

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059157.D
 Acq On : 05 Jun 2024 18:50
 Operator : MD/SY
 Sample : P2403-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 06 04:02:25 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	6.113	96	39302	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	12050	0.901	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	12232	0.874	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3890	0.316	ug/l	96
3) Chloromethane	1.515	50	5349	0.361	ug/l	95
4) Vinyl Chloride	1.599	62	5283	0.353	ug/l	90
5) Bromomethane	1.853	94	3586	0.394	ug/l	88
6) Chloroethane	1.930	64	3159	0.328	ug/l	97
7) Trichlorofluoromethane	2.136	101	5501	0.296	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	3320	0.347	ug/l	96
9) 1,1-Dichloroethene	2.576	96	3276	0.346	ug/l	83
10) Iodomethane	2.714	142	3353	0.282	ug/l	96
11) Allyl Chloride	2.917	41	4501	0.352	ug/l	88
12) Acrylonitrile	3.348	53	1245m	0.582	ug/l	
13) Acetone	2.660	43	3453m	1.061	ug/l	
14) Carbon Disulfide	2.788	76	10671	0.354	ug/l #	93
15) Methylene Chloride	3.039	84	13170	1.015	ug/l	98
16) trans-1,2-Dichloroethene	3.351	96	3589	0.347	ug/l	93
17) 1,1-Dichloroethane	3.862	63	7004	0.324	ug/l	95
18) 2-Butanone	4.753	43	4596m	1.273	ug/l	
19) Cyclohexane	5.383	56	5010m	0.320	ug/l	
20) Methylcyclohexane	6.753	83	4314	0.274	ug/l	98
21) 2,2-Dichloropropane	4.653	77	5177	0.324	ug/l #	73
22) cis-1,2-Dichloroethene	4.666	96	3542	0.316	ug/l	96
23) Diethyl Ether	2.370	59	2887	0.325	ug/l	92
24) tert-Butyl Alcohol	3.255	59	2512m	4.135	ug/l	
25) Methyl tert-Butyl Ether	3.364	73	7209	0.318	ug/l	96
26) Bromochloromethane	4.968	128	1518	0.320	ug/l	93
27) Chloroform	5.084	83	7085	0.326	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	5836	0.340	ug/l	96
29) 1,1-Dichloropropene	5.524	75	4247	0.296	ug/l #	57
30) Carbon Tetrachloride	5.518	117	4486	0.319	ug/l	95
31) Isopropyl Ether	3.991	45	8455	0.298	ug/l	89
32) Ethyl-t-butyl ether	4.502	59	8441	0.320	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	7046	0.302	ug/l	93
34) Propionitrile	4.833	54	797m	0.964	ug/l	
35) Benzene	5.772	78	14051	0.311	ug/l	98
36) 1,2-Dichloroethane	5.795	62	4309	0.322	ug/l #	87
37) Trichloroethene	6.541	130	3925	0.364	ug/l	82
38) 1,2-Dichloropropane	6.788	63	4364	0.340	ug/l #	82
39) Methacrylonitrile	5.029	41	807m	0.262	ug/l	
40) Methyl acrylate	4.901	55	1467m	0.272	ug/l	
41) Tetrahydrofuran	5.074	42	1170m	0.709	ug/l	
42) 1-Chlorobutane	5.454	56	6262	0.315	ug/l	95
43) Dibromomethane	6.920	93	2008	0.346	ug/l	96
44) Bromodichloromethane	7.103	83	4937	0.328	ug/l	90

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

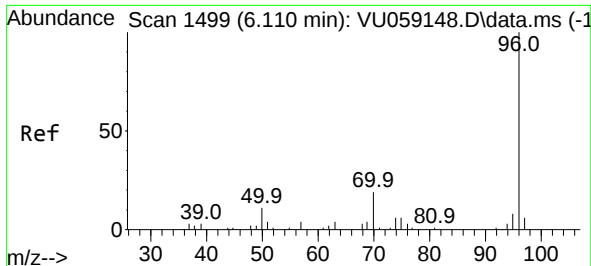
Quant Time: Jun 06 04:02:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Supervised By :Semsettin Yesilyurt 06/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	9988	1.604	ug/l	96
46) t-1,4-Dichloro-2-butene	10.833	75	1491m	0.564	ug/l	
47) Methyl methacrylate	6.975	69	2777	0.557	ug/l #	85
48) Ethyl methacrylate	8.338	69	2525	0.287	ug/l	99
49) Toluene	7.968	92	7410	0.298	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	4031	0.313	ug/l	92
51) cis-1,3-Dichloropropene	7.608	75	5036	0.319	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	2972	0.346	ug/l	92
53) 1,3-Dichloropropane	8.576	76	4740	0.320	ug/l	98
54) 2-Hexanone	8.695	43	6354	1.316	ug/l	92
55) Dibromochloromethane	8.807	129	2952	0.318	ug/l	98
56) 1,2-Dibromoethane	8.926	107	2653	0.352	ug/l	86
58) Tetrachloroethene	8.553	164	3281	0.330	ug/l	96
59) Chlorobenzene	9.447	112	8735	0.321	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	3204	0.329	ug/l	93
61) Pentachloroethane	11.415	117	2070	0.274	ug/l	99
62) Hexachloroethane	12.470	117	2411	0.314	ug/l	98
63) Ethyl Benzene	9.569	91	12688	0.276	ug/l	92
64) m/p-Xylenes	9.692	106	8817	0.509	ug/l	99
65) o-Xylene	10.097	106	4308	0.252	ug/l	92
66) Styrene	10.116	104	6577	0.241	ug/l	96
67) Bromoform	10.290	173	1695	0.337	ug/l #	80
69) Isopropylbenzene	10.483	105	11634	0.266	ug/l	93
70) 1,1,2,2-Tetrachloroethane	10.775	83	3710	0.344	ug/l	98
71) 1,2,3-Trichloropropane	10.823	75	3173m	0.385	ug/l	
72) Bromobenzene	10.785	156	3169	0.302	ug/l	73
73) n-propylbenzene	10.907	120	2935	0.251	ug/l	99
74) 2-Chlorotoluene	10.984	126	2888	0.270	ug/l	97
75) 1,3,5-Trimethylbenzene	11.087	105	9200	0.248	ug/l	96
76) 4-Chlorotoluene	11.097	126	3068	0.274	ug/l	95
77) tert-Butylbenzene	11.415	119	9228	0.262	ug/l	98
78) 1,2,4-Trimethylbenzene	11.470	105	8603	0.230	ug/l	98
79) sec-Butylbenzene	11.643	105	11667	0.239	ug/l	96
80) Nitrobenzene	13.244	77	238m	1.030	ug/l	
81) p-Isopropyltoluene	11.791	119	8538	0.228	ug/l	97
82) 1,3-Dichlorobenzene	11.746	146	6504	0.292	ug/l	97
83) 1,4-Dichlorobenzene	11.839	146	7241m	0.325	ug/l	
84) n-Butylbenzene	12.212	91	8830	0.251	ug/l	92
85) 1,2-Dichlorobenzene	12.212	146	6380	0.304	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	365	0.249	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.842	180	3685	0.328	ug/l	92
88) Hexachlorobutadiene	14.013	225	2145	0.306	ug/l	96
89) Naphthalene	14.097	128	7108	0.398	ug/l #	93
90) 1,2,3-Trichlorobenzene	14.331	180	3765	0.368	ug/l	95

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



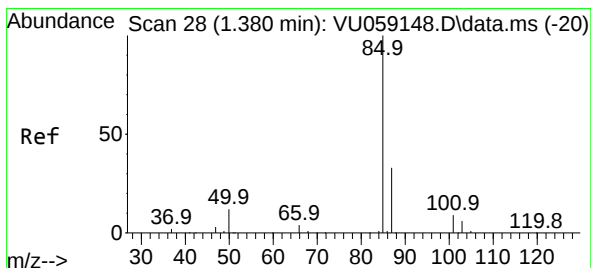
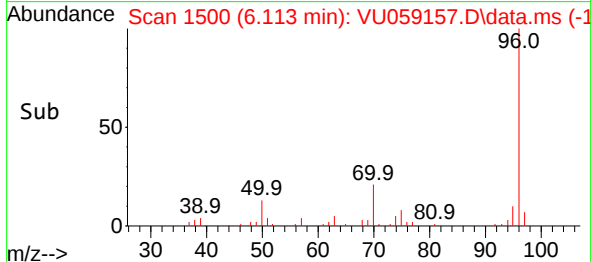
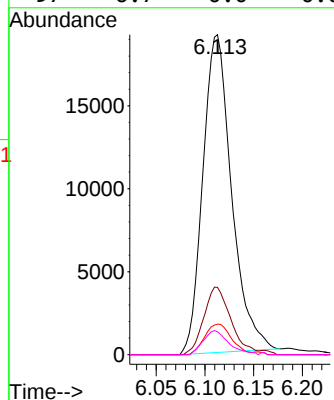
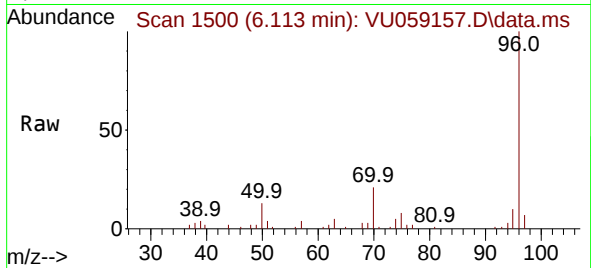
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion: 96 Resp: 3930
Ion Ratio Lower Upper
96 100
70 18.7 16.6 24.8
95 8.3 7.1 10.7
97 6.7 0.0 0.0#

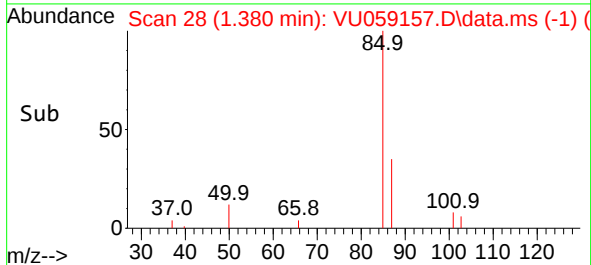
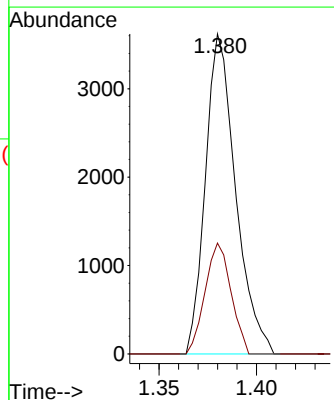
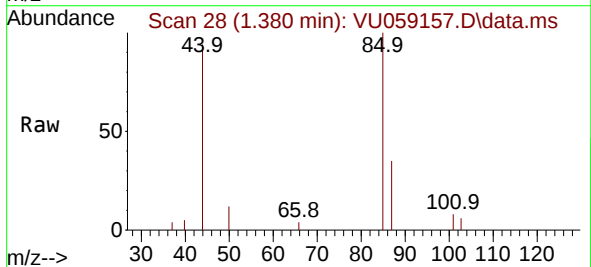
Manual Integrations
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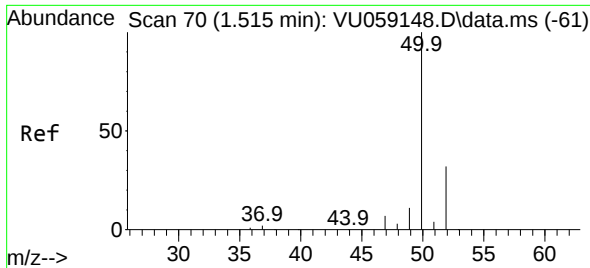
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#2
Dichlorodifluoromethane
Concen: 0.316 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 85 Resp: 3890
Ion Ratio Lower Upper
85 100
87 34.6 16.3 48.9





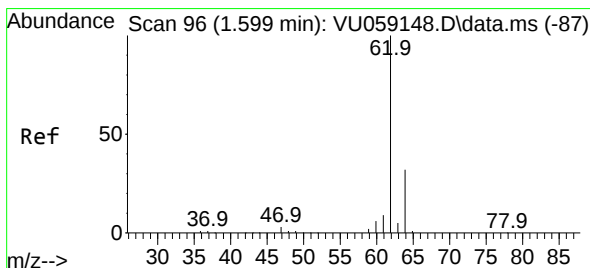
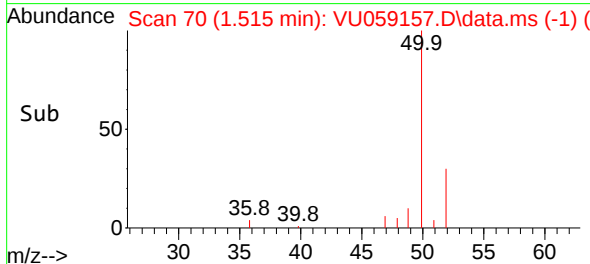
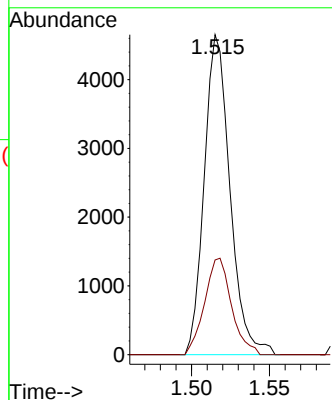
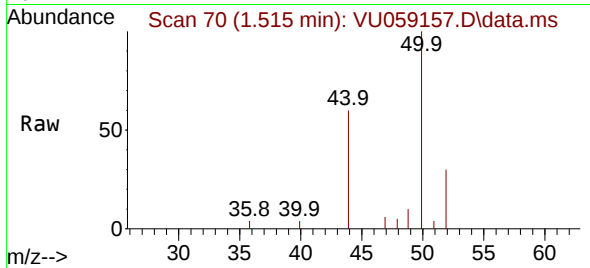
#3
Chloromethane
Concen: 0.361 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion: 50 Resp: 5349
Ion Ratio Lower Upper
50 100
52 29.6 26.0 39.0

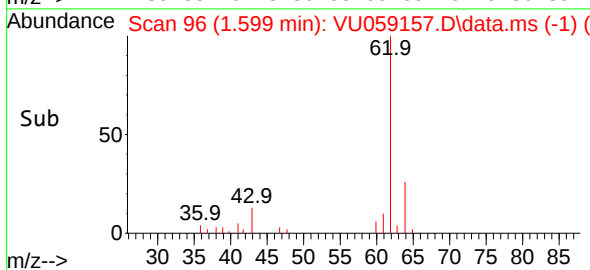
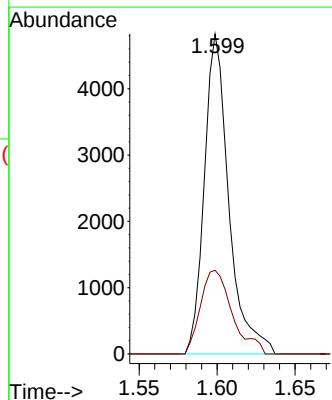
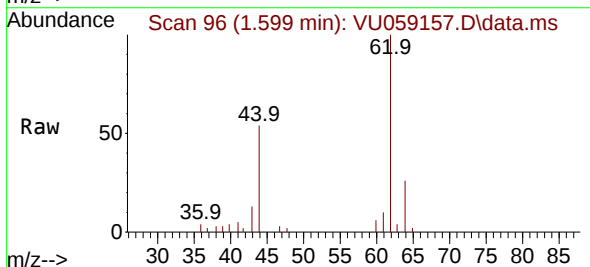
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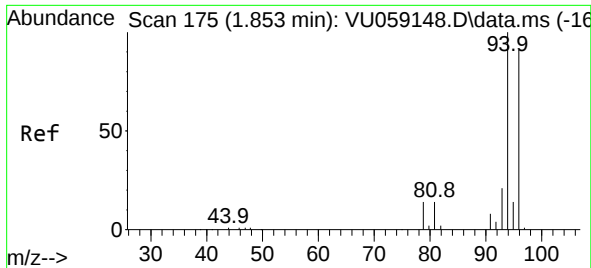
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#4
Vinyl Chloride
Concen: 0.353 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

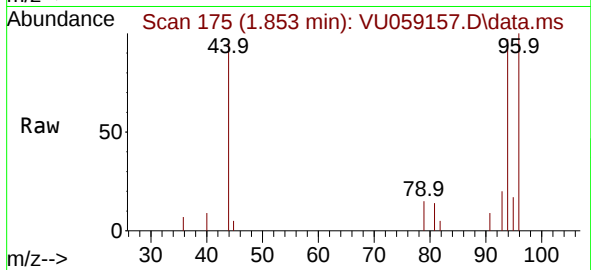
Tgt Ion: 62 Resp: 5283
Ion Ratio Lower Upper
62 100
64 26.1 25.2 37.8





#5
Bromomethane
Concen: 0.394 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

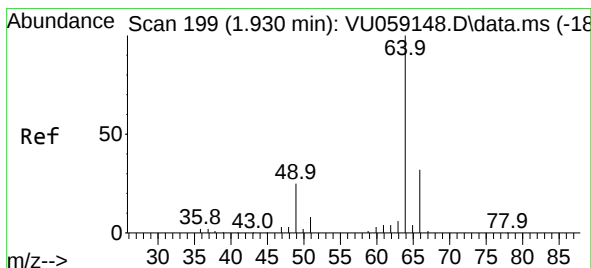
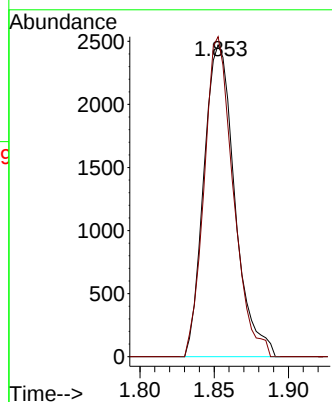
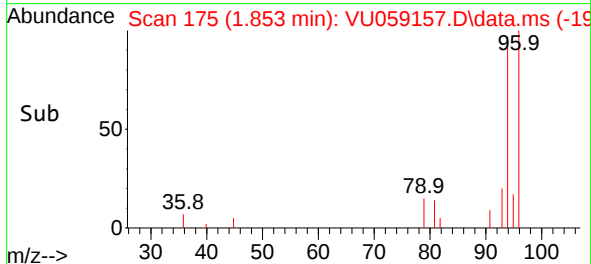
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



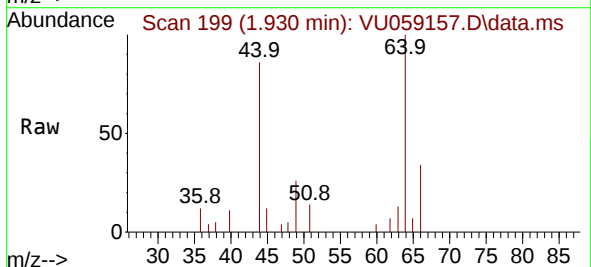
Tgt Ion: 94 Resp: 3580
Ion Ratio Lower Upper
94 100
96 102.6 72.7 109.1

Manual Integrations
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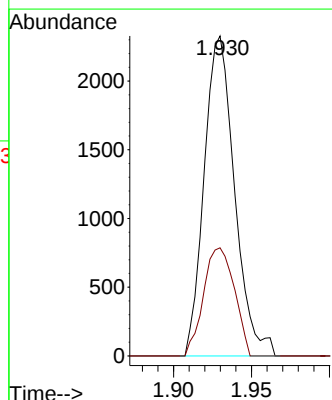
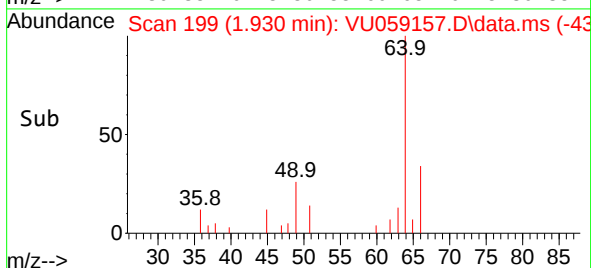
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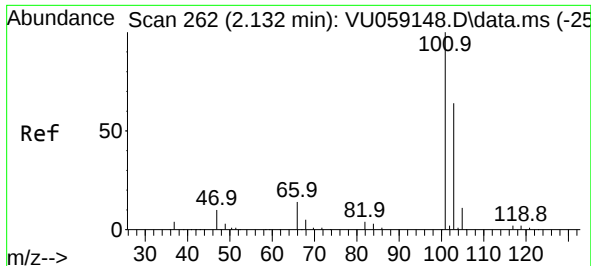


#6
Chloroethane
Concen: 0.328 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



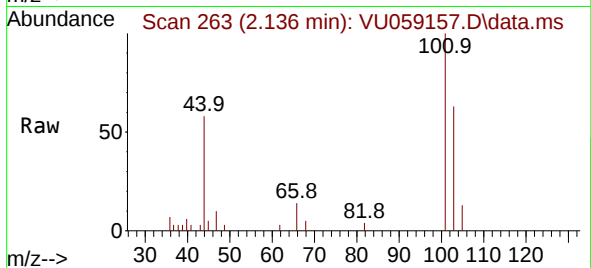
Tgt Ion: 64 Resp: 3159
Ion Ratio Lower Upper
64 100
66 33.8 25.5 38.3





#7
Trichlorofluoromethane
Concen: 0.296 ug/l
RT: 2.136 min Scan# 201
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

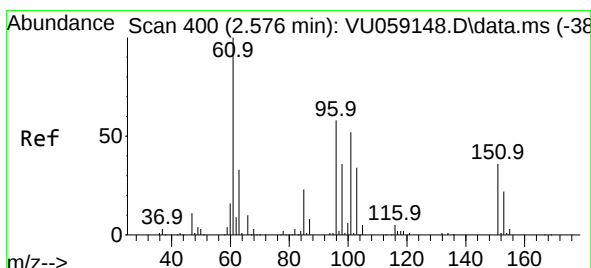
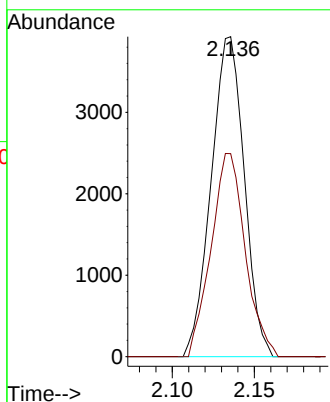
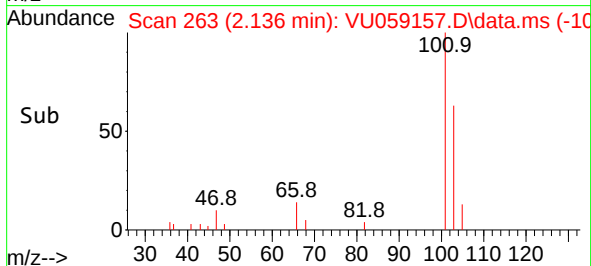
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ClientSampleId :
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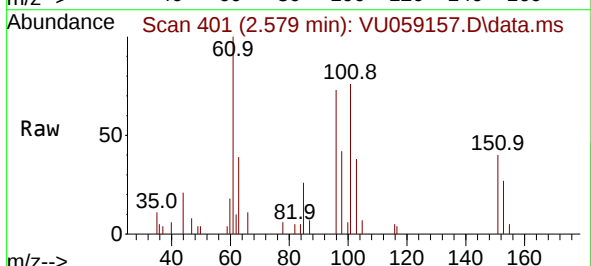
Tgt Ion:101 Resp: 550
Ion Ratio Lower Upper
101 100
103 63.4 51.1 76.7

Manual Integrations
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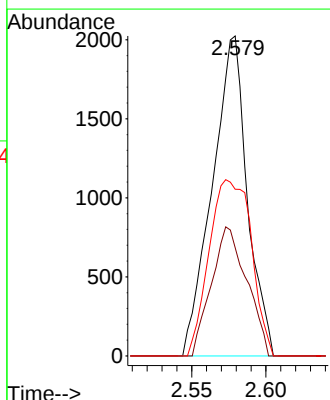
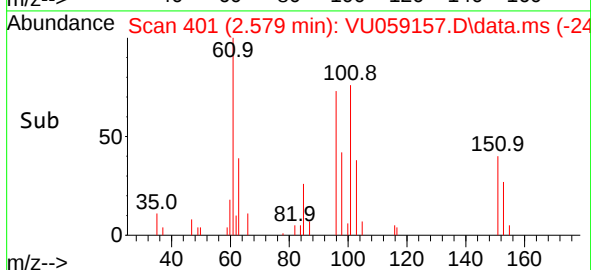
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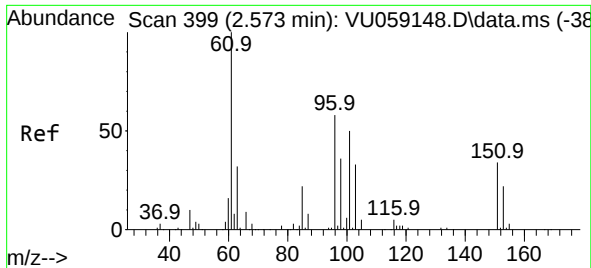


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.347 ug/l
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



Tgt Ion:101 Resp: 3320
Ion Ratio Lower Upper
101 100
85 40.8 36.1 54.1
151 66.4 55.0 82.6





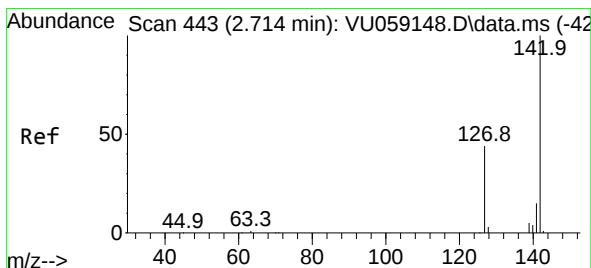
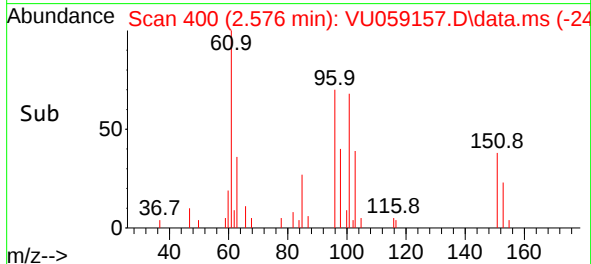
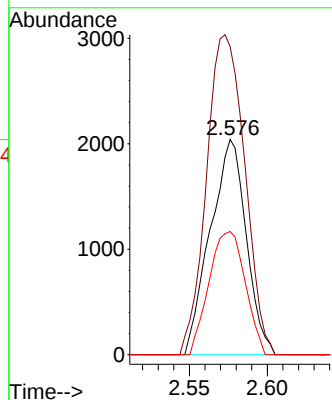
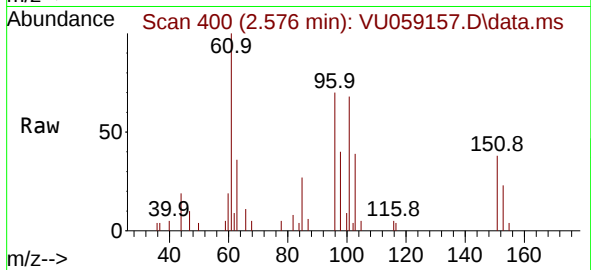
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1,1-Dichloroethene
Concen: 0.346 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion: 96 Resp: 3270
Ion Ratio Lower Upper
96 100
61 143.2 0.0 515.4
98 57.3 0.0 124.4

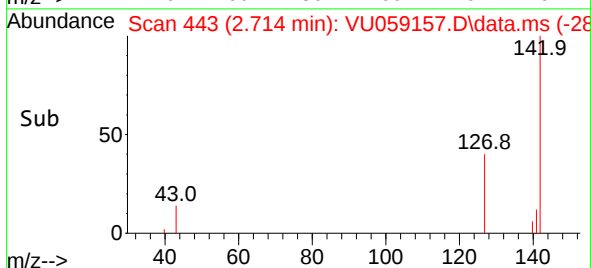
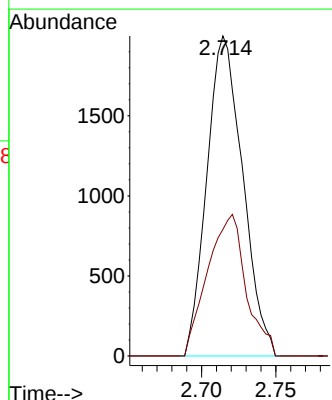
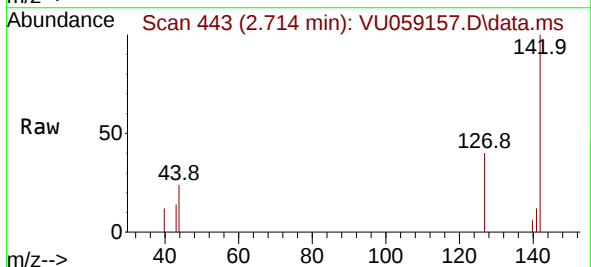
Manual Integrations
APPROVED

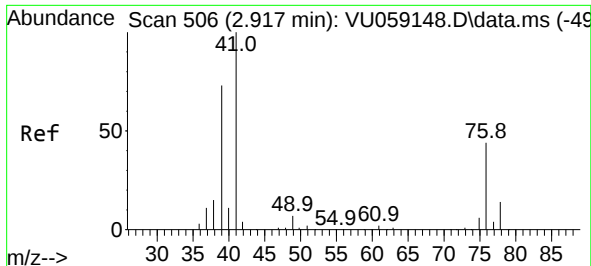
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#10
Iodomethane
Concen: 0.282 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

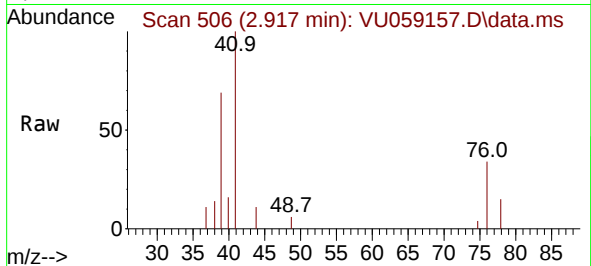
Tgt Ion:142 Resp: 3353
Ion Ratio Lower Upper
142 100
127 47.6 36.2 54.4





#11
 Allyl Chloride
 Concen: 0.352 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU059157.D
 Acq: 05 Jun 2024 18:50

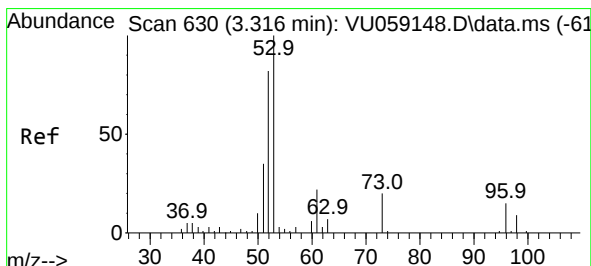
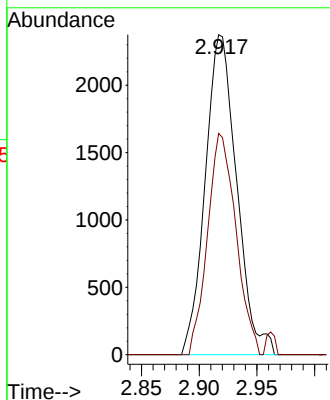
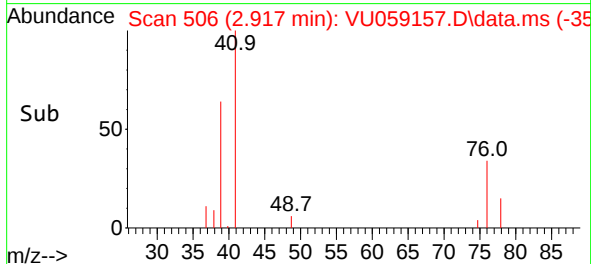
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



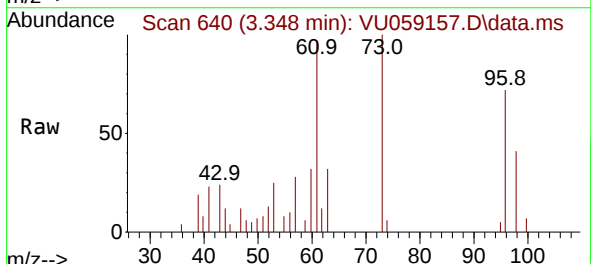
Tgt Ion: 41 Resp: 450
 Ion Ratio Lower Upper
 41 100
 39 62.3 58.1 87.1

Manual Integrations
 APPROVED

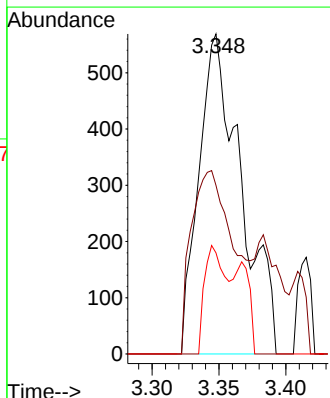
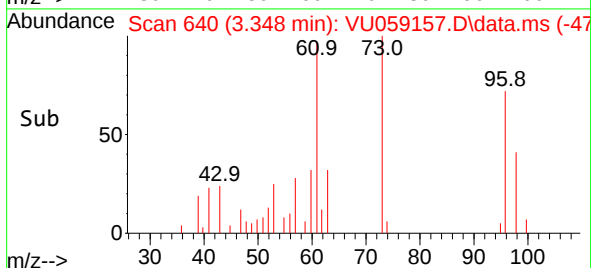
Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

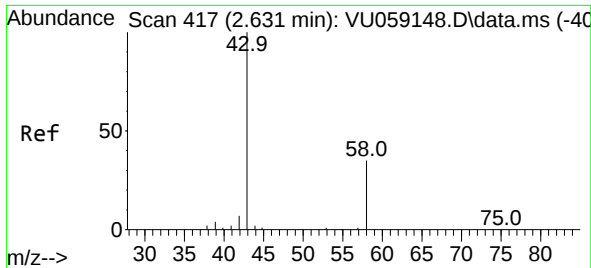


#12
 Acrylonitrile
 Concen: 0.582 ug/l m
 RT: 3.348 min Scan# 640
 Delta R.T. 0.032 min
 Lab File: VU059157.D
 Acq: 05 Jun 2024 18:50



Tgt Ion: 53 Resp: 1245
 Ion Ratio Lower Upper
 53 100
 52 58.9 64.2 96.4#
 51 16.6 33.0 49.4#





#13

Acetone

Concen: 1.061 ug/l m

RT: 2.660 min Scan# 417

Delta R.T. 0.029 min

Lab File: VU059157.D

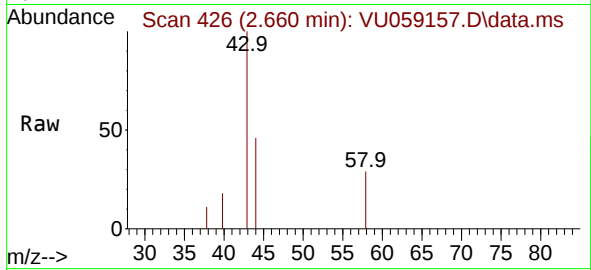
Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 345

Ion Ratio Lower Upper

43 100

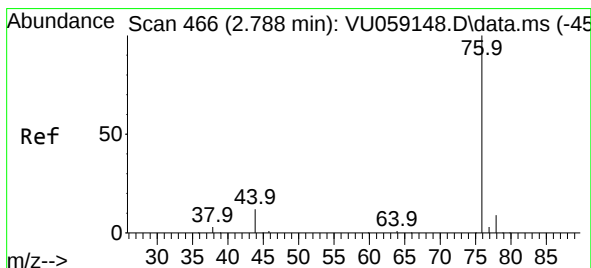
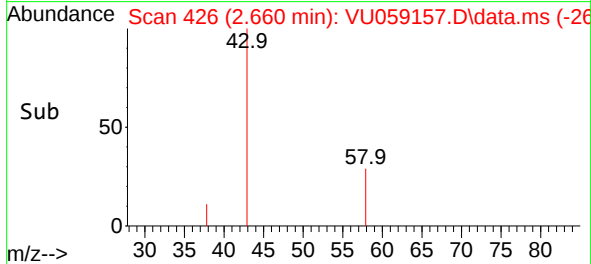
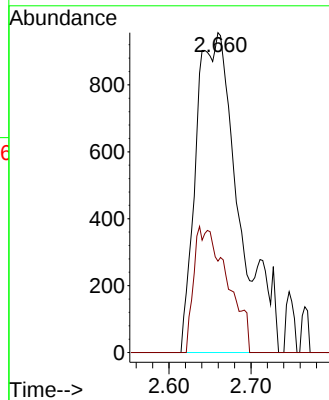
58 28.6 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#14

Carbon Disulfide

Concen: 0.354 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU059157.D

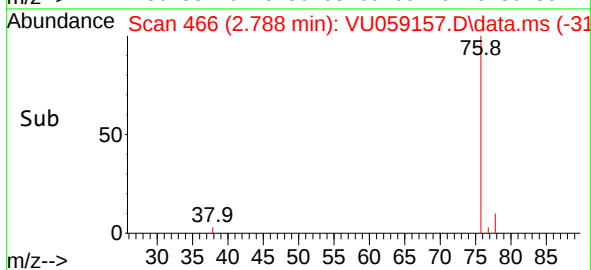
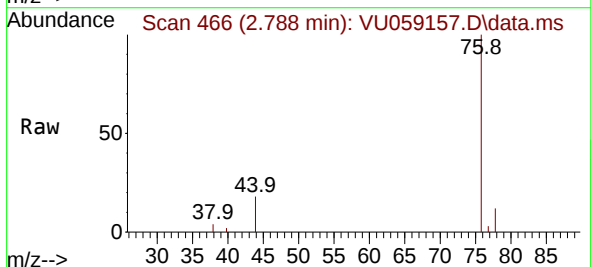
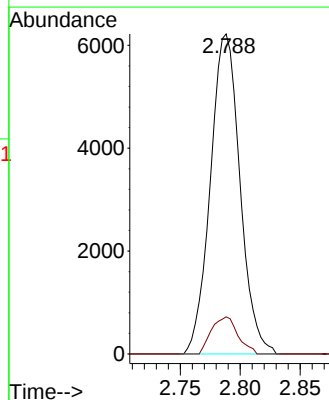
Acq: 05 Jun 2024 18:50

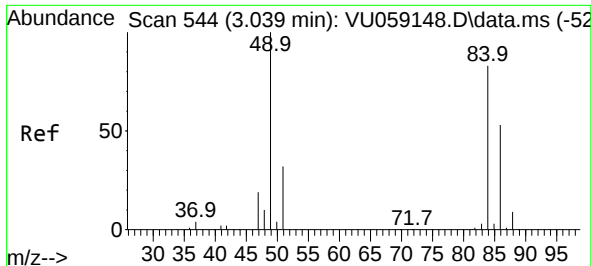
Tgt Ion: 76 Resp: 10671

Ion Ratio Lower Upper

76 100

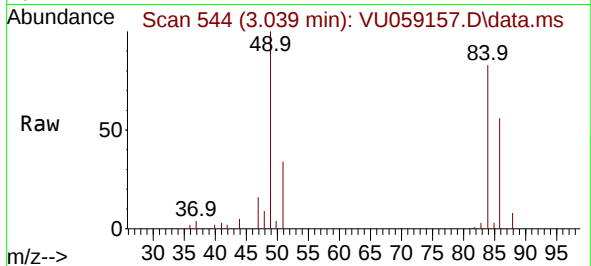
78 11.6 7.3 10.9#





#15
Methylene Chloride
Concen: 1.015 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

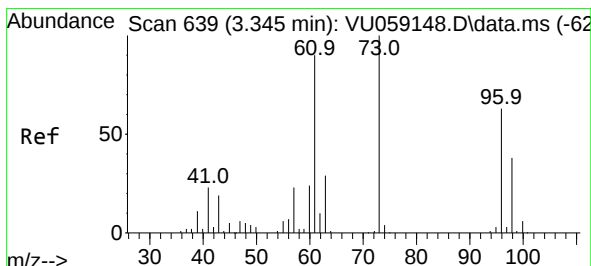
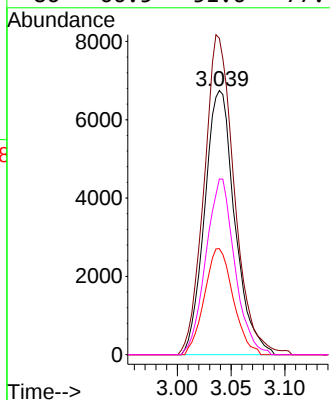
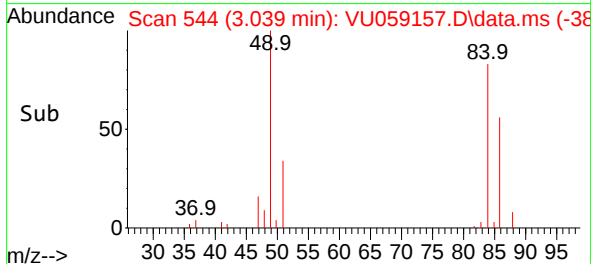
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 84	Resp: 13170
Ion Ratio	Lower Upper
84 100	
49 119.8	96.7 145.1
51 40.2	0.0 76.8
86 66.5	51.6 77.4

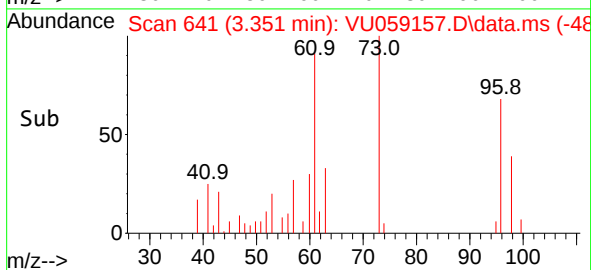
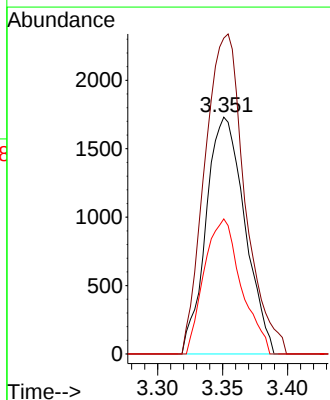
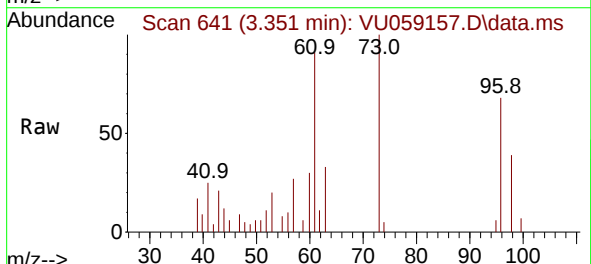
Manual Integrations
APPROVED

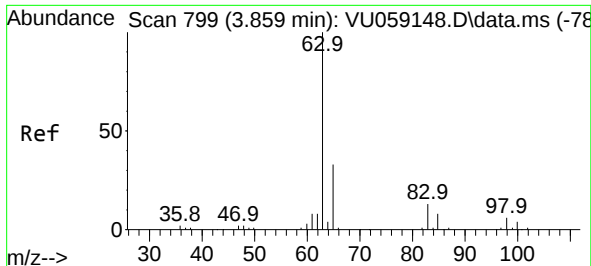
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#16
trans-1,2-Dichloroethene
Concen: 0.347 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 96	Resp: 3589		
Ion Ratio	Lower	Upper	
96	100		
61	133.4	114.8	172.2
98	57.0	48.8	73.2





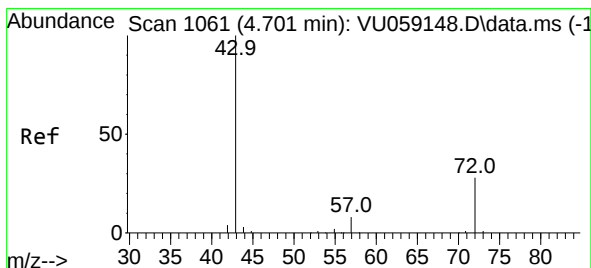
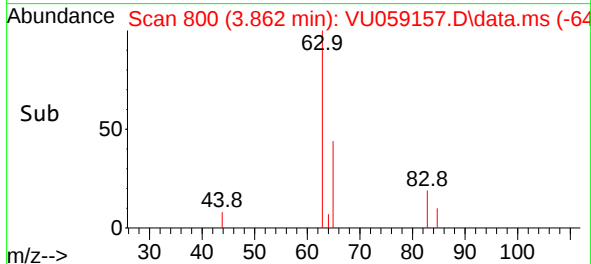
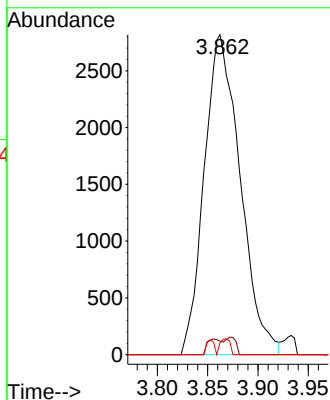
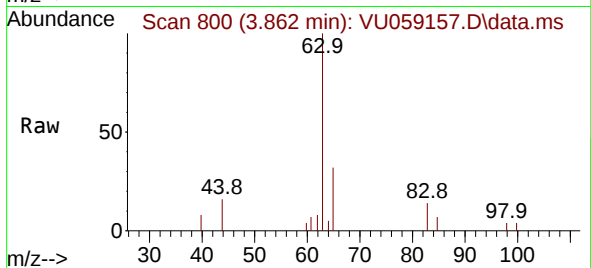
#17
1,1-Dichloroethane
Concen: 0.324 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion: 63 Resp: 7004
Ion Ratio Lower Upper
63 100
98 4.2 3.2 9.6
100 3.7 2.1 6.5

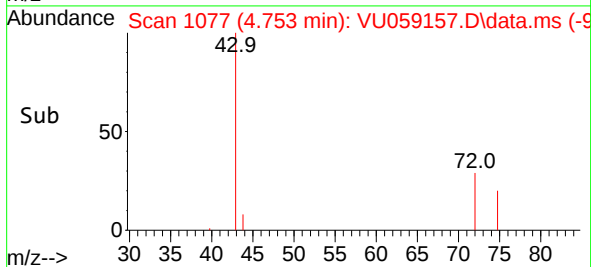
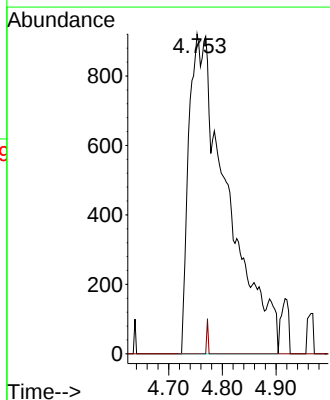
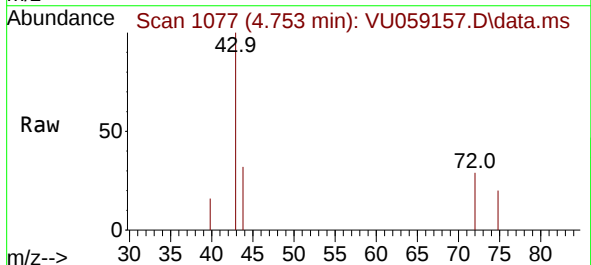
Manual Integrations
APPROVED

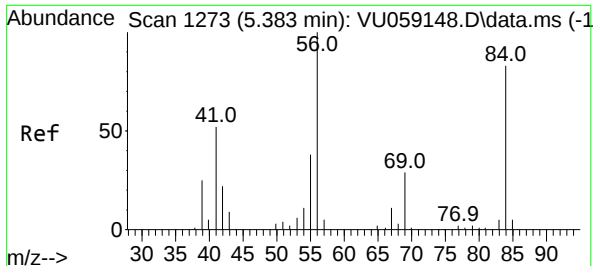
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#18
2-Butanone
Concen: 1.273 ug/l m
RT: 4.753 min Scan# 1077
Delta R.T. 0.051 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 43 Resp: 4596
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.8





#19

Cyclohexane

Concen: 0.320 ug/l m

RT: 5.383 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

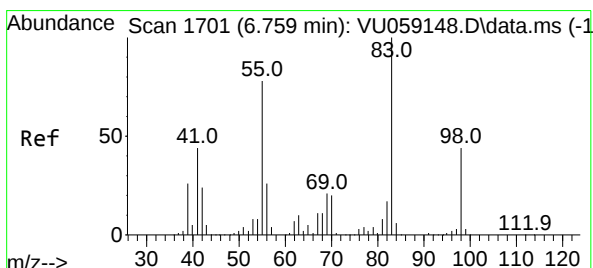
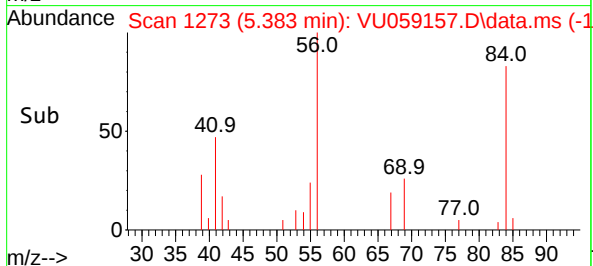
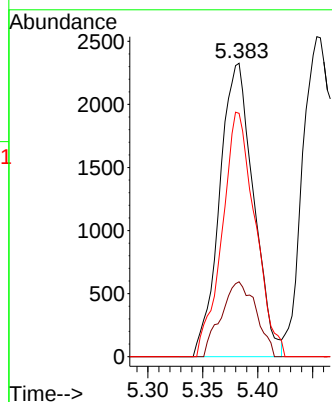
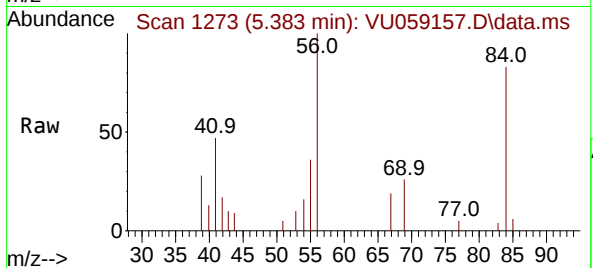
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	56	Resp:	5010
Ion Ratio	Lower	Upper	
56	100		
69	26.1	23.5	35.3
84	80.8	66.5	99.7

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.274 ug/l

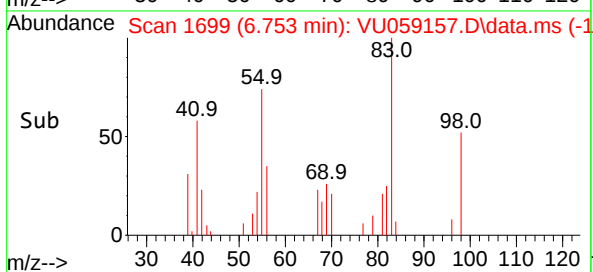
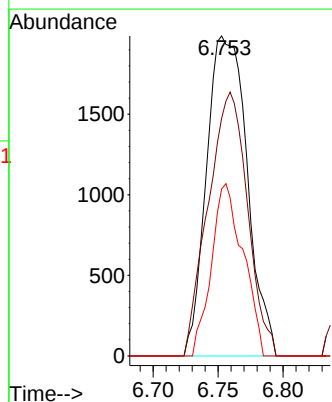
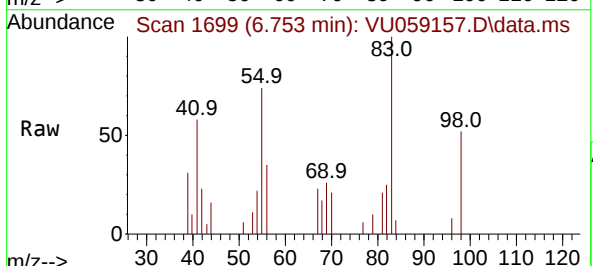
RT: 6.753 min Scan# 1699

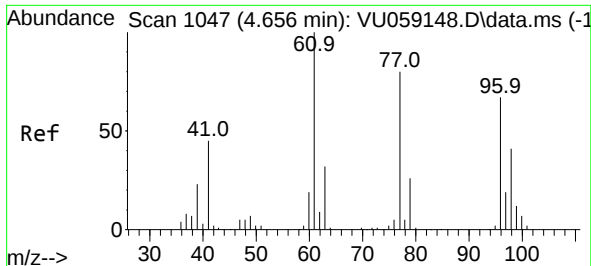
Delta R.T. -0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Tgt Ion:	83	Resp:	4314
Ion Ratio	Lower	Upper	
83	100		
55	79.9	62.7	94.1
98	42.1	35.1	52.7





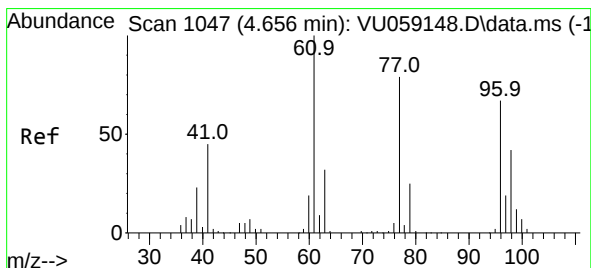
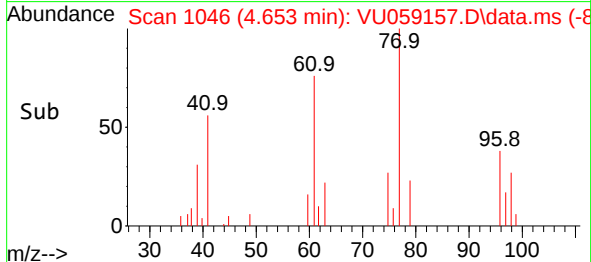
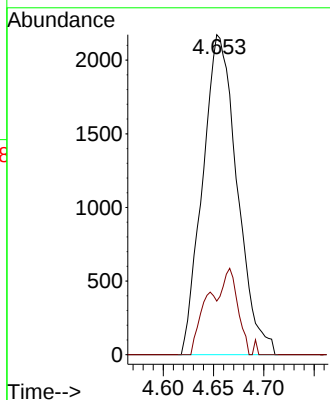
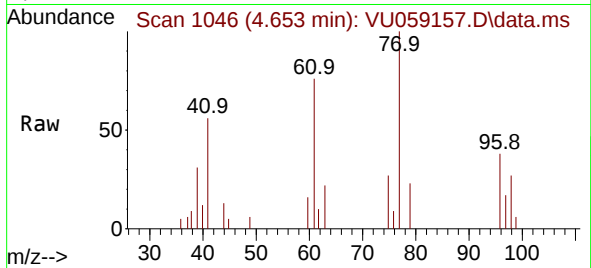
#21
2,2-Dichloropropane
Concen: 0.324 ug/l
RT: 4.653 min Scan# 1050
Delta R.T. -0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion: 77 Resp: 517
Ion Ratio Lower Upper
77 100
97 9.4 18.1 27.1

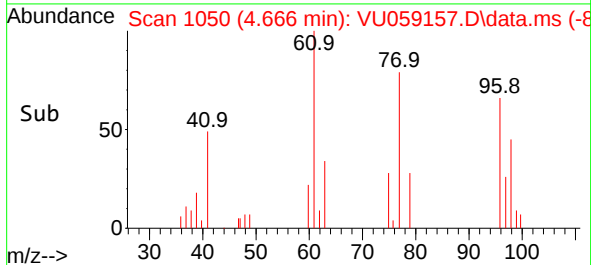
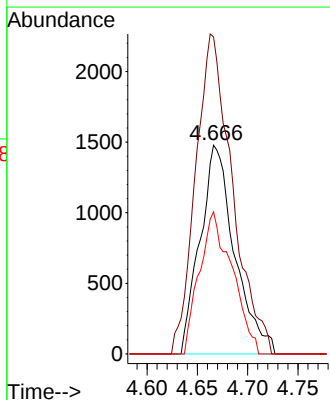
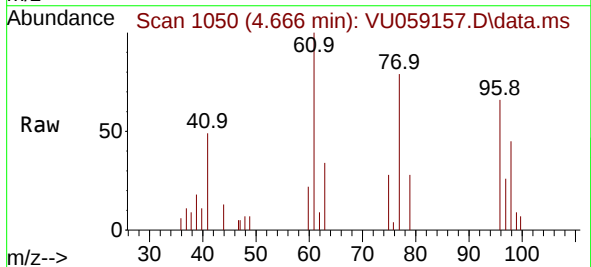
Manual Integrations
APPROVED

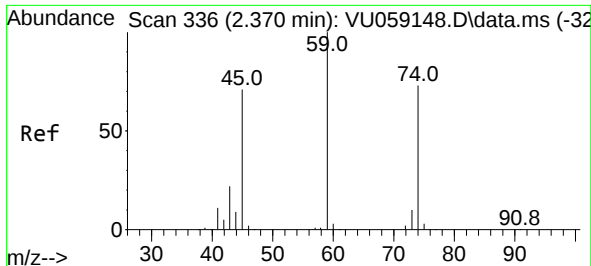
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#22
cis-1,2-Dichloroethene
Concen: 0.316 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 96 Resp: 3542
Ion Ratio Lower Upper
96 100
61 162.0 0.0 388.5
98 64.4 31.8 95.3





#23

Diethyl Ether

Concen: 0.325 ug/l

RT: 2.370 min Scan# 311

Delta R.T. -0.000 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

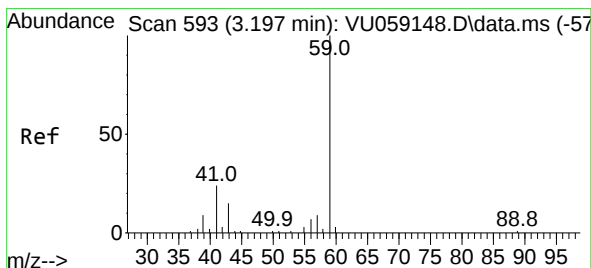
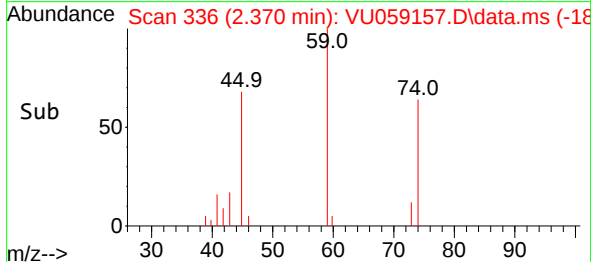
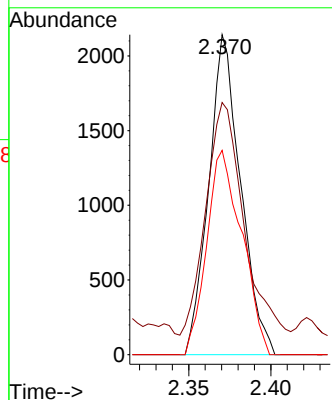
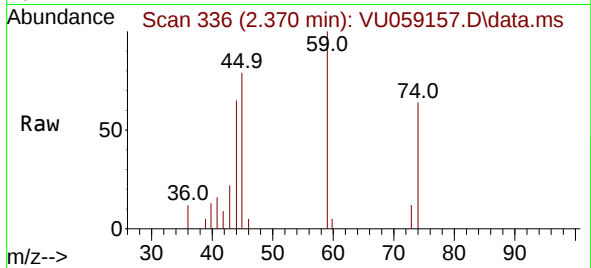
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 59	Resp: 288
Ion Ratio	Lower Upper
59 100	
45 84.9	58.8 88.2
74 70.3	58.0 87.0

Manual Integrations

APPROVED

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



#24

tert-Butyl Alcohol

Concen: 4.135 ug/l m

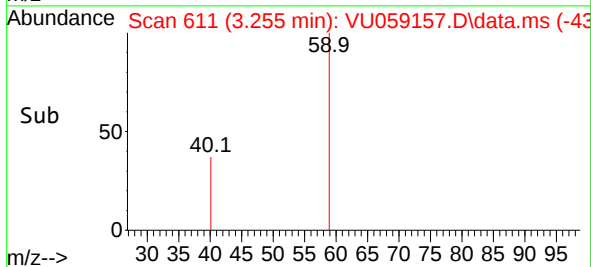
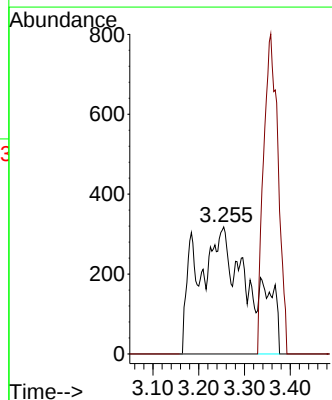
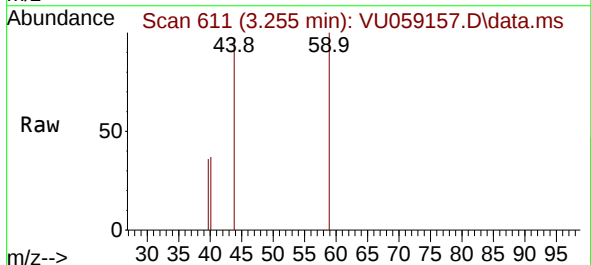
RT: 3.255 min Scan# 611

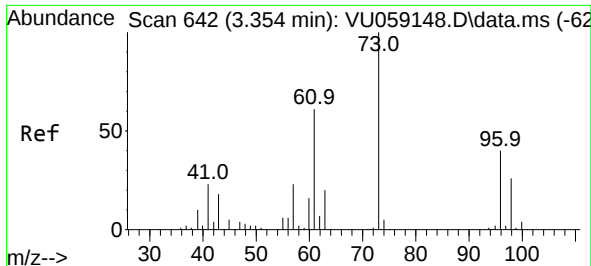
Delta R.T. 0.058 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

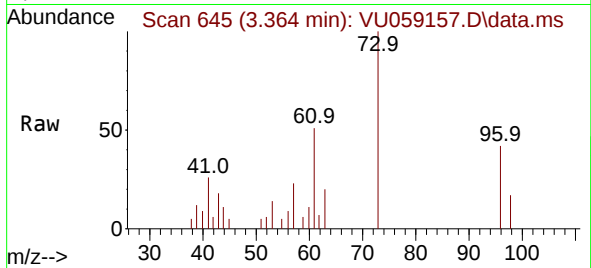
Tgt Ion: 59	Resp: 2512
Ion Ratio	Lower Upper
59 100	
57 0.0	2.9 4.3#





#25
Methyl tert-Butyl Ether
Concen: 0.318 ug/l
RT: 3.364 min Scan# 642
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

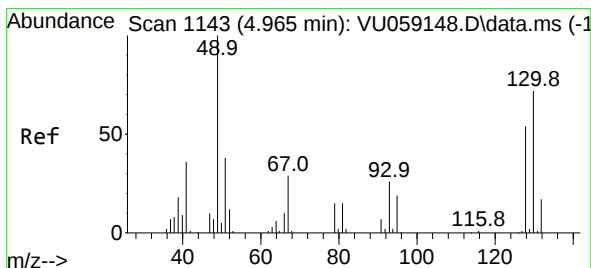
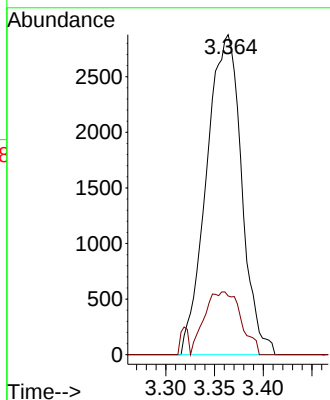
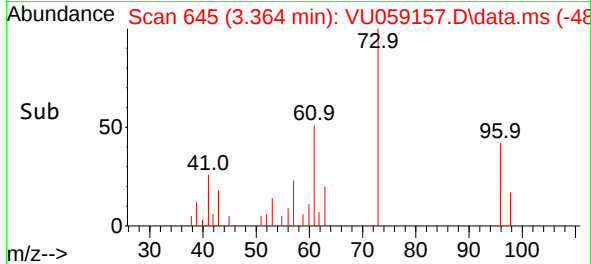
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 73 Resp: 7209
Ion Ratio Lower Upper
73 100
43 20.4 15.0 22.6

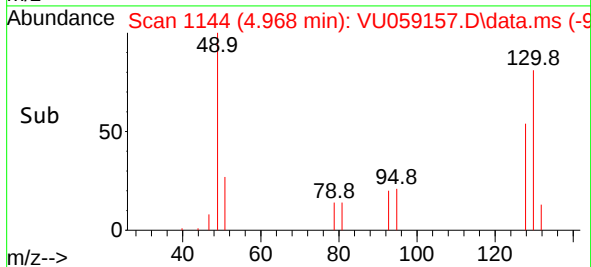
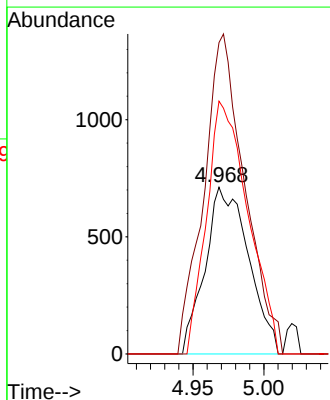
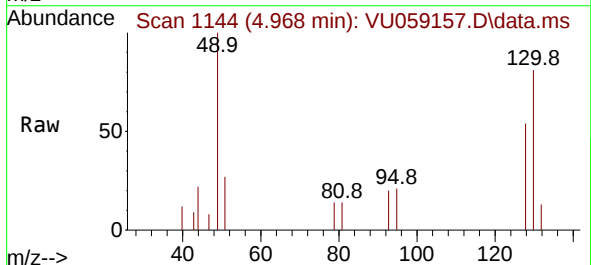
Manual Integrations
APPROVED

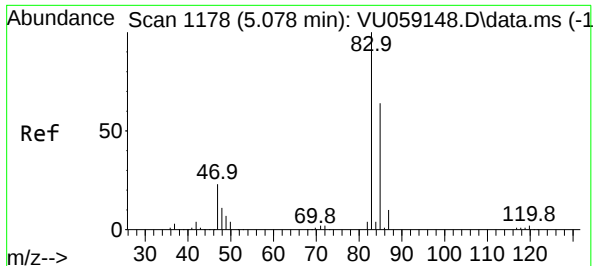
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#26
Bromochloromethane
Concen: 0.320 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion:128 Resp: 1518
Ion Ratio Lower Upper
128 100
49 181.2 0.0 371.2
130 144.9 104.1 156.1





#27

Chloroform

Concen: 0.326 ug/l

RT: 5.084 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 83 Resp: 7085

Ion Ratio Lower Upper

83 100

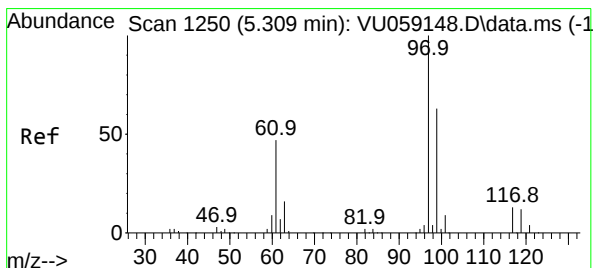
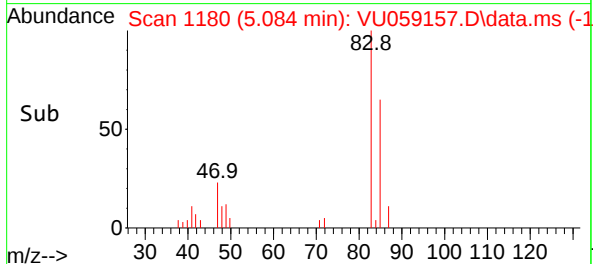
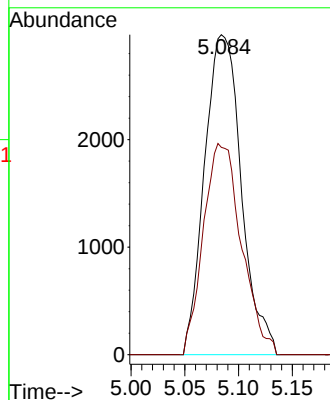
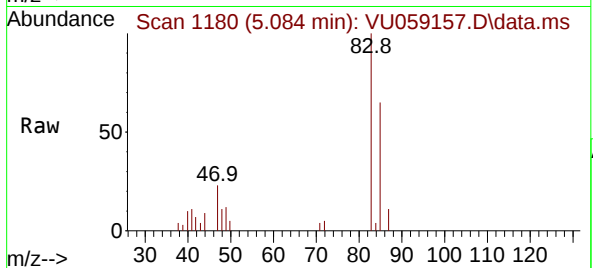
85 64.8 0.0 127.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#28

1,1,1-Trichloroethane

Concen: 0.340 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

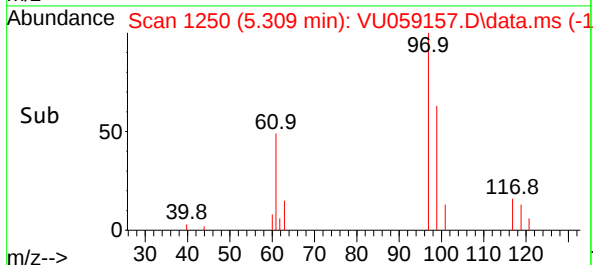
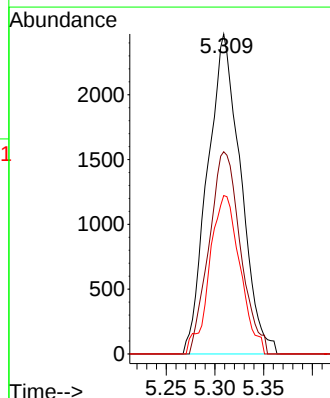
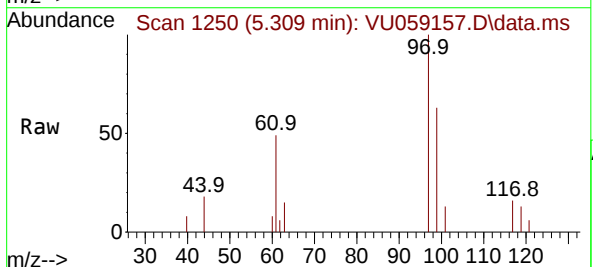
Tgt Ion: 97 Resp: 5836

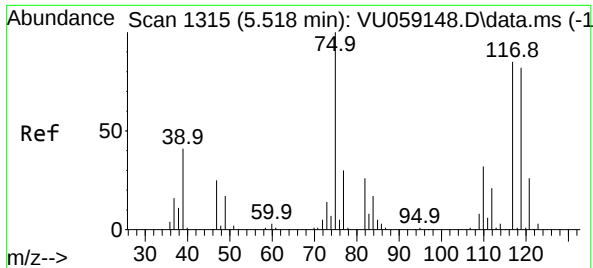
Ion Ratio Lower Upper

97 100

99 59.9 32.0 96.0

61 45.6 23.9 71.7





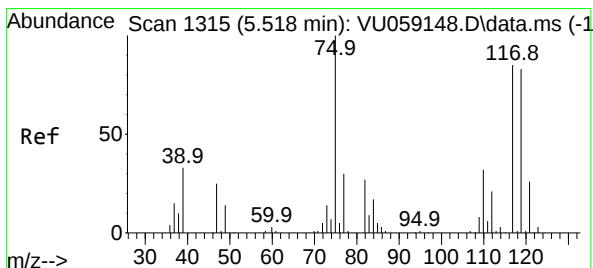
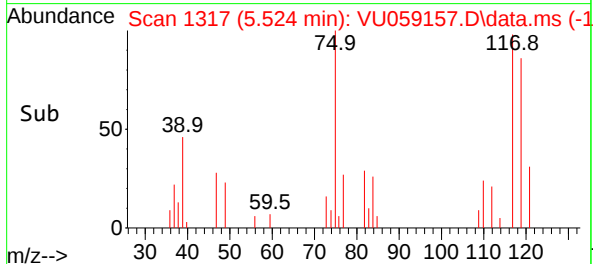
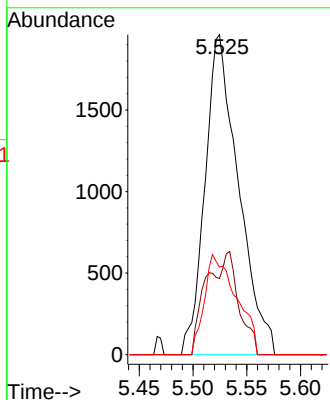
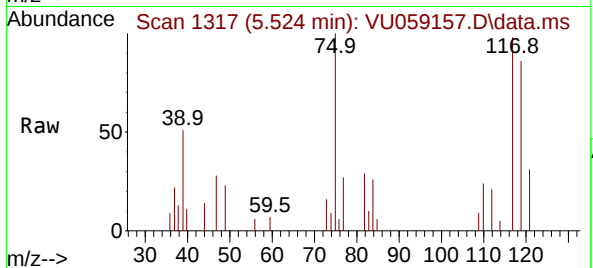
#29
1,1-Dichloropropene
Concen: 0.296 ug/l
RT: 5.524 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion: 75 Resp: 424
Ion Ratio Lower Upper
75 100
110 16.2 17.0 50.9
77 0.0 24.6 36.8

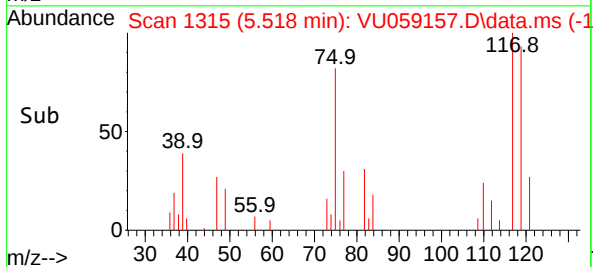
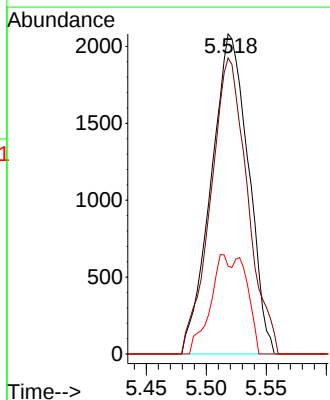
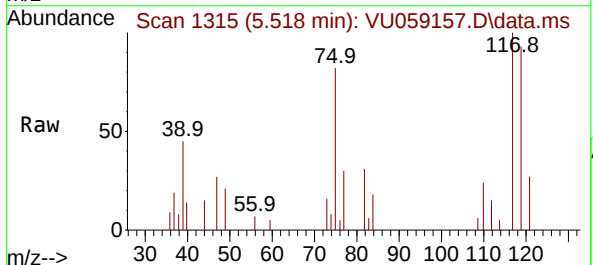
Manual Integrations
APPROVED

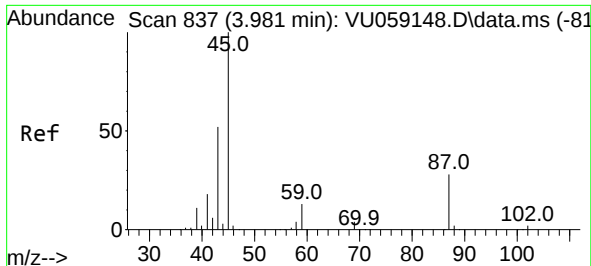
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#30
Carbon Tetrachloride
Concen: 0.319 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion:117 Resp: 4486
Ion Ratio Lower Upper
117 100
119 92.5 77.5 116.3
121 27.5 24.6 37.0





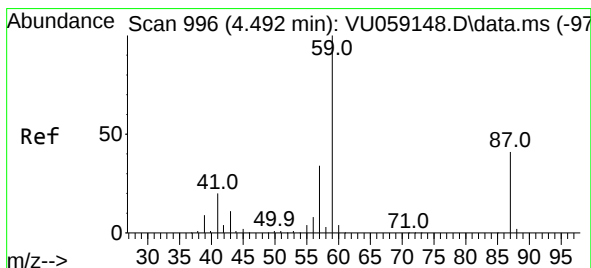
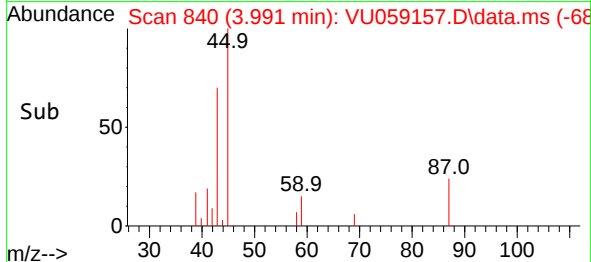
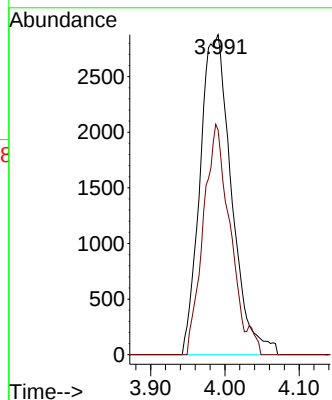
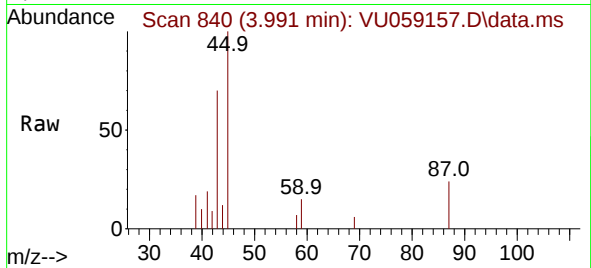
#31
Isopropyl Ether
Concen: 0.298 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion: 45 Resp: 845
Ion Ratio Lower Upper
45 100
43 60.0 26.1 78.3

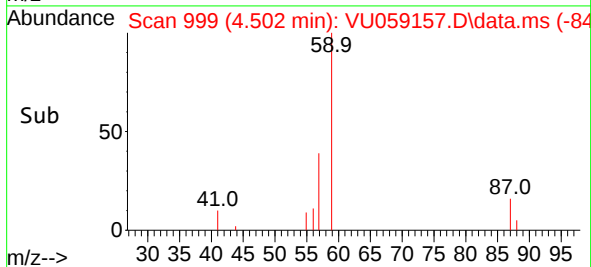
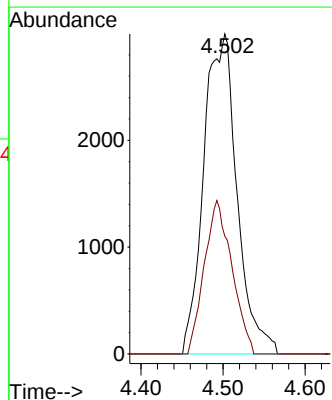
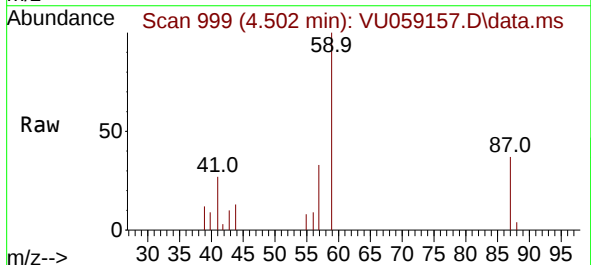
Manual Integrations
APPROVED

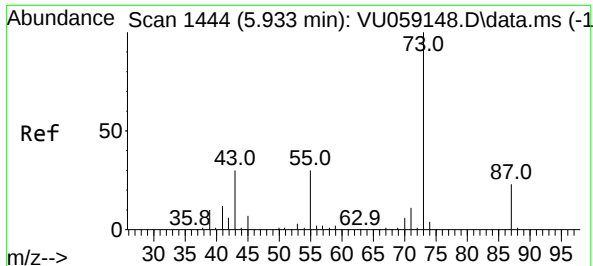
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#32
Ethyl-t-butyl ether
Concen: 0.320 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

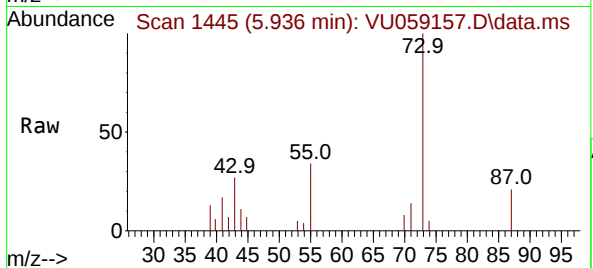
Tgt Ion: 59 Resp: 8441
Ion Ratio Lower Upper
59 100
87 39.8 32.2 48.4





#33
Tert-Amyl methyl ether
Concen: 0.302 ug/l
RT: 5.936 min Scan# 1444
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

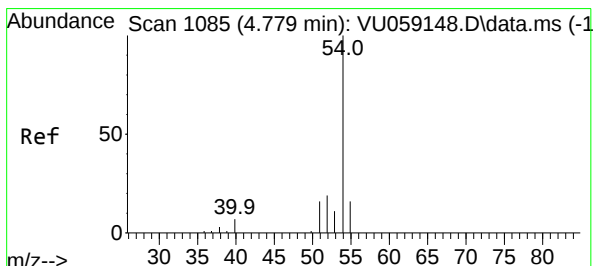
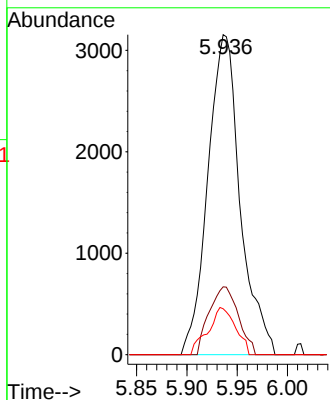
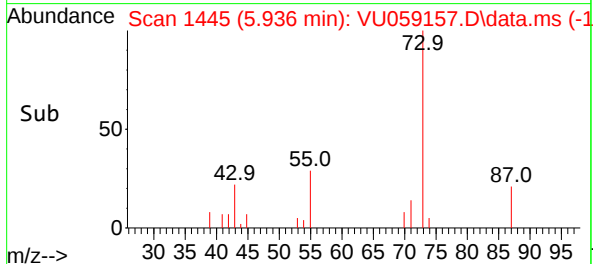
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 73 Resp: 7040
Ion Ratio Lower Upper
73 100
87 19.1 18.6 27.8
71 12.5 9.1 13.7

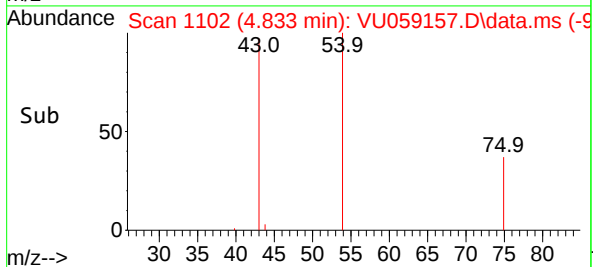
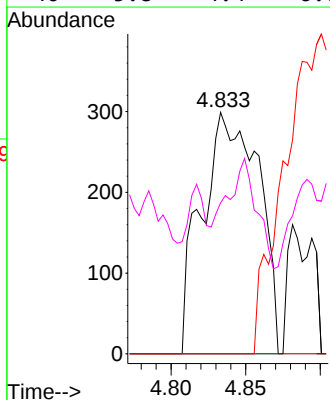
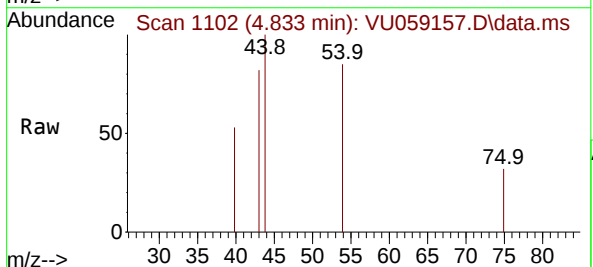
Manual Integrations
APPROVED

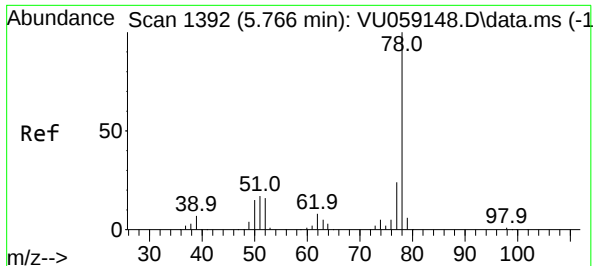
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#34
Propionitrile
Concen: 0.964 ug/l m
RT: 4.833 min Scan# 1102
Delta R.T. 0.055 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 54 Resp: 797
Ion Ratio Lower Upper
54 100
52 0.0 15.2 22.8#
55 0.0 12.4 18.6#
40 5.8 4.4 6.6





#35

Benzene

Concen: 0.311 ug/l

RT: 5.772 min Scan# 1405

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 78 Resp: 1405

Ion Ratio Lower Upper

78 100

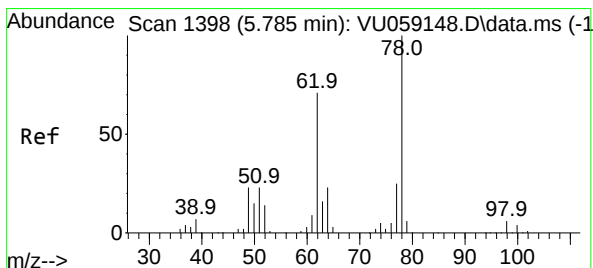
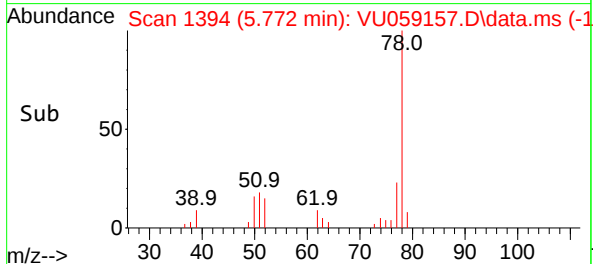
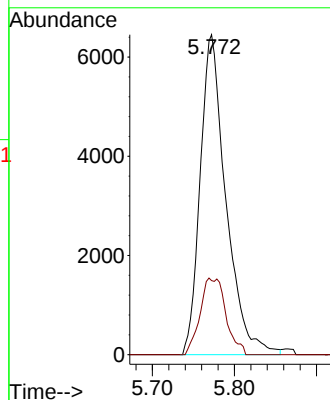
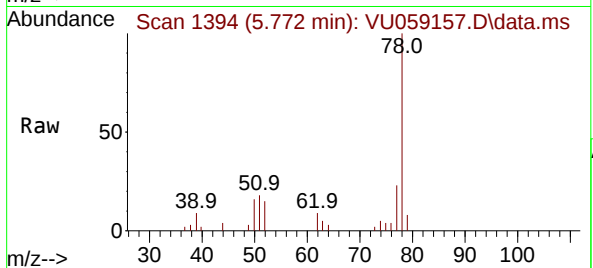
77 23.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#36

1,2-Dichloroethane

Concen: 0.322 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU059157.D

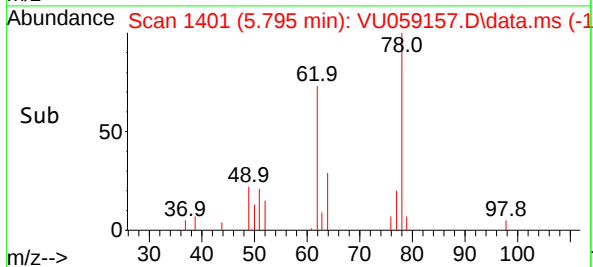
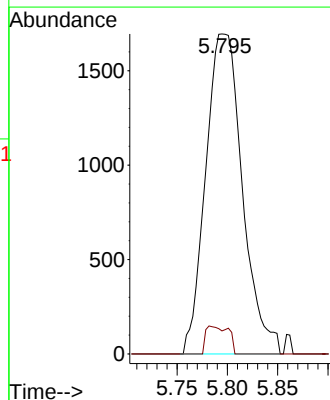
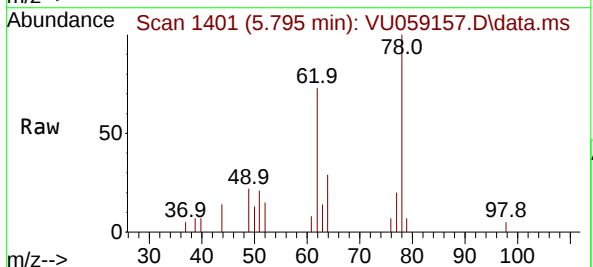
Acq: 05 Jun 2024 18:50

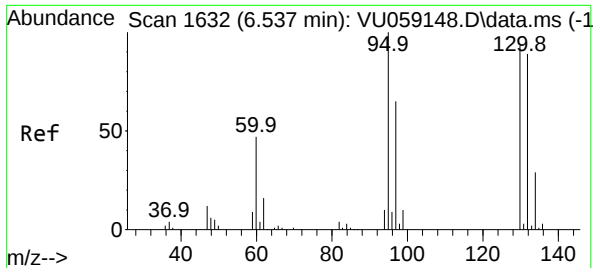
Tgt Ion: 62 Resp: 4309

Ion Ratio Lower Upper

62 100

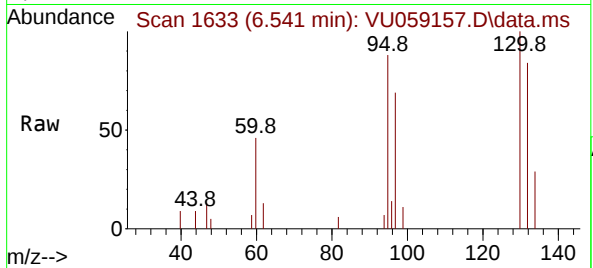
98 3.7 6.7 10.1#





#37
Trichloroethene
Concen: 0.364 ug/l
RT: 6.541 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

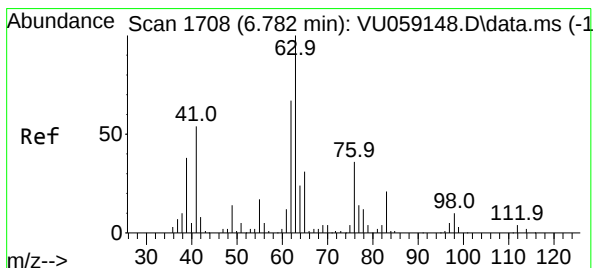
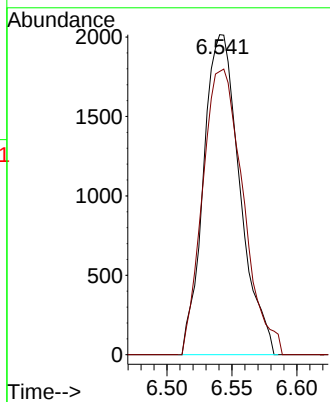
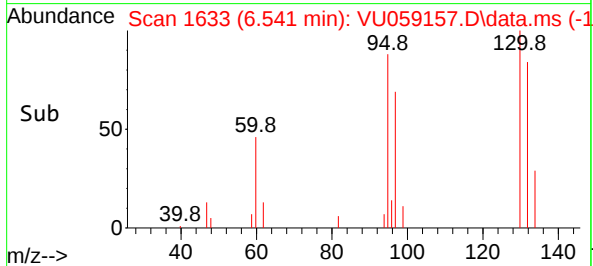
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:130 Resp: 3925
Ion Ratio Lower Upper
130 100
95 88.5 85.6 128.4

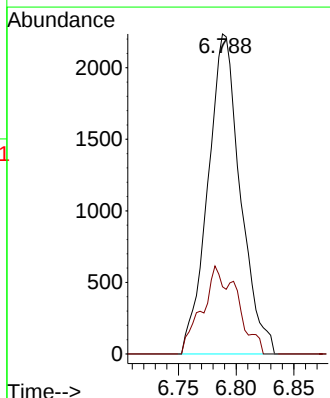
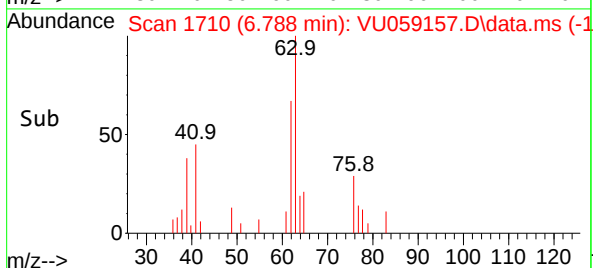
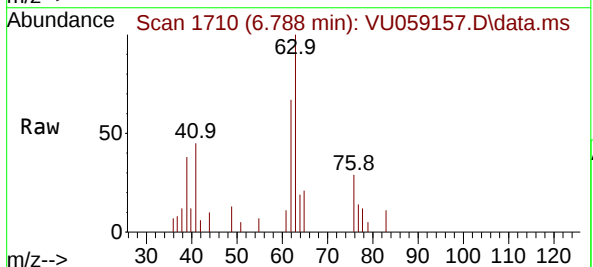
Manual Integrations
APPROVED

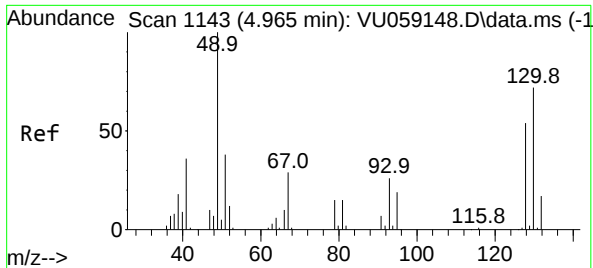
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#38
1,2-Dichloropropane
Concen: 0.340 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

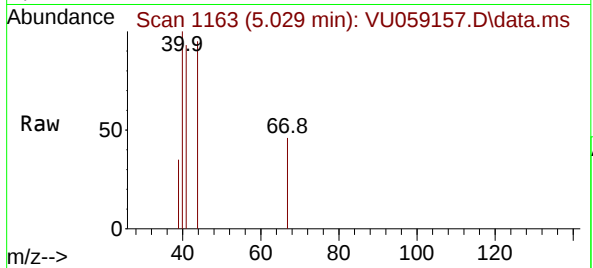
Tgt Ion: 63 Resp: 4364
Ion Ratio Lower Upper
63 100
65 21.0 24.6 37.0#





#39
Methacrylonitrile
Concen: 0.262 ug/l m
RT: 5.029 min Scan# 1163
Delta R.T. 0.064 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

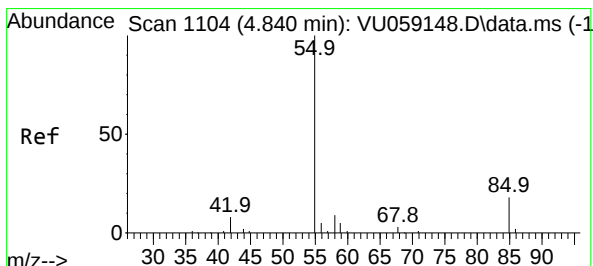
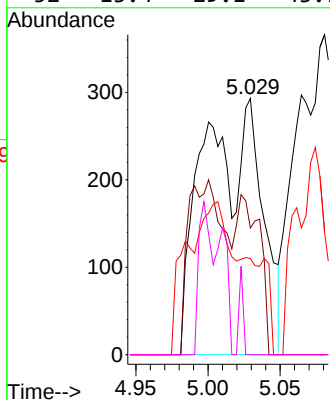
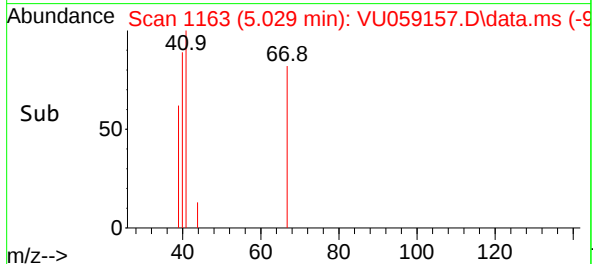
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



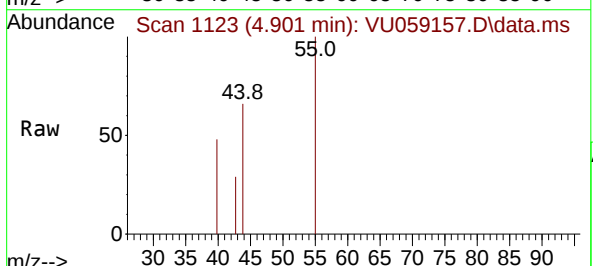
Tgt Ion:	41	Resp:	80
Ion	Ratio	Lower	Upper
41	100		
67	16.2	68.2	102.4
39	45.2	43.4	65.2
52	13.4	29.1	43.7

Manual Integrations
APPROVED

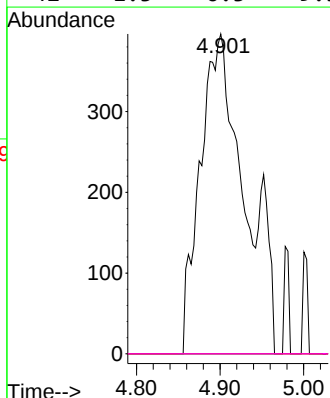
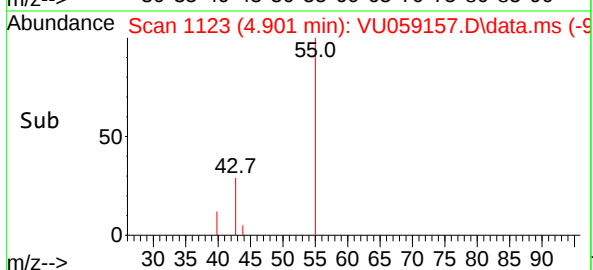
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

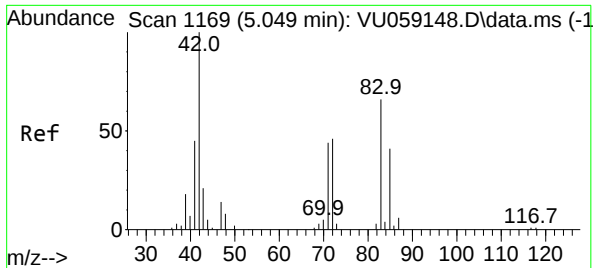


#40
Methyl acrylate
Concen: 0.272 ug/l m
RT: 4.901 min Scan# 1123
Delta R.T. 0.061 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



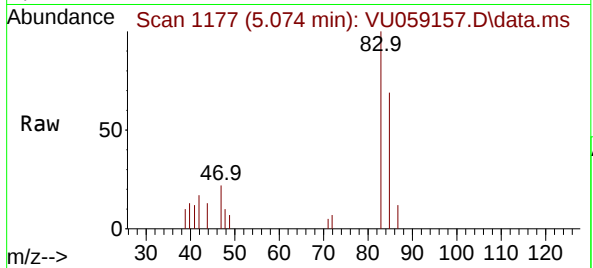
Tgt Ion:	55	Resp:	1467
Ion	Ratio	Lower	Upper
55	100		
85	0.0	11.8	17.6
58	0.0	6.0	9.0
42	1.3	6.3	9.5





#41
Tetrahydrofuran
Concen: 0.709 ug/l m
RT: 5.074 min Scan# 1170
Delta R.T. 0.026 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

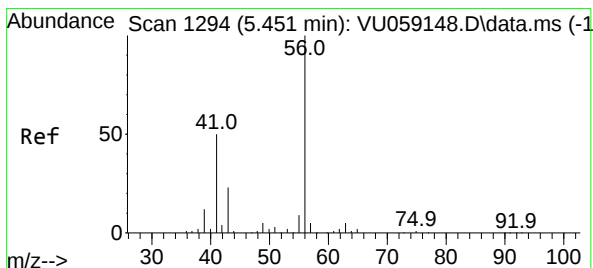
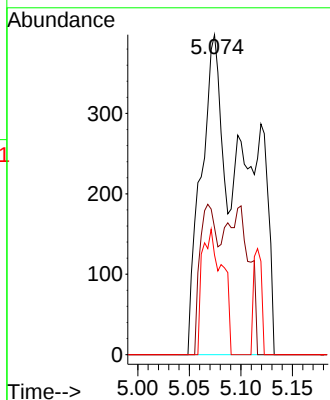
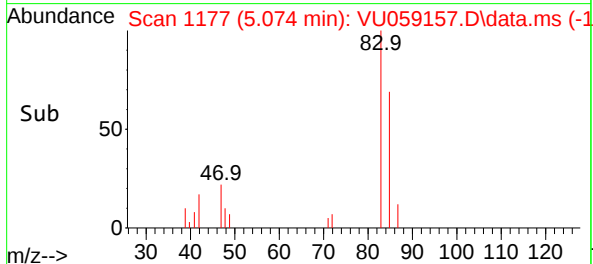
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



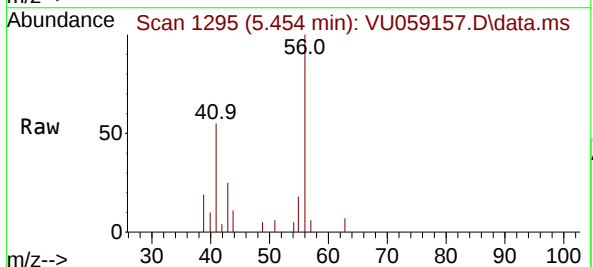
Tgt Ion: 42 Resp: 1170
Ion Ratio Lower Upper
42 100
72 17.9 40.7 61.1
71 18.2 36.5 54.7

Manual Integrations
APPROVED

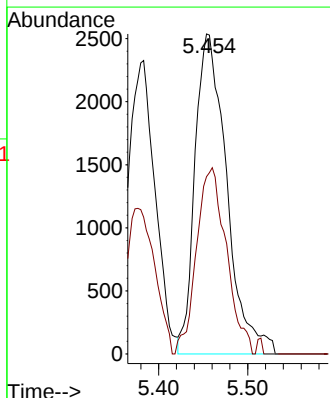
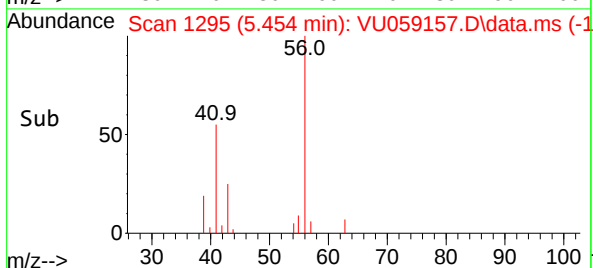
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

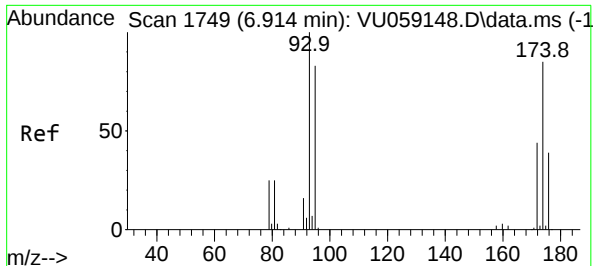


#42
1-Chlorobutane
Concen: 0.315 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



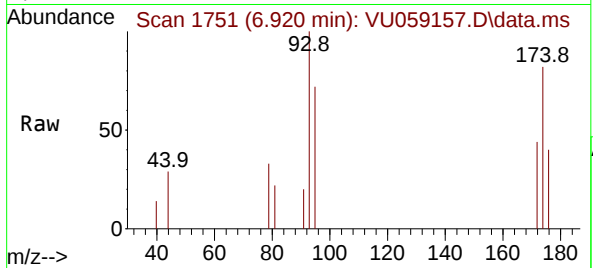
Tgt Ion: 56 Resp: 6262
Ion Ratio Lower Upper
56 100
41 55.0 25.7 77.1





#43
Dibromomethane
Concen: 0.346 ug/l
RT: 6.920 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

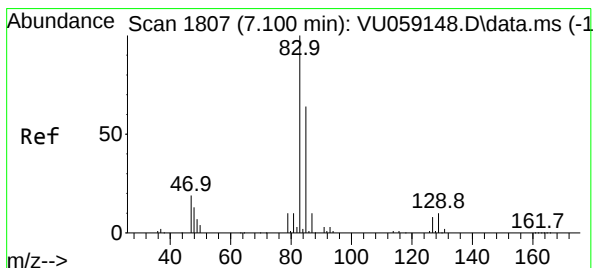
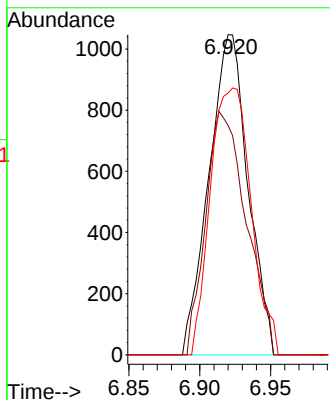
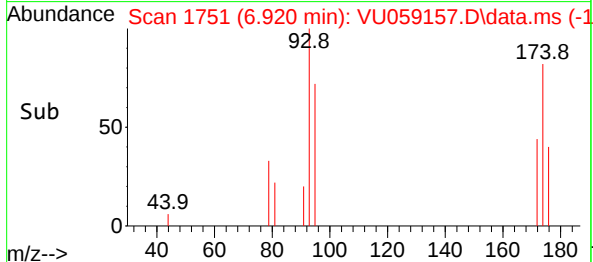
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



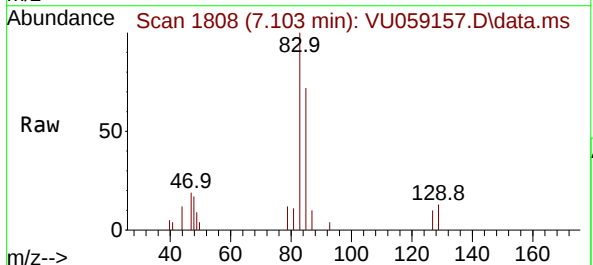
Tgt Ion: 93 Resp: 2008
Ion Ratio Lower Upper
93 100
95 79.1 66.1 99.1
174 86.9 67.2 100.8

Manual Integrations
APPROVED

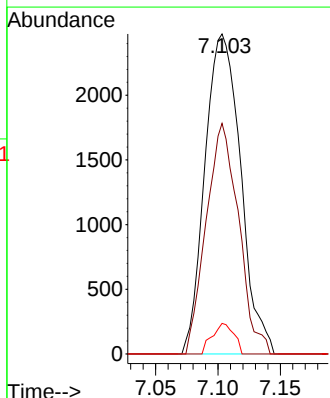
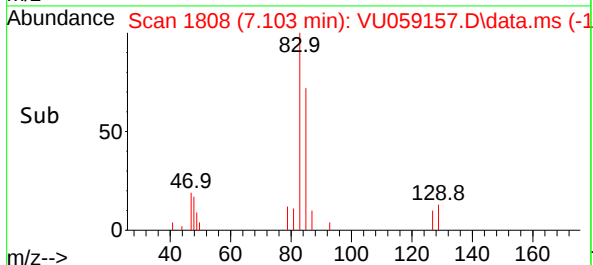
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

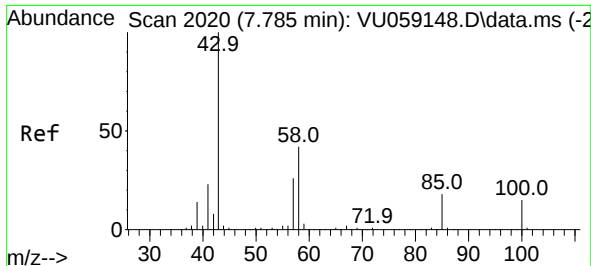


#44
Bromodichloromethane
Concen: 0.328 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



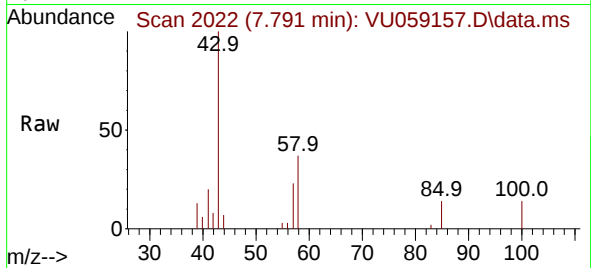
Tgt Ion: 83 Resp: 4937
Ion Ratio Lower Upper
83 100
85 72.0 51.0 76.4
127 9.6 6.4 9.6





#45
4-Methyl-2-Pentanone
Concen: 1.604 ug/l
RT: 7.791 min Scan# 2022
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

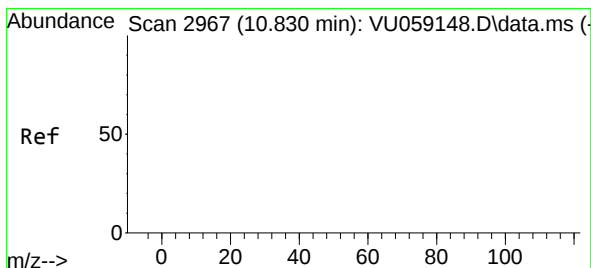
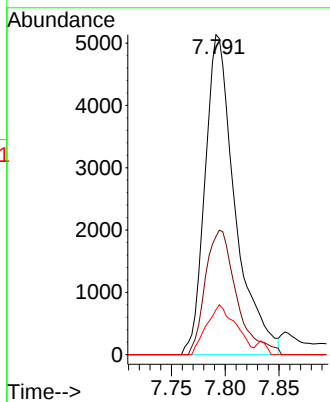
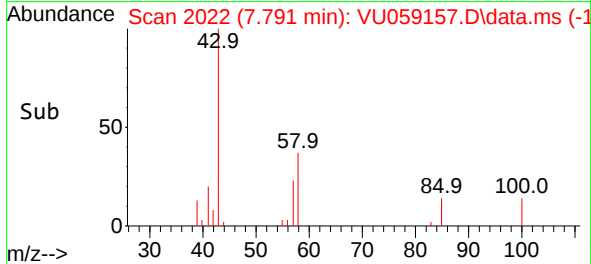
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
58 40.4 21.1 63.3
85 15.4 14.6 22.0

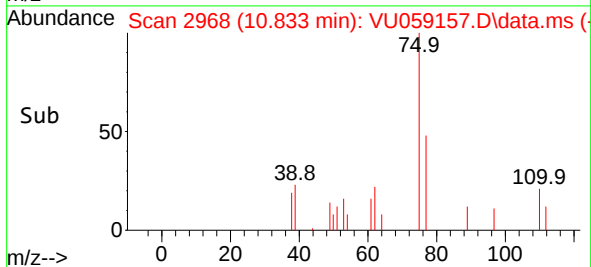
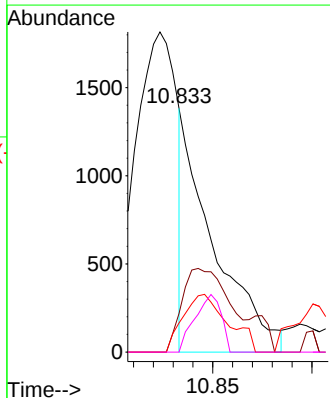
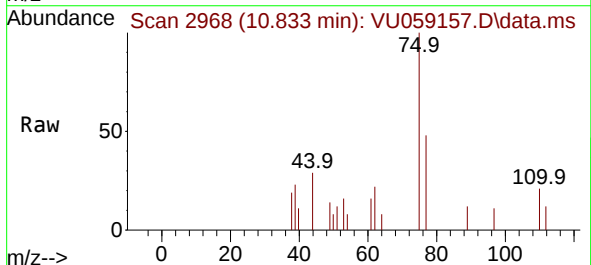
Manual Integrations
APPROVED

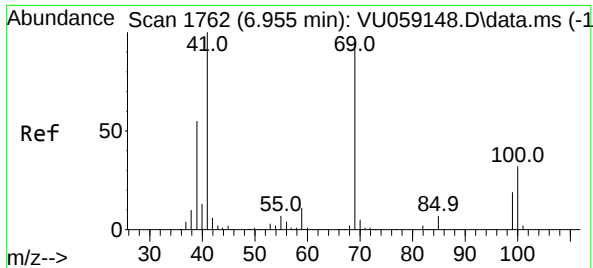
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#46
t-1,4-Dichloro-2-butene
Concen: 0.564 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

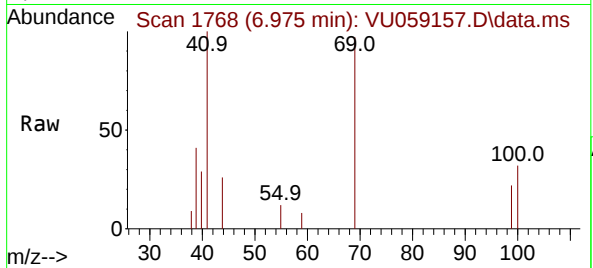
Tgt Ion: 75 Resp: 1491
Ion Ratio Lower Upper
75 100
53 51.4 72.2 108.4#
89 34.3 47.0 70.4#
88 20.2 34.5 51.7#





#47
Methyl methacrylate
Concen: 0.557 ug/l
RT: 6.975 min Scan# 1768
Delta R.T. 0.019 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

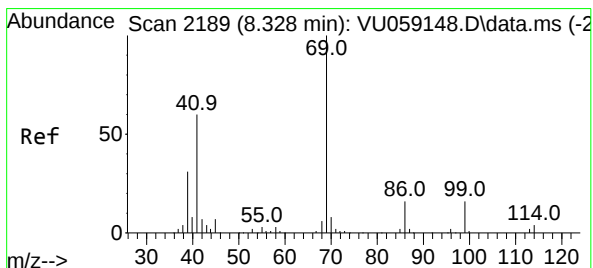
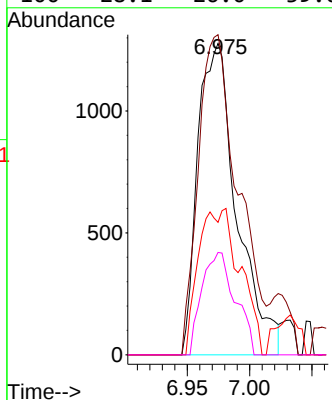
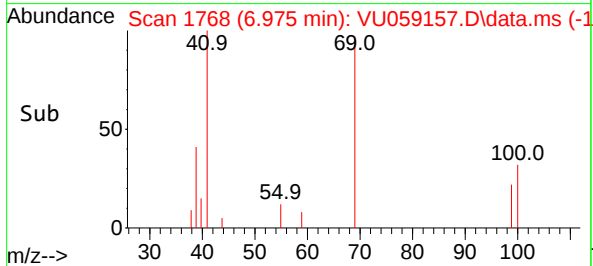
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 69 Resp: 277
Ion Ratio Lower Upper
69 100
41 105.5 0.0 208.8
39 25.0 46.0 69.0
100 28.1 26.0 39.0

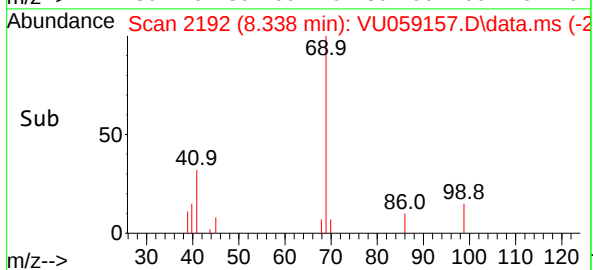
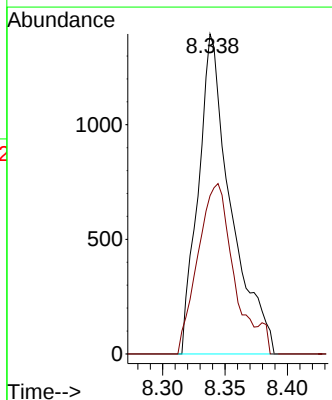
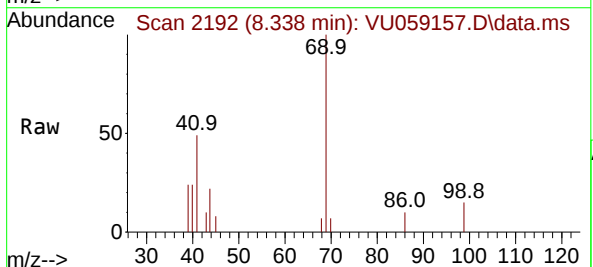
Manual Integrations
APPROVED

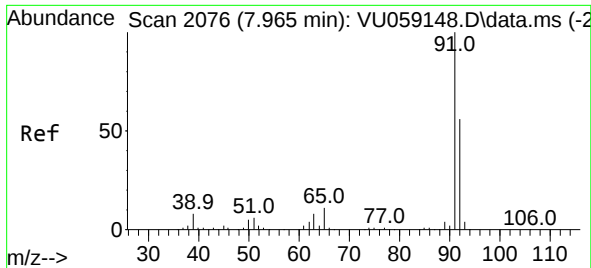
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#48
Ethyl methacrylate
Concen: 0.287 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 69 Resp: 2525
Ion Ratio Lower Upper
69 100
41 59.9 30.2 90.6





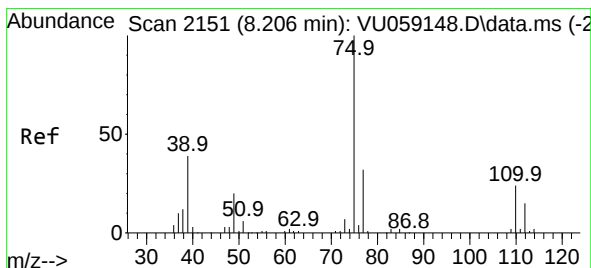
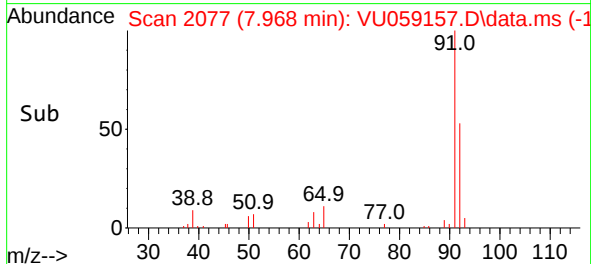
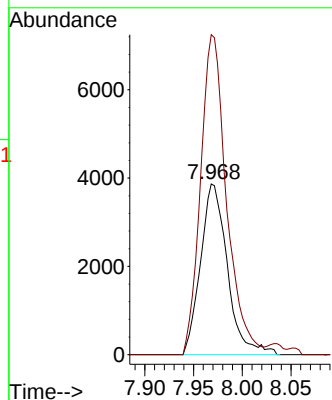
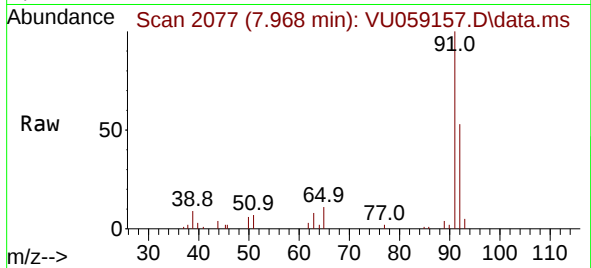
#49
Toluene
Concen: 0.298 ug/l
RT: 7.968 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion: 92 Resp: 7410
Ion Ratio Lower Upper
92 100
91 181.0 143.4 215.0

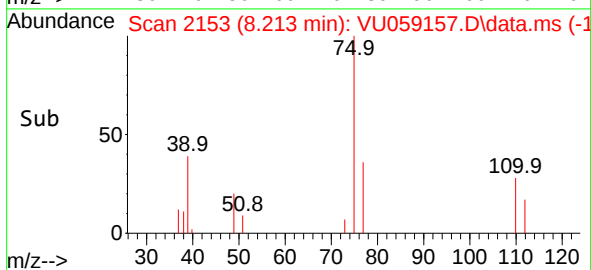
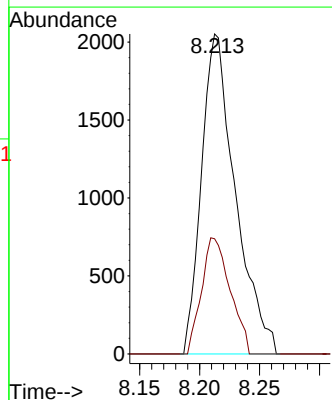
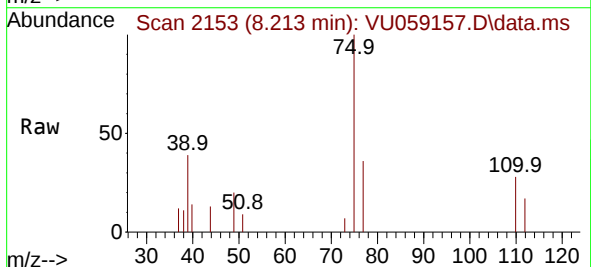
Manual Integrations
APPROVED

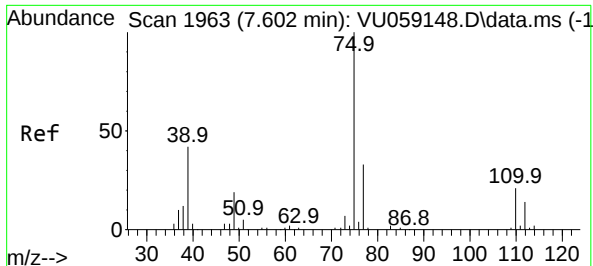
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#50
t-1,3-Dichloropropene
Concen: 0.313 ug/l
RT: 8.213 min Scan# 2153
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

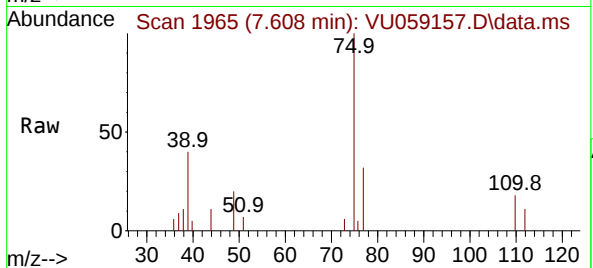
Tgt Ion: 75 Resp: 4031
Ion Ratio Lower Upper
75 100
77 36.0 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.319 ug/l
 RT: 7.608 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VU059157.D
 Acq: 05 Jun 2024 18:50

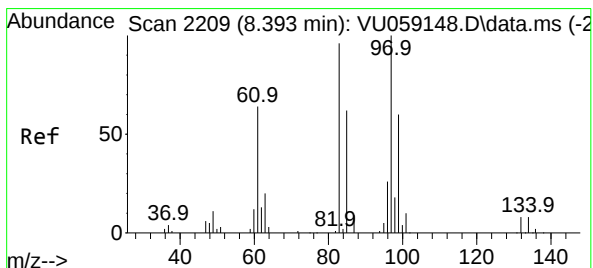
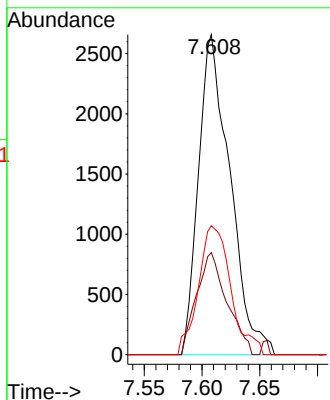
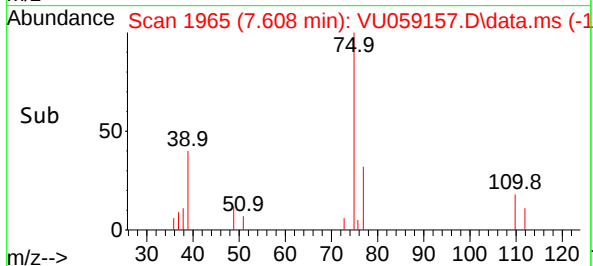
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 75 Resp: 5030
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.0 39.0
 39 38.5 33.2 49.8

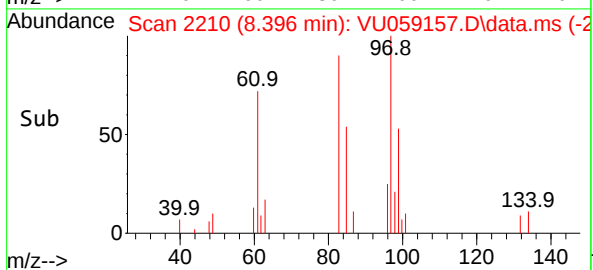
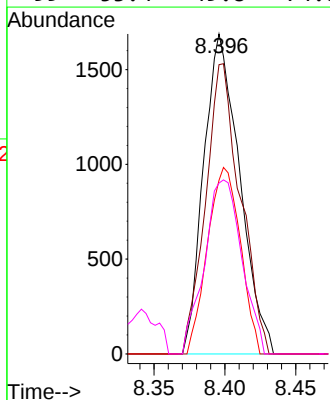
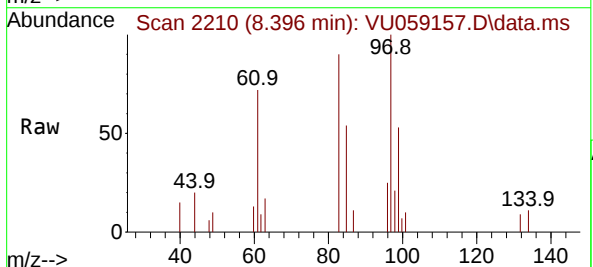
Manual Integrations
 APPROVED

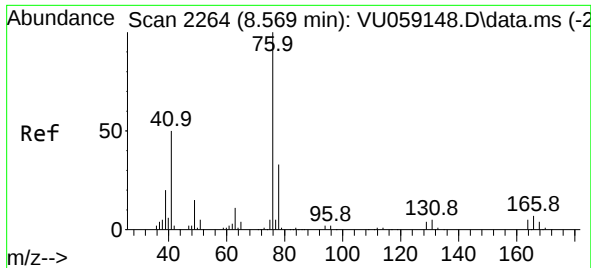
Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.346 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU059157.D
 Acq: 05 Jun 2024 18:50

Tgt Ion: 97 Resp: 2972
 Ion Ratio Lower Upper
 97 100
 83 90.4 76.4 114.6
 85 54.3 49.6 74.4
 99 53.4 49.8 74.8





#53

1,3-Dichloropropane

Concen: 0.320 ug/l

RT: 8.576 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU059157.D

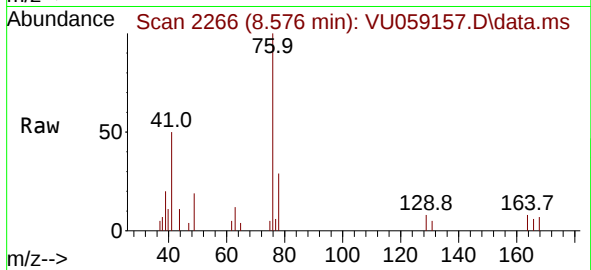
Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 76 Resp: 4740

Ion Ratio Lower Upper

76 100

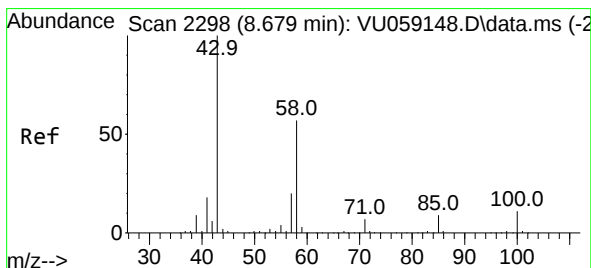
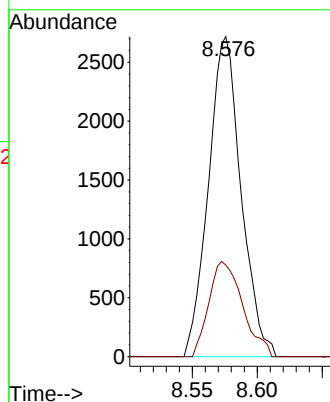
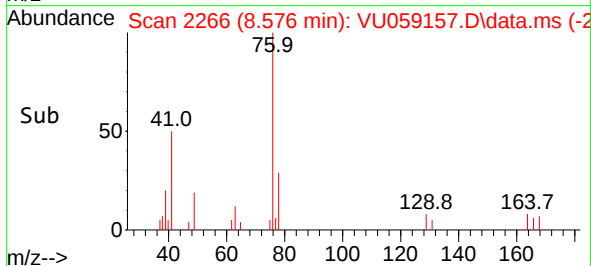
78 30.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#54

2-Hexanone

Concen: 1.316 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.016 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

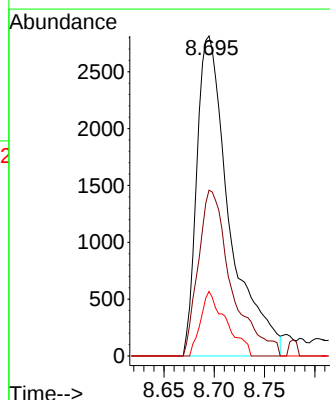
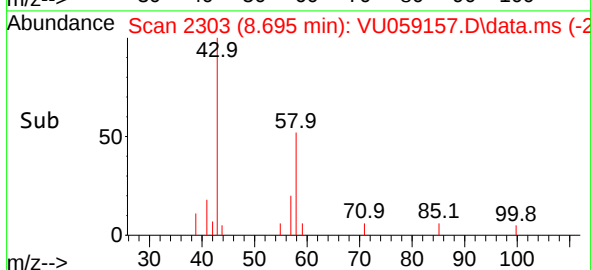
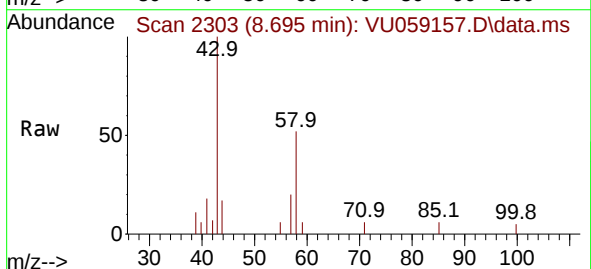
Tgt Ion: 43 Resp: 6354

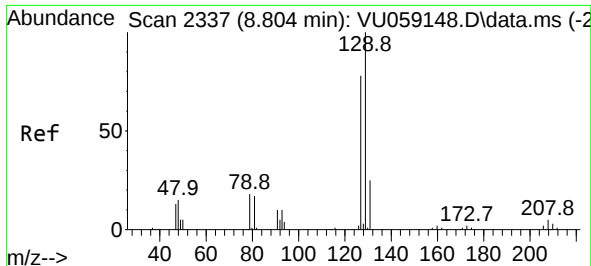
Ion Ratio Lower Upper

43 100

58 52.2 38.6 78.6

57 15.8 0.0 39.5





#55

Dibromochloromethane

Concen: 0.318 ug/l

RT: 8.807 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:129 Resp: 2952

Ion Ratio Lower Upper

129 100

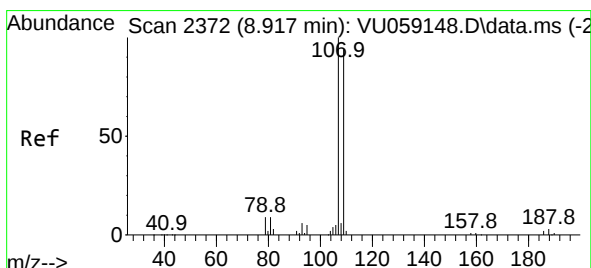
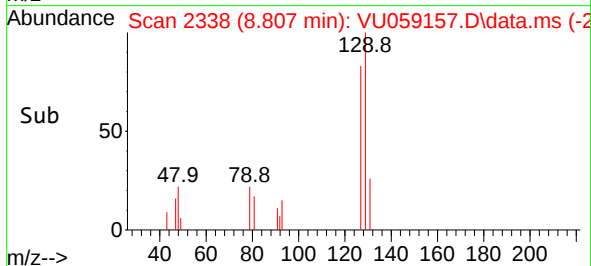
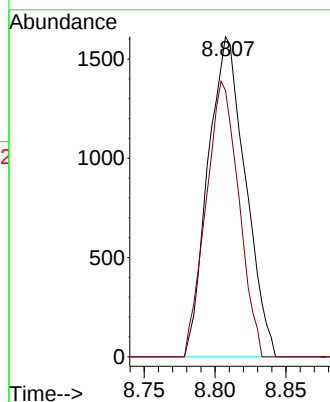
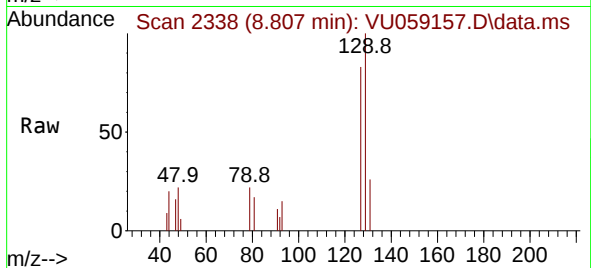
127 75.6 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#56

1,2-Dibromoethane

Concen: 0.352 ug/l

RT: 8.926 min Scan# 2375

Delta R.T. 0.010 min

Lab File: VU059157.D

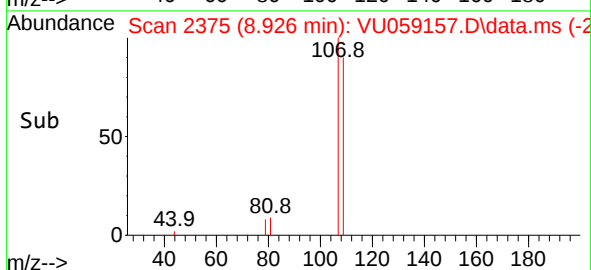
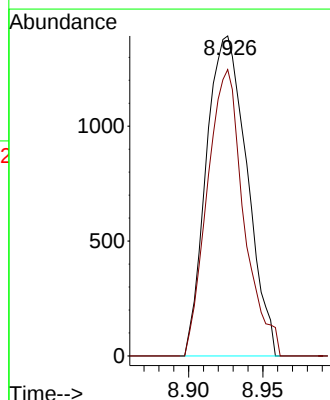
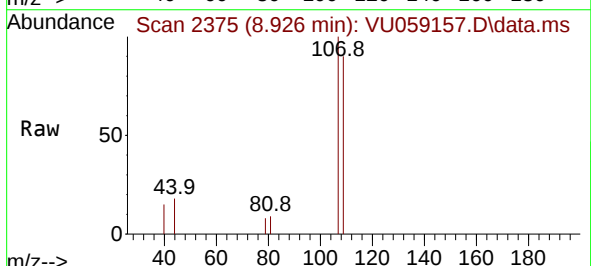
Acq: 05 Jun 2024 18:50

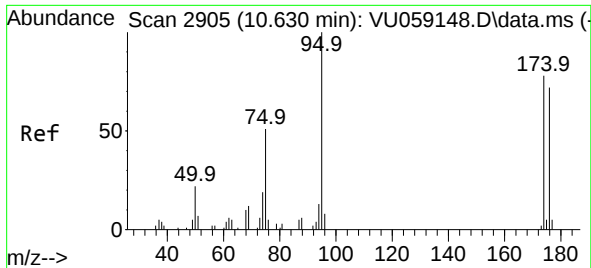
Tgt Ion:107 Resp: 2653

Ion Ratio Lower Upper

107 100

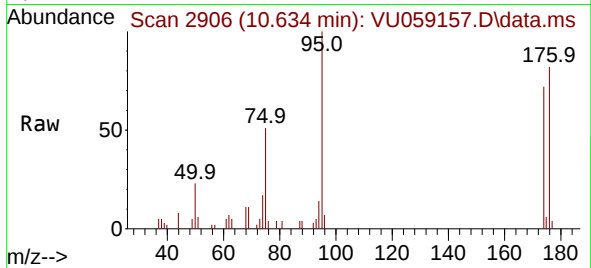
109 80.5 0.0 188.2





#57
4-Bromofluorobenzene
Concen: 0.901 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

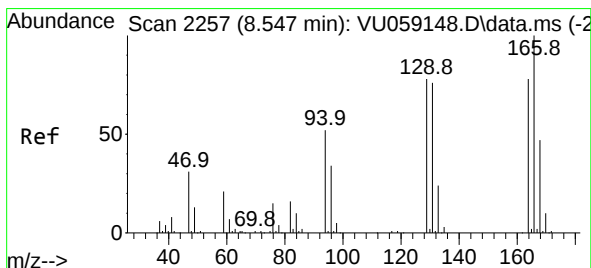
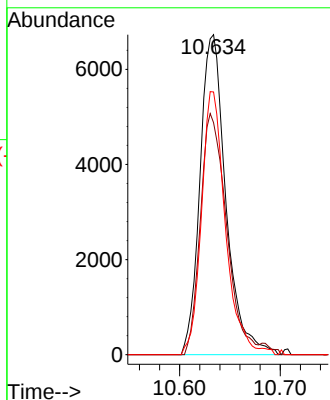
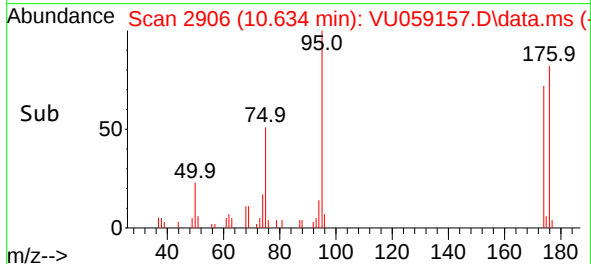
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 95 Resp: 12050
Ion Ratio Lower Upper
95 100
174 76.1 59.6 89.4
176 76.3 57.3 85.9

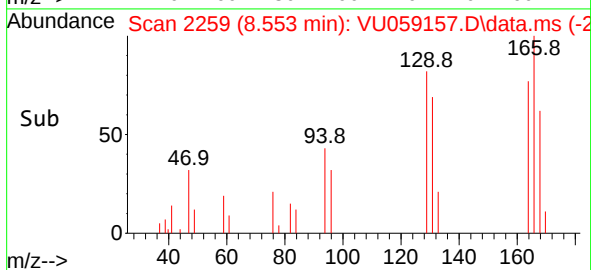
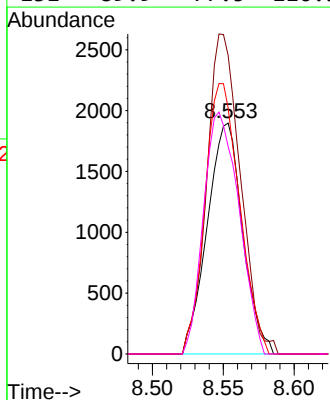
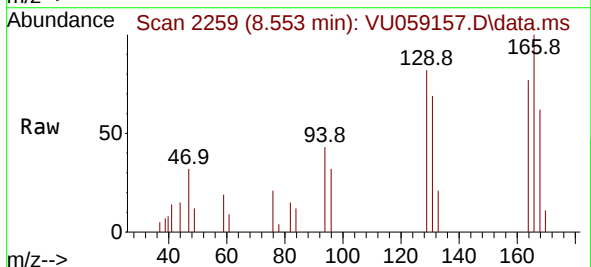
Manual Integrations
APPROVED

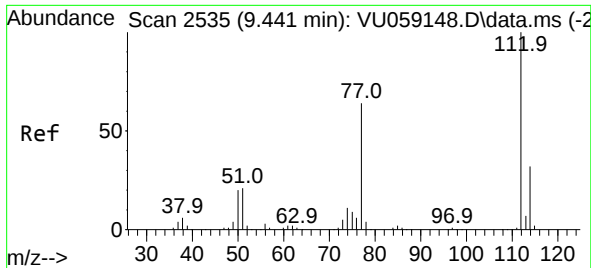
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#58
Tetrachloroethene
Concen: 0.330 ug/l
RT: 8.553 min Scan# 2259
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

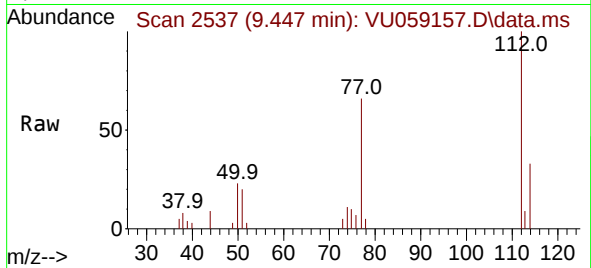
Tgt Ion:164 Resp: 3281
Ion Ratio Lower Upper
164 100
166 129.4 102.6 153.8
129 106.7 80.3 120.5
131 89.9 77.5 116.3





#59
Chlorobenzene
Concen: 0.321 ug/l
RT: 9.447 min Scan# 2535
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

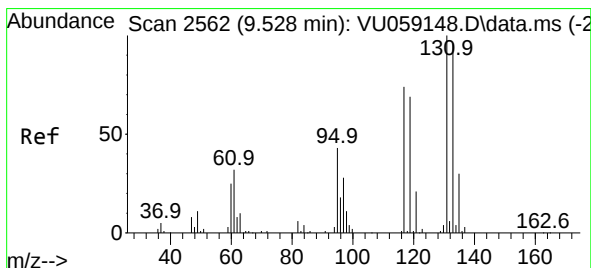
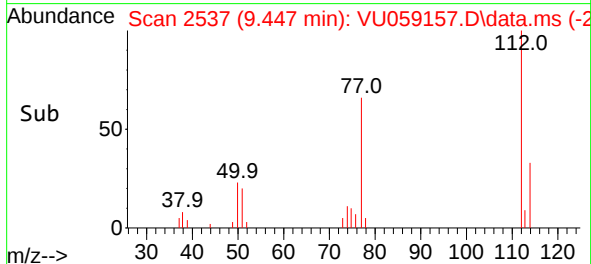
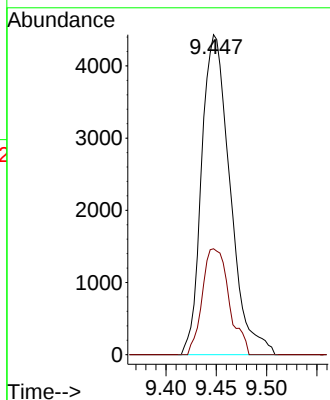
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:112 Resp: 8735
Ion Ratio Lower Upper
112 100
114 33.1 25.6 38.4

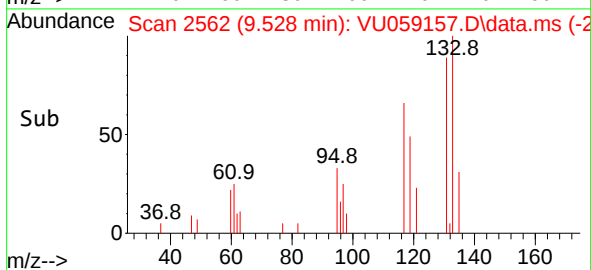
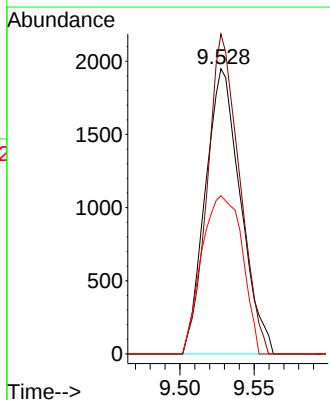
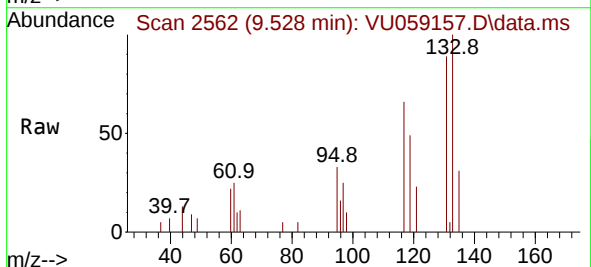
Manual Integrations
APPROVED

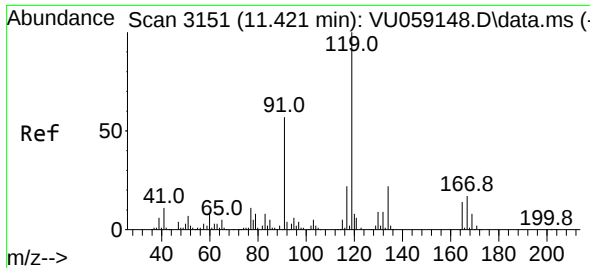
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.329 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

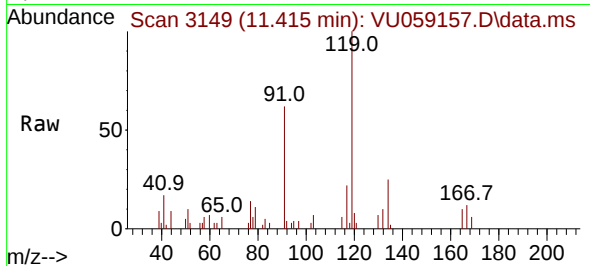
Tgt Ion:131 Resp: 3204
Ion Ratio Lower Upper
131 100
133 102.7 76.7 115.1
119 63.8 55.3 82.9





#61
Pentachloroethane
Concen: 0.274 ug/l
RT: 11.415 min Scan# 3151
Delta R.T. -0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

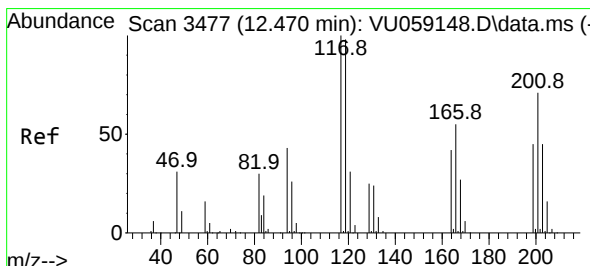
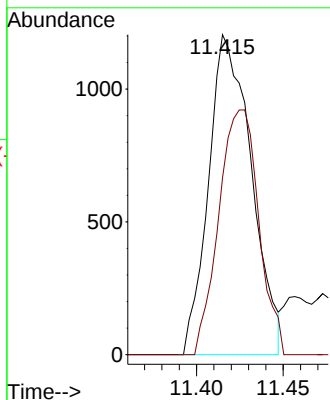
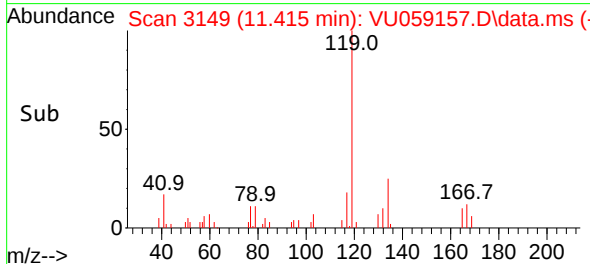
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:117 Resp: 2070
Ion Ratio Lower Upper
117 100
167 71.4 58.1 87.1

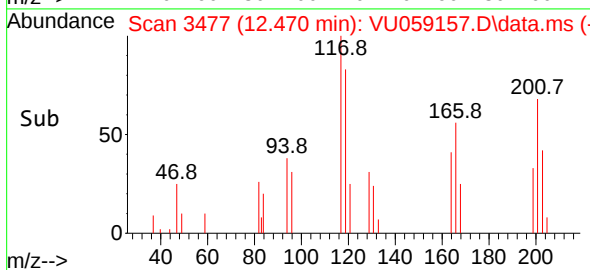
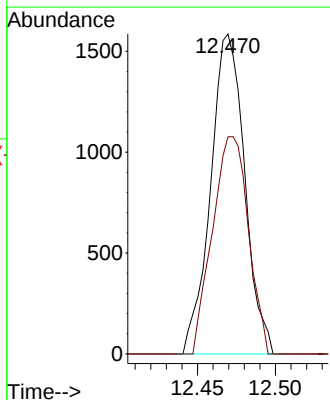
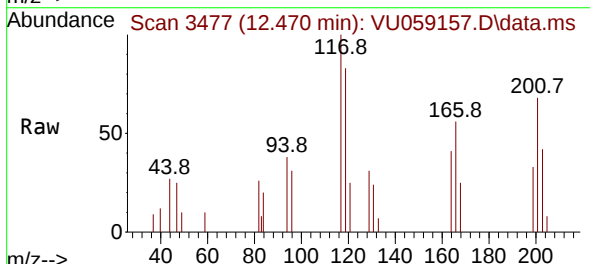
Manual Integrations
APPROVED

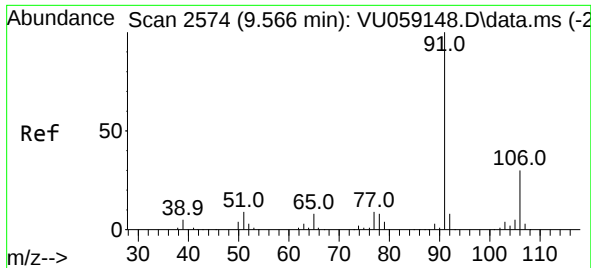
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#62
Hexachloroethane
Concen: 0.314 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion:117 Resp: 2411
Ion Ratio Lower Upper
117 100
201 71.5 55.8 83.8





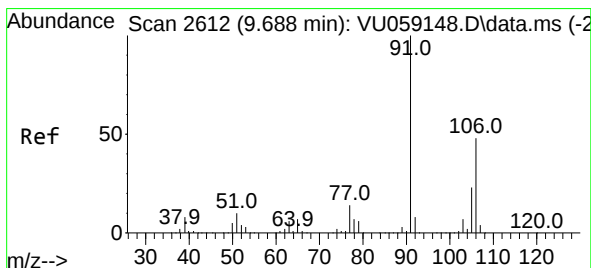
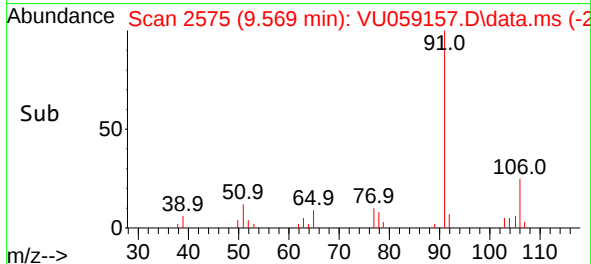
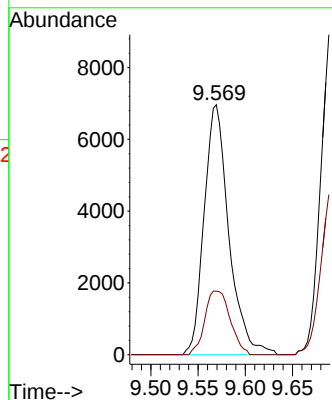
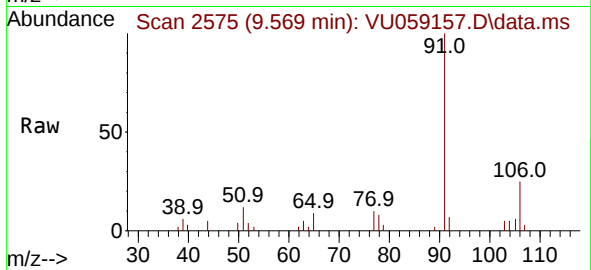
#63
Ethyl Benzene
Concen: 0.276 ug/l
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion: 91 Resp: 1268
Ion Ratio Lower Upper
91 100
106 25.4 23.9 35.9

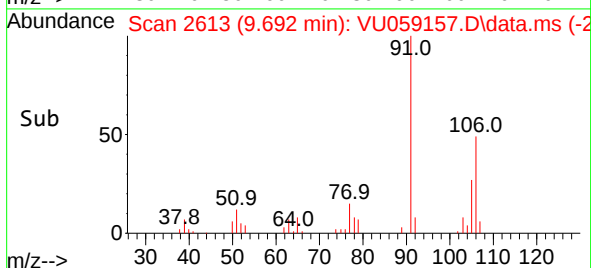
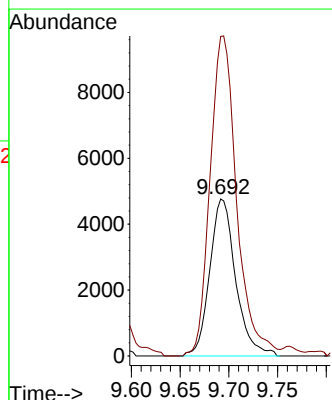
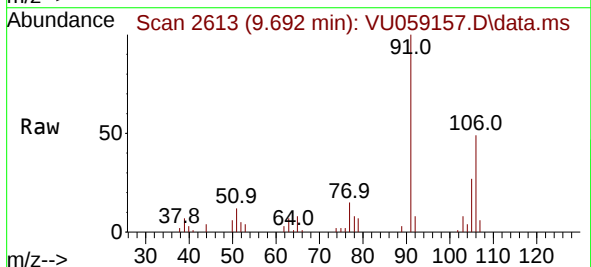
Manual Integrations
APPROVED

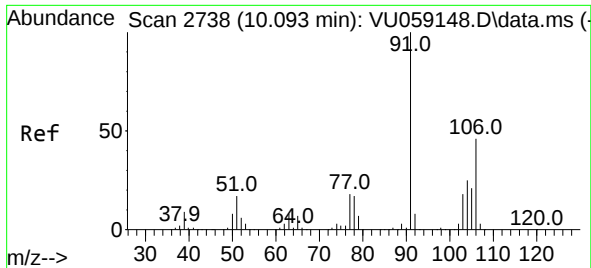
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#64
m/p-Xylenes
Concen: 0.509 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion:106 Resp: 8817
Ion Ratio Lower Upper
106 100
91 209.3 166.4 249.6





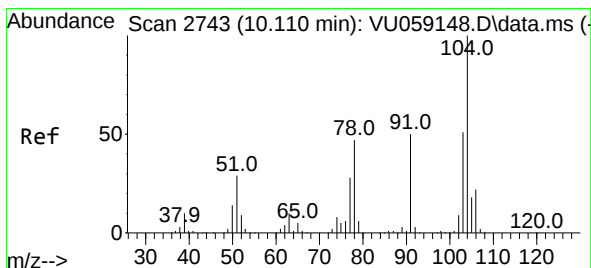
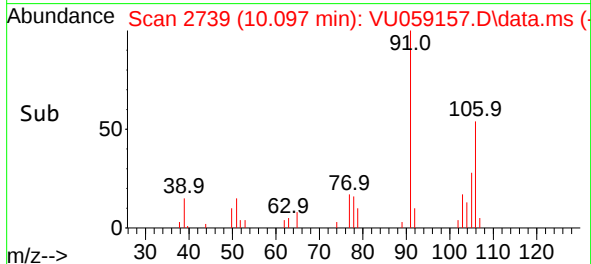
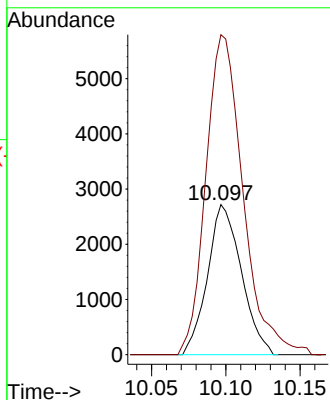
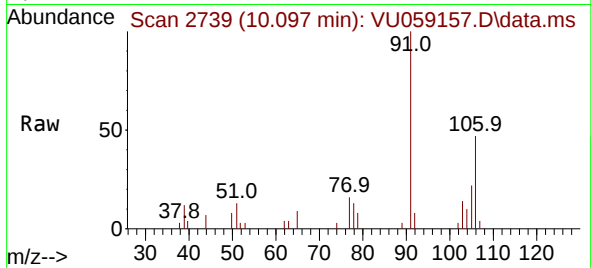
#65
o-Xylene
Concen: 0.252 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion:106 Resp: 4308
Ion Ratio Lower Upper
106 100
91 234.1 110.7 332.1

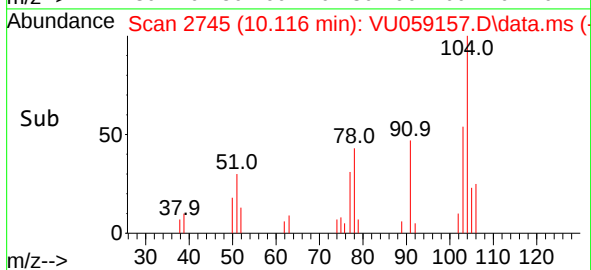
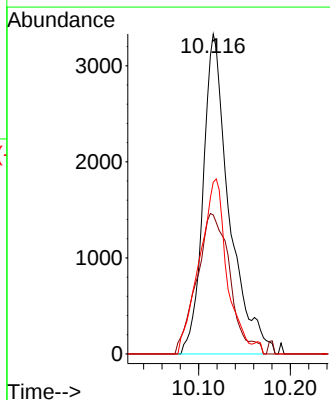
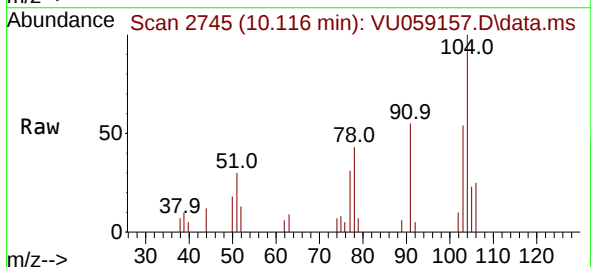
Manual Integrations
APPROVED

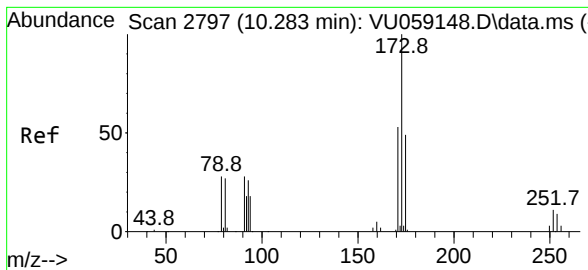
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#66
Styrene
Concen: 0.241 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

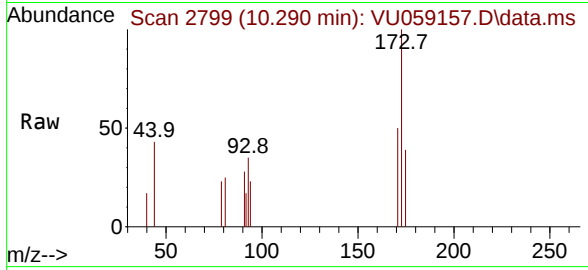
Tgt Ion:104 Resp: 6577
Ion Ratio Lower Upper
104 100
78 55.9 41.6 62.4
103 57.5 44.6 66.8





#67
Bromoform
Concen: 0.337 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

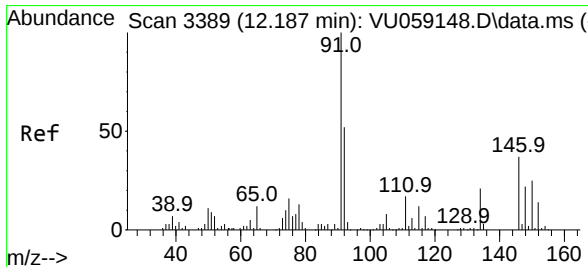
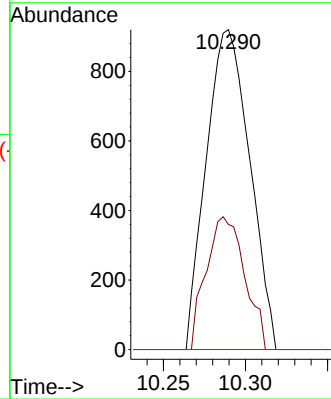
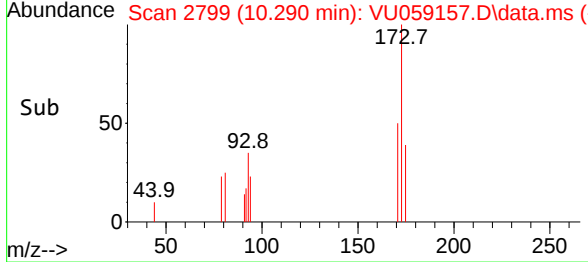
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



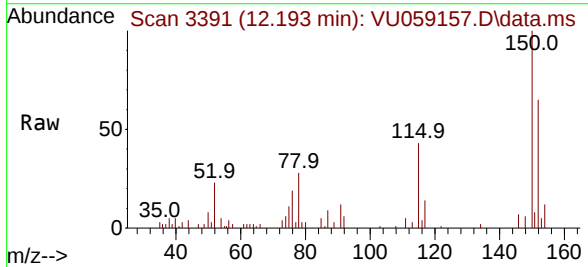
Tgt Ion:173 Resp: 169
Ion Ratio Lower Upper
173 100
175 36.8 40.1 60.1
254 0.0 7.0 10.4

Manual Integrations
APPROVED

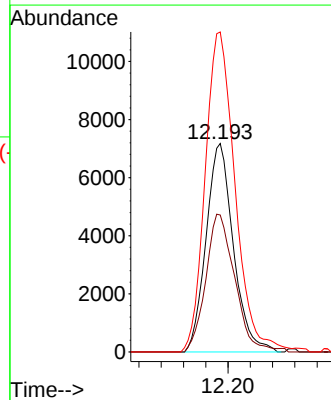
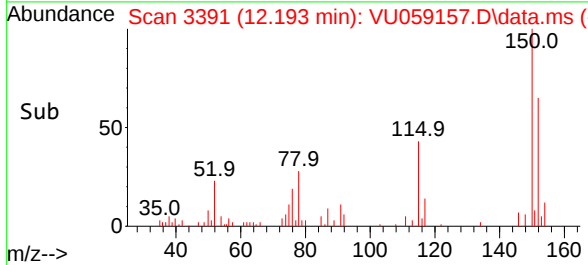
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

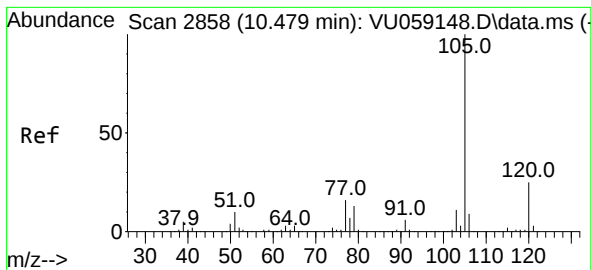


#68
1,2-Dichlorobenzene-d4
Concen: 0.874 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



Tgt Ion:152 Resp: 12232
Ion Ratio Lower Upper
152 100
115 70.2 0.0 293.2
150 168.5 0.0 636.0





#69

Isopropylbenzene

Concen: 0.266 ug/l

RT: 10.483 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:105 Resp: 11634

Ion Ratio Lower Upper

105 100

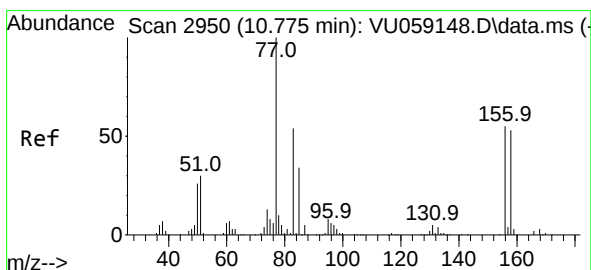
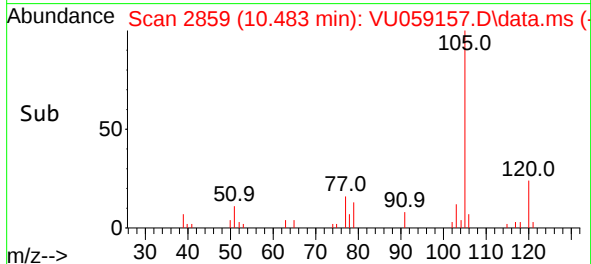
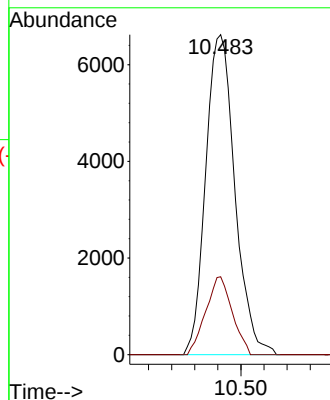
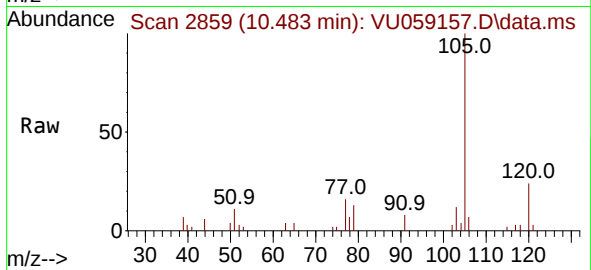
120 22.0 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 0.344 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

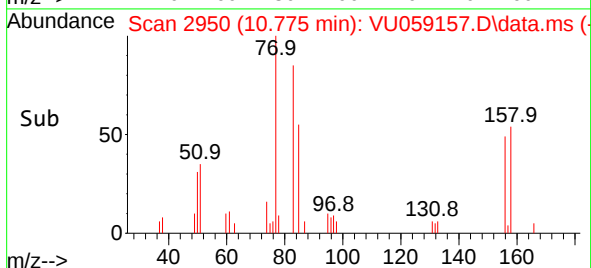
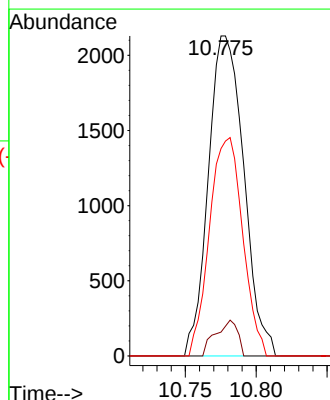
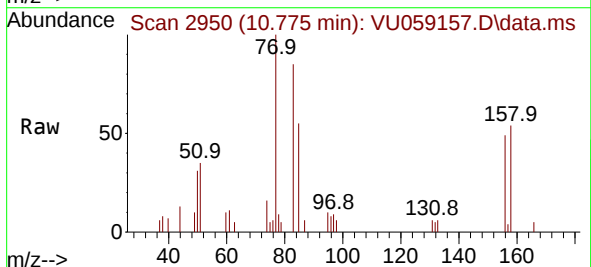
Tgt Ion: 83 Resp: 3710

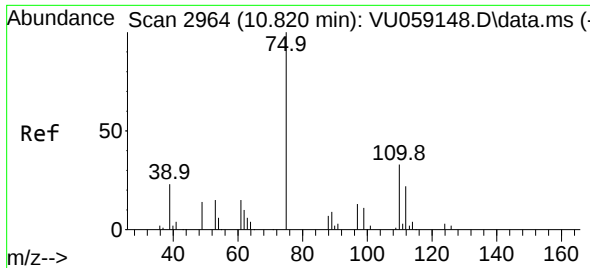
Ion Ratio Lower Upper

83 100

131 7.0 6.6 10.0

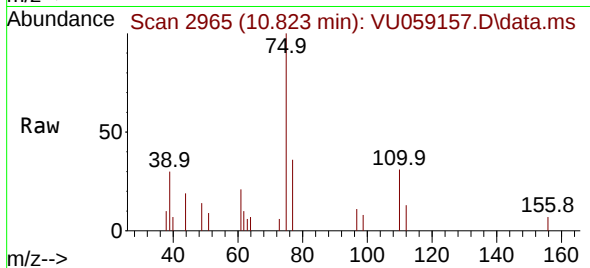
85 63.7 50.1 75.1





#71
1,2,3-Trichloropropane
Concen: 0.385 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

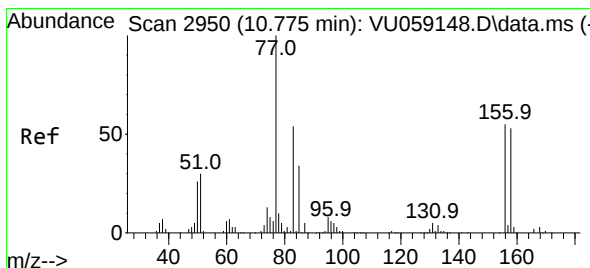
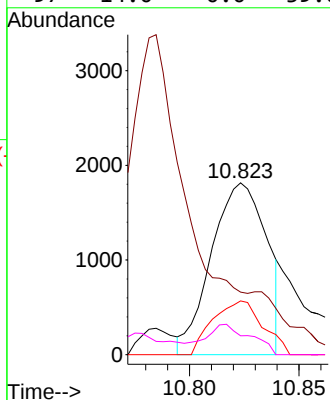
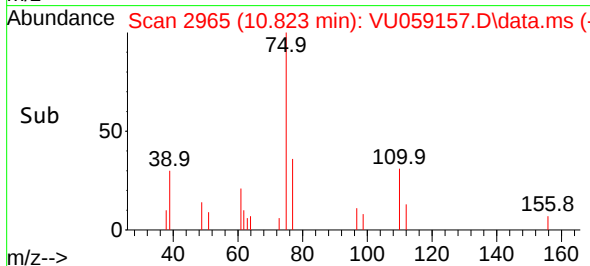
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



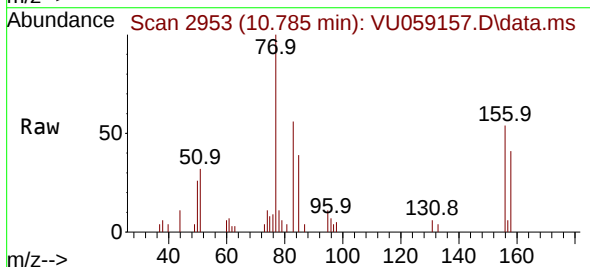
Tgt Ion: 75 Resp: 317
Ion Ratio Lower Upper
75 100
77 21.0 0.0 0.0
110 28.5 0.0 68.4
97 14.0 0.0 39.6

Manual Integrations
APPROVED

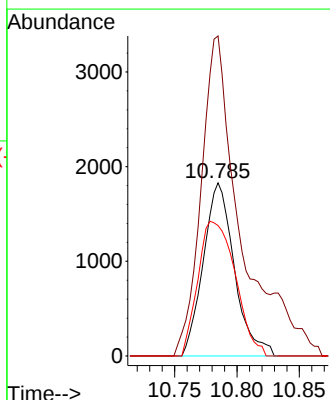
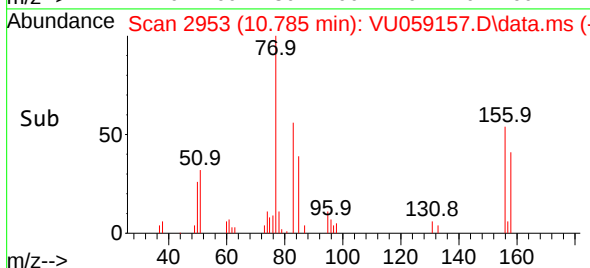
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

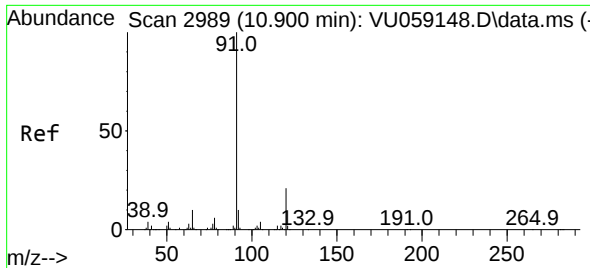


#72
Bromobenzene
Concen: 0.302 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



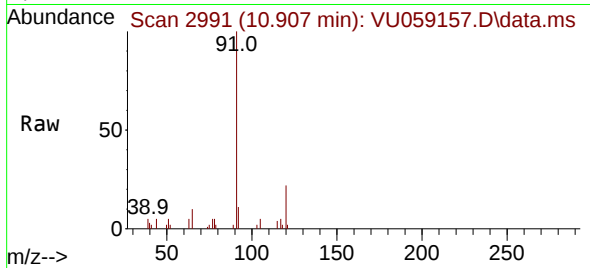
Tgt Ion:156 Resp: 3169
Ion Ratio Lower Upper
156 100
77 237.0 0.0 359.6
158 93.5 0.0 192.2





#73
n-propylbenzene
Concen: 0.251 ug/l
RT: 10.907 min Scan# 2989
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

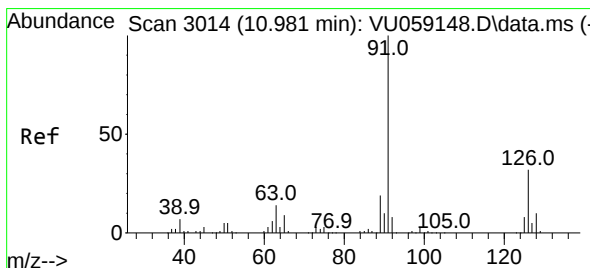
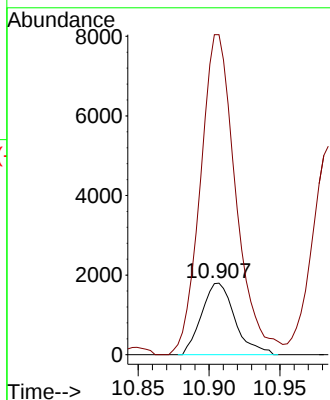
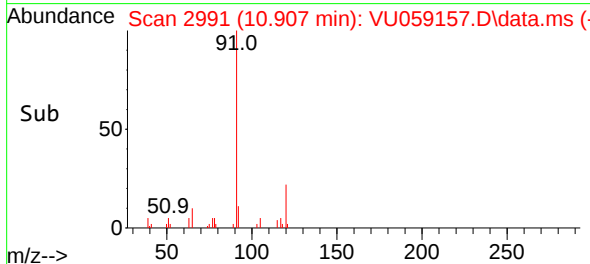
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



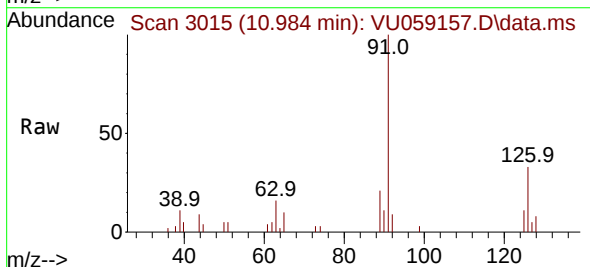
Tgt Ion:120 Resp: 2938
Ion Ratio Lower Upper
120 100
91 476.5 378.6 567.8

Manual Integrations
APPROVED

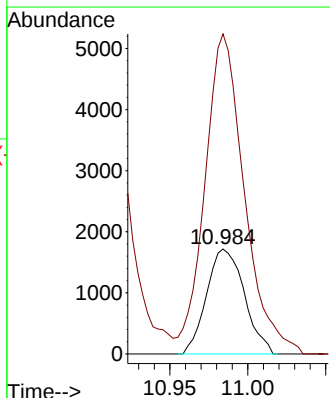
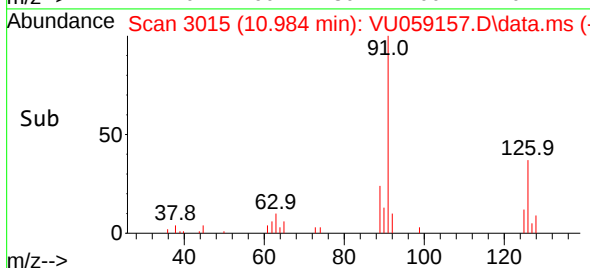
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

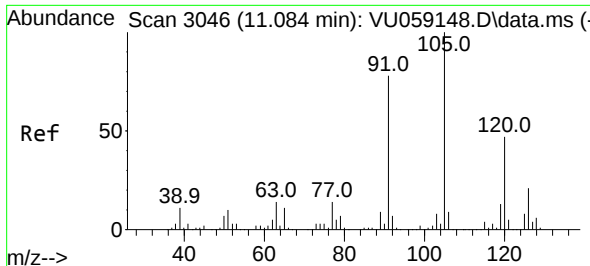


#74
2-Chlorotoluene
Concen: 0.270 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



Tgt Ion:126 Resp: 2888
Ion Ratio Lower Upper
126 100
91 319.5 0.0 627.0





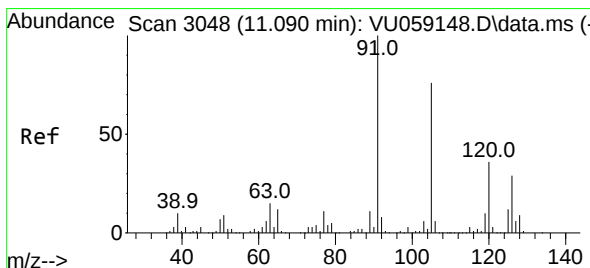
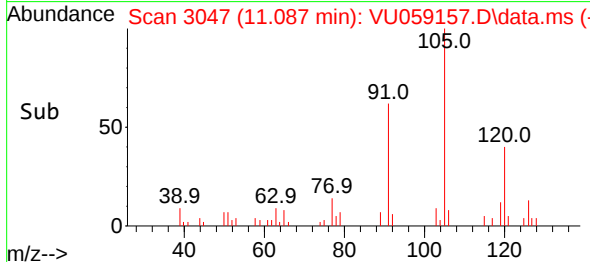
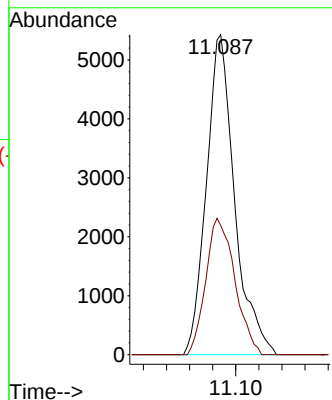
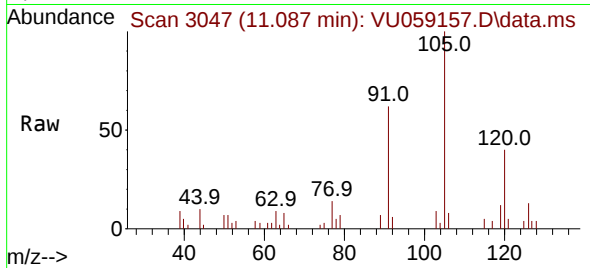
#75
1,3,5-Trimethylbenzene
Concen: 0.248 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion:105 Resp: 9200
Ion Ratio Lower Upper
105 100
120 43.9 37.5 56.3

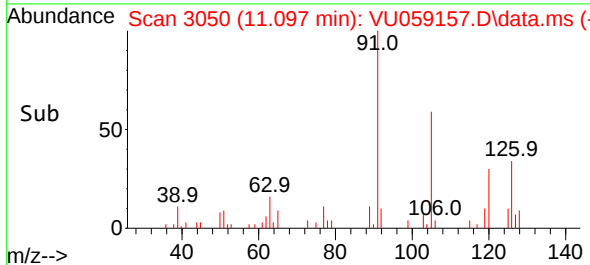
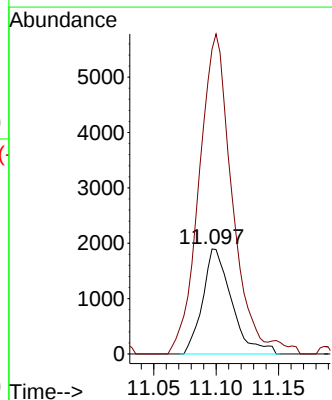
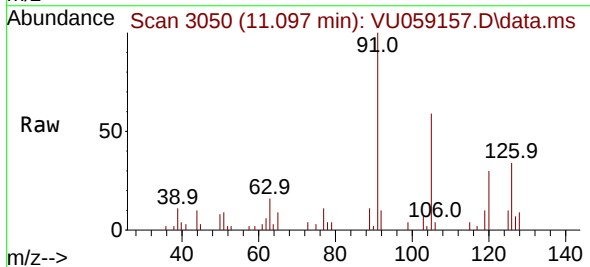
Manual Integrations
APPROVED

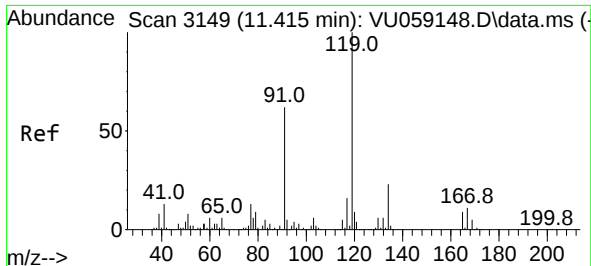
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#76
4-Chlorotoluene
Concen: 0.274 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

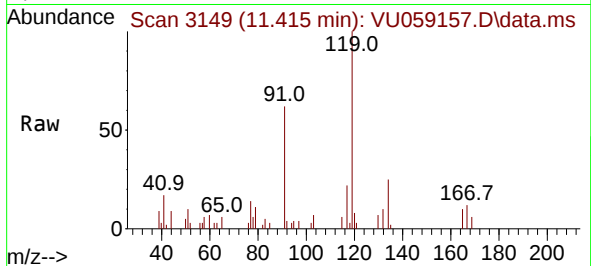
Tgt Ion:126 Resp: 3068
Ion Ratio Lower Upper
126 100
91 341.9 0.0 704.4





#77
tert-Butylbenzene
Concen: 0.262 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

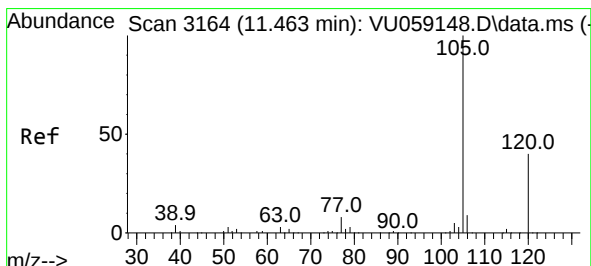
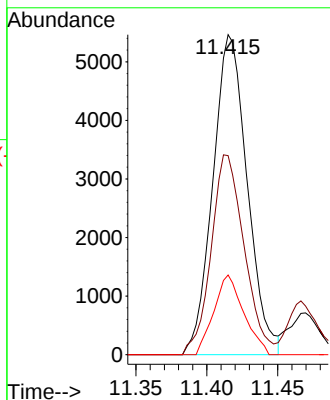
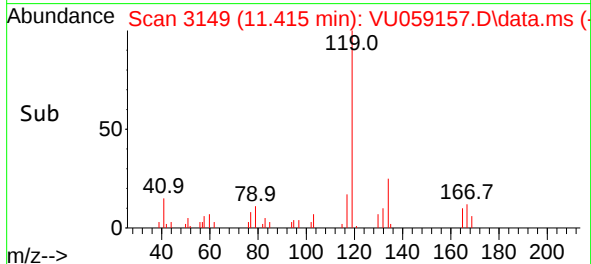
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



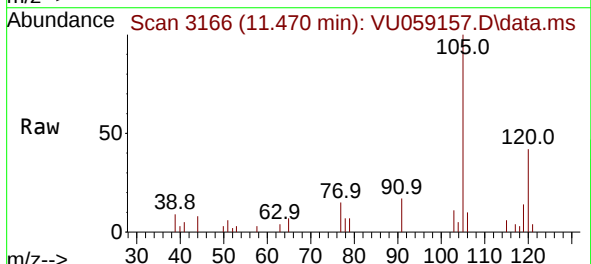
Tgt Ion:119 Resp: 9228
Ion Ratio Lower Upper
119 100
91 60.0 30.7 92.1
134 21.6 17.7 26.5

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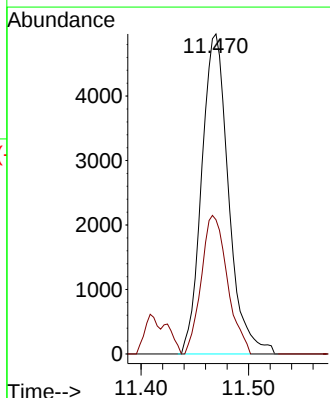
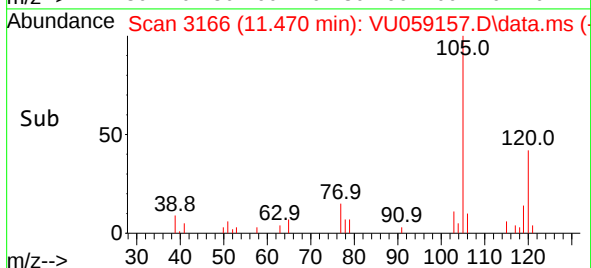
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

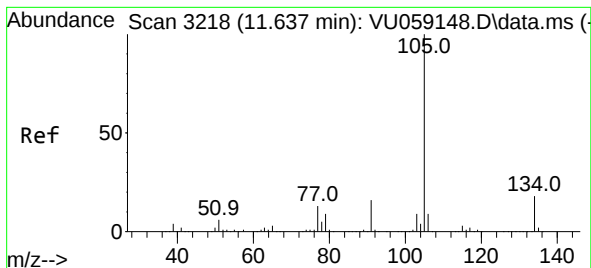


#78
1,2,4-Trimethylbenzene
Concen: 0.230 ug/l
RT: 11.470 min Scan# 3166
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



Tgt Ion:105 Resp: 8603
Ion Ratio Lower Upper
105 100
120 42.0 21.7 65.1





#79

sec-Butylbenzene

Concen: 0.239 ug/l

RT: 11.643 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:105 Resp: 1166

Ion Ratio Lower Upper

105 100

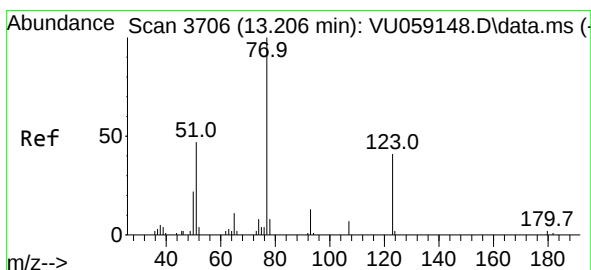
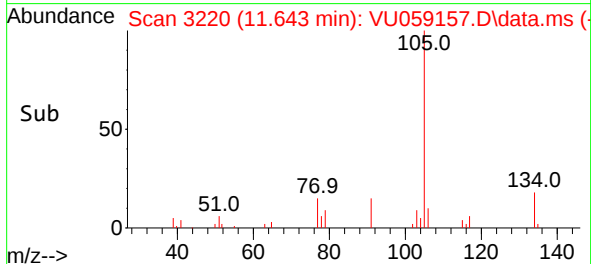
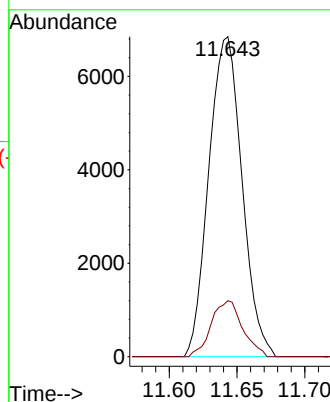
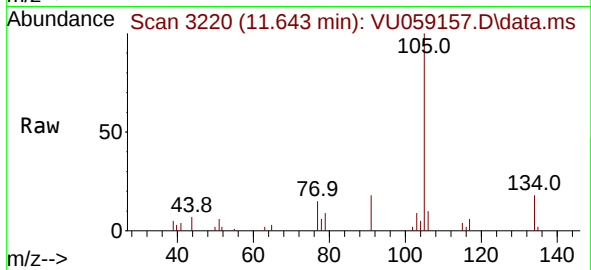
134 16.5 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#80

Nitrobenzene

Concen: 1.030 ug/l m

RT: 13.244 min Scan# 3718

Delta R.T. 0.039 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

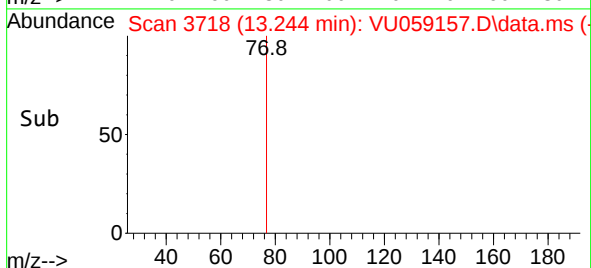
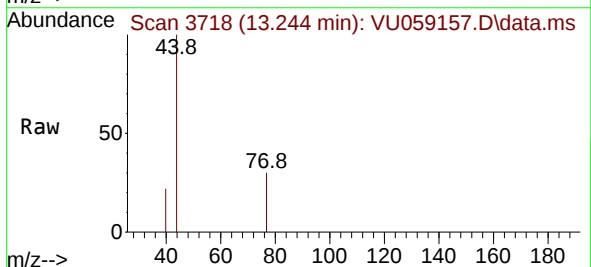
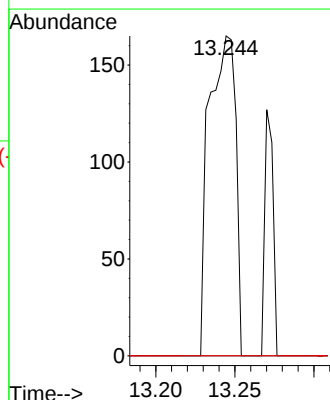
Tgt Ion: 77 Resp: 238

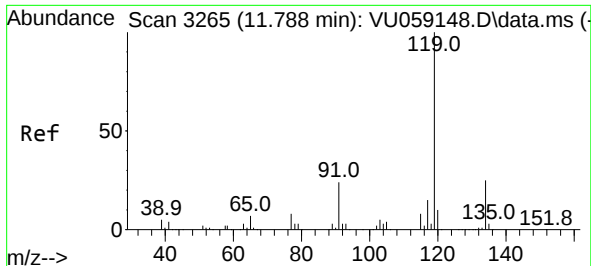
Ion Ratio Lower Upper

77 100

123 0.0 18.3 64.7#

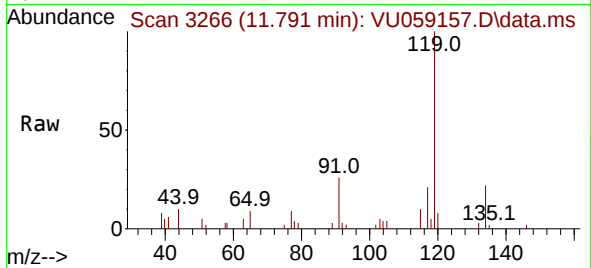
65 0.0 10.6 13.4#





#81
p-Isopropyltoluene
Concen: 0.228 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

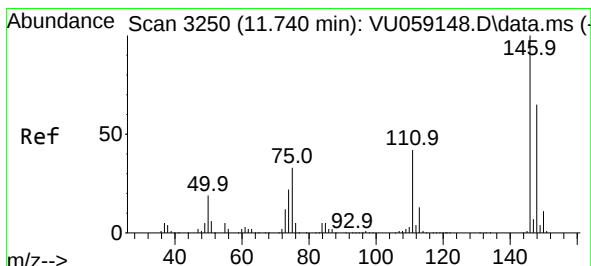
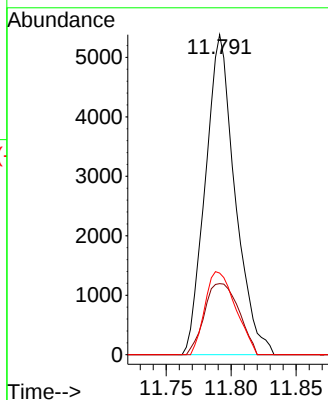
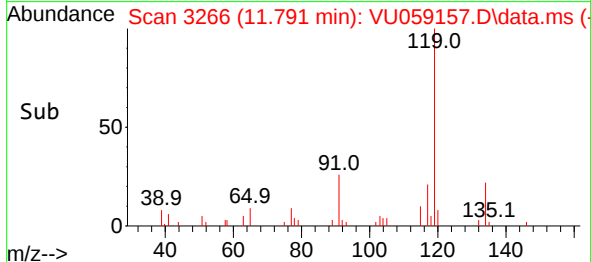
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



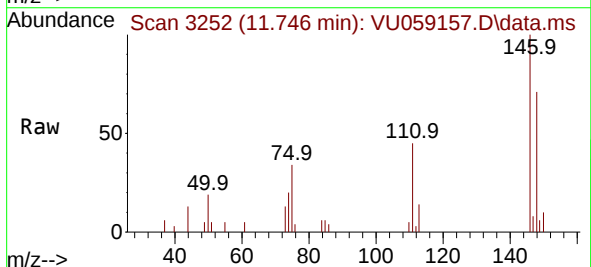
Tgt Ion:119 Resp: 8538
Ion Ratio Lower Upper
119 100
134 25.9 20.2 30.4
91 26.7 19.3 28.9

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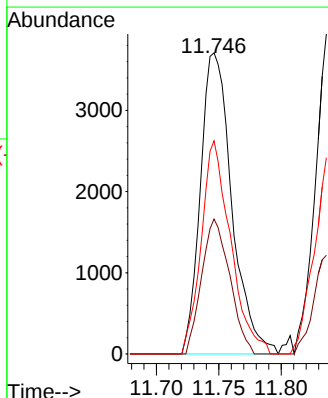
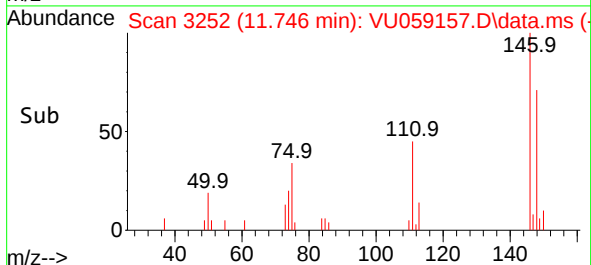
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

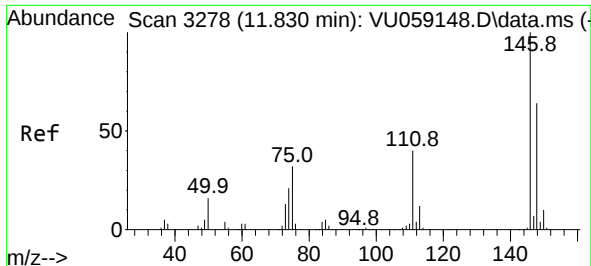


#82
1,3-Dichlorobenzene
Concen: 0.292 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



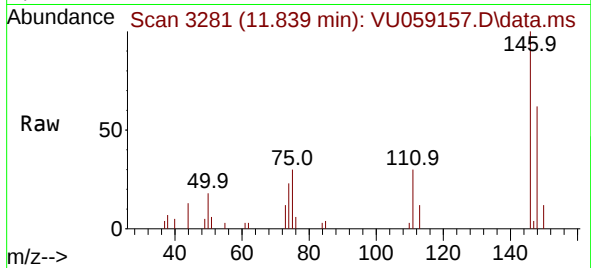
Tgt Ion:146 Resp: 6504
Ion Ratio Lower Upper
146 100
111 40.1 33.4 50.0
148 66.3 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.325 ug/l m
RT: 11.839 min Scan# 31
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

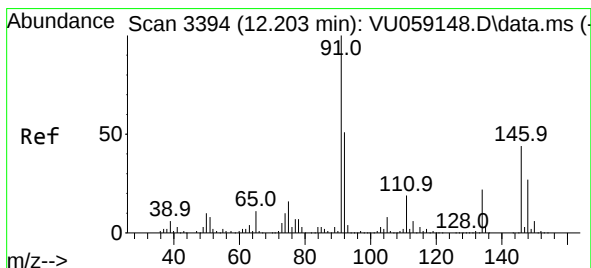
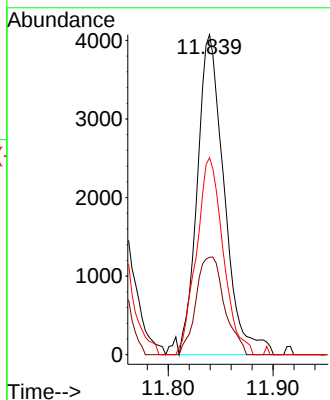
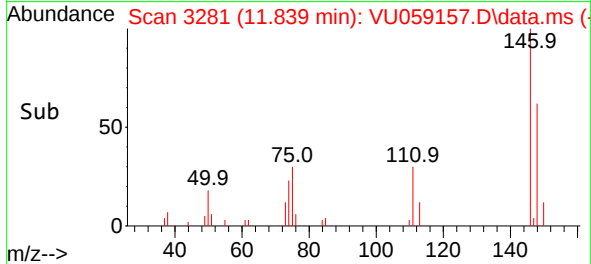
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



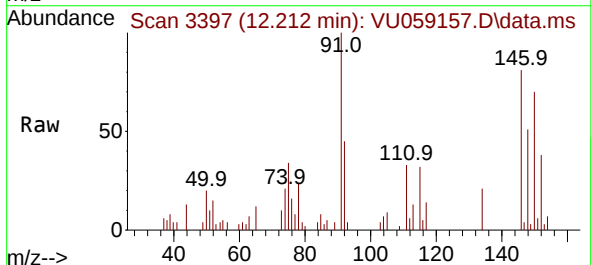
Tgt Ion:146 Resp: 724
Ion Ratio Lower Upper
146 100
111 36.0 32.1 48.1
148 59.5 51.2 76.8

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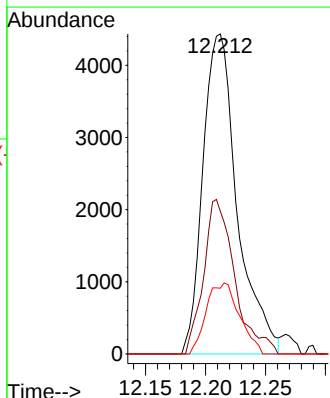
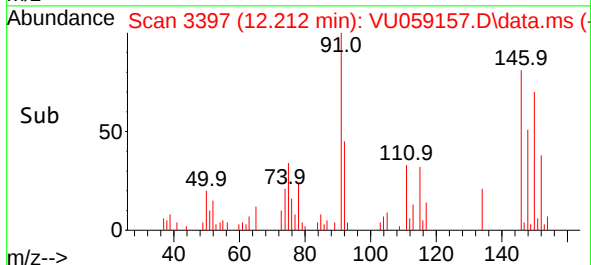
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

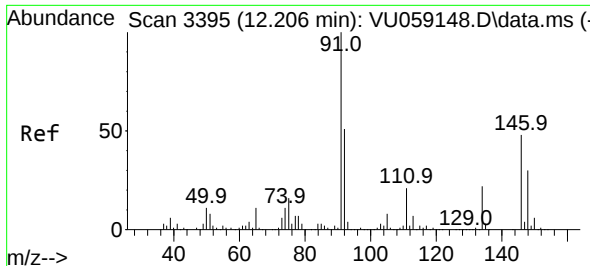


#84
n-Butylbenzene
Concen: 0.251 ug/l
RT: 12.212 min Scan# 3397
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



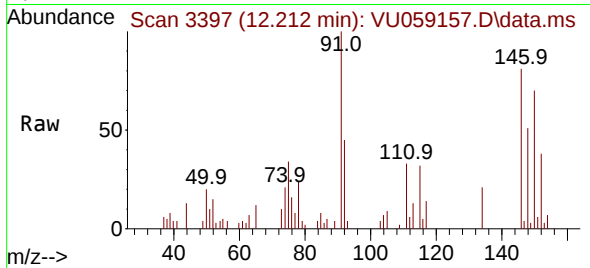
Tgt Ion: 91 Resp: 8830
Ion Ratio Lower Upper
91 100
92 43.7 40.7 61.1
134 21.4 17.6 26.4





#85
1,2-Dichlorobenzene
Concen: 0.304 ug/l
RT: 12.212 min Scan# 3110
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

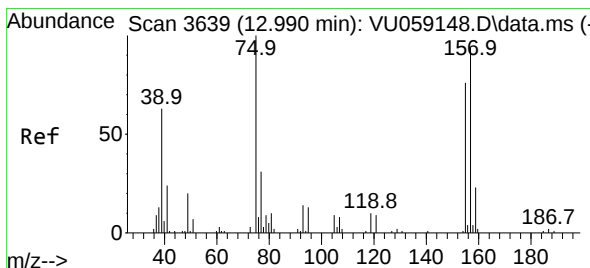
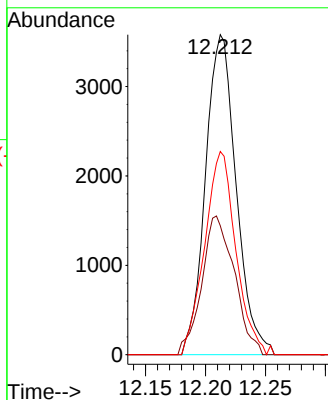
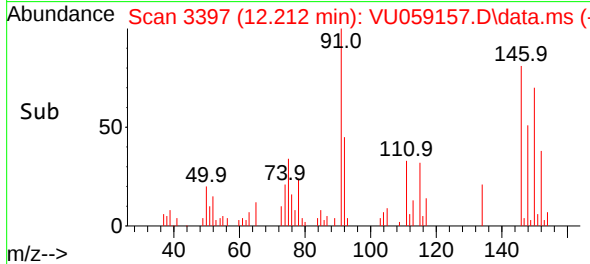
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



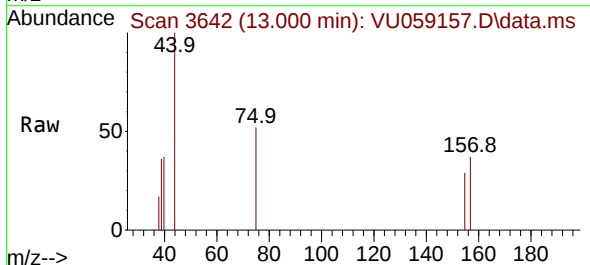
Tgt Ion:146 Resp: 6380
Ion Ratio Lower Upper
146 100
111 46.0 21.8 65.3
148 64.7 31.3 93.9

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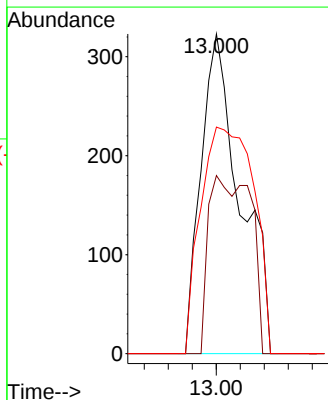
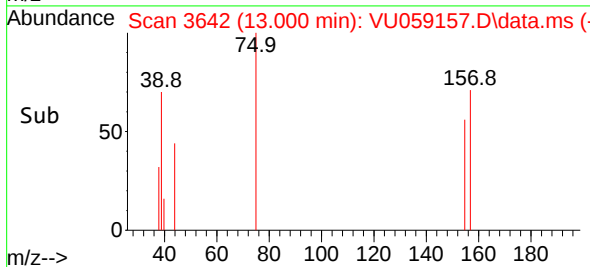
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

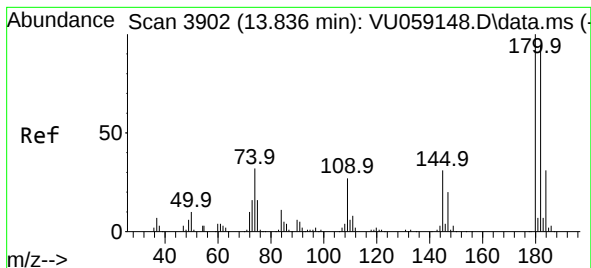


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.249 ug/l
RT: 13.000 min Scan# 3642
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50



Tgt Ion: 75 Resp: 365
Ion Ratio Lower Upper
75 100
155 34.8 61.2 91.8#
157 96.7 75.8 113.6





#87

1,2,4-Trichlorobenzene

Concen: 0.328 ug/l

RT: 13.842 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

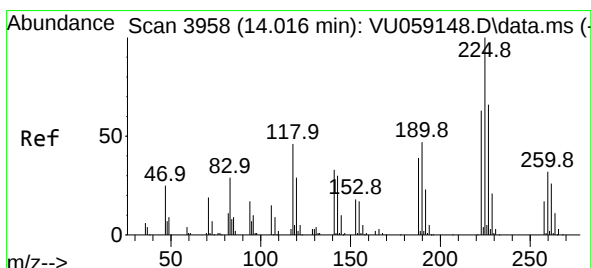
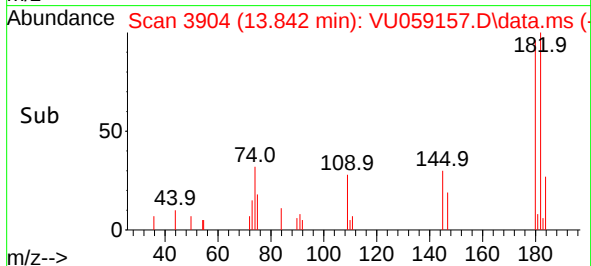
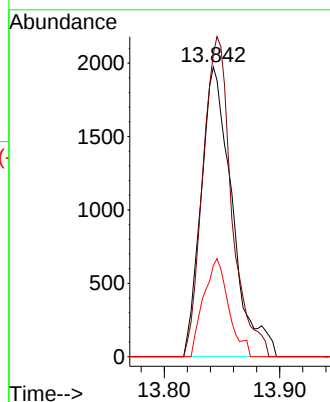
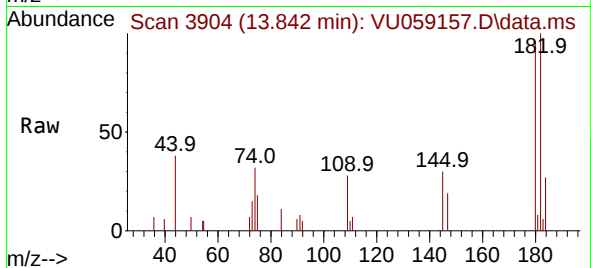
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:180	Resp:	368
Ion Ratio	Lower	Upper
180	100	
182	102.3	75.7 113.5
145	27.3	24.6 36.8

Manual Integrations

APPROVED

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



#88

Hexachlorobutadiene

Concen: 0.306 ug/l

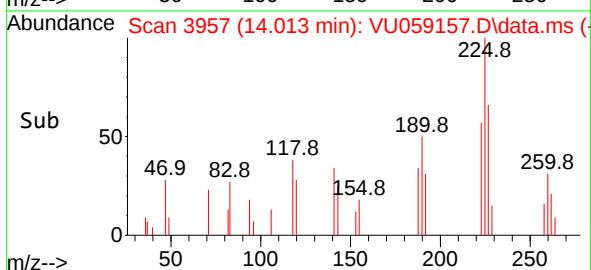
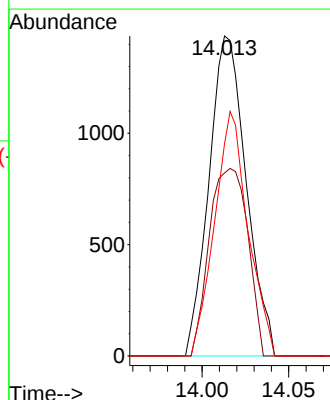
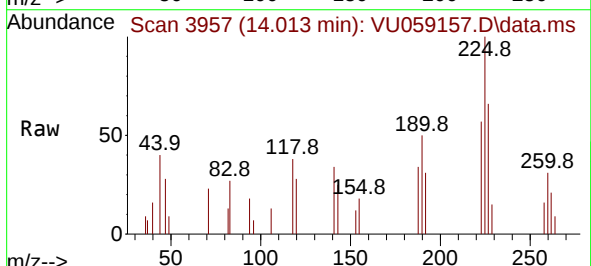
RT: 14.013 min Scan# 3957

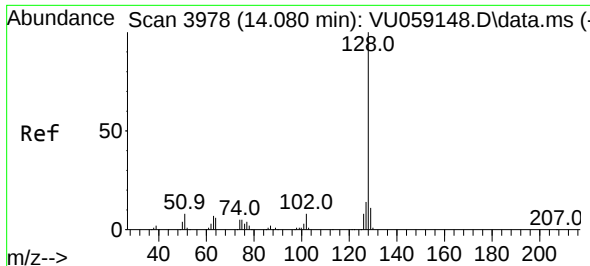
Delta R.T. -0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Tgt Ion:225	Resp:	2145
Ion Ratio	Lower	Upper
225	100	
223	60.7	50.0 75.0
227	68.8	51.8 77.8





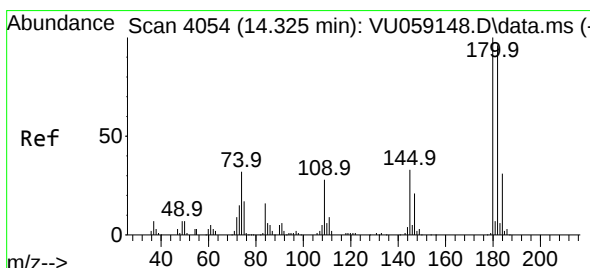
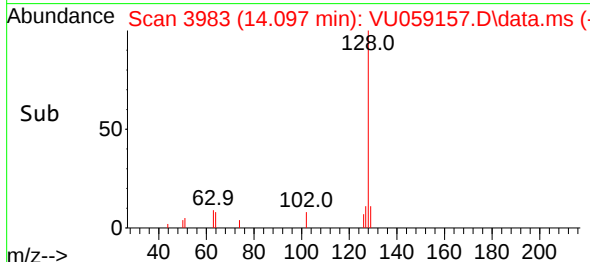
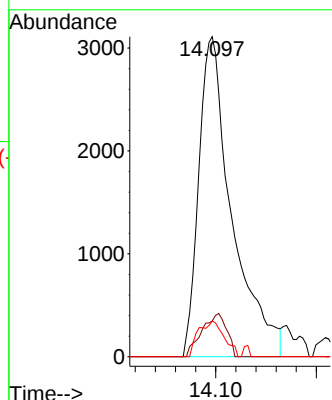
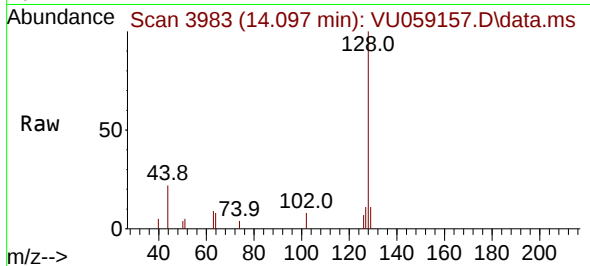
#89
Naphthalene
Concen: 0.398 ug/l
RT: 14.097 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

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

Tgt Ion:128	Resp:	7108
Ion Ratio	Lower	Upper
128	100	
127	10.1	10.7 16.1
129	8.6	8.4 12.6

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



#90
1,2,3-Trichlorobenzene
Concen: 0.368 ug/l
RT: 14.331 min Scan# 4056
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion:180	Resp:	3765
Ion Ratio	Lower	Upper
180	100	
182	90.1	76.3 114.5
145	34.5	26.5 39.7

