

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059156.D
 Acq On : 05 Jun 2024 18:26
 Operator : MD/SY
 Sample : P2403-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: Jun 06 04:01:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 04:01:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

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

Internal Standards						
1) Fluorobenzene	6.110	96	40154	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	12282	0.899	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12008	0.840	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3232	0.257	ug/l	96
3) Chloromethane	1.515	50	4120	0.272	ug/l	93
4) Vinyl Chloride	1.599	62	4206	0.275	ug/l	97
5) Bromomethane	1.853	94	2789	0.300	ug/l	96
6) Chloroethane	1.930	64	2381	0.242	ug/l	# 73
7) Trichlorofluoromethane	2.136	101	4426	0.233	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	2658	0.272	ug/l	96
9) 1,1-Dichloroethene	2.573	96	2850	0.295	ug/l	98
10) Iodomethane	2.718	142	2781	0.229	ug/l	91
11) Allyl Chloride	2.917	41	3541	0.271	ug/l	97
12) Acrylonitrile	3.351	53	1095m	0.501	ug/l	
13) Acetone	2.653	43	3295m	0.991	ug/l	
14) Carbon Disulfide	2.785	76	9117	0.296	ug/l	98
15) Methylene Chloride	3.039	84	13055	0.985	ug/l	98
16) trans-1,2-Dichloroethene	3.351	96	2803	0.266	ug/l	84
17) 1,1-Dichloroethane	3.872	63	5646	0.255	ug/l	# 84
18) 2-Butanone	4.753	43	3593m	0.974	ug/l	
19) Cyclohexane	5.380	56	3816	0.239	ug/l	# 91
20) Methylcyclohexane	6.759	83	3646	0.227	ug/l	93
21) 2,2-Dichloropropane	4.663	77	3826	0.234	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	3322	0.290	ug/l	89
23) Diethyl Ether	2.374	59	2332	0.257	ug/l	# 88
24) tert-Butyl Alcohol	3.261	59	1723m	2.776	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	5960	0.257	ug/l	97
26) Bromochloromethane	4.975	128	1350	0.279	ug/l	88
27) Chloroform	5.081	83	5970	0.269	ug/l	93
28) 1,1,1-Trichloroethane	5.309	97	4714	0.269	ug/l	89
29) 1,1-Dichloropropene	5.525	75	3535	0.241	ug/l	93
30) Carbon Tetrachloride	5.525	117	3404m	0.237	ug/l	
31) Isopropyl Ether	3.988	45	7237	0.250	ug/l	69
32) Ethyl-t-butyl ether	4.496	59	6752	0.250	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	5265	0.221	ug/l	98
34) Propionitrile	4.837	54	929m	1.100	ug/l	
35) Benzene	5.772	78	11052	0.239	ug/l	97
36) 1,2-Dichloroethane	5.798	62	3529	0.258	ug/l	# 84
37) Trichloroethene	6.541	130	3126	0.284	ug/l	95
38) 1,2-Dichloropropane	6.785	63	3161	0.241	ug/l	100
41) Tetrahydrofuran	5.091	42	861m	0.511	ug/l	
42) 1-Chlorobutane	5.457	56	4975	0.245	ug/l	98
43) Dibromomethane	6.917	93	1827	0.308	ug/l	88
44) Bromodichloromethane	7.103	83	3851	0.250	ug/l	93
45) 4-Methyl-2-Pentanone	7.795	43	8044	1.264	ug/l	# 95
46) t-1,4-Dichloro-2-butene	10.833	75	1438m	0.533	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.968	69	1779	0.349	ug/l #	73
48) Ethyl methacrylate	8.338	69	1864	0.207	ug/l	97
49) Toluene	7.972	92	5652	0.222	ug/l	88
50) t-1,3-Dichloropropene	8.213	75	3189	0.242	ug/l #	89
51) cis-1,3-Dichloropropene	7.605	75	4013	0.249	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	2181	0.249	ug/l #	75
53) 1,3-Dichloropropane	8.576	76	3992	0.264	ug/l	95
54) 2-Hexanone	8.698	43	5276	1.070	ug/l	88
55) Dibromochloromethane	8.804	129	2233	0.235	ug/l	94
56) 1,2-Dibromoethane	8.920	107	1954	0.254	ug/l	81
58) Tetrachloroethene	8.550	164	2714	0.267	ug/l	94
59) Chlorobenzene	9.451	112	7634	0.274	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.531	131	2491	0.250	ug/l	97
61) Pentachloroethane	11.422	117	1847	0.239	ug/l	84
62) Hexachloroethane	12.467	117	1884	0.240	ug/l	100
63) Ethyl Benzene	9.570	91	11047	0.235	ug/l	99
64) m/p-Xylenes	9.695	106	7285	0.411	ug/l	96
65) o-Xylene	10.097	106	3619	0.207	ug/l	99
67) Bromoform	10.287	173	1404	0.273	ug/l #	83
69) Isopropylbenzene	10.480	105	9311	0.208	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.779	83	3185	0.289	ug/l #	92
71) 1,2,3-Trichloropropane	10.824	75	2332m	0.277	ug/l	
72) Bromobenzene	10.788	156	3129	0.292	ug/l	95
73) n-propylbenzene	10.904	120	2434	0.203	ug/l	82
74) 2-Chlorotoluene	10.988	126	2192	0.200	ug/l	97
76) 4-Chlorotoluene	11.100	126	2660	0.233	ug/l	85
77) tert-Butylbenzene	11.418	119	7607	0.212	ug/l	98
80) Nitrobenzene	13.241	77	382m	1.618	ug/l	
82) 1,3-Dichlorobenzene	11.746	146	5915	0.260	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	6304	0.277	ug/l	92
84) n-Butylbenzene	12.209	91	8060	0.224	ug/l	96
85) 1,2-Dichlorobenzene	12.213	146	5806	0.271	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.007	75	390	0.260	ug/l #	88
87) 1,2,4-Trichlorobenzene	13.843	180	4286	0.373	ug/l	98
88) Hexachlorobutadiene	14.016	225	2037	0.284	ug/l	96
89) Naphthalene	14.094	128	10568	0.580	ug/l #	93
90) 1,2,3-Trichlorobenzene	14.331	180	4582	0.439	ug/l	94

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

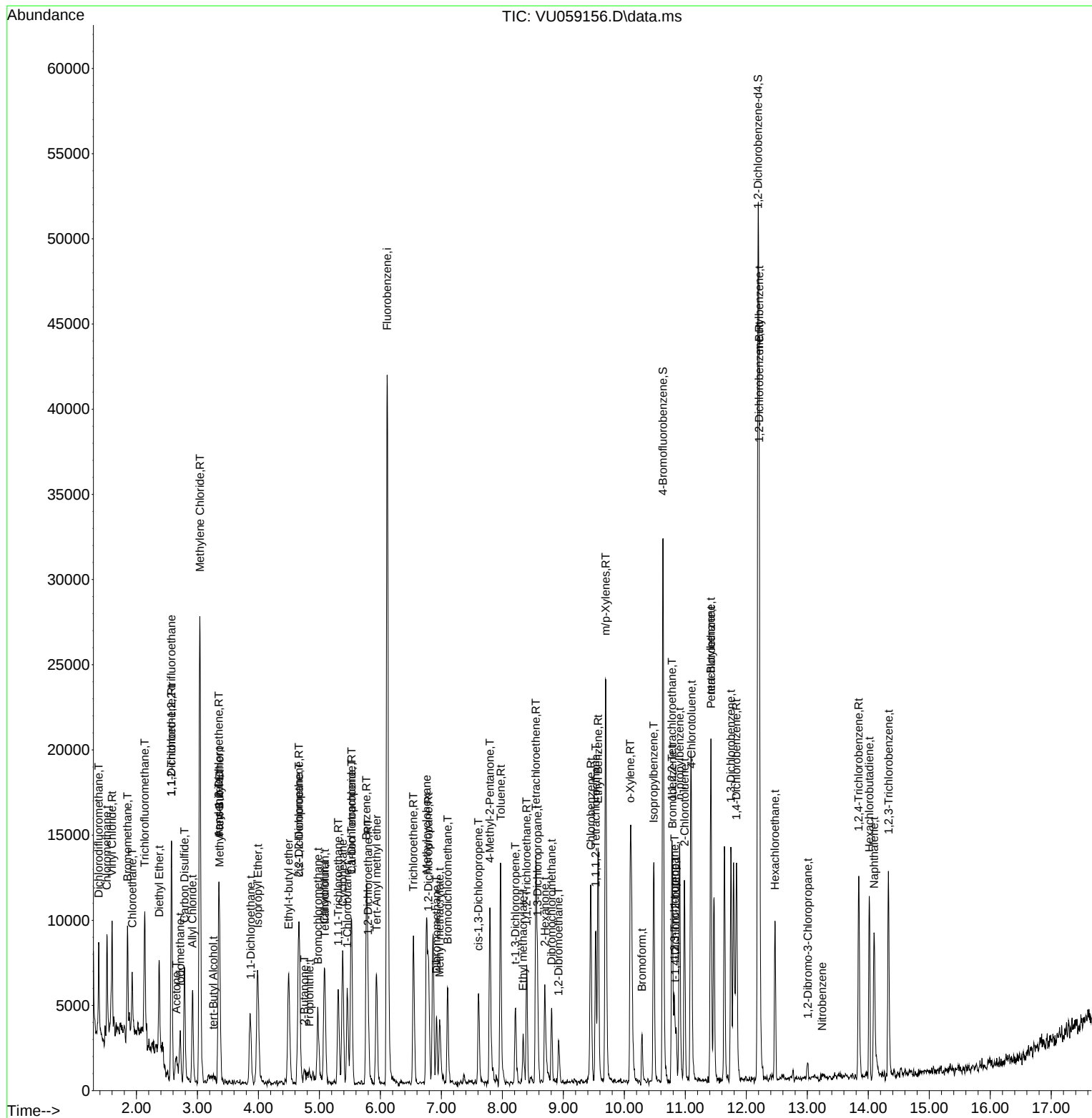
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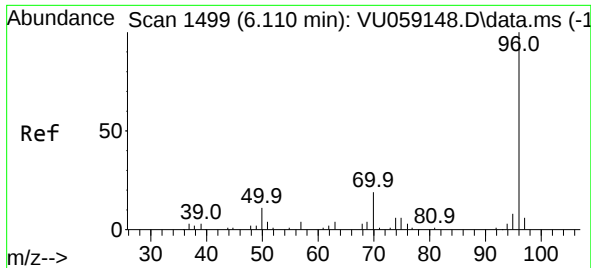
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

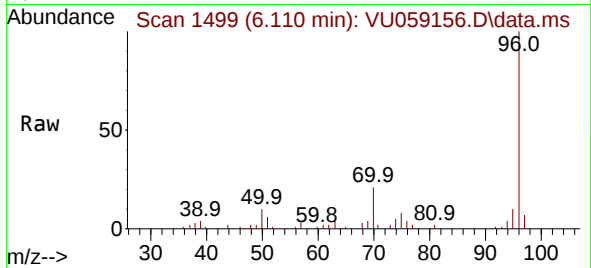
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

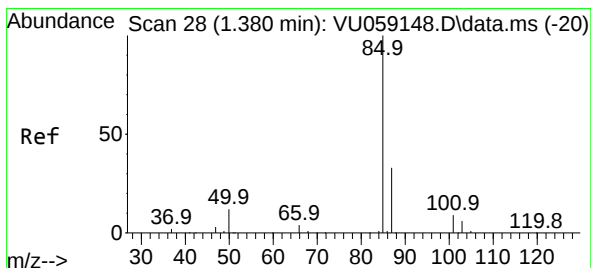
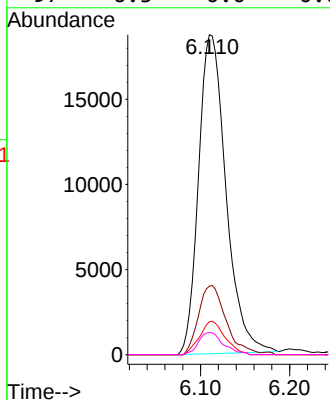
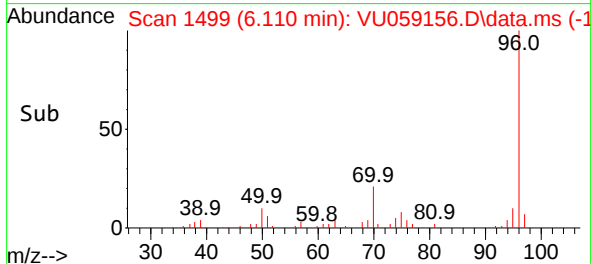
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 96 Resp: 40154
Ion Ratio Lower Upper
96 100
70 20.8 16.6 24.8
95 9.7 7.1 10.7
97 6.3 0.0 0.0#

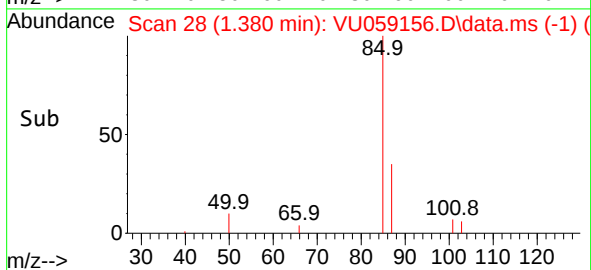
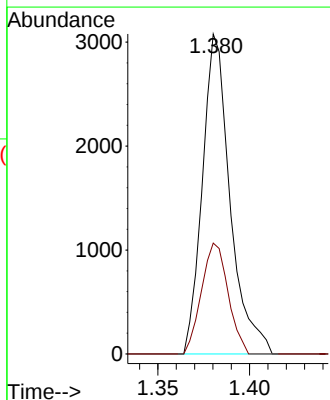
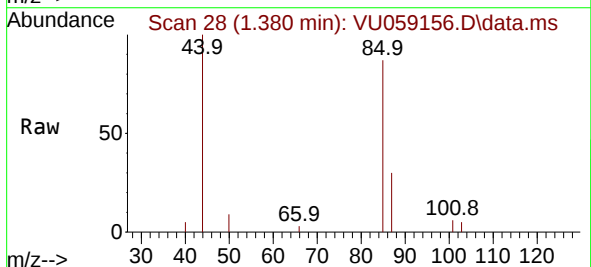
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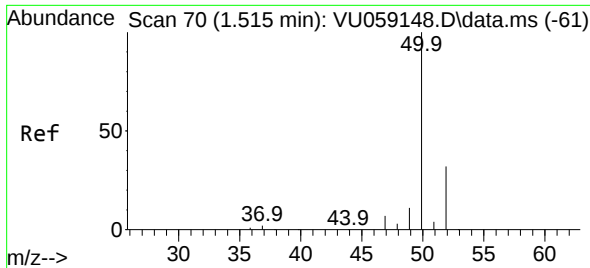
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#2
Dichlorodifluoromethane
Concen: 0.257 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion: 85 Resp: 3232
Ion Ratio Lower Upper
85 100
87 34.7 16.3 48.9





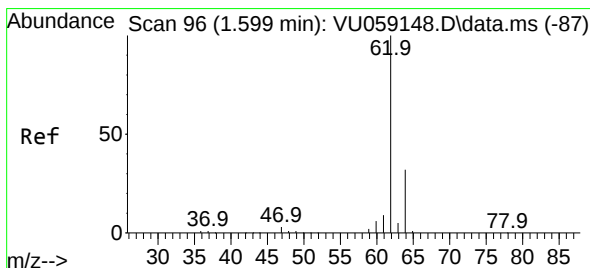
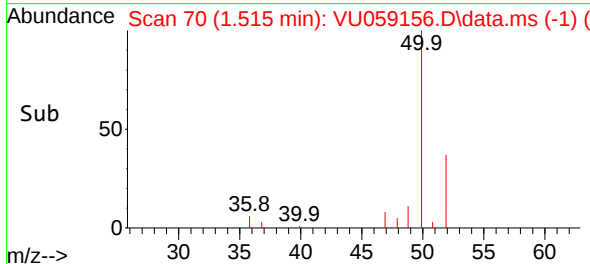
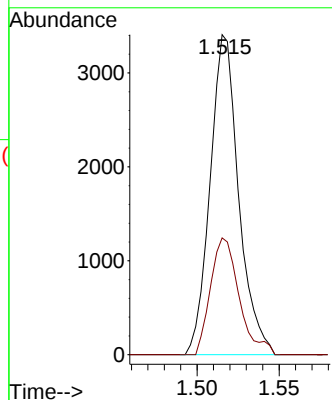
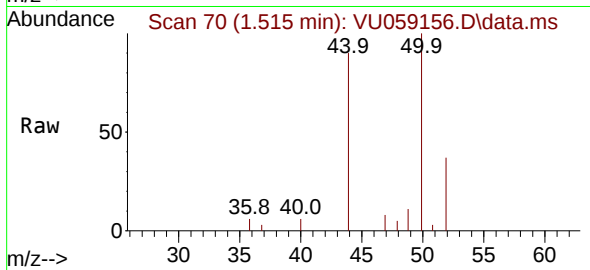
#3
Chloromethane
Concen: 0.272 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 50 Resp: 4120
Ion Ratio Lower Upper
50 100
52 36.5 26.0 39.0

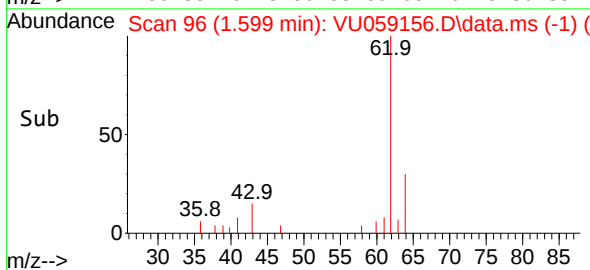
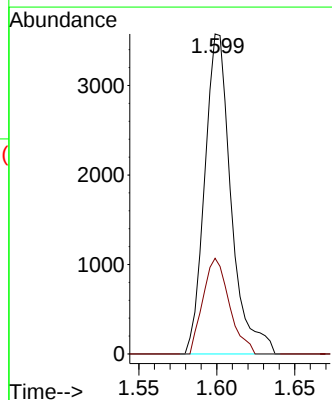
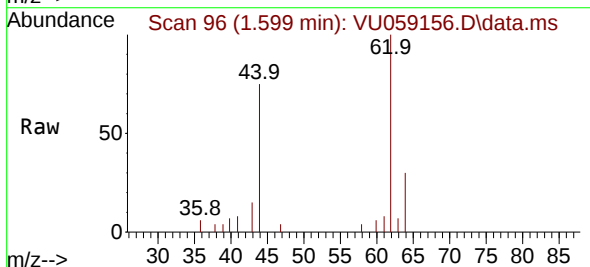
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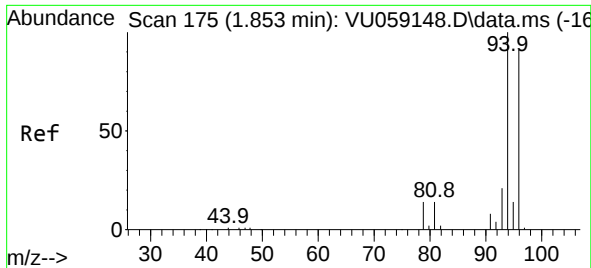
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#4
Vinyl Chloride
Concen: 0.275 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

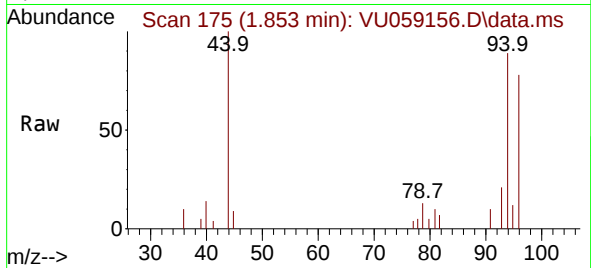
Tgt Ion: 62 Resp: 4206
Ion Ratio Lower Upper
62 100
64 29.9 25.2 37.8





#5
Bromomethane
Concen: 0.300 ug/l
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

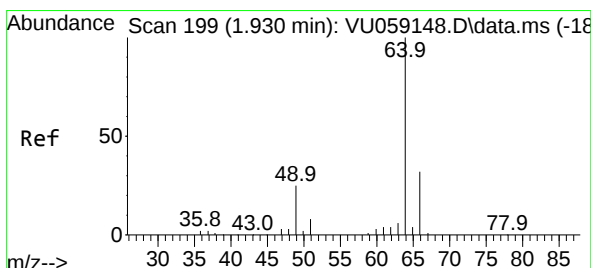
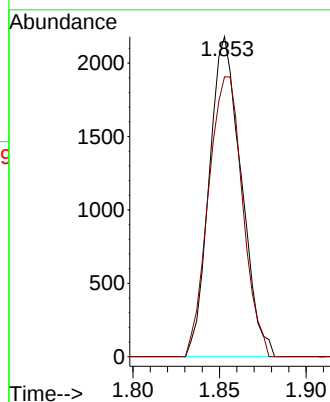
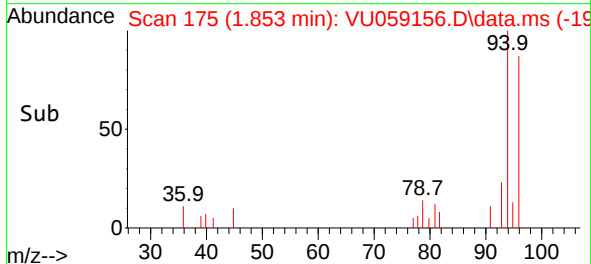
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 94 Resp: 2789
Ion Ratio Lower Upper
94 100
96 87.4 72.7 109.1

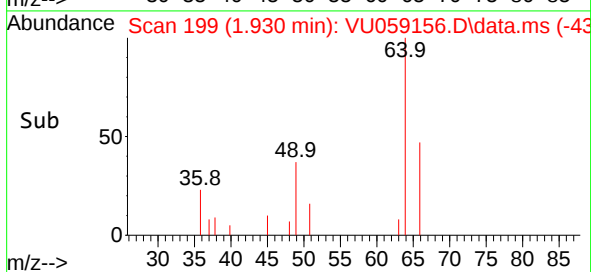
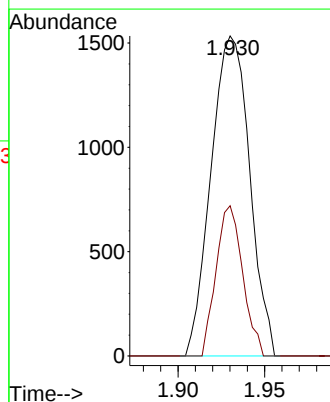
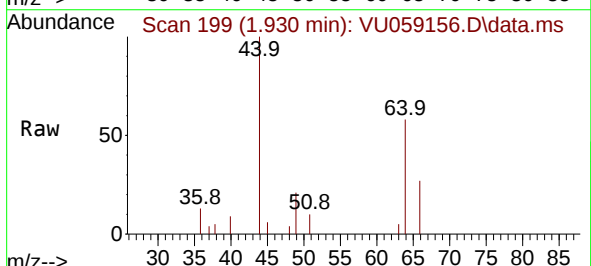
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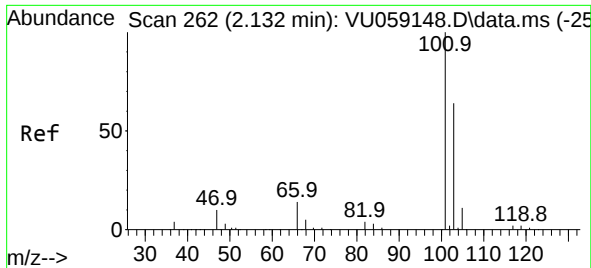
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#6
Chloroethane
Concen: 0.242 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion: 64 Resp: 2381
Ion Ratio Lower Upper
64 100
66 46.9 25.5 38.3#





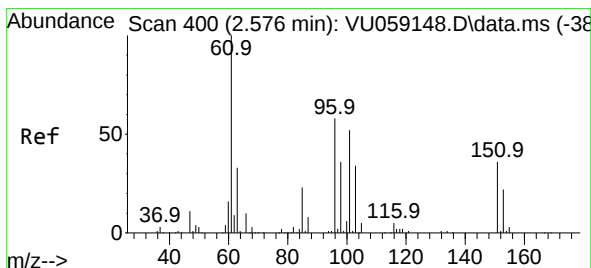
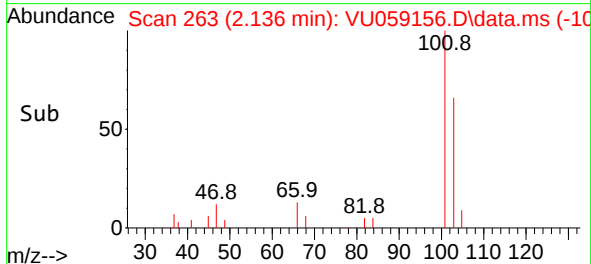
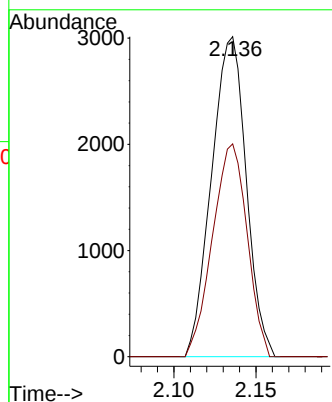
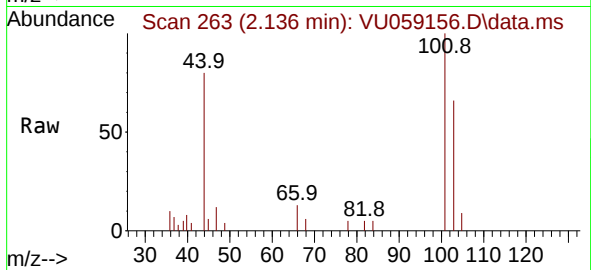
#7
Trichlorofluoromethane
Concen: 0.233 ug/l
RT: 2.136 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU059156.D
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Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:101 Resp: 4420
Ion Ratio Lower Upper
101 100
103 66.5 51.1 76.7

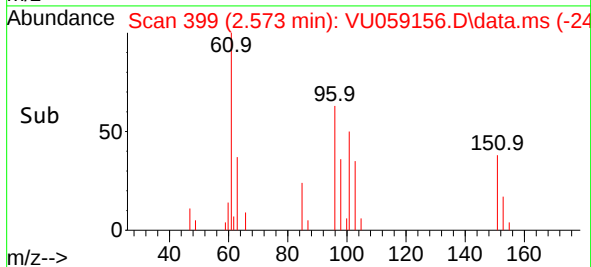
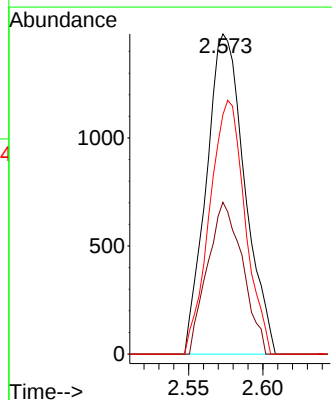
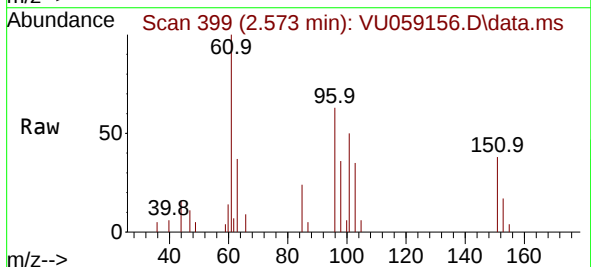
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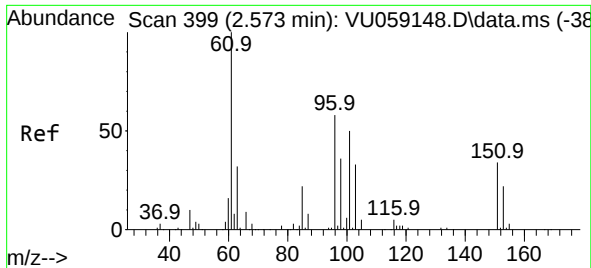
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.272 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion:101 Resp: 2658
Ion Ratio Lower Upper
101 100
85 43.5 36.1 54.1
151 73.4 55.0 82.6





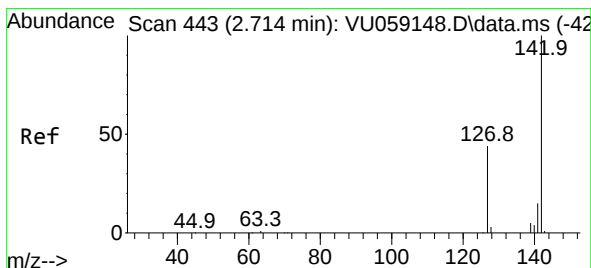
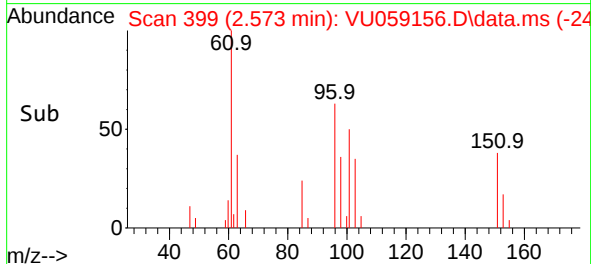
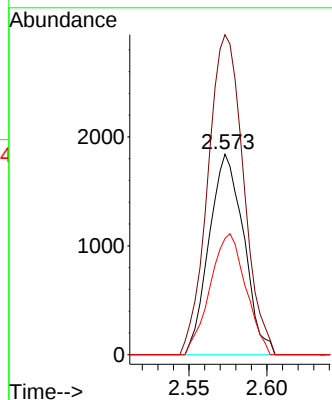
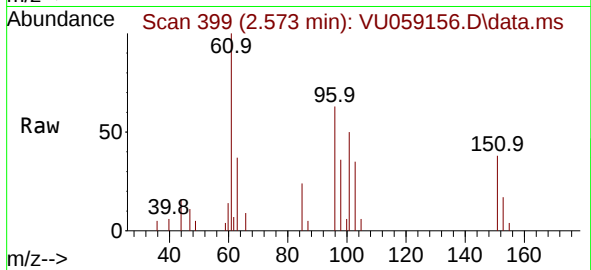
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1,1-Dichloroethene
Concen: 0.295 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059156.D
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Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 96 Resp: 2850
Ion Ratio Lower Upper
96 100
61 171.1 0.0 515.4
98 58.0 0.0 124.4

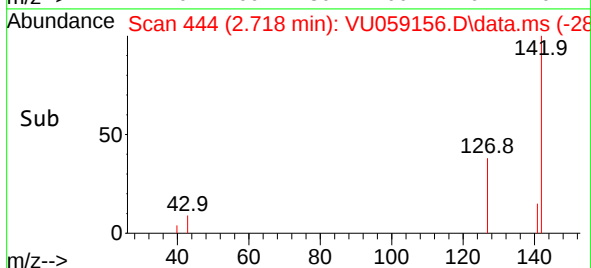
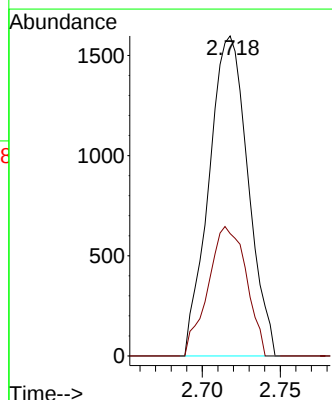
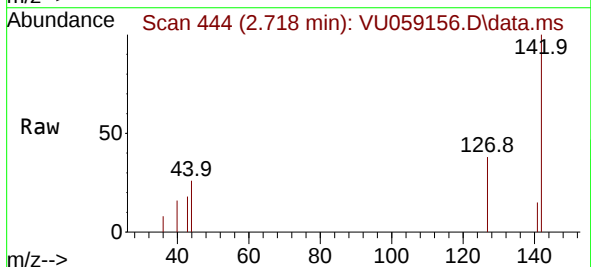
Manual Integrations
APPROVED

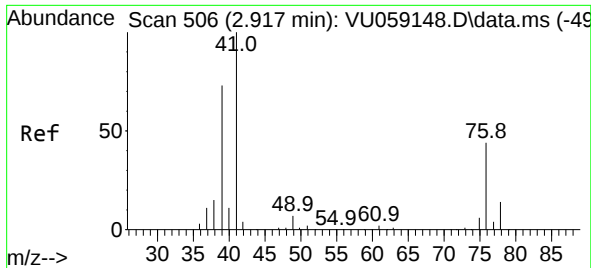
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#10
Iodomethane
Concen: 0.229 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion:142 Resp: 2781
Ion Ratio Lower Upper
142 100
127 39.6 36.2 54.4





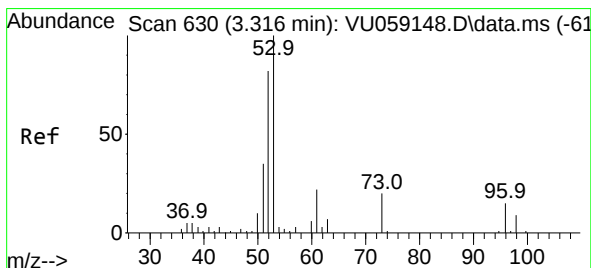
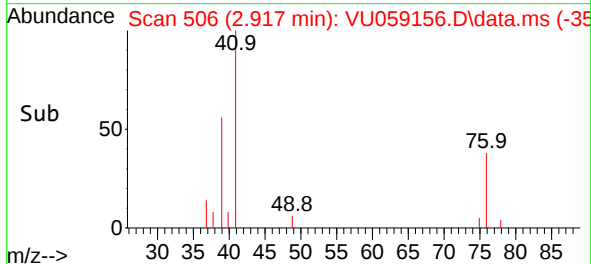
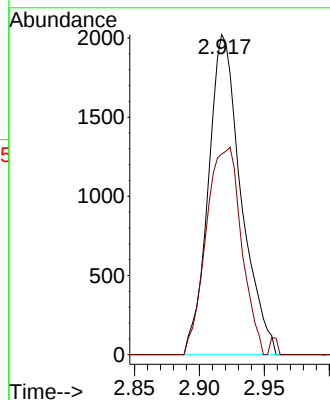
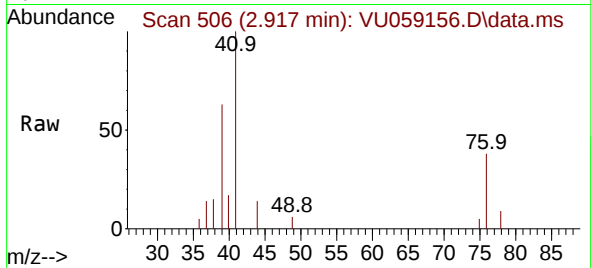
#11
 Allyl Chloride
 Concen: 0.271 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VU059156.D
 Acq: 05 Jun 2024 18:26

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 41 Resp: 354
 Ion Ratio Lower Upper
 41 100
 39 69.7 58.1 87.1

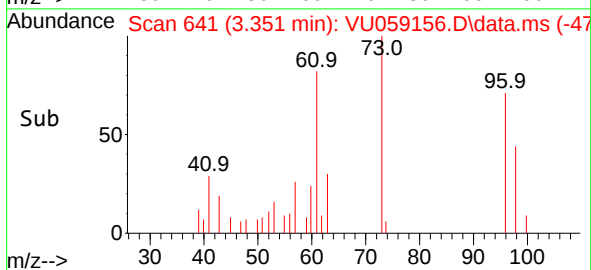
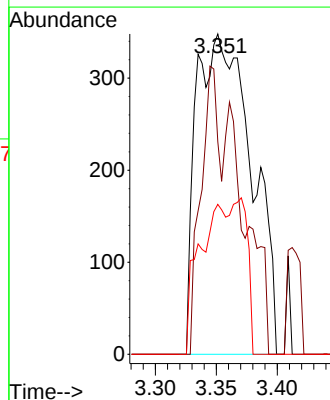
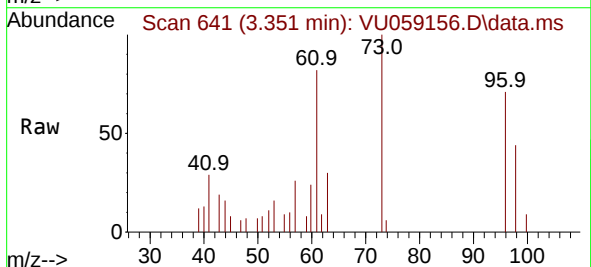
Manual Integrations
 APPROVED

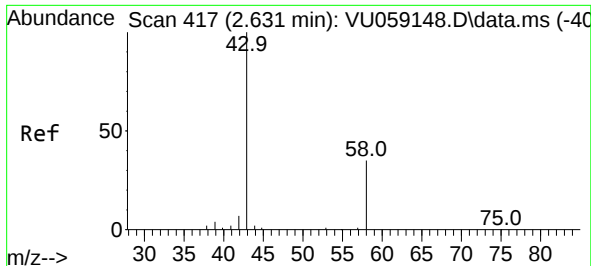
Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024



#12
 Acrylonitrile
 Concen: 0.501 ug/l m
 RT: 3.351 min Scan# 641
 Delta R.T. 0.036 min
 Lab File: VU059156.D
 Acq: 05 Jun 2024 18:26

Tgt Ion: 53 Resp: 1095
 Ion Ratio Lower Upper
 53 100
 52 30.9 64.2 96.4#
 51 23.0 33.0 49.4#





#13

Acetone

Concen: 0.991 ug/l m

RT: 2.653 min Scan# 41

Delta R.T. 0.023 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 329

Ion Ratio Lower Upper

43 100

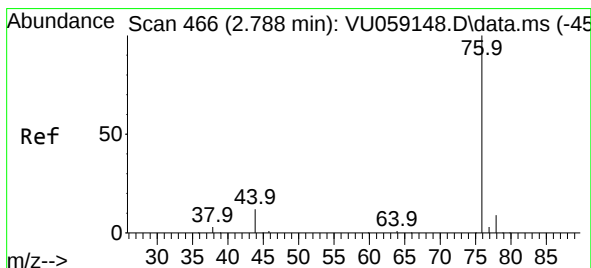
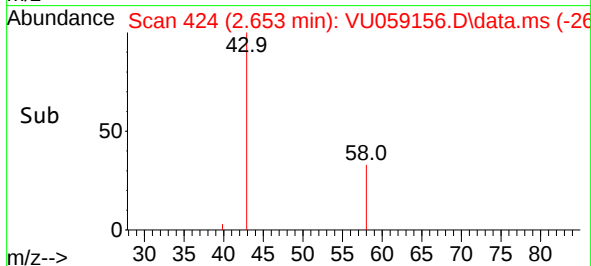
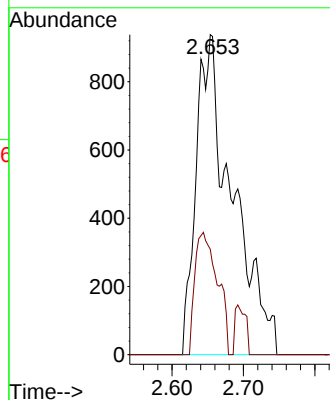
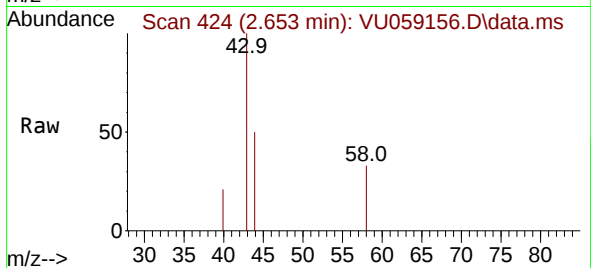
58 32.9 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#14

Carbon Disulfide

Concen: 0.296 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059156.D

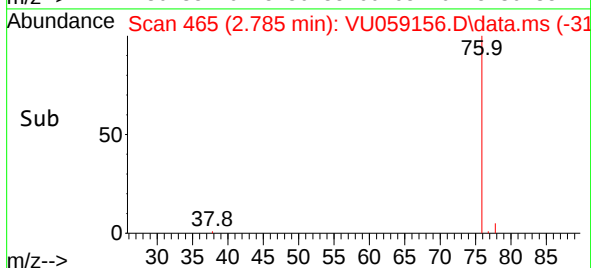
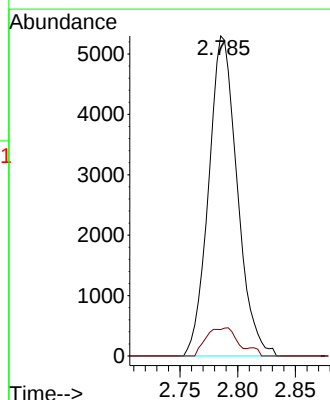
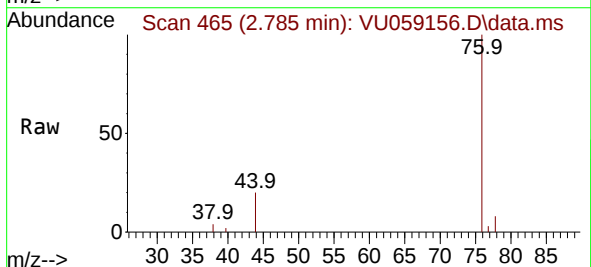
Acq: 05 Jun 2024 18:26

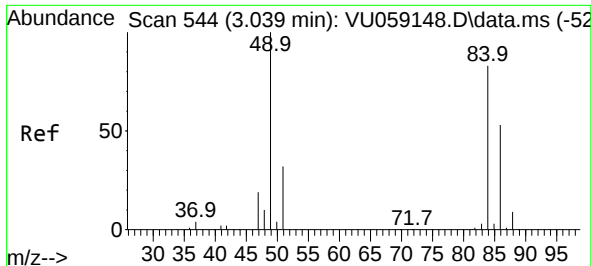
Tgt Ion: 76 Resp: 9117

Ion Ratio Lower Upper

76 100

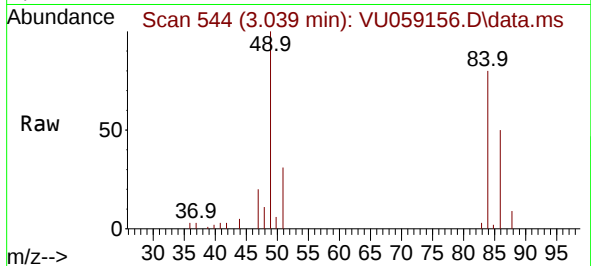
78 8.3 7.3 10.9





#15
Methylene Chloride
Concen: 0.985 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

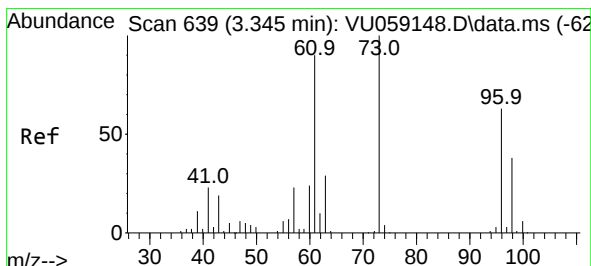
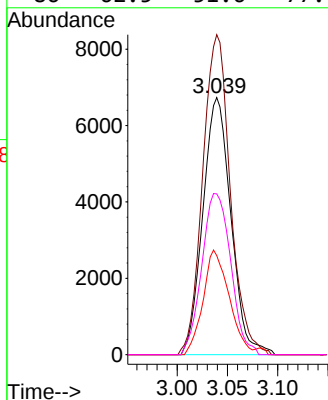
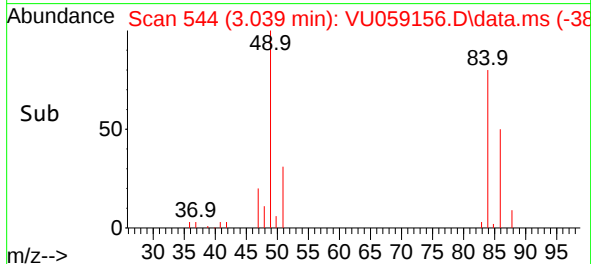
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 84	Resp: 1305
Ion Ratio	Lower Upper
84	100
49	124.4 96.7 145.1
51	38.5 0.0 76.8
86	62.5 51.6 77.4

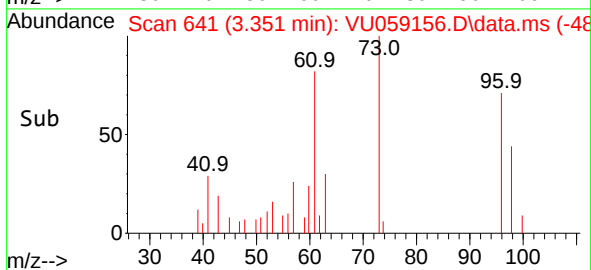
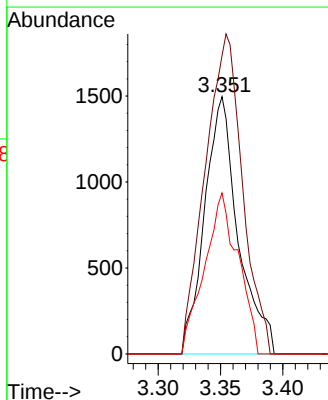
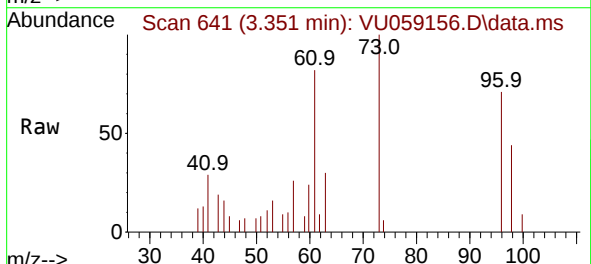
Manual Integrations
APPROVED

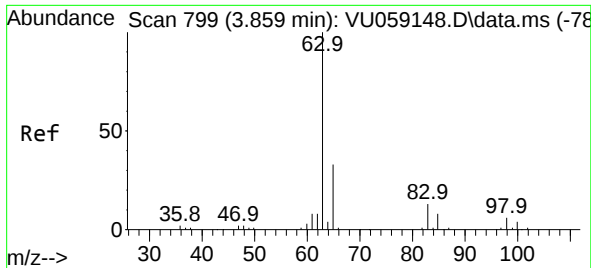
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#16
trans-1,2-Dichloroethene
Concen: 0.266 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion: 96	Resp: 2803
Ion Ratio	Lower Upper
96	100
61	116.0 114.8 172.2
98	62.6 48.8 73.2





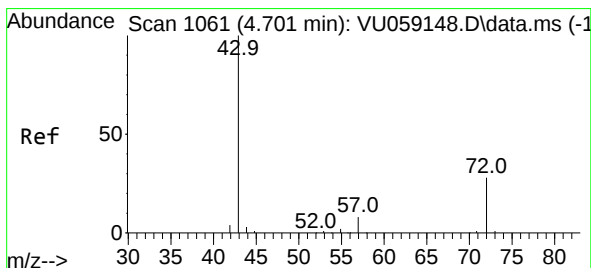
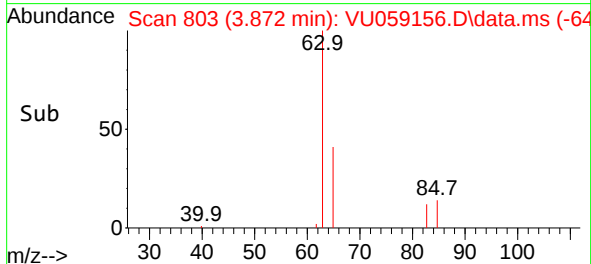
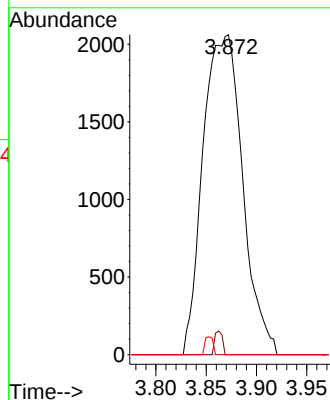
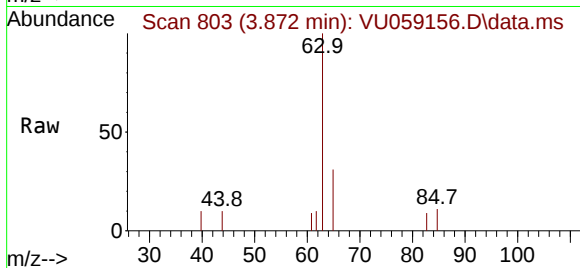
#17
1,1-Dichloroethane
Concen: 0.255 ug/l
RT: 3.872 min Scan# 803
Delta R.T. 0.013 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 63 Resp: 5640
Ion Ratio Lower Upper
63 100
98 0.0 3.2 9.6
100 0.0 2.1 6.5

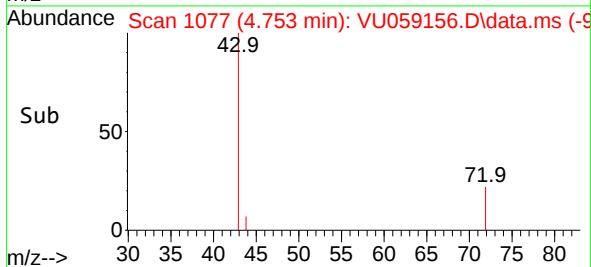
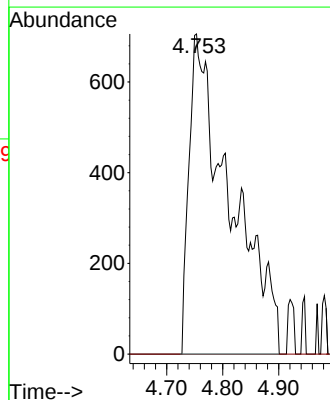
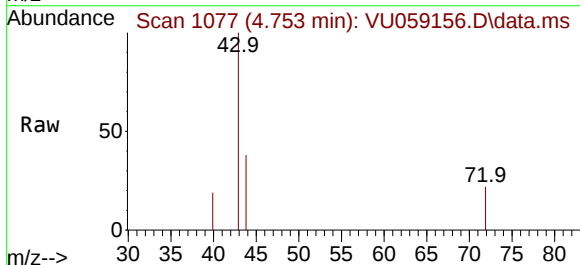
Manual Integrations
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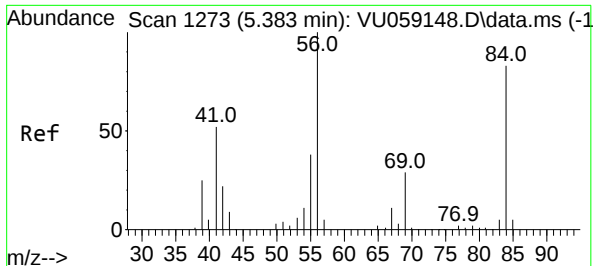
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#18
2-Butanone
Concen: 0.974 ug/l m
RT: 4.753 min Scan# 1077
Delta R.T. 0.052 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

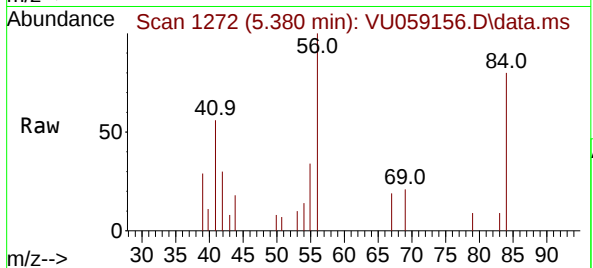
Tgt Ion: 43 Resp: 3593
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.8





#19
Cyclohexane
Concen: 0.239 ug/l
RT: 5.380 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

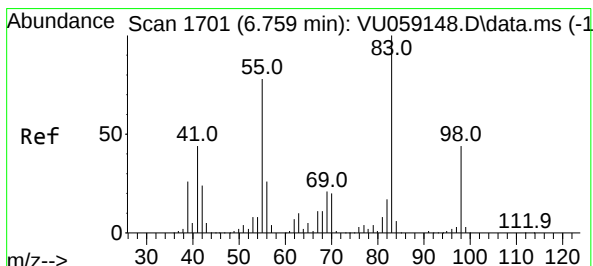
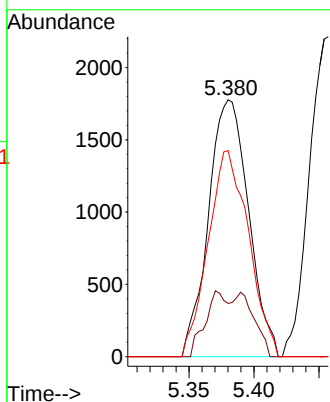
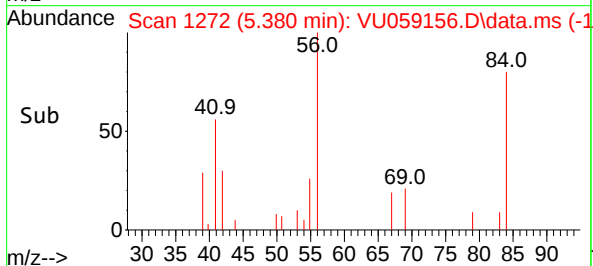
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 56 Resp: 3810
Ion Ratio Lower Upper
56 100
69 14.0 23.5 35.3
84 80.7 66.5 99.7

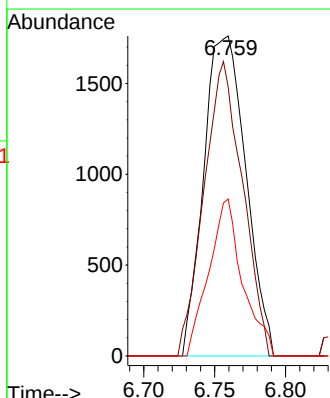
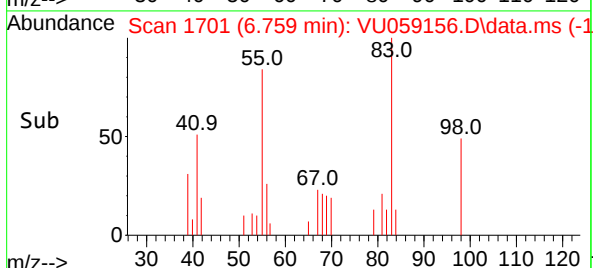
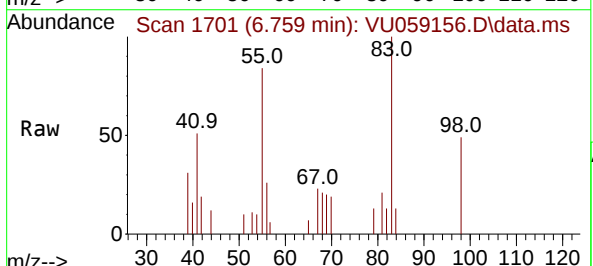
Manual Integrations
APPROVED

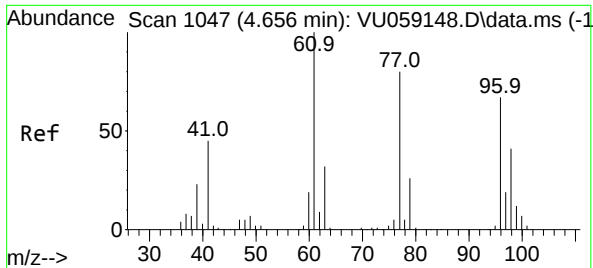
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#20
Methylcyclohexane
Concen: 0.227 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion: 83 Resp: 3646
Ion Ratio Lower Upper
83 100
55 84.2 62.7 94.1
98 39.4 35.1 52.7





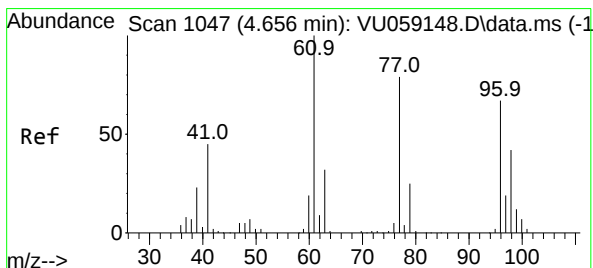
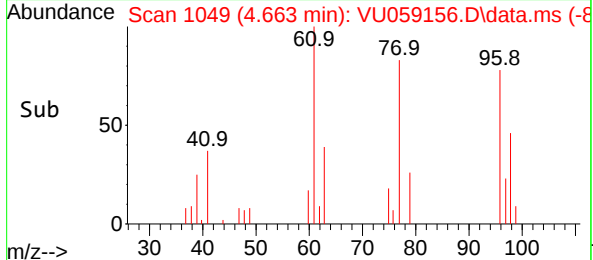
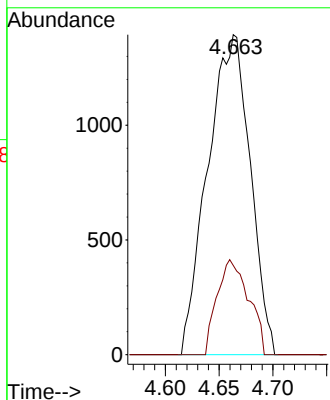
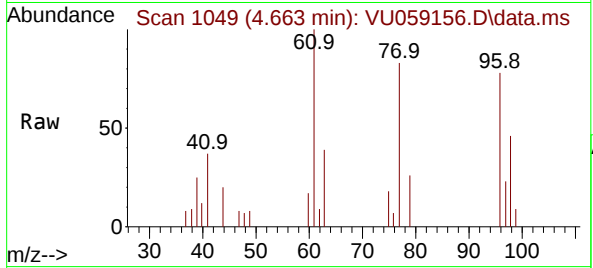
#21
2,2-Dichloropropane
Concen: 0.234 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 77 Resp: 3820
Ion Ratio Lower Upper
77 100
97 22.1 18.1 27.1

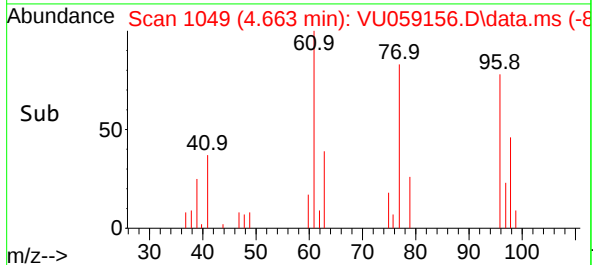
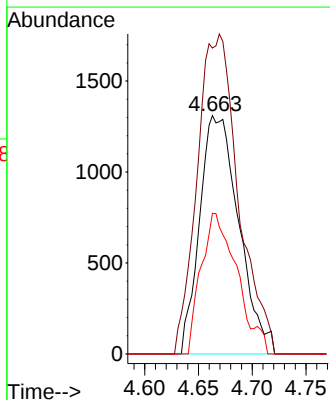
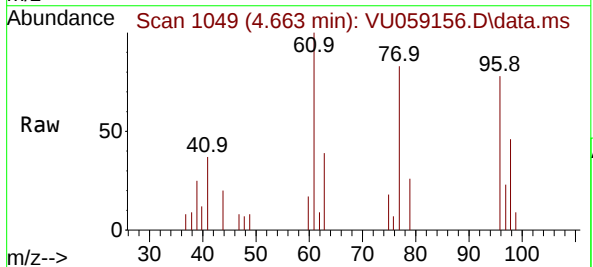
Manual Integrations
APPROVED

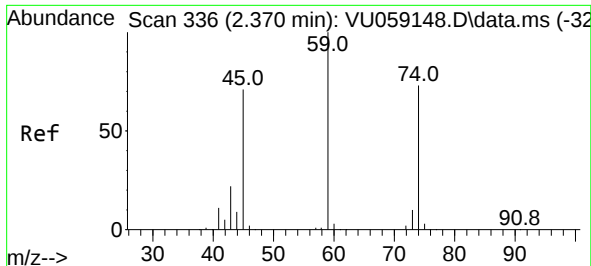
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#22
cis-1,2-Dichloroethene
Concen: 0.290 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

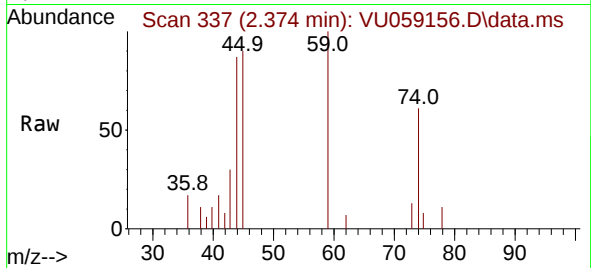
Tgt Ion: 96 Resp: 3322
Ion Ratio Lower Upper
96 100
61 141.1 0.0 388.5
98 53.9 31.8 95.3





#23
Diethyl Ether
Concen: 0.257 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

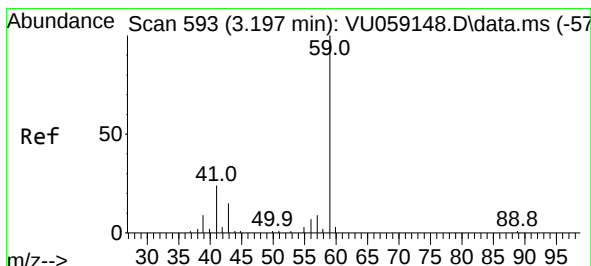
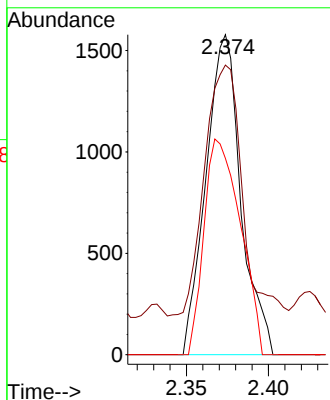
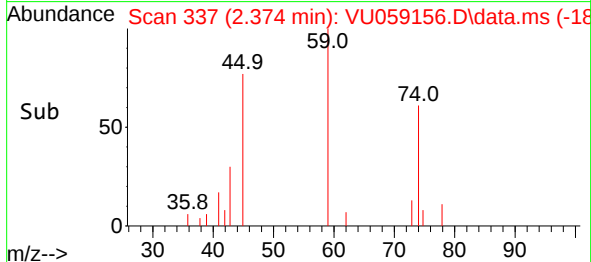
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



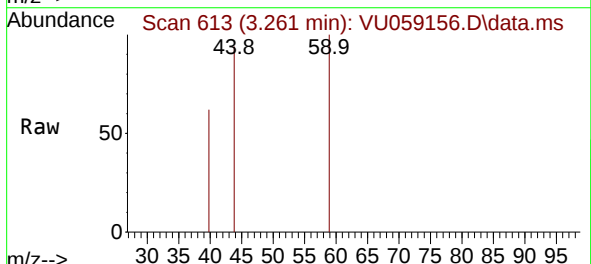
Tgt Ion: 59 Resp: 2332
Ion Ratio Lower Upper
59 100
45 91.5 58.8 88.2
74 70.2 58.0 87.0

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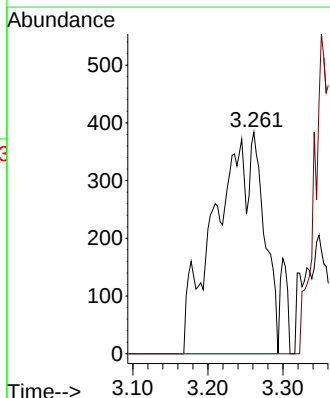
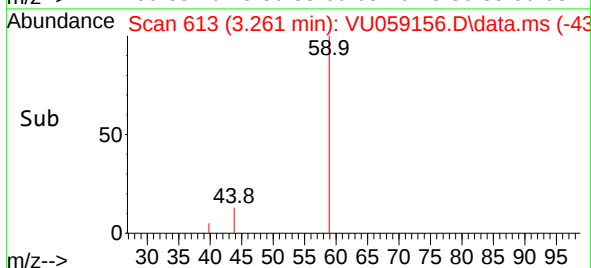
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

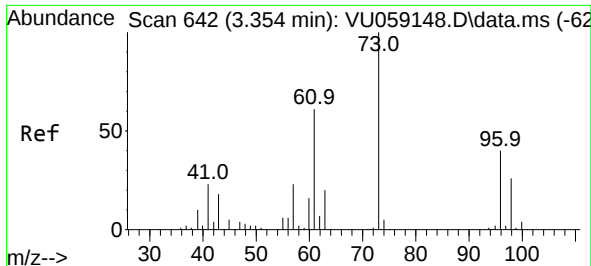


#24
tert-Butyl Alcohol
Concen: 2.776 ug/l m
RT: 3.261 min Scan# 613
Delta R.T. 0.065 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26



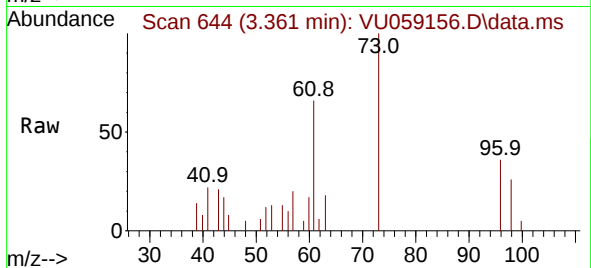
Tgt Ion: 59 Resp: 1723
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#





#25
Methyl tert-Butyl Ether
Concen: 0.257 ug/l
RT: 3.361 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

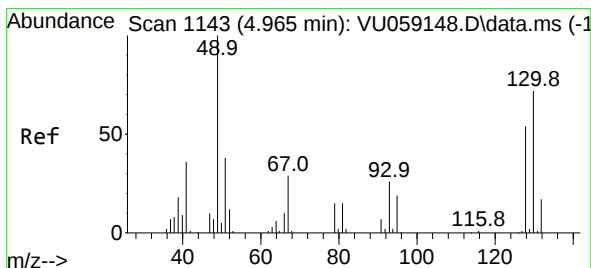
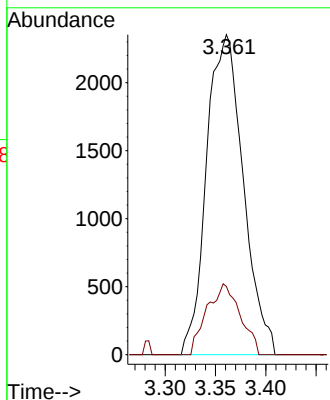
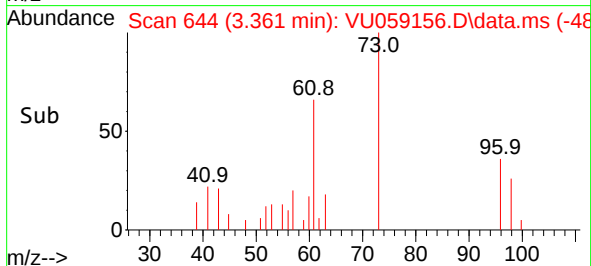
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



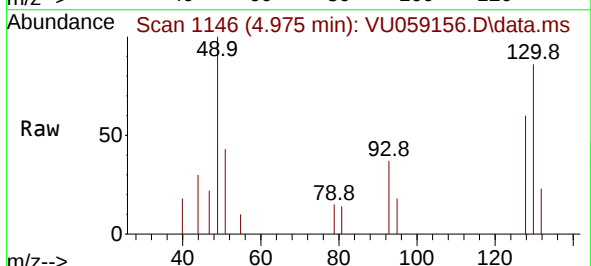
Tgt Ion: 73 Resp: 5960
Ion Ratio Lower Upper
73 100
43 20.1 15.0 22.6

Manual Integrations
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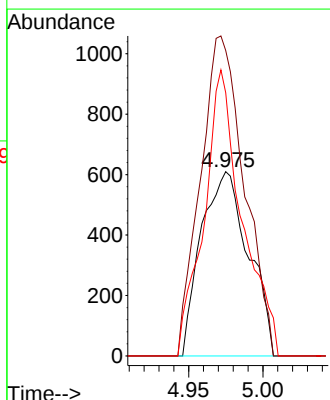
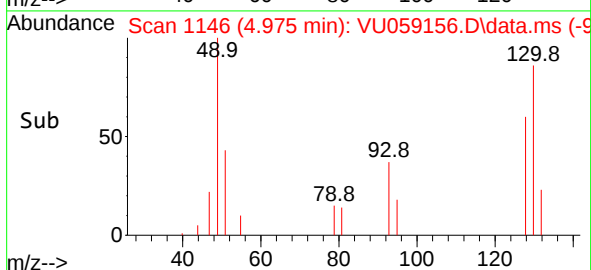
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

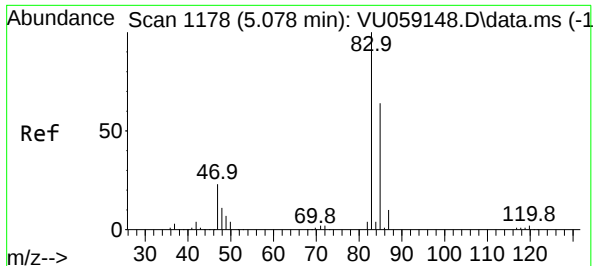


#26
Bromochloromethane
Concen: 0.279 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.010 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26



Tgt Ion:128 Resp: 1350
Ion Ratio Lower Upper
128 100
49 161.0 0.0 371.2
130 124.8 104.1 156.1





#27

Chloroform

Concen: 0.269 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 83 Resp: 5970

Ion Ratio Lower Upper

83 100

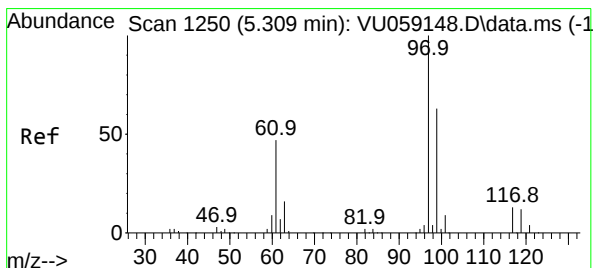
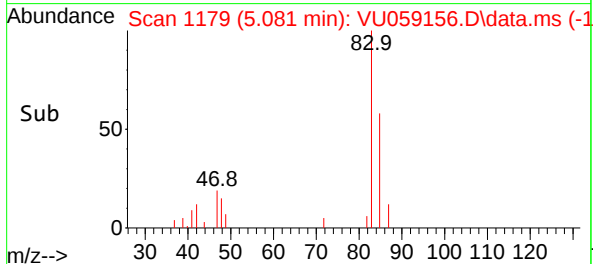
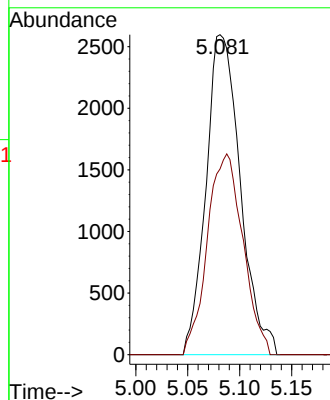
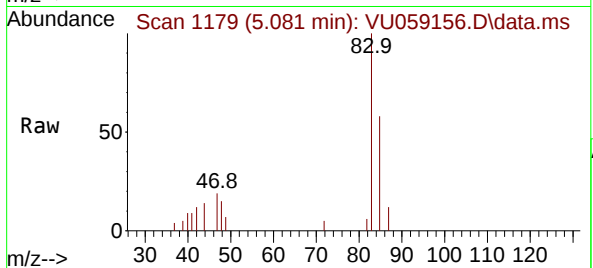
85 58.1 0.0 127.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#28

1,1,1-Trichloroethane

Concen: 0.269 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

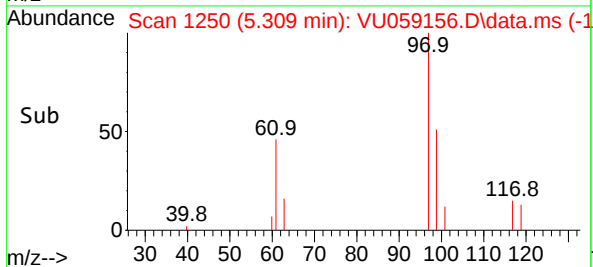
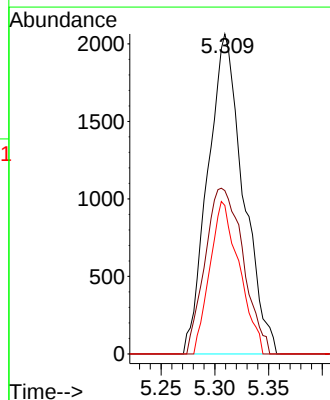
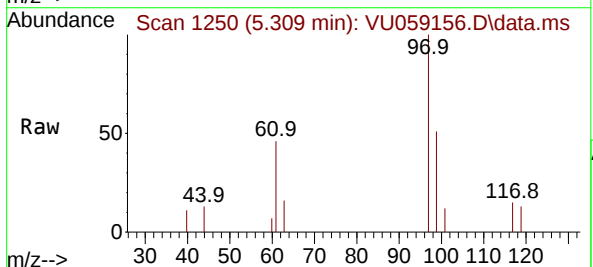
Tgt Ion: 97 Resp: 4714

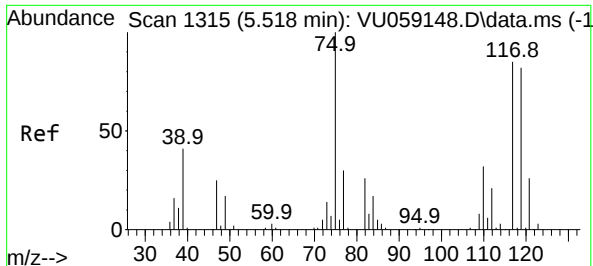
Ion Ratio Lower Upper

97 100

99 55.7 32.0 96.0

61 39.8 23.9 71.7





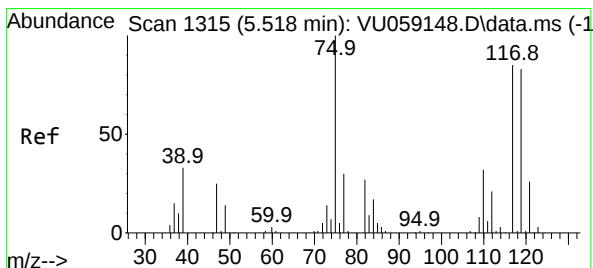
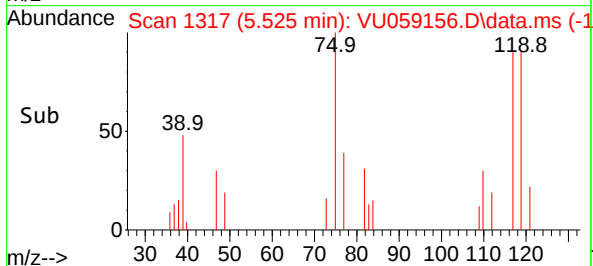
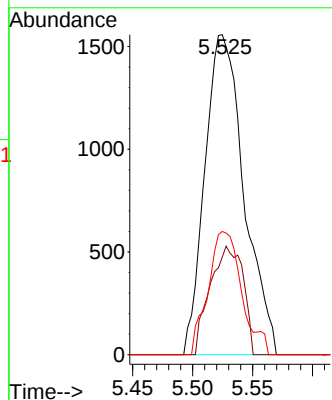
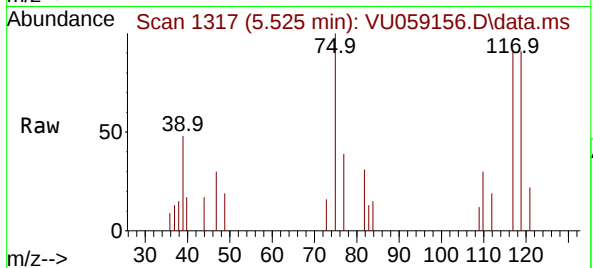
#29
1,1-Dichloropropene
Concen: 0.241 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 75 Resp: 353
Ion Ratio Lower Upper
75 100
110 28.5 17.0 50.9
77 33.0 24.6 36.8

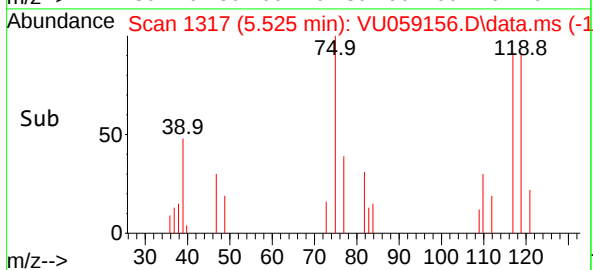
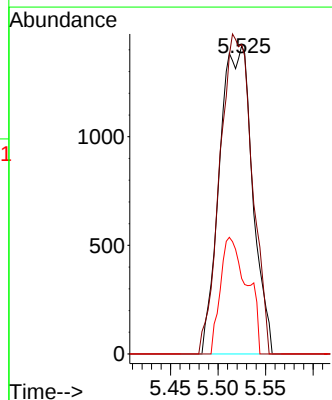
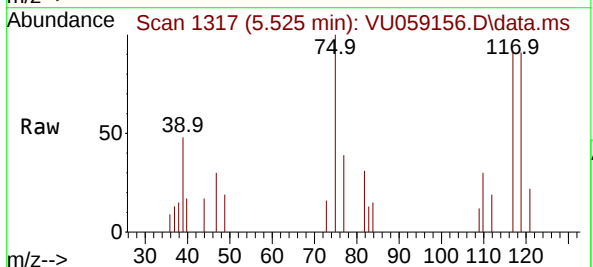
Manual Integrations
APPROVED

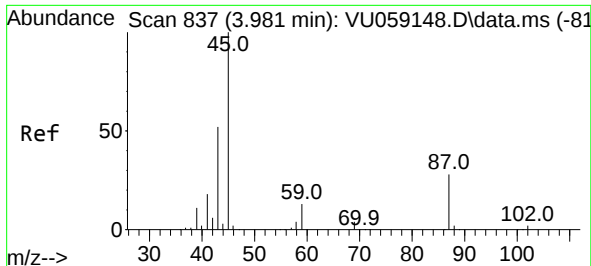
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#30
Carbon Tetrachloride
Concen: 0.237 ug/l m
RT: 5.525 min Scan# 1317
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion:117 Resp: 3404
Ion Ratio Lower Upper
117 100
119 100.5 77.5 116.3
121 24.5 24.6 37.0#





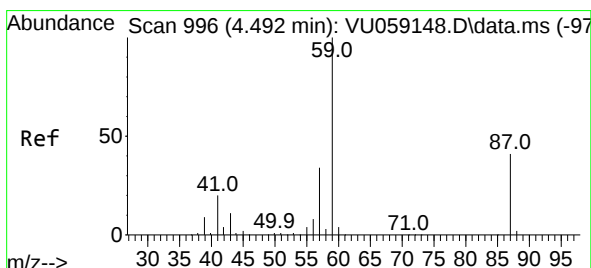
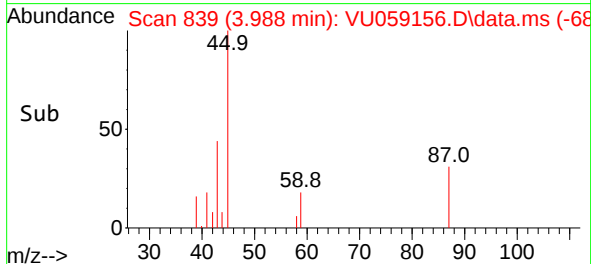
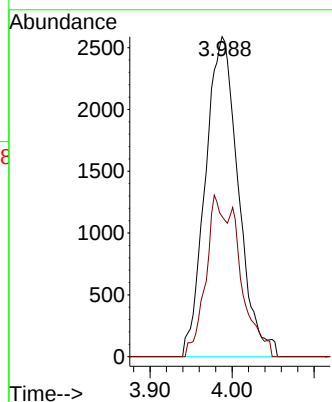
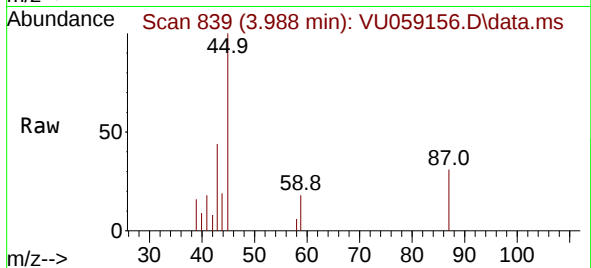
#31
Isopropyl Ether
Concen: 0.250 ug/l
RT: 3.988 min Scan# 81
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 45 Resp: 723
Ion Ratio Lower Upper
45 100
43 30.6 26.1 78.3

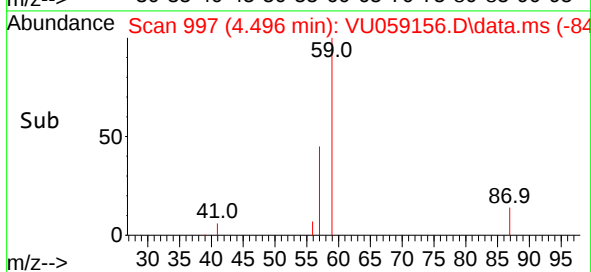
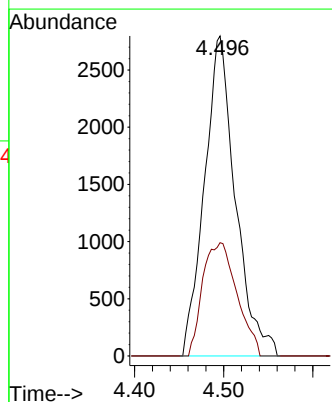
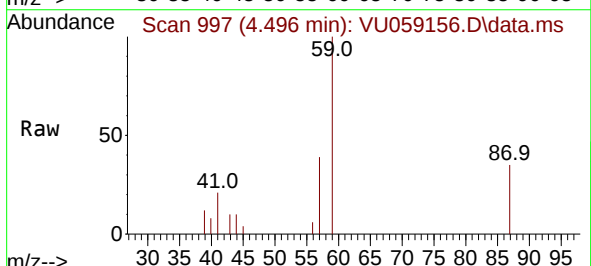
Manual Integrations
APPROVED

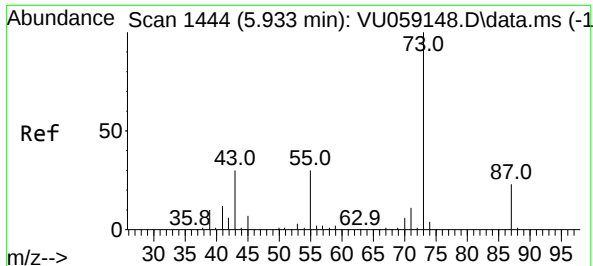
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#32
Ethyl-t-butyl ether
Concen: 0.250 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

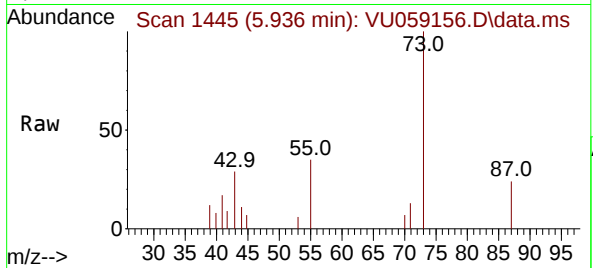
Tgt Ion: 59 Resp: 6752
Ion Ratio Lower Upper
59 100
87 39.2 32.2 48.4





#33
Tert-Amyl methyl ether
Concen: 0.221 ug/l
RT: 5.936 min Scan# 1444
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

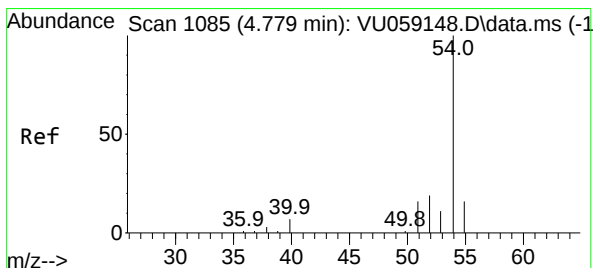
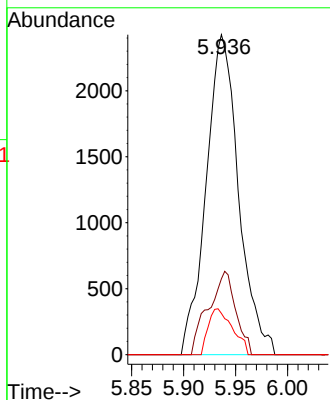
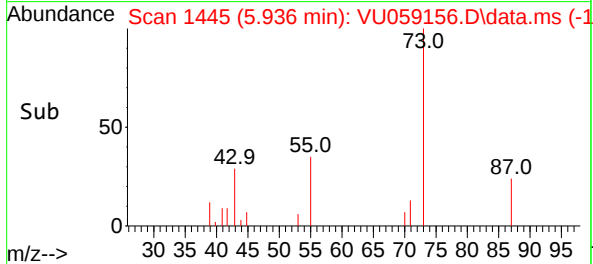
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 73 Resp: 526
Ion Ratio Lower Upper
73 100
87 22.0 18.6 27.8
71 10.7 9.1 13.7

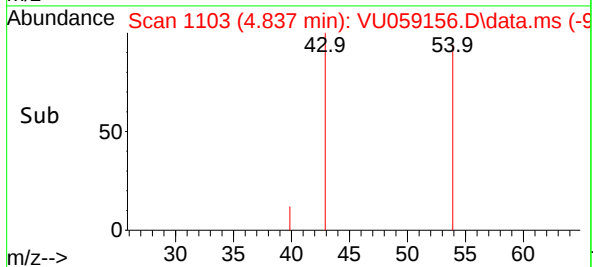
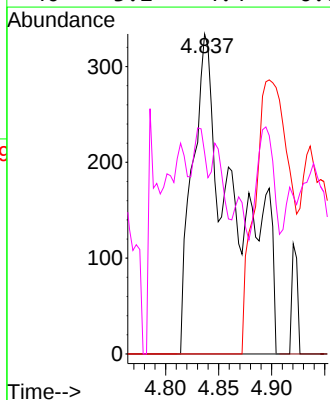
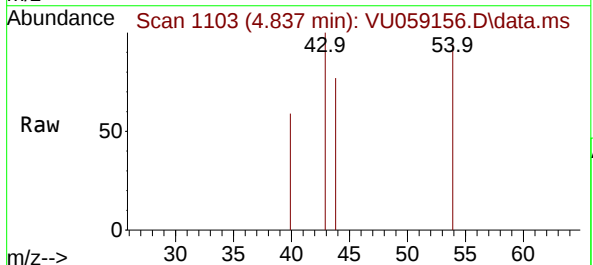
Manual Integrations
APPROVED

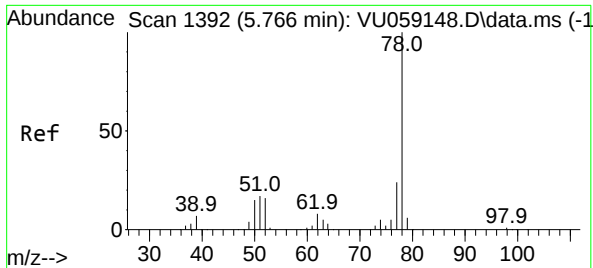
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#34
Propionitrile
Concen: 1.100 ug/l m
RT: 4.837 min Scan# 1103
Delta R.T. 0.058 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion: 54 Resp: 929
Ion Ratio Lower Upper
54 100
52 0.0 15.2 22.8#
55 0.0 12.4 18.6#
40 3.2 4.4 6.6#





#35

Benzene

Concen: 0.239 ug/l

RT: 5.772 min Scan# 1105

Delta R.T. 0.007 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 78 Resp: 1105

Ion Ratio Lower Upper

78 100

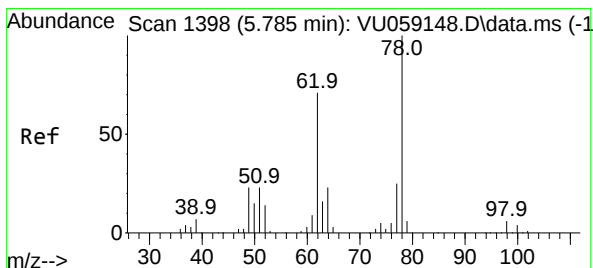
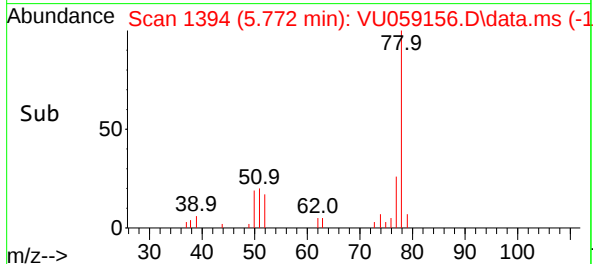
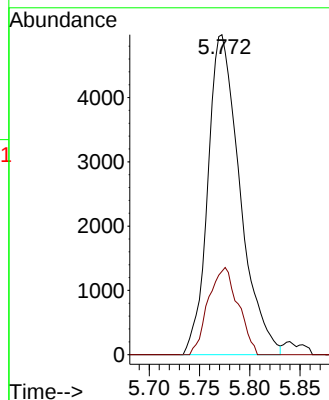
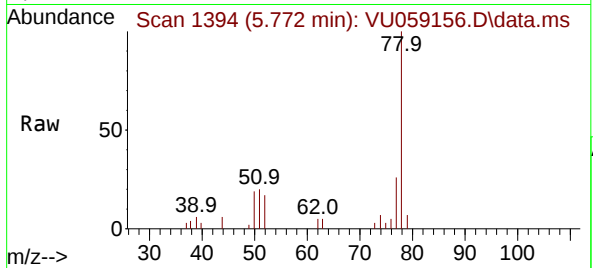
77 26.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#36

1,2-Dichloroethane

Concen: 0.258 ug/l

RT: 5.798 min Scan# 1402

Delta R.T. 0.013 min

Lab File: VU059156.D

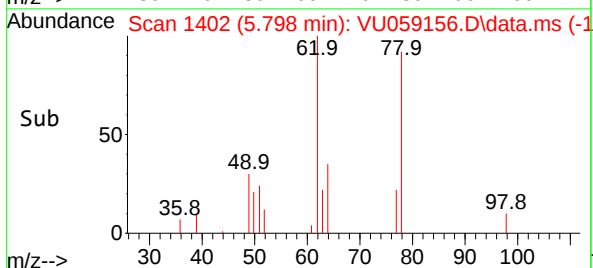
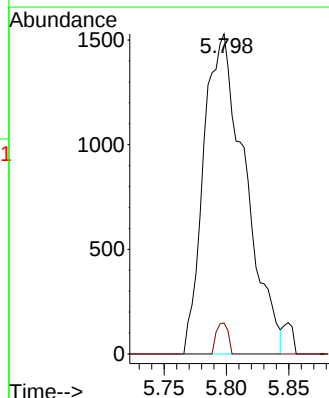
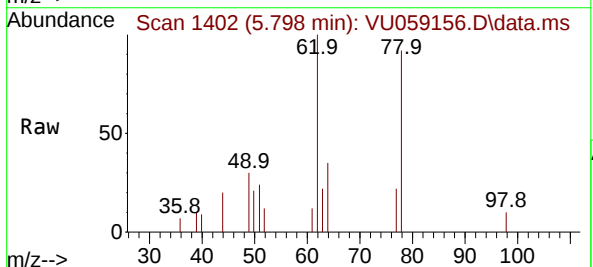
Acq: 05 Jun 2024 18:26

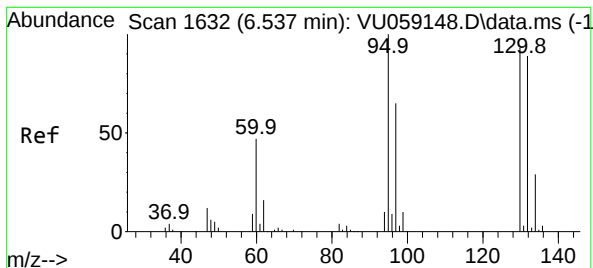
Tgt Ion: 62 Resp: 3529

Ion Ratio Lower Upper

62 100

98 2.8 6.7 10.1#





#37

Trichloroethene

Concen: 0.284 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:130 Resp: 3120

Ion Ratio Lower Upper

130 100

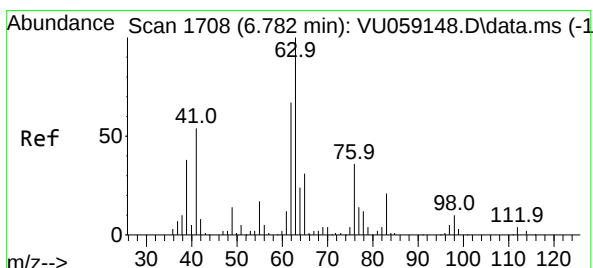
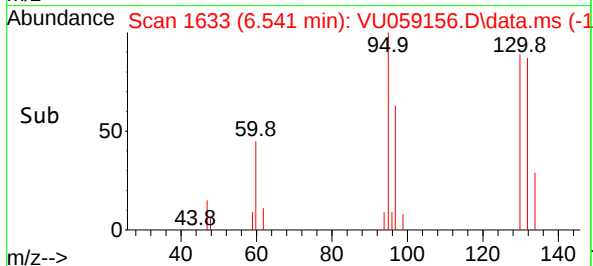
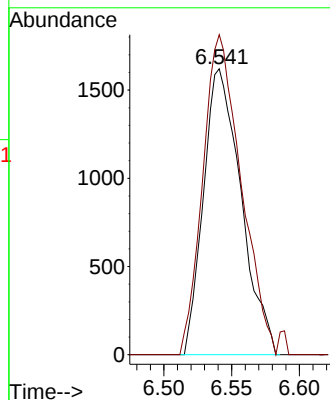
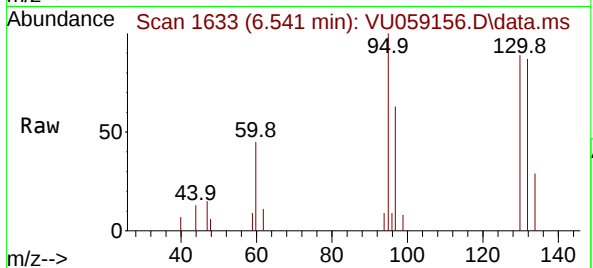
95 111.9 85.6 128.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#38

1,2-Dichloropropane

Concen: 0.241 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU059156.D

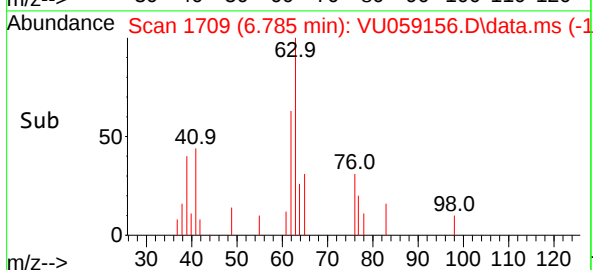
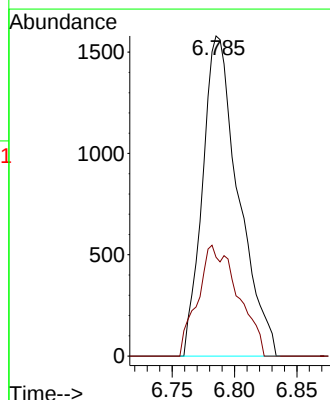
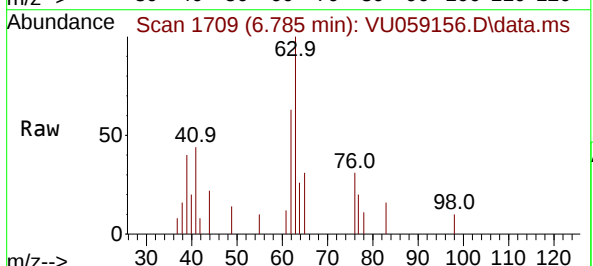
Acq: 05 Jun 2024 18:26

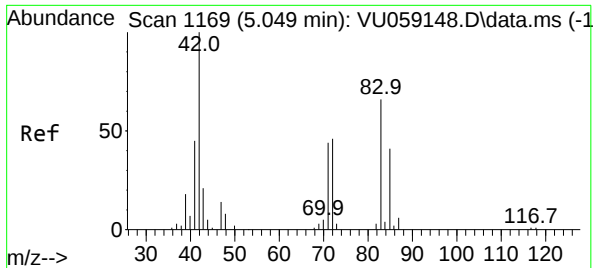
Tgt Ion: 63 Resp: 3161

Ion Ratio Lower Upper

63 100

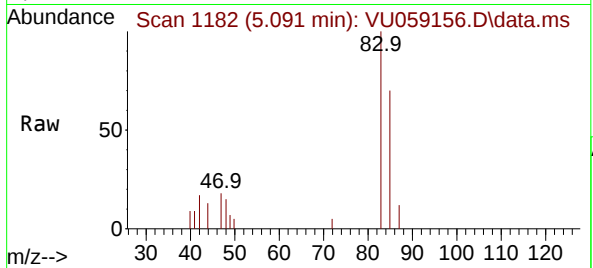
65 30.9 24.6 37.0





#41
Tetrahydrofuran
Concen: 0.511 ug/l m
RT: 5.091 min Scan# 1169
Delta R.T. 0.042 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

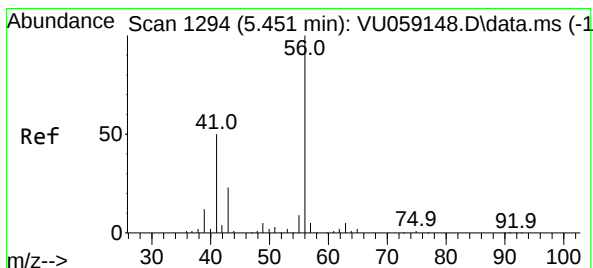
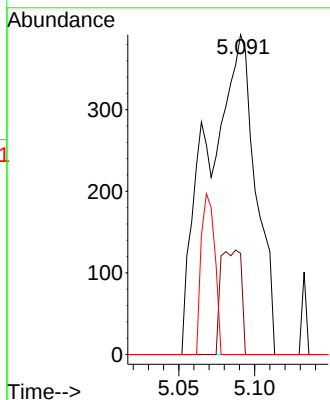
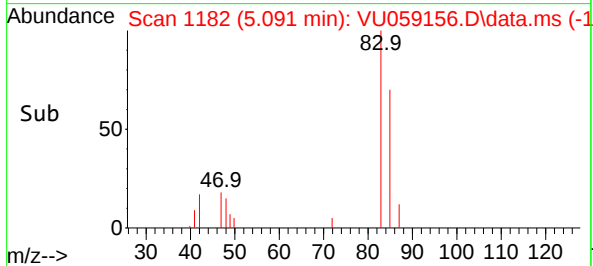
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



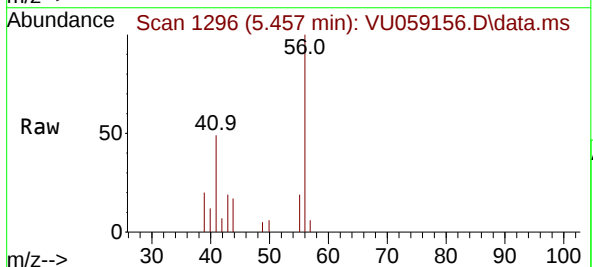
Tgt Ion: 42 Resp: 86
Ion Ratio Lower Upper
42 100
72 13.9 40.7 61.1
71 0.0 36.5 54.7

Manual Integrations
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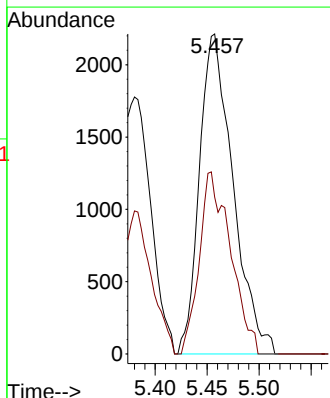
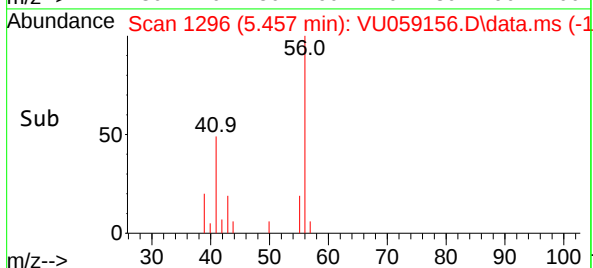
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

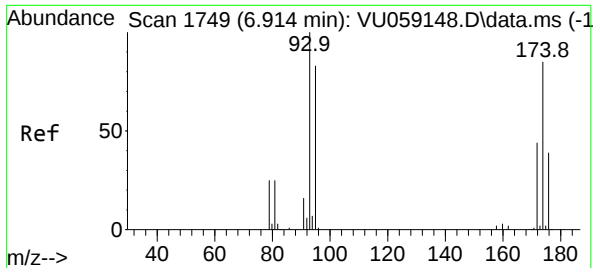


#42
1-Chlorobutane
Concen: 0.245 ug/l
RT: 5.457 min Scan# 1296
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26



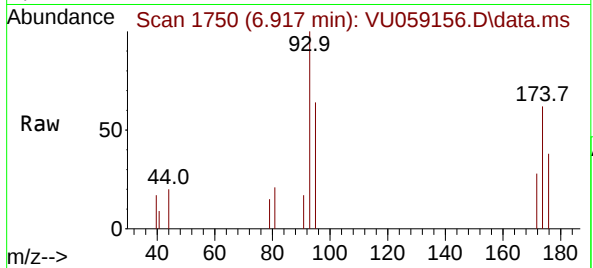
Tgt Ion: 56 Resp: 4975
Ion Ratio Lower Upper
56 100
41 52.9 25.7 77.1





#43
Dibromomethane
Concen: 0.308 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

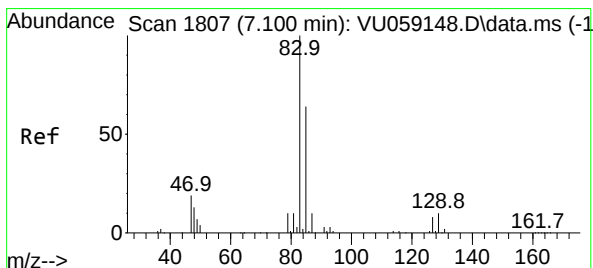
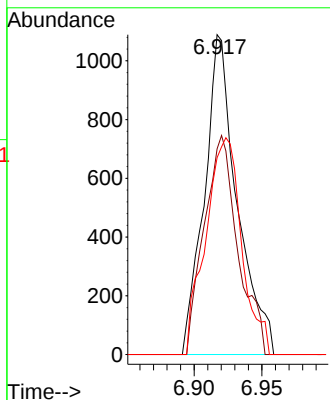
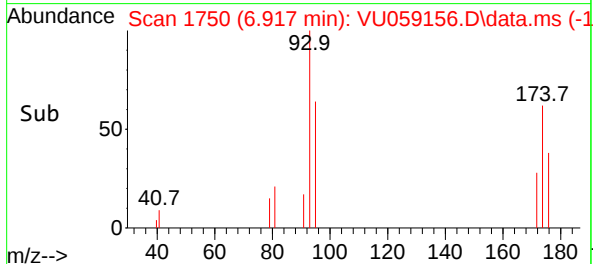
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 93 Resp: 182
Ion Ratio Lower Upper
93 100
95 70.5 66.1 99.1
174 74.6 67.2 100.8

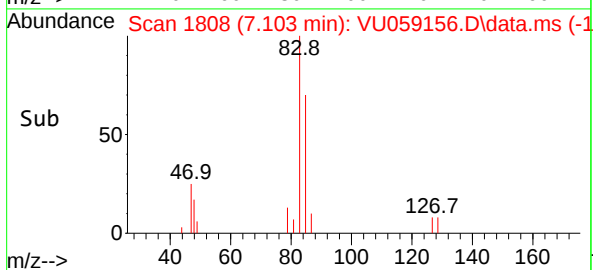
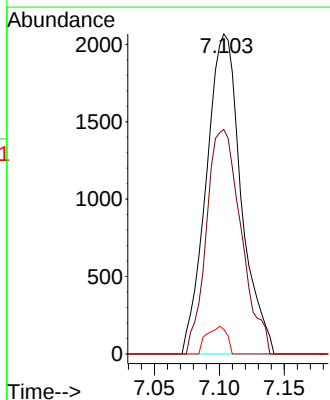
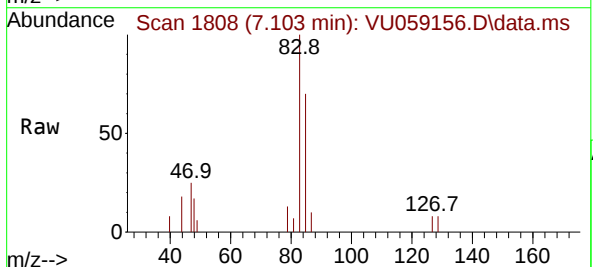
Manual Integrations
APPROVED

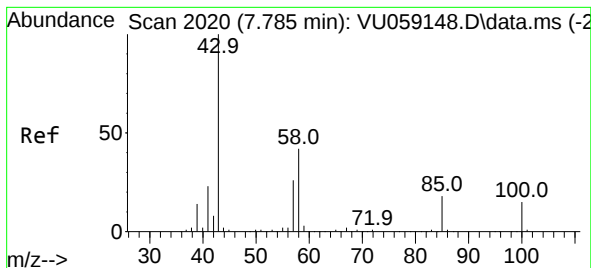
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#44
Bromodichloromethane
Concen: 0.250 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion: 83 Resp: 3851
Ion Ratio Lower Upper
83 100
85 70.1 51.0 76.4
127 7.7 6.4 9.6





#45

4-Methyl-2-Pentanone

Concen: 1.264 ug/l

RT: 7.795 min Scan# 2020

Delta R.T. 0.010 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

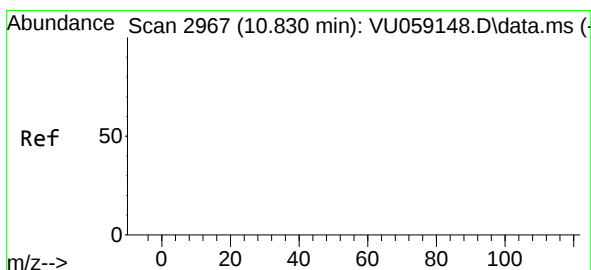
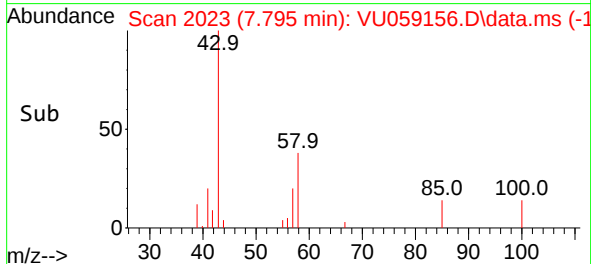
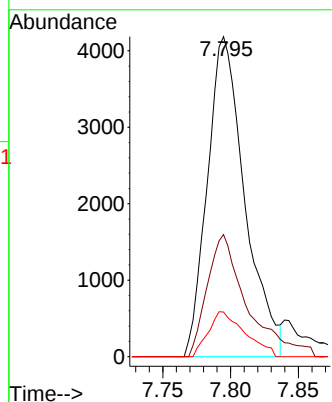
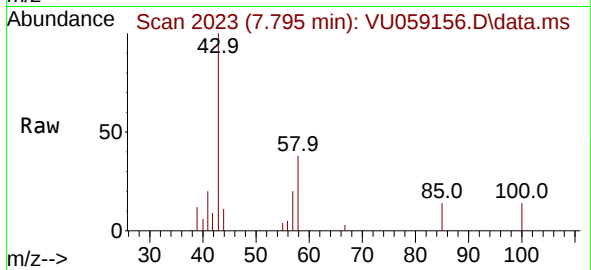
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	43	Resp:	804
Ion	Ratio	Lower	Upper
43	100		
58	40.6	21.1	63.3
85	13.8	14.6	22.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#46

t-1,4-Dichloro-2-butene

Concen: 0.533 ug/l m

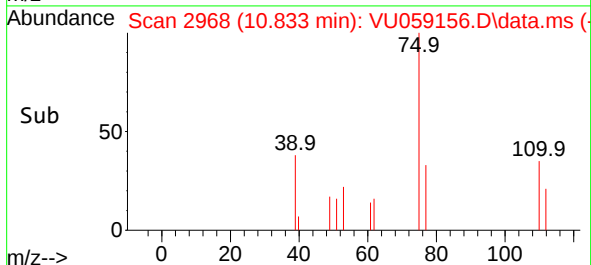
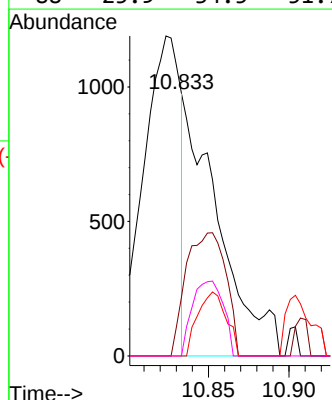
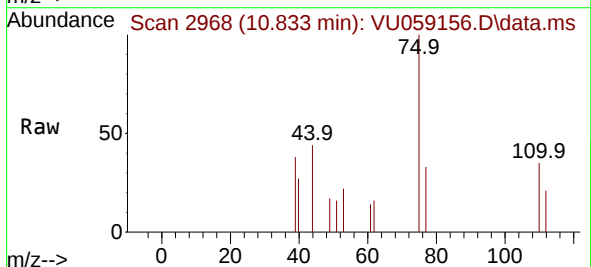
RT: 10.833 min Scan# 2968

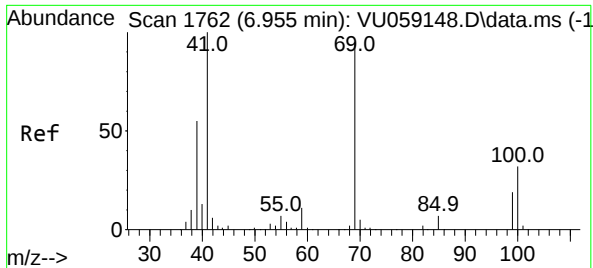
Delta R.T. 0.003 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

Tgt Ion:	75	Resp:	1438
Ion	Ratio	Lower	Upper
75	100		
53	54.5	72.2	108.4#
89	20.2	47.0	70.4#
88	25.9	34.5	51.7#





#47

Methyl methacrylate

Concen: 0.349 ug/l

RT: 6.968 min Scan# 1766

Delta R.T. 0.013 min

Lab File: VU059156.D

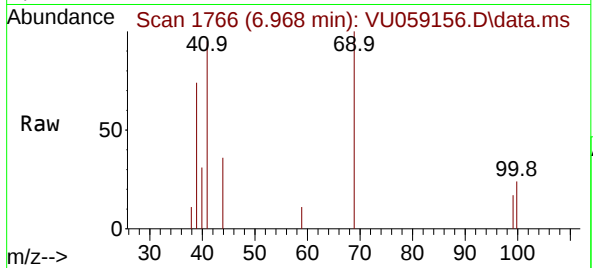
Acq: 05 Jun 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 69 Resp: 1779

Ion Ratio Lower Upper

69 100

41 127.8 0.0 208.8

39 87.6 46.0 69.0

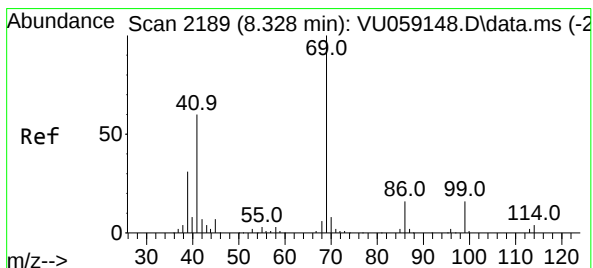
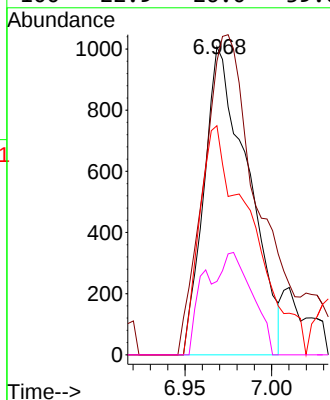
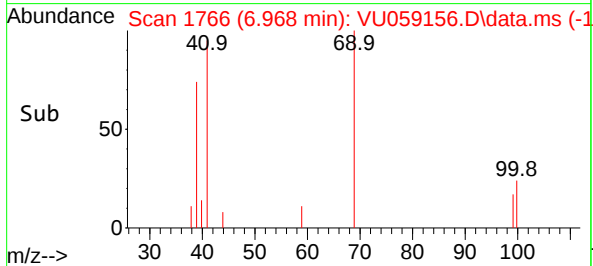
100 22.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#48

Ethyl methacrylate

Concen: 0.207 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VU059156.D

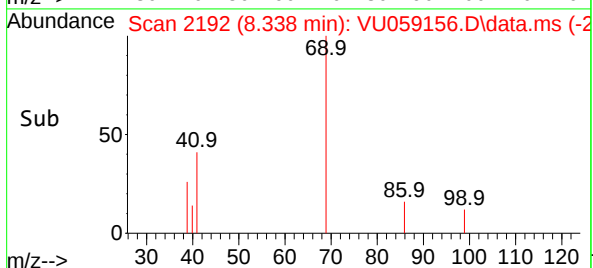
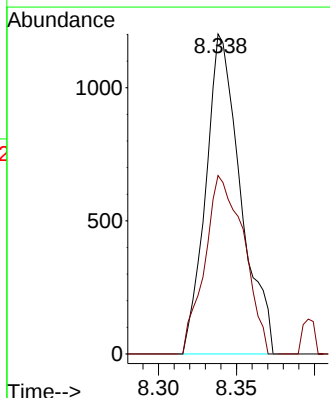
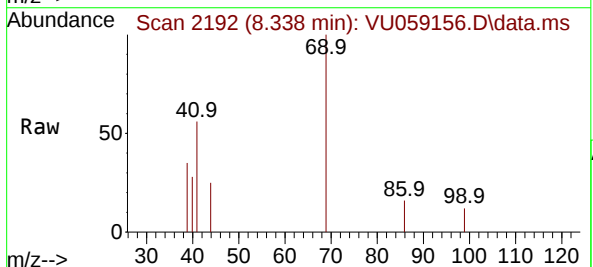
Acq: 05 Jun 2024 18:26

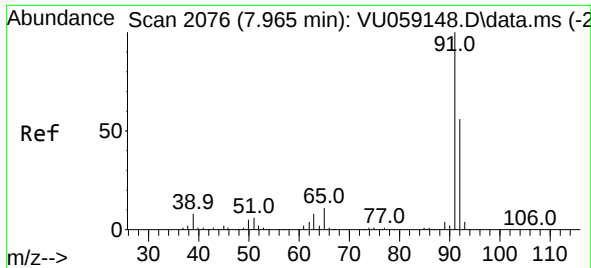
Tgt Ion: 69 Resp: 1864

Ion Ratio Lower Upper

69 100

41 62.7 30.2 90.6





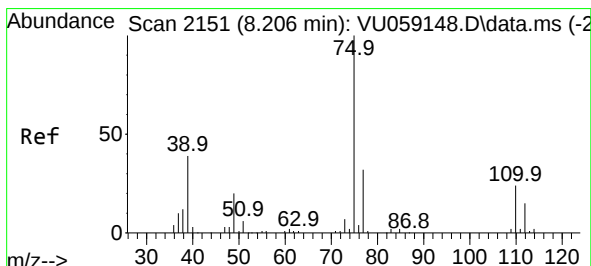
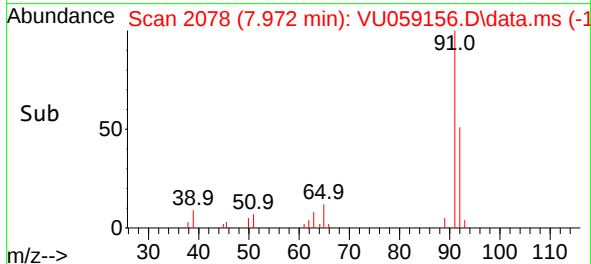
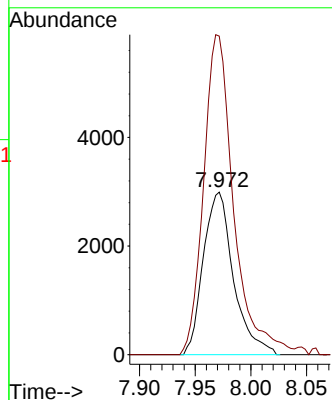
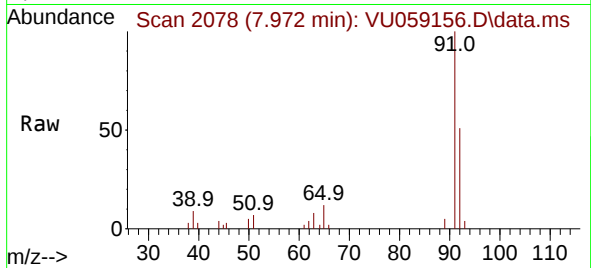
#49
Toluene
Concen: 0.222 ug/l
RT: 7.972 min Scan# 2076
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 92 Resp: 5652
Ion Ratio Lower Upper
92 100
91 195.7 143.4 215.0

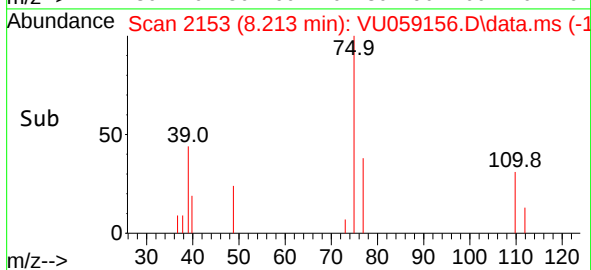
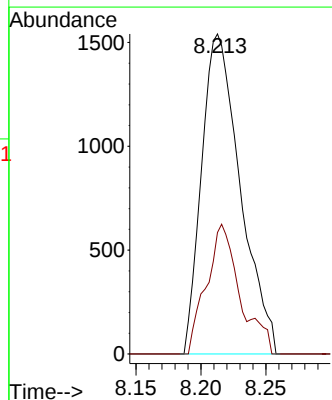
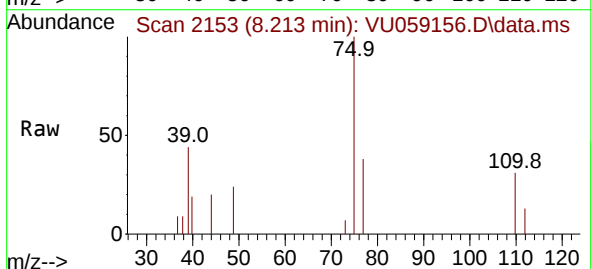
Manual Integrations
APPROVED

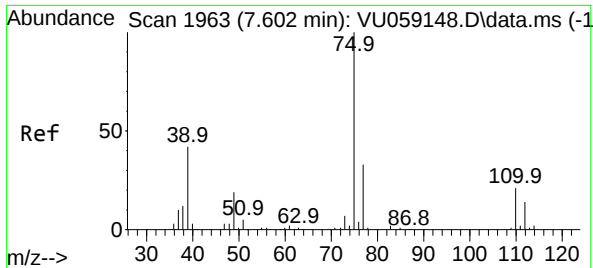
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#50
t-1,3-Dichloropropene
Concen: 0.242 ug/l
RT: 8.213 min Scan# 2153
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion: 75 Resp: 3189
Ion Ratio Lower Upper
75 100
77 38.0 25.3 37.9





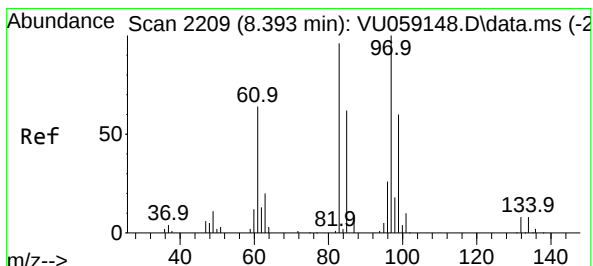
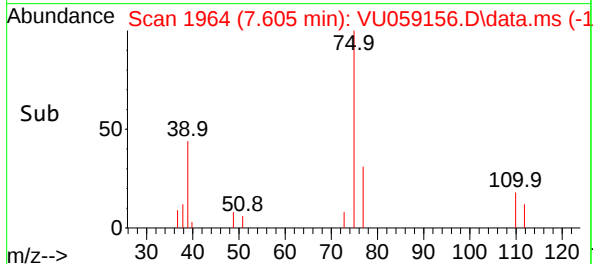
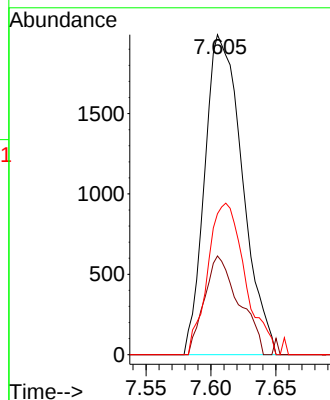
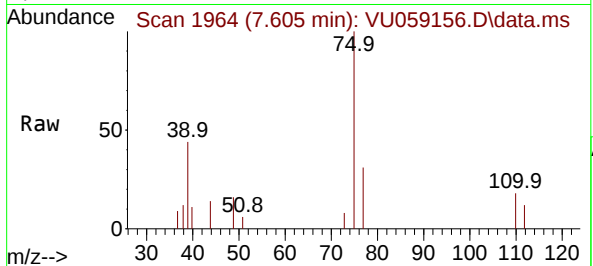
#51
 cis-1,3-Dichloropropene
 Concen: 0.249 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU059156.D
 Acq: 05 Jun 2024 18:26

Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 75 Resp: 401
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.0 39.0
 39 44.0 33.2 49.8

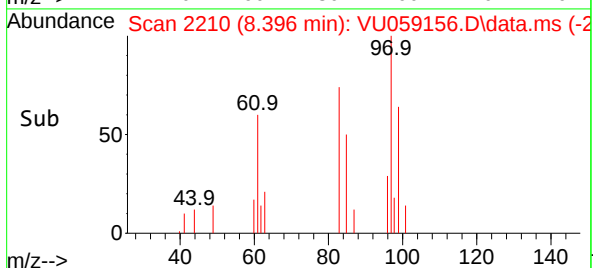
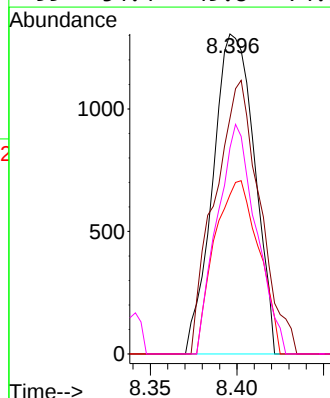
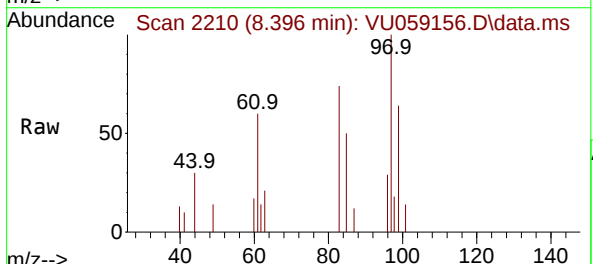
Manual Integrations
 APPROVED

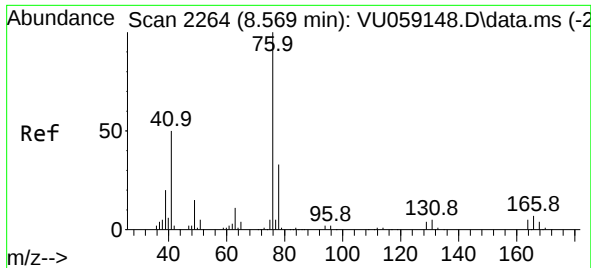
Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.249 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU059156.D
 Acq: 05 Jun 2024 18:26

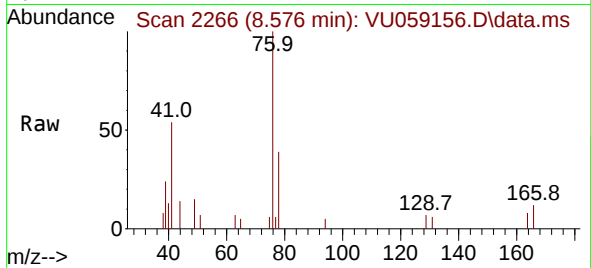
Tgt Ion: 97 Resp: 2181
 Ion Ratio Lower Upper
 97 100
 83 62.2 76.4 114.6#
 85 42.0 49.6 74.4#
 99 54.4 49.8 74.8





#53
1,3-Dichloropropane
Concen: 0.264 ug/l
RT: 8.576 min Scan# 2104
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

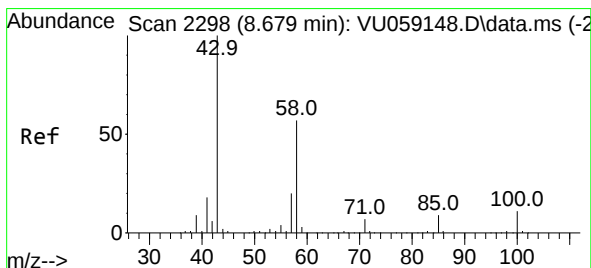
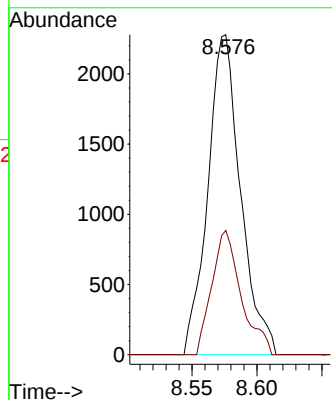
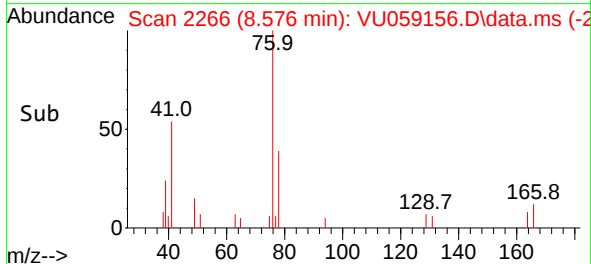
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



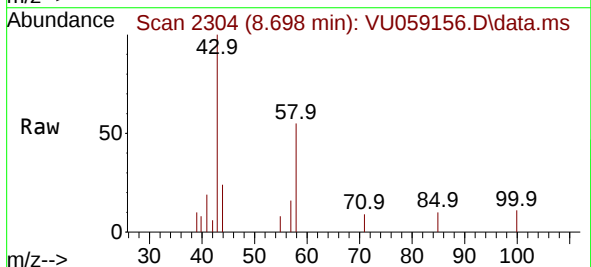
Tgt Ion: 76 Resp: 3992
Ion Ratio Lower Upper
76 100
78 34.8 25.4 38.2

Manual Integrations
APPROVED

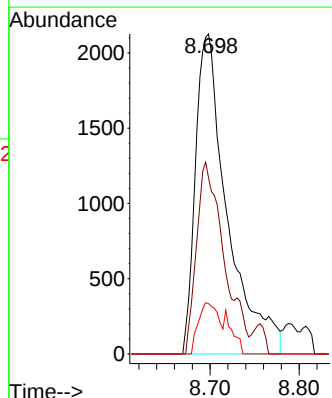
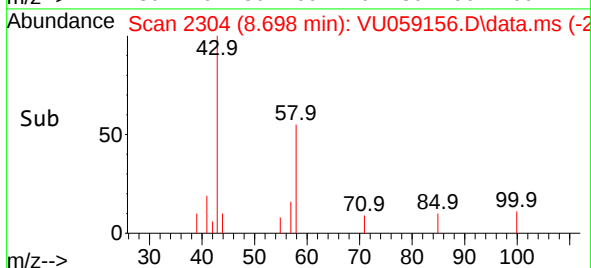
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

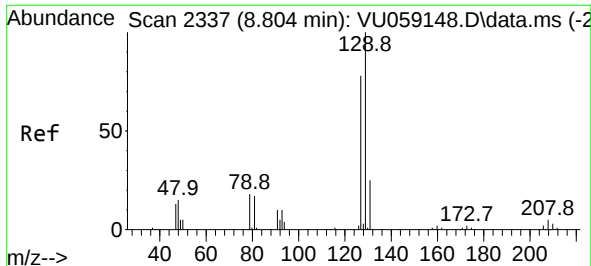


#54
2-Hexanone
Concen: 1.070 ug/l
RT: 8.698 min Scan# 2304
Delta R.T. 0.019 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26



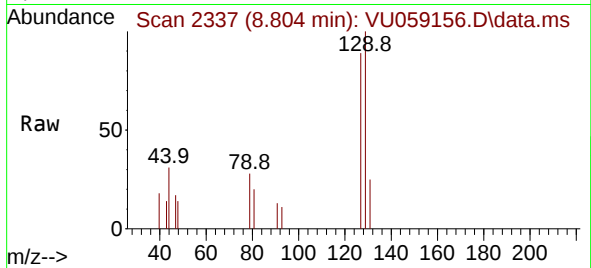
Tgt Ion: 43 Resp: 5276
Ion Ratio Lower Upper
43 100
58 51.6 38.6 78.6
57 10.3 0.0 39.5





#55
Dibromochloromethane
Concen: 0.235 ug/l
RT: 8.804 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

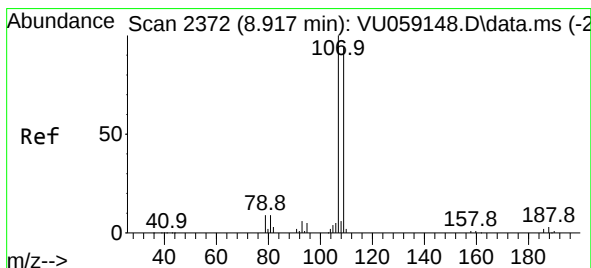
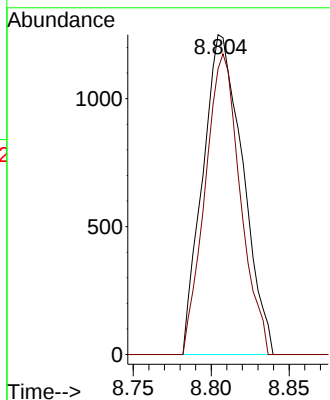
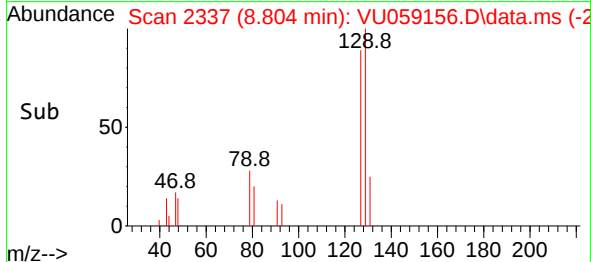
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



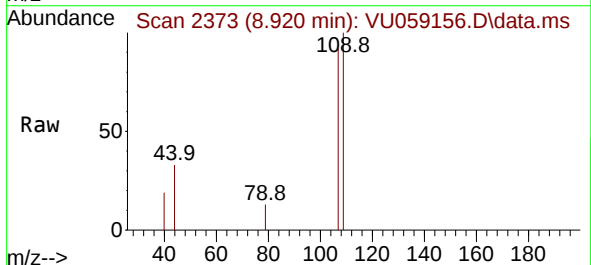
Tgt Ion:129 Resp: 223
Ion Ratio Lower Upper
129 100
127 82.6 61.9 92.9

Manual Integrations
APPROVED

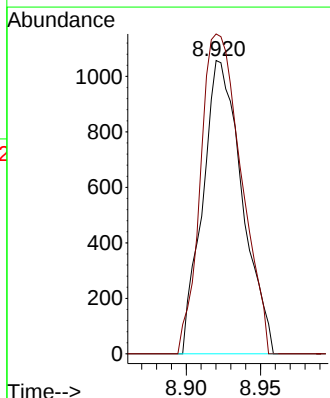
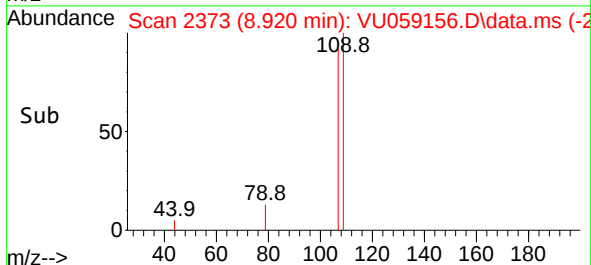
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

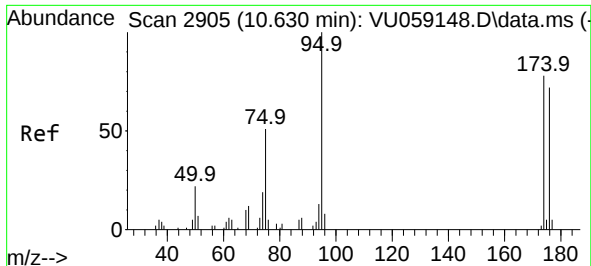


#56
1,2-Dibromoethane
Concen: 0.254 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26



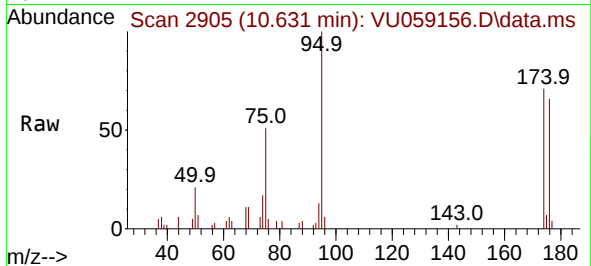
Tgt Ion:107 Resp: 1954
Ion Ratio Lower Upper
107 100
109 112.7 0.0 188.2





#57
4-Bromofluorobenzene
Concen: 0.899 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

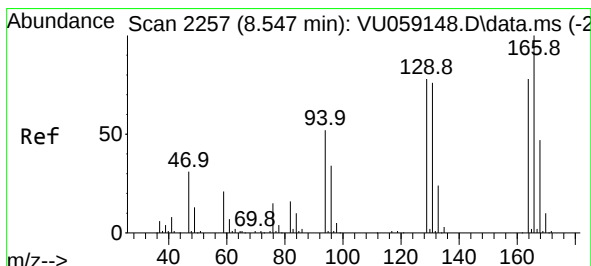
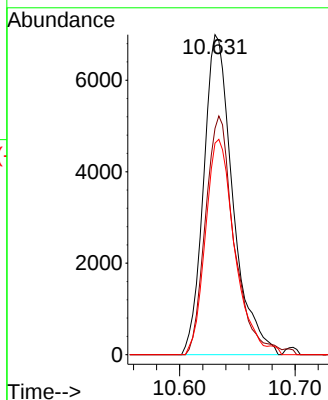
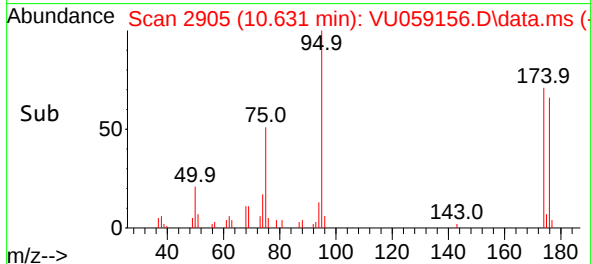
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 95 Resp: 1228
Ion Ratio Lower Upper
95 100
174 73.9 59.6 89.4
176 67.8 57.3 85.9

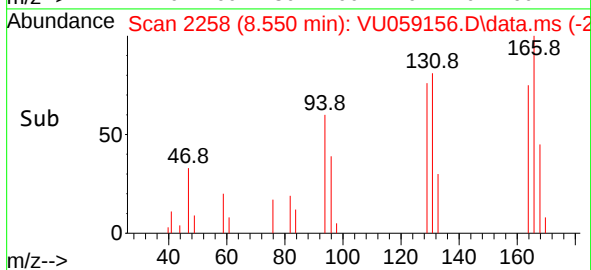
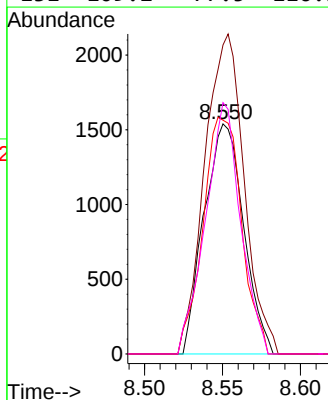
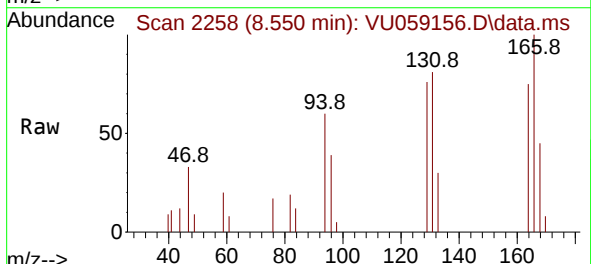
Manual Integrations
APPROVED

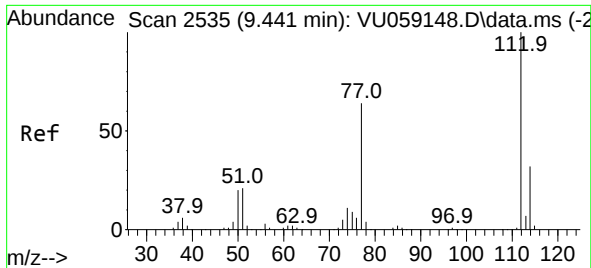
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#58
Tetrachloroethene
Concen: 0.267 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

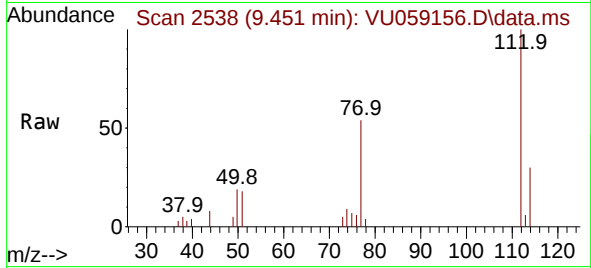
Tgt Ion:164 Resp: 2714
Ion Ratio Lower Upper
164 100
166 134.2 102.6 153.8
129 101.6 80.3 120.5
131 109.2 77.5 116.3





#59
Chlorobenzene
Concen: 0.274 ug/l
RT: 9.451 min Scan# 2538
Delta R.T. 0.010 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

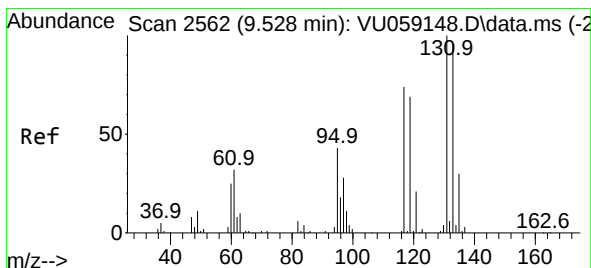
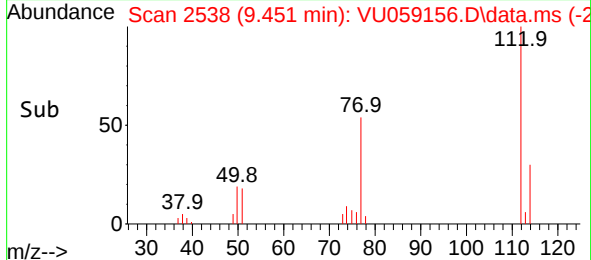
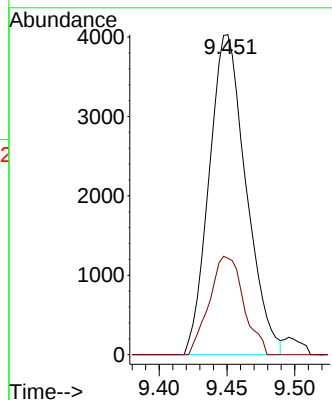
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:112 Resp: 7634
Ion Ratio Lower Upper
112 100
114 30.1 25.6 38.4

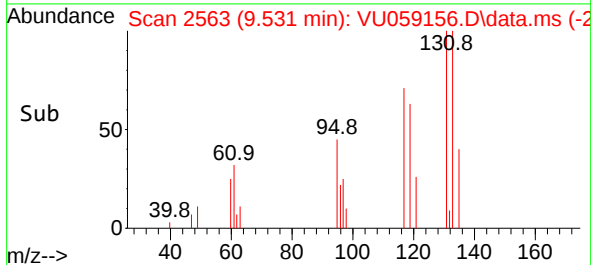
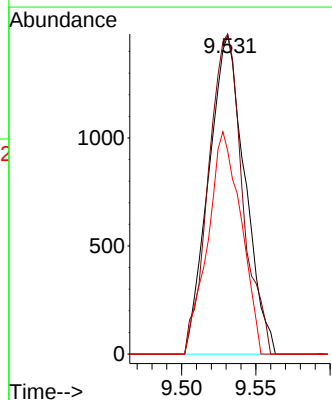
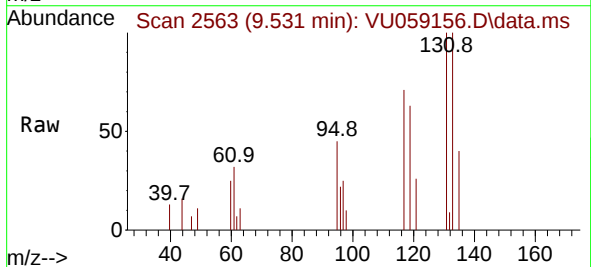
Manual Integrations
APPROVED

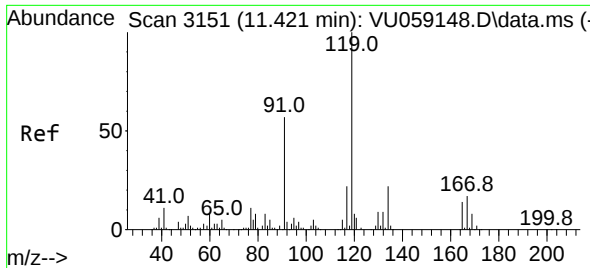
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.250 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

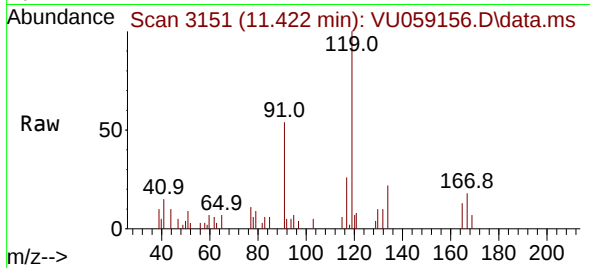
Tgt Ion:131 Resp: 2491
Ion Ratio Lower Upper
131 100
133 94.6 76.7 115.1
119 64.2 55.3 82.9





#61
Pentachloroethane
Concen: 0.239 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

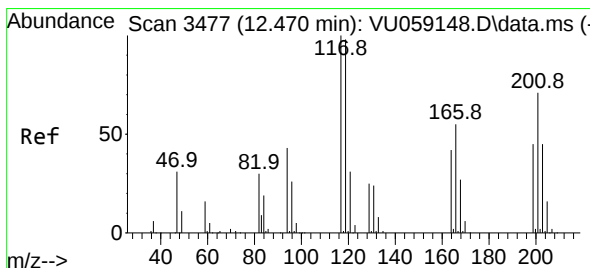
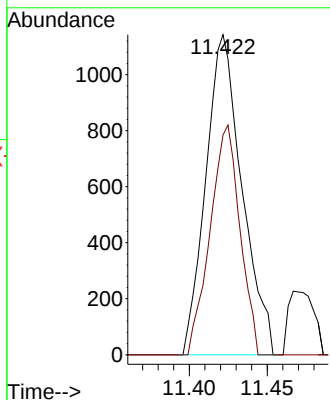
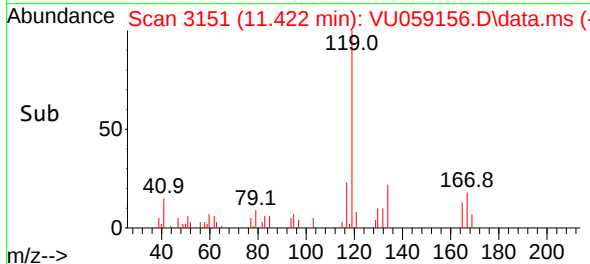
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:117 Resp: 184
Ion Ratio Lower Upper
117 100
167 59.0 58.1 87.1

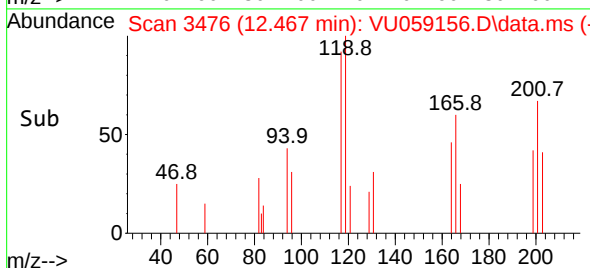
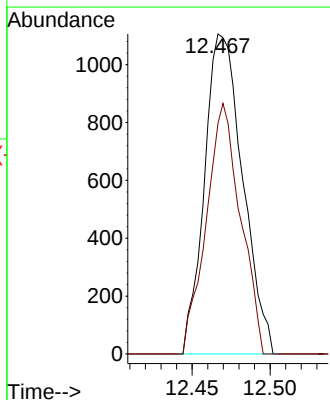
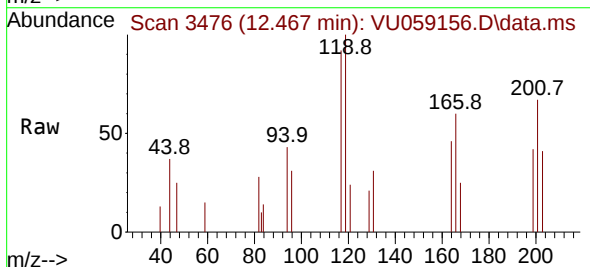
Manual Integrations
APPROVED

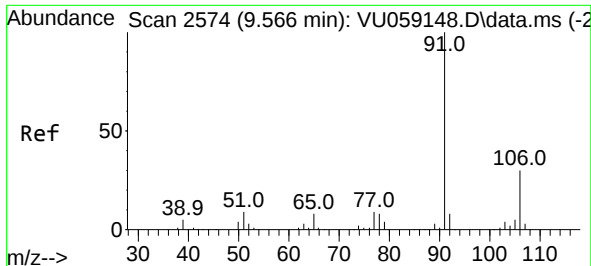
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#62
Hexachloroethane
Concen: 0.240 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion:117 Resp: 1884
Ion Ratio Lower Upper
117 100
201 70.2 55.8 83.8





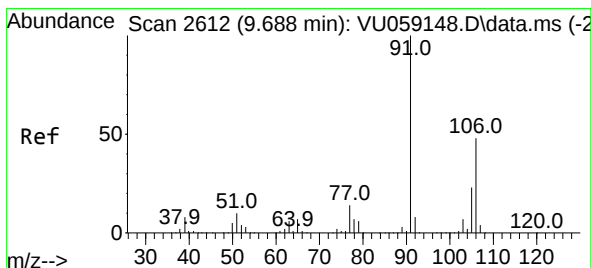
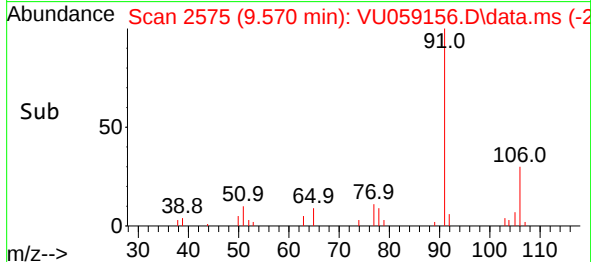
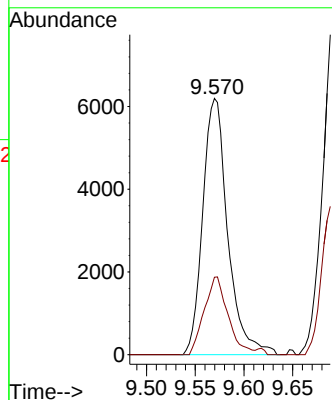
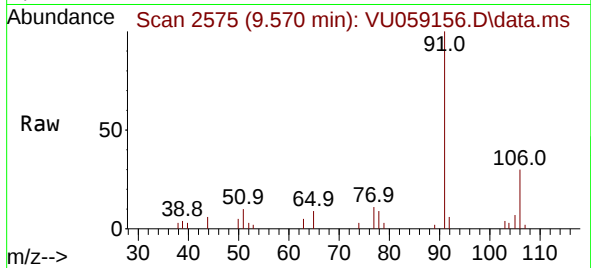
#63
Ethyl Benzene
Concen: 0.235 ug/l
RT: 9.570 min Scan# 2104
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 1104
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

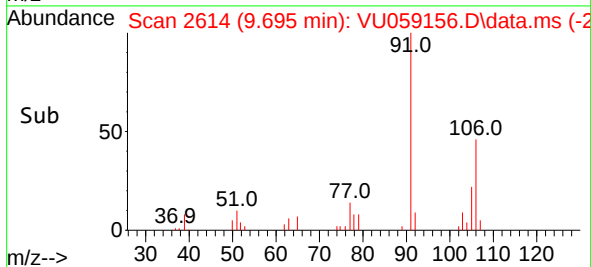
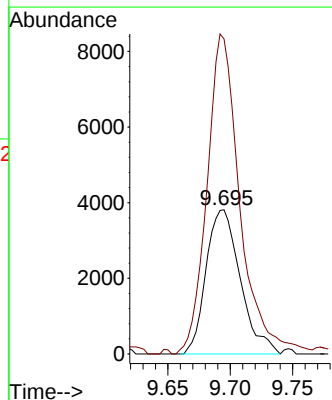
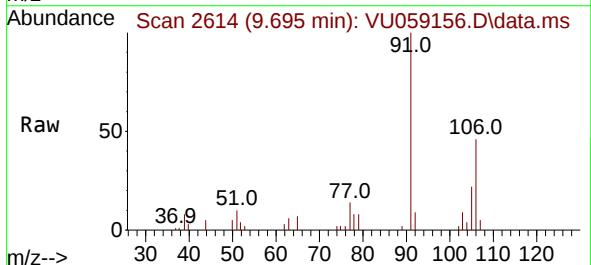
Manual Integrations
APPROVED

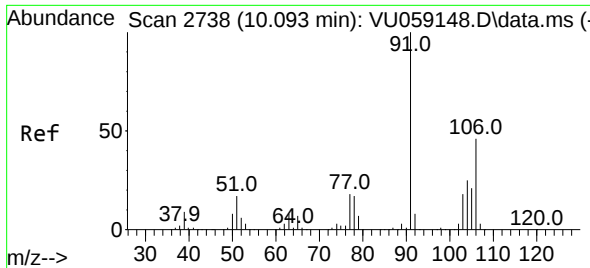
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#64
m/p-Xylenes
Concen: 0.411 ug/l
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion:106 Resp: 7285
Ion Ratio Lower Upper
106 100
91 214.0 166.4 249.6





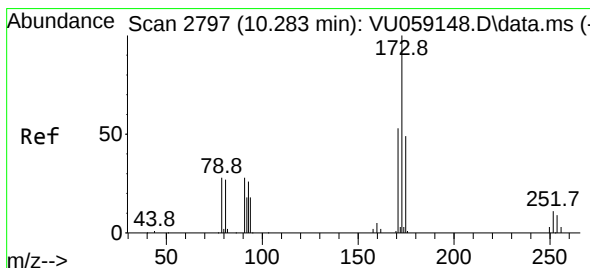
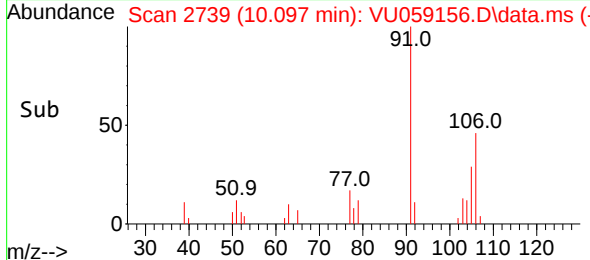
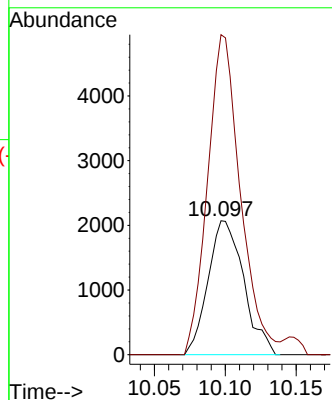
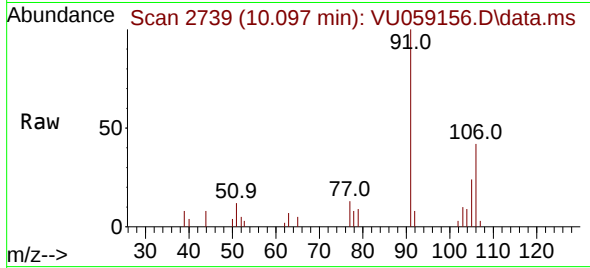
#65
o-Xylene
Concen: 0.207 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:106 Resp: 3619
Ion Ratio Lower Upper
106 100
91 220.4 110.7 332.1

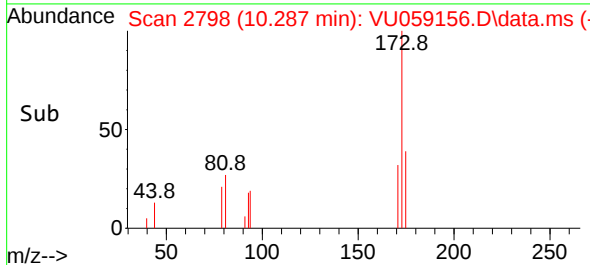
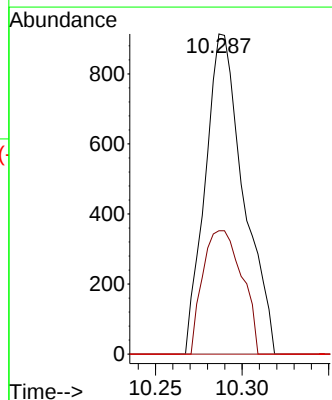
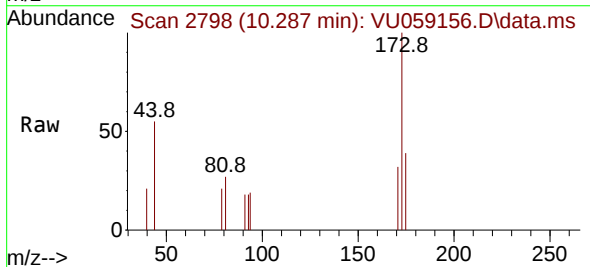
Manual Integrations
APPROVED

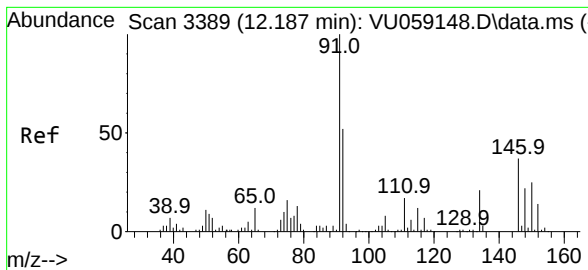
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#67
Bromoform
Concen: 0.273 ug/l
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

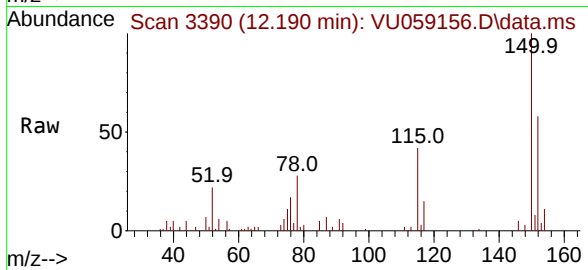
Tgt Ion:173 Resp: 1404
Ion Ratio Lower Upper
173 100
175 39.5 40.1 60.1#
254 0.0 7.0 10.4#





#68
1,2-Dichlorobenzene-d4
Concen: 0.840 ug/l
RT: 12.190 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

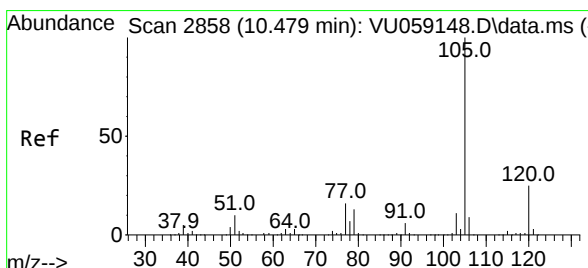
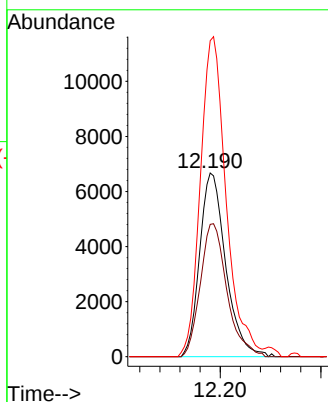
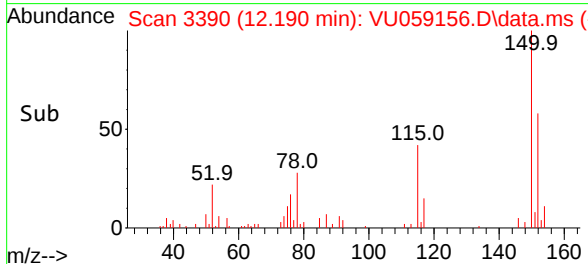
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:152 Resp: 12008
Ion Ratio Lower Upper
152 100
115 73.8 0.0 293.2
150 171.8 0.0 636.0

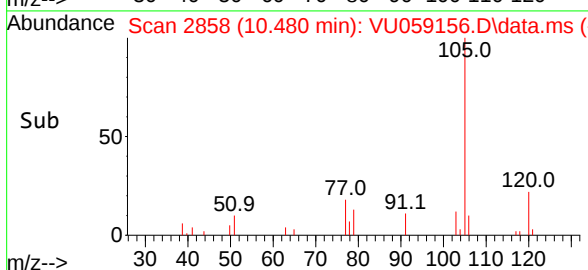
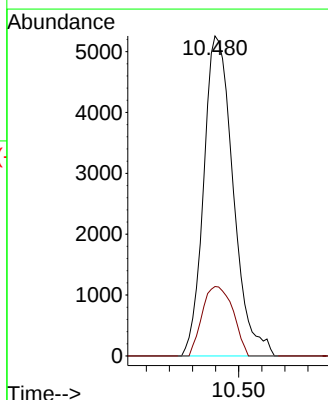
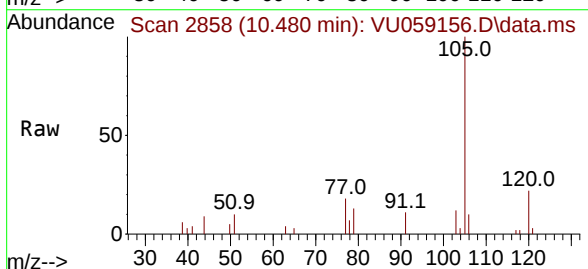
Manual Integrations
APPROVED

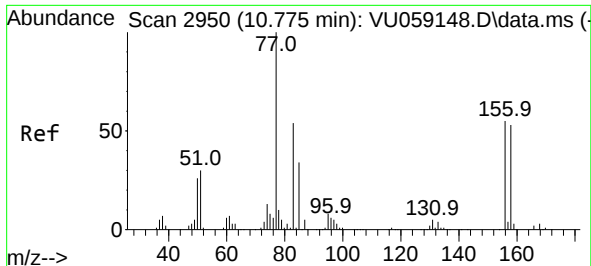
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#69
Isopropylbenzene
Concen: 0.208 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

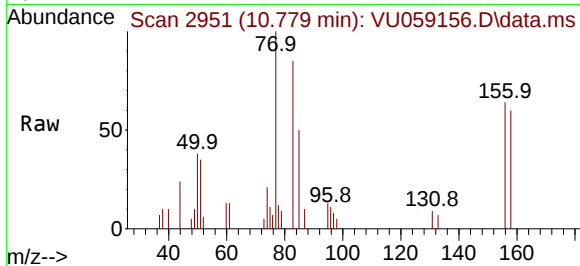
Tgt Ion:105 Resp: 9311
Ion Ratio Lower Upper
105 100
120 22.6 12.7 38.0





#70
1,1,2,2-Tetrachloroethane
Concen: 0.289 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

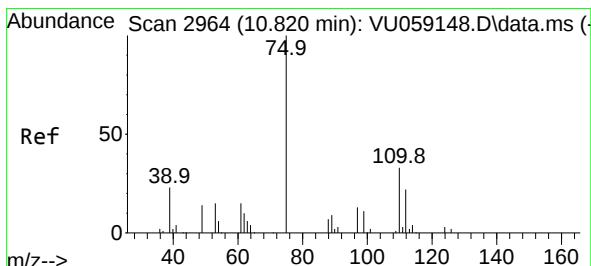
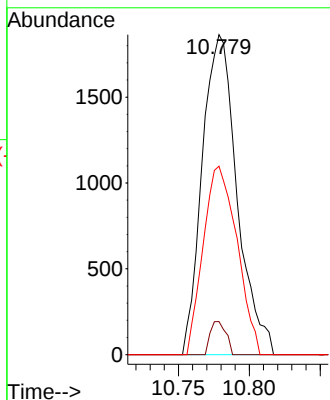
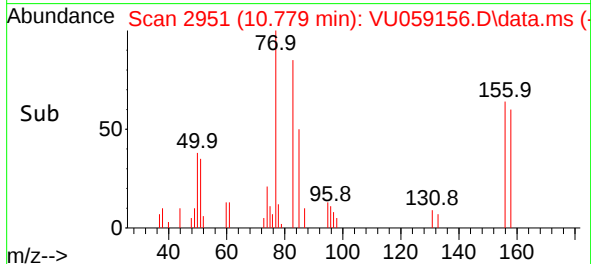
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 83 Resp: 3185
Ion Ratio Lower Upper
83 100
131 4.6 6.6 10.0
85 57.1 50.1 75.1

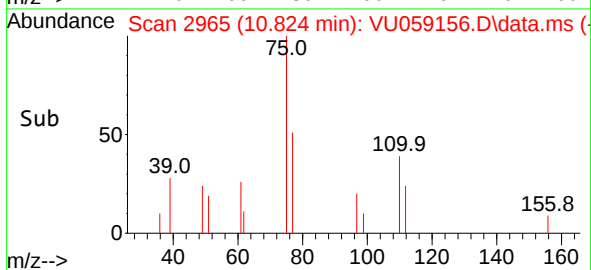
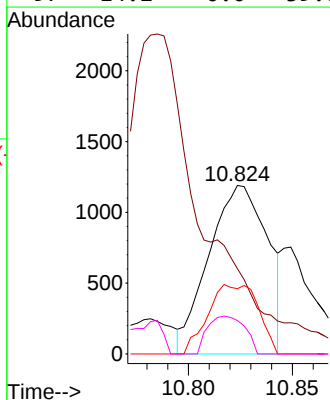
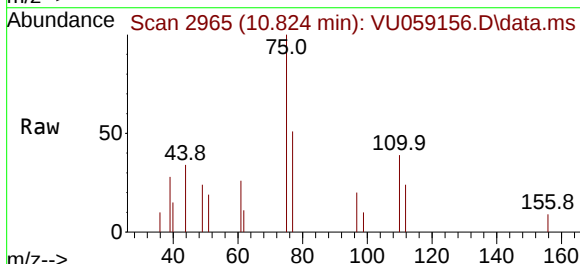
Manual Integrations
APPROVED

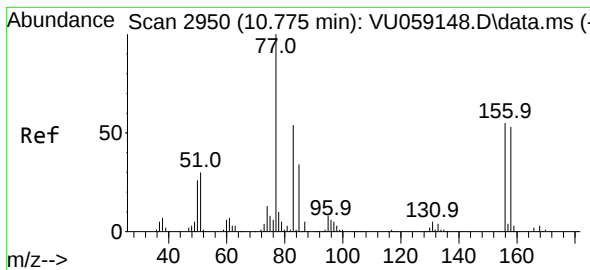
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#71
1,2,3-Trichloropropane
Concen: 0.277 ug/l m
RT: 10.824 min Scan# 2965
Delta R.T. 0.003 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion: 75 Resp: 2332
Ion Ratio Lower Upper
75 100
77 20.9 0.0 0.0
110 35.2 0.0 68.4
97 14.2 0.0 39.6





#72

Bromobenzene

Concen: 0.292 ug/l

RT: 10.788 min Scan# 2954

Delta R.T. 0.013 min

Lab File: VU059156.D

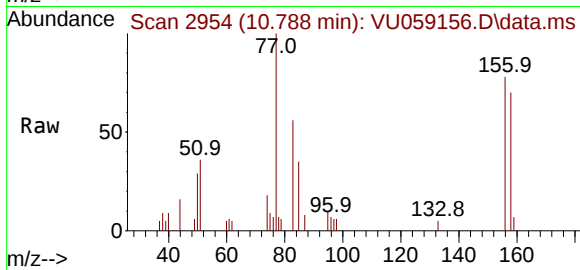
Acq: 05 Jun 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

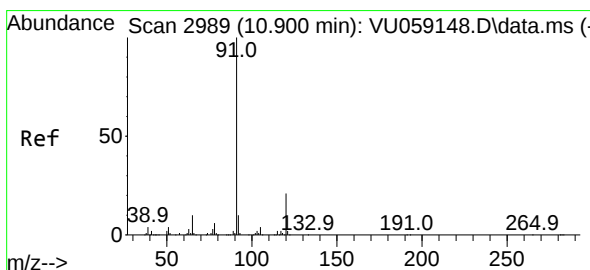
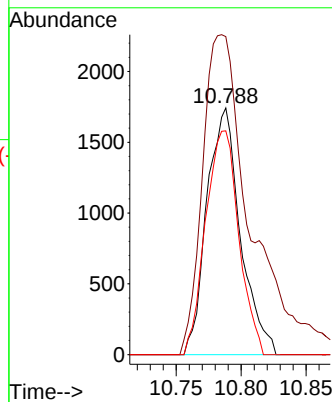
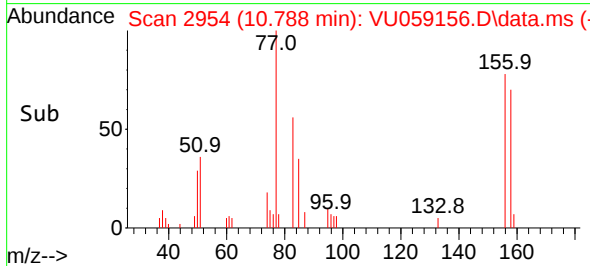


Tgt Ion	Ratio	Lower	Upper
156	100		
77	186.6	0.0	359.6
158	89.6	0.0	192.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#73

n-propylbenzene

Concen: 0.203 ug/l

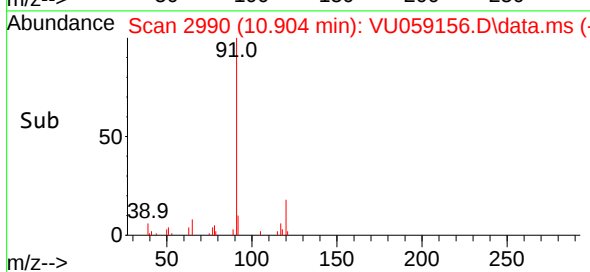
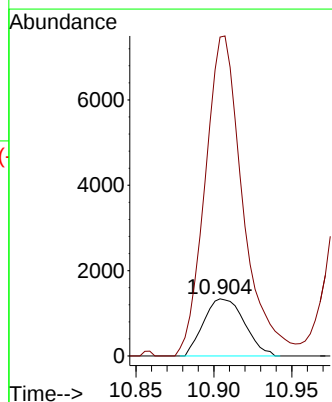
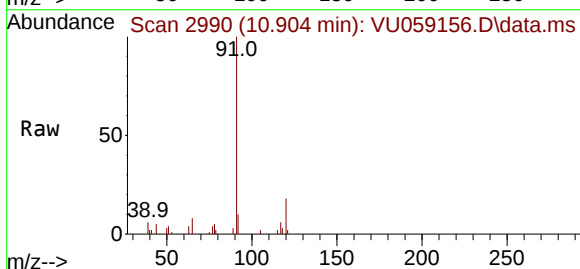
RT: 10.904 min Scan# 2990

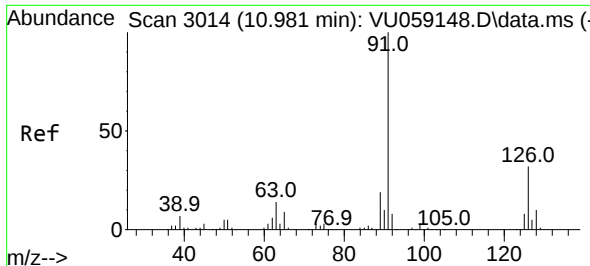
Delta R.T. 0.003 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

Tgt Ion	Ratio	Lower	Upper
120	100		
91	519.8	378.6	567.8





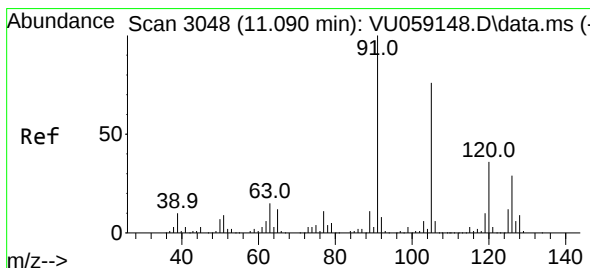
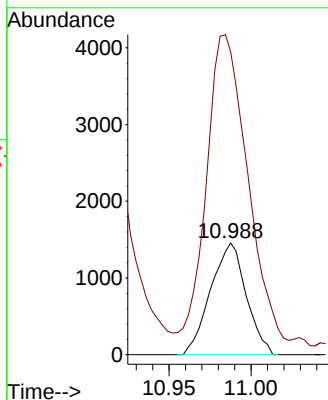
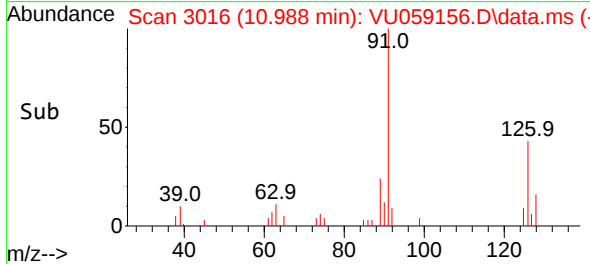
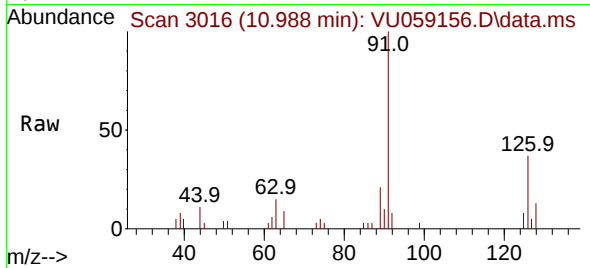
#74
2-Chlorotoluene
Concen: 0.200 ug/l
RT: 10.988 min Scan# 3014
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:126 Resp: 2192
Ion Ratio Lower Upper
126 100
91 318.7 0.0 627.0

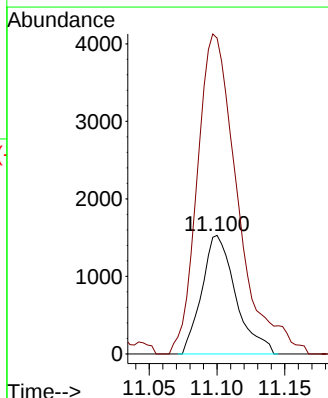
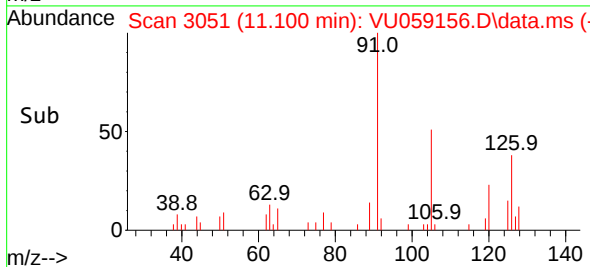
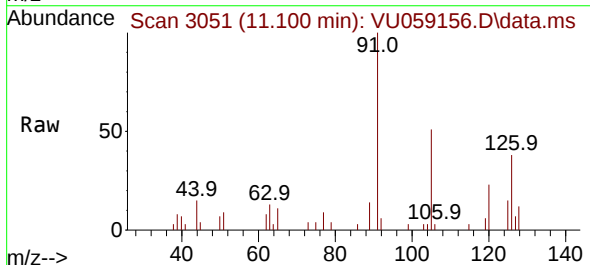
Manual Integrations
APPROVED

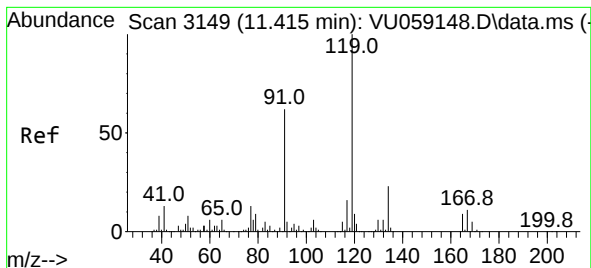
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#76
4-Chlorotoluene
Concen: 0.233 ug/l
RT: 11.100 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion:126 Resp: 2660
Ion Ratio Lower Upper
126 100
91 320.4 0.0 704.4





#77

tert-Butylbenzene

Concen: 0.212 ug/l

RT: 11.418 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU059156.D

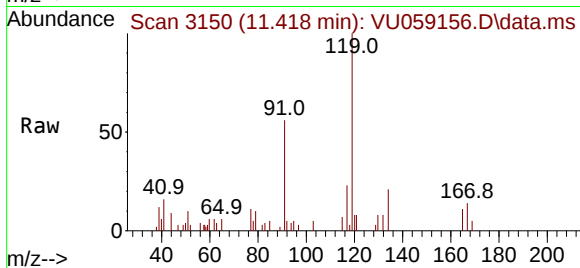
Acq: 05 Jun 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 119 Resp: 760

Ion Ratio Lower Upper

119 100

91 59.7 30.7 92.1

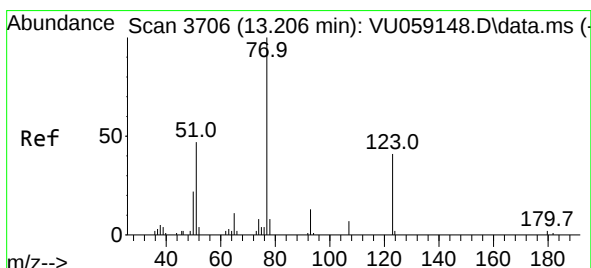
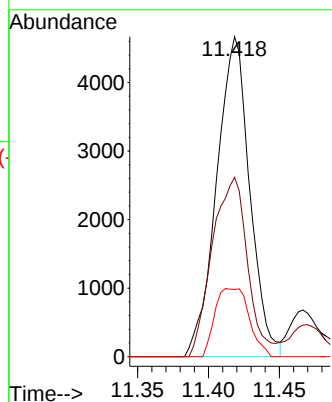
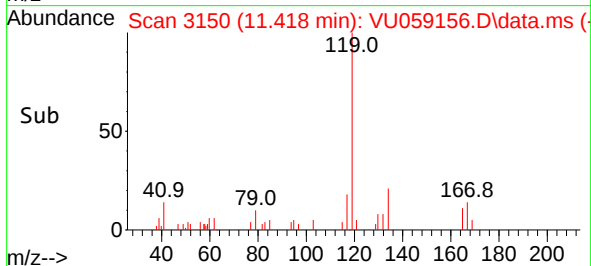
134 21.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#80

Nitrobenzene

Concen: 1.618 ug/l m

RT: 13.241 min Scan# 3717

Delta R.T. 0.036 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

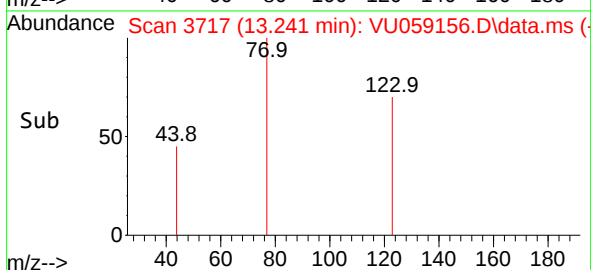
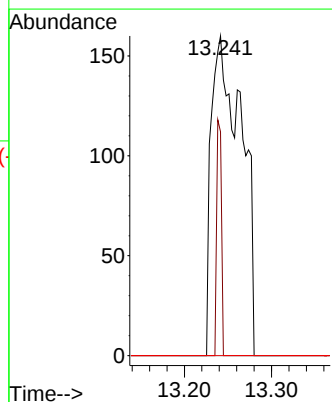
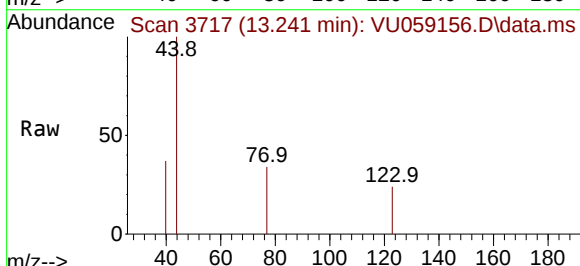
Tgt Ion: 77 Resp: 382

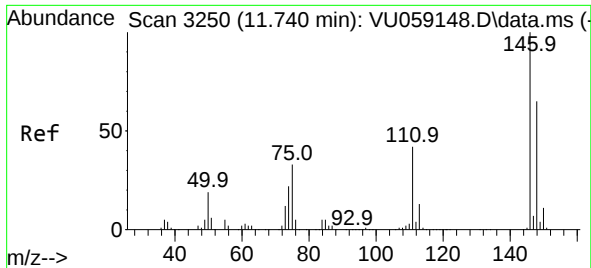
Ion Ratio Lower Upper

77 100

123 11.5 18.3 64.7#

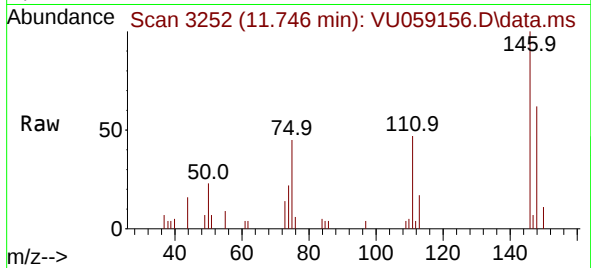
65 0.0 10.6 13.4#





#82
1,3-Dichlorobenzene
Concen: 0.260 ug/l
RT: 11.746 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

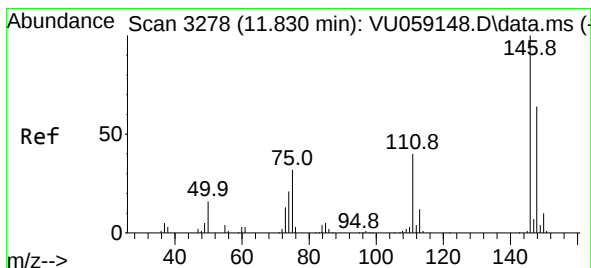
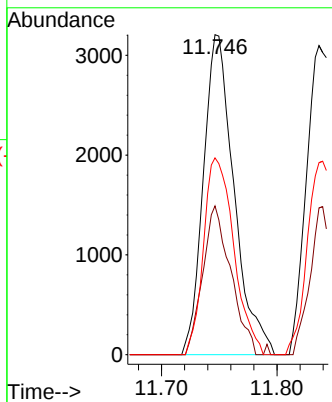
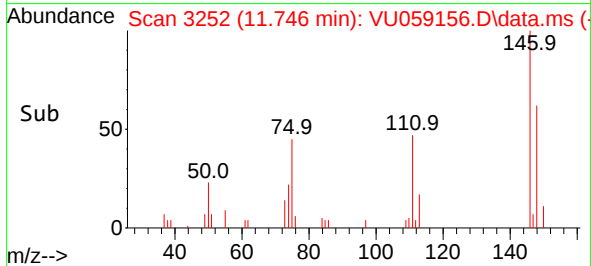
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



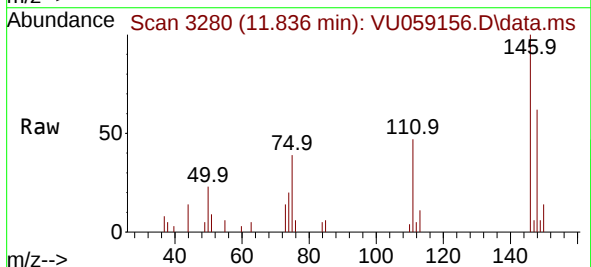
Tgt Ion:146 Resp: 591
Ion Ratio Lower Upper
146 100
111 42.6 33.4 50.0
148 60.9 51.2 76.8

Manual Integrations
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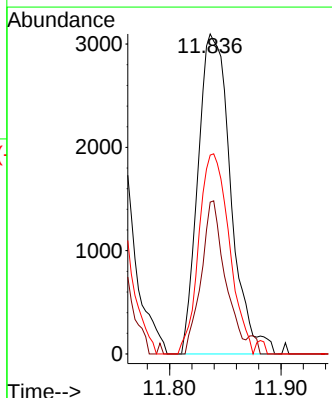
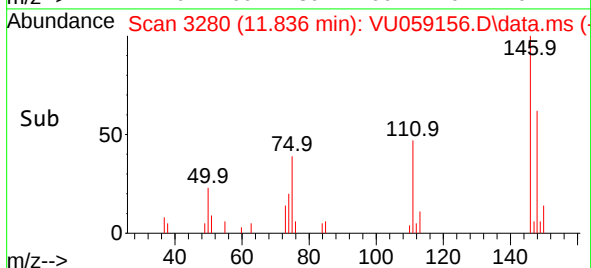
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

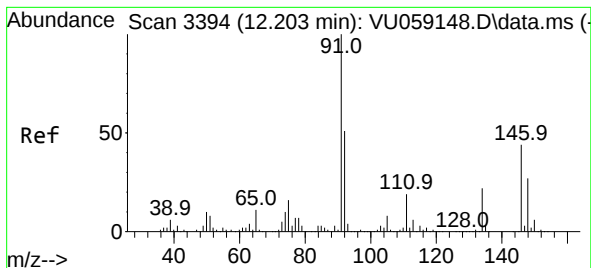


#83
1,4-Dichlorobenzene
Concen: 0.277 ug/l
RT: 11.836 min Scan# 3280
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26



Tgt Ion:146 Resp: 6304
Ion Ratio Lower Upper
146 100
111 35.3 32.1 48.1
148 58.2 51.2 76.8





#84

n-Butylbenzene

Concen: 0.224 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.007 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

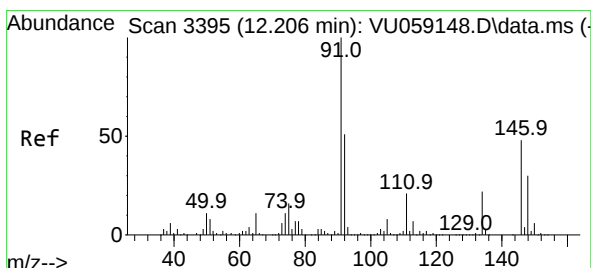
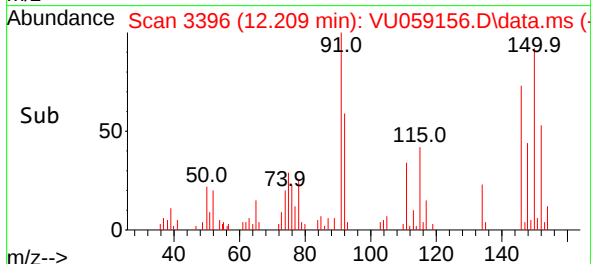
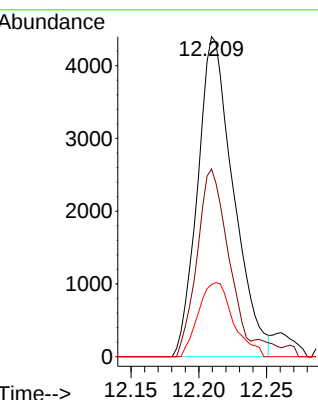
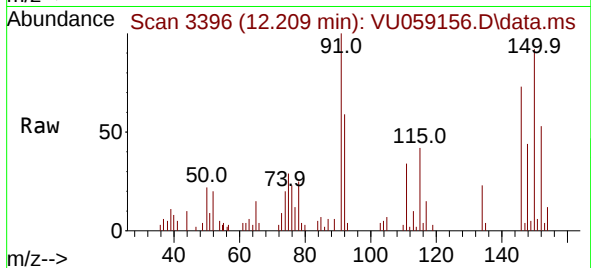
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91	Resp: 806
Ion Ratio	Lower Upper
91	100
92	54.3 40.7 61.1
134	22.5 17.6 26.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#85

1,2-Dichlorobenzene

Concen: 0.271 ug/l

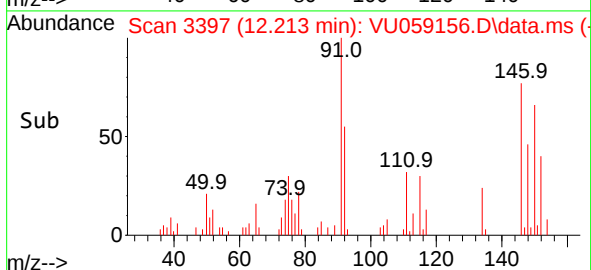
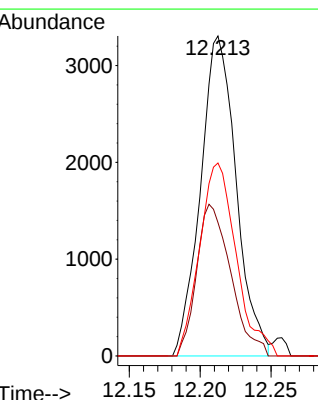
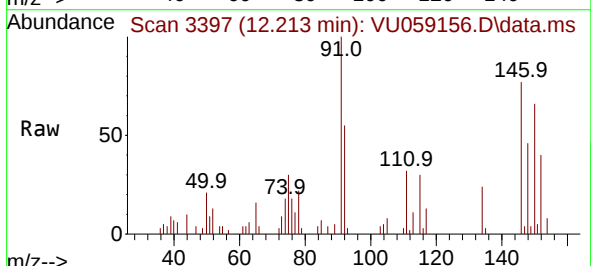
RT: 12.213 min Scan# 3397

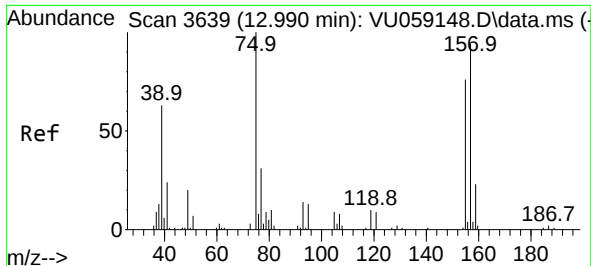
Delta R.T. 0.007 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

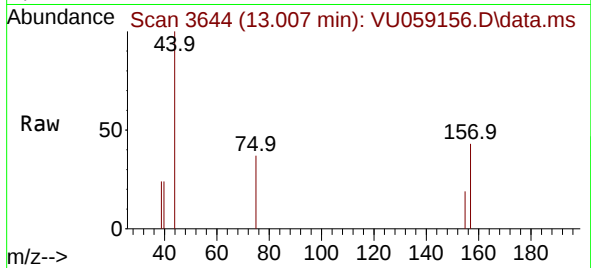
Tgt Ion:146	Resp: 5806
Ion Ratio	Lower Upper
146	100
111	45.3 21.8 65.3
148	61.9 31.3 93.9





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.260 ug/l
RT: 13.007 min Scan# 3644
Delta R.T. 0.016 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

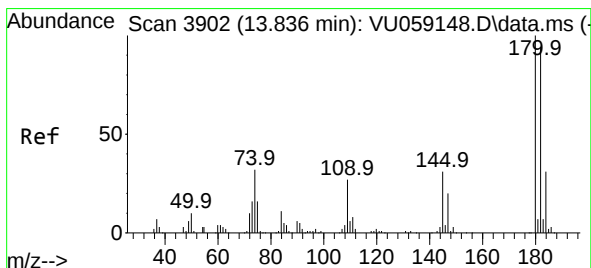
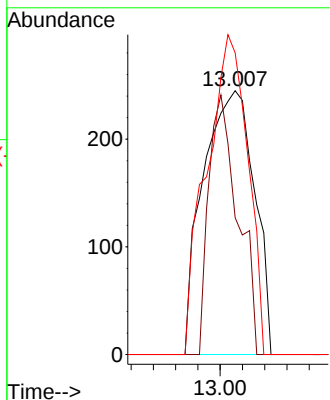
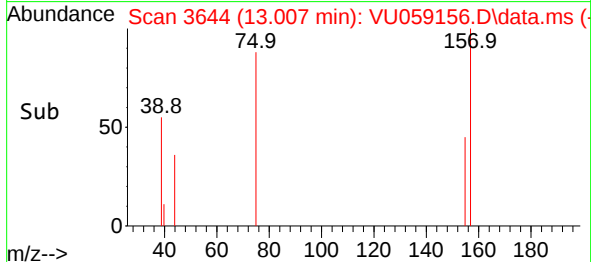
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 75 Resp: 390
Ion Ratio Lower Upper
75 100
155 56.2 61.2 91.8
157 97.9 75.8 113.6

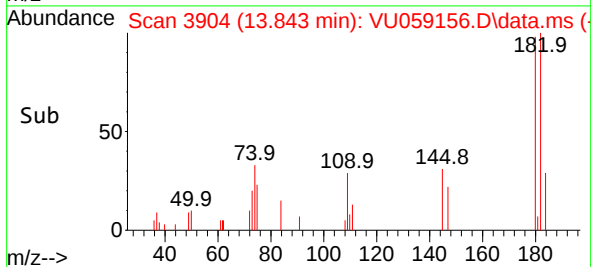
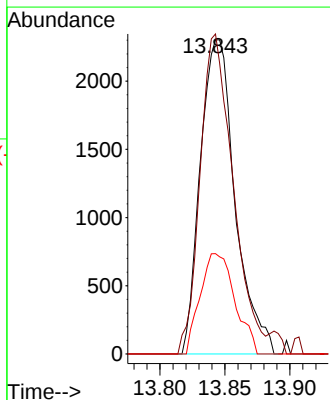
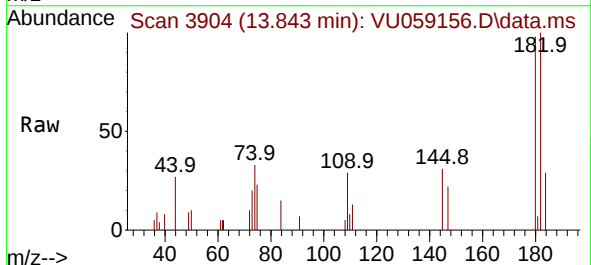
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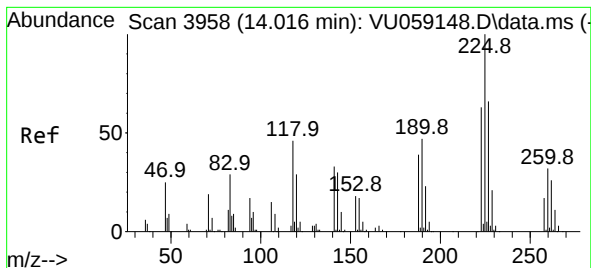
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#87
1,2,4-Trichlorobenzene
Concen: 0.373 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.007 min
Lab File: VU059156.D
Acq: 05 Jun 2024 18:26

Tgt Ion:180 Resp: 4286
Ion Ratio Lower Upper
180 100
182 96.6 75.7 113.5
145 31.9 24.6 36.8





#88

Hexachlorobutadiene

Concen: 0.284 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

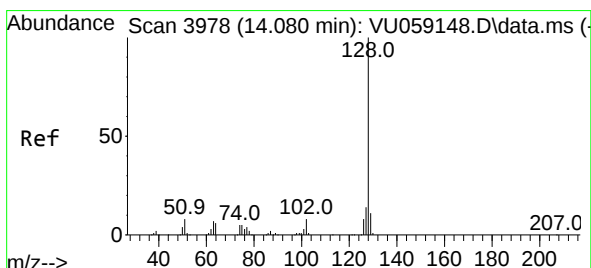
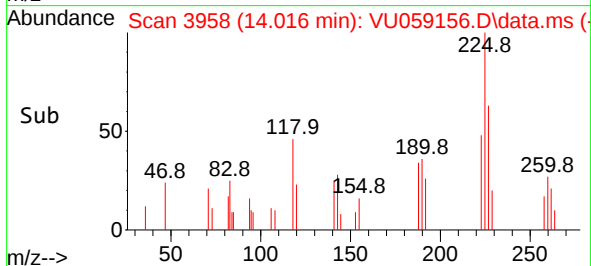
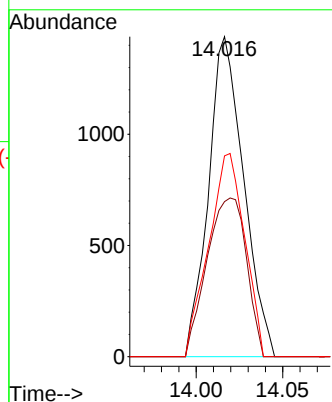
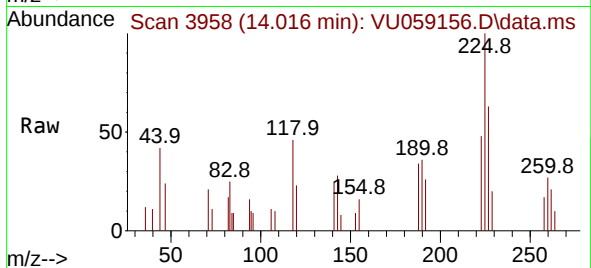
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	225	Resp:	203
Ion	Ratio	Lower	Upper
225	100		
223	55.7	50.0	75.0
227	64.9	51.8	77.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#89

Naphthalene

Concen: 0.580 ug/l

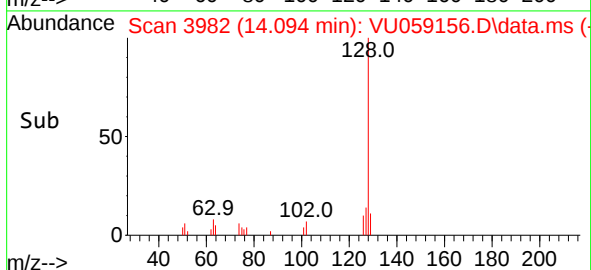
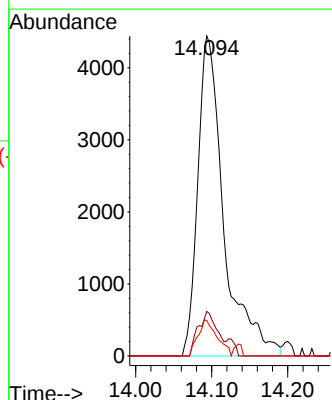
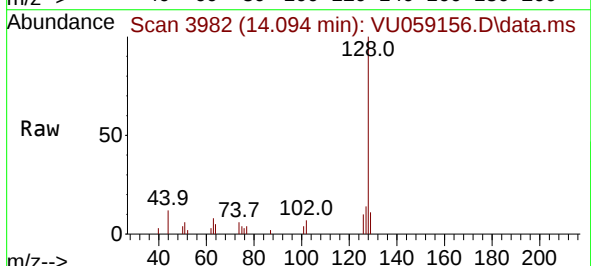
RT: 14.094 min Scan# 3982

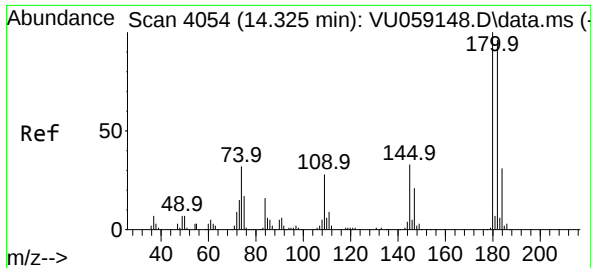
Delta R.T. 0.013 min

Lab File: VU059156.D

Acq: 05 Jun 2024 18:26

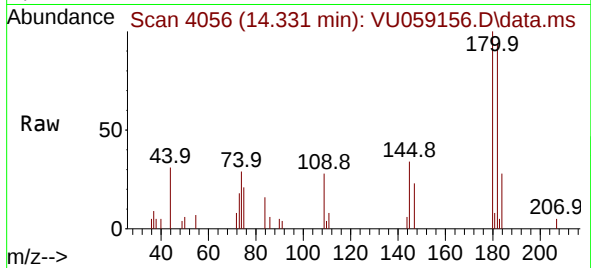
Tgt Ion:	128	Resp:	10568
Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.7	16.1#
129	8.2	8.4	12.6#





#90
 1,2,3-Trichlorobenzene
 Concen: 0.439 ug/l
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.007 min
 Lab File: VU059156.D
 Acq: 05 Jun 2024 18:26

Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:180 Resp: 4582
 Ion Ratio Lower Upper
 180 100
 182 90.1 76.3 114.5
 145 29.1 26.5 39.7

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

