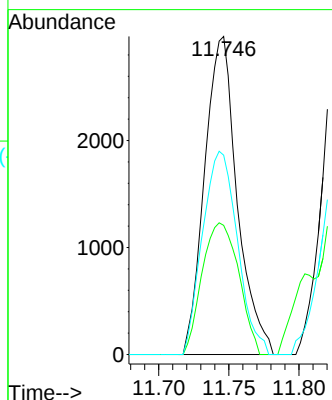
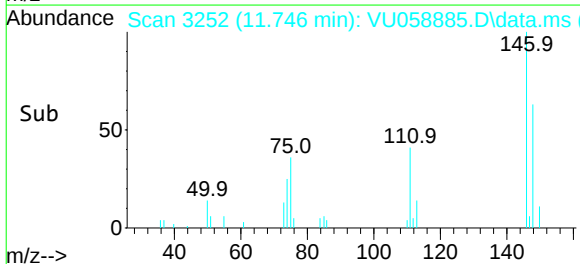
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-03



Tgt Ion:146 Resp: 4804
Ion Ratio Lower Upper
146 100
111 40.6 27.4 51.0
148 62.7 45.0 83.6

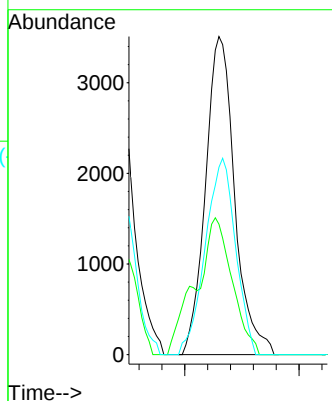
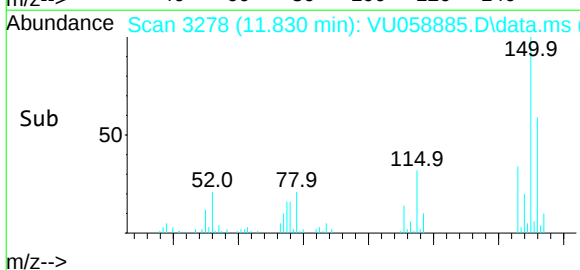
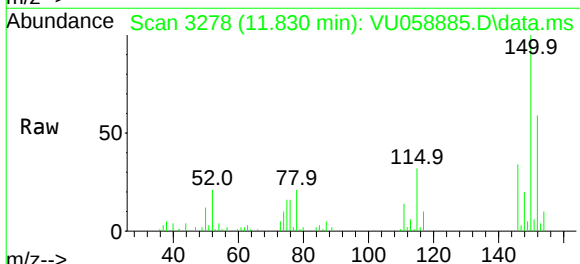
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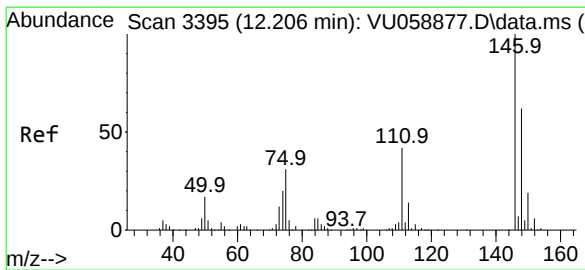
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#65
1,4-Dichlorobenzene
Concen: 0.267 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion:146 Resp: 6221
Ion Ratio Lower Upper
146 100
111 41.0 26.9 50.1
148 58.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 0.259 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058885.D

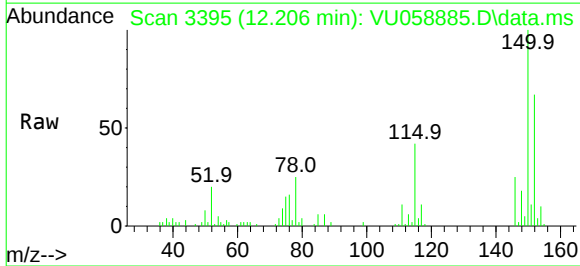
Acq: 14 May 2024 14:32

Instrument :

MSVOA_U

ClientSampleId :

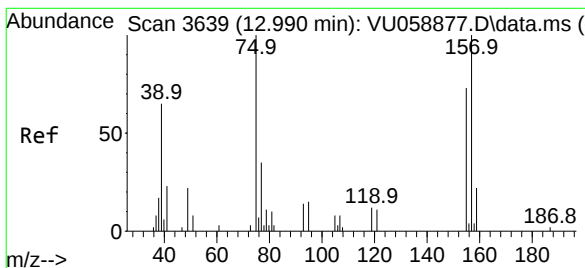
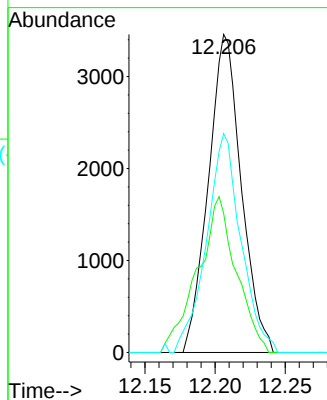
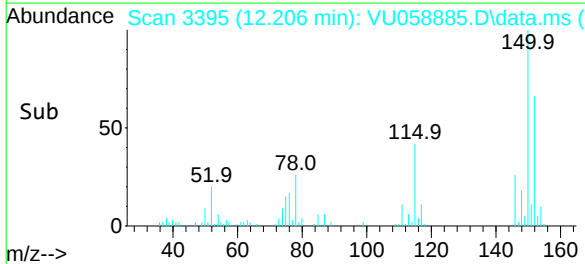
MDL-WATER-QT2-2024-03



Tgt	Ion:	146	Resp:	5647
Ion	Ratio	Lower	Upper	
146	100			
111	43.7	33.4	50.0	
148	68.9	49.7	74.5	

Manual Integrations
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Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 0.199 ug/L

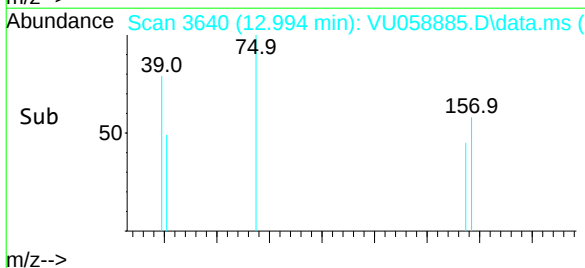
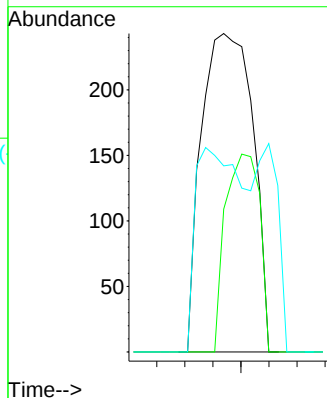
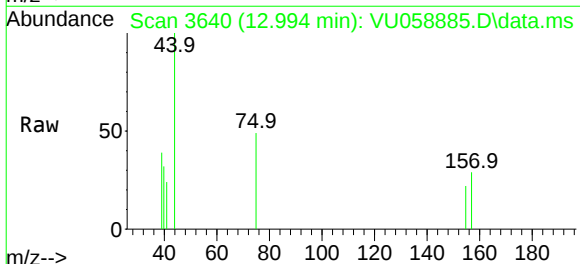
RT: 12.994 min Scan# 3640

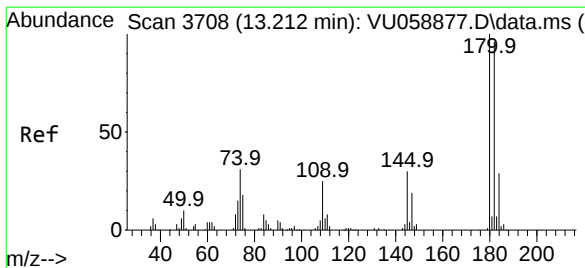
Delta R.T. 0.003 min

Lab File: VU058885.D

Acq: 14 May 2024 14:32

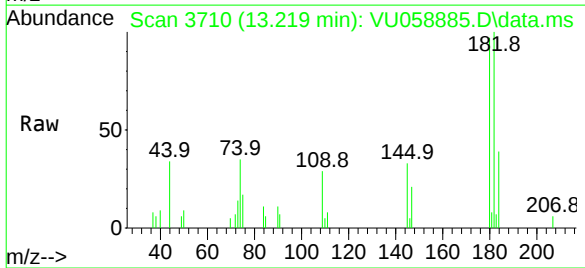
Tgt	Ion:	75	Resp:	309
Ion	Ratio	Lower	Upper	
75	100			
155	44.9	58.2	87.2#	
157	58.4	80.0	120.0#	





#69
1,3,5-Trichlorobenzene
Concen: 0.202 ug/L
RT: 13.219 min Scan# 3708
Delta R.T. 0.007 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

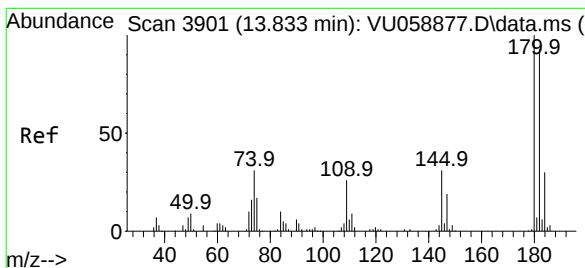
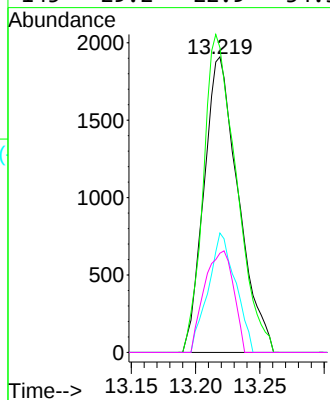
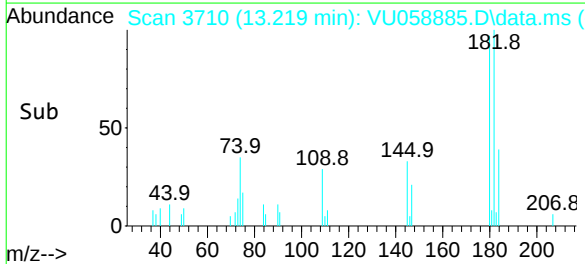
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-03



Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.4	75.4	113.0
184	32.2	23.0	34.6
145	29.2	22.9	34.3

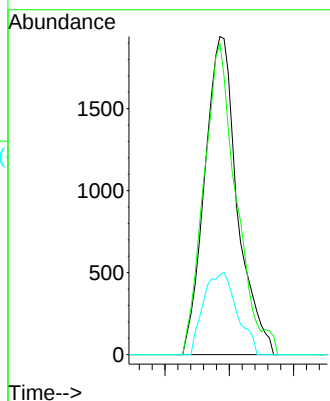
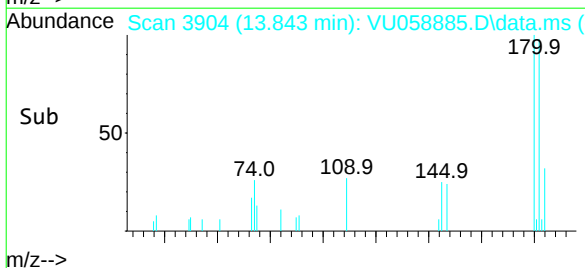
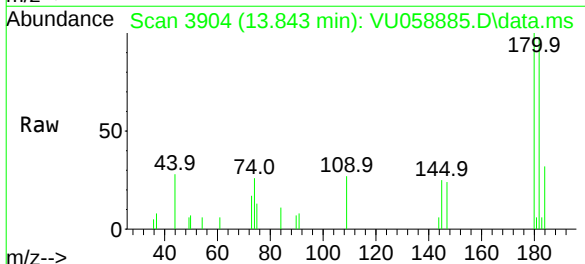
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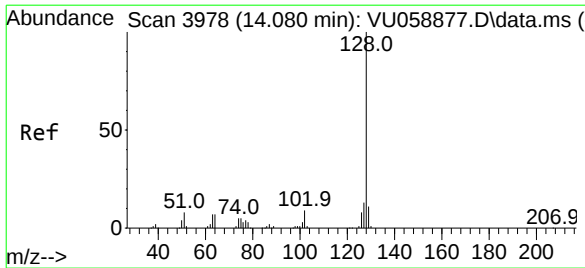
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#70
1,2,4-trichlorobenzene
Concen: 0.237 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	74.9	112.3
145	26.4	23.9	35.9





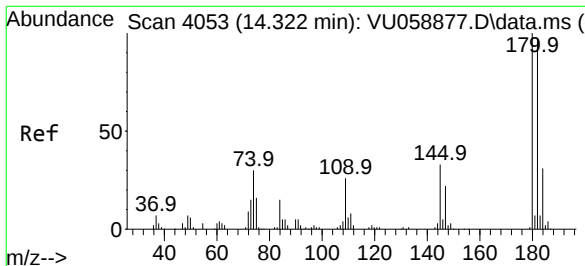
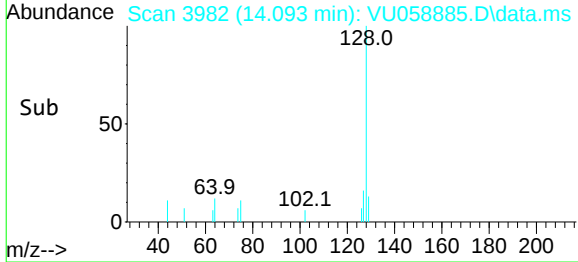
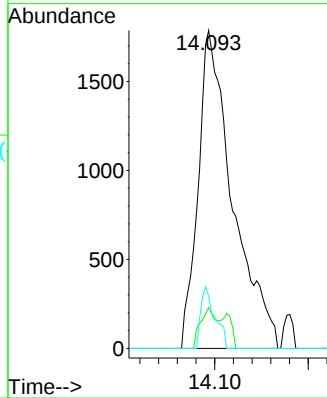
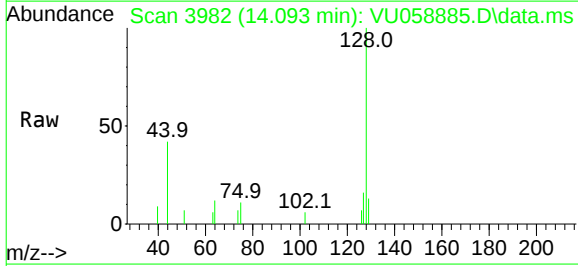
#71
Naphthalene
Concen: 0.210 ug/L
RT: 14.093 min Scan# 39
Delta R.T. 0.013 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-03

Tgt Ion:	128	Resp:	4580
Ion Ratio	Lower	Upper	
128	100		
129	5.7	8.2	12.4
127	7.9	10.2	15.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#72
1,2,3-Trichlorobenzene
Concen: 0.221 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.007 min
Lab File: VU058885.D
Acq: 14 May 2024 14:32

Tgt Ion:	180	Resp:	2804
Ion Ratio	Lower	Upper	
180	100		
182	103.0	77.0	115.6
145	27.8	26.2	39.4

