

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101824\
 Data File : VU061163.D
 Acq On : 18 Oct 2024 14:13
 Operator : MD/SY
 Sample : P4368-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 19 00:14:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Oct 19 00:10:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	27638	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13019	0.886	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13069	0.903	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	4844	0.318	ug/l	97
3) Chloromethane	1.515	50	5143	0.355	ug/l	95
4) Vinyl Chloride	1.599	62	5203	0.350	ug/l	97
5) Bromomethane	1.856	94	3556	0.380	ug/l	91
6) Chloroethane	1.930	64	3429	0.344	ug/l	95
7) Trichlorofluoromethane	2.133	101	6749	0.319	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	3659	0.348	ug/l	97
9) 1,1-Dichloroethene	2.573	96	3774	0.344	ug/l	92
10) Iodomethane	2.715	142	3859	0.296	ug/l	95
11) Allyl Chloride	2.917	41	5022	0.356	ug/l	98
12) Acrylonitrile	3.345	53	1385m	0.628	ug/l	
13) Acetone	2.660	43	5467	1.901	ug/l	98
14) Carbon Disulfide	2.789	76	13192	0.349	ug/l	98
15) Methylene Chloride	3.043	84	5291	0.373	ug/l	98
16) trans-1,2-Dichloroethene	3.348	96	4158	0.323	ug/l	94
17) 1,1-Dichloroethane	3.866	63	7371	0.323	ug/l	99
18) 2-Butanone	4.766	43	5802m	1.647	ug/l	
19) Cyclohexane	5.377	56	6444m	0.315	ug/l	
20) Methylcyclohexane	6.756	83	7477	0.328	ug/l	99
21) 2,2-Dichloropropane	4.660	77	6550	0.311	ug/l	95
22) cis-1,2-Dichloroethene	4.663	96	4730	0.338	ug/l	95
23) Diethyl Ether	2.374	59	2646	0.311	ug/l	# 88
24) tert-Butyl Alcohol	3.261	59	3641m	4.095	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	9719	0.331	ug/l	# 89
26) Bromochloromethane	4.965	128	1811	0.309	ug/l	96
27) Chloroform	5.081	83	8193	0.343	ug/l	97
28) 1,1,1-Trichloroethane	5.309	97	6694	0.318	ug/l	97
29) 1,1-Dichloropropene	5.521	75	5977	0.321	ug/l	99
30) Carbon Tetrachloride	5.518	117	5692	0.311	ug/l	98
31) Isopropyl Ether	3.985	45	10278	0.316	ug/l	95
32) Ethyl-t-butyl ether	4.489	59	10668	0.319	ug/l	98
33) Tert-Amyl methyl ether	5.933	73	10027	0.333	ug/l	97
34) Propionitrile	4.833	54	1213m	1.444	ug/l	
35) Benzene	5.772	78	17575	0.335	ug/l	100
36) 1,2-Dichloroethane	5.795	62	4913	0.332	ug/l	# 91
37) Trichloroethene	6.538	130	4685	0.335	ug/l	86
38) 1,2-Dichloropropane	6.788	63	4282	0.322	ug/l	93
39) Methacrylonitrile	5.007	41	933m	0.308	ug/l	
41) Tetrahydrofuran	5.081	42	1494m	0.822	ug/l	
42) 1-Chlorobutane	5.454	56	8109	0.339	ug/l	98
43) Dibromomethane	6.917	93	2199	0.319	ug/l	91
44) Bromodichloromethane	7.097	83	5463	0.326	ug/l	# 95
45) 4-Methyl-2-Pentanone	7.792	43	11252	1.627	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.830	75	1814m	0.658	ug/l	
47) Methyl methacrylate	6.968	69	3759m	0.628	ug/l	
48) Ethyl methacrylate	8.335	69	3979	0.312	ug/l	97
49) Toluene	7.965	92	11120	0.336	ug/l	93
50) t-1,3-Dichloropropene	8.210	75	5054	0.313	ug/l	95
51) cis-1,3-Dichloropropene	7.605	75	6201	0.313	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	3053	0.329	ug/l	92
53) 1,3-Dichloropropane	8.573	76	5852	0.359	ug/l	96
54) 2-Hexanone	8.692	43	8568m	1.508	ug/l	
55) Dibromochloromethane	8.804	129	3227	0.294	ug/l	96
56) 1,2-Dibromoethane	8.923	107	2878	0.323	ug/l	94
58) Tetrachloroethene	8.547	164	3887	0.327	ug/l	91
59) Chlorobenzene	9.444	112	11832	0.331	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.525	131	3856	0.320	ug/l	95
61) Pentachloroethane	11.418	117	2764	0.300	ug/l	93
62) Hexachloroethane	12.463	117	2818	0.297	ug/l	92
63) Ethyl Benzene	9.566	91	19794	0.309	ug/l	96
64) m/p-Xylenes	9.689	106	15292	0.628	ug/l	100
65) o-Xylene	10.094	106	7836	0.327	ug/l	97
66) Styrene	10.116	104	11718	0.314	ug/l	96
67) Bromoform	10.283	173	1589	0.277	ug/l #	92
69) Isopropylbenzene	10.480	105	17916	0.314	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	3826	0.339	ug/l #	98
71) 1,2,3-Trichloropropane	10.817	75	3103m	0.338	ug/l	
72) Bromobenzene	10.785	156	4071	0.297	ug/l	71
73) n-propylbenzene	10.901	120	5034	0.302	ug/l	100
74) 2-Chlorotoluene	10.981	126	4657	0.324	ug/l	94
75) 1,3,5-Trimethylbenzene	11.081	105	15371	0.299	ug/l	98
76) 4-Chlorotoluene	11.097	126	4633	0.317	ug/l	96
77) tert-Butylbenzene	11.412	119	15474	0.304	ug/l	95
78) 1,2,4-Trimethylbenzene	11.463	105	15829	0.305	ug/l	98
79) sec-Butylbenzene	11.637	105	20992	0.317	ug/l	95
81) p-Isopropyltoluene	11.788	119	16474	0.301	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	8007	0.304	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	8307	0.317	ug/l	96
84) n-Butylbenzene	12.206	91	14472	0.285	ug/l	94
85) 1,2-Dichlorobenzene	12.206	146	7843	0.319	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.007	75	491	0.293	ug/l #	65
87) 1,2,4-Trichlorobenzene	13.843	180	4180	0.297	ug/l	98
88) Hexachlorobutadiene	14.016	225	2315	0.291	ug/l	93
89) Naphthalene	14.100	128	6874	0.277	ug/l #	86
90) 1,2,3-Trichlorobenzene	14.328	180	3767	0.298	ug/l	97

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

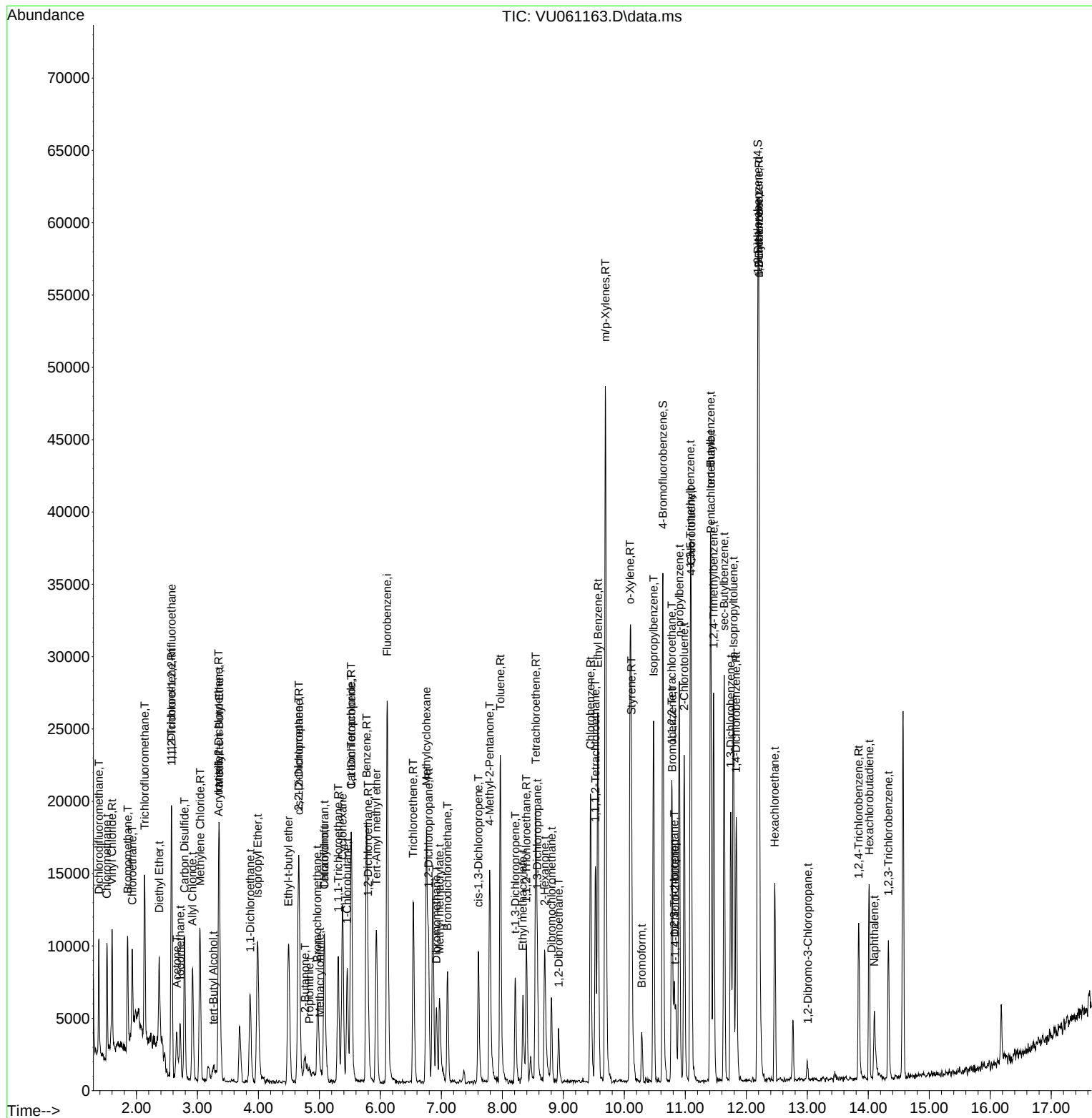
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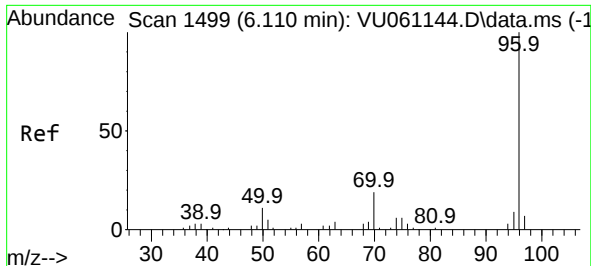
Instrument :
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 ClientSampleId :
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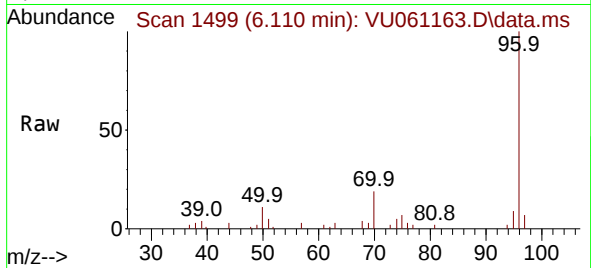
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

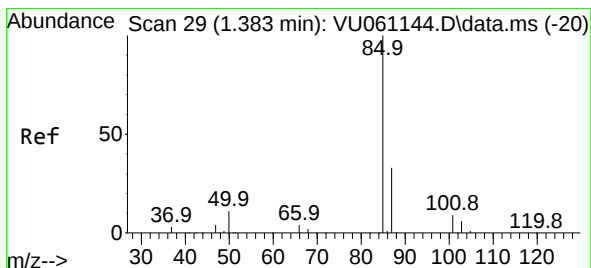
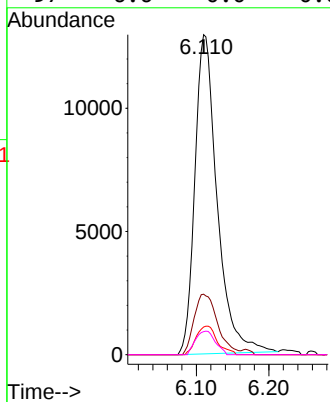
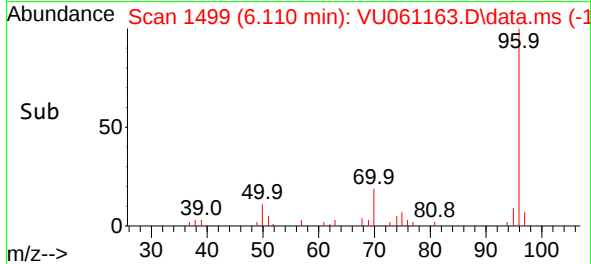
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 96 Resp: 27638
Ion Ratio Lower Upper
96 100
70 18.7 16.1 24.1
95 8.5 0.0 0.0
97 6.6 0.0 0.0

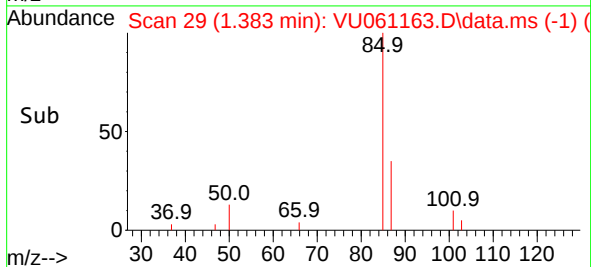
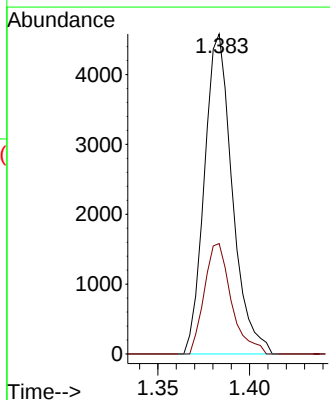
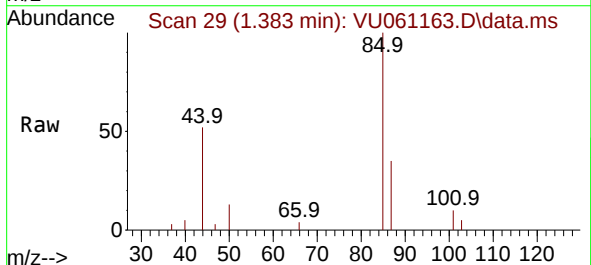
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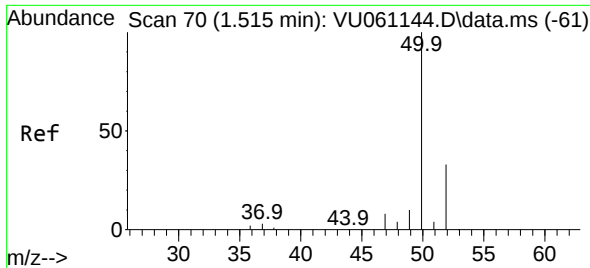
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#2
Dichlorodifluoromethane
Concen: 0.318 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

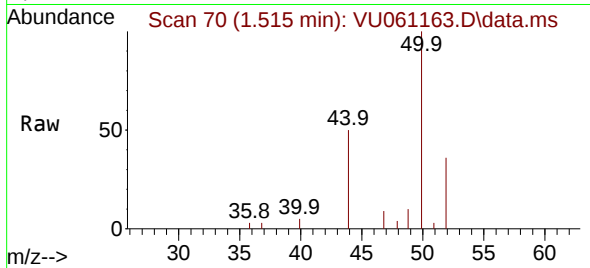
Tgt Ion: 85 Resp: 4844
Ion Ratio Lower Upper
85 100
87 34.5 16.3 48.9





#3
Chloromethane
Concen: 0.355 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

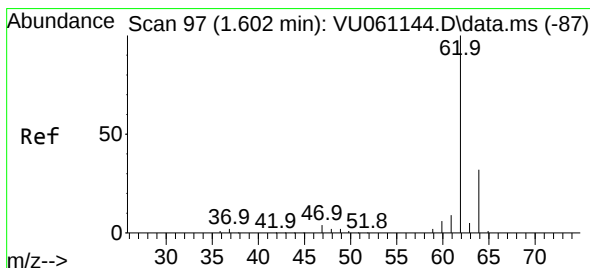
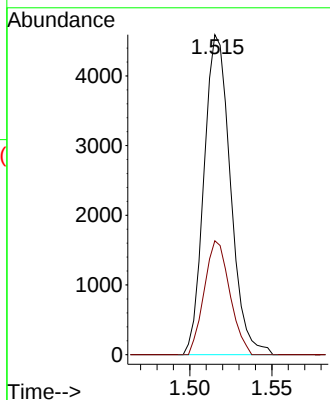
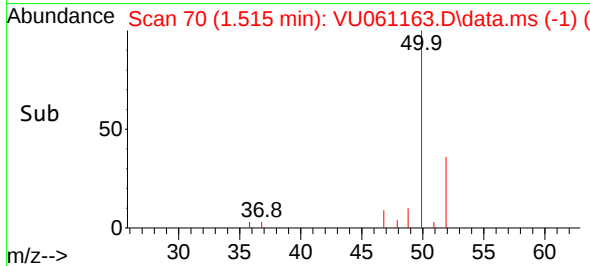
Instrument : MSVOA_U
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LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 50 Resp: 514
Ion Ratio Lower Upper
50 100
52 35.6 26.2 39.2

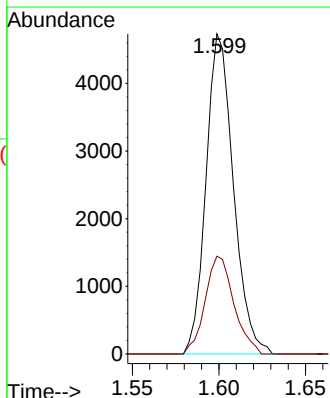
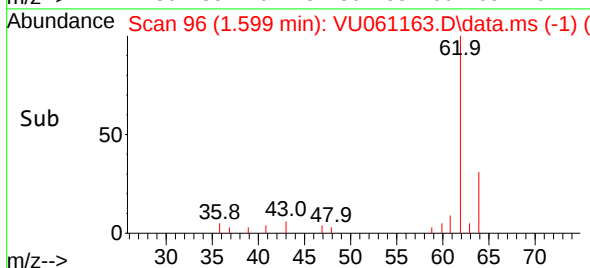
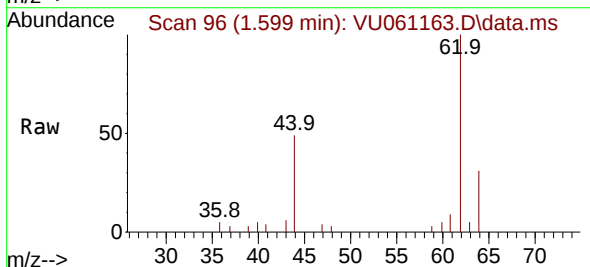
Manual Integrations
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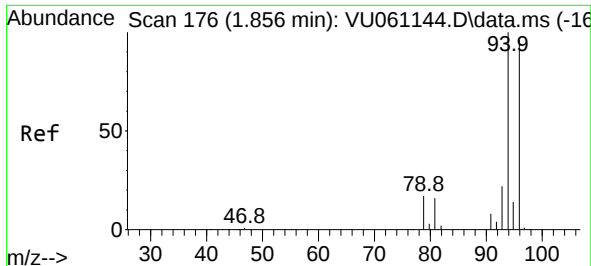
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#4
Vinyl Chloride
Concen: 0.350 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

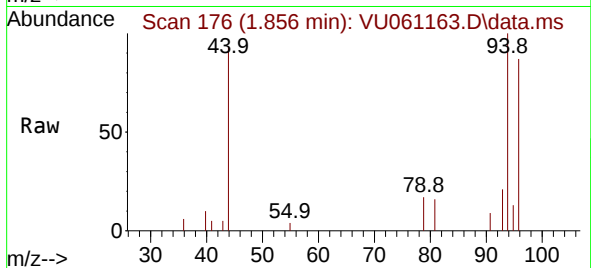
Tgt Ion: 62 Resp: 5203
Ion Ratio Lower Upper
62 100
64 30.5 25.9 38.9





#5
Bromomethane
Concen: 0.380 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

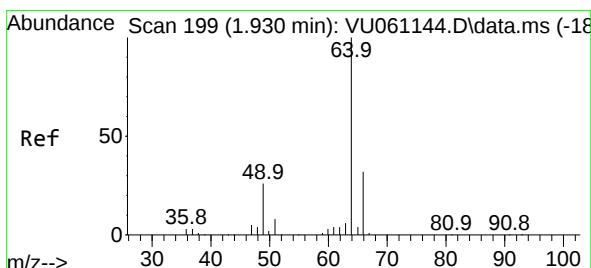
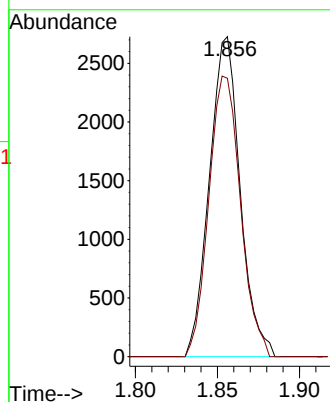
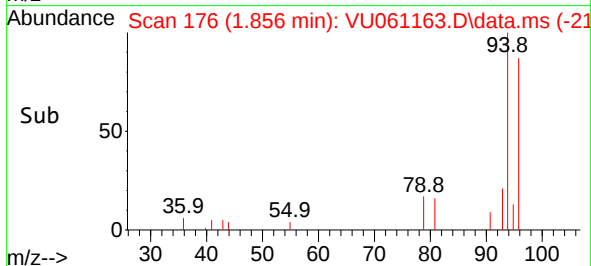
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 94 Resp: 3550
Ion Ratio Lower Upper
94 100
96 87.0 76.5 114.7

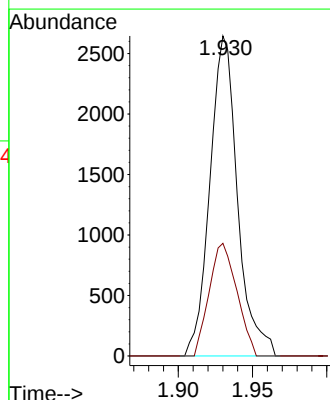
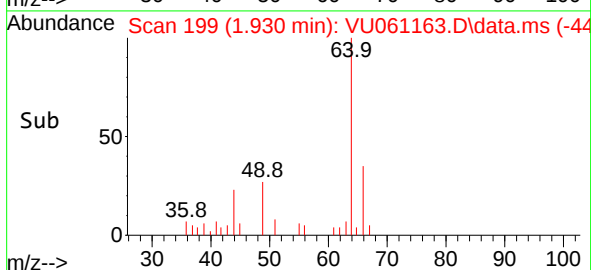
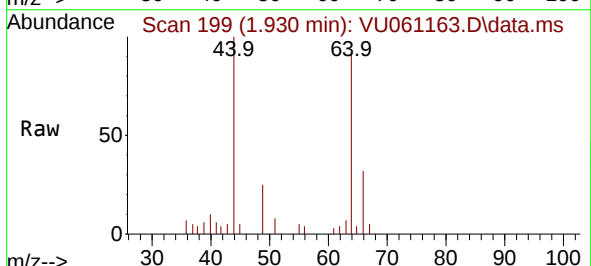
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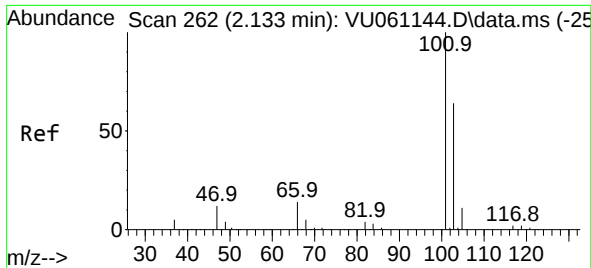
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#6
Chloroethane
Concen: 0.344 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

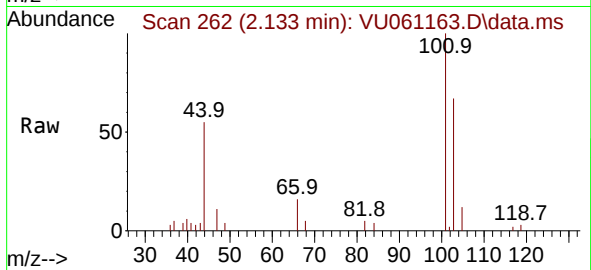
Tgt Ion: 64 Resp: 3429
Ion Ratio Lower Upper
64 100
66 35.2 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 0.319 ug/l
 RT: 2.133 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13

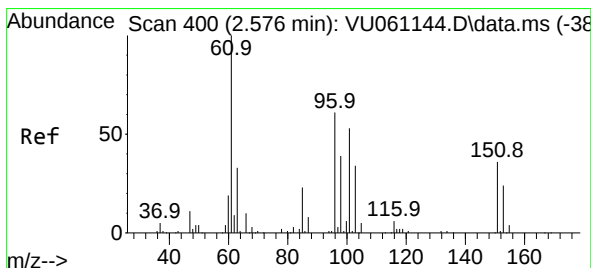
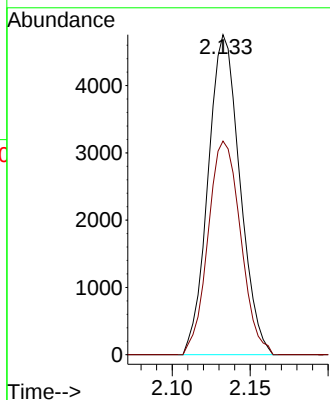
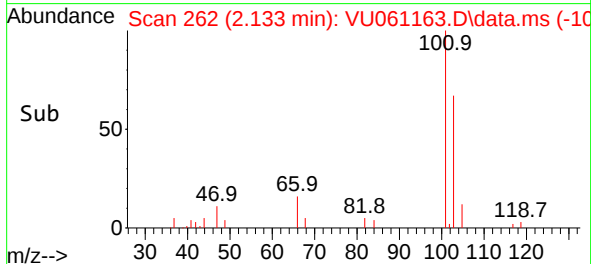
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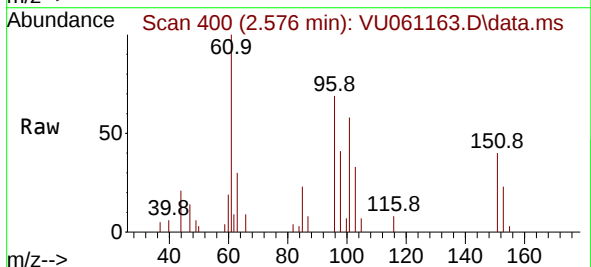
Tgt Ion:101 Resp: 6749
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.5 77.3

Manual Integrations
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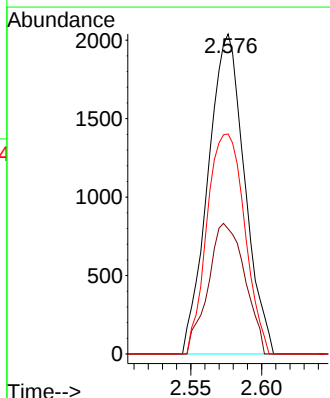
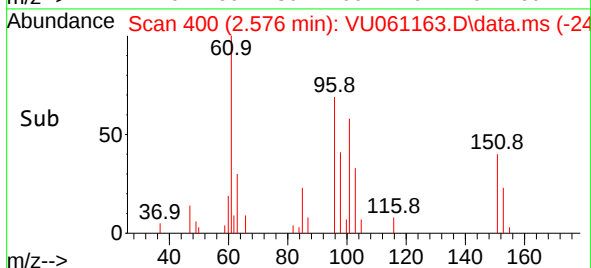
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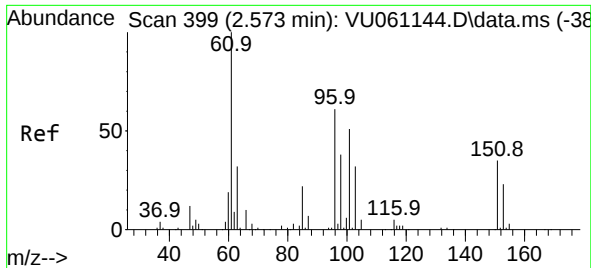


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.348 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU061163.D
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Tgt Ion:101 Resp: 3659
 Ion Ratio Lower Upper
 101 100
 85 40.9 35.8 53.8
 151 70.8 56.2 84.4





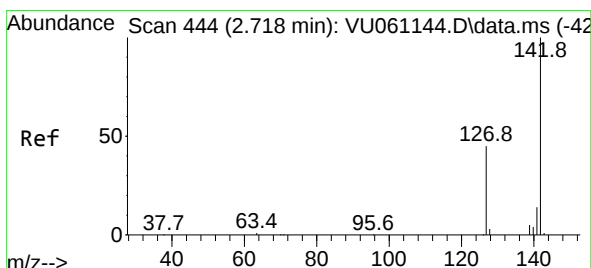
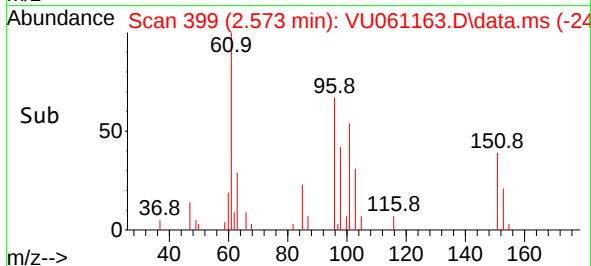
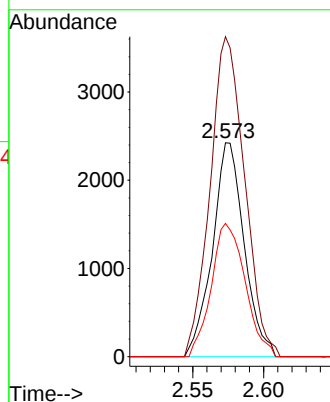
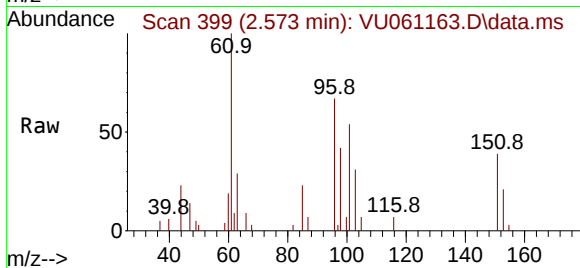
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1,1-Dichloroethene
Concen: 0.344 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument : MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 3774
Ion Ratio Lower Upper
96 100
61 149.5 0.0 494.4
98 62.3 0.0 124.4

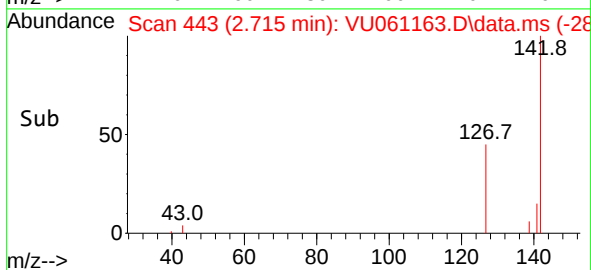
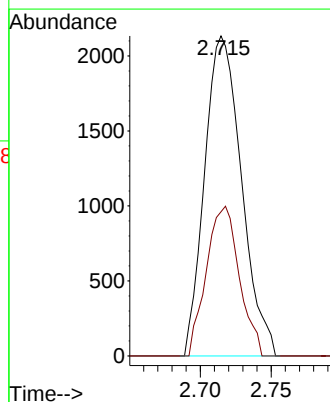
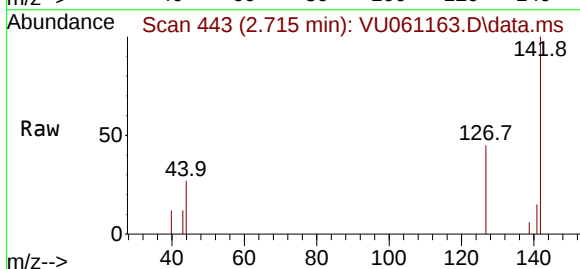
Manual Integrations
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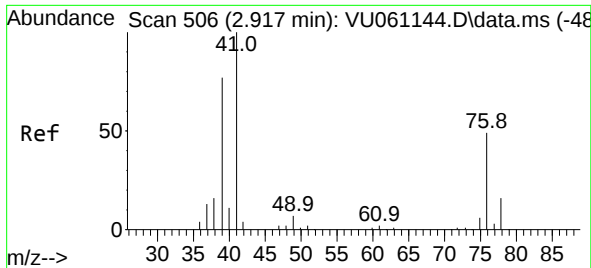
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#10
Iodomethane
Concen: 0.296 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

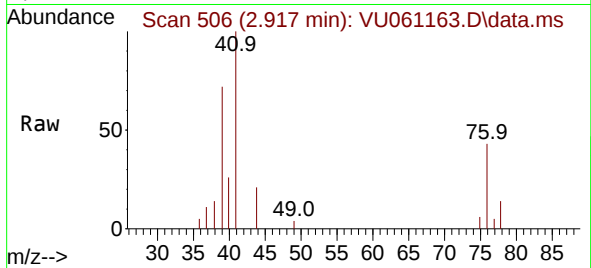
Tgt Ion:142 Resp: 3859
Ion Ratio Lower Upper
142 100
127 41.7 36.2 54.4





#11
 Allyl Chloride
 Concen: 0.356 ug/l
 RT: 2.917 min Scan# 502
 Delta R.T. -0.000 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13

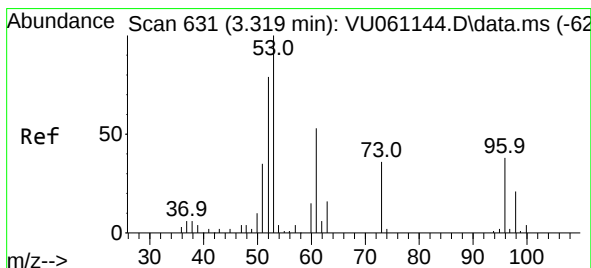
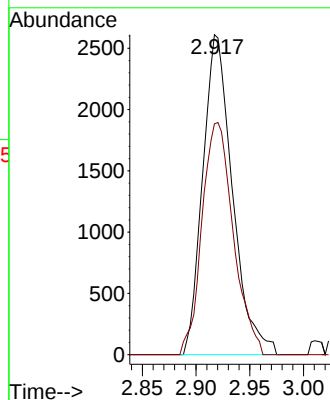
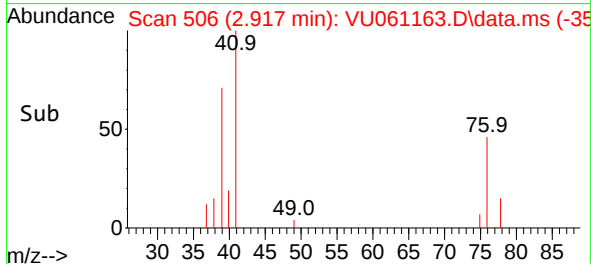
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



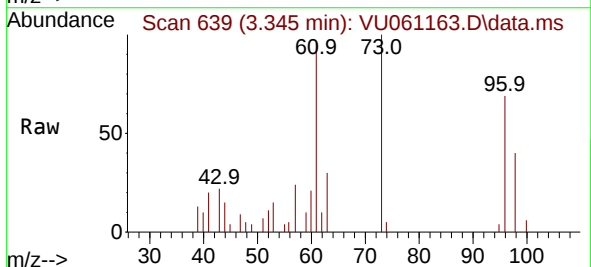
Tgt Ion: 41 Resp: 502
 Ion Ratio Lower Upper
 41 100
 39 76.3 62.4 93.6

Manual Integrations
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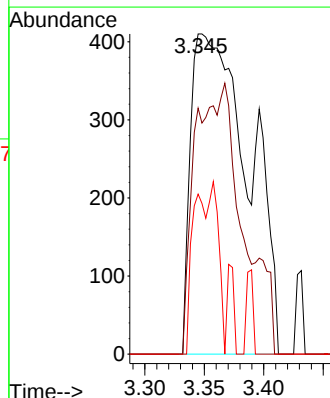
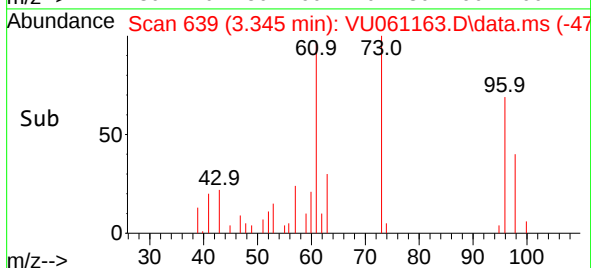
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

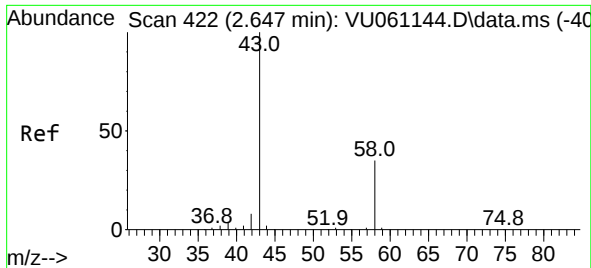


#12
 Acrylonitrile
 Concen: 0.628 ug/l m
 RT: 3.345 min Scan# 639
 Delta R.T. 0.026 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13



Tgt Ion: 53 Resp: 1385
 Ion Ratio Lower Upper
 53 100
 52 63.2 62.6 94.0
 51 12.6 30.7 46.1#





#13

Acetone

Concen: 1.901 ug/l

RT: 2.660 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

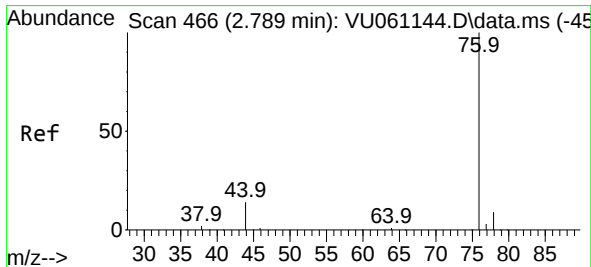
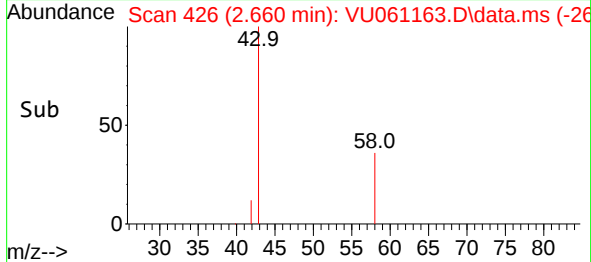
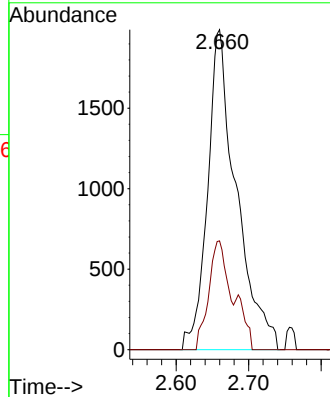
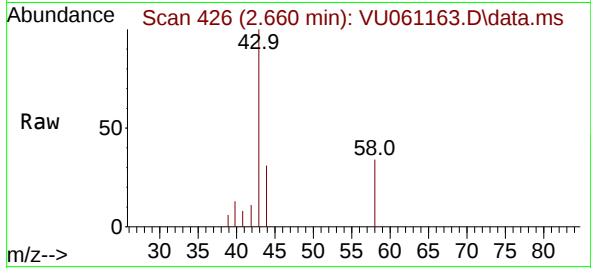
ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 546
 Ion Ratio Lower Upper
 43 100
 58 34.0 27.9 41.9

Manual Integrations
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Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#14

Carbon Disulfide

Concen: 0.349 ug/l

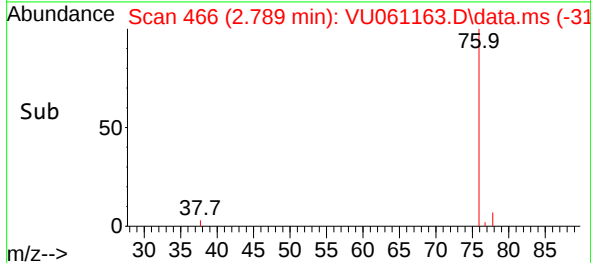
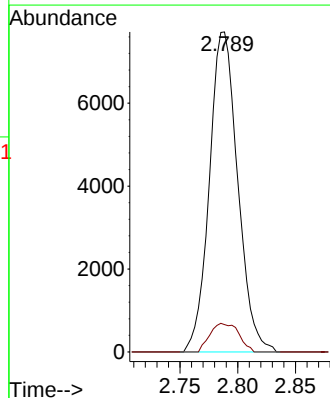
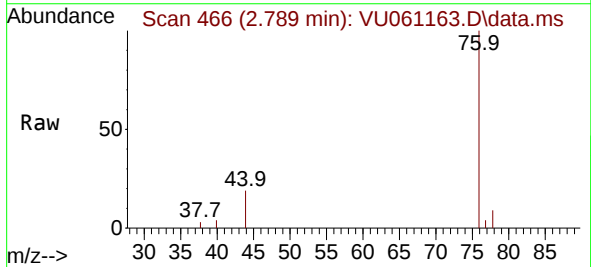
RT: 2.789 min Scan# 466

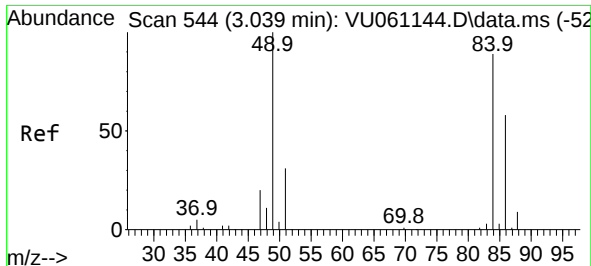
Delta R.T. -0.000 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Tgt Ion: 76 Resp: 13192
 Ion Ratio Lower Upper
 76 100
 78 8.6 7.4 11.0





#15

Methylene Chloride

Concen: 0.373 ug/l

RT: 3.043 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 84 Resp: 529

Ion Ratio Lower Upper

84 100

49 114.0 90.4 135.6

51 34.2 0.0 70.6

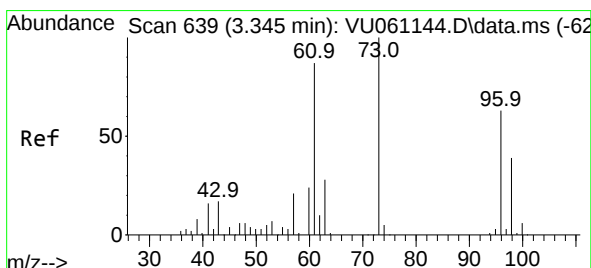
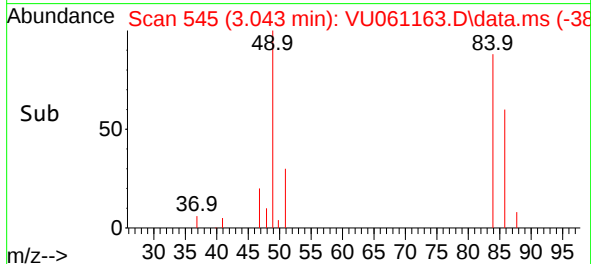
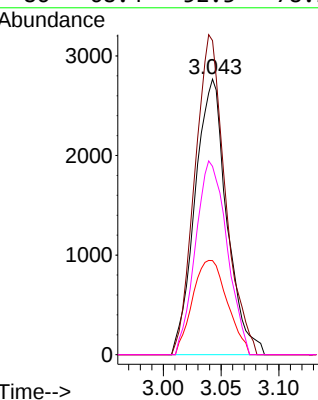
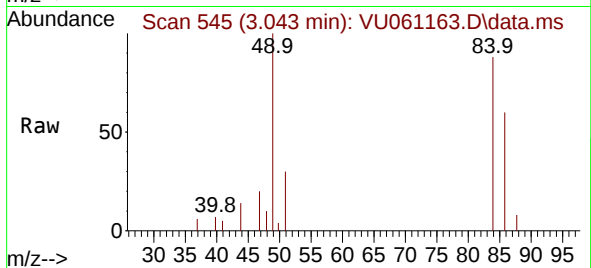
86 68.4 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#16

trans-1,2-Dichloroethene

Concen: 0.323 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

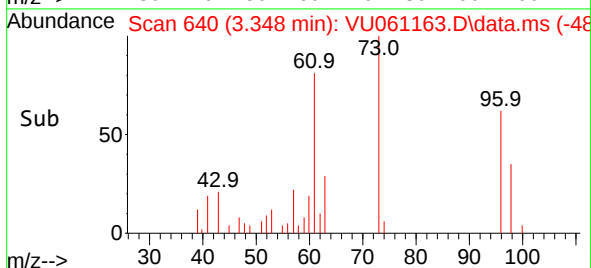
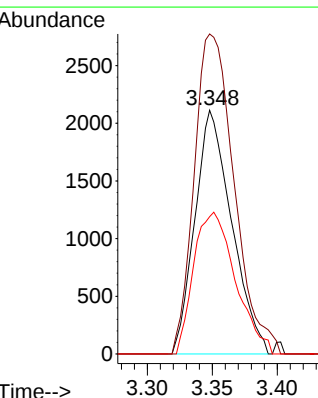
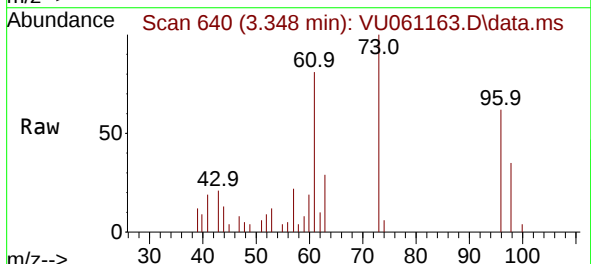
Tgt Ion: 96 Resp: 4158

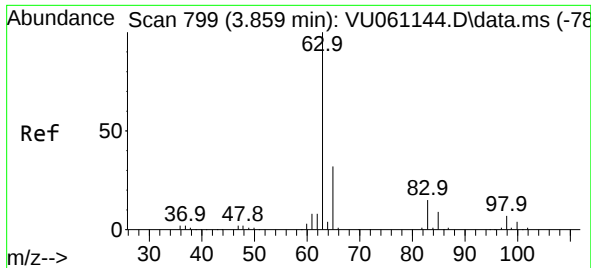
Ion Ratio Lower Upper

96 100

61 131.3 110.6 166.0

98 56.3 49.8 74.8





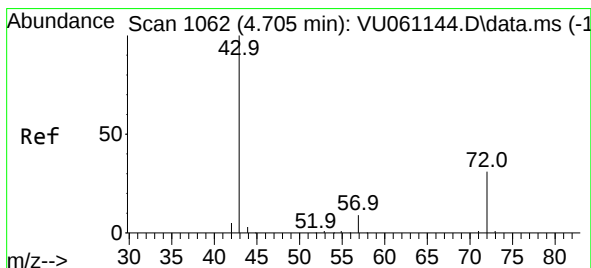
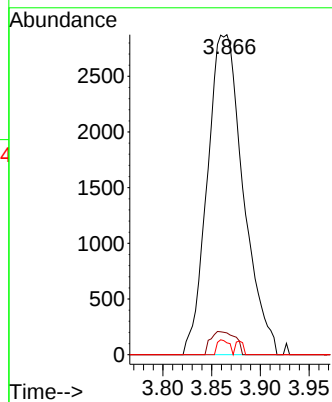
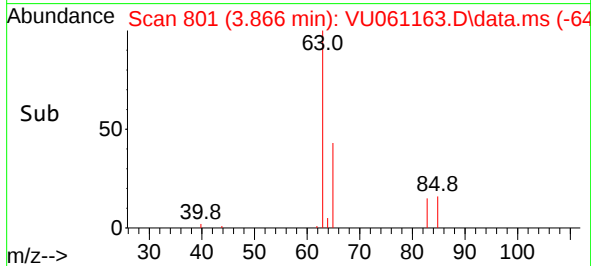
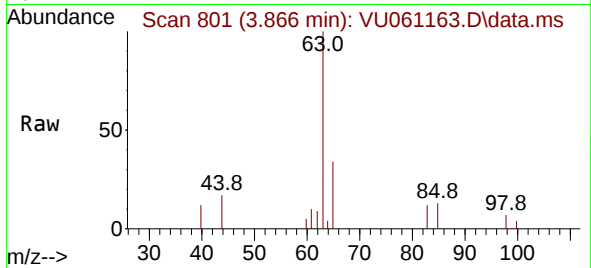
#17
1,1-Dichloroethane
Concen: 0.323 ug/l
RT: 3.866 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 63 Resp: 737
Ion Ratio Lower Upper
63 100
98 6.8 3.3 9.8
100 3.7 2.1 6.5

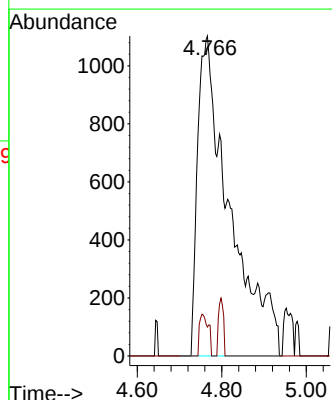
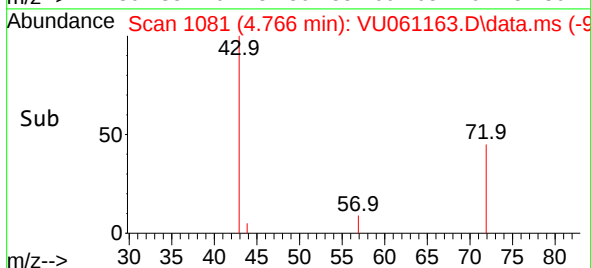
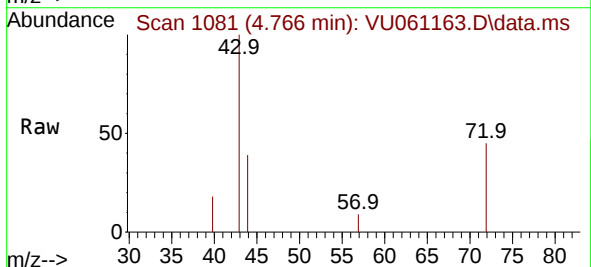
Manual Integrations
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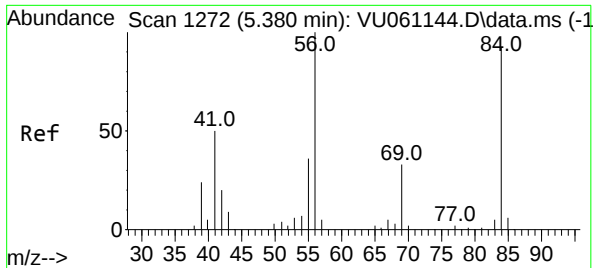
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#18
2-Butanone
Concen: 1.647 ug/l m
RT: 4.766 min Scan# 1081
Delta R.T. 0.061 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 43 Resp: 5802
Ion Ratio Lower Upper
43 100
57 9.1 0.0 19.0





#19

Cyclohexane

Concen: 0.315 ug/l m

RT: 5.377 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

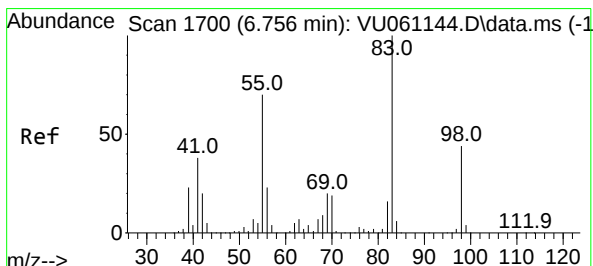
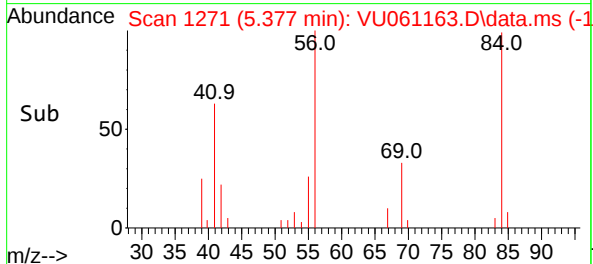
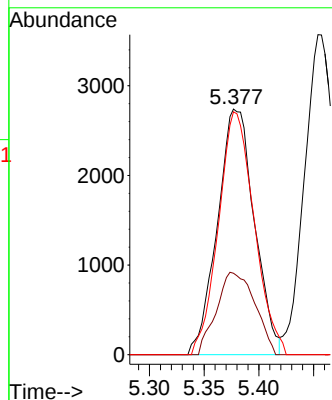
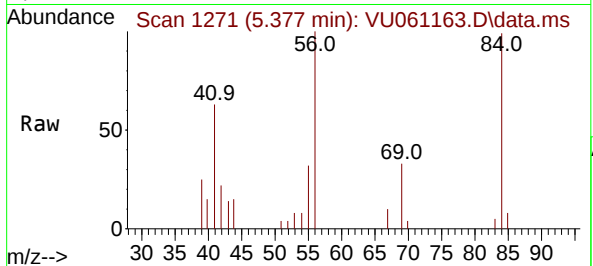
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	56	Resp:	644
Ion Ratio	Lower	Upper	
56	100		
69	34.8	26.2	39.4
84	95.5	72.7	109.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#20

Methylcyclohexane

Concen: 0.328 ug/l

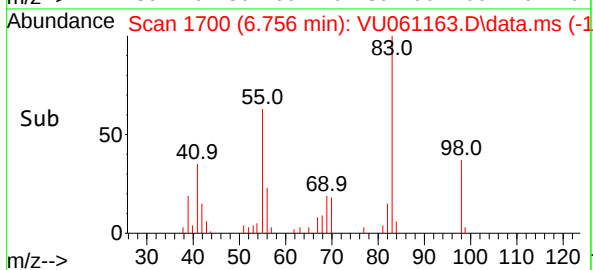
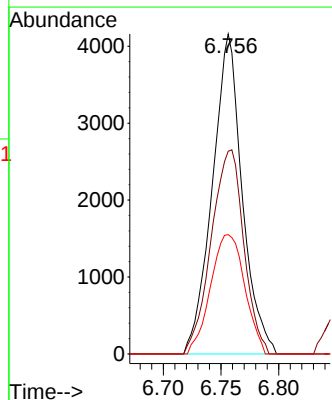
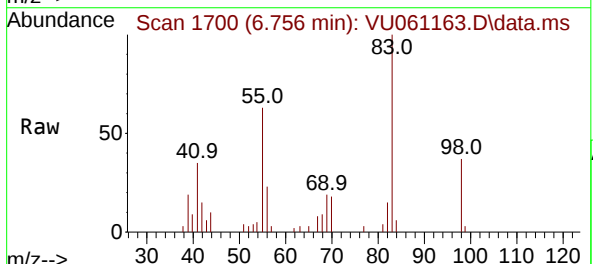
RT: 6.756 min Scan# 1700

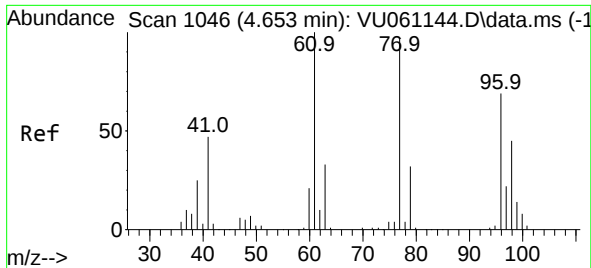
Delta R.T. -0.000 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Tgt Ion:	83	Resp:	7477
Ion Ratio	Lower	Upper	
83	100		
55	69.6	55.5	83.3
98	42.6	35.8	53.6





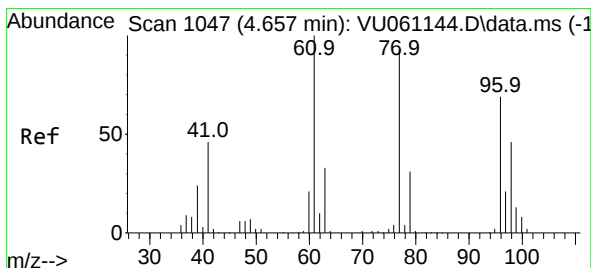
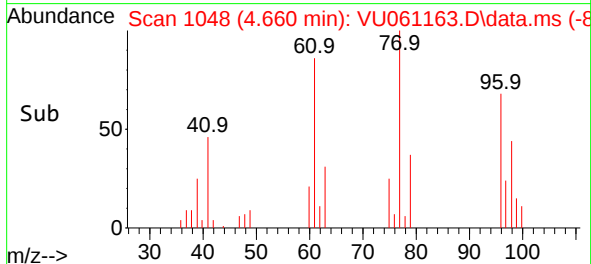
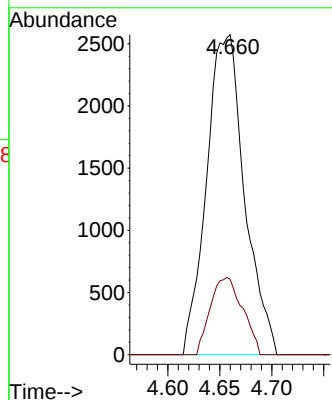
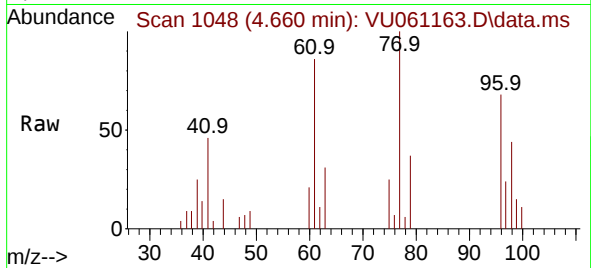
#21
2,2-Dichloropropane
Concen: 0.311 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 77 Resp: 6550
Ion Ratio Lower Upper
77 100
97 20.5 18.3 27.5

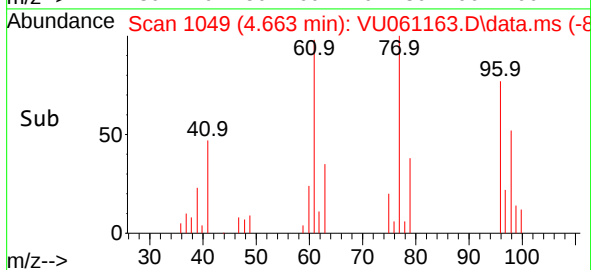
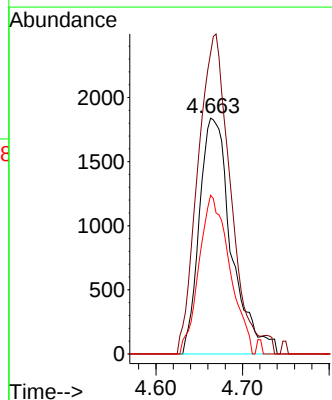
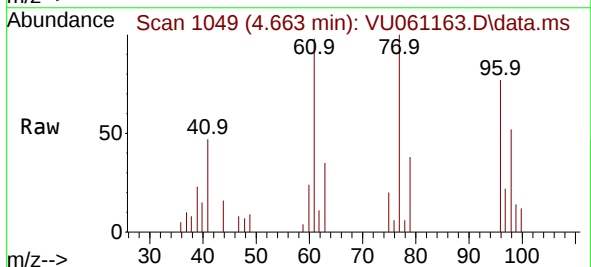
Manual Integrations
APPROVED

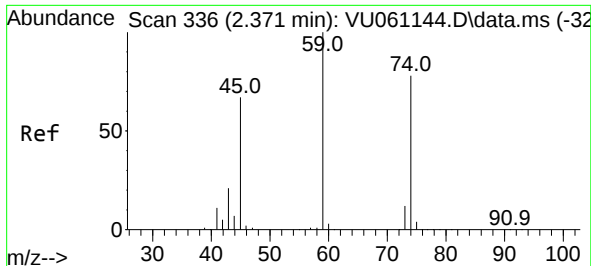
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#22
cis-1,2-Dichloroethene
Concen: 0.338 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

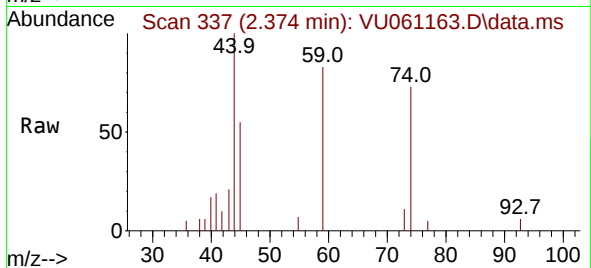
Tgt Ion: 96 Resp: 4730
Ion Ratio Lower Upper
96 100
61 136.2 0.0 364.8
98 64.2 32.1 96.3





#23
Diethyl Ether
Concen: 0.311 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

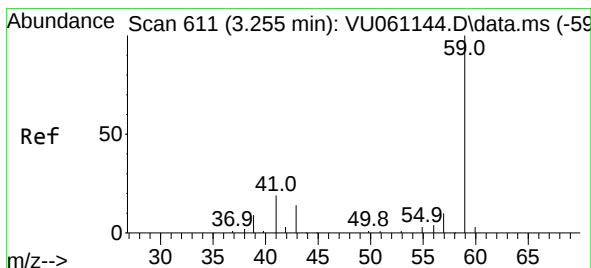
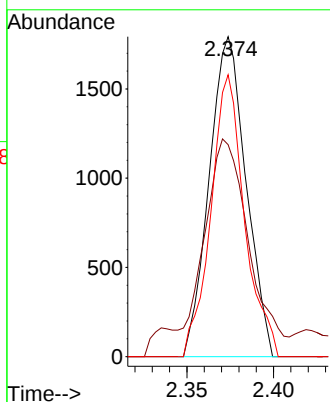
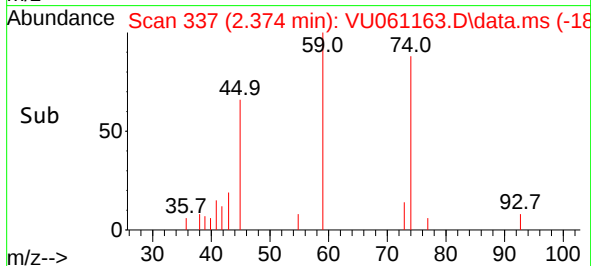
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 59 Resp: 2640
Ion Ratio Lower Upper
59 100
45 83.5 52.0 78.0
74 80.5 62.2 93.2

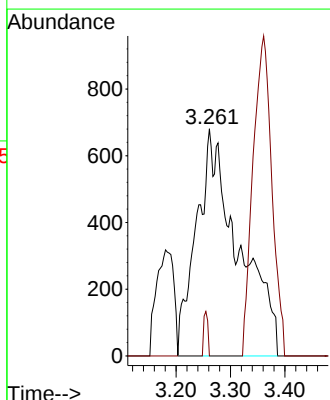
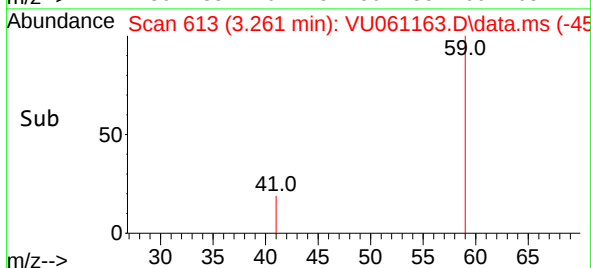
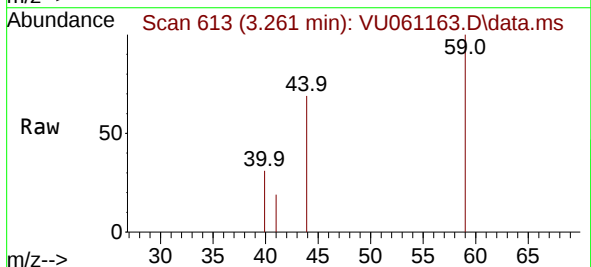
Manual Integrations
APPROVED

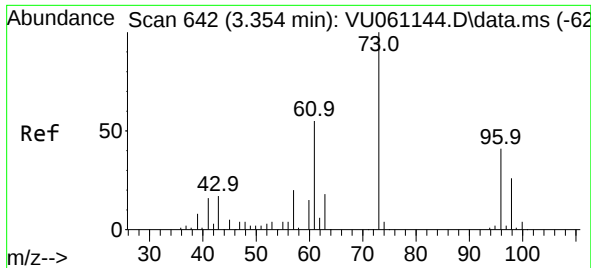
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#24
tert-Butyl Alcohol
Concen: 4.095 ug/l m
RT: 3.261 min Scan# 613
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

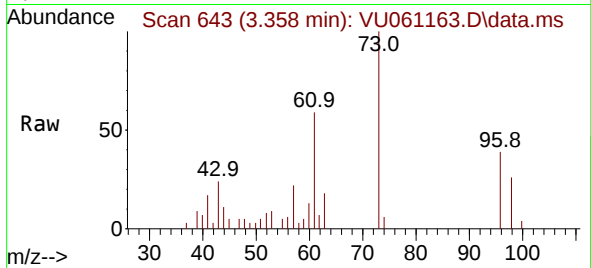
Tgt Ion: 59 Resp: 3641
Ion Ratio Lower Upper
59 100
57 0.0 3.2 4.8#





#25
Methyl tert-Butyl Ether
Concen: 0.331 ug/l
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

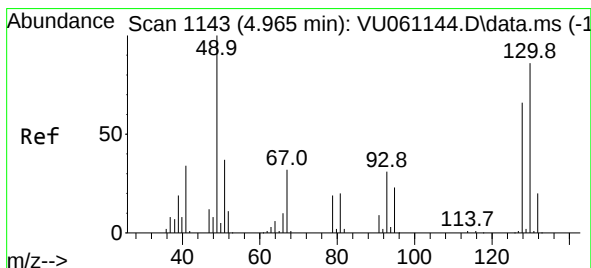
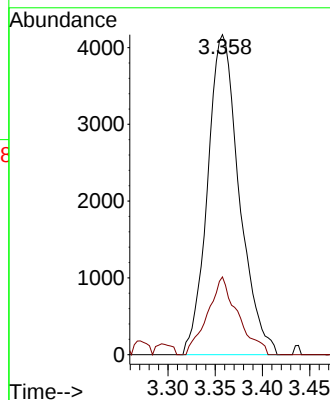
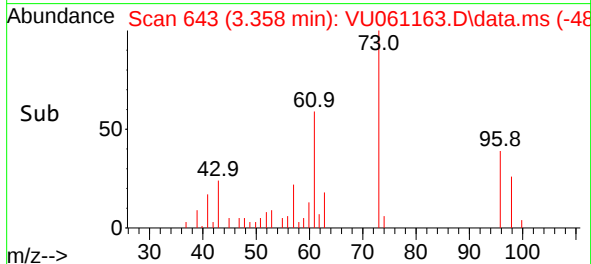
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 73 Resp: 9719
Ion Ratio Lower Upper
73 100
43 23.3 14.7 22.1

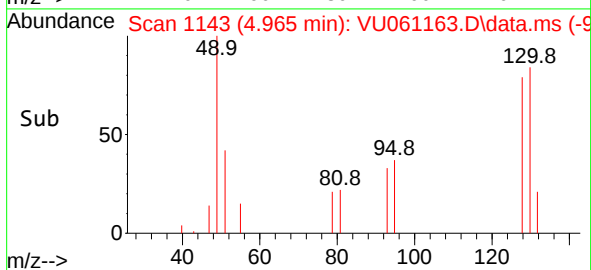
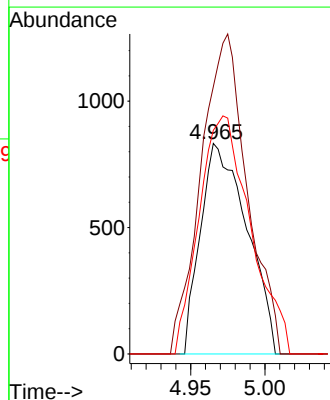
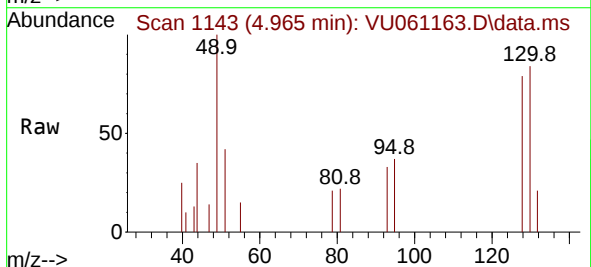
Manual Integrations
APPROVED

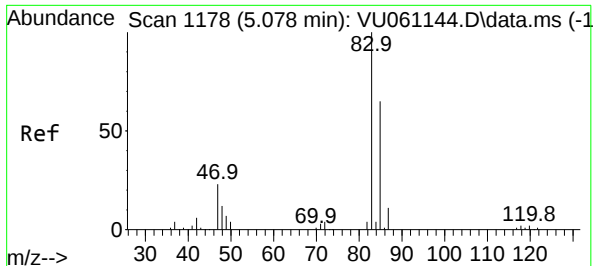
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#26
Bromochloromethane
Concen: 0.309 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:128 Resp: 1811
Ion Ratio Lower Upper
128 100
49 151.5 0.0 308.8
130 125.1 105.3 157.9





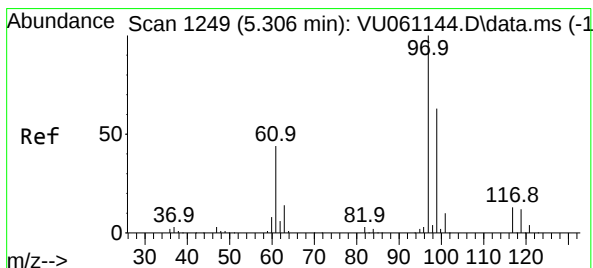
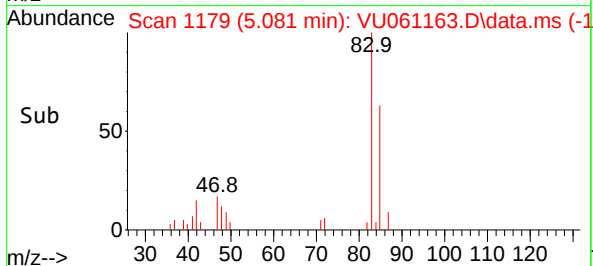
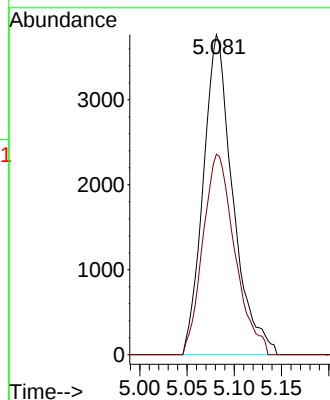
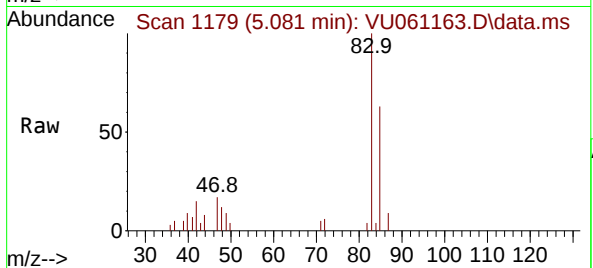
#27
Chloroform
Concen: 0.343 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 83 Resp: 819
Ion Ratio Lower Upper
83 100
85 62.6 0.0 129.6

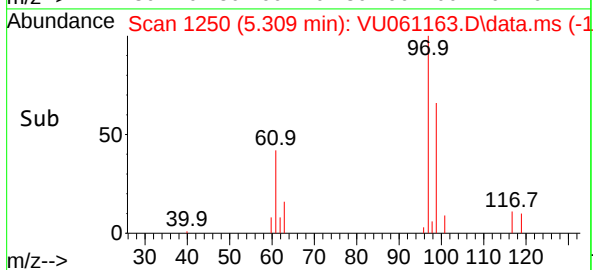
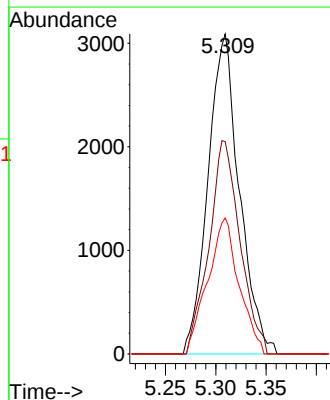
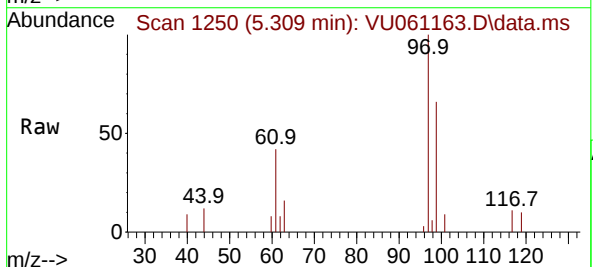
Manual Integrations
APPROVED

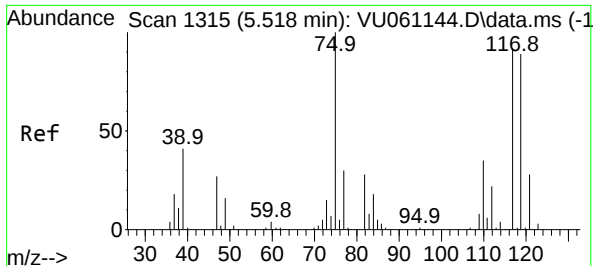
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#28
1,1,1-Trichloroethane
Concen: 0.318 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

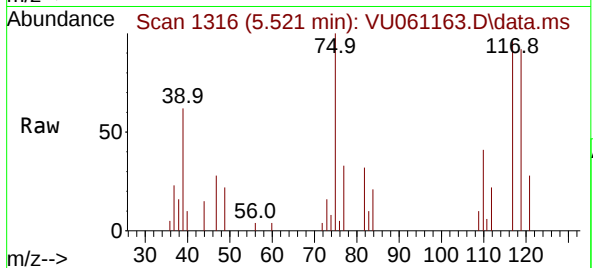
Tgt Ion: 97 Resp: 6694
Ion Ratio Lower Upper
97 100
99 66.0 31.9 95.5
61 42.4 22.1 66.1





#29
1,1-Dichloropropene
Concen: 0.321 ug/l
RT: 5.521 min Scan# 1163
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

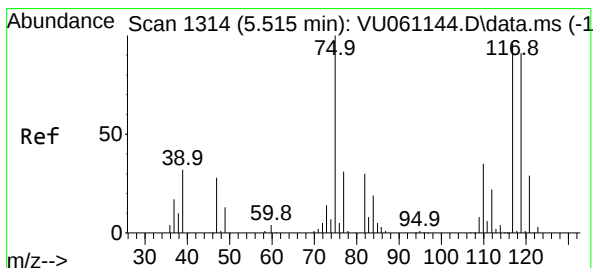
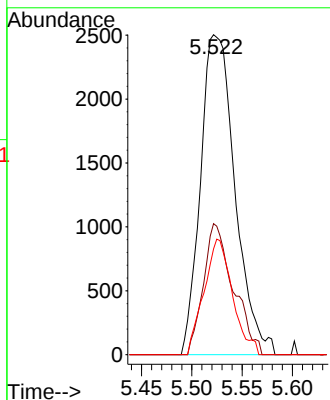
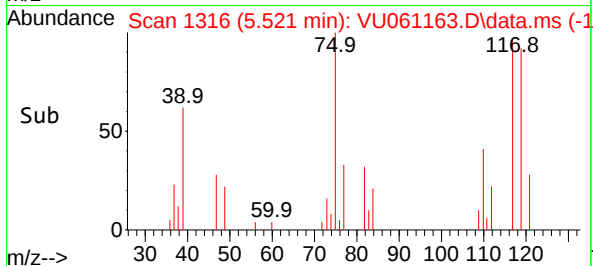
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



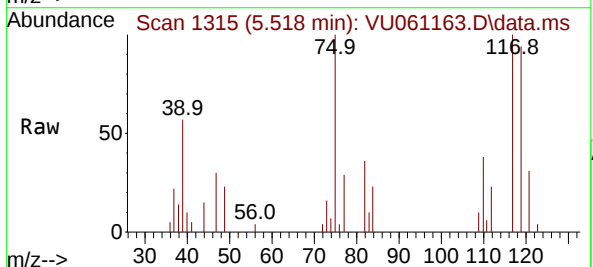
Tgt Ion: 75 Resp: 597
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.3
77 29.8 24.6 37.0

Manual Integrations
APPROVED

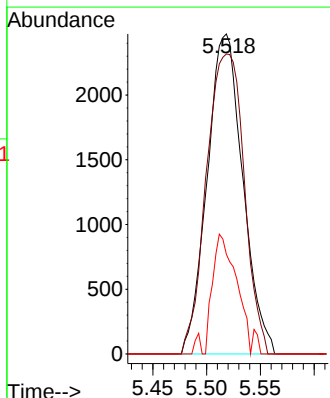
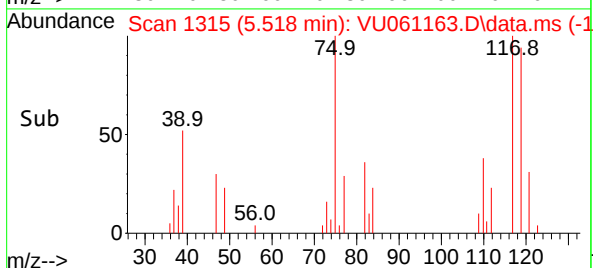
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

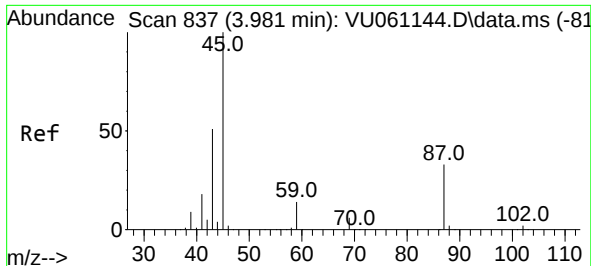


#30
Carbon Tetrachloride
Concen: 0.311 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13



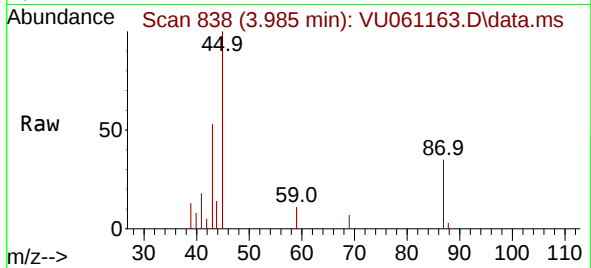
Tgt Ion:117 Resp: 5692
Ion Ratio Lower Upper
117 100
119 93.7 76.4 114.6
121 31.1 24.1 36.1





#31
Isopropyl Ether
Concen: 0.316 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

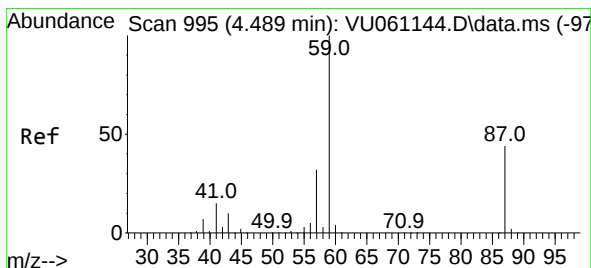
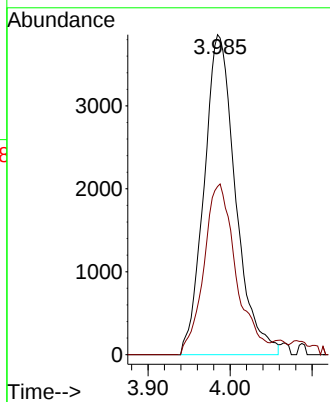
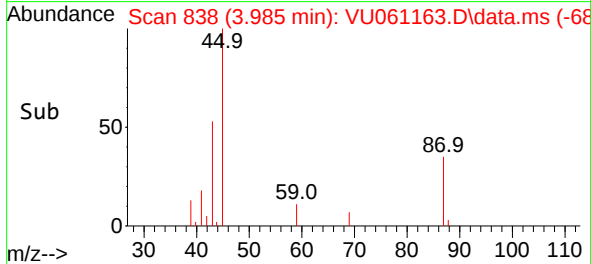
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 45 Resp: 10278
Ion Ratio Lower Upper
45 100
43 54.7 25.7 77.0

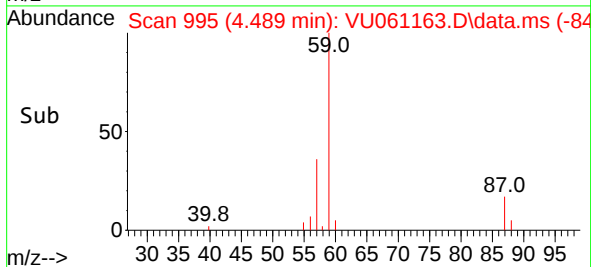
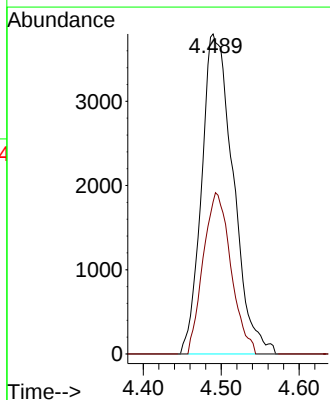
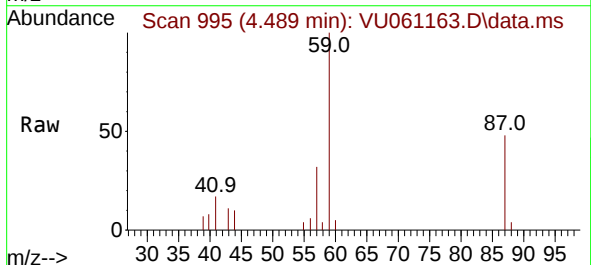
Manual Integrations
APPROVED

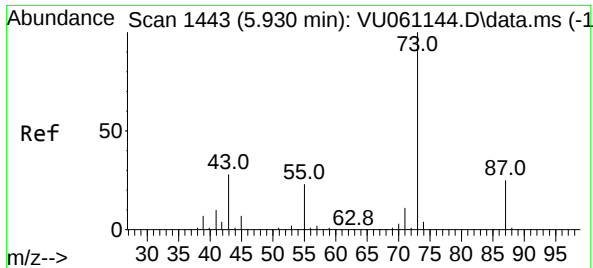
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#32
Ethyl-t-butyl ether
Concen: 0.319 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

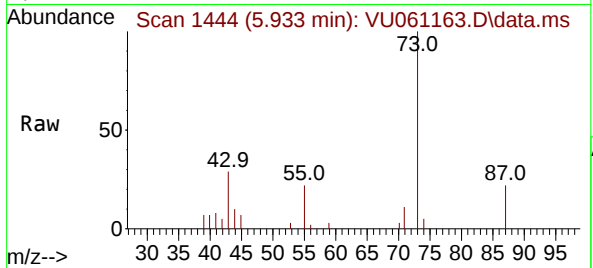
Tgt Ion: 59 Resp: 10668
Ion Ratio Lower Upper
59 100
87 44.4 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 0.333 ug/l
RT: 5.933 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

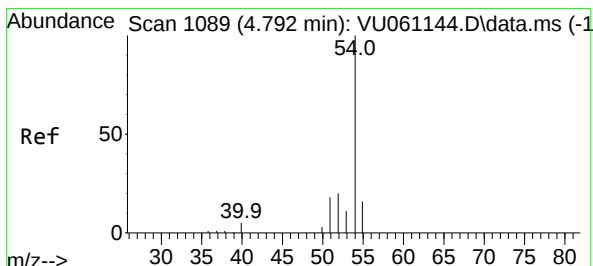
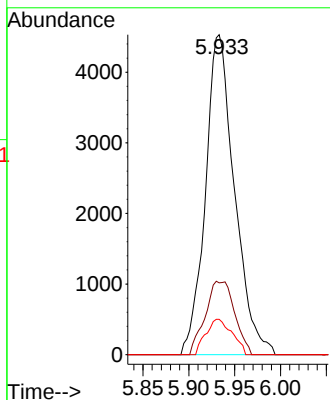
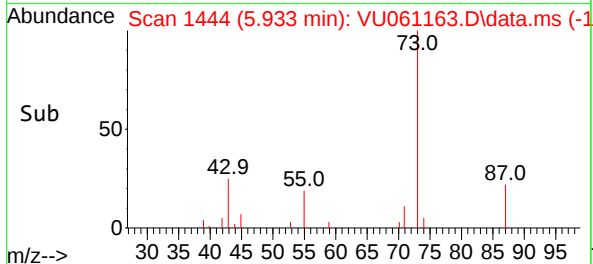
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 73 Resp: 1002
Ion Ratio Lower Upper
73 100
87 23.0 19.8 29.8
71 9.9 8.6 12.8

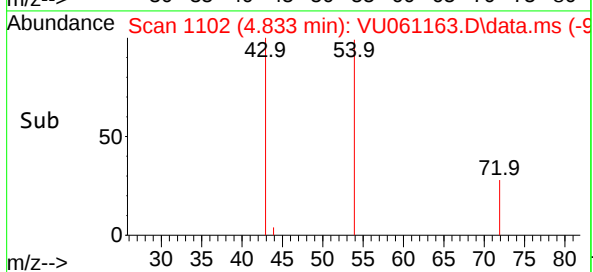
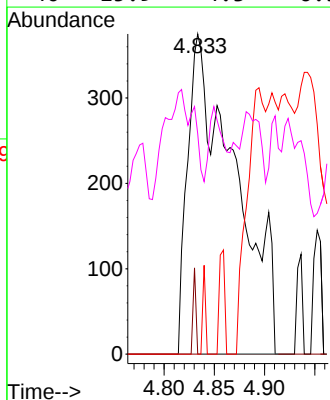
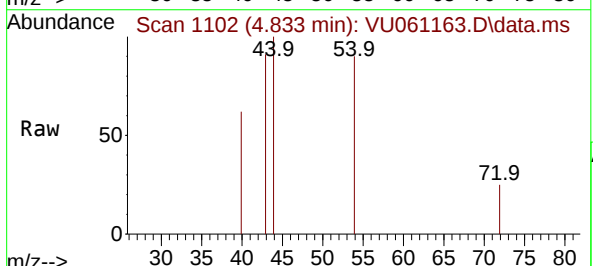
Manual Integrations
APPROVED

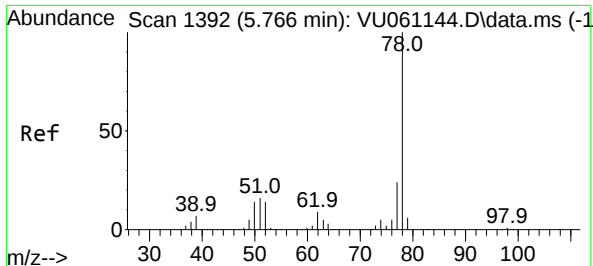
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#34
Propionitrile
Concen: 1.444 ug/l m
RT: 4.833 min Scan# 1102
Delta R.T. 0.042 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 54 Resp: 1213
Ion Ratio Lower Upper
54 100
52 1.6 15.3 22.9#
55 1.6 9.7 14.5#
40 15.9 4.3 6.5#





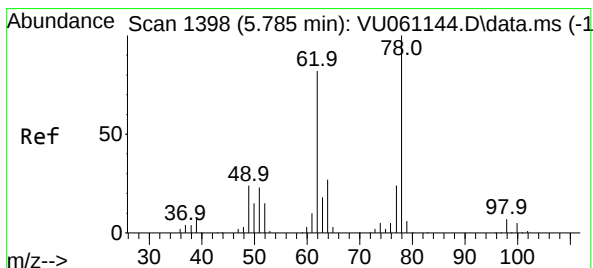
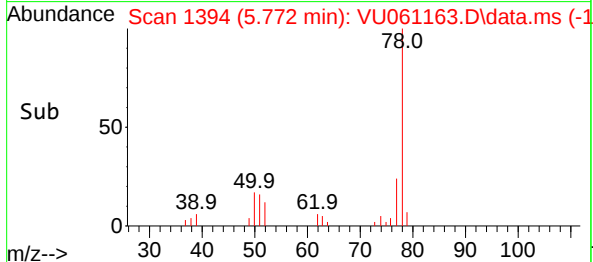
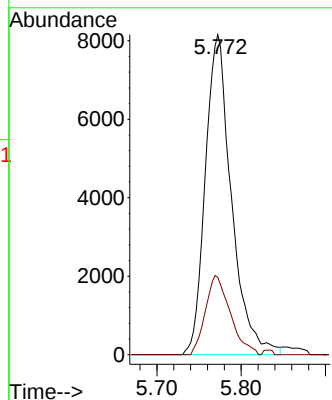
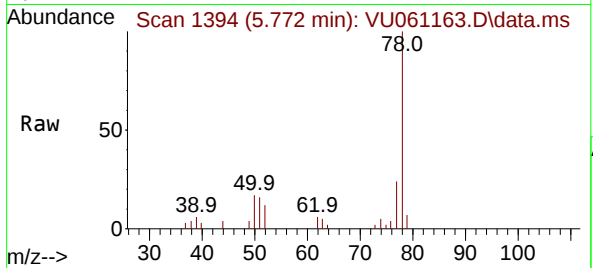
#35
Benzene
Concen: 0.335 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 78 Resp: 1757
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

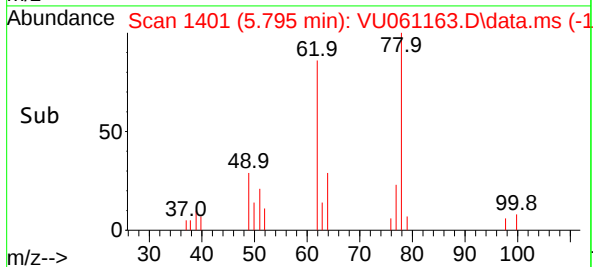
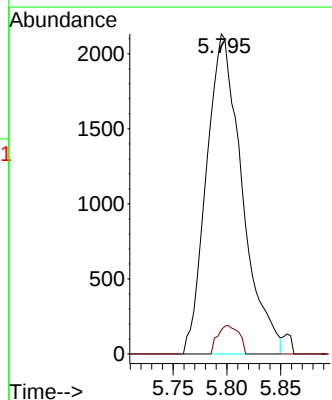
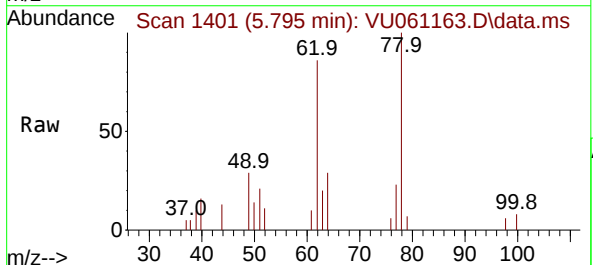
Manual Integrations
APPROVED

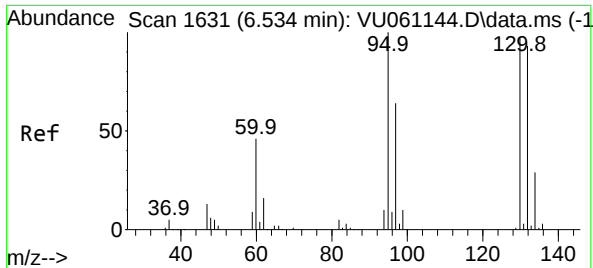
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#36
1,2-Dichloroethane
Concen: 0.332 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

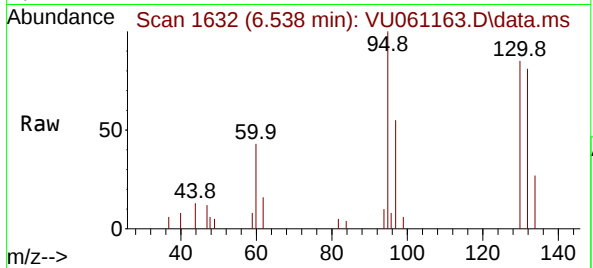
Tgt Ion: 62 Resp: 4913
Ion Ratio Lower Upper
62 100
98 5.3 7.0 10.4#





#37
Trichloroethene
Concen: 0.335 ug/l
RT: 6.538 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

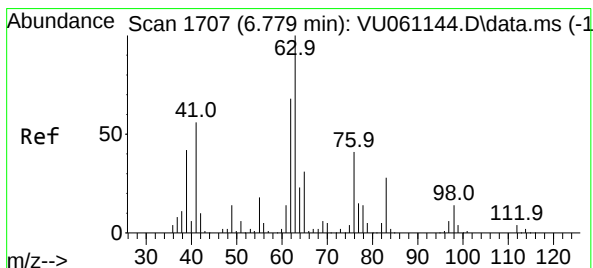
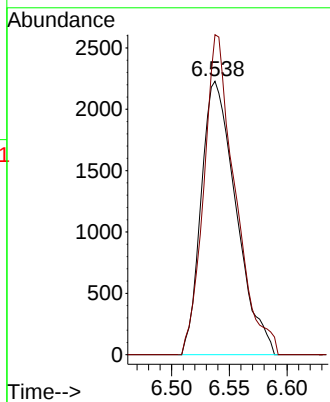
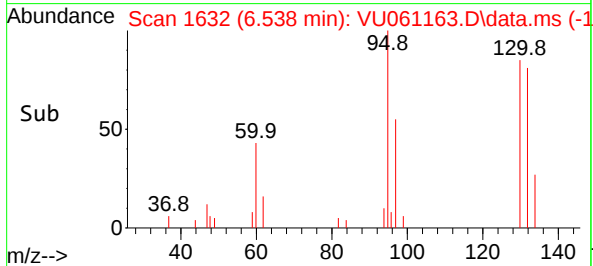
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



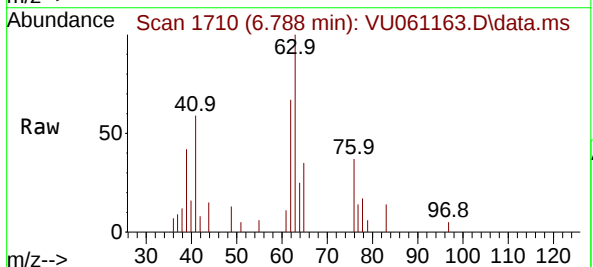
Tgt Ion:130 Resp: 468
Ion Ratio Lower Upper
130 100
95 117.0 82.6 123.8

Manual Integrations
APPROVED

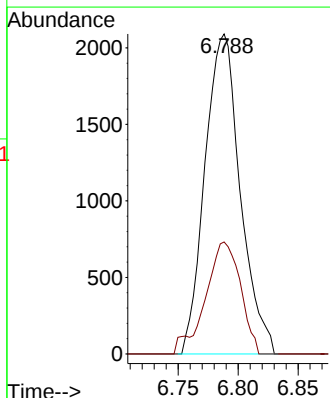
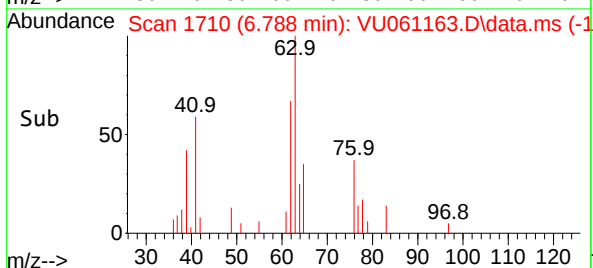
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

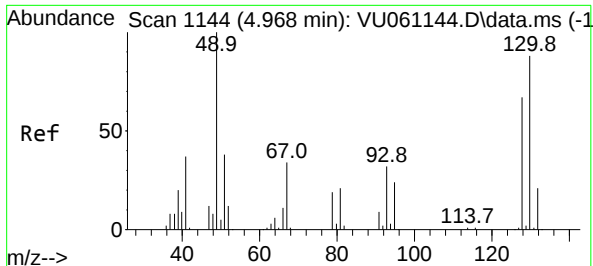


#38
1,2-Dichloropropane
Concen: 0.322 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.010 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13



Tgt Ion: 63 Resp: 4282
Ion Ratio Lower Upper
63 100
65 35.0 25.0 37.6





#39

Methacrylonitrile

Concen: 0.308 ug/l m

RT: 5.007 min Scan# 1156

Delta R.T. 0.039 min

Lab File: VU061163.D

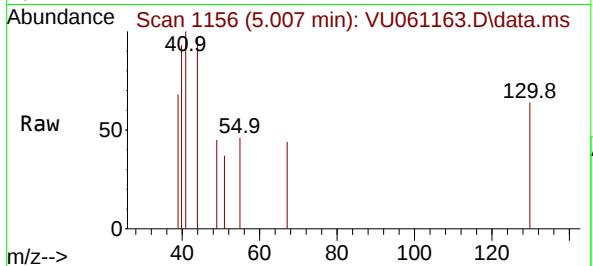
Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



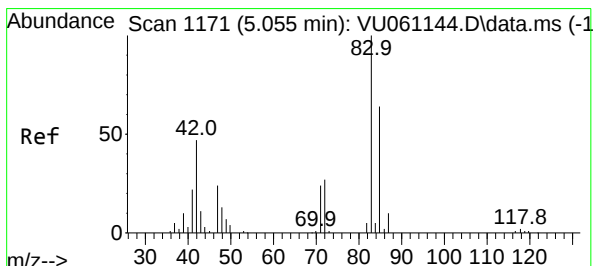
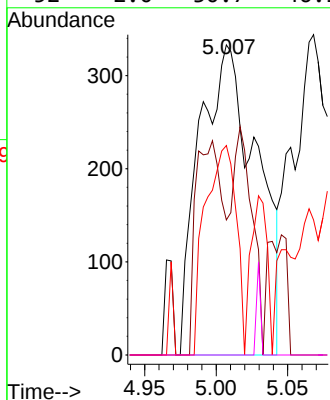
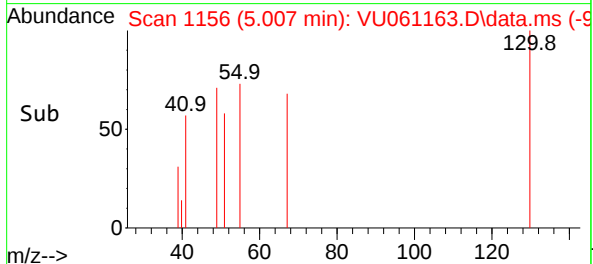
Tgt Ion:	41	Resp:	93
Ion	Ratio	Lower	Upper
41	100		
67	32.3	78.1	117.1
39	0.0	44.6	67.0
52	2.0	30.7	46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#41

Tetrahydrofuran

Concen: 0.822 ug/l m

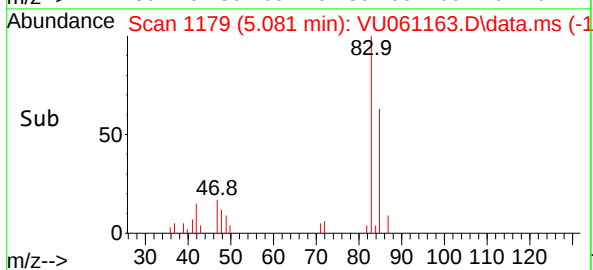
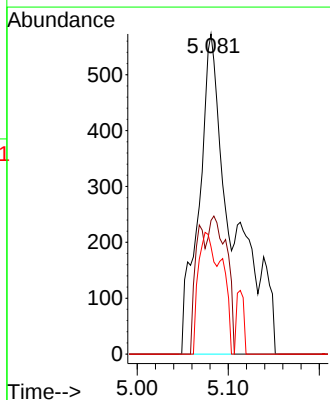
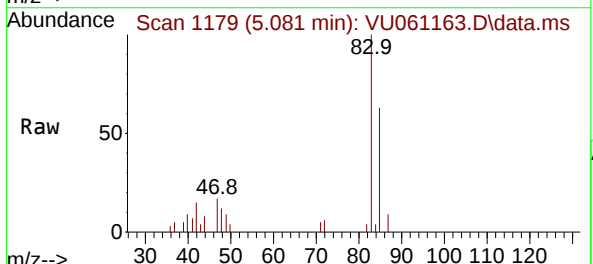
RT: 5.081 min Scan# 1179

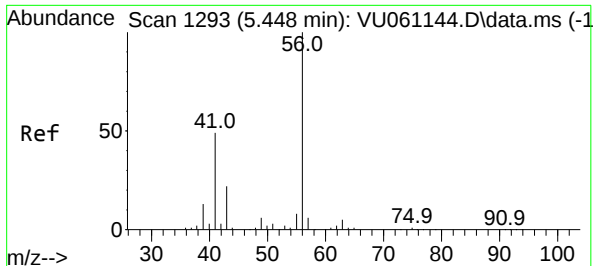
Delta R.T. 0.026 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

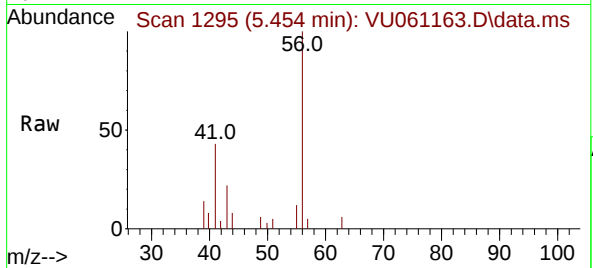
Tgt Ion:	42	Resp:	1494
Ion	Ratio	Lower	Upper
42	100		
72	21.2	47.8	71.8
71	0.0	41.5	62.3





#42
1-Chlorobutane
Concen: 0.339 ug/l
RT: 5.454 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

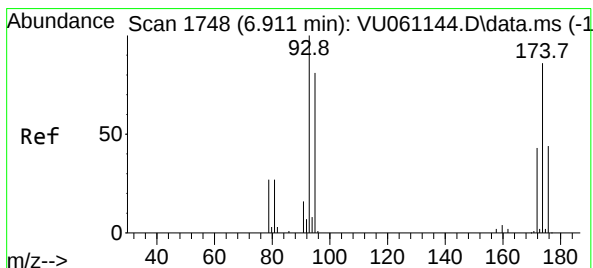
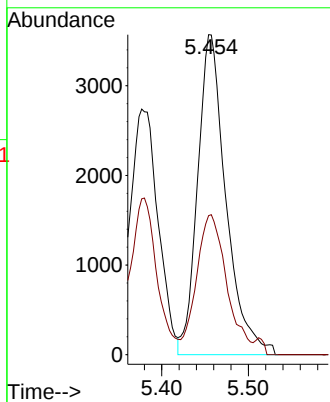
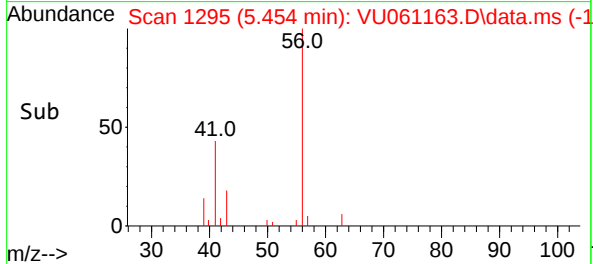
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 56 Resp: 8109
Ion Ratio Lower Upper
56 100
41 46.7 23.9 71.7

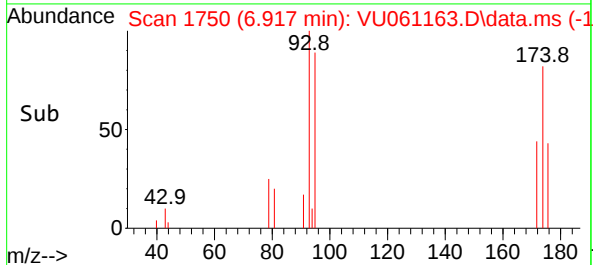
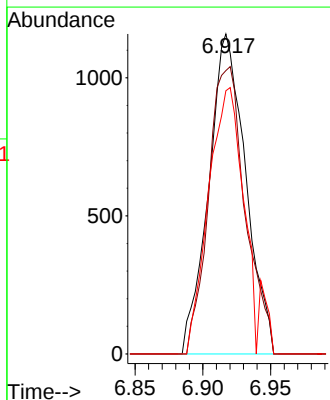
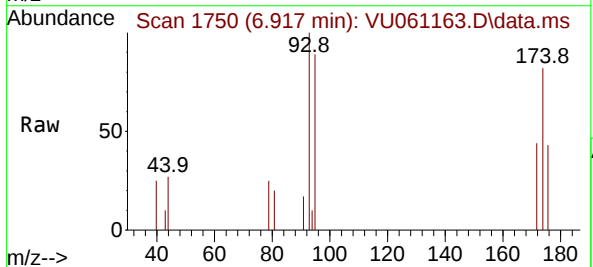
Manual Integrations
APPROVED

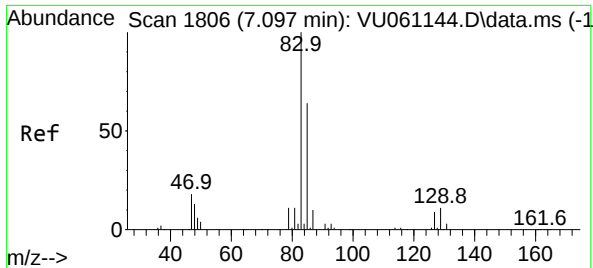
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#43
Dibromomethane
Concen: 0.319 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 93 Resp: 2199
Ion Ratio Lower Upper
93 100
95 89.4 67.5 101.3
174 77.8 71.2 106.8





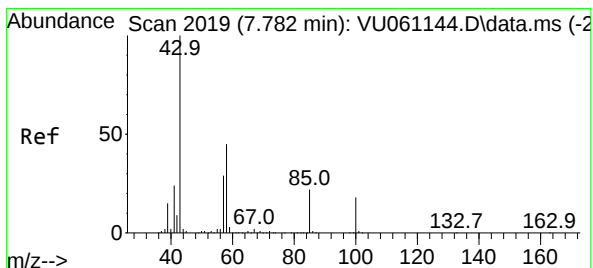
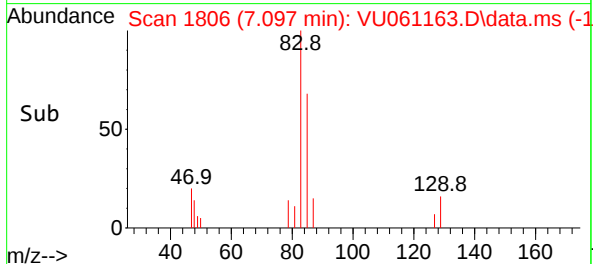
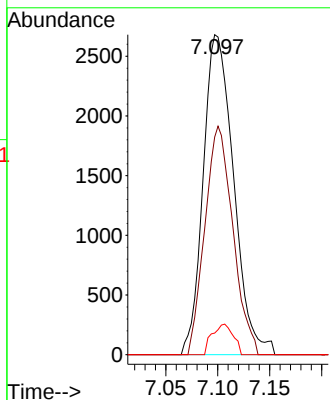
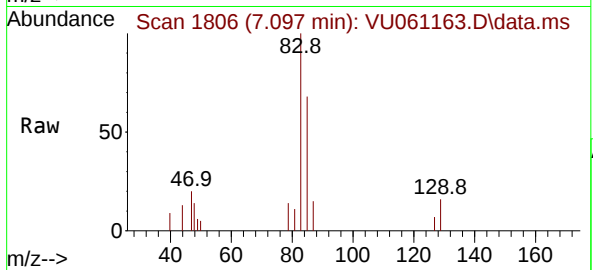
#44
Bromodichloromethane
Concen: 0.326 ug/l
RT: 7.097 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 83 Resp: 546
Ion Ratio Lower Upper
83 100
85 68.0 51.4 77.2
127 6.8 7.4 11.2

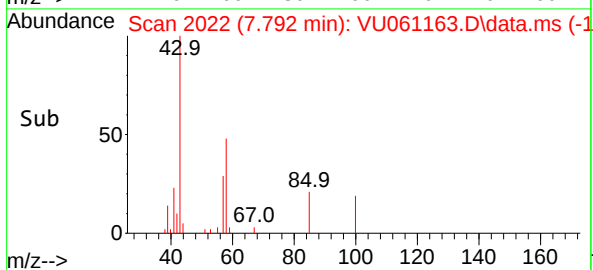
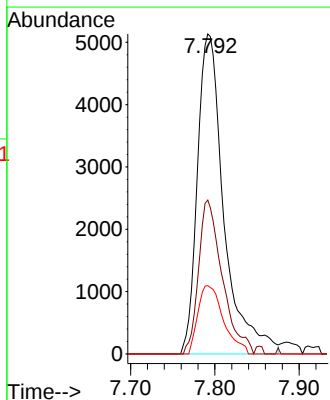
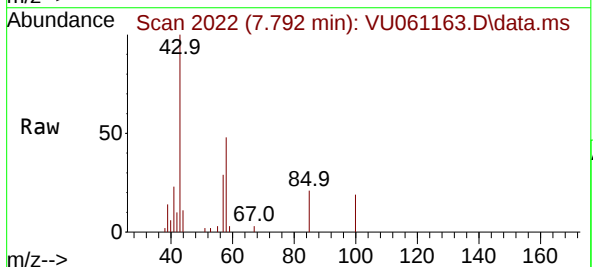
Manual Integrations
APPROVED

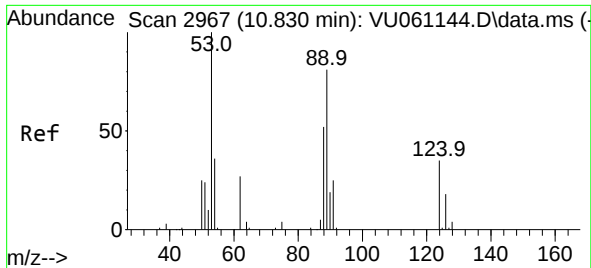
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#45
4-Methyl-2-Pentanone
Concen: 1.627 ug/l
RT: 7.792 min Scan# 2022
Delta R.T. 0.010 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

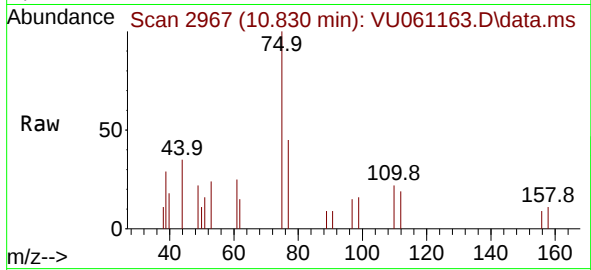
Tgt Ion: 43 Resp: 11252
Ion Ratio Lower Upper
43 100
58 43.1 22.2 66.6
85 20.5 17.2 25.8





#46
t-1,4-Dichloro-2-butene
Concen: 0.658 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

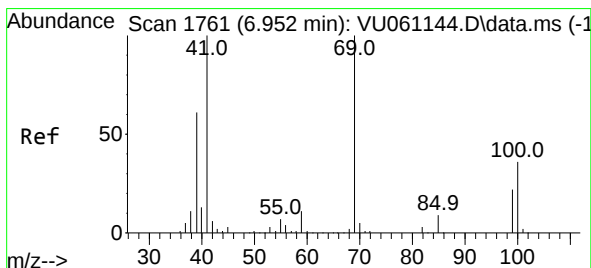
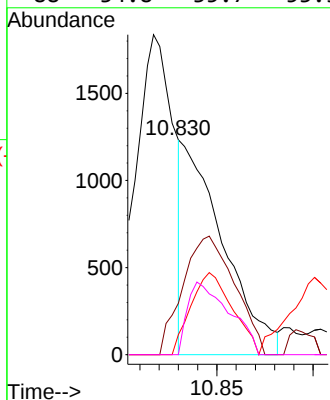
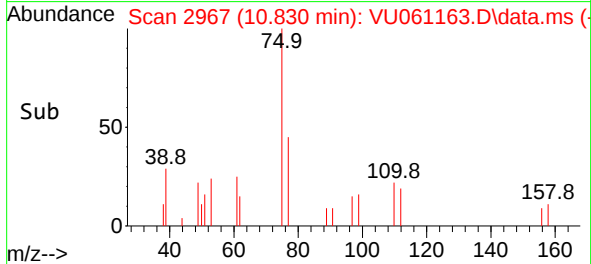
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 1814
Ion Ratio Lower Upper
75 100
53 70.5 66.0 99.0
89 39.0 48.0 72.0
88 34.8 35.7 53.5#

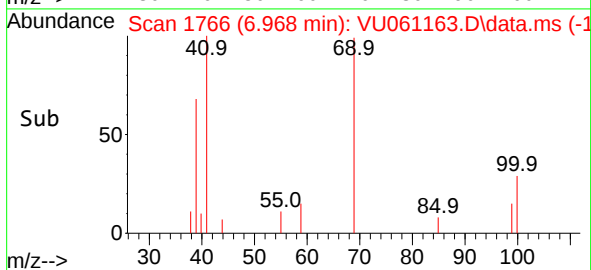
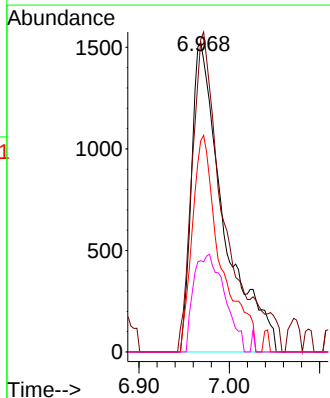
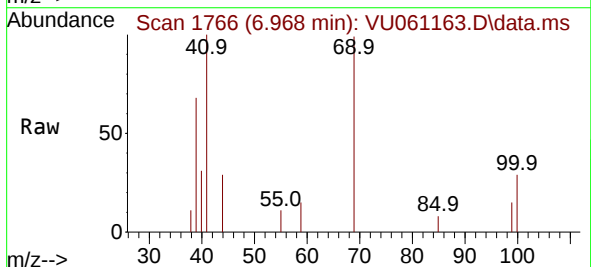
Manual Integrations
APPROVED

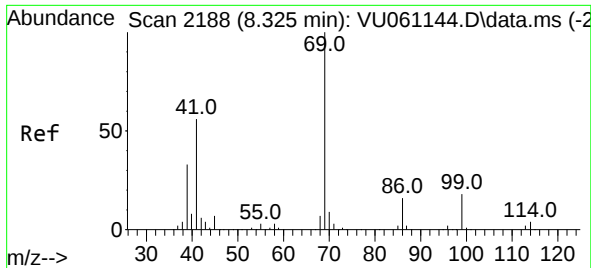
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#47
Methyl methacrylate
Concen: 0.628 ug/l m
RT: 6.968 min Scan# 1766
Delta R.T. 0.016 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 69 Resp: 3759
Ion Ratio Lower Upper
69 100
41 104.0 0.0 196.0
39 61.1 48.0 72.0
100 30.5 28.5 42.7





#48

Ethyl methacrylate

Concen: 0.312 ug/l

RT: 8.335 min Scan# 2188

Delta R.T. 0.010 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 69 Resp: 3979

Ion Ratio Lower Upper

69 100

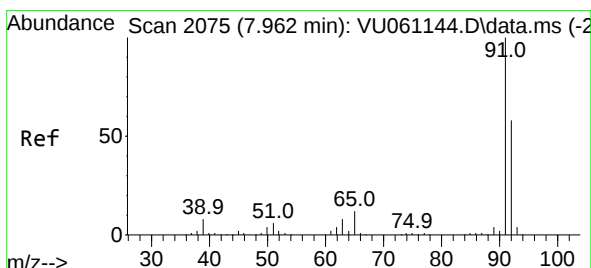
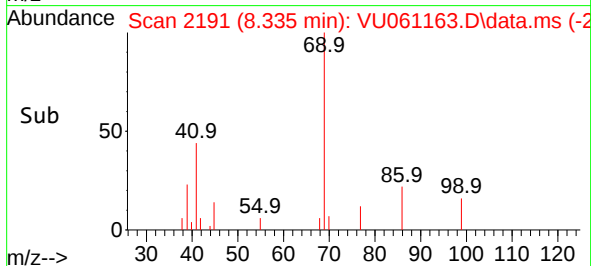
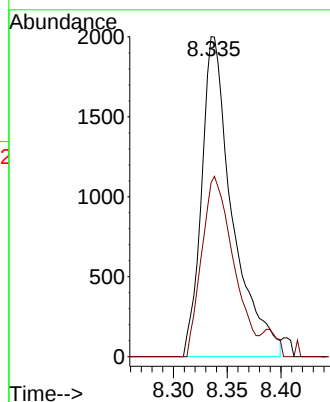
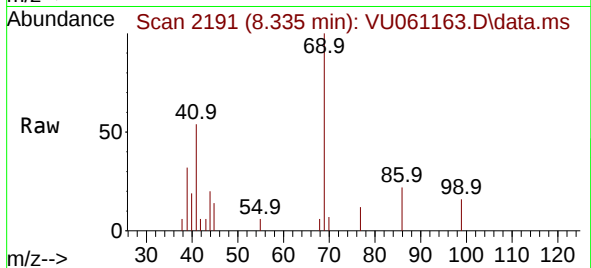
41 58.3 28.1 84.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#49

Toluene

Concen: 0.336 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU061163.D

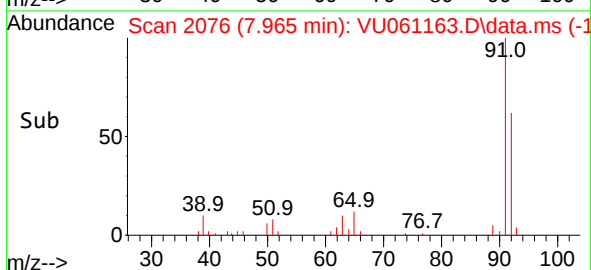
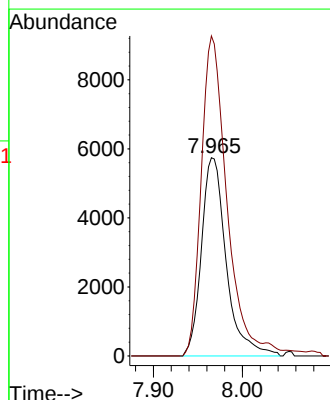
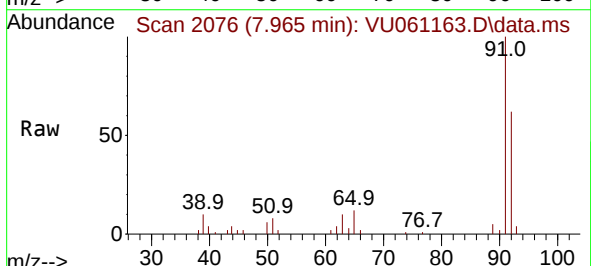
Acq: 18 Oct 2024 14:13

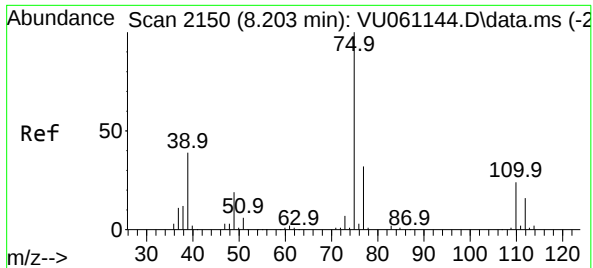
Tgt Ion: 92 Resp: 11120

Ion Ratio Lower Upper

92 100

91 164.3 139.1 208.7





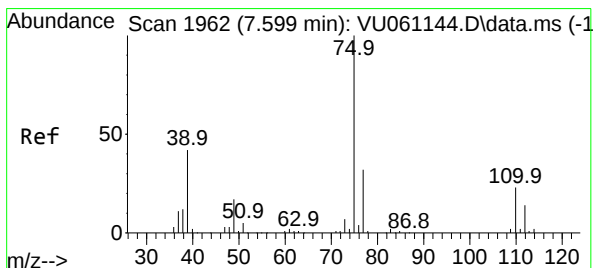
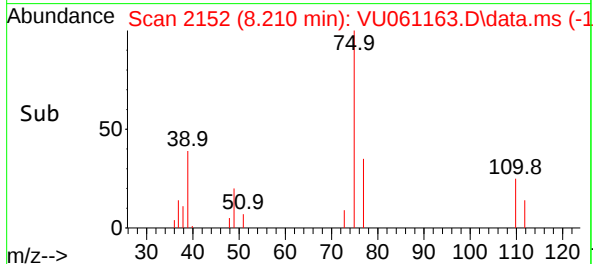
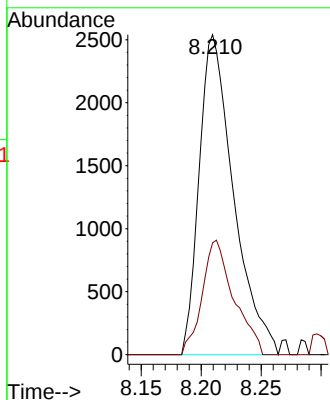
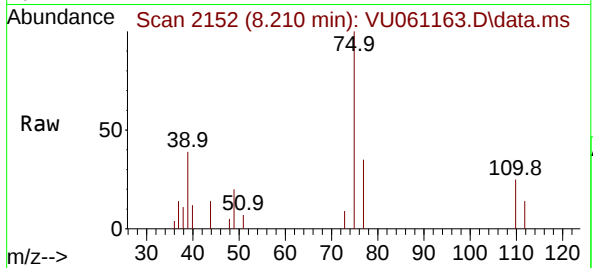
#50
 t-1,3-Dichloropropene
 Concen: 0.313 ug/l
 RT: 8.210 min Scan# 2150
 Delta R.T. 0.006 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 75 Resp: 5054
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.9 38.9

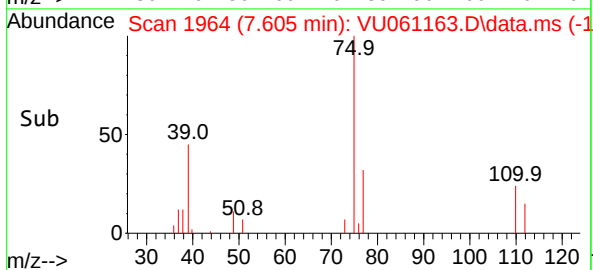
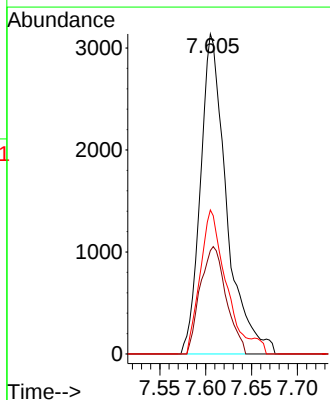
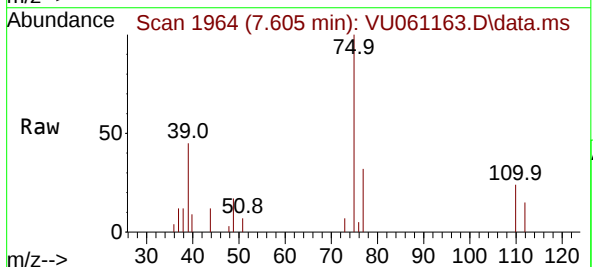
Manual Integrations
 APPROVED

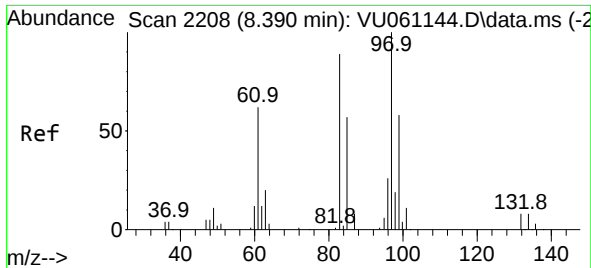
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#51
 cis-1,3-Dichloropropene
 Concen: 0.313 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU061163.D
 Acq: 18 Oct 2024 14:13

Tgt Ion: 75 Resp: 6201
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 39 45.0 33.7 50.5





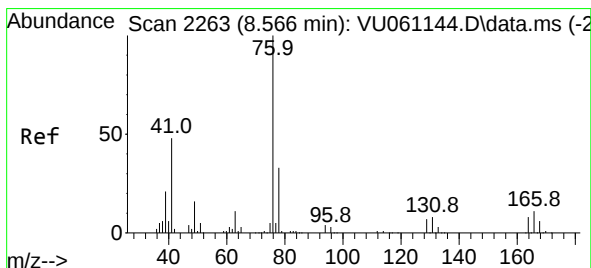
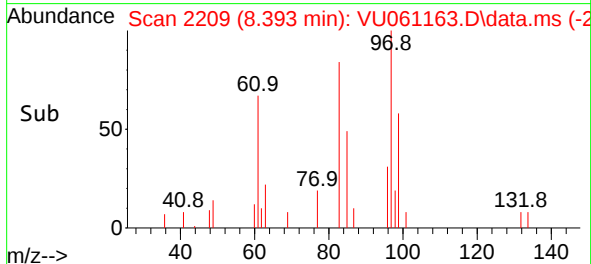
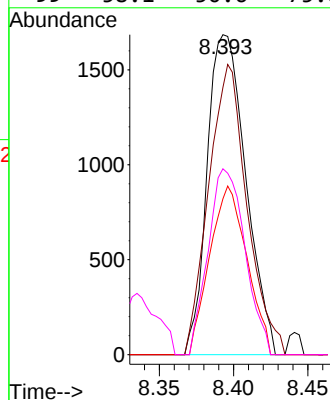
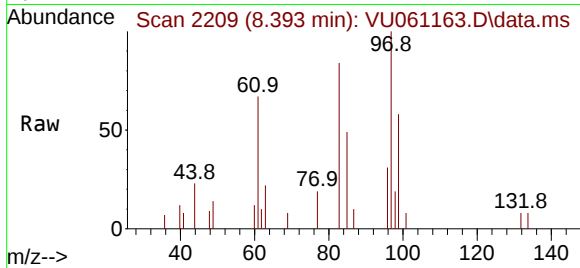
#52
1,1,2-Trichloroethane
Concen: 0.329 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion	97	Resp:	305
Ion	Ratio	Lower	Upper
97	100		
83	83.5	71.0	106.4
85	48.7	46.1	69.1
99	58.1	50.6	75.8

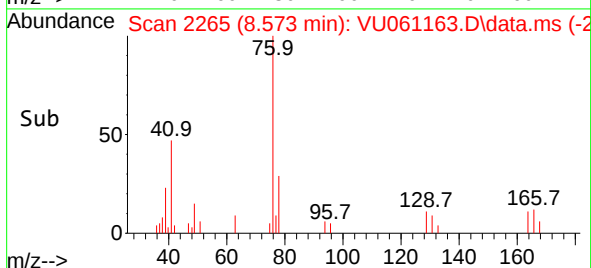
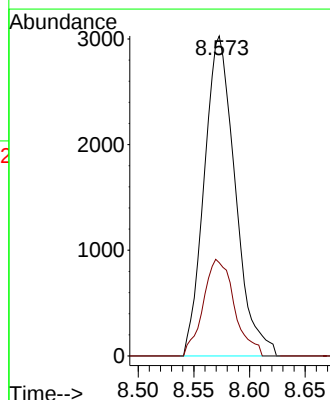
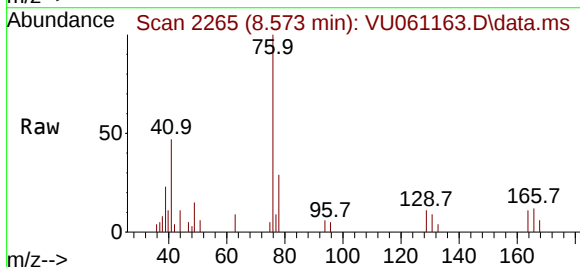
Manual Integrations
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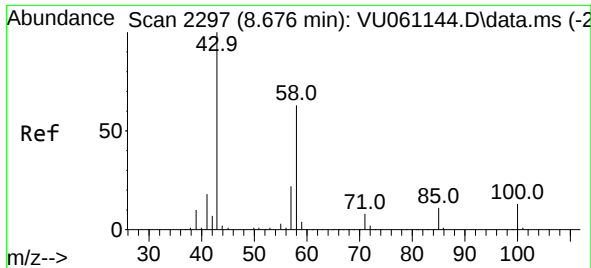
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#53
1,3-Dichloropropane
Concen: 0.359 ug/l
RT: 8.573 min Scan# 2265
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

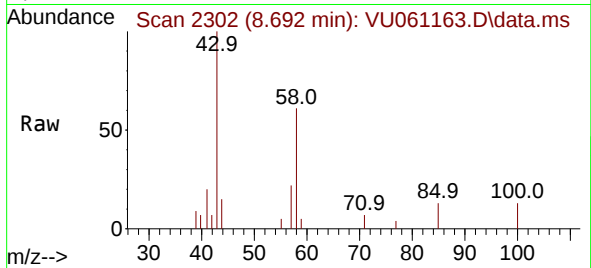
Tgt Ion	76	Resp:	5852
Ion	Ratio	Lower	Upper
76	100		
78	30.4	26.2	39.2





#54
2-Hexanone
Concen: 1.508 ug/l m
RT: 8.692 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

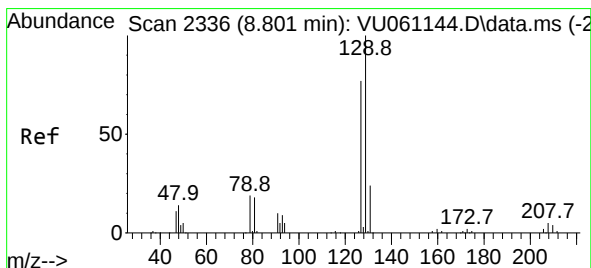
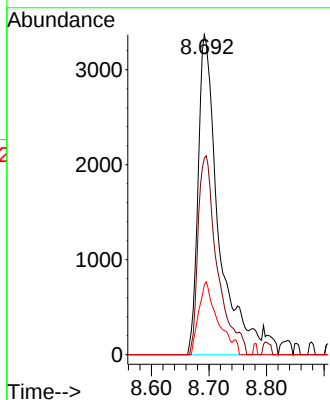
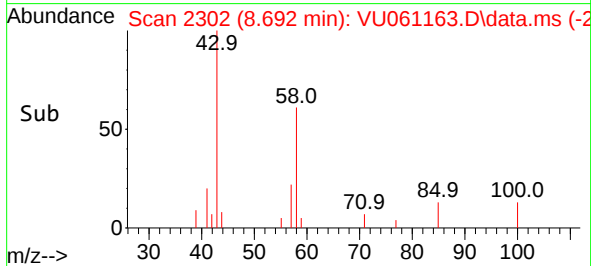
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
58 56.4 41.8 81.8
57 19.8 1.4 41.4

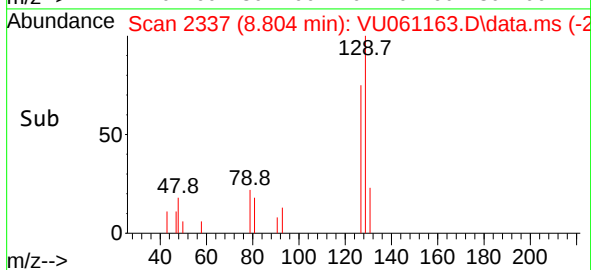
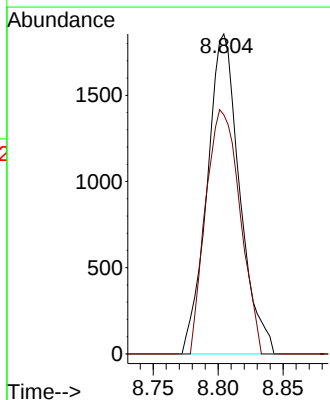
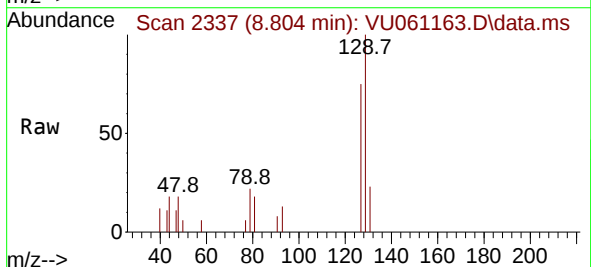
Manual Integrations
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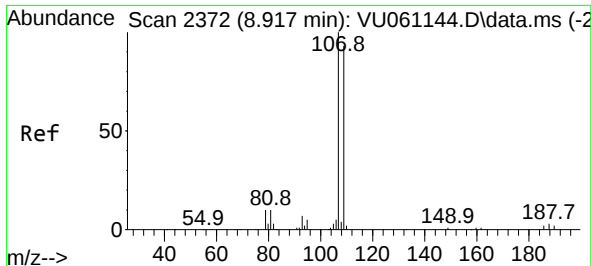
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#55
Dibromochloromethane
Concen: 0.294 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:129 Resp: 3227
Ion Ratio Lower Upper
129 100
127 80.8 61.9 92.9





#56

1,2-Dibromoethane

Concen: 0.323 ug/l

RT: 8.923 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:107 Resp: 2878

Ion Ratio Lower Upper

107 100

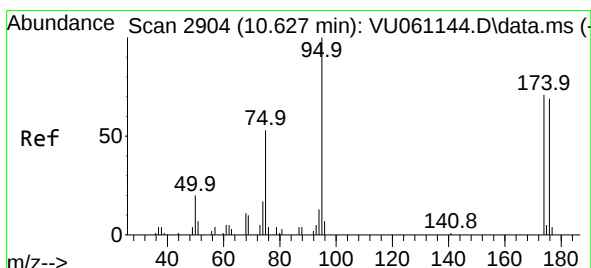
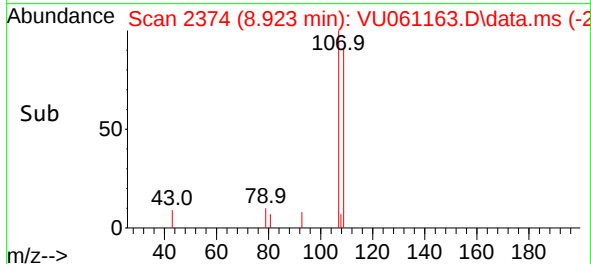
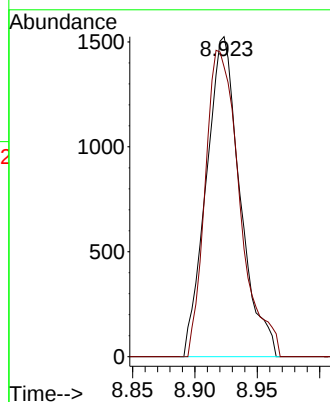
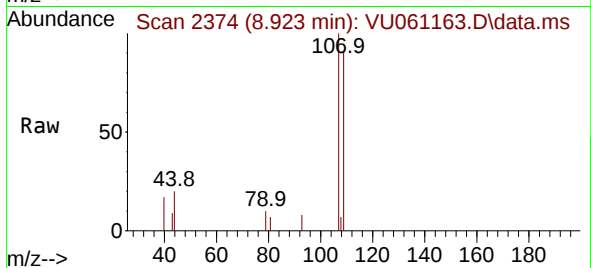
109 97.9 0.0 185.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#57

4-Bromofluorobenzene

Concen: 0.886 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

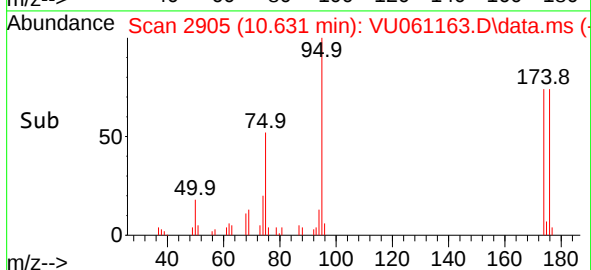
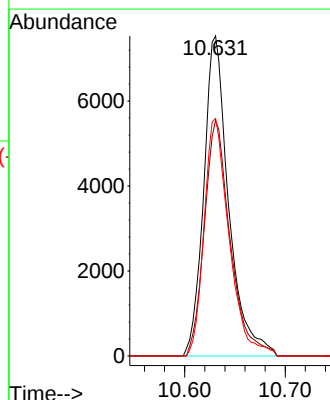
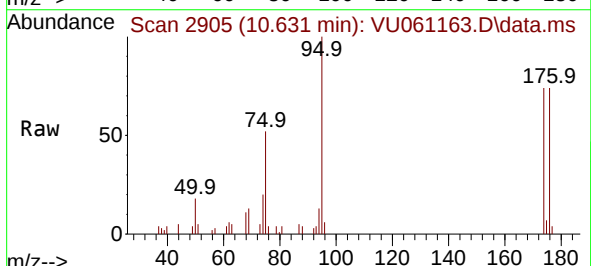
Tgt Ion: 95 Resp: 13019

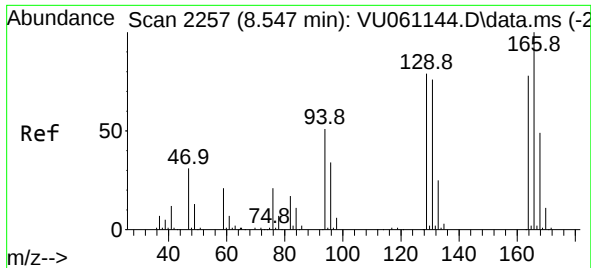
Ion Ratio Lower Upper

95 100

174 76.2 55.4 83.0

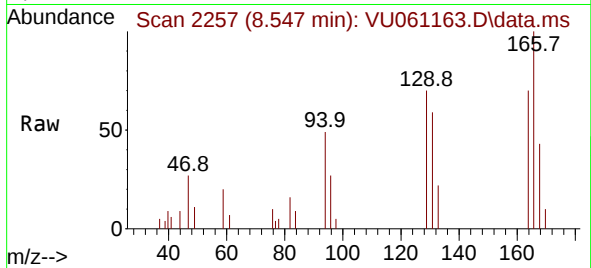
176 74.2 54.4 81.6





#58
Tetrachloroethene
Concen: 0.327 ug/l
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

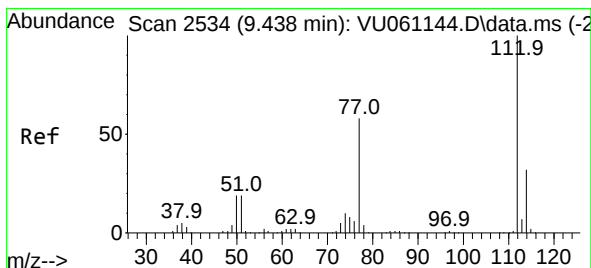
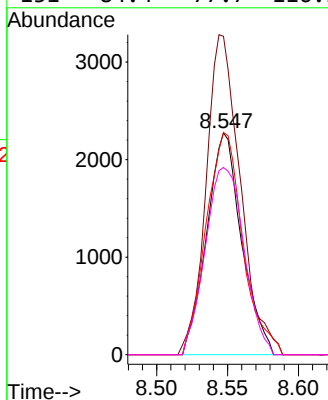
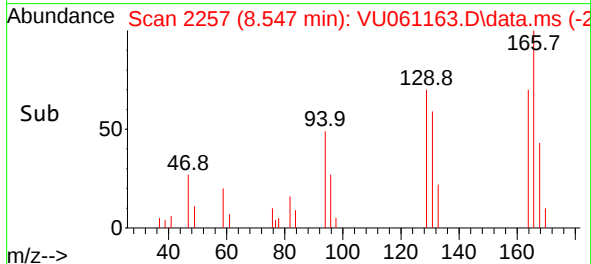
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:164 Resp: 388
Ion Ratio Lower Upper
164 100
166 143.5 102.1 153.1
129 100.2 80.6 120.8
131 84.4 77.7 116.5

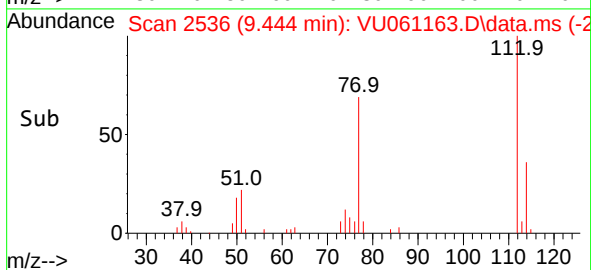
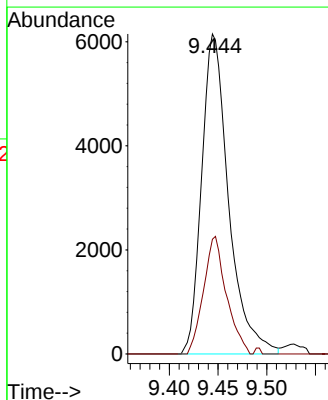
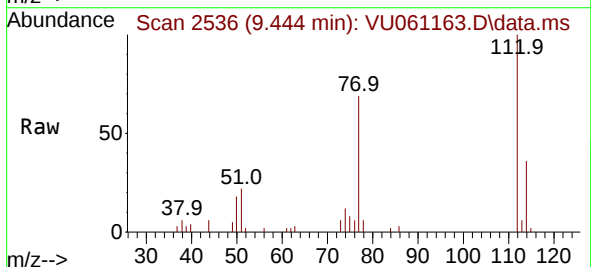
Manual Integrations
APPROVED

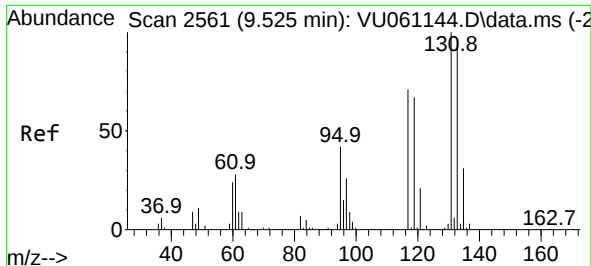
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#59
Chlorobenzene
Concen: 0.331 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

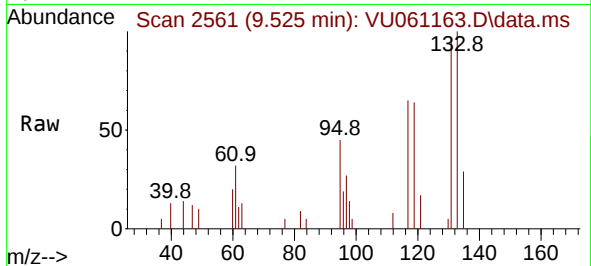
Tgt Ion:112 Resp: 11832
Ion Ratio Lower Upper
112 100
114 35.9 25.4 38.2





#60
1,1,1,2-Tetrachloroethane
Concen: 0.320 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

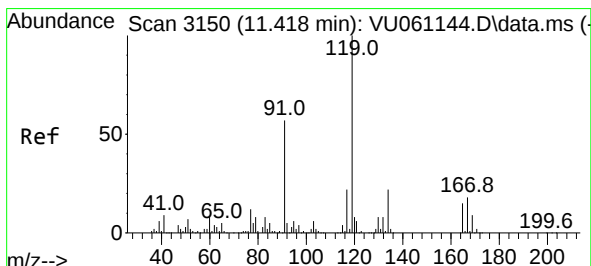
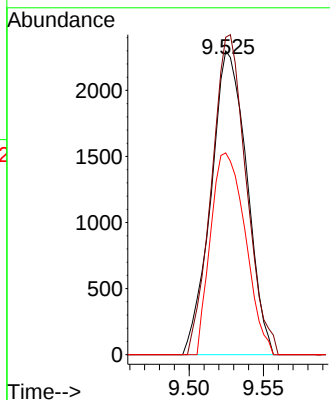
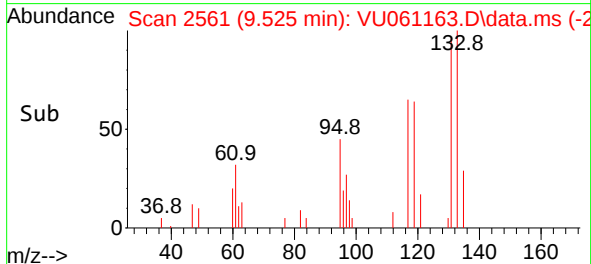
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:131 Resp: 3850
Ion Ratio Lower Upper
131 100
133 101.5 76.8 115.2
119 64.2 54.2 81.2

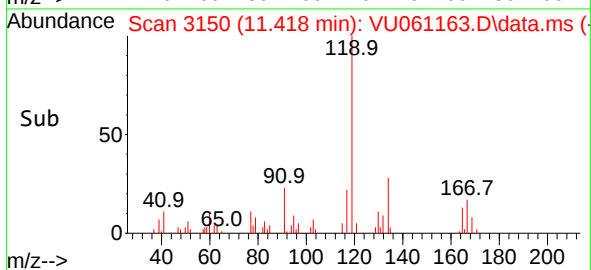
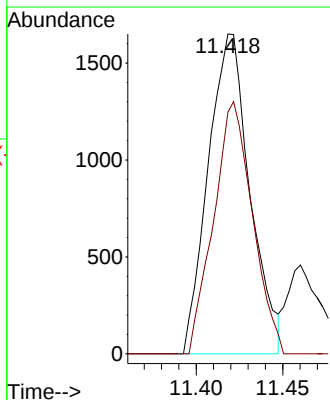
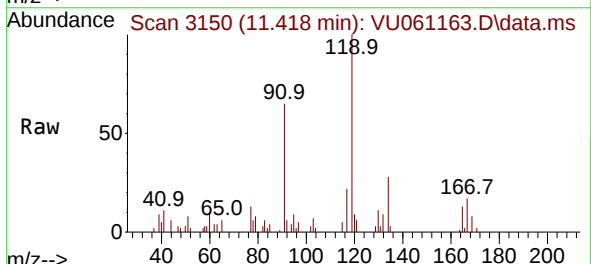
Manual Integrations
APPROVED

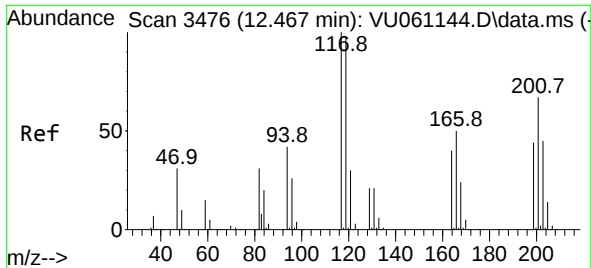
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#61
Pentachloroethane
Concen: 0.300 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:117 Resp: 2764
Ion Ratio Lower Upper
117 100
167 73.3 63.4 95.2





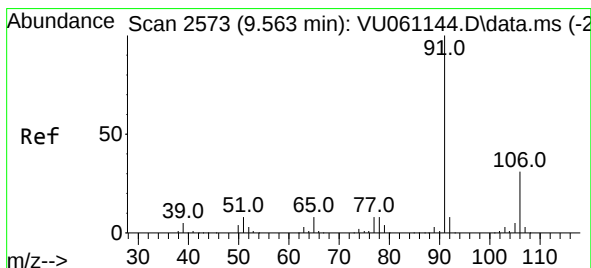
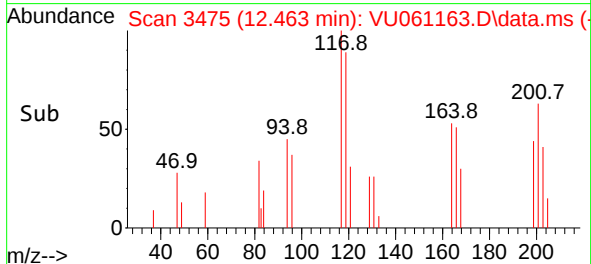
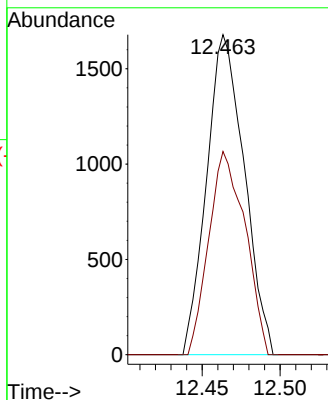
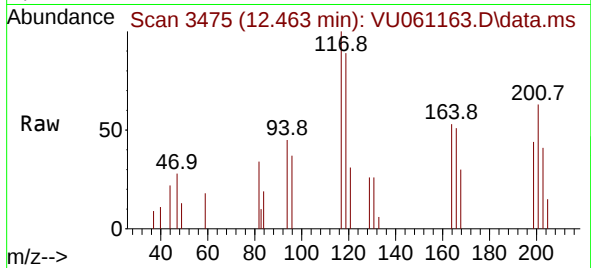
#62
Hexachloroethane
Concen: 0.297 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:117 Resp: 2818
Ion Ratio Lower Upper
117 100
201 61.3 54.3 81.5

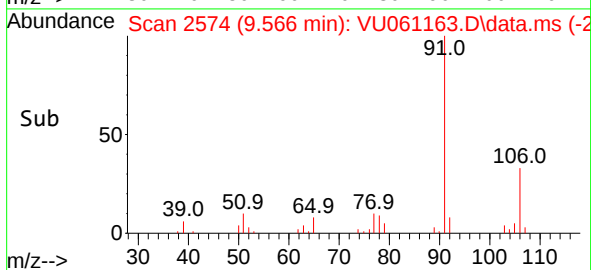
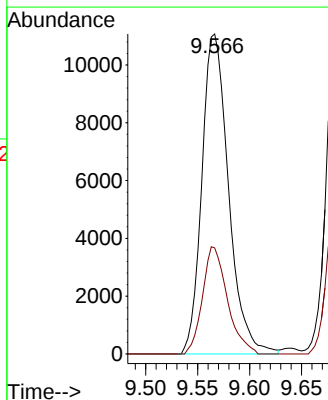
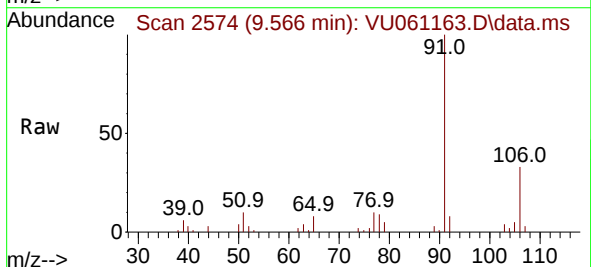
Manual Integrations
APPROVED

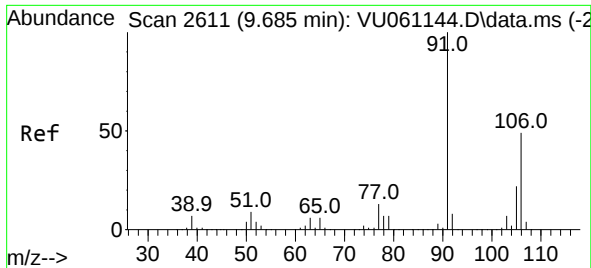
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#63
Ethyl Benzene
Concen: 0.309 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 91 Resp: 19794
Ion Ratio Lower Upper
91 100
106 33.2 24.6 37.0





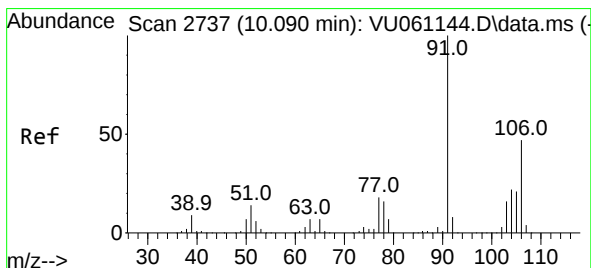
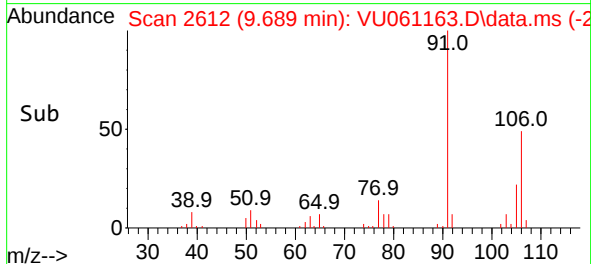
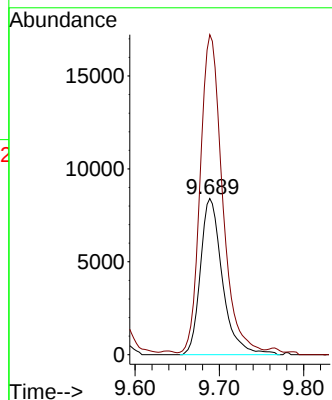
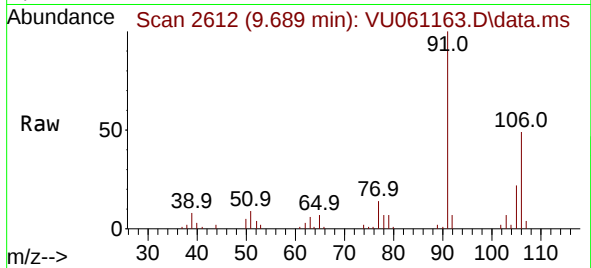
#64
m/p-Xylenes
Concen: 0.628 ug/l
RT: 9.689 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:106 Resp: 1529
Ion Ratio Lower Upper
106 100
91 204.5 163.3 244.9

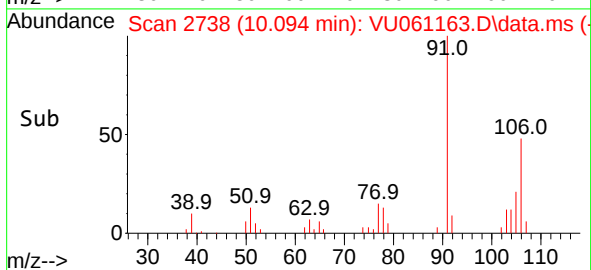
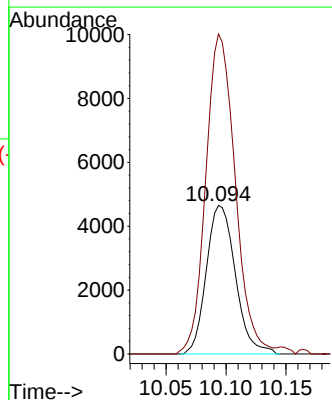
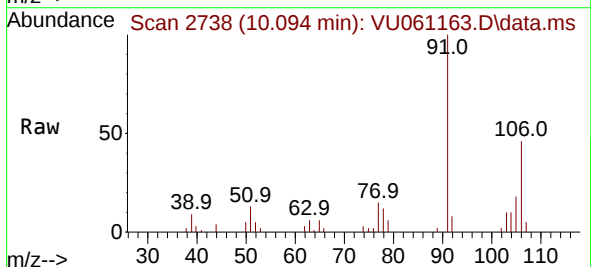
Manual Integrations
APPROVED

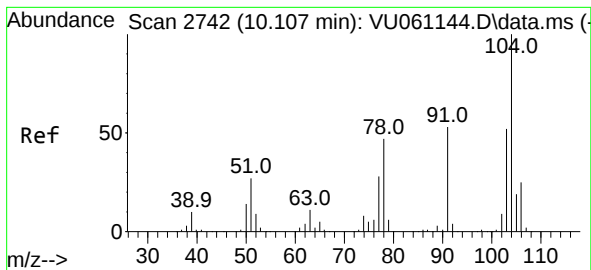
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#65
o-Xylene
Concen: 0.327 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:106 Resp: 7836
Ion Ratio Lower Upper
106 100
91 217.9 106.9 320.8





#66

Styrene

Concen: 0.314 ug/l

RT: 10.116 min Scan# 2742

Delta R.T. 0.010 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

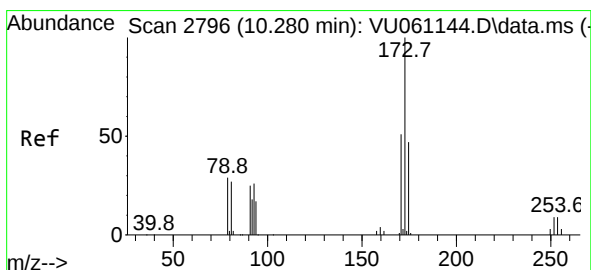
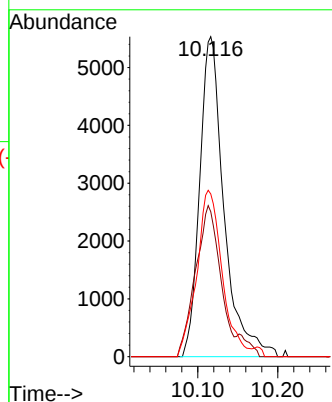
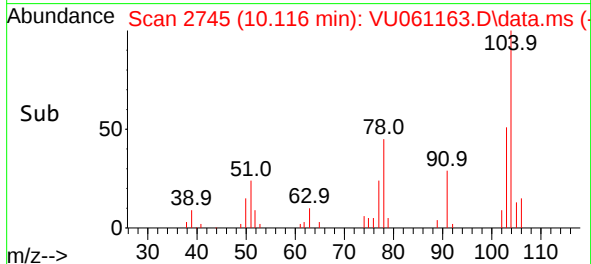
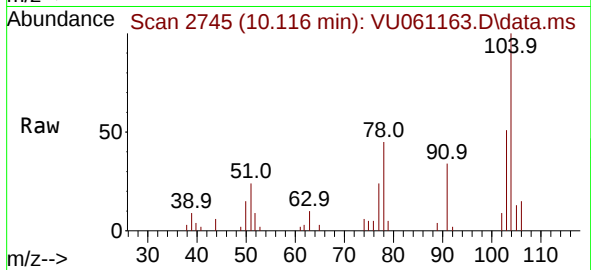
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:104	Resp:	11718
Ion Ratio	Lower	Upper
104	100	
78	48.3	41.6 62.4
103	54.5	45.0 67.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#67

Bromoform

Concen: 0.277 ug/l

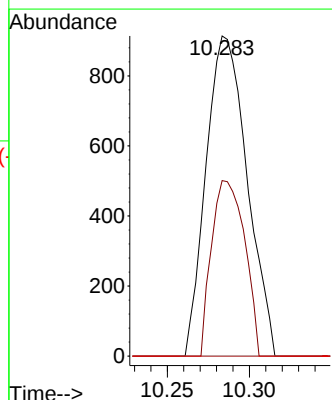
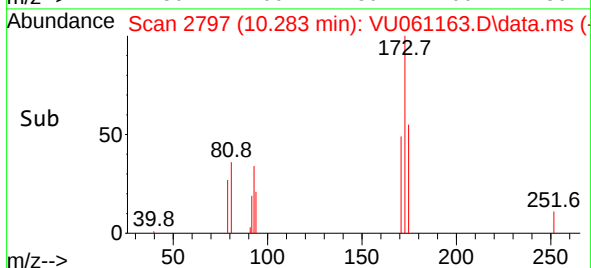
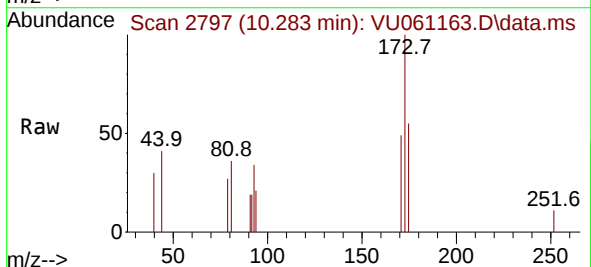
RT: 10.283 min Scan# 2797

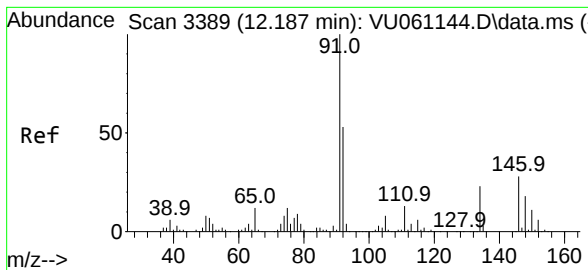
Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

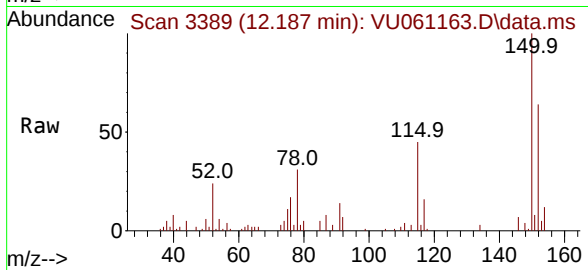
Tgt Ion:173	Resp:	1589
Ion Ratio	Lower	Upper
173	100	
175	44.0	37.8 56.8
254	0.0	7.0 10.4





#68
1,2-Dichlorobenzene-d4
Concen: 0.903 ug/l
RT: 12.187 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

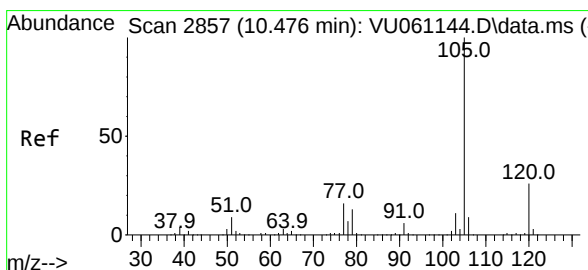
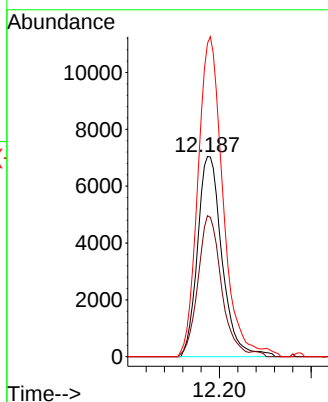
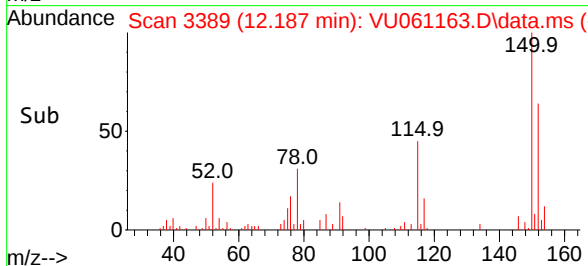
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



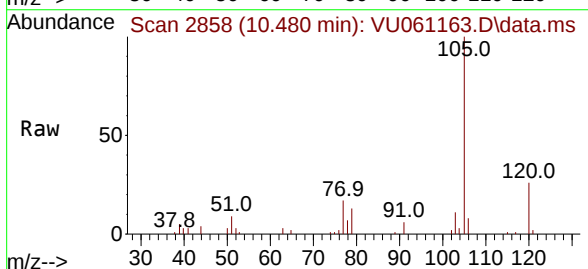
Tgt Ion:152 Resp: 13069
Ion Ratio Lower Upper
152 100
115 67.3 0.0 275.0
150 163.7 0.0 668.8

Manual Integrations
APPROVED

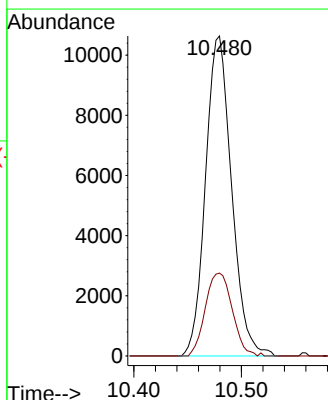
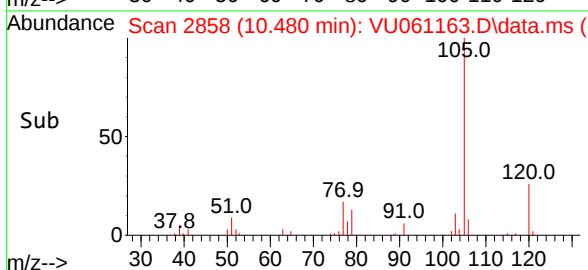
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

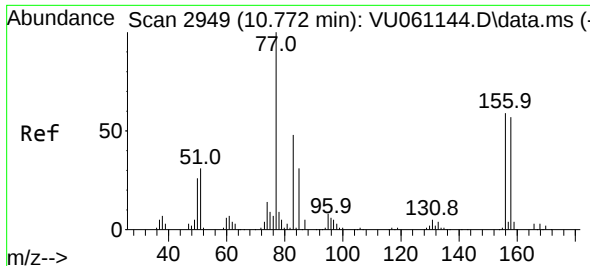


#69
Isopropylbenzene
Concen: 0.314 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13



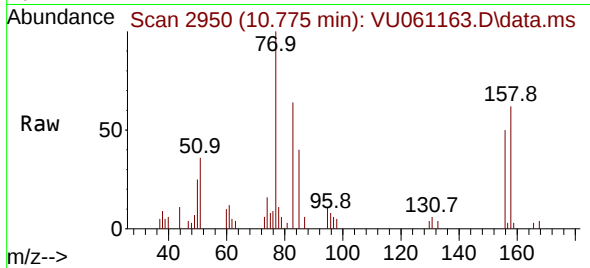
Tgt Ion:105 Resp: 17916
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1





#70
1,1,2,2-Tetrachloroethane
Concen: 0.339 ug/l
RT: 10.775 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

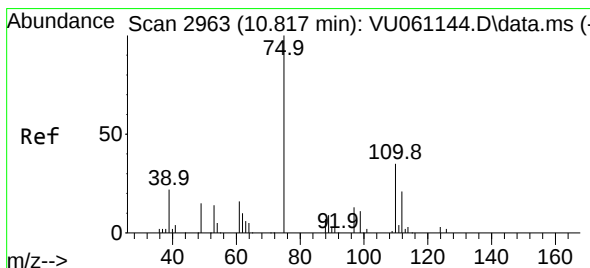
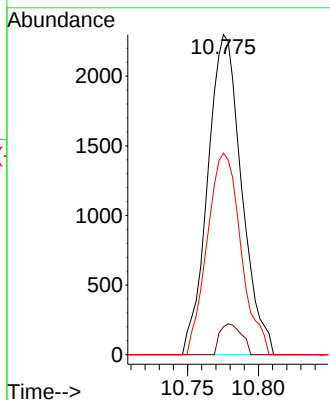
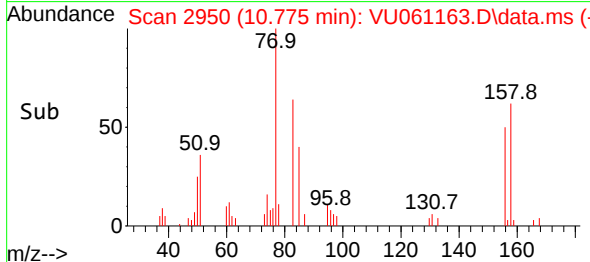
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 83 Resp: 3820
Ion Ratio Lower Upper
83 100
131 6.2 7.8 11.8
85 62.7 50.8 76.2

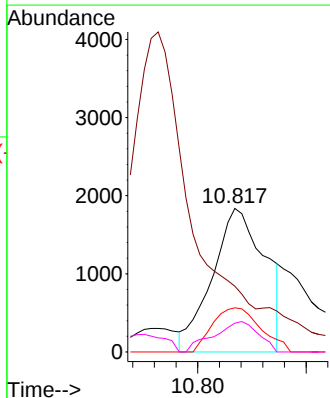
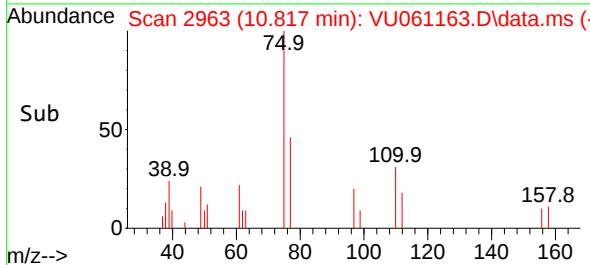
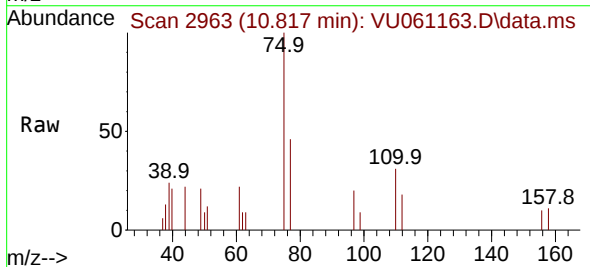
Manual Integrations
APPROVED

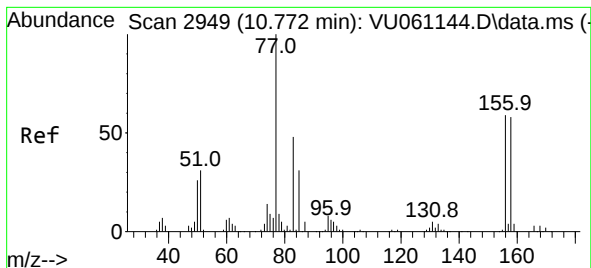
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#71
1,2,3-Trichloropropane
Concen: 0.338 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion: 75 Resp: 3103
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 28.0 0.0 68.6
97 17.9 0.0 36.8





#72

Bromobenzene

Concen: 0.297 ug/l

RT: 10.785 min Scan# 2953

Delta R.T. 0.013 min

Lab File: VU061163.D

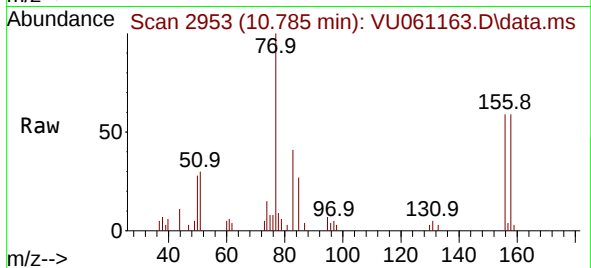
Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

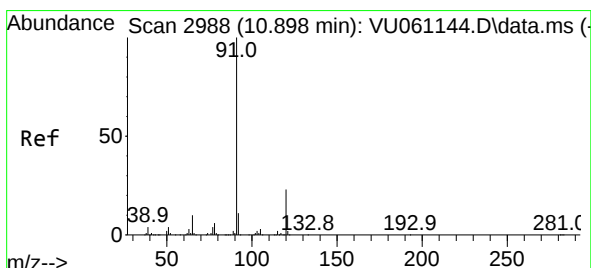
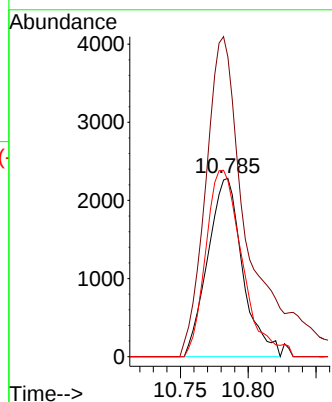
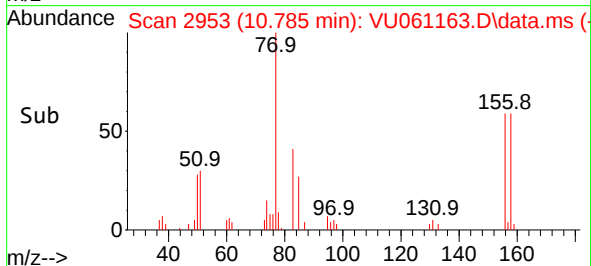


Tgt Ion:	156	Resp:	407
Ion	Ratio	Lower	Upper
156	100		
77	220.2	0.0	337.2
158	109.9	0.0	192.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#73

n-propylbenzene

Concen: 0.302 ug/l

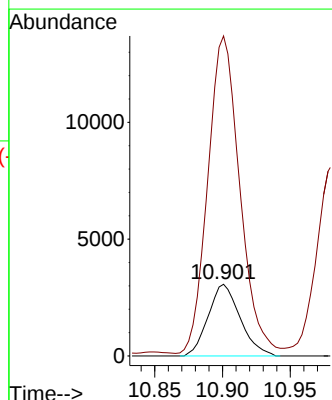
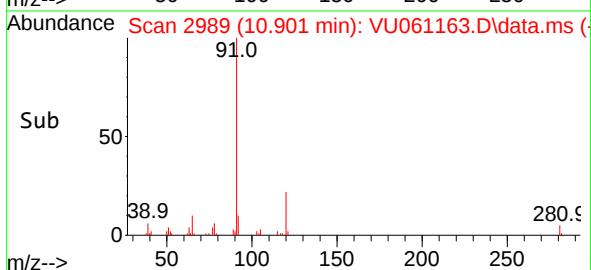
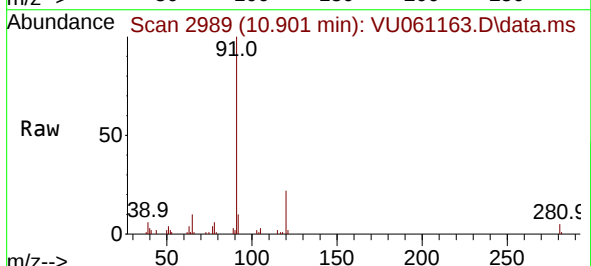
RT: 10.901 min Scan# 2989

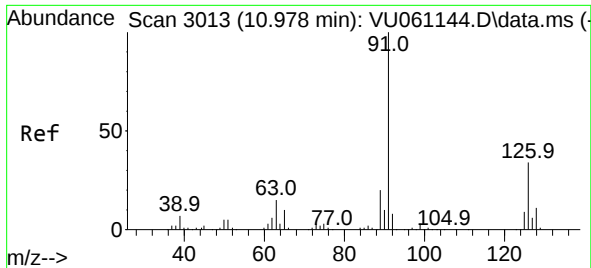
Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Tgt Ion:	120	Resp:	5034
Ion	Ratio	Lower	Upper
120	100		
91	441.3	353.6	530.4





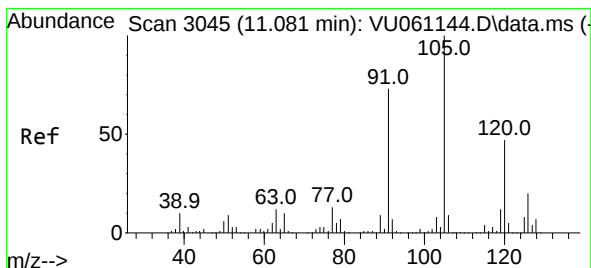
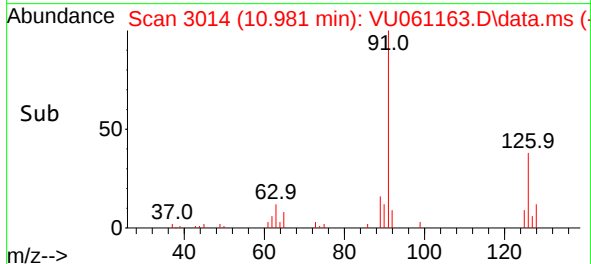
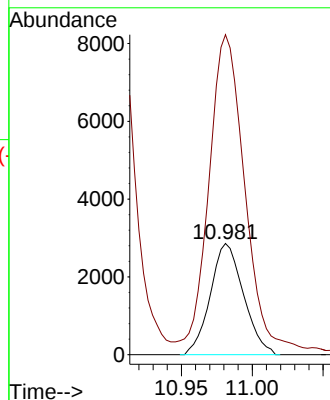
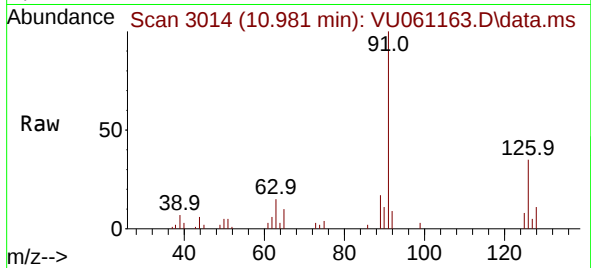
#74
2-Chlorotoluene
Concen: 0.324 ug/l
RT: 10.981 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:126 Resp: 465
Ion Ratio Lower Upper
126 100
91 309.4 0.0 595.2

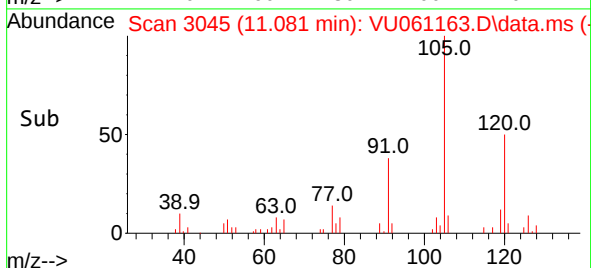
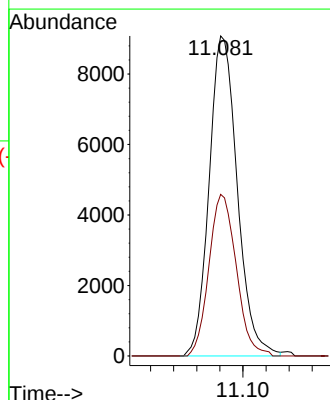
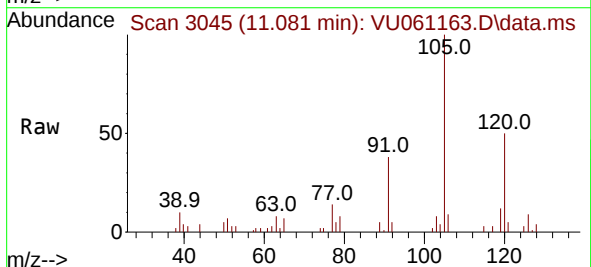
Manual Integrations
APPROVED

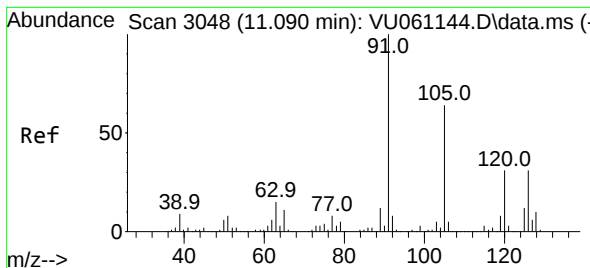
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#75
1,3,5-Trimethylbenzene
Concen: 0.299 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

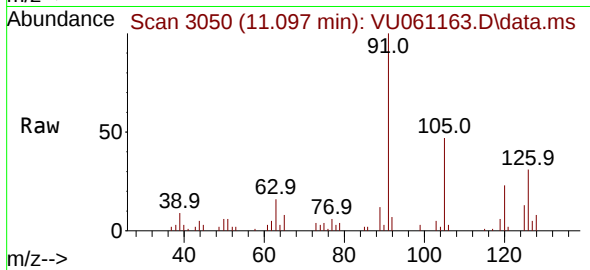
Tgt Ion:105 Resp: 15371
Ion Ratio Lower Upper
105 100
120 49.0 38.0 57.0





#76
4-Chlorotoluene
Concen: 0.317 ug/l
RT: 11.097 min Scan# 3048
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

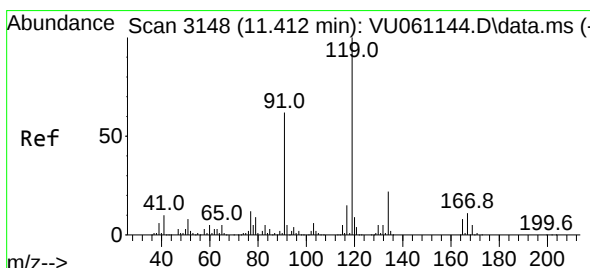
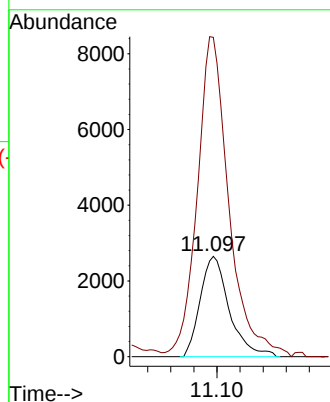
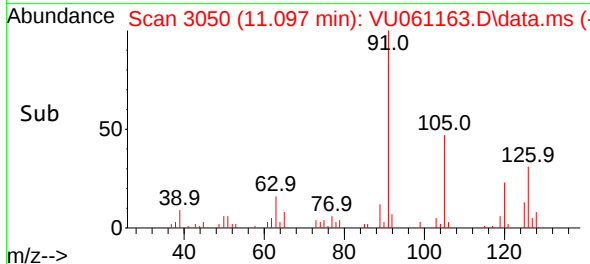
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



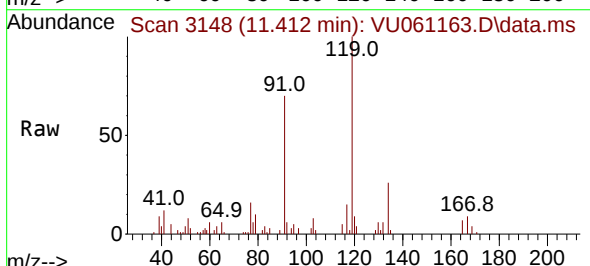
Tgt Ion:126 Resp: 463
Ion Ratio Lower Upper
126 100
91 346.9 0.0 678.2

Manual Integrations
APPROVED

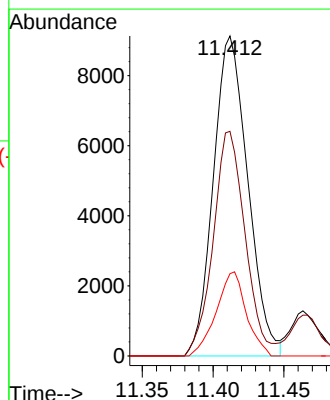
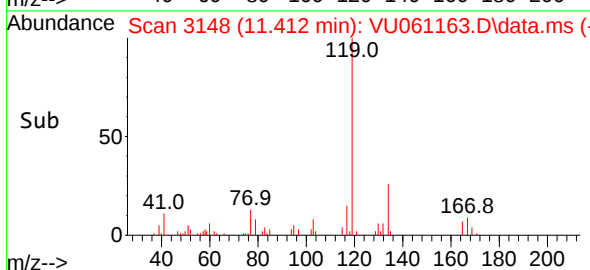
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

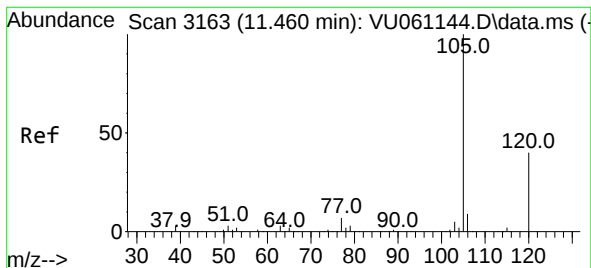


#77
tert-Butylbenzene
Concen: 0.304 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13



Tgt Ion:119 Resp: 15474
Ion Ratio Lower Upper
119 100
91 65.0 30.1 90.5
134 23.0 17.5 26.3





#78

1,2,4-Trimethylbenzene

Concen: 0.305 ug/l

RT: 11.463 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:105 Resp: 15829

Ion Ratio Lower Upper

105 100

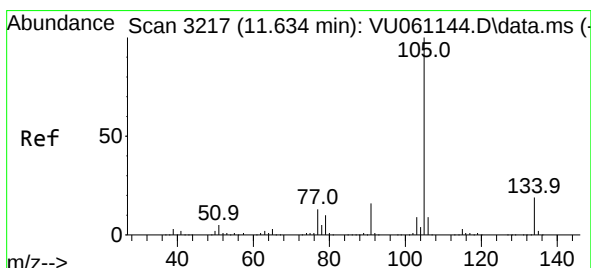
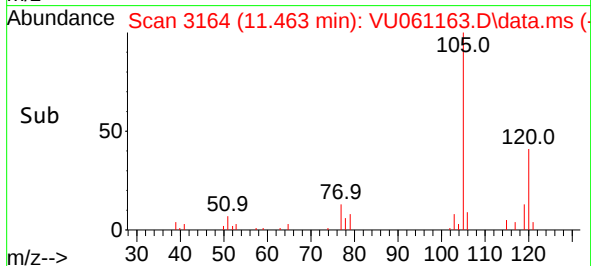
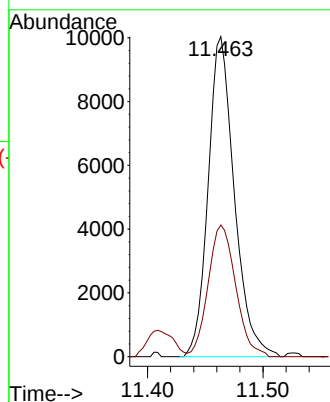
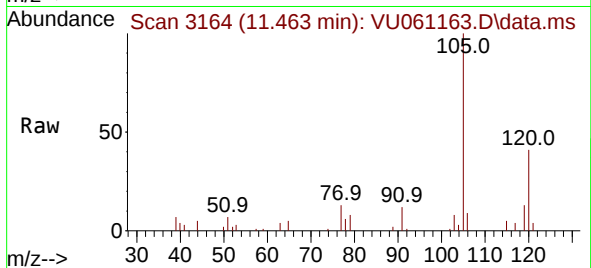
120 43.2 22.3 66.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#79

sec-Butylbenzene

Concen: 0.317 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU061163.D

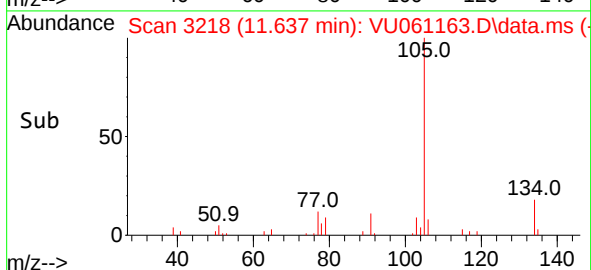
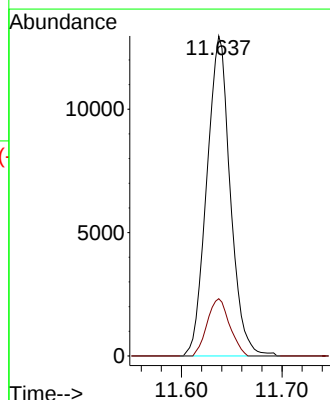
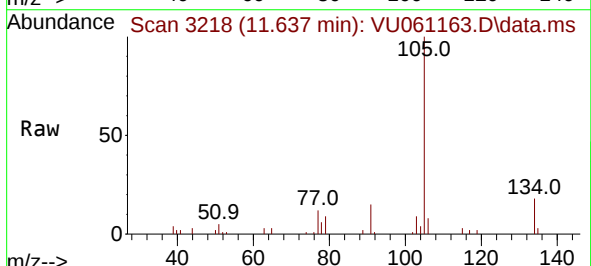
Acq: 18 Oct 2024 14:13

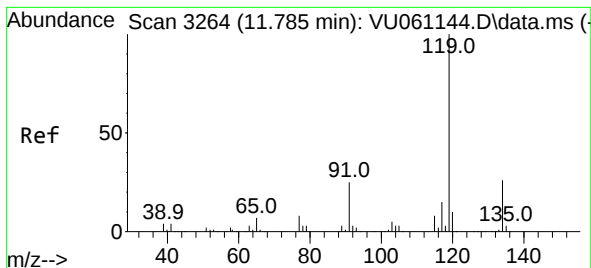
Tgt Ion:105 Resp: 20992

Ion Ratio Lower Upper

105 100

134 17.1 15.5 23.3





#81

p-Isopropyltoluene

Concen: 0.301 ug/l

RT: 11.788 min Scan# 3264

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

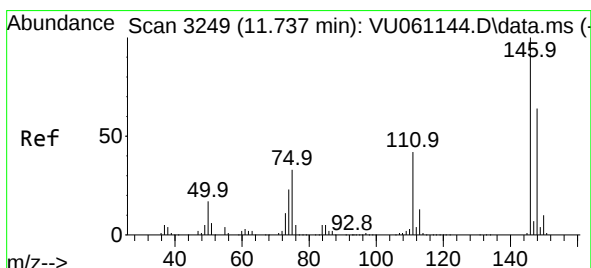
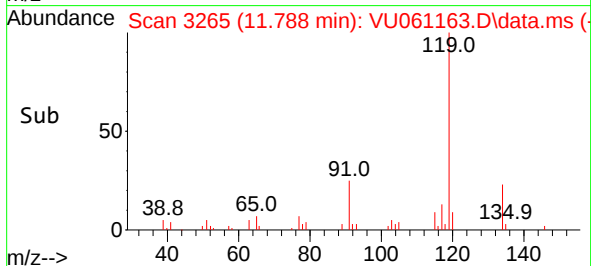
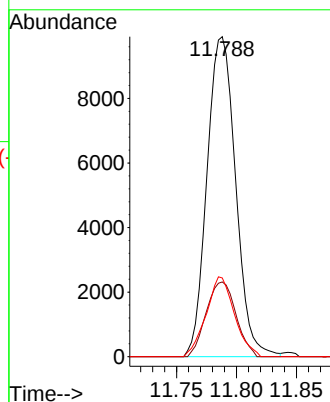
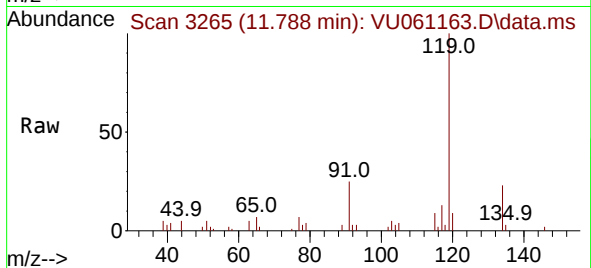
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	119	Resp:	16474
Ion Ratio	Lower	Upper	
119	100		
134	24.3	21.0	31.6
91	24.6	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#82

1,3-Dichlorobenzene

Concen: 0.304 ug/l

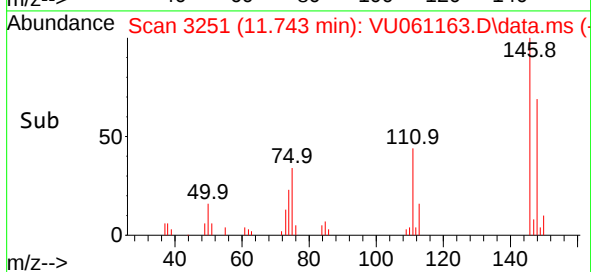
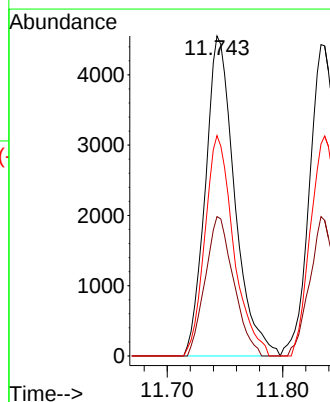
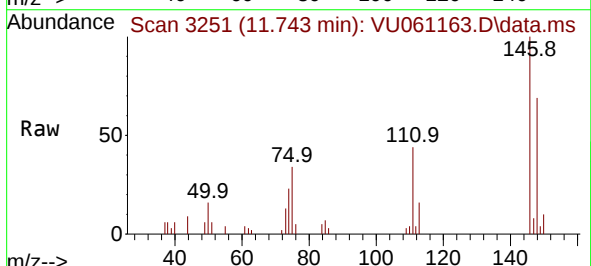
RT: 11.743 min Scan# 3251

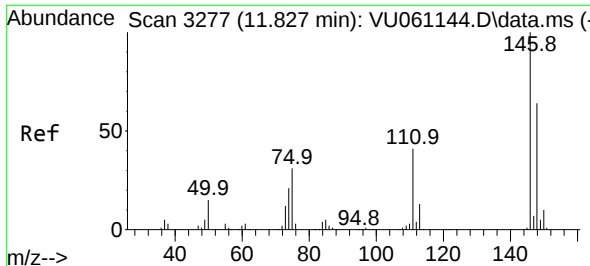
Delta R.T. 0.006 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

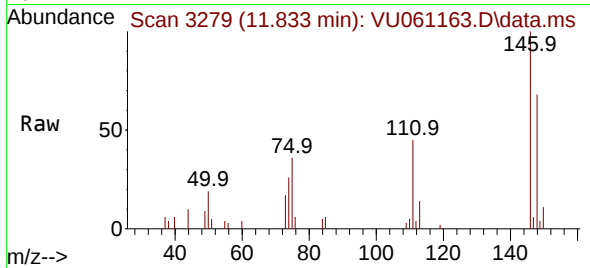
Tgt Ion:	146	Resp:	8007
Ion Ratio	Lower	Upper	
146	100		
111	42.3	34.1	51.1
148	67.6	51.2	76.8





#83
1,4-Dichlorobenzene
Concen: 0.317 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

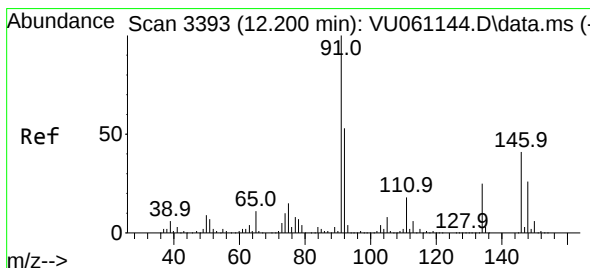
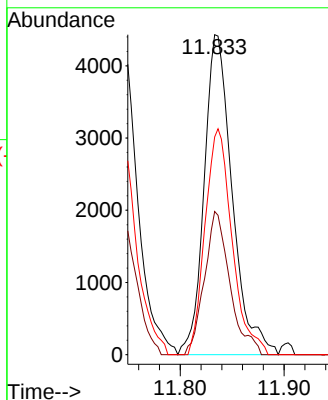
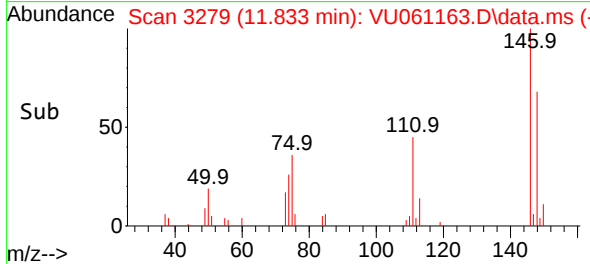
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



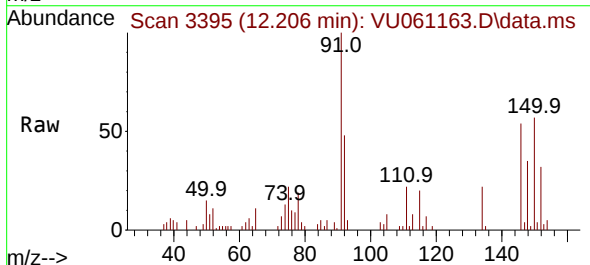
Tgt Ion:146 Resp: 830
Ion Ratio Lower Upper
146 100
111 40.8 32.1 48.1
148 68.0 50.3 75.5

Manual Integrations
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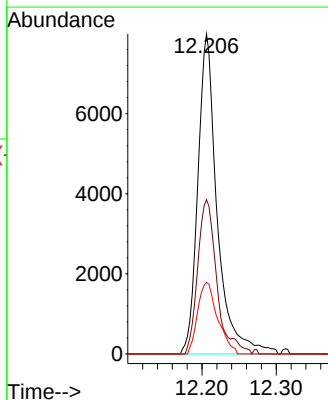
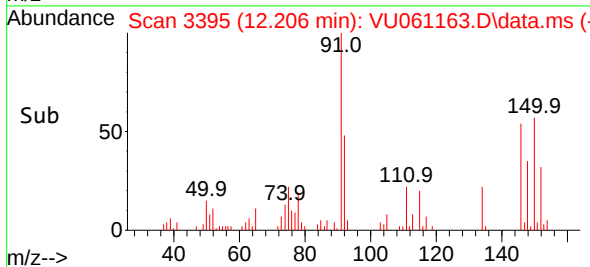
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

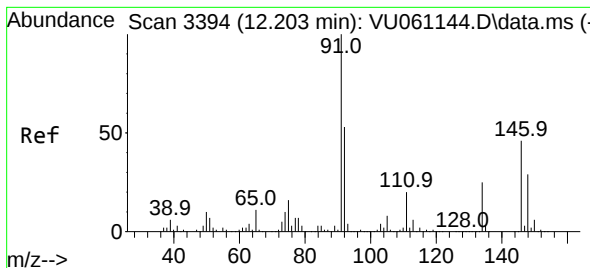


#84
n-Butylbenzene
Concen: 0.285 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13



Tgt Ion: 91 Resp: 14472
Ion Ratio Lower Upper
91 100
92 47.6 41.8 62.8
134 23.0 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.319 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

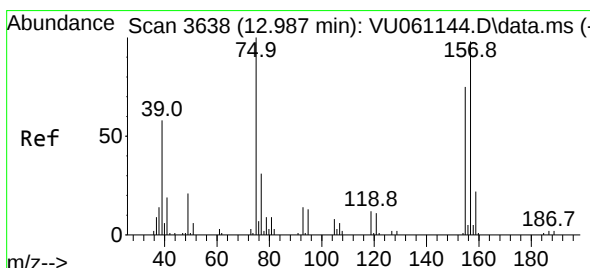
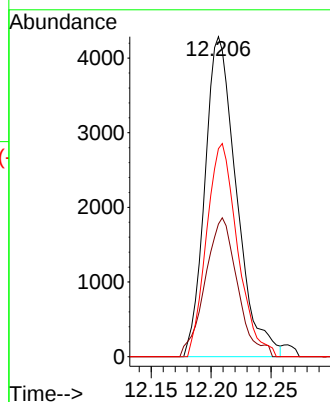
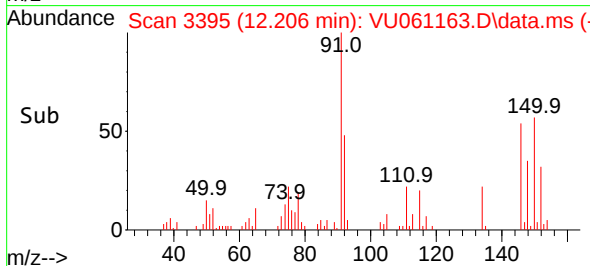
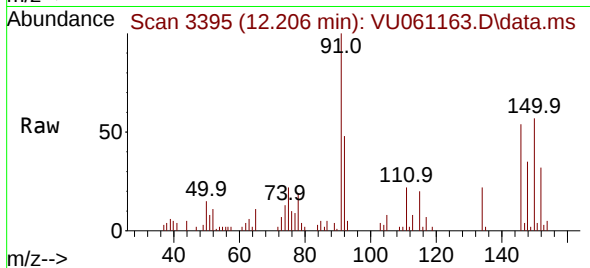
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	146	Resp:	784
Ion Ratio	Lower	Upper	
146	100		
111	44.3	21.9	65.7
148	65.5	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.293 ug/l

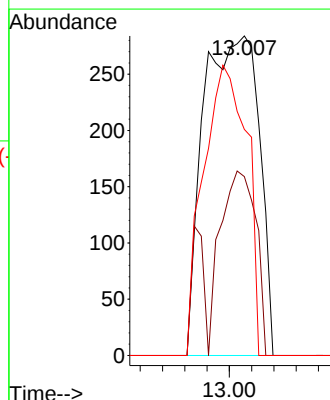
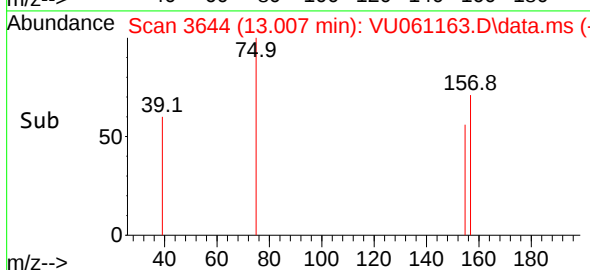
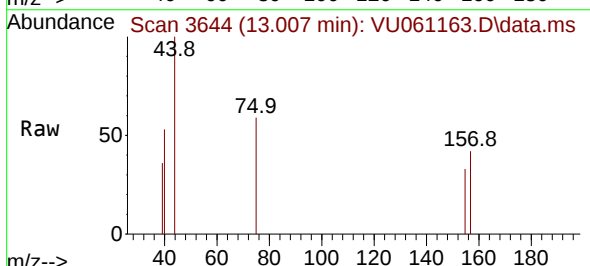
RT: 13.007 min Scan# 3644

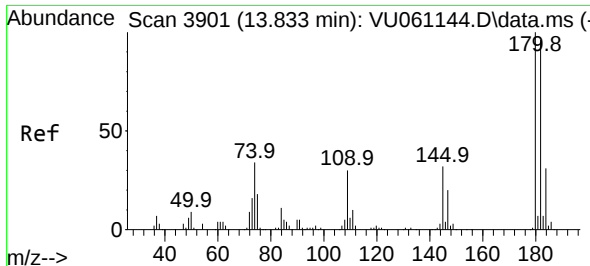
Delta R.T. 0.019 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

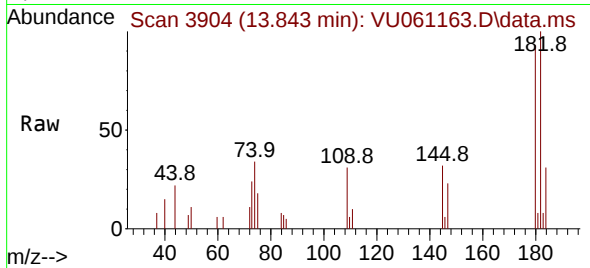
Tgt Ion:	75	Resp:	491
Ion Ratio	Lower	Upper	
75	100		
155	37.1	61.4	92.0#
157	71.1	78.5	117.7#





#87
1,2,4-Trichlorobenzene
Concen: 0.297 ug/l
RT: 13.843 min Scan# 3901
Delta R.T. 0.010 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

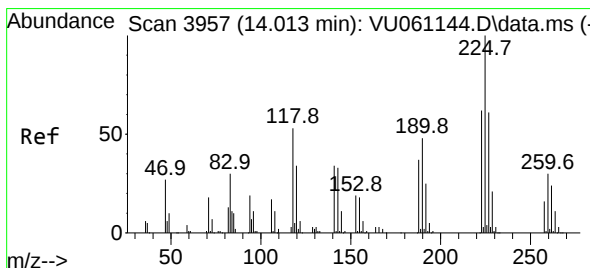
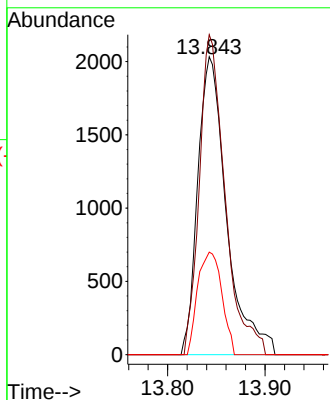
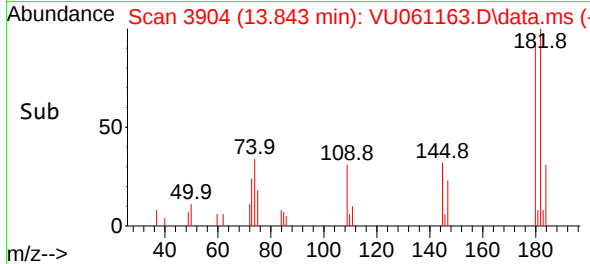
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:180 Resp: 4180
Ion Ratio Lower Upper
180 100
182 95.8 77.0 115.6
145 28.8 25.7 38.5

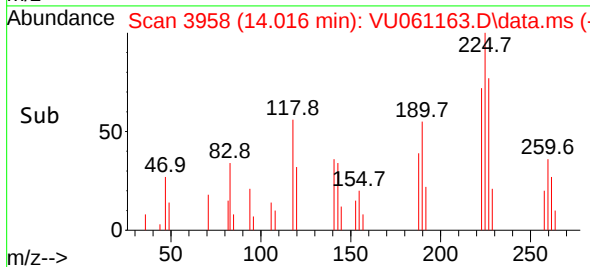
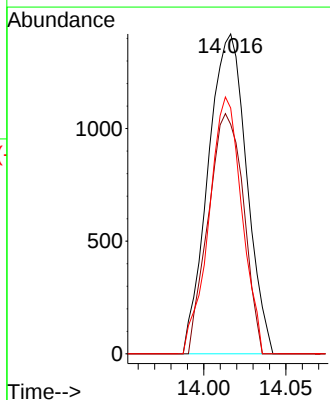
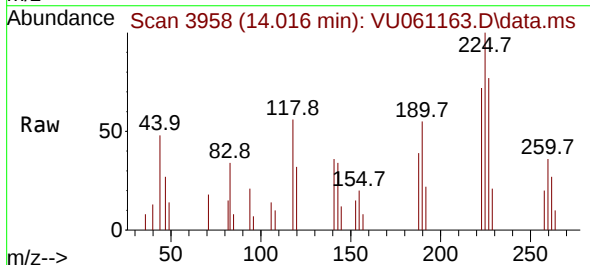
Manual Integrations
APPROVED

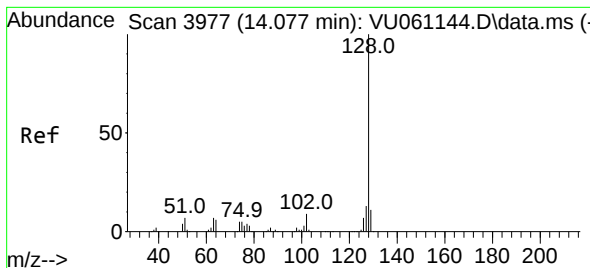
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#88
Hexachlorobutadiene
Concen: 0.291 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.003 min
Lab File: VU061163.D
Acq: 18 Oct 2024 14:13

Tgt Ion:225 Resp: 2315
Ion Ratio Lower Upper
225 100
223 68.8 51.4 77.2
227 68.7 50.3 75.5





#89

Naphthalene

Concen: 0.277 ug/l

RT: 14.100 min Scan# 3977

Delta R.T. 0.022 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

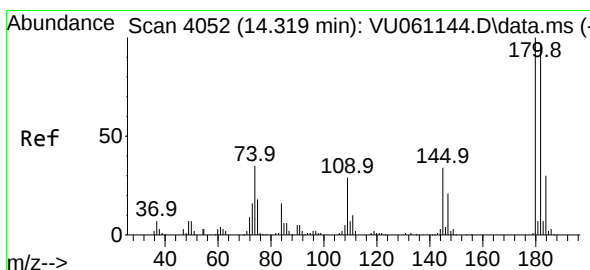
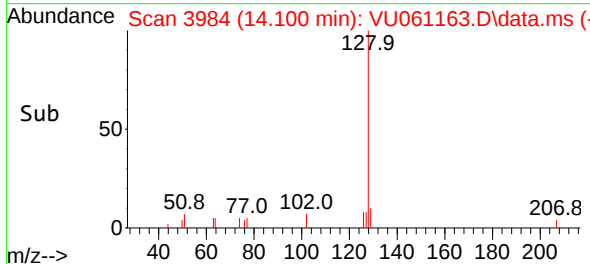
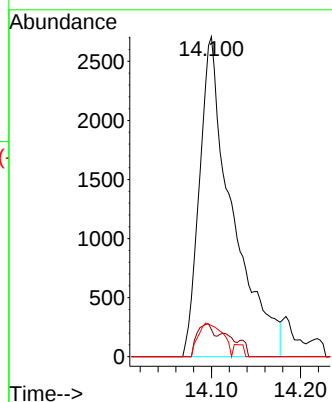
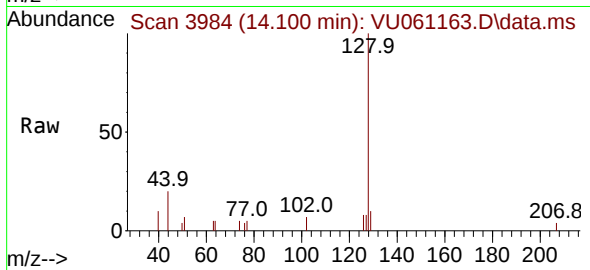
Tgt Ion:128 Resp: 6874

Ion	Ratio	Lower	Upper
128	100		
127	5.6	10.6	16.0
129	7.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#90

1,2,3-Trichlorobenzene

Concen: 0.298 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.010 min

Lab File: VU061163.D

Acq: 18 Oct 2024 14:13

Tgt Ion:180 Resp: 3767

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.4
145	29.3	26.8	40.2

