

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101824\
 Data File : VU061161.D
 Acq On : 18 Oct 2024 13:26
 Operator : MD/SY
 Sample : P4368-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 19 00:12:39 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.110	96	27455	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14365	0.985	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13108	0.912	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	5446	0.360	ug/l	94
3) Chloromethane	1.515	50	5590	0.389	ug/l	96
4) Vinyl Chloride	1.599	62	5679	0.384	ug/l	99
5) Bromomethane	1.856	94	3992	0.430	ug/l	# 80
6) Chloroethane	1.930	64	3719	0.376	ug/l	90
7) Trichlorofluoromethane	2.133	101	7504	0.357	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	4192	0.401	ug/l	98
9) 1,1-Dichloroethene	2.576	96	4004	0.368	ug/l	95
10) Iodomethane	2.715	142	4130	0.319	ug/l	97
11) Allyl Chloride	2.917	41	5533	0.394	ug/l	98
12) Acrylonitrile	3.351	53	1476	0.674	ug/l	# 79
13) Acetone	2.653	43	6516	2.280	ug/l	97
14) Carbon Disulfide	2.789	76	14224	0.379	ug/l	100
15) Methylene Chloride	3.039	84	6018	0.427	ug/l	97
16) trans-1,2-Dichloroethene	3.348	96	4615	0.361	ug/l	83
17) 1,1-Dichloroethane	3.866	63	8811	0.389	ug/l	99
18) 2-Butanone	4.756	43	5661	1.618	ug/l	94
19) Cyclohexane	5.380	56	7729m	0.381	ug/l	
20) Methylcyclohexane	6.753	83	8398	0.371	ug/l	94
21) 2,2-Dichloropropane	4.653	77	7433	0.356	ug/l	94
22) cis-1,2-Dichloroethene	4.663	96	5205	0.374	ug/l	97
23) Diethyl Ether	2.371	59	3270	0.386	ug/l	94
24) tert-Butyl Alcohol	3.255	59	3727m	4.220	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	10420	0.357	ug/l	94
26) Bromochloromethane	4.968	128	2113	0.363	ug/l	90
27) Chloroform	5.081	83	9385	0.395	ug/l	87
28) 1,1,1-Trichloroethane	5.309	97	7207	0.344	ug/l	84
29) 1,1-Dichloropropene	5.522	75	6693	0.362	ug/l	98
30) Carbon Tetrachloride	5.518	117	6582	0.362	ug/l	94
31) Isopropyl Ether	3.985	45	11786	0.365	ug/l	93
32) Ethyl-t-butyl ether	4.496	59	12286	0.370	ug/l	100
33) Tert-Amyl methyl ether	5.930	73	11018m	0.368	ug/l	
34) Propionitrile	4.840	54	1311m	1.571	ug/l	
35) Benzene	5.769	78	20257	0.389	ug/l	96
36) 1,2-Dichloroethane	5.792	62	5460	0.371	ug/l	98
37) Trichloroethene	6.541	130	5258	0.378	ug/l	95
38) 1,2-Dichloropropane	6.785	63	5089	0.386	ug/l	95
39) Methacrylonitrile	5.007	41	1127m	0.375	ug/l	
40) Methyl acrylate	4.907	55	2198m	0.361	ug/l	
41) Tetrahydrofuran	5.075	42	1290m	0.715	ug/l	
42) 1-Chlorobutane	5.451	56	9089m	0.383	ug/l	
43) Dibromomethane	6.914	93	2543	0.372	ug/l	99
44) Bromodichloromethane	7.100	83	6133	0.368	ug/l	93

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Instrument :
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 LOQ-WATER-02-QT4-2024

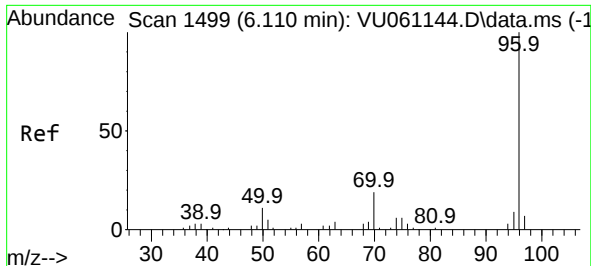
Quant Time: Oct 19 00:12:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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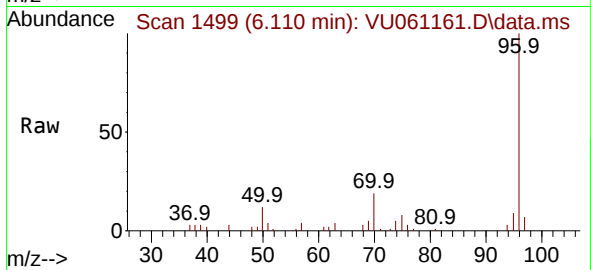
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	12082	1.759	ug/l	97
46) t-1,4-Dichloro-2-butene	10.846	75	1581m	0.577	ug/l	
47) Methyl methacrylate	6.968	69	3910	0.657	ug/l	97
48) Ethyl methacrylate	8.335	69	4396	0.347	ug/l	100
49) Toluene	7.965	92	11939	0.363	ug/l	92
50) t-1,3-Dichloropropene	8.210	75	5461	0.340	ug/l	95
51) cis-1,3-Dichloropropene	7.608	75	7380	0.375	ug/l	96
52) 1,1,2-Trichloroethane	8.393	97	3361	0.364	ug/l	95
53) 1,3-Dichloropropane	8.570	76	5786	0.357	ug/l	99
54) 2-Hexanone	8.692	43	9943	1.762	ug/l	99
55) Dibromochloromethane	8.801	129	3907	0.359	ug/l	94
56) 1,2-Dibromoethane	8.920	107	3031	0.342	ug/l	92
58) Tetrachloroethene	8.547	164	4698	0.398	ug/l	94
59) Chlorobenzene	9.444	112	13128	0.370	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.525	131	4318	0.361	ug/l	96
61) Pentachloroethane	11.422	117	3197	0.349	ug/l	99
62) Hexachloroethane	12.467	117	3045	0.323	ug/l	97
63) Ethyl Benzene	9.566	91	23720	0.373	ug/l	96
64) m/p-Xylenes	9.689	106	17499	0.724	ug/l	99
65) o-Xylene	10.097	106	8621	0.362	ug/l	94
66) Styrene	10.113	104	12539	0.339	ug/l	97
67) Bromoform	10.287	173	1968	0.345	ug/l #	92
69) Isopropylbenzene	10.480	105	20450	0.361	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	4109	0.366	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	3517m	0.385	ug/l	
72) Bromobenzene	10.779	156	5008	0.368	ug/l	85
73) n-propylbenzene	10.901	120	5912	0.358	ug/l	99
74) 2-Chlorotoluene	10.981	126	5202	0.364	ug/l	91
75) 1,3,5-Trimethylbenzene	11.081	105	17634	0.345	ug/l	98
76) 4-Chlorotoluene	11.097	126	5453	0.375	ug/l	97
77) tert-Butylbenzene	11.412	119	18164	0.360	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	18769	0.364	ug/l	99
79) sec-Butylbenzene	11.637	105	24827	0.378	ug/l	98
81) p-Isopropyltoluene	11.788	119	18357	0.337	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	9350	0.358	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	9706	0.372	ug/l	97
84) n-Butylbenzene	12.203	91	18144	0.359	ug/l	95
85) 1,2-Dichlorobenzene	12.209	146	9168	0.375	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	576	0.346	ug/l #	83
87) 1,2,4-Trichlorobenzene	13.843	180	5201	0.372	ug/l	96
88) Hexachlorobutadiene	14.013	225	3081	0.390	ug/l	95
89) Naphthalene	14.094	128	10490	0.425	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.325	180	5370	0.428	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

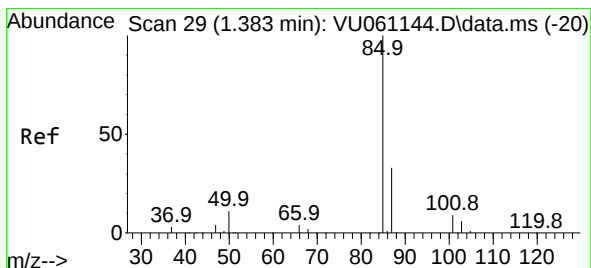
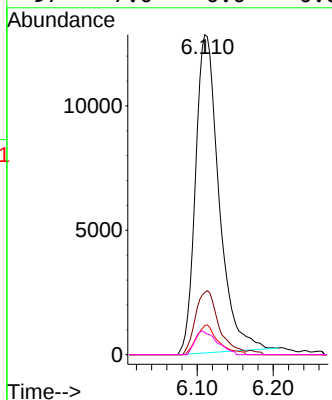
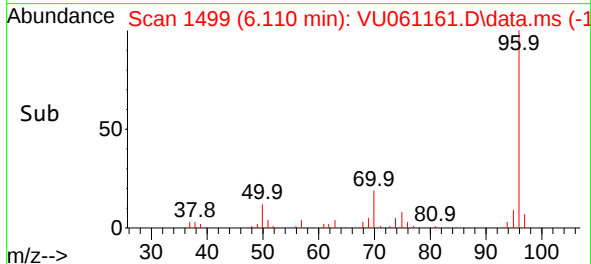
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:	96	Resp:	2745
Ion	Ratio	Lower	Upper
96	100		
70	18.7	16.1	24.1
95	8.7	0.0	0.0
97	7.0	0.0	0.0

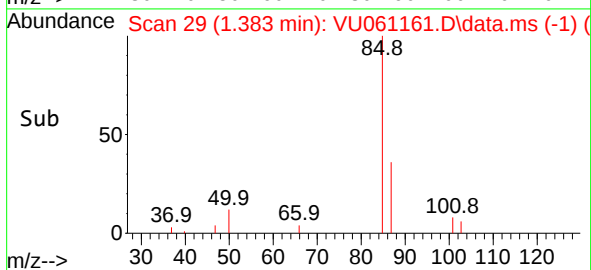
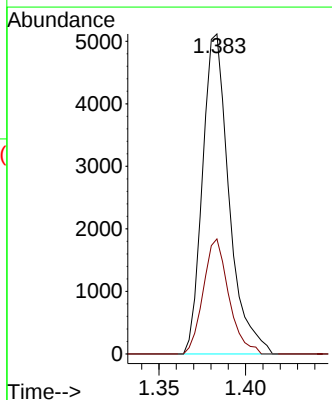
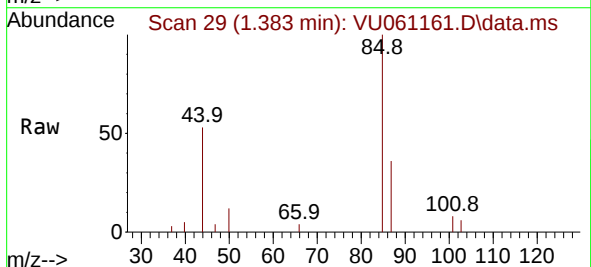
Manual Integrations
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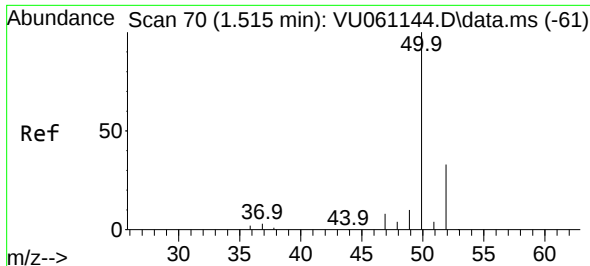
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#2
Dichlorodifluoromethane
Concen: 0.360 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

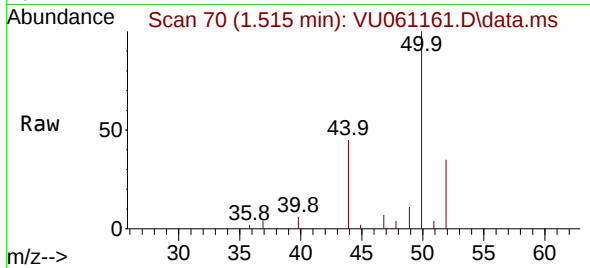
Tgt Ion:	85	Resp:	5446
Ion	Ratio	Lower	Upper
85	100		
87	36.0	16.3	48.9





#3
Chloromethane
Concen: 0.389 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

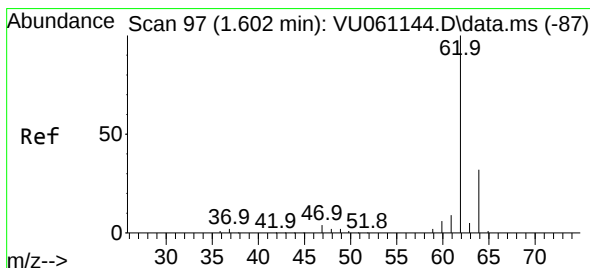
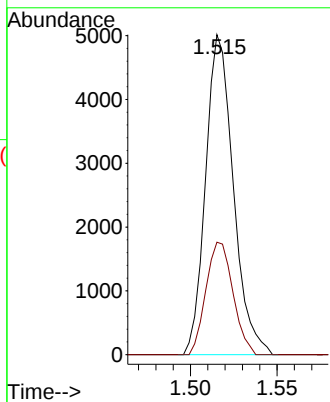
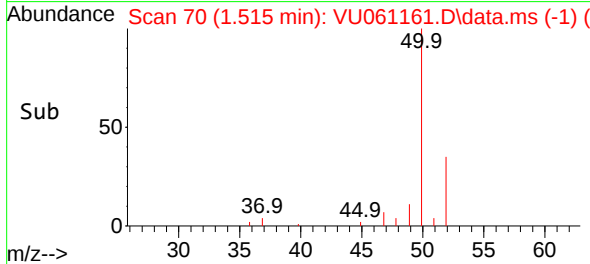
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 50 Resp: 5590
Ion Ratio Lower Upper
50 100
52 35.2 26.2 39.2

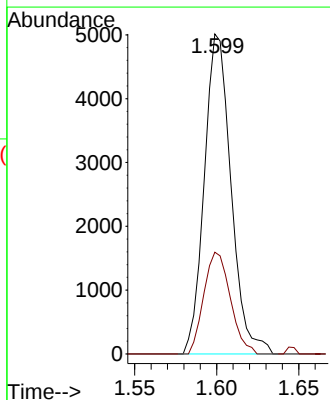
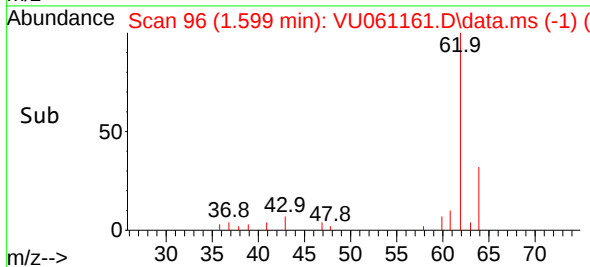
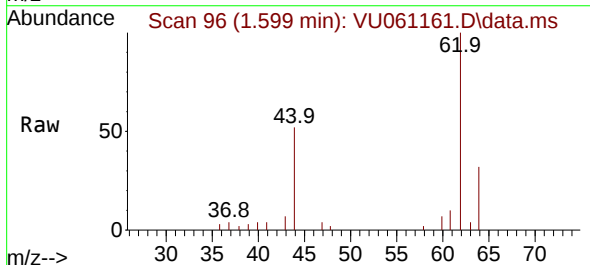
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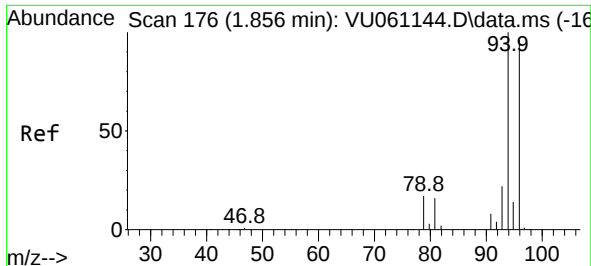
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#4
Vinyl Chloride
Concen: 0.384 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

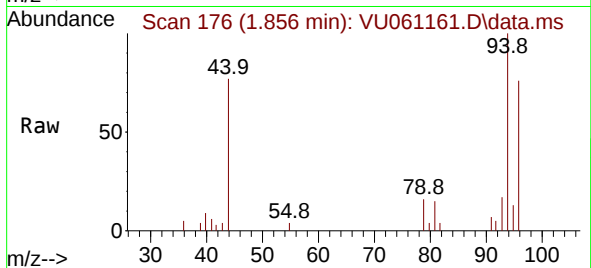
Tgt Ion: 62 Resp: 5679
Ion Ratio Lower Upper
62 100
64 31.8 25.9 38.9





#5
Bromomethane
Concen: 0.430 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

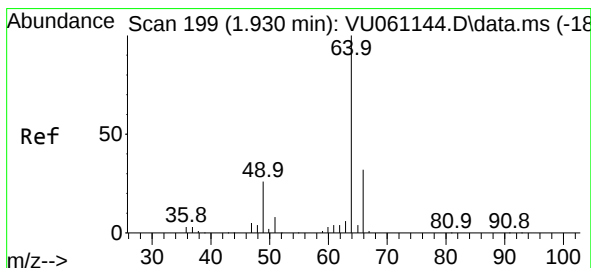
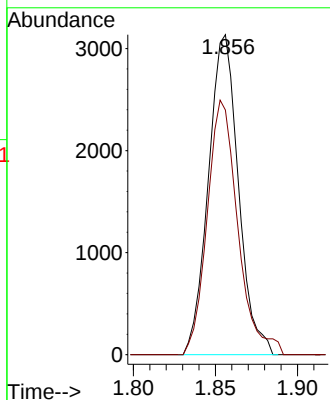
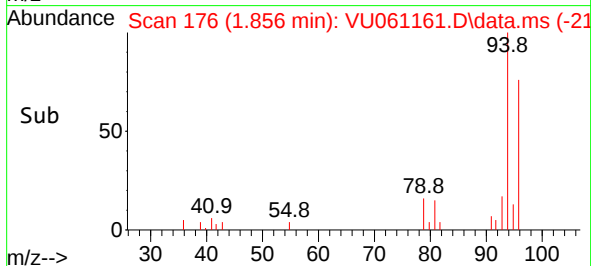
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 94 Resp: 3992
Ion Ratio Lower Upper
94 100
96 76.4 76.5 114.7

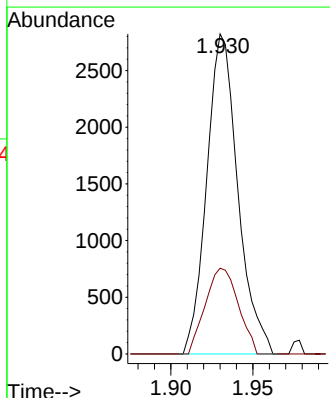
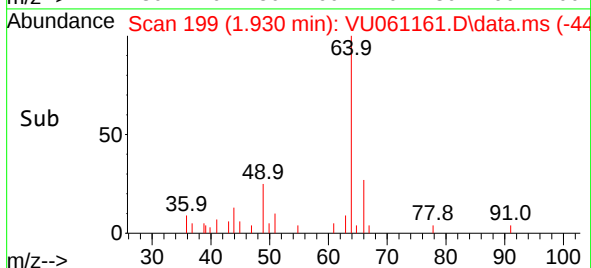
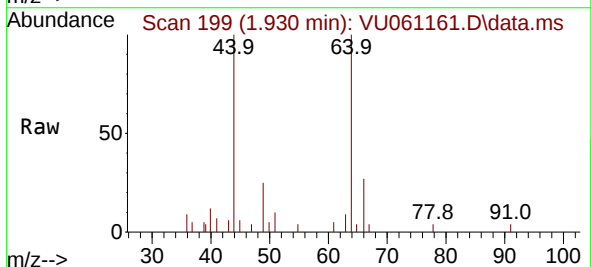
Manual Integrations
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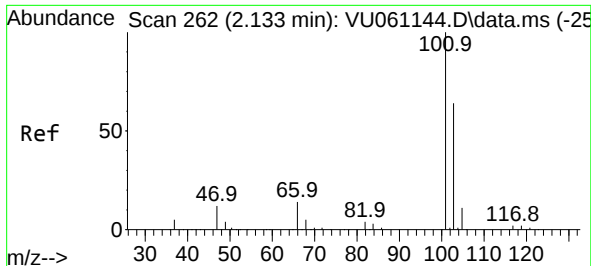
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#6
Chloroethane
Concen: 0.376 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

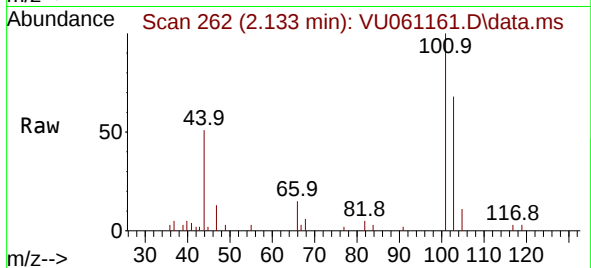
Tgt Ion: 64 Resp: 3719
Ion Ratio Lower Upper
64 100
66 26.8 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.357 ug/l
RT: 2.133 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

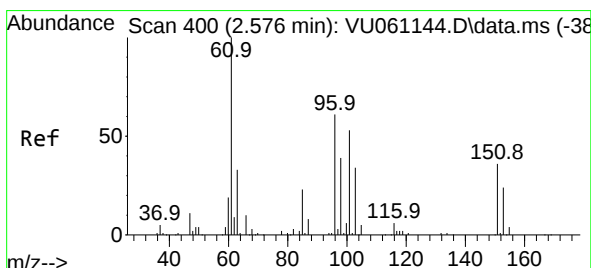
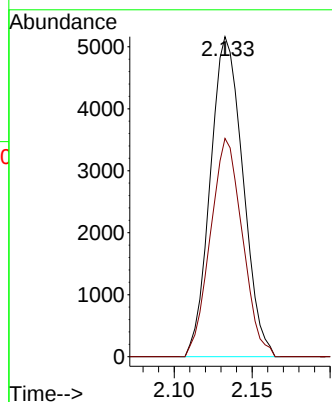
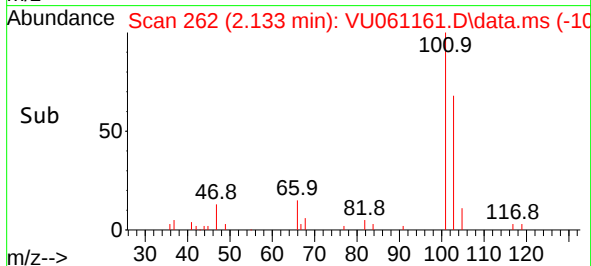
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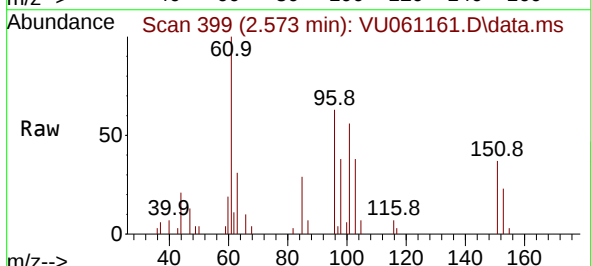
Tgt Ion:101 Resp: 7504
Ion Ratio Lower Upper
101 100
103 68.2 51.5 77.3

Manual Integrations
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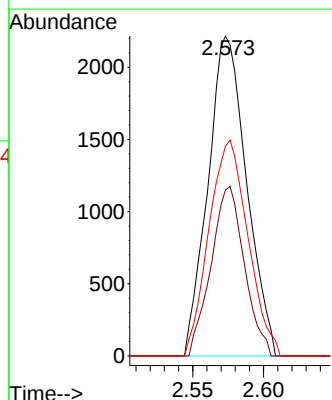
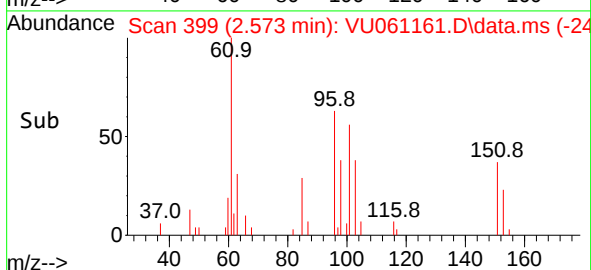
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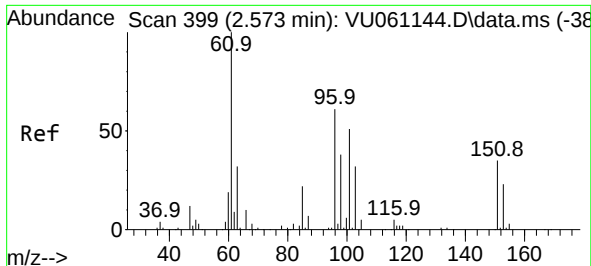


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.401 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26



Tgt Ion:101 Resp: 4192
Ion Ratio Lower Upper
101 100
85 45.9 35.8 53.8
151 68.4 56.2 84.4





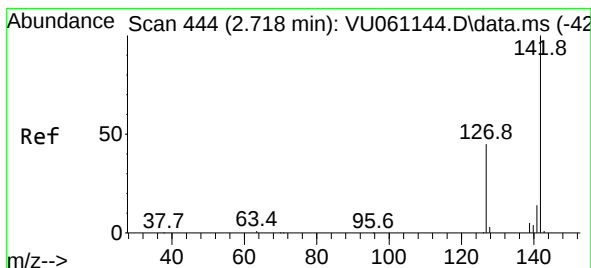
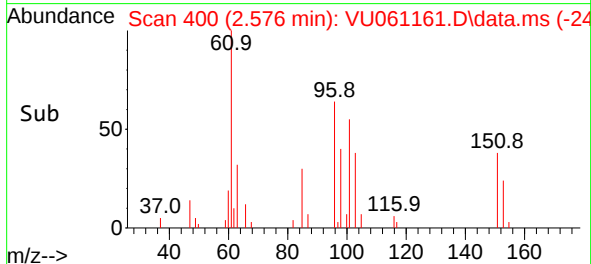
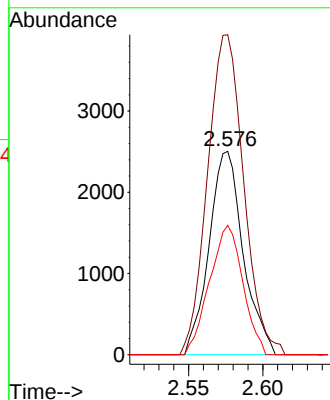
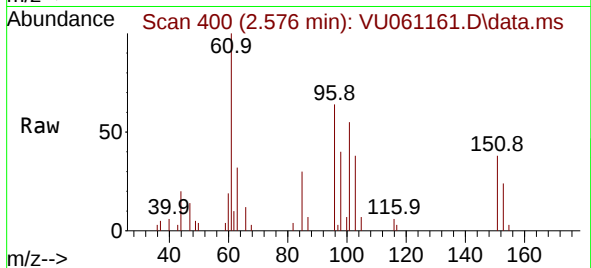
#9
1,1-Dichloroethene
Concen: 0.368 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 96 Resp: 4004
Ion Ratio Lower Upper
96 100
61 157.3 0.0 494.4
98 63.5 0.0 124.4

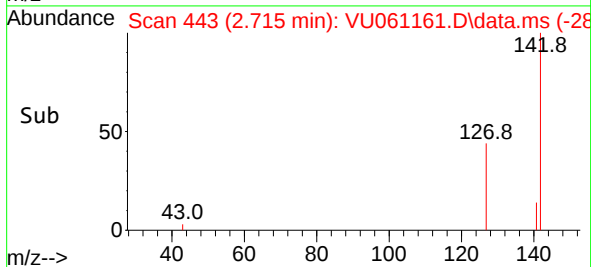
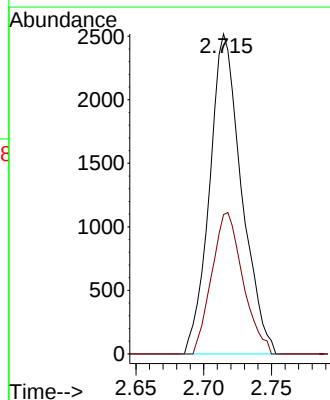
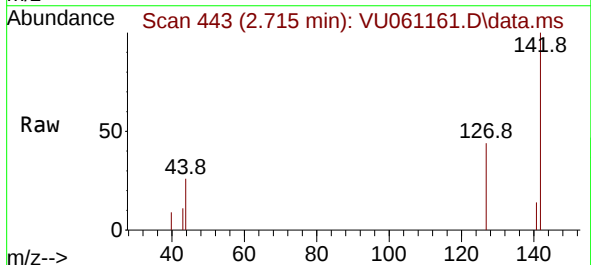
Manual Integrations
APPROVED

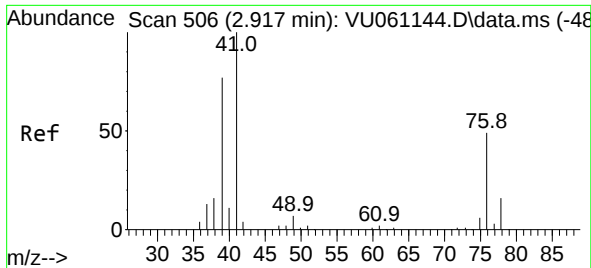
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#10
Iodomethane
Concen: 0.319 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

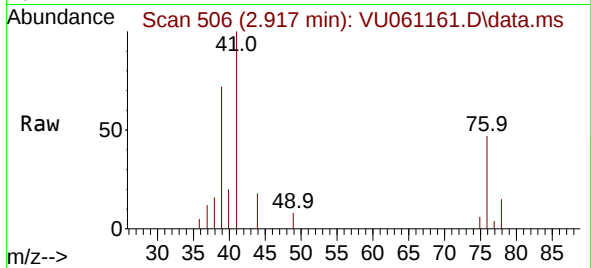
Tgt Ion:142 Resp: 4130
Ion Ratio Lower Upper
142 100
127 43.1 36.2 54.4





#11
 Allyl Chloride
 Concen: 0.394 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU061161.D
 Acq: 18 Oct 2024 13:26

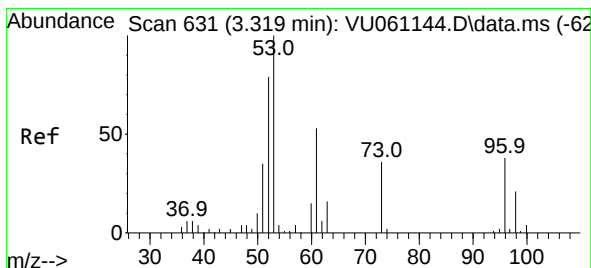
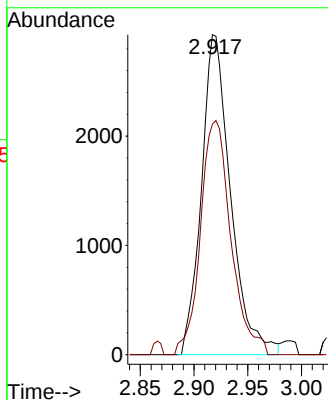
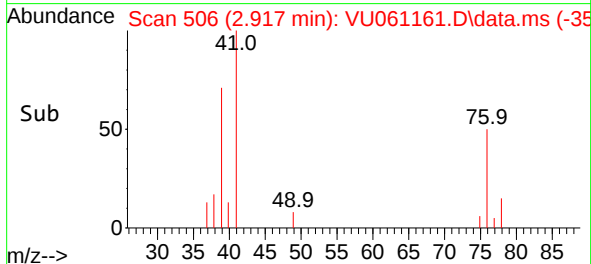
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 41 Resp: 553
 Ion Ratio Lower Upper
 41 100
 39 76.2 62.4 93.6

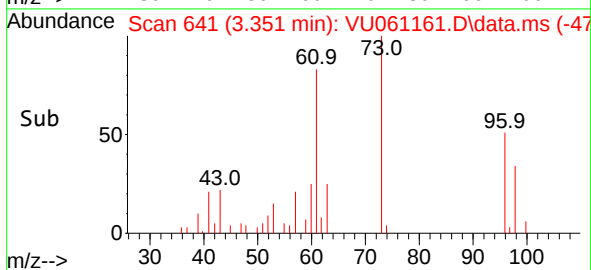
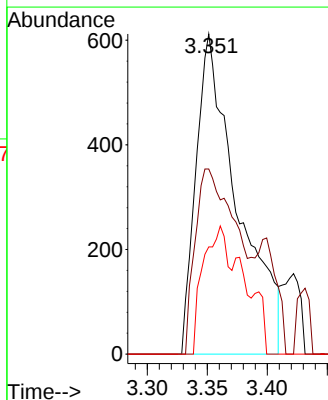
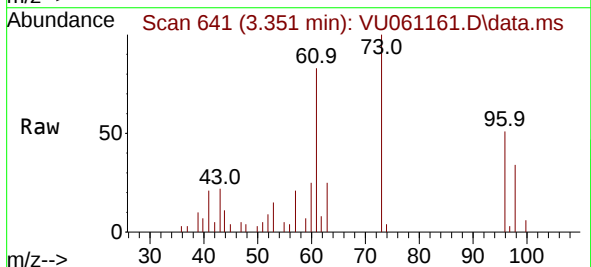
Manual Integrations
 APPROVED

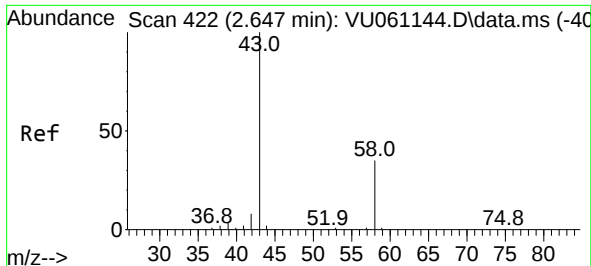
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#12
 Acrylonitrile
 Concen: 0.674 ug/l
 RT: 3.351 min Scan# 641
 Delta R.T. 0.032 min
 Lab File: VU061161.D
 Acq: 18 Oct 2024 13:26

Tgt Ion: 53 Resp: 1476
 Ion Ratio Lower Upper
 53 100
 52 60.6 62.6 94.0#
 51 24.9 30.7 46.1#





#13

Acetone

Concen: 2.280 ug/l

RT: 2.653 min Scan# 422

Delta R.T. 0.006 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

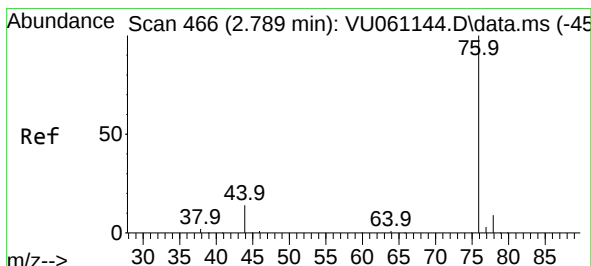
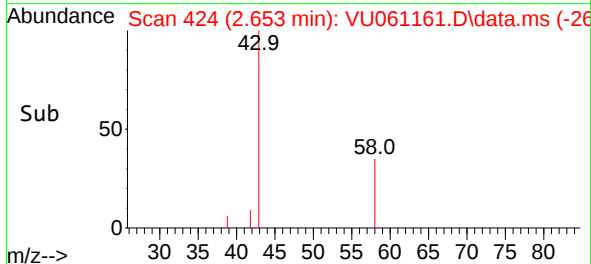
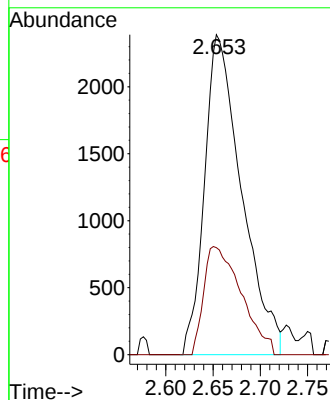
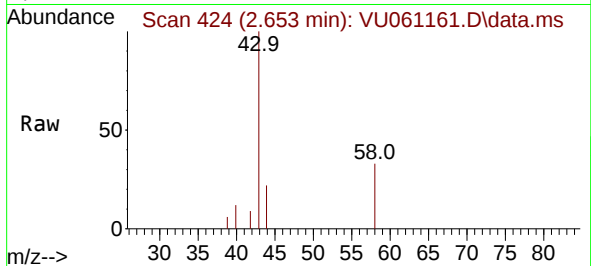
LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 6510
 Ion Ratio Lower Upper
 43 100
 58 33.4 27.9 41.9

Manual Integrations

APPROVED

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



#14

Carbon Disulfide

Concen: 0.379 ug/l

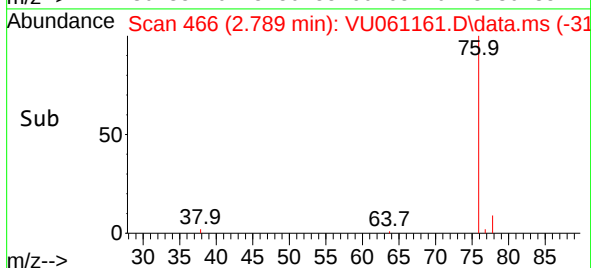
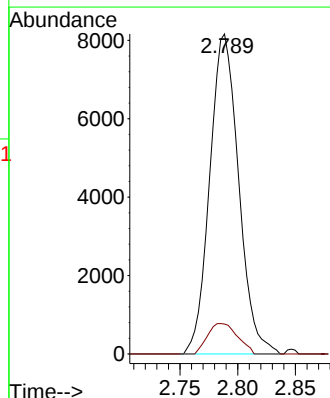
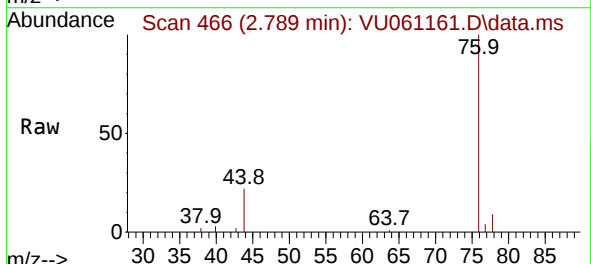
RT: 2.789 min Scan# 466

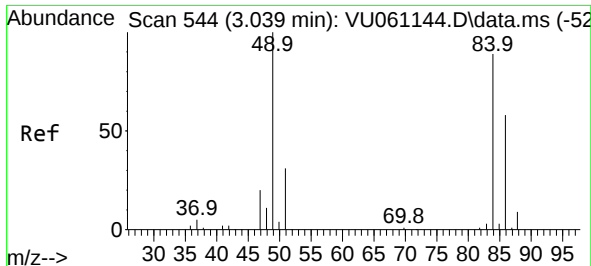
Delta R.T. -0.000 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

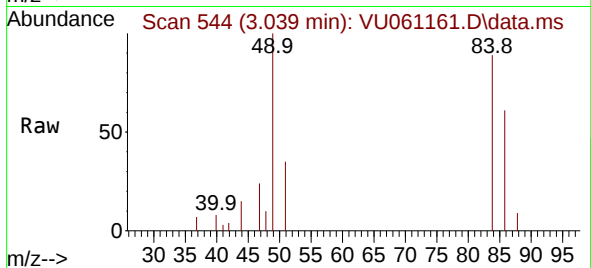
Tgt Ion: 76 Resp: 14224
 Ion Ratio Lower Upper
 76 100
 78 9.3 7.4 11.0





#15
Methylene Chloride
Concen: 0.427 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

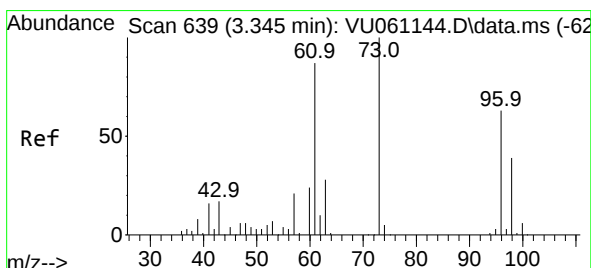
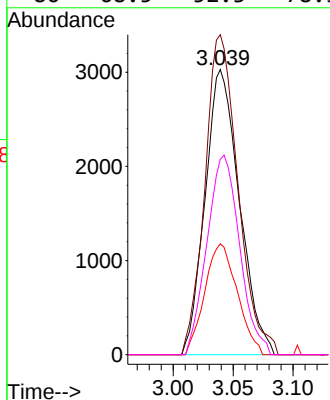
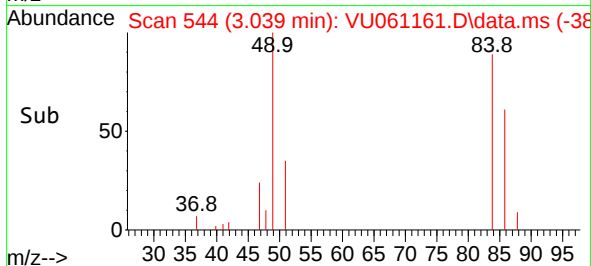
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 84	Resp: 601
Ion Ratio	Lower Upper
84 100	
49 112.2	90.4 135.6
51 38.9	0.0 70.6
86 68.5	52.3 78.5

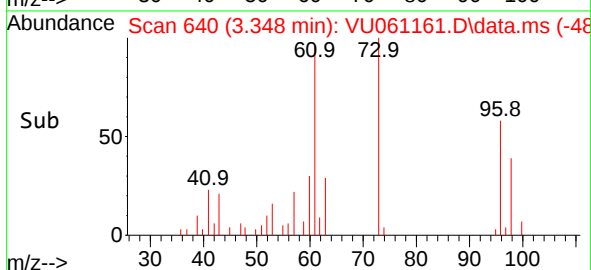
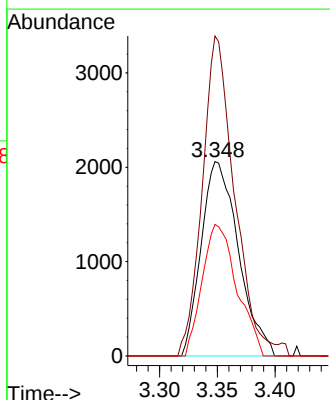
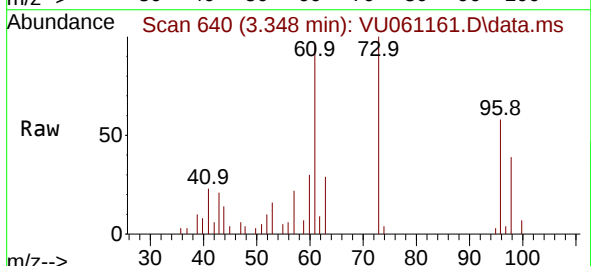
Manual Integrations
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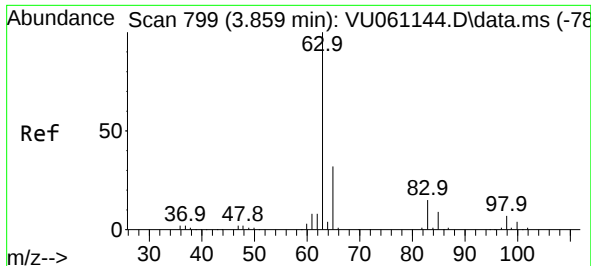
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#16
trans-1,2-Dichloroethene
Concen: 0.361 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion: 96	Resp: 4615		
Ion Ratio	Lower	Upper	
96	100		
61	164.7	110.6	166.0
98	67.7	49.8	74.8





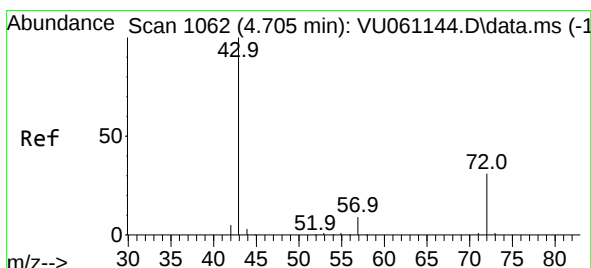
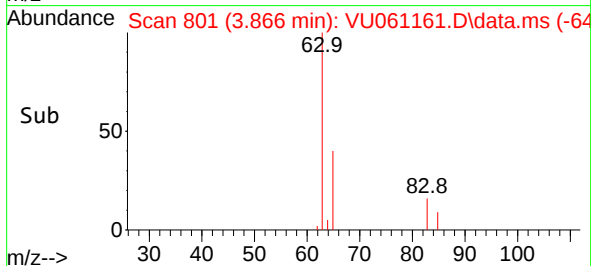
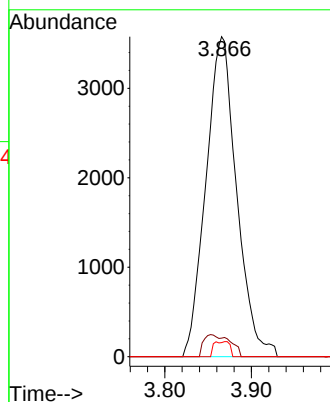
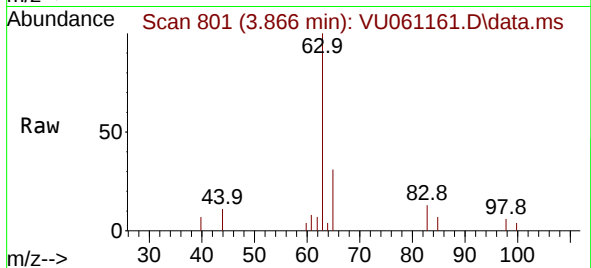
#17
1,1-Dichloroethane
Concen: 0.389 ug/l
RT: 3.866 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 63 Resp: 881
Ion Ratio Lower Upper
63 100
98 5.8 3.3 9.8
100 4.4 2.1 6.5

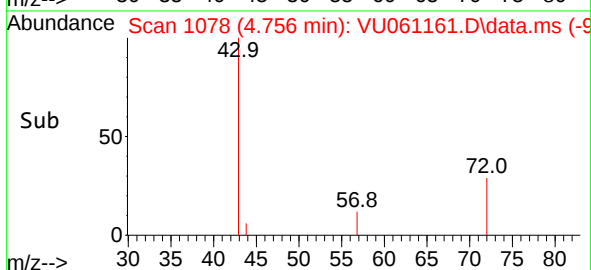
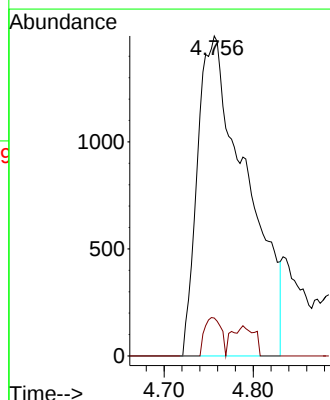
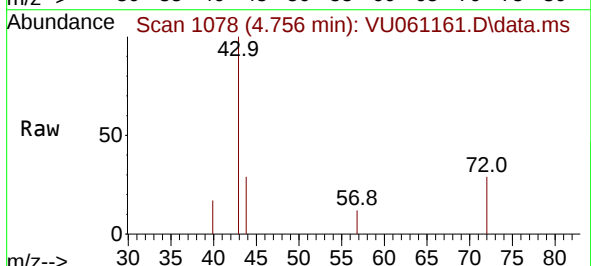
Manual Integrations
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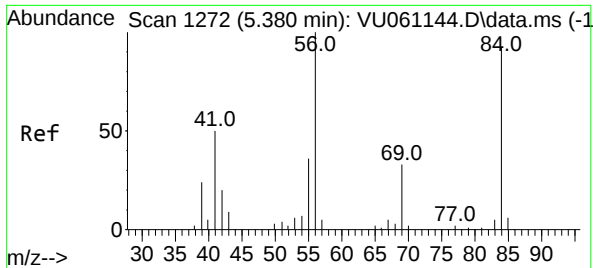
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#18
2-Butanone
Concen: 1.618 ug/l
RT: 4.756 min Scan# 1078
Delta R.T. 0.051 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion: 43 Resp: 5661
Ion Ratio Lower Upper
43 100
57 11.8 0.0 19.0





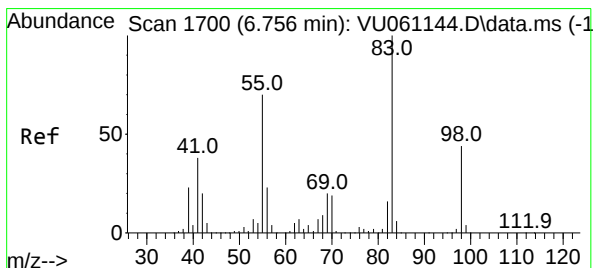
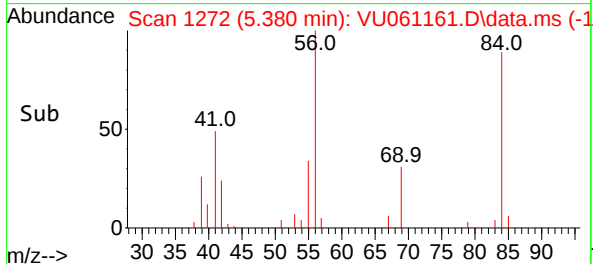
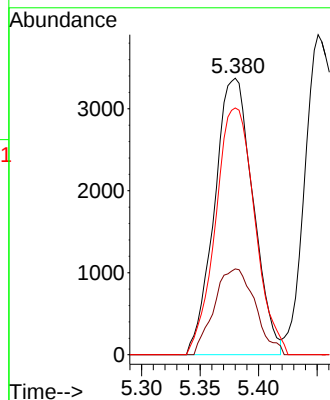
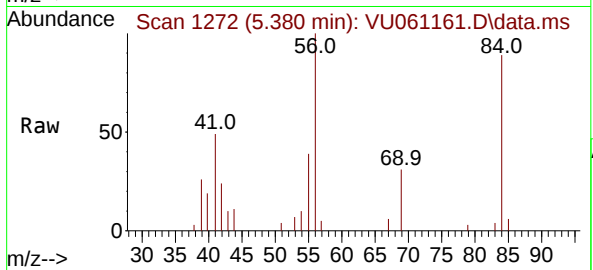
#19
Cyclohexane
Concen: 0.381 ug/l m
RT: 5.380 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 56 Resp: 7729
Ion Ratio Lower Upper
56 100
69 32.8 26.2 39.4
84 90.7 72.7 109.1

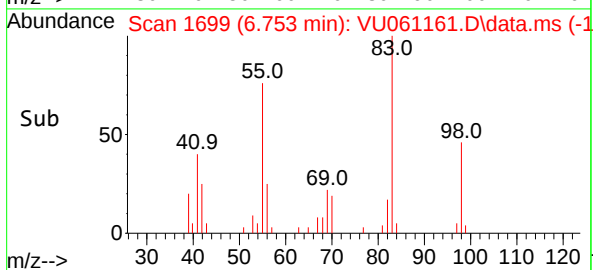
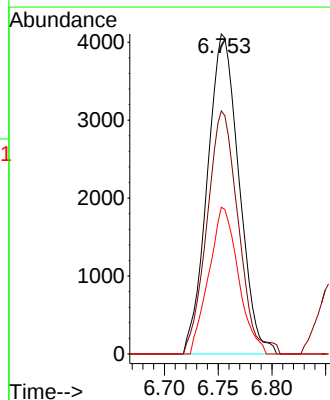
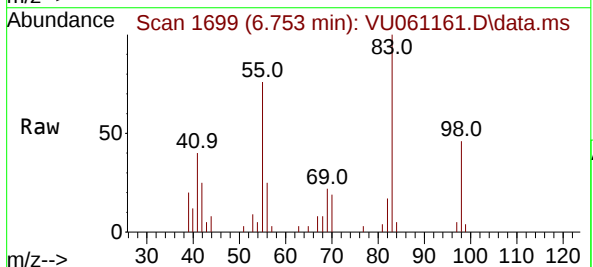
Manual Integrations
APPROVED

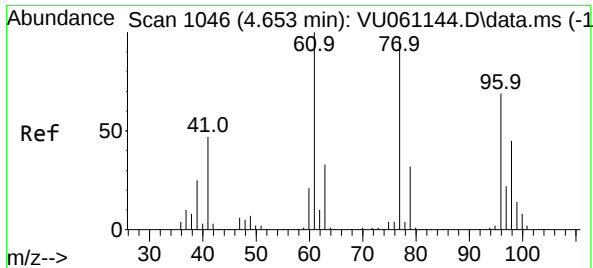
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#20
Methylcyclohexane
Concen: 0.371 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion: 83 Resp: 8398
Ion Ratio Lower Upper
83 100
55 75.2 55.5 83.3
98 42.8 35.8 53.6





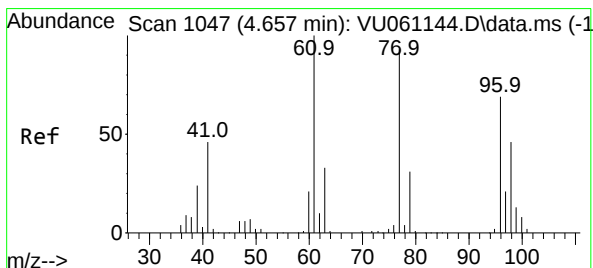
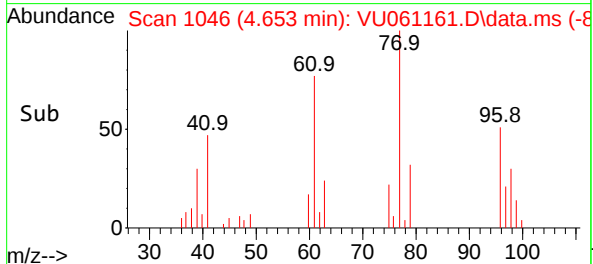
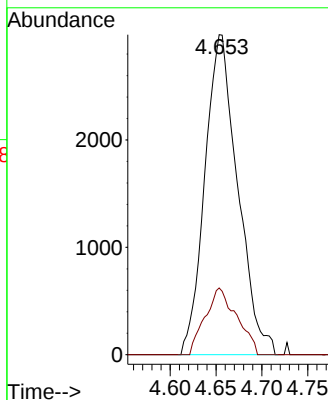
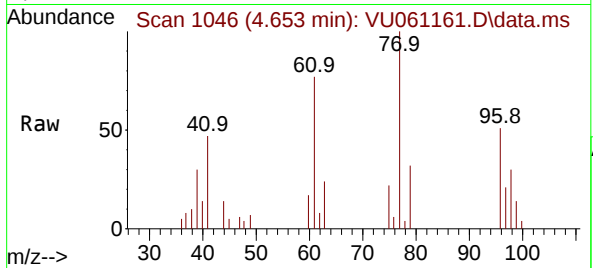
#21
2,2-Dichloropropane
Concen: 0.356 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 77 Resp: 743
Ion Ratio Lower Upper
77 100
97 20.0 18.3 27.5

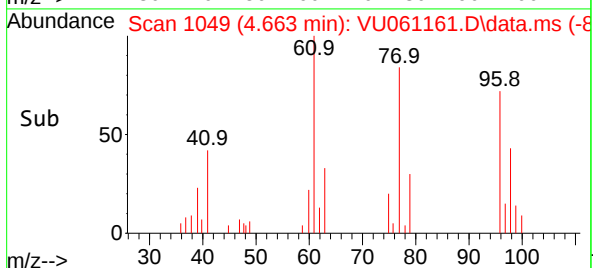
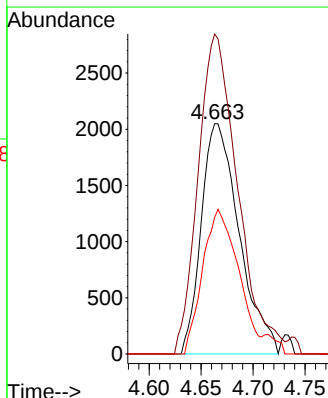
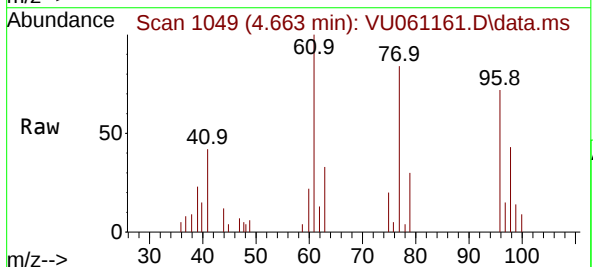
Manual Integrations
APPROVED

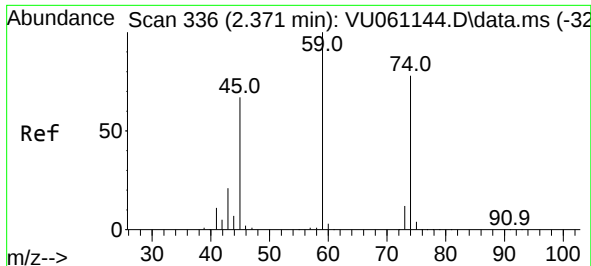
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#22
cis-1,2-Dichloroethene
Concen: 0.374 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion: 96 Resp: 5205
Ion Ratio Lower Upper
96 100
61 144.4 0.0 364.8
98 59.2 32.1 96.3





#23

Diethyl Ether

Concen: 0.386 ug/l

RT: 2.371 min Scan# 336

Delta R.T. -0.000 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

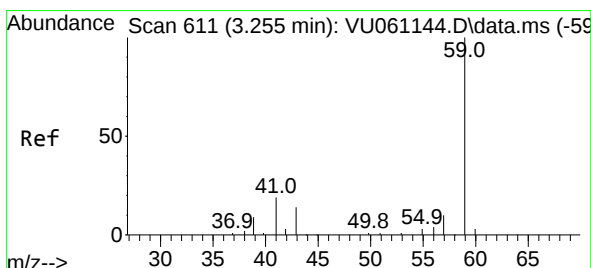
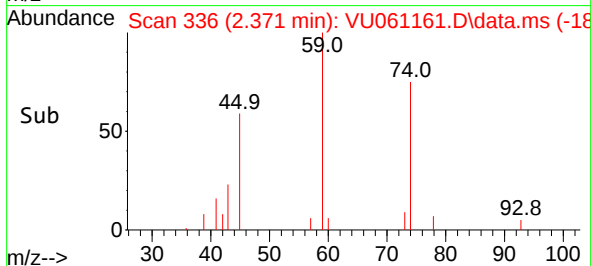
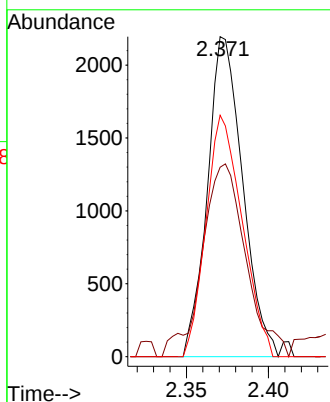
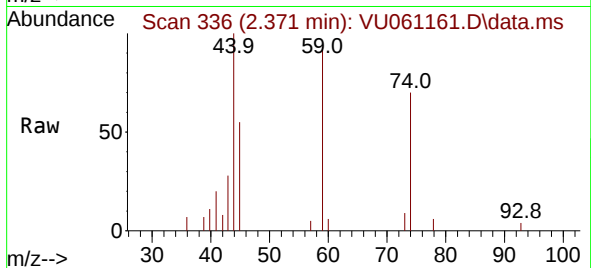
LOQ-WATER-02-QT4-2024

Tgt Ion: 59 Resp: 3270

Ion	Ratio	Lower	Upper
59	100		
45	74.5	52.0	78.0
74	77.5	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: 4.220 ug/l m

RT: 3.255 min Scan# 611

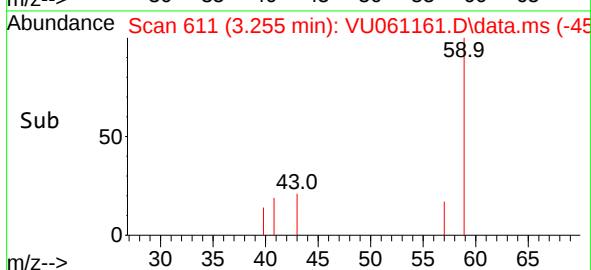
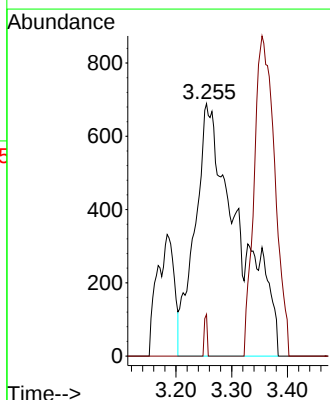
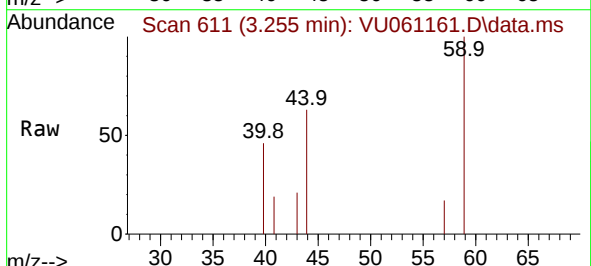
Delta R.T. -0.000 min

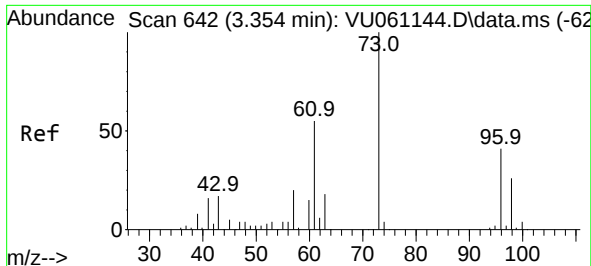
Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Tgt Ion: 59 Resp: 3727

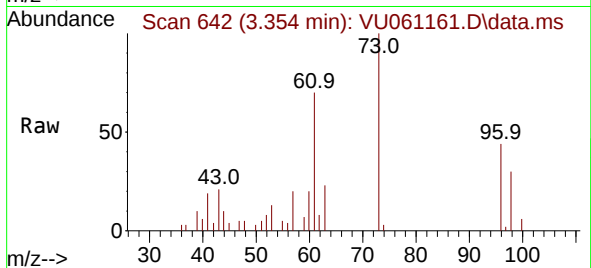
Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.2	4.8#





#25
Methyl tert-Butyl Ether
Concen: 0.357 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

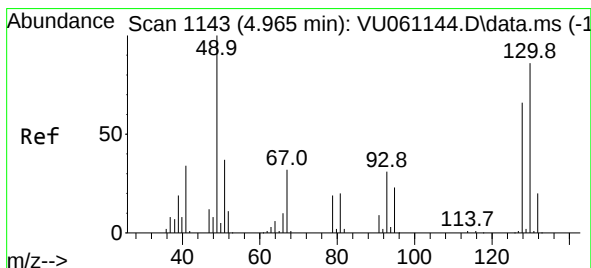
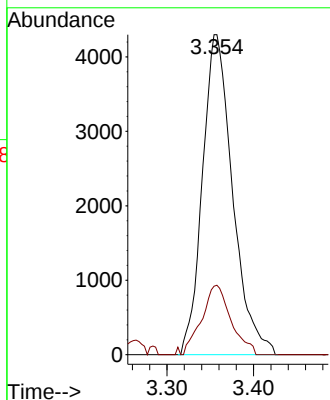
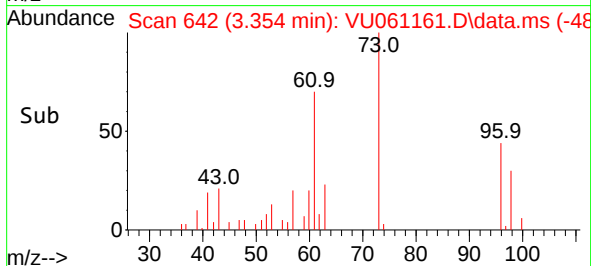
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



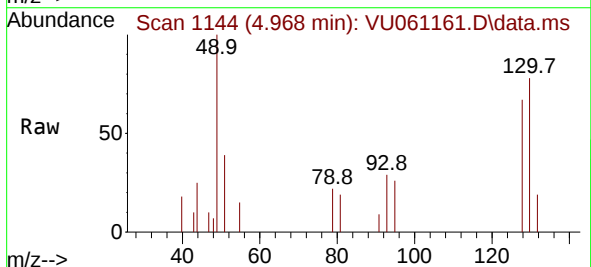
Tgt Ion: 73 Resp: 10420
Ion Ratio Lower Upper
73 100
43 21.1 14.7 22.1

Manual Integrations
APPROVED

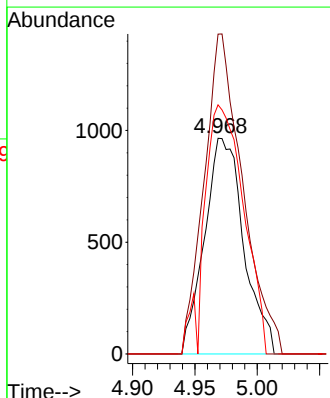
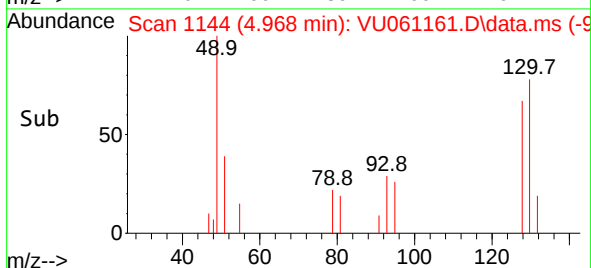
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

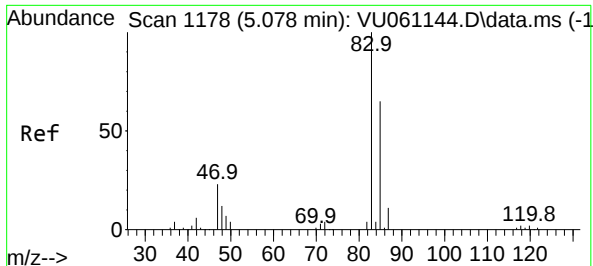


#26
Bromochloromethane
Concen: 0.363 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26



Tgt Ion:128 Resp: 2113
Ion Ratio Lower Upper
128 100
49 145.3 0.0 308.8
130 115.6 105.3 157.9





#27

Chloroform

Concen: 0.395 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

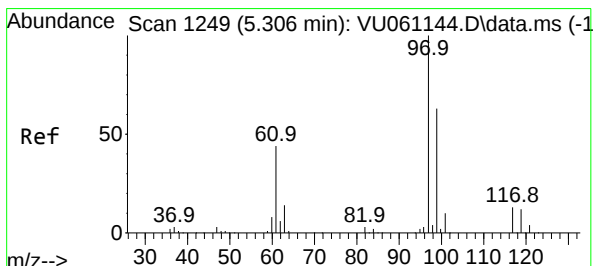
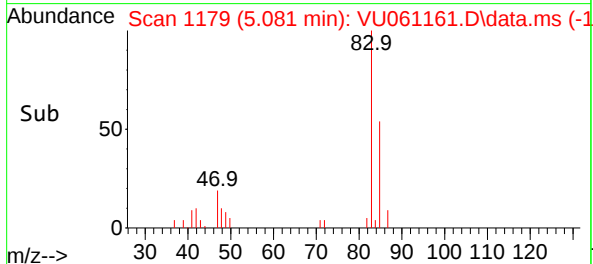
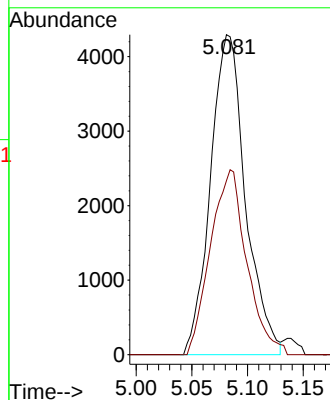
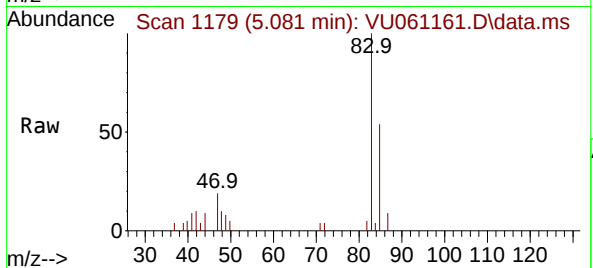
LOQ-WATER-02-QT4-2024

Tgt Ion: 83 Resp: 938
 Ion Ratio Lower Upper
 83 100
 85 54.3 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: 0.344 ug/l

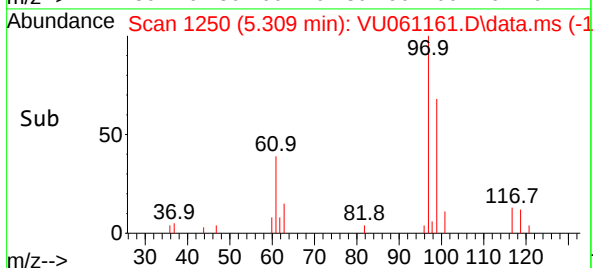
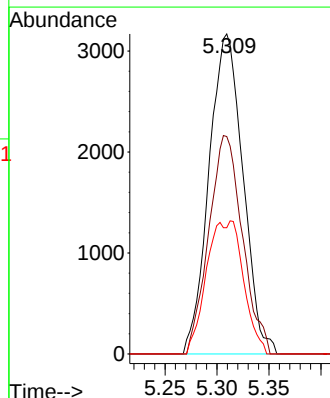
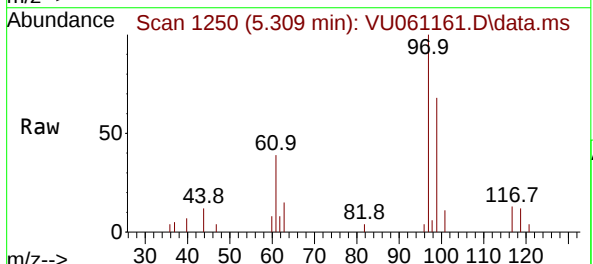
RT: 5.309 min Scan# 1250

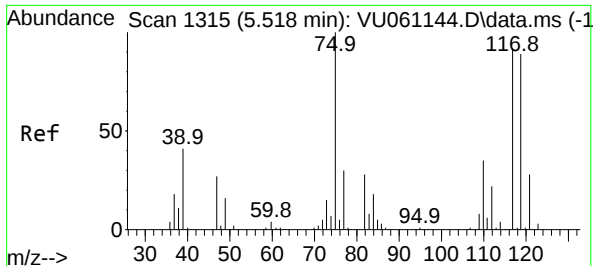
Delta R.T. 0.003 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

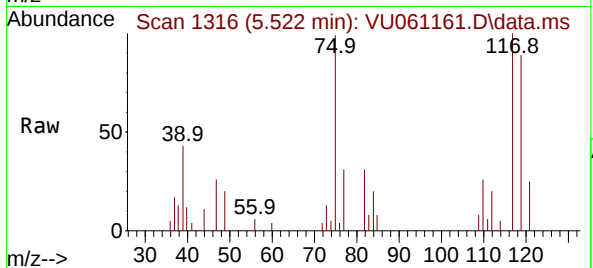
Tgt Ion: 97 Resp: 7207
 Ion Ratio Lower Upper
 97 100
 99 67.5 31.9 95.5
 61 22.8 22.1 66.1





#29
1,1-Dichloropropene
Concen: 0.362 ug/l
RT: 5.522 min Scan# 116
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

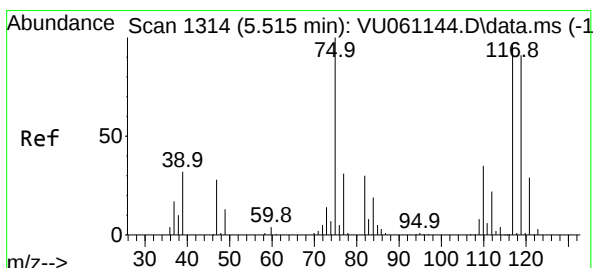
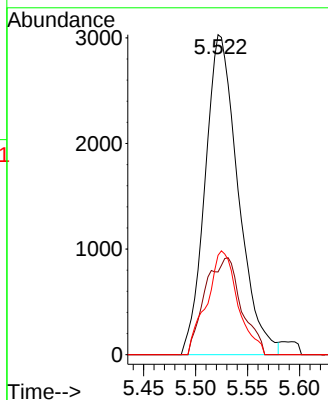
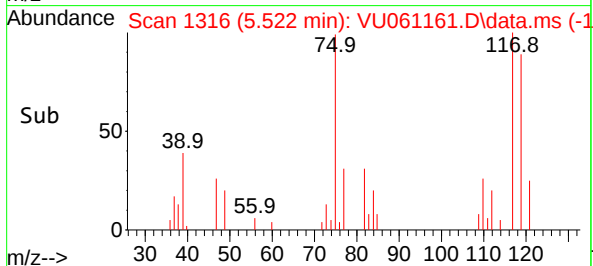
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



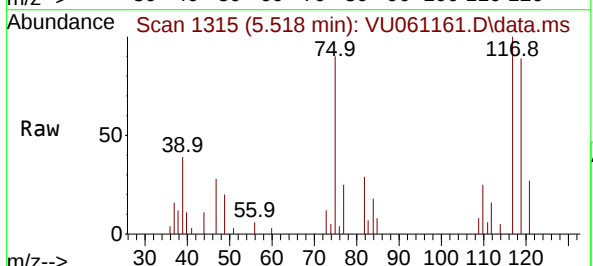
Tgt Ion: 75 Resp: 669
Ion Ratio Lower Upper
75 100
110 33.4 17.8 53.3
77 30.5 24.6 37.0

Manual Integrations
APPROVED

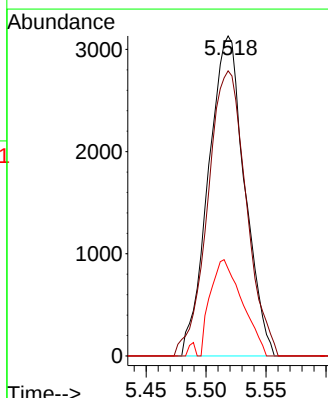
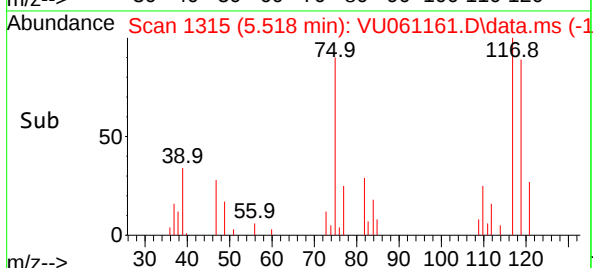
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

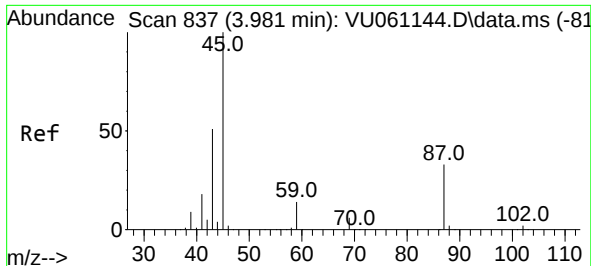


#30
Carbon Tetrachloride
Concen: 0.362 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26



Tgt Ion:117 Resp: 6582
Ion Ratio Lower Upper
117 100
119 89.1 76.4 114.6
121 27.3 24.1 36.1





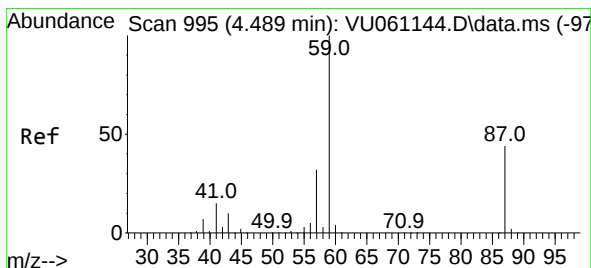
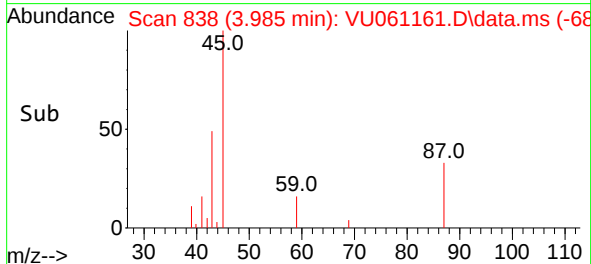
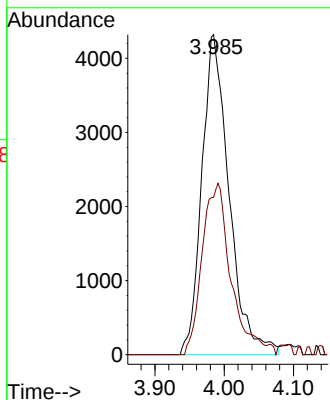
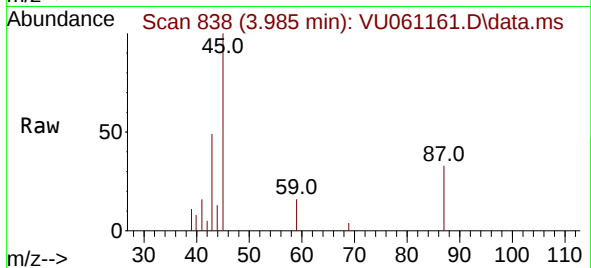
#31
Isopropyl Ether
Concen: 0.365 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 45 Resp: 11780
Ion Ratio Lower Upper
45 100
43 56.1 25.7 77.0

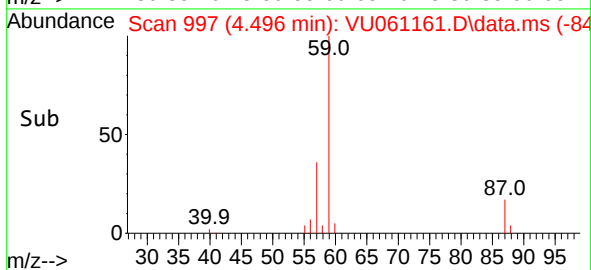
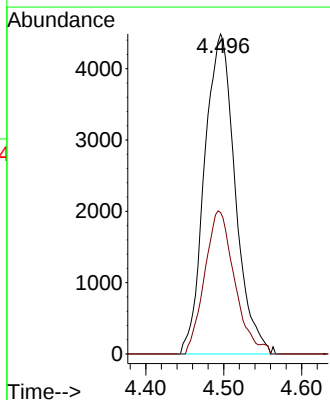
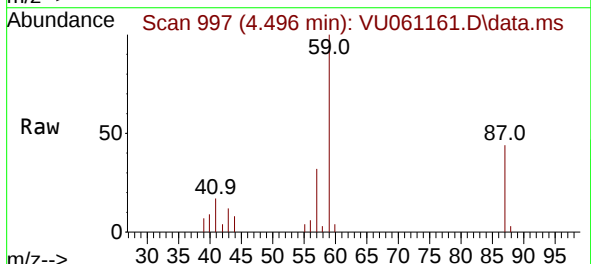
Manual Integrations
APPROVED

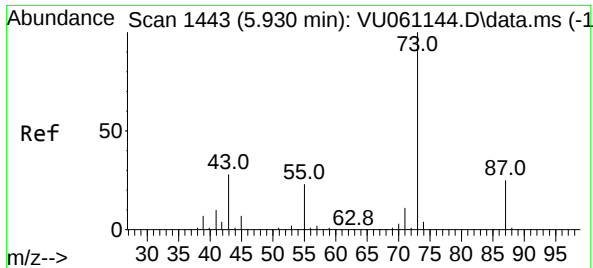
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#32
Ethyl-t-butyl ether
Concen: 0.370 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.006 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

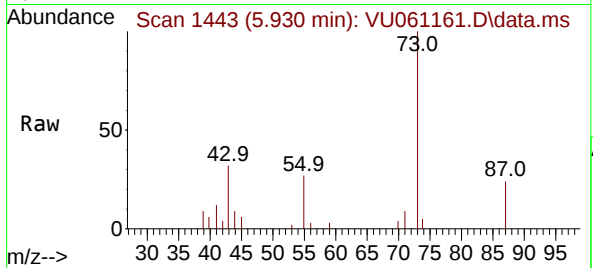
Tgt Ion: 59 Resp: 12286
Ion Ratio Lower Upper
59 100
87 43.7 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 0.368 ug/l m
RT: 5.930 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

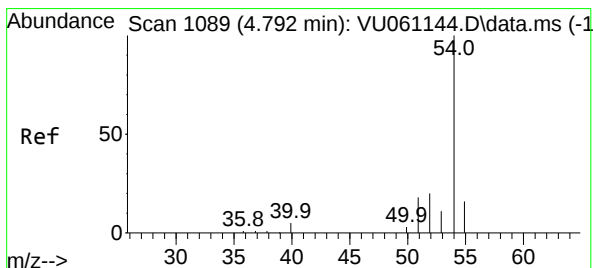
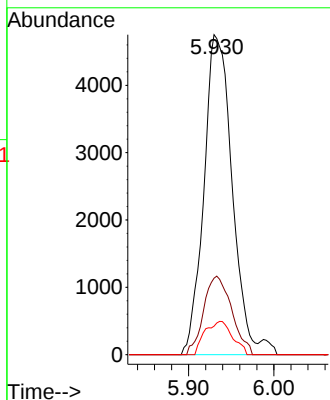
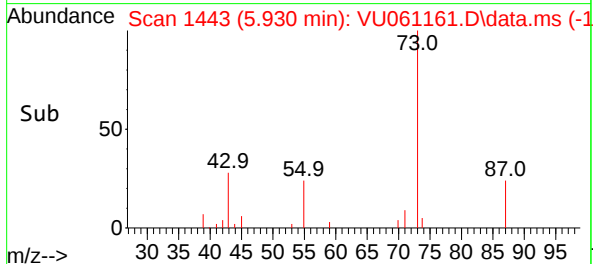
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 73 Resp: 11018
Ion Ratio Lower Upper
73 100
87 24.2 19.8 29.8
71 10.1 8.6 12.8

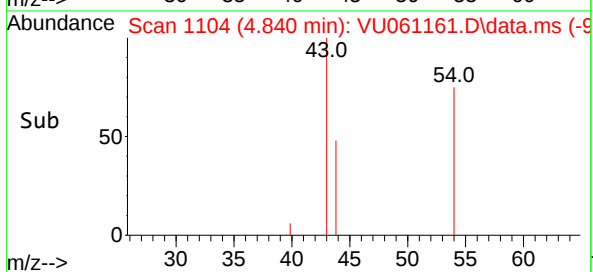
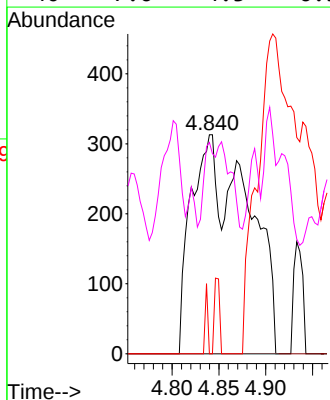
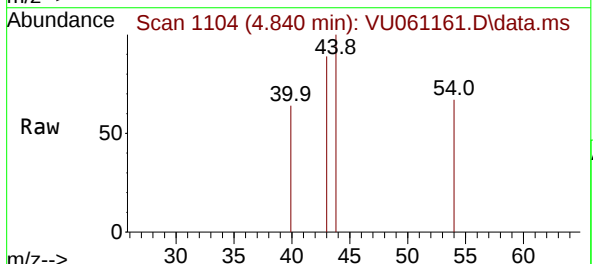
Manual Integrations
APPROVED

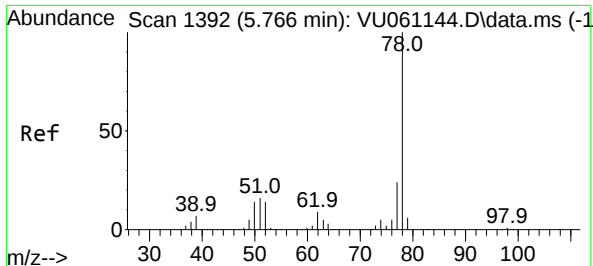
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#34
Propionitrile
Concen: 1.571 ug/l m
RT: 4.840 min Scan# 1104
Delta R.T. 0.048 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion: 54 Resp: 1311
Ion Ratio Lower Upper
54 100
52 0.0 15.3 22.9#
55 3.1 9.7 14.5#
40 7.6 4.3 6.5#





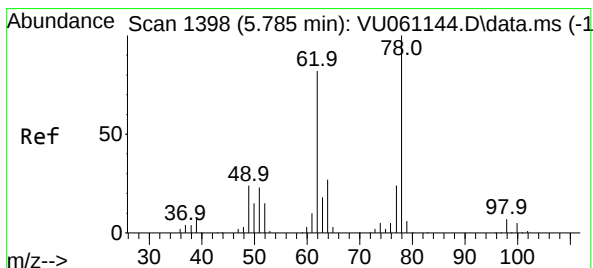
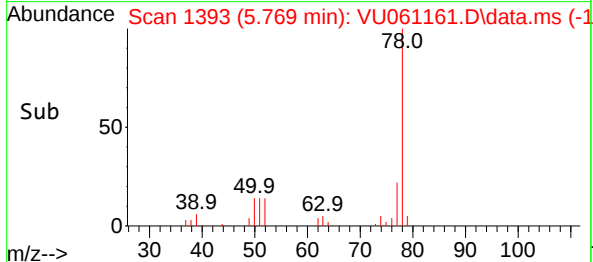
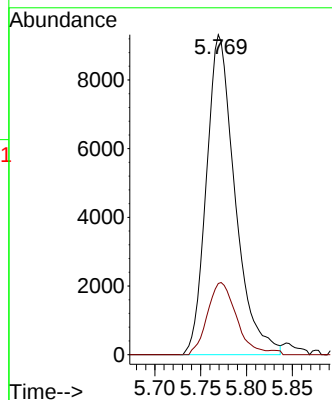
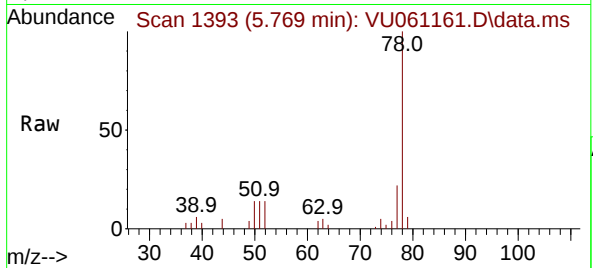
#35
Benzene
Concen: 0.389 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 78 Resp: 2025
Ion Ratio Lower Upper
78 100
77 22.2 19.4 29.0

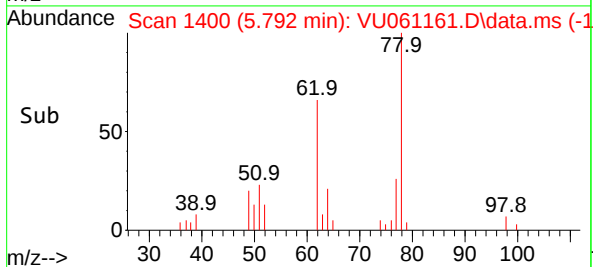
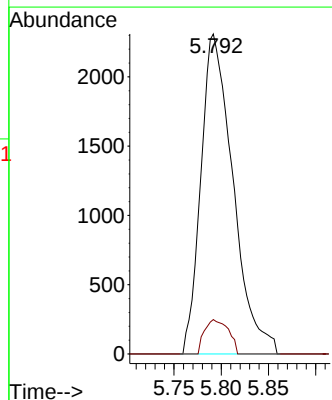
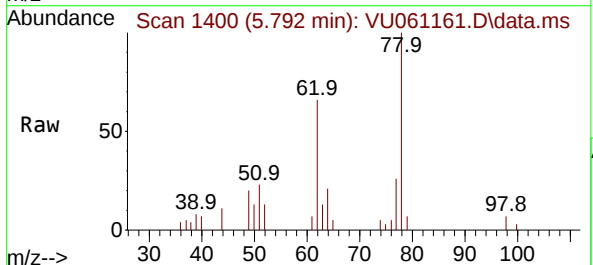
Manual Integrations
APPROVED

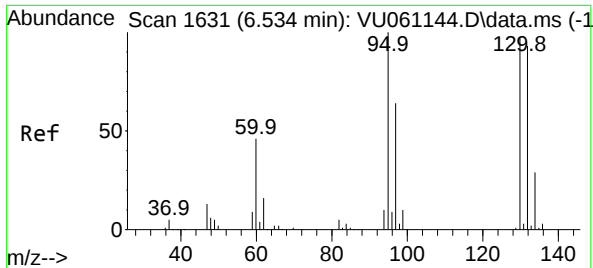
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#36
1,2-Dichloroethane
Concen: 0.371 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

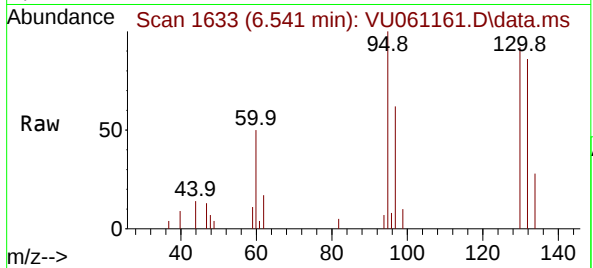
Tgt Ion: 62 Resp: 5460
Ion Ratio Lower Upper
62 100
98 8.0 7.0 10.4





#37
Trichloroethene
Concen: 0.378 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

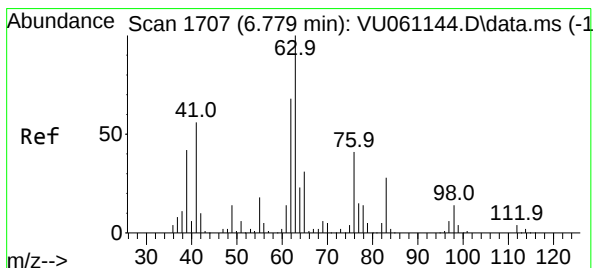
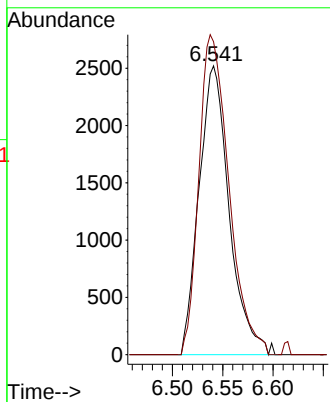
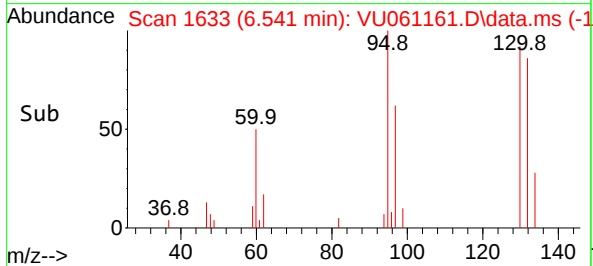
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:130 Resp: 5258
Ion Ratio Lower Upper
130 100
95 108.4 82.6 123.8

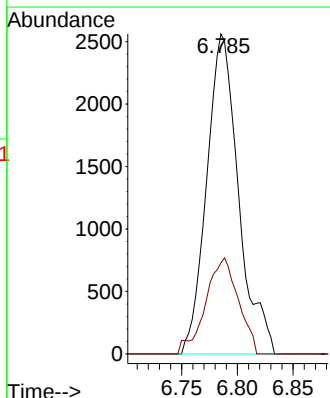
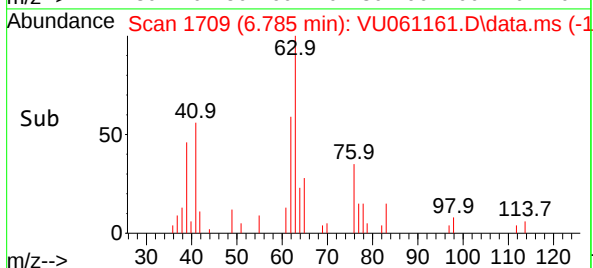
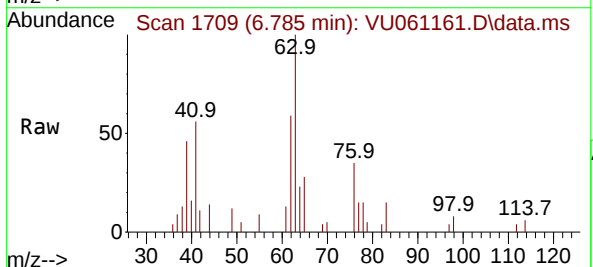
Manual Integrations
APPROVED

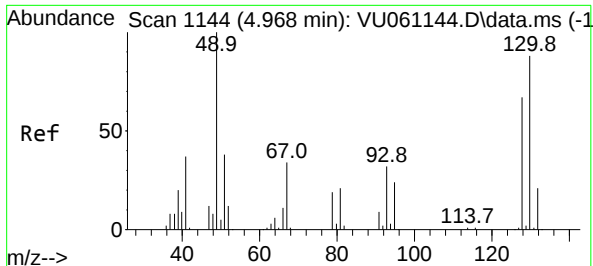
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#38
1,2-Dichloropropane
Concen: 0.386 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.006 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion: 63 Resp: 5089
Ion Ratio Lower Upper
63 100
65 28.4 25.0 37.6





#39

Methacrylonitrile

Concen: 0.375 ug/l m

RT: 5.007 min Scan# 1125

Delta R.T. 0.039 min

Lab File: VU061161.D

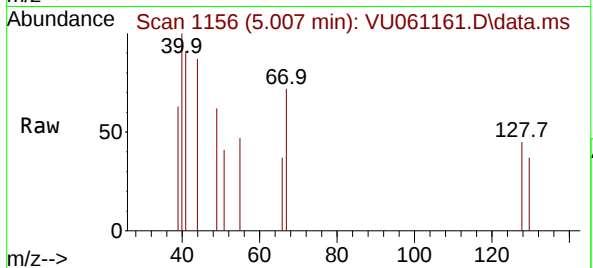
Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion: 41 Resp: 1125

Ion Ratio Lower Upper

41 100

67 29.9 78.1 117.1#

39 42.1 44.6 67.0#

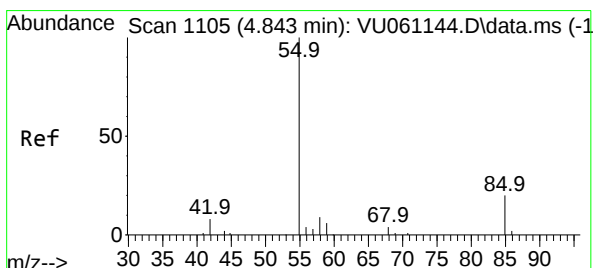
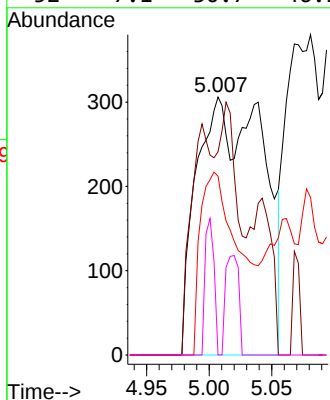
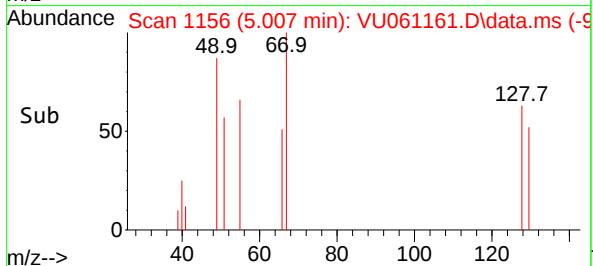
52 7.1 30.7 46.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#40

Methyl acrylate

Concen: 0.361 ug/l m

RT: 4.907 min Scan# 1125

Delta R.T. 0.064 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Tgt Ion: 55 Resp: 2198

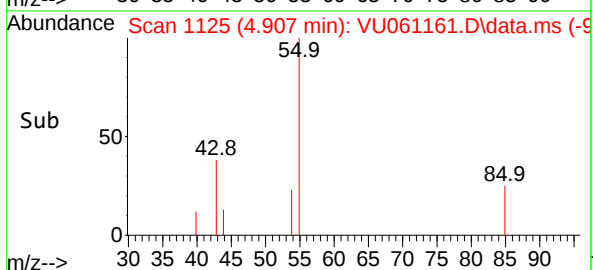
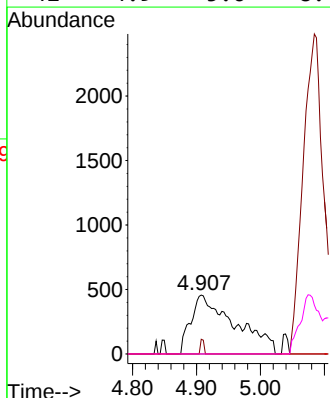
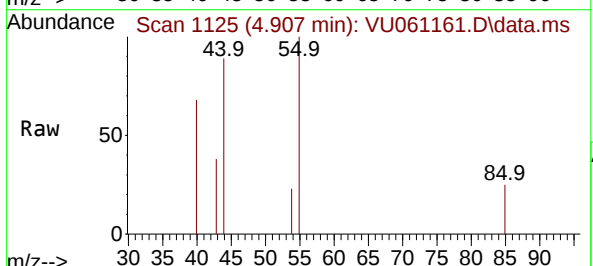
Ion Ratio Lower Upper

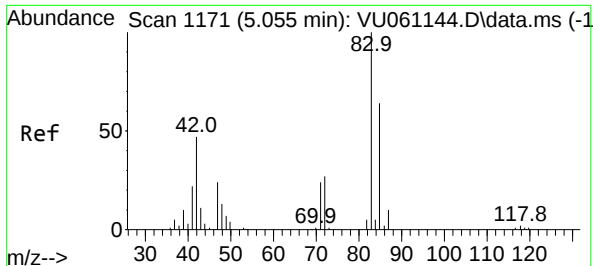
55 100

85 0.0 14.1 21.1#

58 0.0 6.9 10.3#

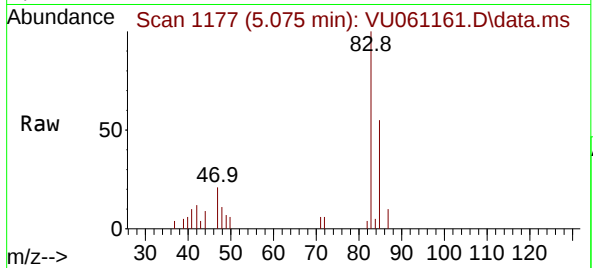
42 4.9 5.6 8.4#





#41
Tetrahydrofuran
Concen: 0.715 ug/l m
RT: 5.075 min Scan# 1171
Delta R.T. 0.019 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

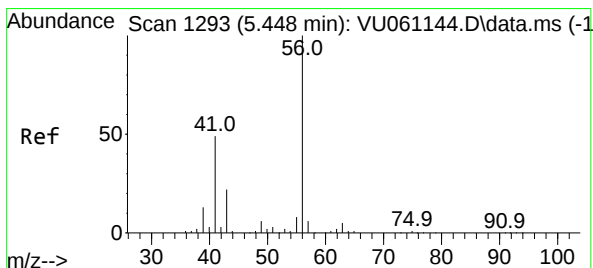
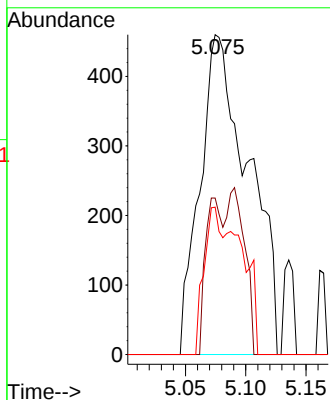
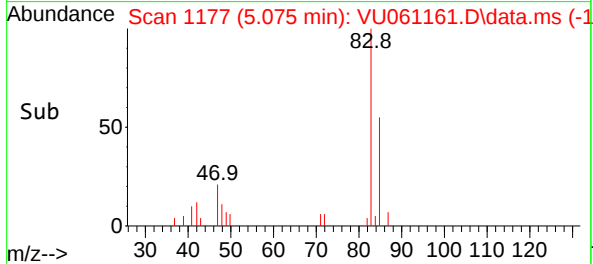
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 42 Resp: 1290
Ion Ratio Lower Upper
42 100
72 17.1 47.8 71.8
71 17.1 41.5 62.3

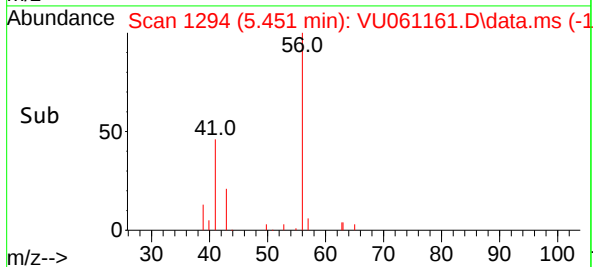
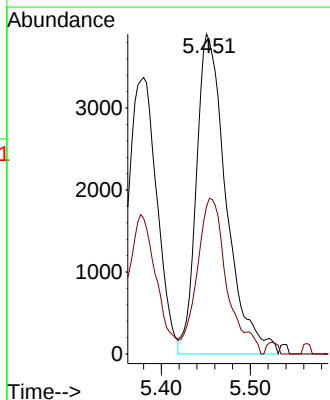
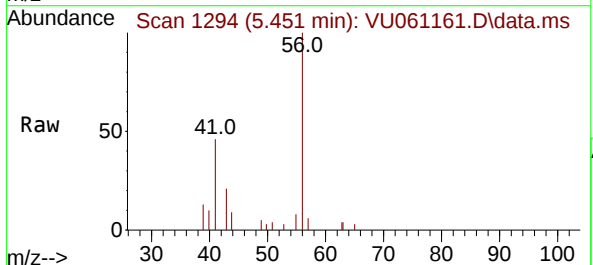
Manual Integrations
APPROVED

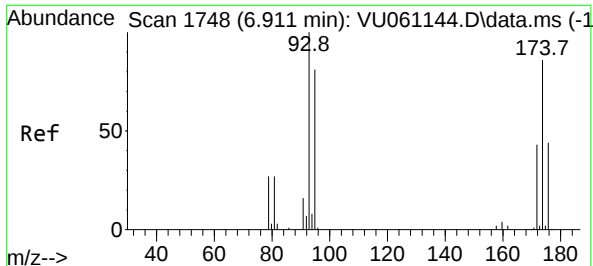
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#42
1-Chlorobutane
Concen: 0.383 ug/l m
RT: 5.451 min Scan# 1294
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

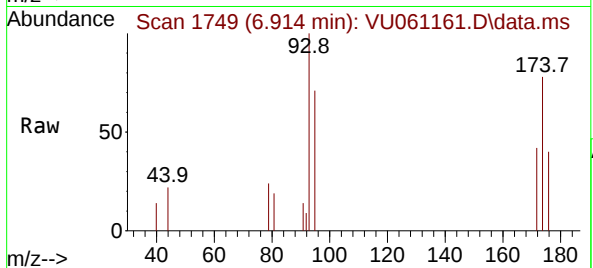
Tgt Ion: 56 Resp: 9089
Ion Ratio Lower Upper
56 100
41 48.4 23.9 71.7





#43
Dibromomethane
Concen: 0.372 ug/l
RT: 6.914 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

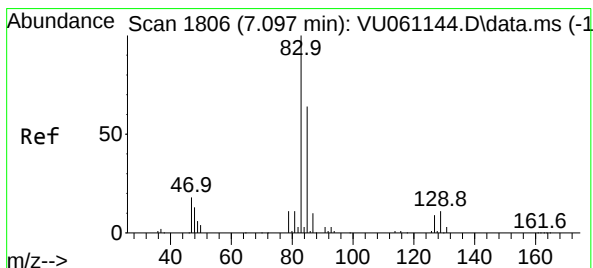
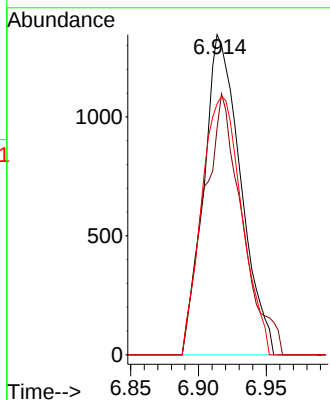
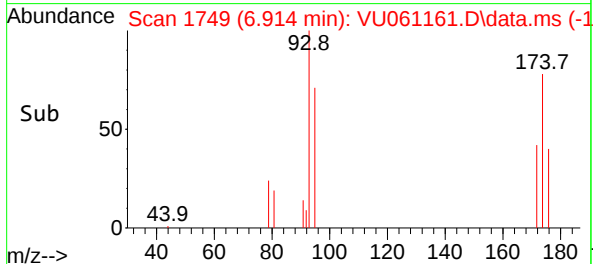
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 93 Resp: 254
Ion Ratio Lower Upper
93 100
95 84.5 67.5 101.3
174 87.7 71.2 106.8

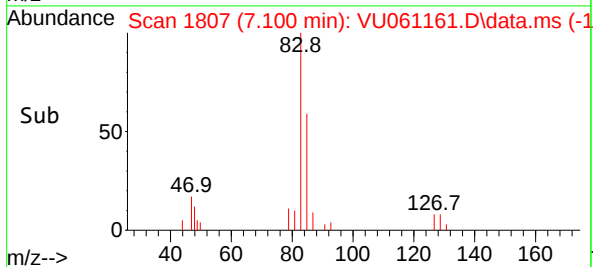
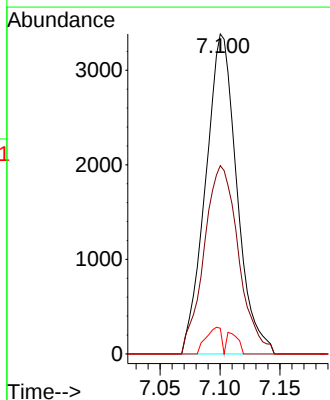
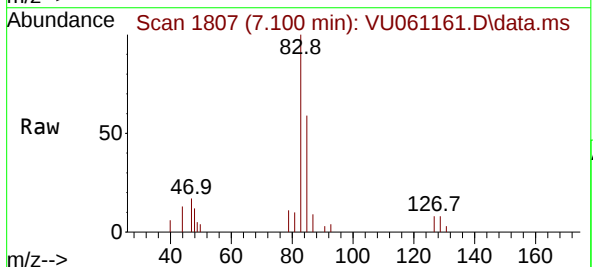
Manual Integrations
APPROVED

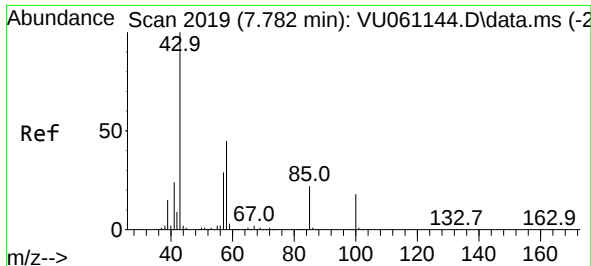
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#44
Bromodichloromethane
Concen: 0.368 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion: 83 Resp: 6133
Ion Ratio Lower Upper
83 100
85 58.8 51.4 77.2
127 8.0 7.4 11.2





#45

4-Methyl-2-Pentanone

Concen: 1.759 ug/l

RT: 7.792 min Scan# 2019

Delta R.T. 0.010 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

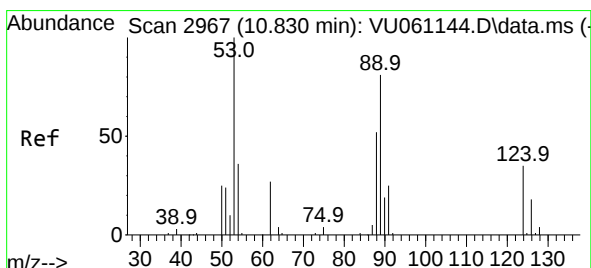
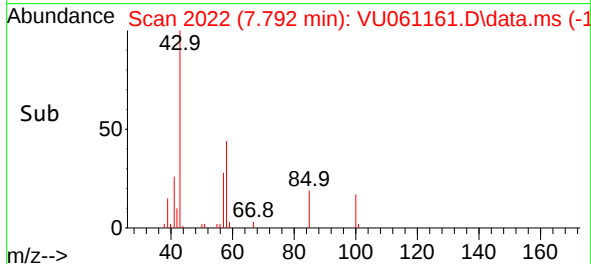
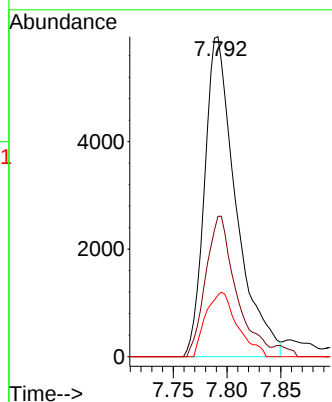
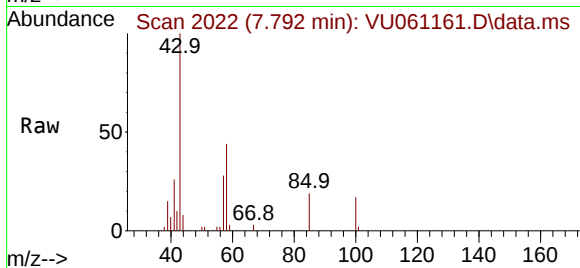
LOQ-WATER-02-QT4-2024

Tgt Ion: 43	Resp: 1208
Ion Ratio	Lower Upper
43	100
58	42.7 22.2 66.6
85	20.1 17.2 25.8

Manual Integrations

APPROVED

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



#46

t-1,4-Dichloro-2-butene

Concen: 0.577 ug/l m

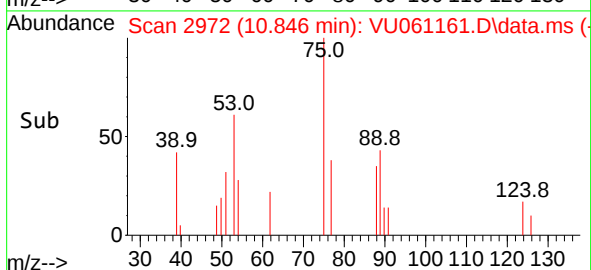
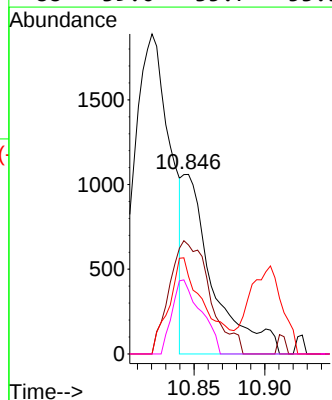
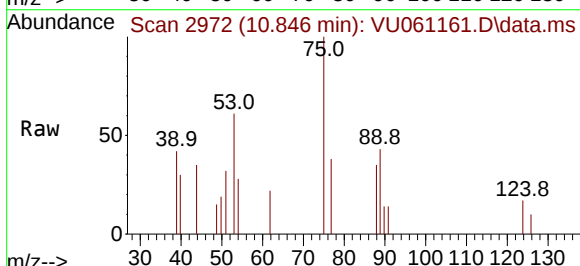
RT: 10.846 min Scan# 2972

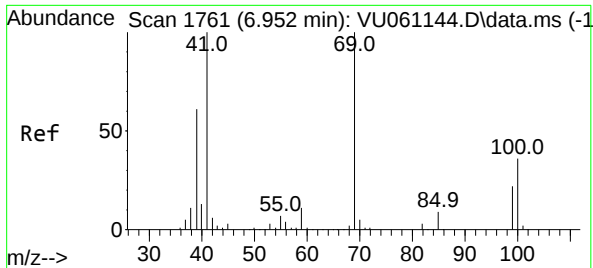
Delta R.T. 0.016 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Tgt Ion: 75	Resp: 1581
Ion Ratio	Lower Upper
75	100
53	84.4 66.0 99.0
89	63.6 48.0 72.0
88	39.0 35.7 53.5





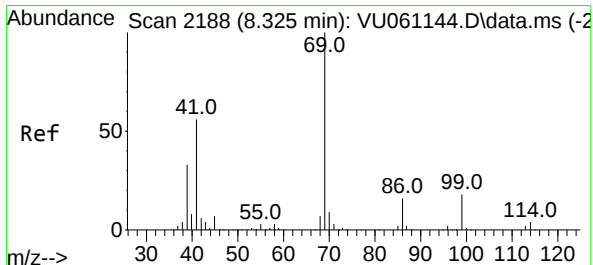
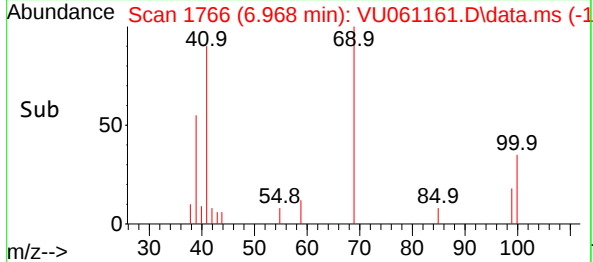
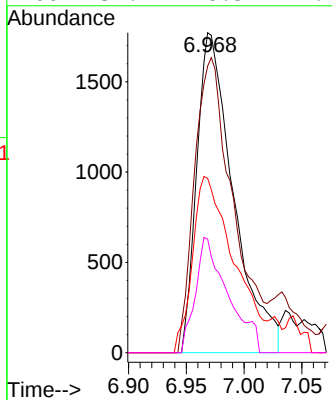
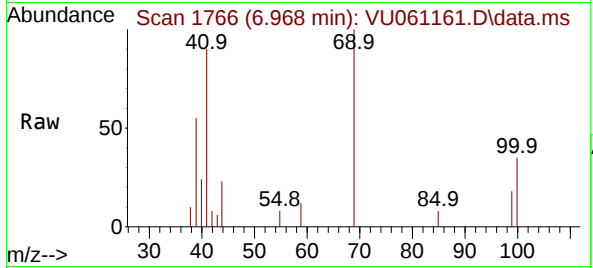
#47
Methyl methacrylate
Concen: 0.657 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.016 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 69 Resp: 3910
Ion Ratio Lower Upper
69 100
41 97.4 0.0 196.0
39 62.6 48.0 72.0
100 31.9 28.5 42.7

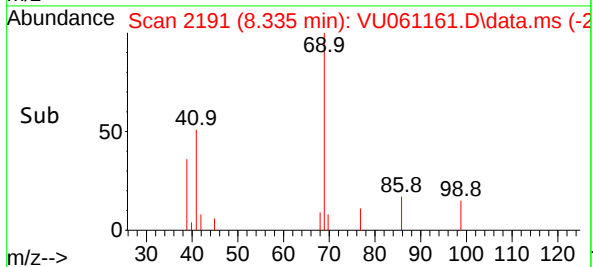
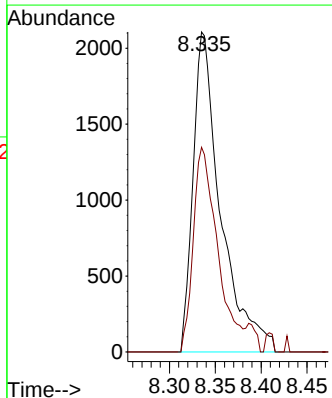
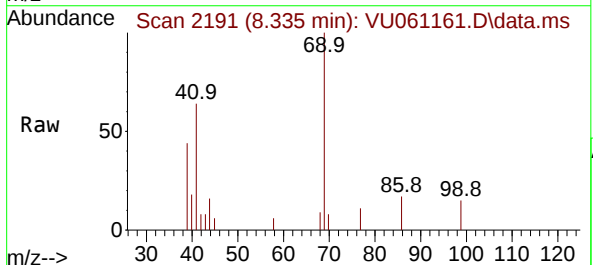
Manual Integrations
APPROVED

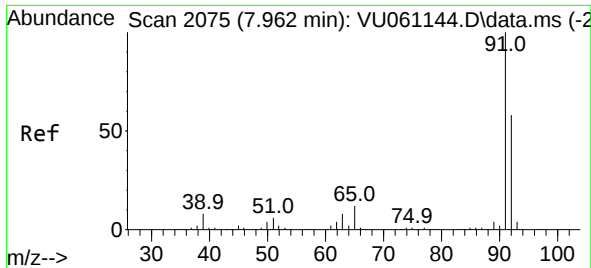
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#48
Ethyl methacrylate
Concen: 0.347 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.010 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion: 69 Resp: 4396
Ion Ratio Lower Upper
69 100
41 56.2 28.1 84.3





#49

Toluene

Concen: 0.363 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 92 Resp: 11939

Ion Ratio Lower Upper

92 100

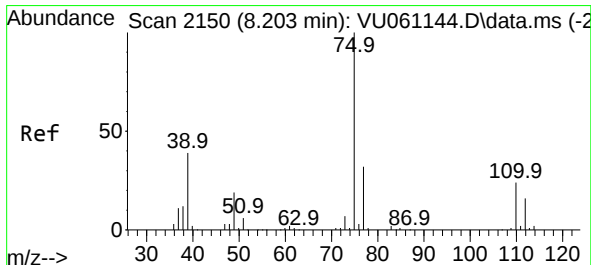
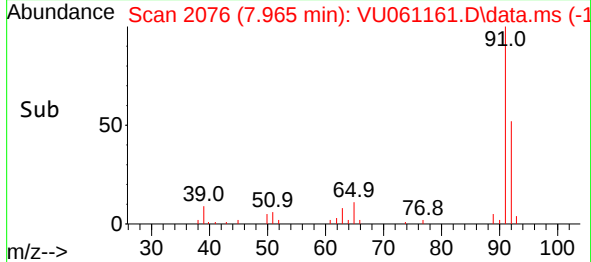
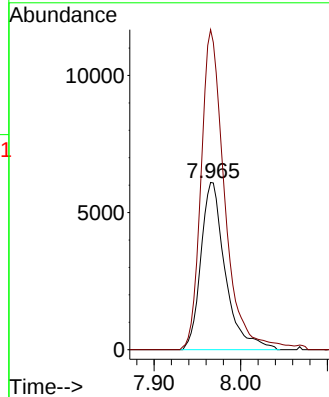
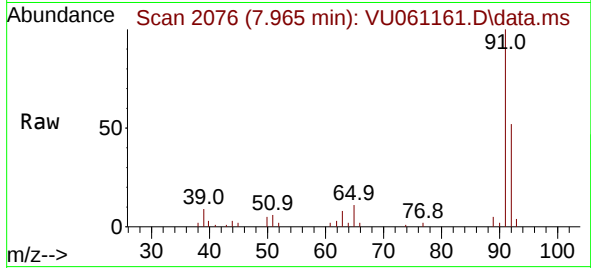
91 185.6 139.1 208.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#50

t-1,3-Dichloropropene

Concen: 0.340 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU061161.D

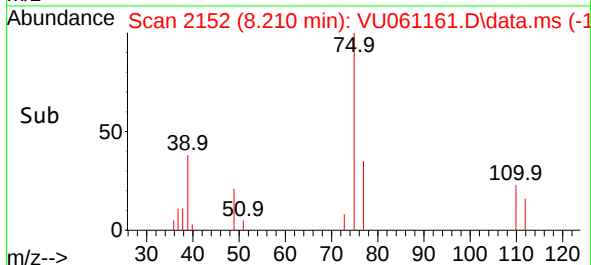
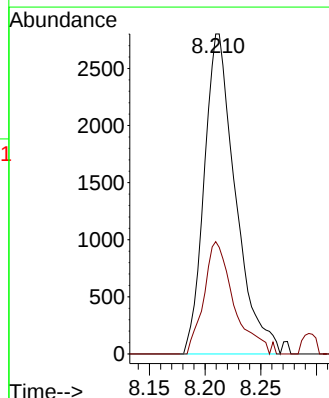
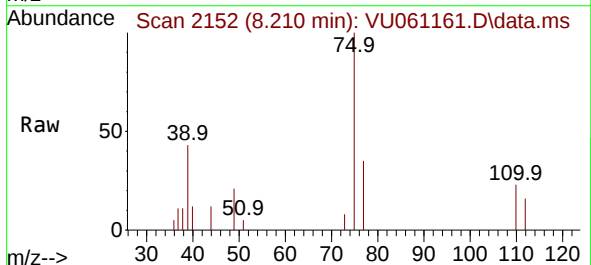
Acq: 18 Oct 2024 13:26

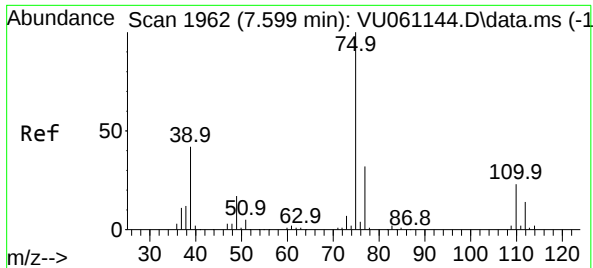
Tgt Ion: 75 Resp: 5461

Ion Ratio Lower Upper

75 100

77 35.1 25.9 38.9





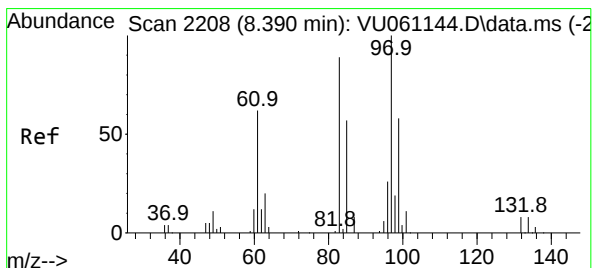
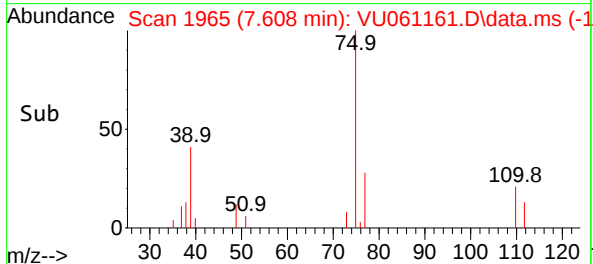
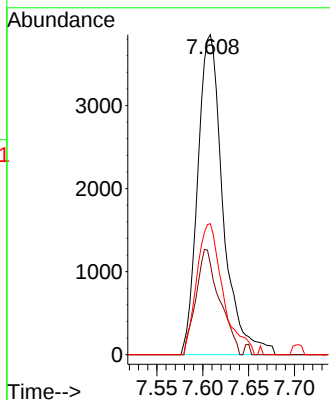
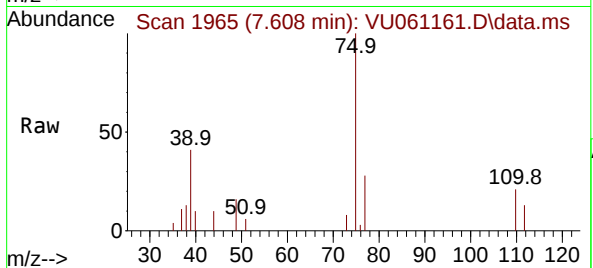
#51
 cis-1,3-Dichloropropene
 Concen: 0.375 ug/l
 RT: 7.608 min Scan# 1962
 Delta R.T. 0.010 min
 Lab File: VU061161.D
 Acq: 18 Oct 2024 13:26

Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Tgt Ion: 75 Resp: 7380
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.8 38.8
 39 41.0 33.7 50.5

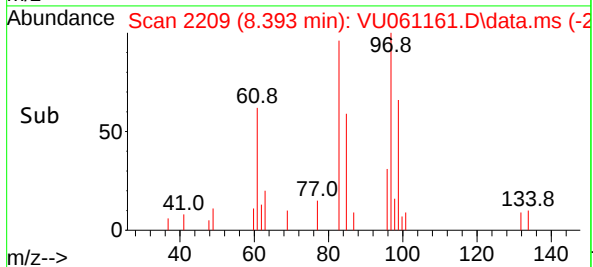
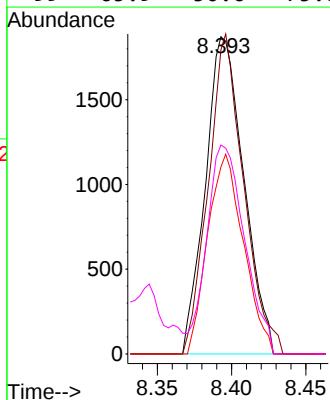
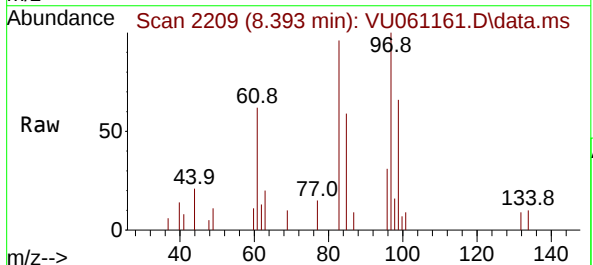
Manual Integrations
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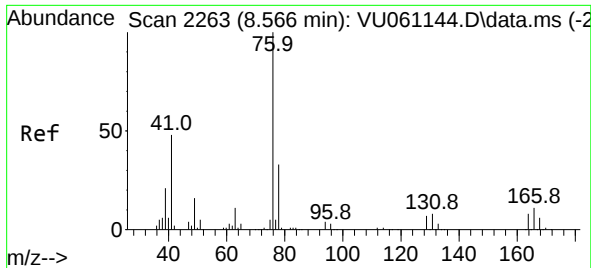
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.364 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061161.D
 Acq: 18 Oct 2024 13:26

Tgt Ion: 97 Resp: 3361
 Ion Ratio Lower Upper
 97 100
 83 95.9 71.0 106.4
 85 58.9 46.1 69.1
 99 65.9 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.357 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 76 Resp: 578

Ion Ratio Lower Upper

76 100

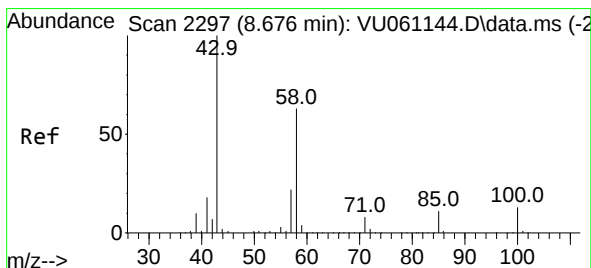
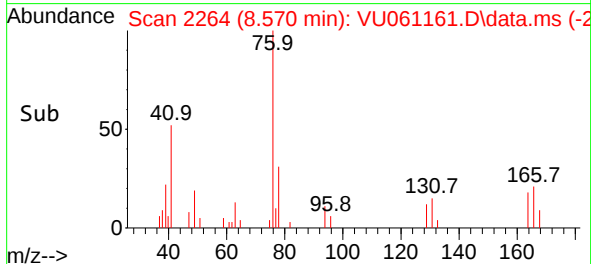
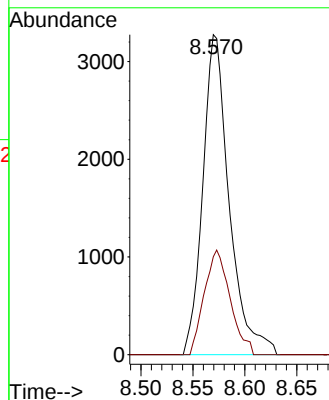
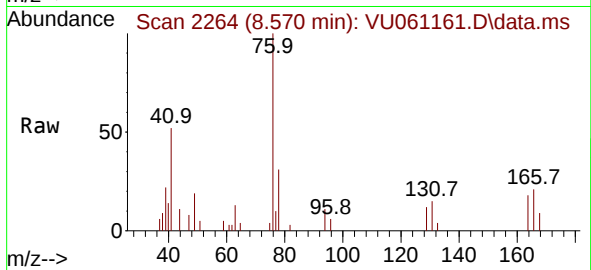
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#54

2-Hexanone

Concen: 1.762 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.016 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

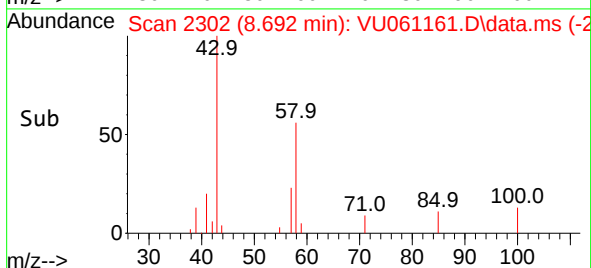
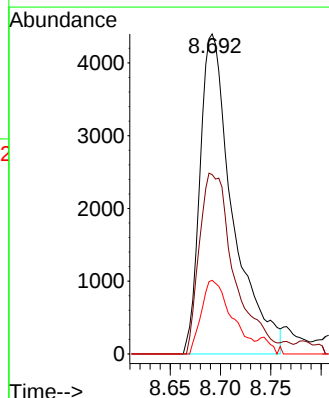
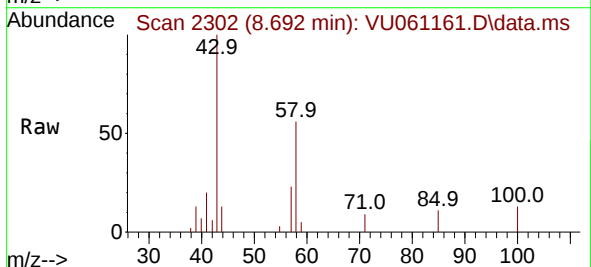
Tgt Ion: 43 Resp: 9943

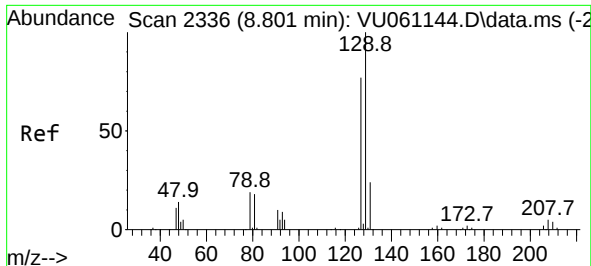
Ion Ratio Lower Upper

43 100

58 60.3 41.8 81.8

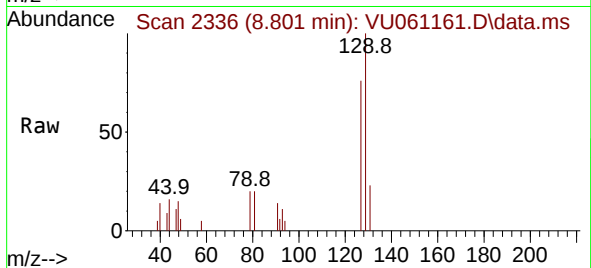
57 21.3 1.4 41.4





#55
Dibromochloromethane
Concen: 0.359 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

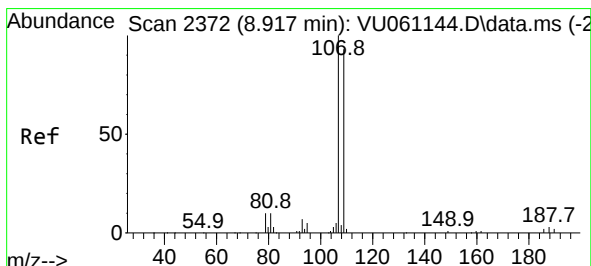
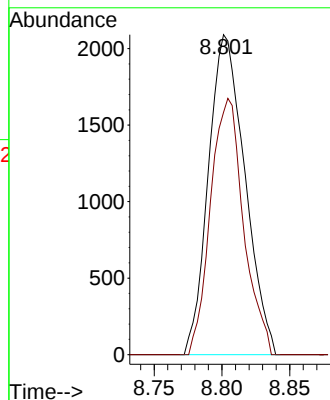
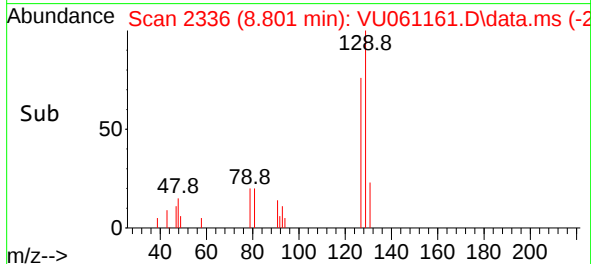
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



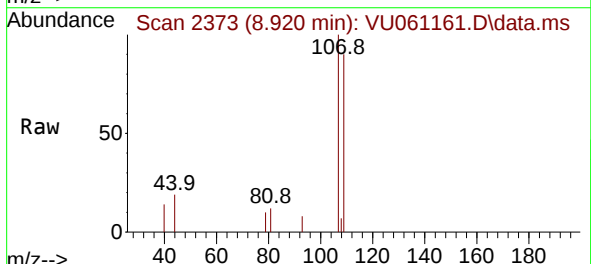
Tgt Ion:129 Resp: 390
Ion Ratio Lower Upper
129 100
127 72.6 61.9 92.9

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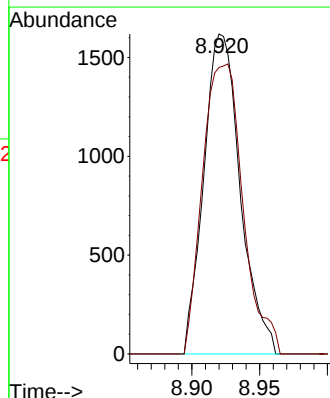
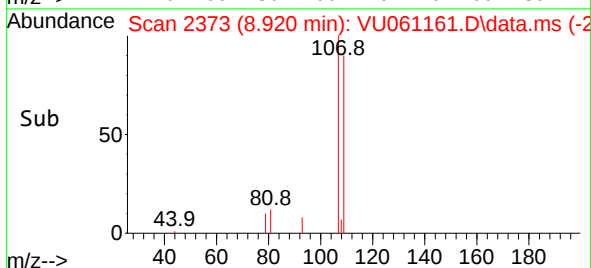
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

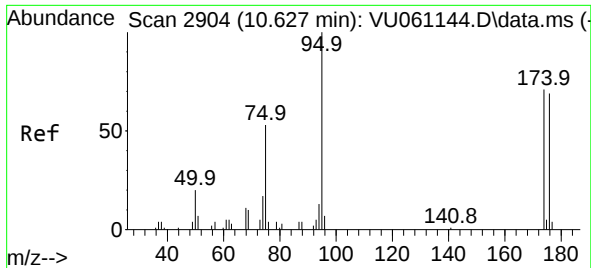


#56
1,2-Dibromoethane
Concen: 0.342 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26



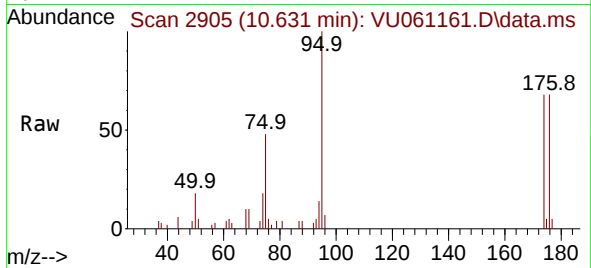
Tgt Ion:107 Resp: 3031
Ion Ratio Lower Upper
107 100
109 100.3 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.985 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

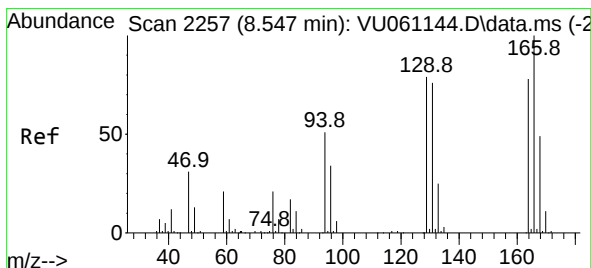
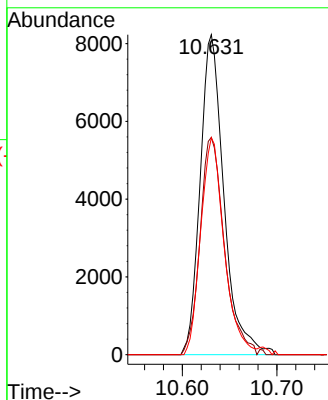
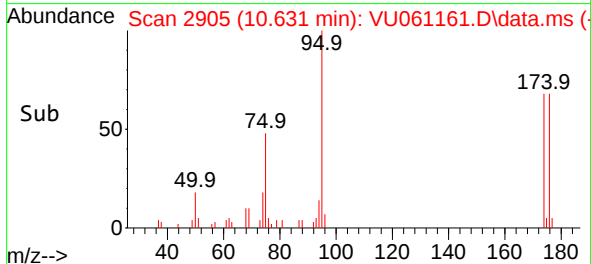
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 95 Resp: 1436
Ion Ratio Lower Upper
95 100
174 69.7 55.4 83.0
176 67.0 54.4 81.6

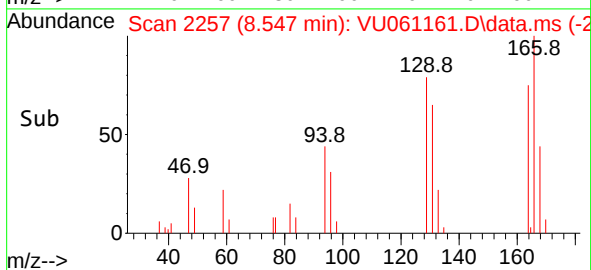
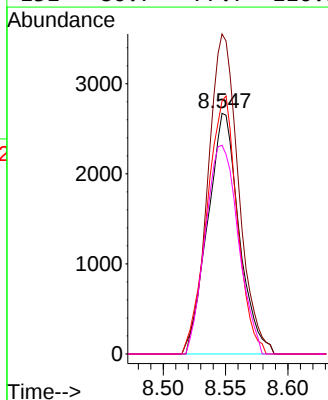
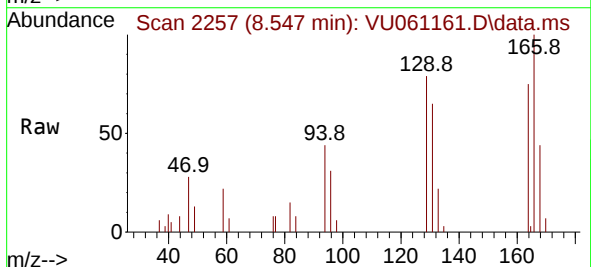
Manual Integrations
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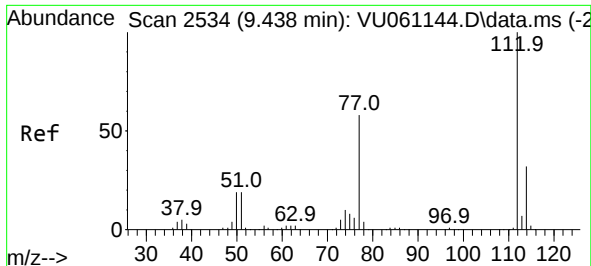
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#58
Tetrachloroethene
Concen: 0.398 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion:164 Resp: 4698
Ion Ratio Lower Upper
164 100
166 133.0 102.1 153.1
129 105.1 80.6 120.8
131 86.7 77.7 116.5





#59

Chlorobenzene

Concen: 0.370 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:112 Resp: 13128

Ion Ratio Lower Upper

112 100

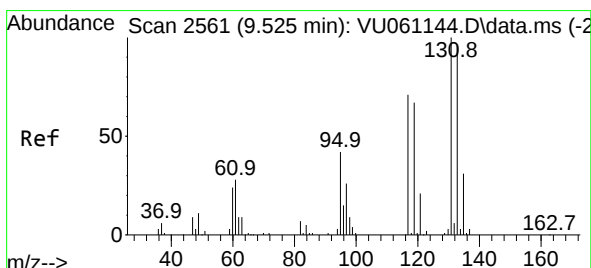
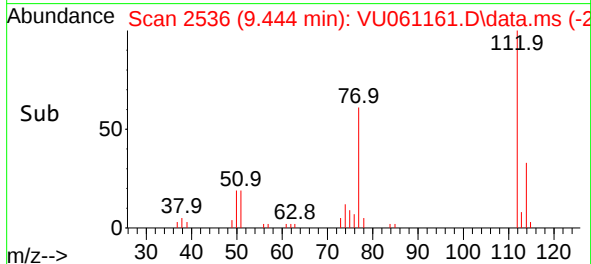
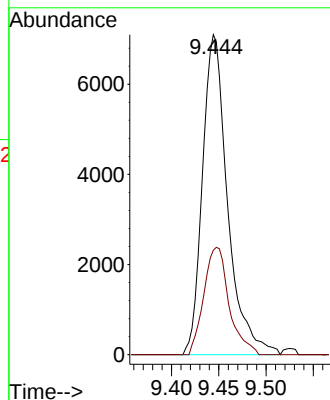
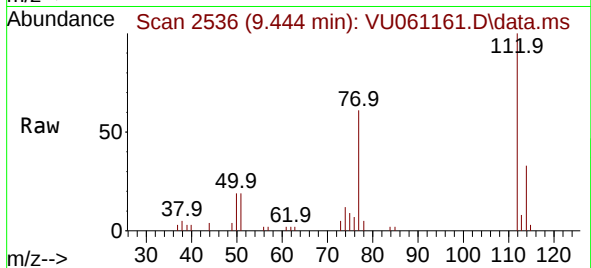
114 32.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#60

1,1,1,2-Tetrachloroethane

Concen: 0.361 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

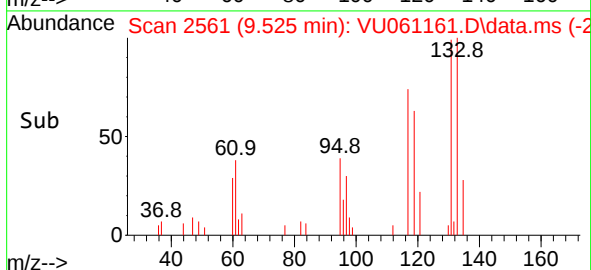
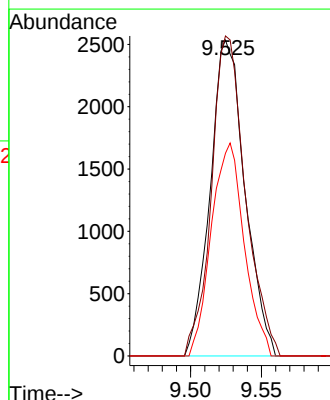
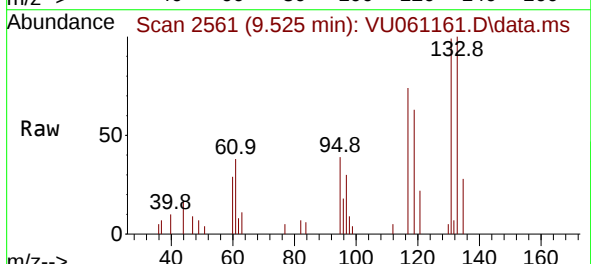
Tgt Ion:131 Resp: 4318

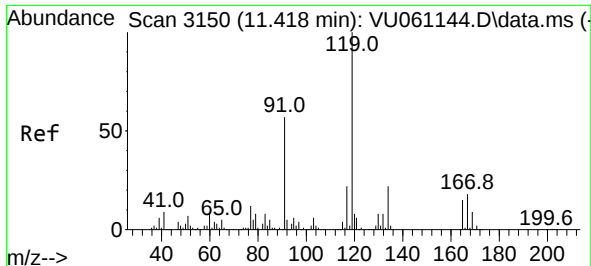
Ion Ratio Lower Upper

131 100

133 99.0 76.8 115.2

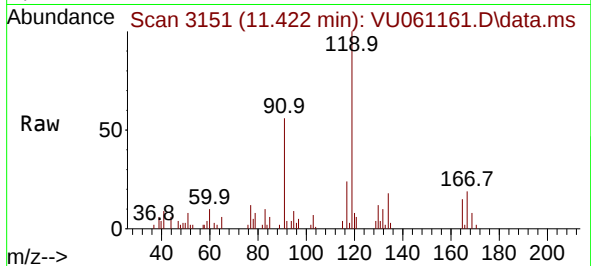
119 63.9 54.2 81.2





#61
Pentachloroethane
Concen: 0.349 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

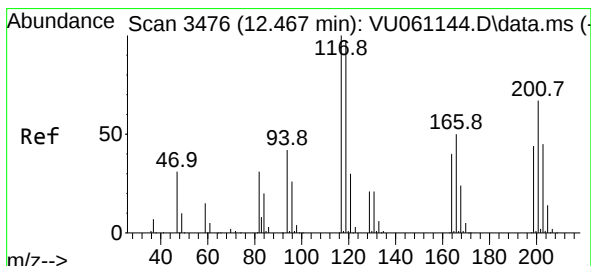
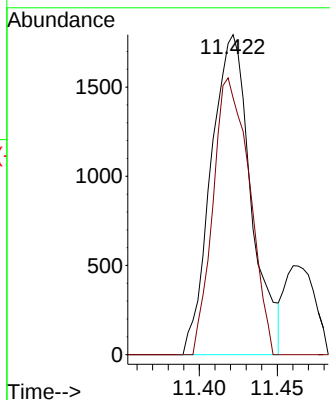
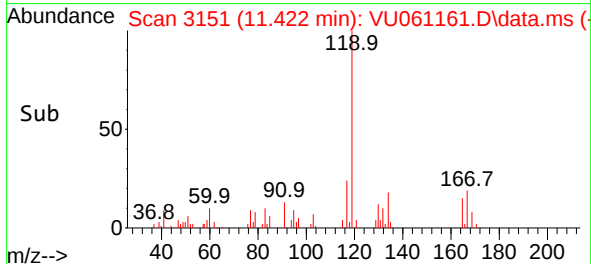
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:117 Resp: 319
Ion Ratio Lower Upper
117 100
167 78.8 63.4 95.2

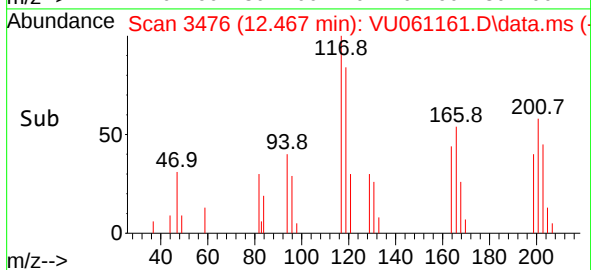
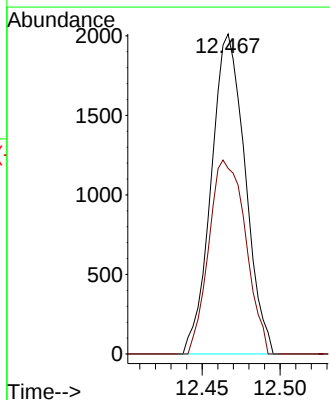
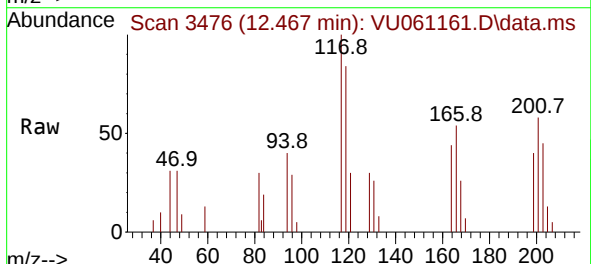
Manual Integrations
APPROVED

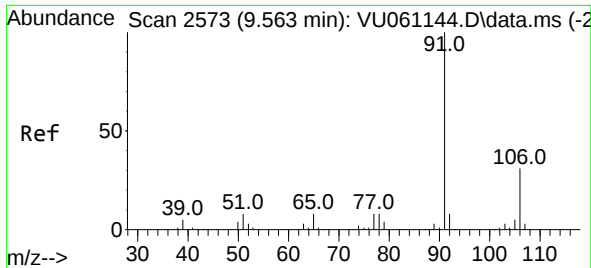
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#62
Hexachloroethane
Concen: 0.323 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion:117 Resp: 3045
Ion Ratio Lower Upper
117 100
201 65.5 54.3 81.5





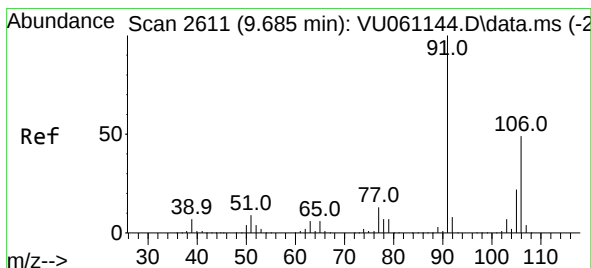
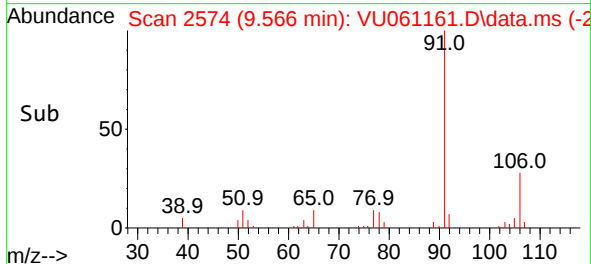
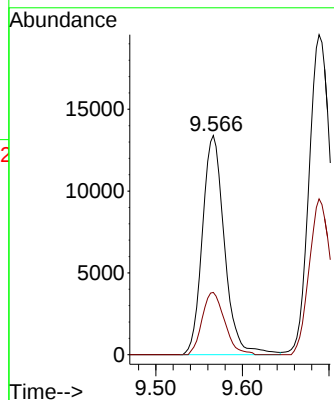
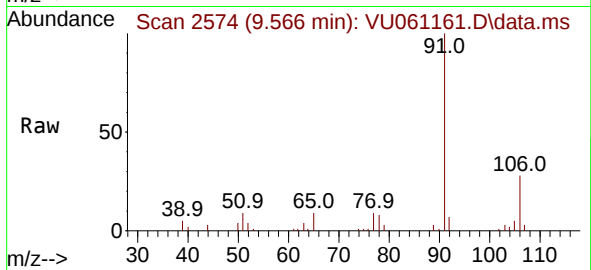
#63
Ethyl Benzene
Concen: 0.373 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 23720
Ion Ratio Lower Upper
91 100
106 28.4 24.6 37.0

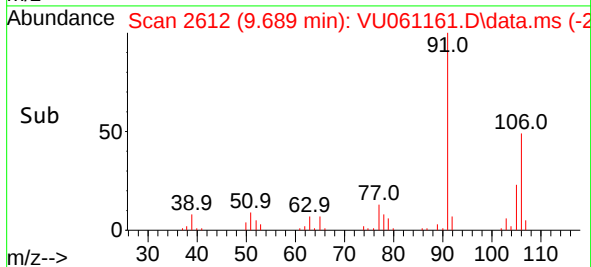
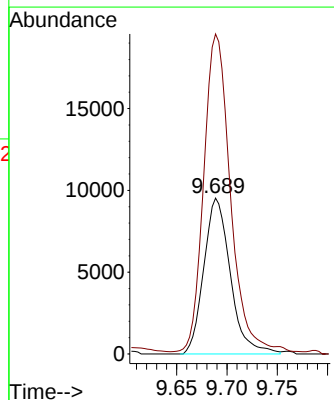
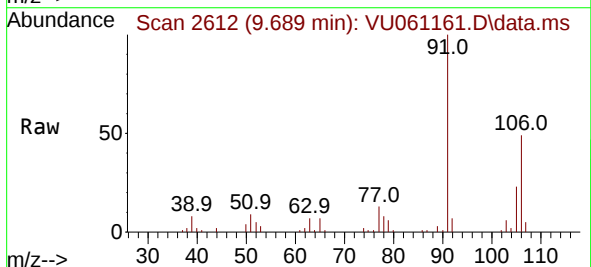
Manual Integrations
APPROVED

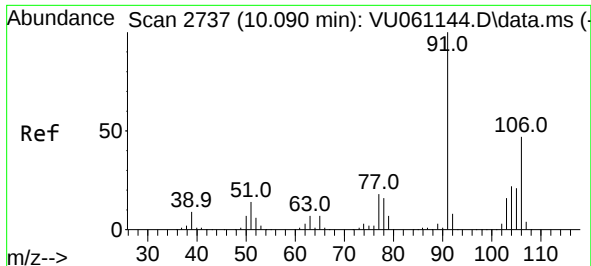
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#64
m/p-Xylenes
Concen: 0.724 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion:106 Resp: 17499
Ion Ratio Lower Upper
106 100
91 205.4 163.3 244.9





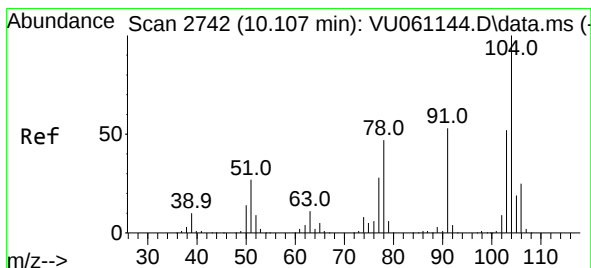
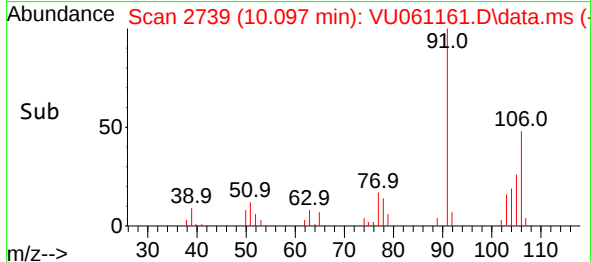
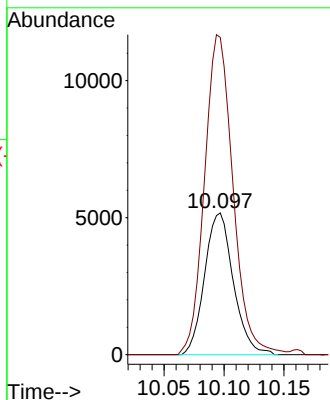
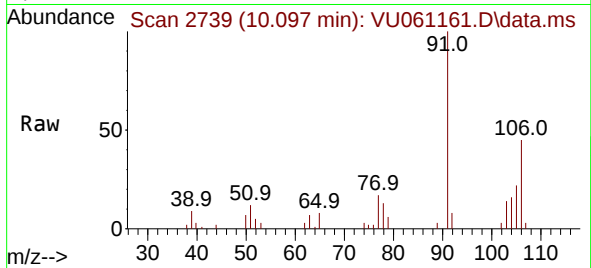
#65
o-Xylene
Concen: 0.362 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:106 Resp: 862
Ion Ratio Lower Upper
106 100
91 223.7 106.9 320.8

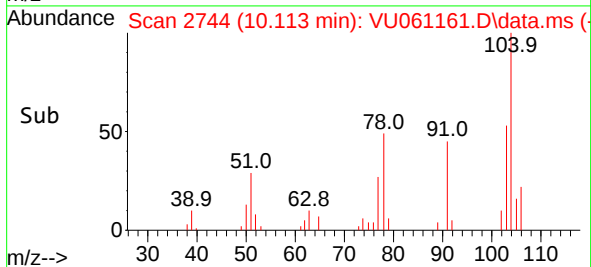
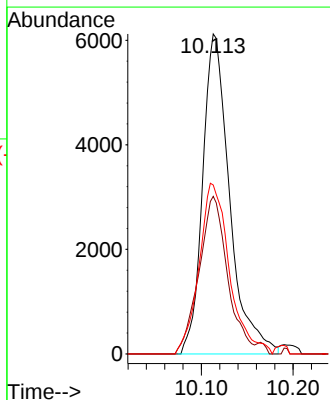
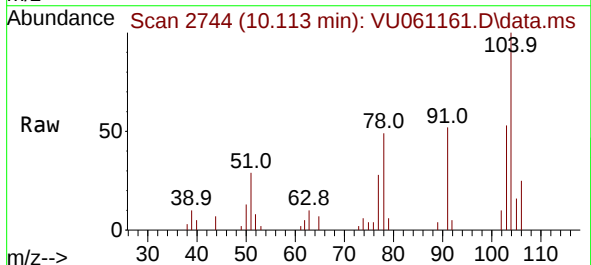
Manual Integrations
APPROVED

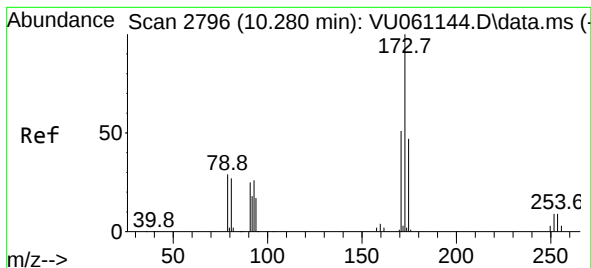
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#66
Styrene
Concen: 0.339 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion:104 Resp: 12539
Ion Ratio Lower Upper
104 100
78 51.9 41.6 62.4
103 59.7 45.0 67.6





#67

Bromoform

Concen: 0.345 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU061161.D

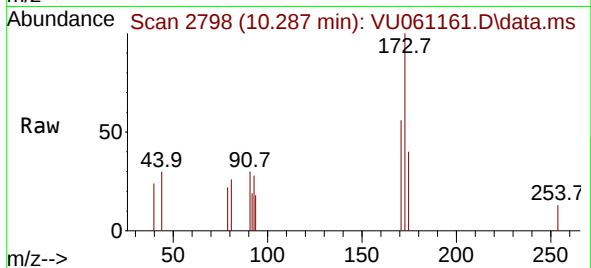
Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

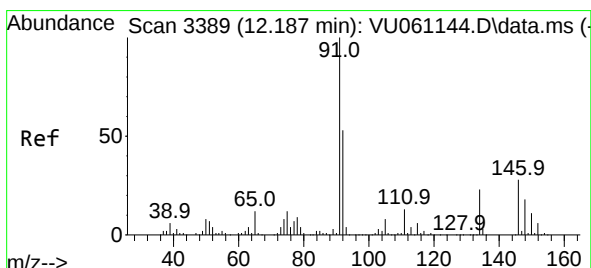
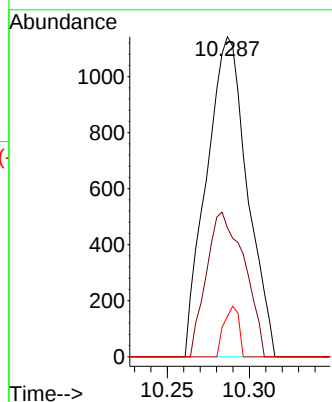
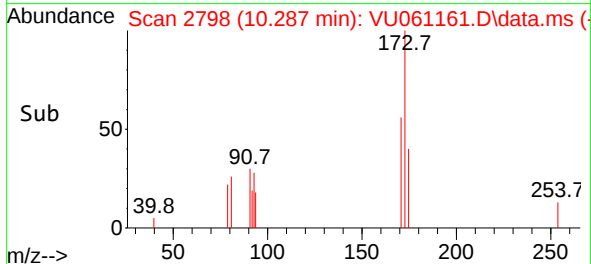


Tgt Ion:	173	Resp:	196
Ion Ratio	Lower	Upper	
173	100		
175	42.1	37.8	56.8
254	5.7	7.0	10.4

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

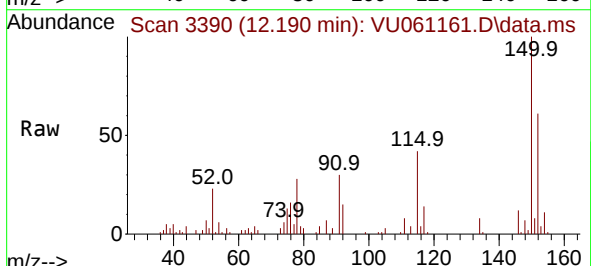
Concen: 0.912 ug/l

RT: 12.190 min Scan# 3390

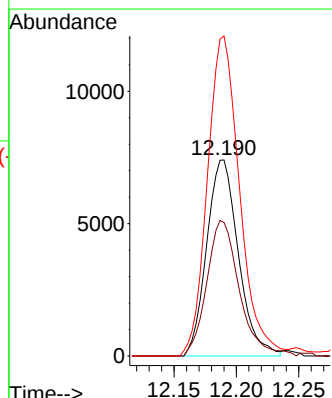
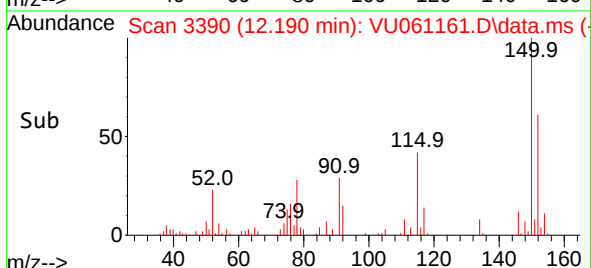
Delta R.T. 0.003 min

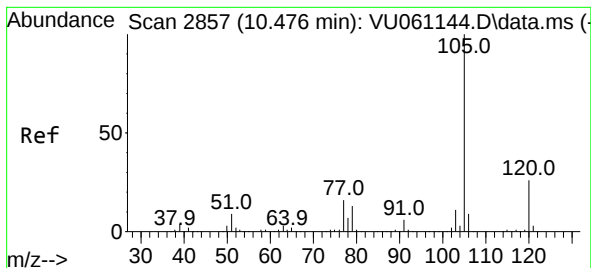
Lab File: VU061161.D

Acq: 18 Oct 2024 13:26



Tgt Ion:	152	Resp:	13108
Ion Ratio	Lower	Upper	
152	100		
115	70.7	0.0	275.0
150	165.9	0.0	668.8





#69

Isopropylbenzene

Concen: 0.361 ug/l

RT: 10.480 min Scan# 20450

Delta R.T. 0.003 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

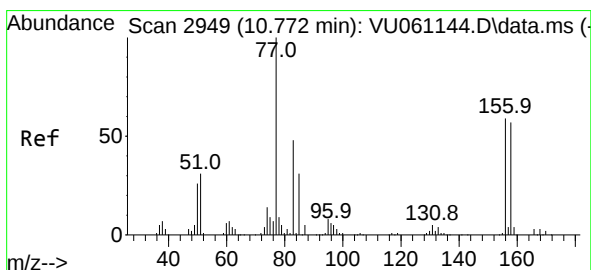
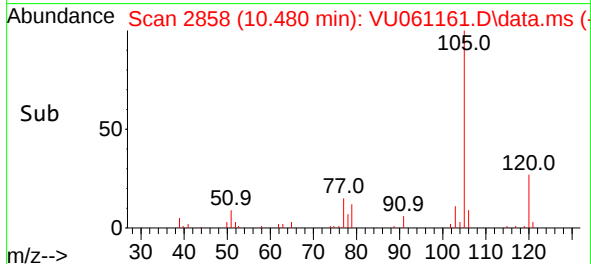
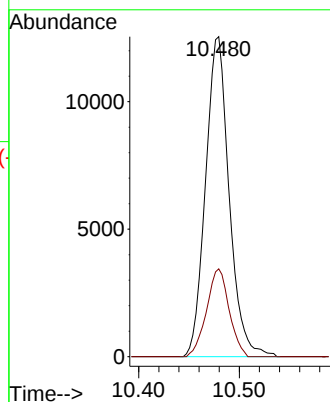
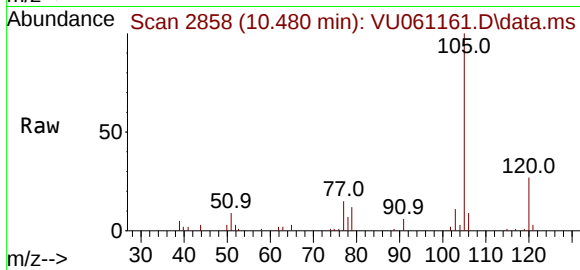
LOQ-WATER-02-QT4-2024

Tgt Ion:	105	Resp:	20450
Ion Ratio	Lower	Upper	
105	100		
120	26.2	13.1	39.1

Manual Integrations

APPROVED

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



#70

1,1,2,2-Tetrachloroethane

Concen: 0.366 ug/l

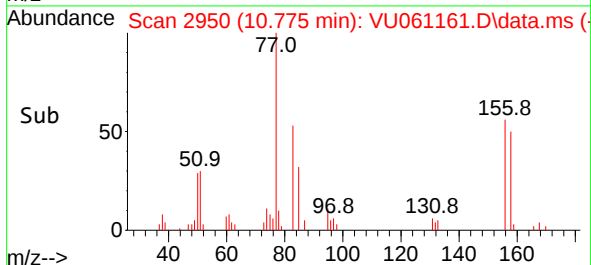
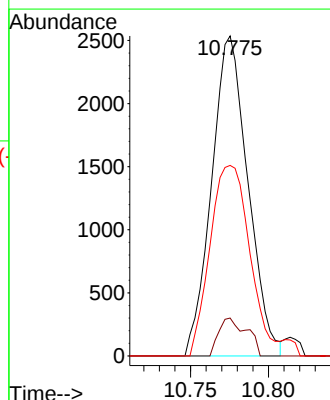
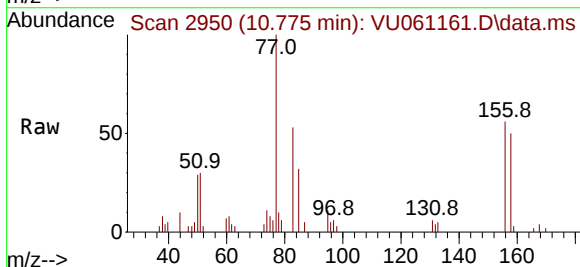
RT: 10.775 min Scan# 2950

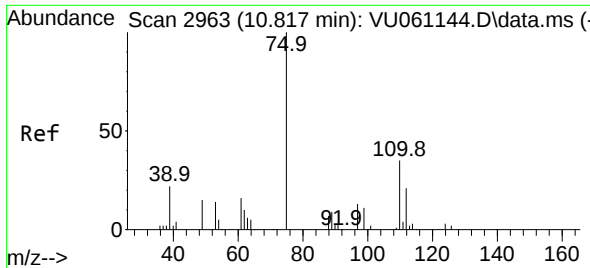
Delta R.T. 0.003 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

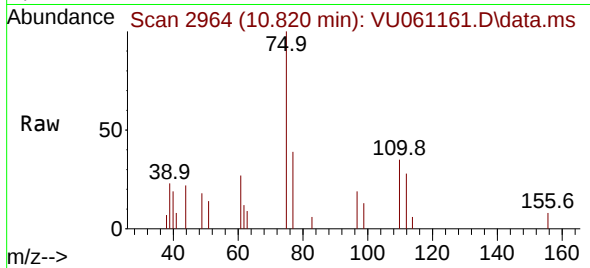
Tgt Ion:	83	Resp:	4109
Ion Ratio	Lower	Upper	
83	100		
131	9.1	7.8	11.8
85	65.2	50.8	76.2





#71
1,2,3-Trichloropropane
Concen: 0.385 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

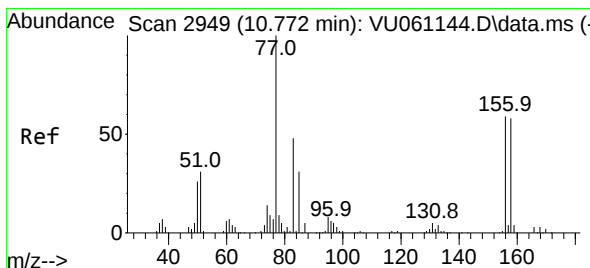
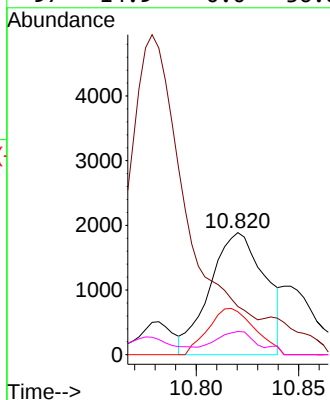
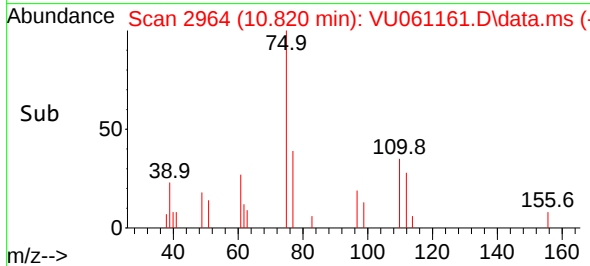
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 351
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 32.1 0.0 68.6
97 14.9 0.0 36.8

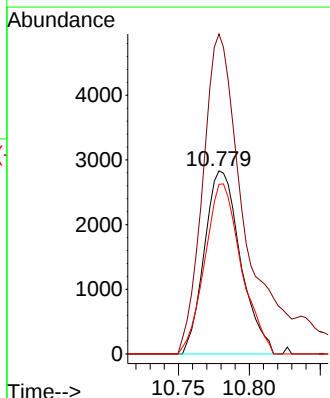
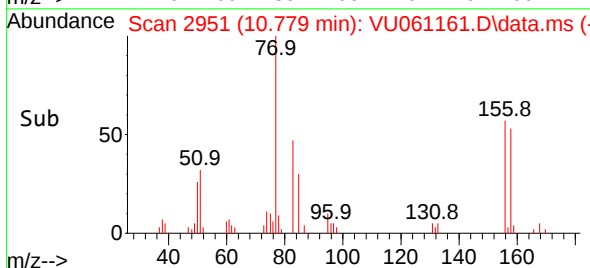
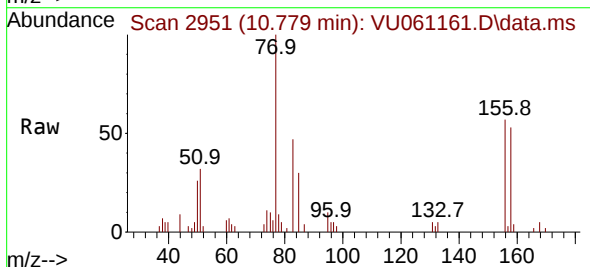
Manual Integrations
APPROVED

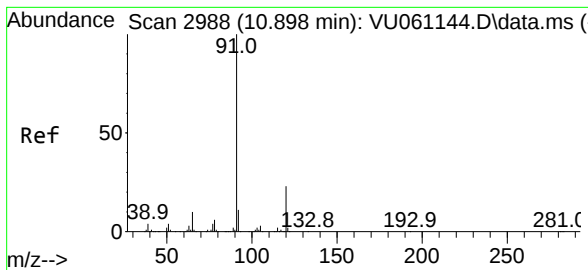
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#72
Bromobenzene
Concen: 0.368 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

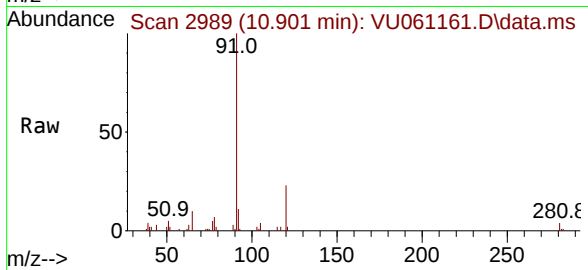
Tgt Ion:156 Resp: 5008
Ion Ratio Lower Upper
156 100
77 199.2 0.0 337.2
158 94.0 0.0 192.8





#73
n-propylbenzene
Concen: 0.358 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

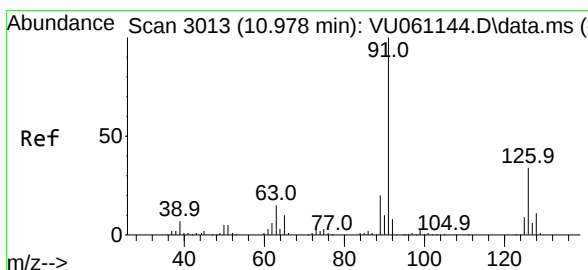
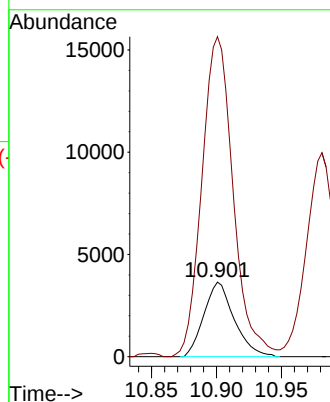
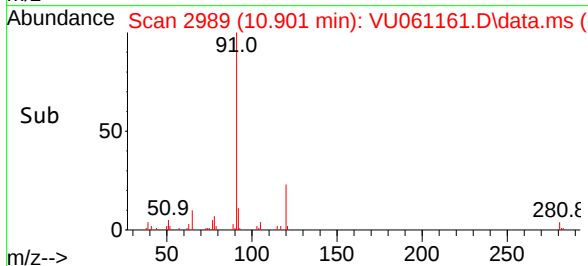
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:120 Resp: 5912
Ion Ratio Lower Upper
120 100
91 443.9 353.6 530.4

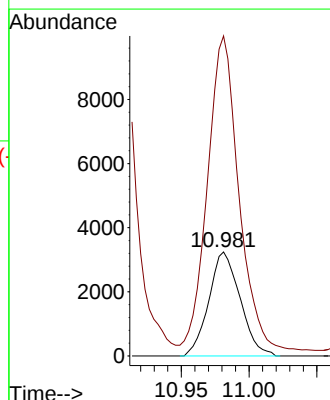
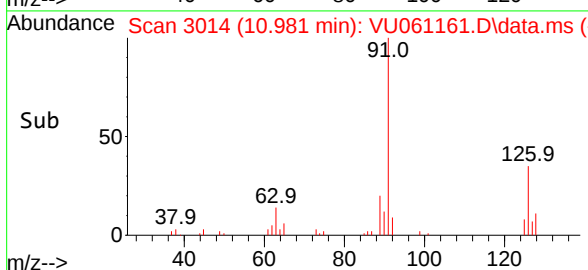
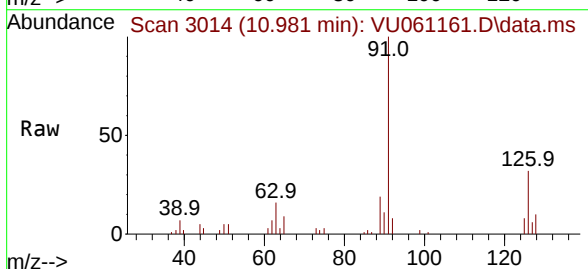
Manual Integrations
APPROVED

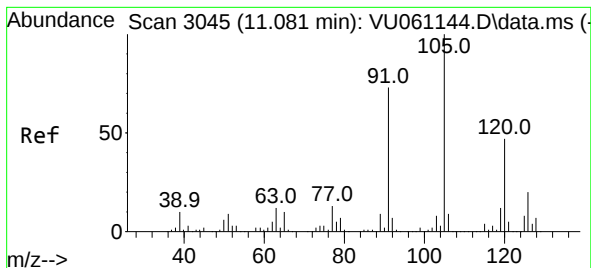
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#74
2-Chlorotoluene
Concen: 0.364 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion:126 Resp: 5202
Ion Ratio Lower Upper
126 100
91 314.8 0.0 595.2





#75

1,3,5-Trimethylbenzene

Concen: 0.345 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 17634

Ion Ratio Lower Upper

105 100

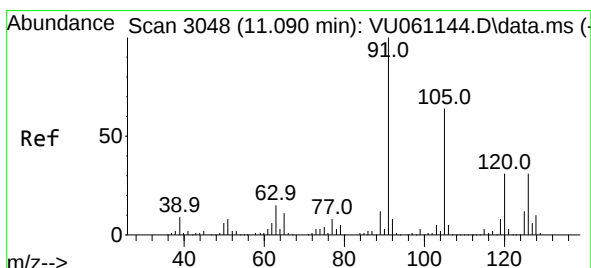
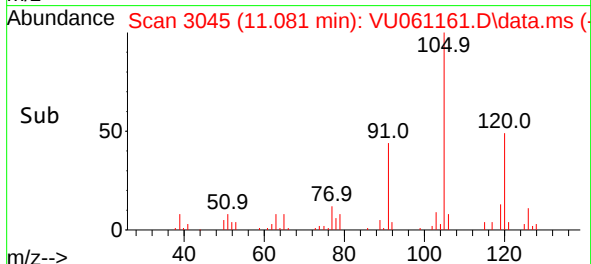
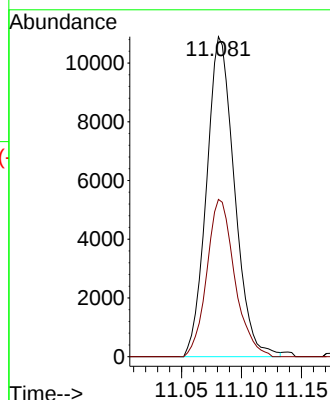
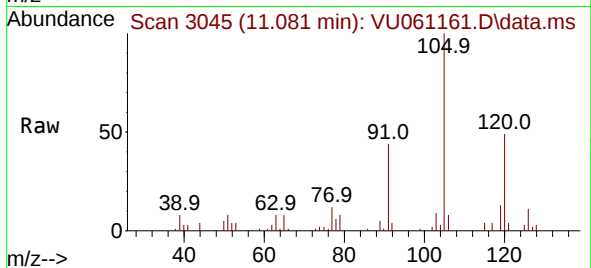
120 49.0 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#76

4-Chlorotoluene

Concen: 0.375 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VU061161.D

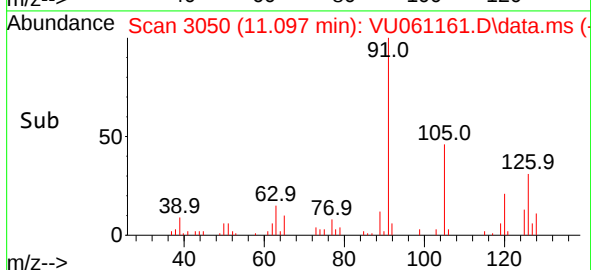
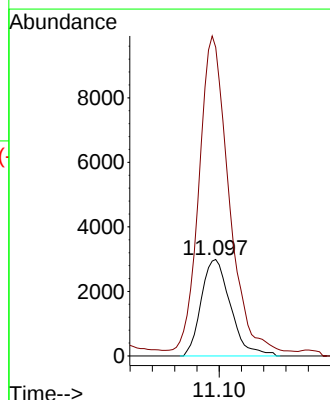
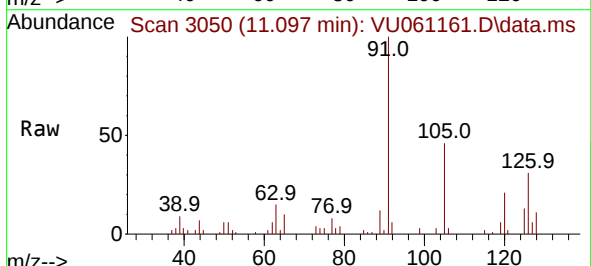
Acq: 18 Oct 2024 13:26

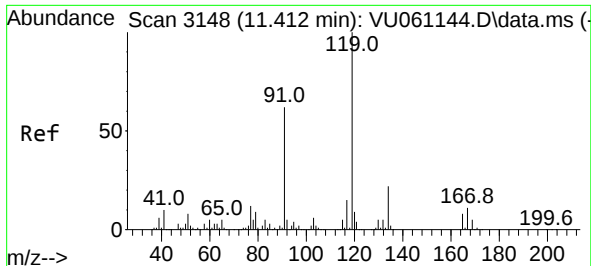
Tgt Ion:126 Resp: 5453

Ion Ratio Lower Upper

126 100

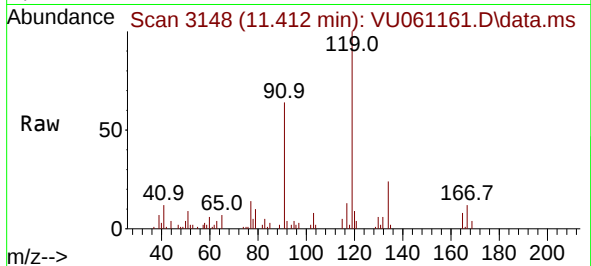
91 333.5 0.0 678.2





#77
tert-Butylbenzene
Concen: 0.360 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

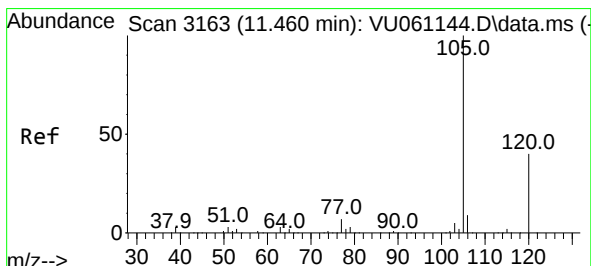
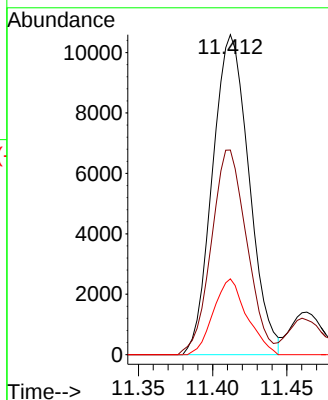
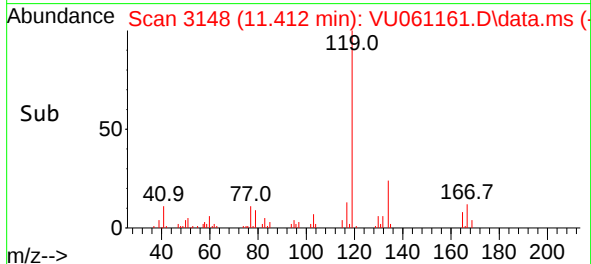
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:119 Resp: 18164
Ion Ratio Lower Upper
119 100
91 62.0 30.1 90.5
134 21.6 17.5 26.3

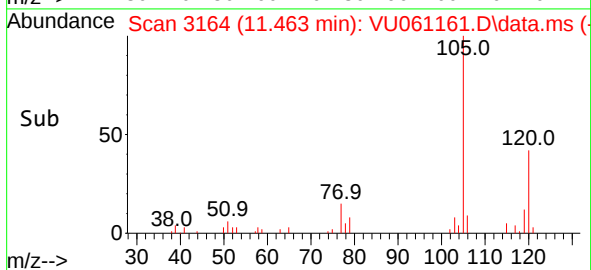
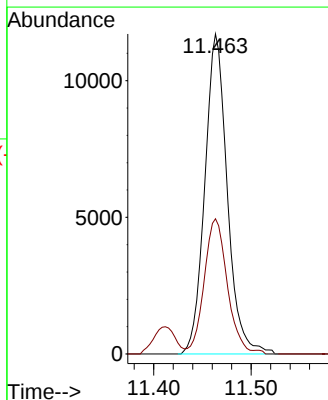
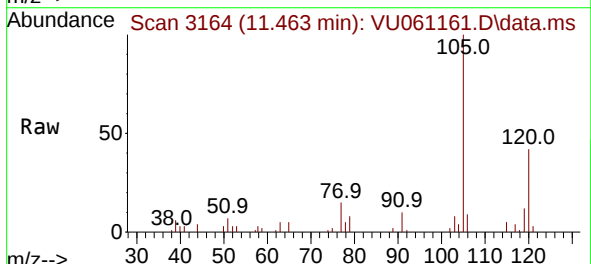
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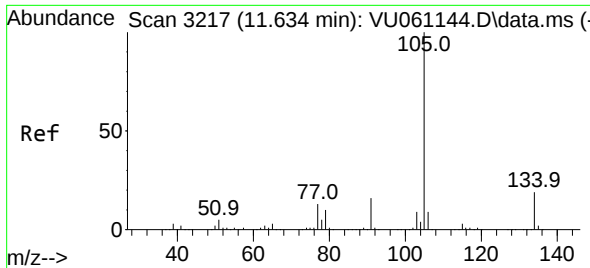
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#78
1,2,4-Trimethylbenzene
Concen: 0.364 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

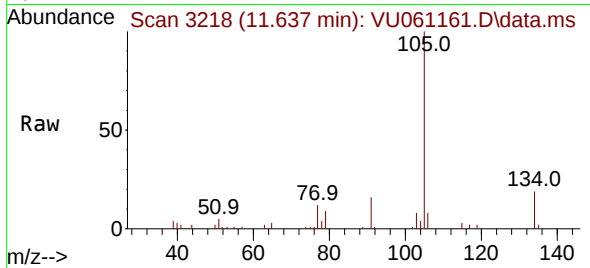
Tgt Ion:105 Resp: 18769
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.9





#79
 sec-Butylbenzene
 Concen: 0.378 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU061161.D
 Acq: 18 Oct 2024 13:26

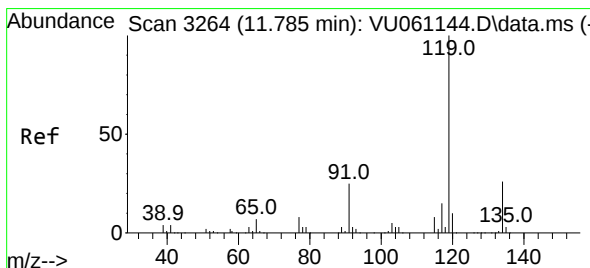
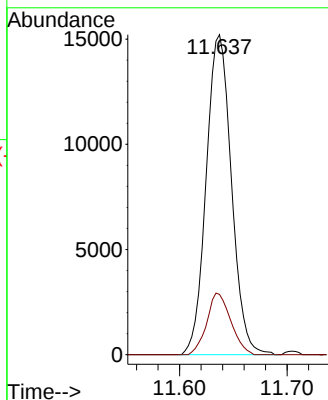
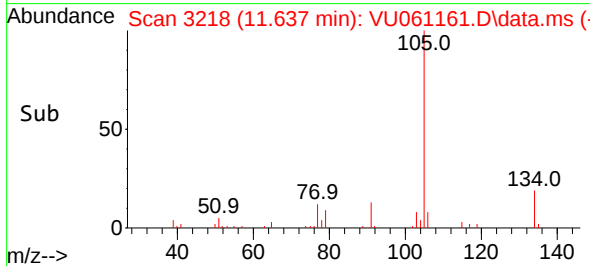
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



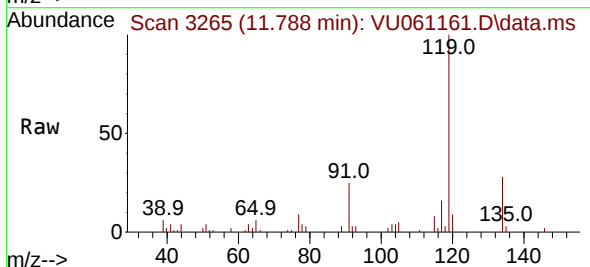
Tgt Ion:105 Resp: 2482
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.5 23.3

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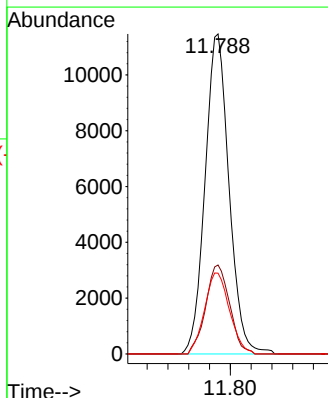
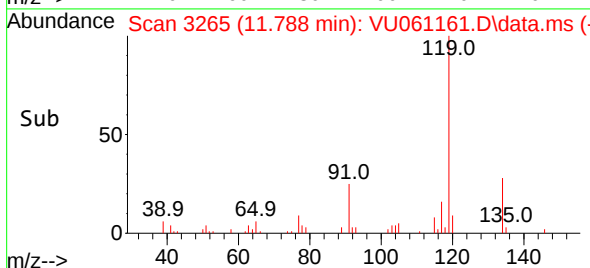
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

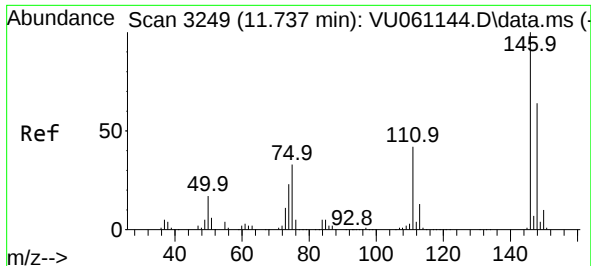


#81
 p-Isopropyltoluene
 Concen: 0.337 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU061161.D
 Acq: 18 Oct 2024 13:26



Tgt Ion:119 Resp: 18357
 Ion Ratio Lower Upper
 119 100
 134 27.7 21.0 31.6
 91 26.3 19.8 29.8





#82

1,3-Dichlorobenzene

Concen: 0.358 ug/l

RT: 11.743 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU061161.D

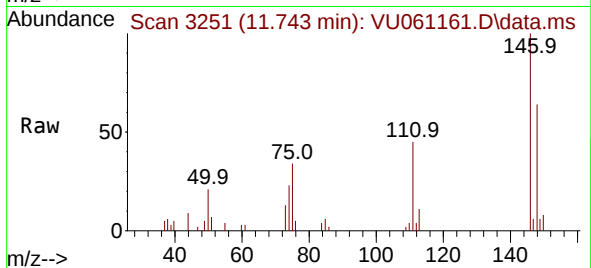
Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:146 Resp: 9350

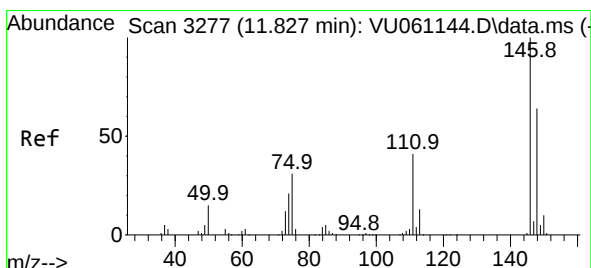
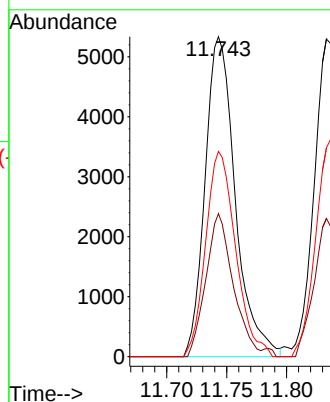
Ion	Ratio	Lower	Upper
146	100		
111	40.4	34.1	51.1
148	63.5	51.2	76.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#83

1,4-Dichlorobenzene

Concen: 0.372 ug/l

RT: 11.833 min Scan# 3279

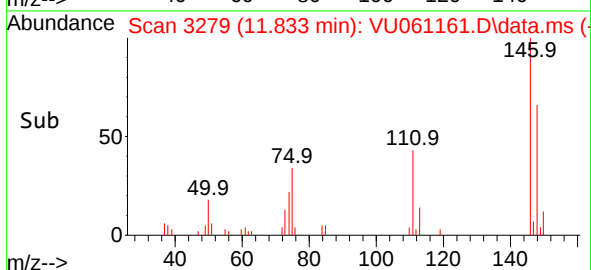
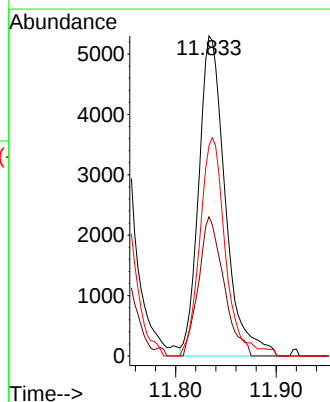
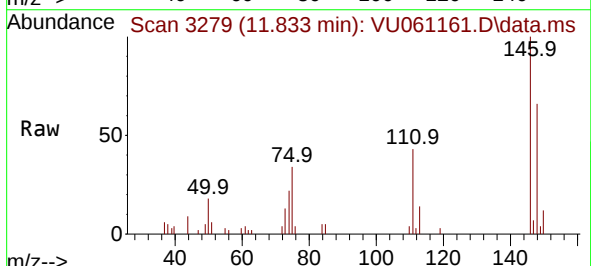
Delta R.T. 0.006 min

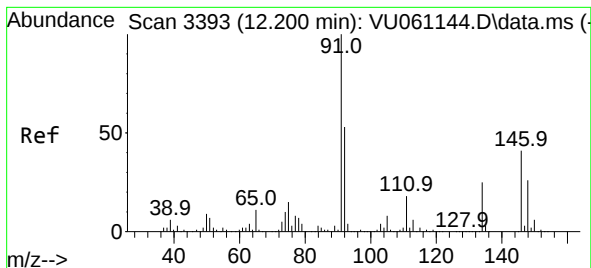
Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Tgt Ion:146 Resp: 9706

Ion	Ratio	Lower	Upper
146	100		
111	41.3	32.1	48.1
148	65.8	50.3	75.5





#84

n-Butylbenzene

Concen: 0.359 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

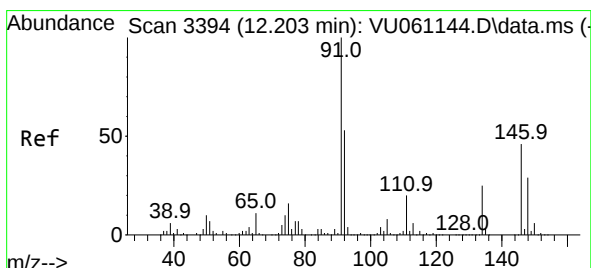
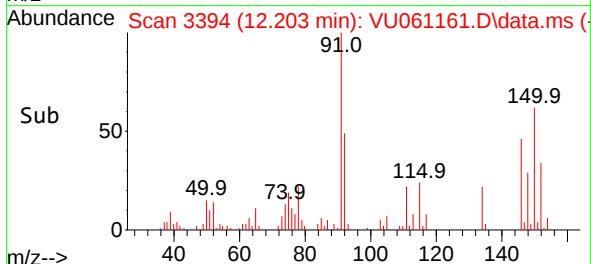
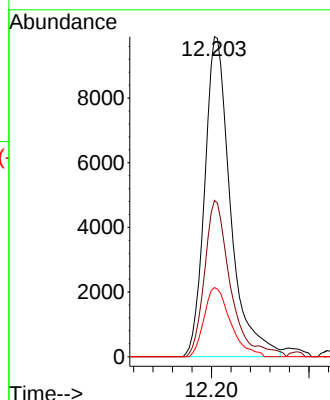
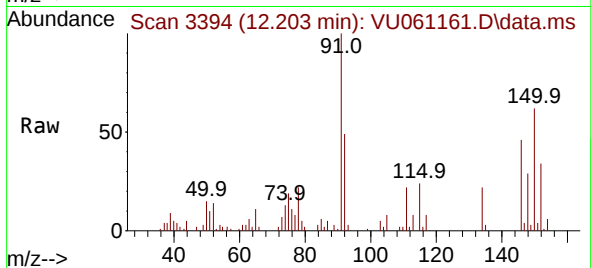
LOQ-WATER-02-QT4-2024

Tgt Ion: 91	Resp: 1814
Ion Ratio	Lower Upper
91	100
92	49.0 41.8 62.8
134	22.1 19.7 29.5

Manual Integrations

APPROVED

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



#85

1,2-Dichlorobenzene

Concen: 0.375 ug/l

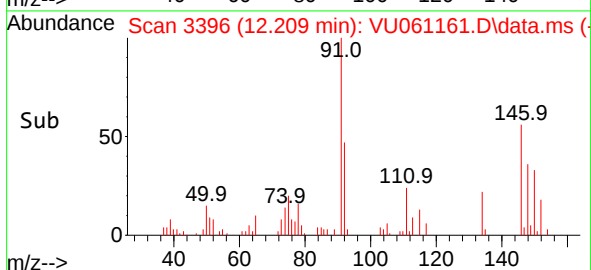
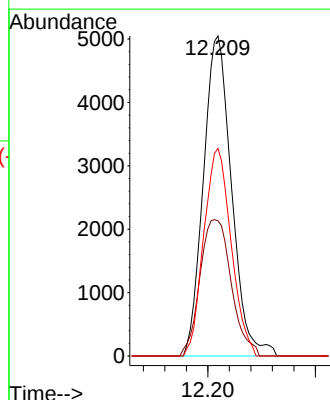
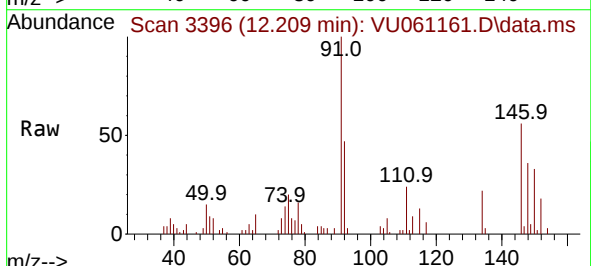
RT: 12.209 min Scan# 3396

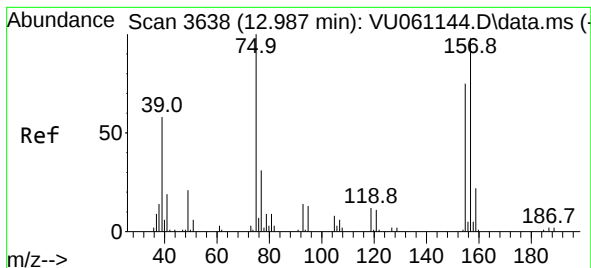
Delta R.T. 0.006 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

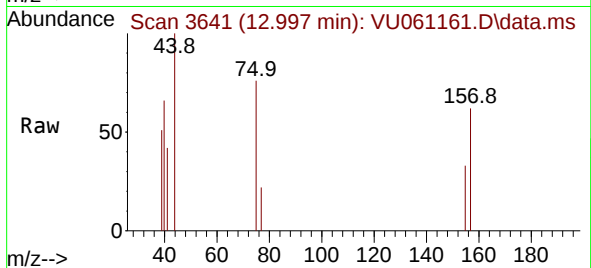
Tgt Ion:146	Resp: 9168
Ion Ratio	Lower Upper
146	100
111	47.4 21.9 65.7
148	63.1 31.9 95.5





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.346 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.010 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

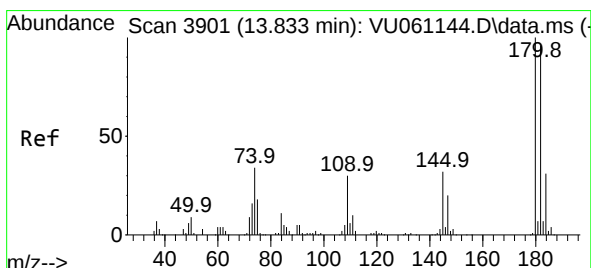
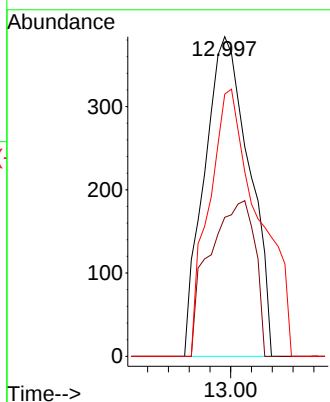
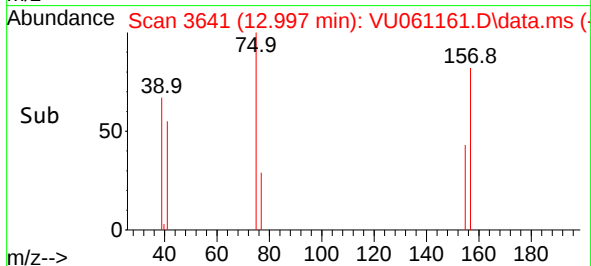
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 570
Ion Ratio Lower Upper
75 100
155 49.3 61.4 92.0
157 92.4 78.5 117.7

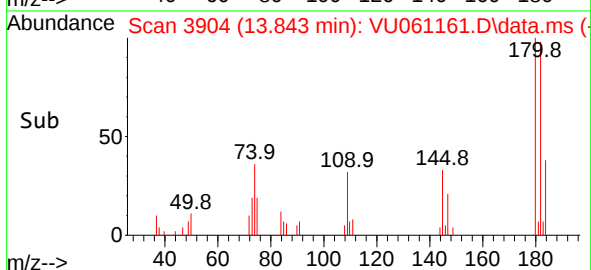
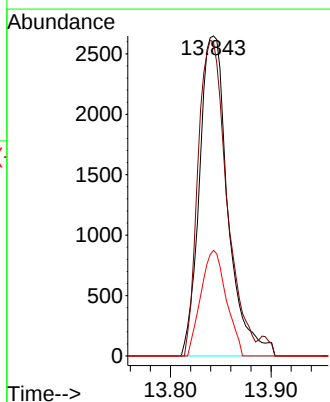
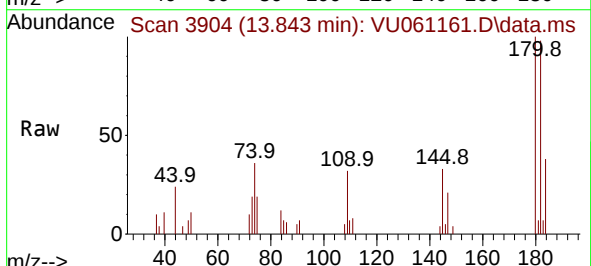
Manual Integrations
APPROVED

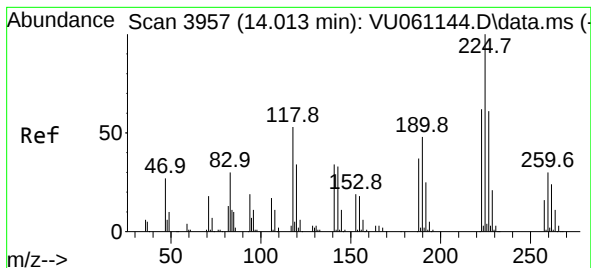
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#87
1,2,4-Trichlorobenzene
Concen: 0.372 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU061161.D
Acq: 18 Oct 2024 13:26

Tgt Ion:180 Resp: 5201
Ion Ratio Lower Upper
180 100
182 99.7 77.0 115.6
145 29.4 25.7 38.5





#88

Hexachlorobutadiene

Concen: 0.390 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

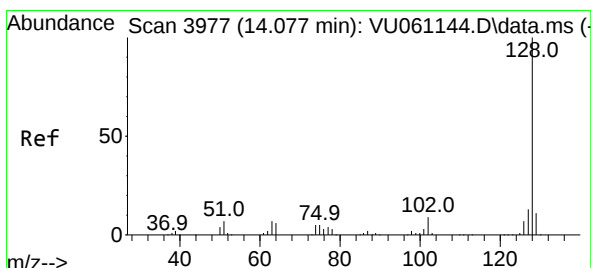
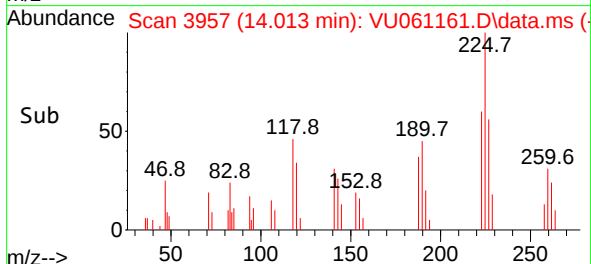
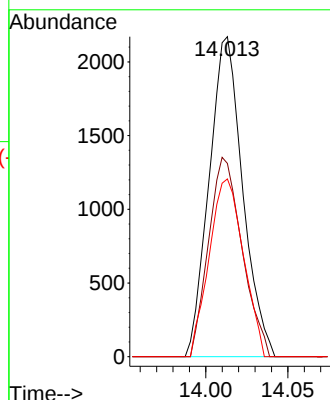
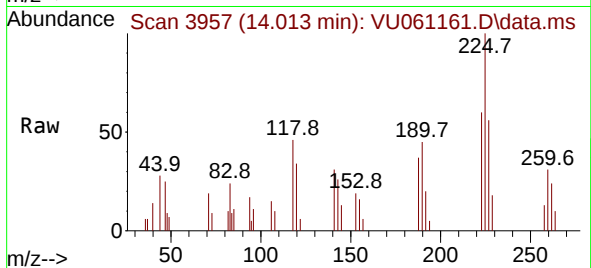
LOQ-WATER-02-QT4-2024

Tgt Ion:	225	Resp:	308
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.4	77.2
227	56.6	50.3	75.5

Manual Integrations

APPROVED

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



#89

Naphthalene

Concen: 0.425 ug/l

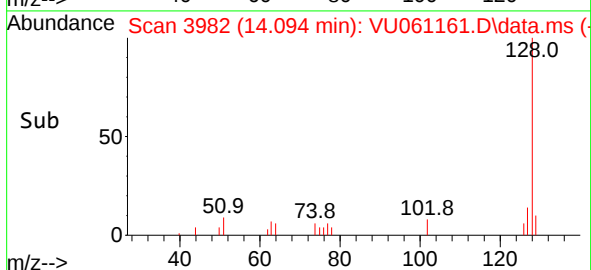
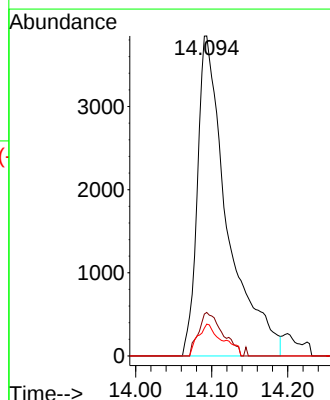
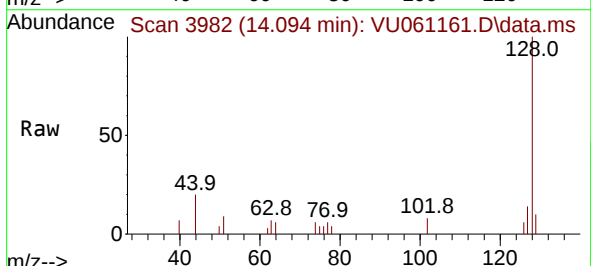
RT: 14.094 min Scan# 3982

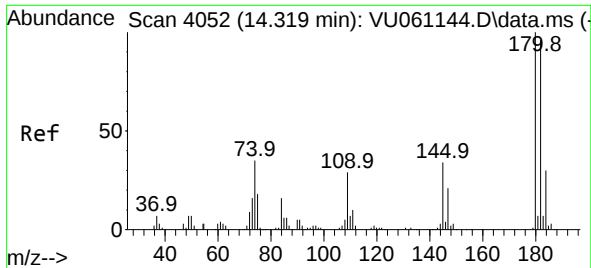
Delta R.T. 0.016 min

Lab File: VU061161.D

Acq: 18 Oct 2024 13:26

Tgt Ion:	128	Resp:	10490
Ion Ratio	Lower	Upper	
128	100		
127	11.0	10.6	16.0
129	8.2	8.7	13.1





#90

1,2,3-Trichlorobenzene

Concen: 0.428 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.006 min

Lab File: VU061161.D

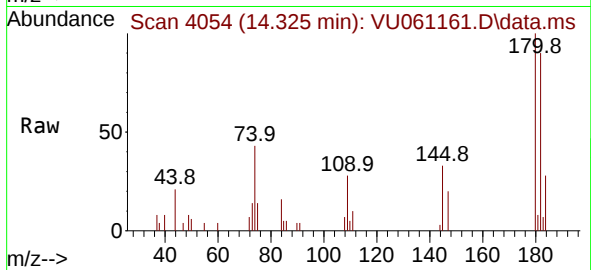
Acq: 18 Oct 2024 13:26

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:180 Resp: 5370

Ion Ratio Lower Upper

180 100

182 89.8 76.2 114.4

145 33.3 26.8 40.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024

