

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
 Data File : VU061173.D
 Acq On : 21 Oct 2024 15:42
 Operator : MD/SY
 Sample : P4368-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Oct 22 01:37:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 22 01:35:52 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	26488	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13115	0.932	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13185	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	3258	0.223	ug/l	99
3) Chloromethane	1.515	50	4045	0.291	ug/l	93
4) Vinyl Chloride	1.602	62	3766	0.264	ug/l	98
5) Bromomethane	1.853	94	2337	0.261	ug/l	99
6) Chloroethane	1.930	64	2522	0.264	ug/l	# 84
7) Trichlorofluoromethane	2.133	101	4791	0.236	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	2478	0.246	ug/l	95
9) 1,1-Dichloroethene	2.576	96	2733	0.260	ug/l	89
10) Iodomethane	2.715	142	2570	0.205	ug/l	94
11) Allyl Chloride	2.920	41	3624	0.268	ug/l	91
12) Acrylonitrile	3.358	53	739m	0.350	ug/l	
13) Acetone	2.650	43	4494	1.630	ug/l	97
14) Carbon Disulfide	2.789	76	9211	0.254	ug/l	100
15) Methylene Chloride	3.043	84	3795	0.279	ug/l	99
16) trans-1,2-Dichloroethene	3.354	96	3066	0.249	ug/l	92
17) 1,1-Dichloroethane	3.862	63	5566	0.255	ug/l	# 94
18) 2-Butanone	4.769	43	4360m	1.292	ug/l	
19) Cyclohexane	5.380	56	4506m	0.230	ug/l	
20) Methylcyclohexane	6.756	83	5193	0.238	ug/l	95
21) 2,2-Dichloropropane	4.660	77	5021	0.249	ug/l	95
22) cis-1,2-Dichloroethene	4.666	96	3299	0.246	ug/l	98
23) Diethyl Ether	2.374	59	1808	0.221	ug/l	94
24) tert-Butyl Alcohol	3.242	59	1784m	2.094	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	6759	0.240	ug/l	# 90
26) Bromochloromethane	4.978	128	1306	0.233	ug/l	95
27) Chloroform	5.081	83	6396	0.279	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	4637	0.230	ug/l	95
29) 1,1-Dichloropropene	5.522	75	4040	0.226	ug/l	96
30) Carbon Tetrachloride	5.518	117	4078	0.233	ug/l	# 87
31) Isopropyl Ether	3.988	45	7545	0.242	ug/l	98
32) Ethyl-t-butyl ether	4.489	59	7701	0.240	ug/l	94
33) Tert-Amyl methyl ether	5.936	73	6922	0.240	ug/l	97
34) Propionitrile	4.850	54	415m	0.515	ug/l	
35) Benzene	5.772	78	12078	0.240	ug/l	93
36) 1,2-Dichloroethane	5.798	62	3417	0.241	ug/l	# 76
37) Trichloroethene	6.544	130	3284	0.245	ug/l	99
38) 1,2-Dichloropropane	6.788	63	3227	0.253	ug/l	# 88
41) Tetrahydrofuran	5.075	42	799m	0.459	ug/l	
42) 1-Chlorobutane	5.454	56	5773	0.252	ug/l	96
43) Dibromomethane	6.920	93	1516	0.230	ug/l	90
44) Bromodichloromethane	7.103	83	3890	0.242	ug/l	# 89
45) 4-Methyl-2-Pentanone	7.795	43	7943	1.198	ug/l	95
46) t-1,4-Dichloro-2-butene	10.833	75	1375m	0.520	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
 Data File : VU061173.D
 Acq On : 21 Oct 2024 15:42
 Operator : MD/SY
 Sample : P4368-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2024

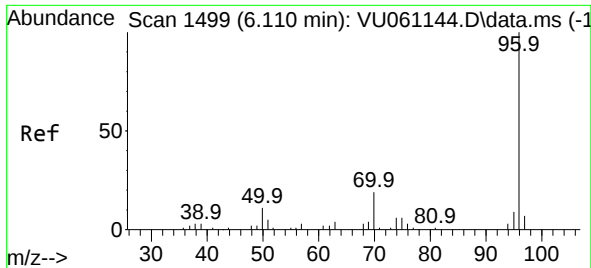
Manual Integrations
 APPROVED

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

Quant Time: Oct 22 01:37:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 22 01:35:52 2024
 Response via : Initial Calibration

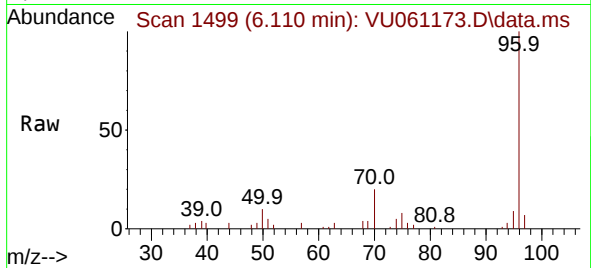
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.972	69	2546	0.444	ug/l #	93
48) Ethyl methacrylate	8.338	69	2777	0.227	ug/l	94
49) Toluene	7.968	92	8028	0.253	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	3393	0.219	ug/l	95
51) cis-1,3-Dichloropropene	7.615	75	4320	0.227	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	2155	0.242	ug/l	92
53) 1,3-Dichloropropane	8.570	76	4014	0.257	ug/l	90
54) 2-Hexanone	8.695	43	6825m	1.253	ug/l	
55) Dibromochloromethane	8.804	129	2279	0.217	ug/l	87
56) 1,2-Dibromoethane	8.917	107	2094	0.245	ug/l	95
58) Tetrachloroethene	8.550	164	2874	0.253	ug/l	89
59) Chlorobenzene	9.447	112	8550	0.250	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	2600	0.225	ug/l	92
61) Pentachloroethane	11.422	117	2016	0.228	ug/l	98
63) Ethyl Benzene	9.566	91	14798	0.241	ug/l	100
64) m/p-Xylenes	9.692	106	11738	0.503	ug/l	93
65) o-Xylene	10.097	106	5567	0.242	ug/l	93
66) Styrene	10.116	104	7988	0.224	ug/l	97
67) Bromoform	10.283	173	1184	0.215	ug/l #	84
69) Isopropylbenzene	10.480	105	12974	0.237	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.779	83	2652	0.245	ug/l	93
71) 1,2,3-Trichloropropane	10.820	75	2503m	0.284	ug/l	
72) Bromobenzene	10.782	156	3247	0.247	ug/l	96
73) n-propylbenzene	10.901	120	3674	0.230	ug/l	98
74) 2-Chlorotoluene	10.984	126	3307	0.240	ug/l	87
75) 1,3,5-Trimethylbenzene	11.081	105	11649	0.236	ug/l	99
76) 4-Chlorotoluene	11.100	126	3326	0.237	ug/l	93
77) tert-Butylbenzene	11.412	119	11692	0.240	ug/l	100
78) 1,2,4-Trimethylbenzene	11.467	105	11958	0.240	ug/l	93
79) sec-Butylbenzene	11.637	105	14752	0.233	ug/l	99
81) p-Isopropyltoluene	11.788	119	11700	0.223	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	6226	0.247	ug/l	98
83) 1,4-Dichlorobenzene	11.840	146	6306	0.251	ug/l	99
84) n-Butylbenzene	12.206	91	11083	0.227	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	5955	0.253	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.007	75	338	0.211	ug/l #	85
87) 1,2,4-Trichlorobenzene	13.846	180	3251	0.241	ug/l	98
88) Hexachlorobutadiene	14.016	225	1830	0.240	ug/l	95
89) Naphthalene	14.100	128	7006	0.294	ug/l	95
90) 1,2,3-Trichlorobenzene	14.328	180	3290	0.272	ug/l	97

(#) = 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: VU061173.D
Acq: 21 Oct 2024 15:42

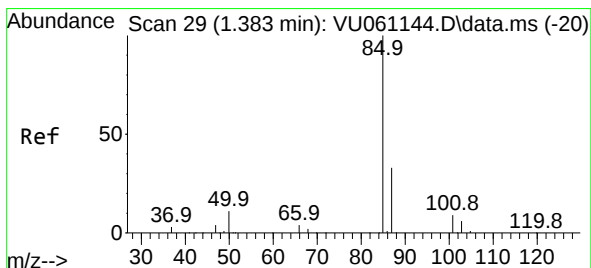
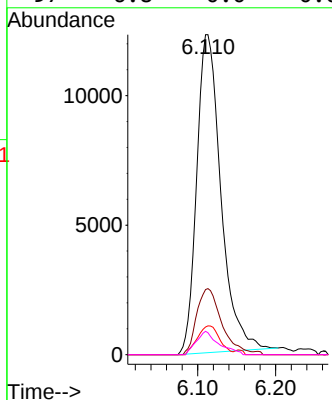
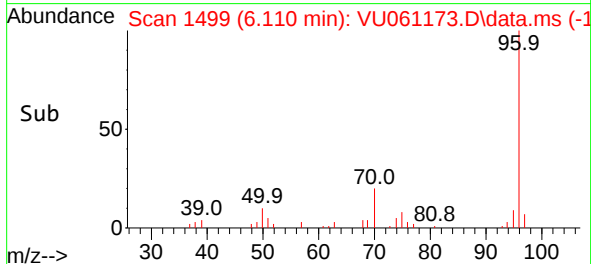
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:	96	Resp:	2648
Ion Ratio	Lower	Upper	
96	100		
70	20.3	16.1	24.1
95	7.6	0.0	0.0
97	6.8	0.0	0.0

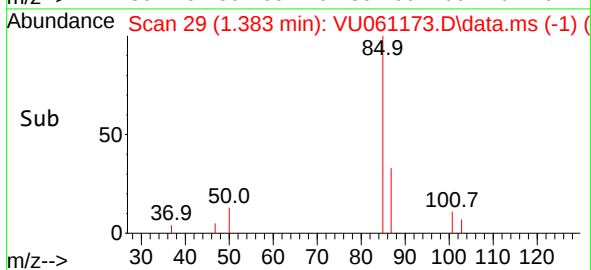
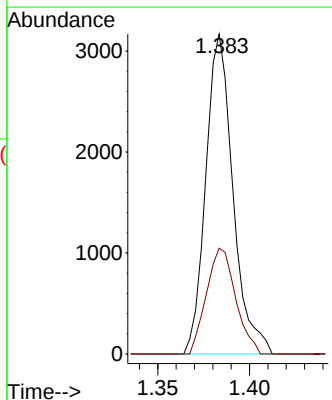
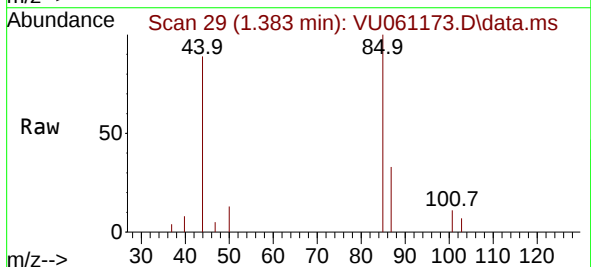
Manual Integrations
APPROVED

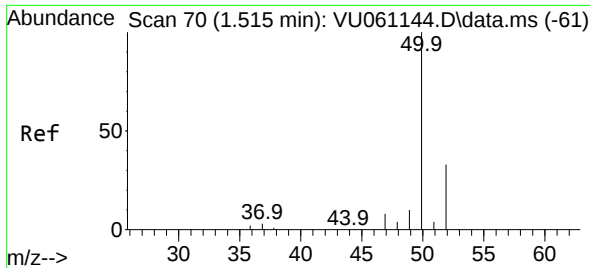
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#2
Dichlorodifluoromethane
Concen: 0.223 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

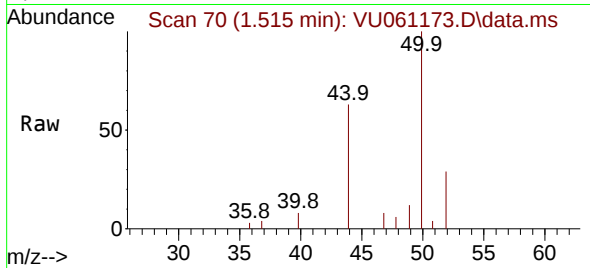
Tgt Ion:	85	Resp:	3258
Ion Ratio	Lower	Upper	
85	100		
87	33.1	16.3	48.9





#3
Chloromethane
Concen: 0.291 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

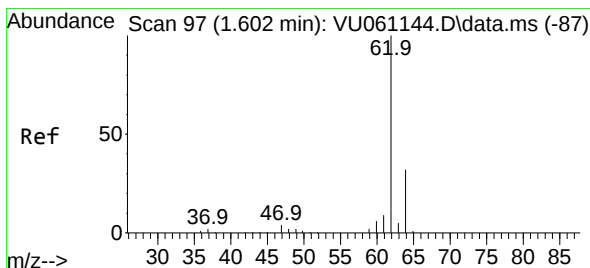
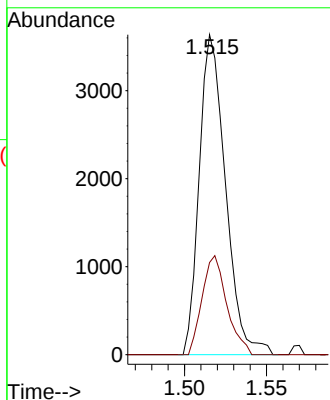
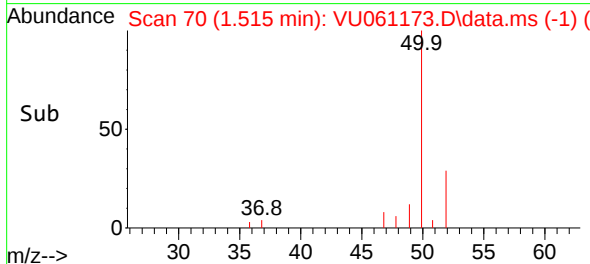
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 50 Resp: 404
Ion Ratio Lower Upper
50 100
52 28.8 26.2 39.2

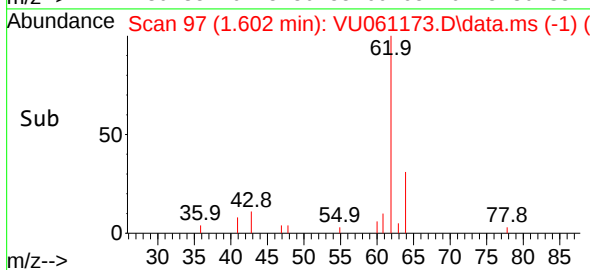
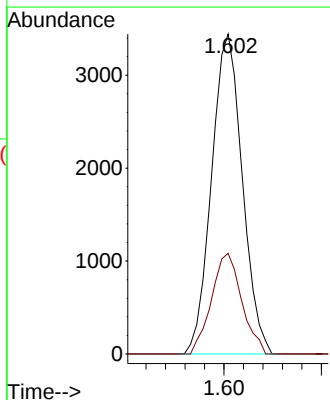
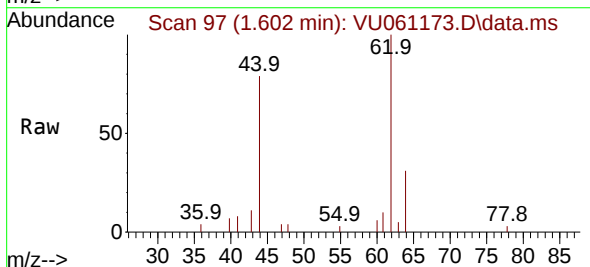
Manual Integrations
APPROVED

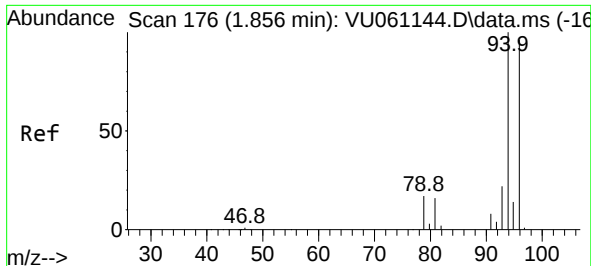
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#4
Vinyl Chloride
Concen: 0.264 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

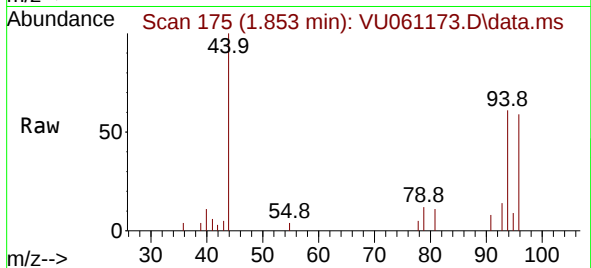
Tgt Ion: 62 Resp: 3766
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9





#5
Bromomethane
Concen: 0.261 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

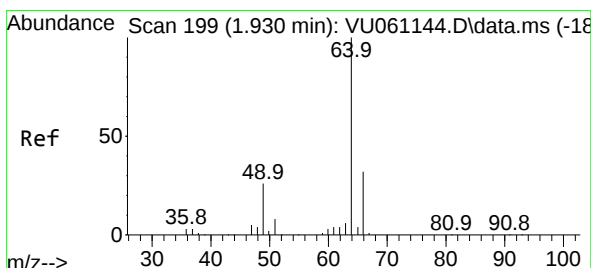
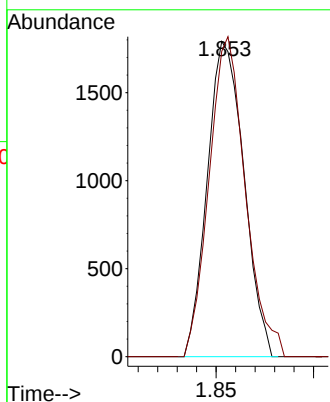
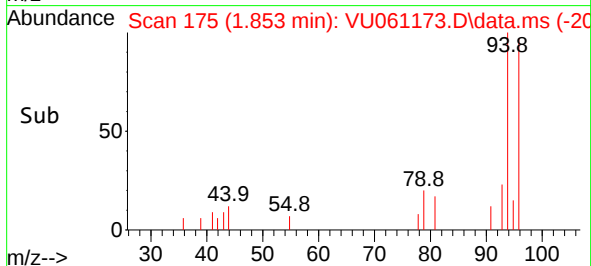
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 96.8 76.5 114.7

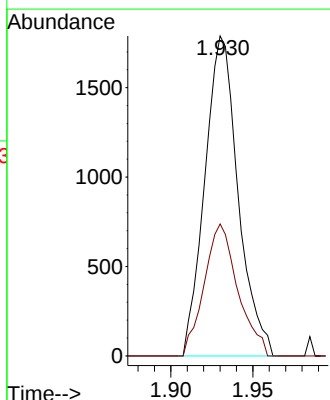
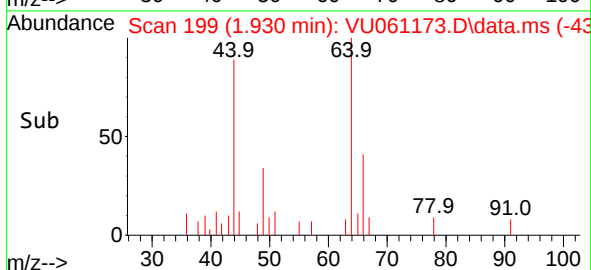
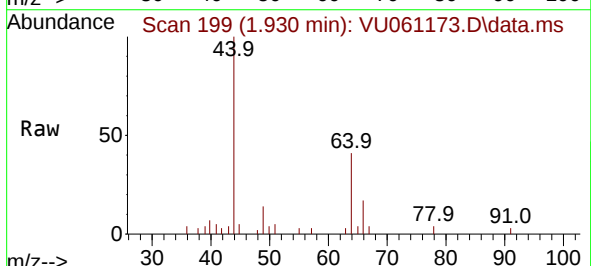
Manual Integrations
APPROVED

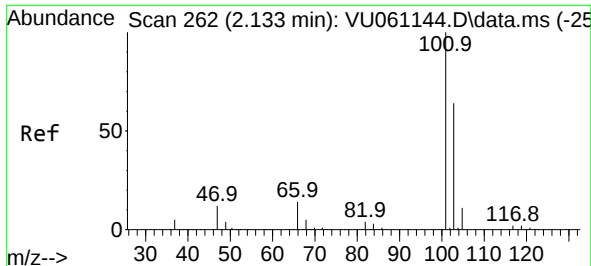
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#6
Chloroethane
Concen: 0.264 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

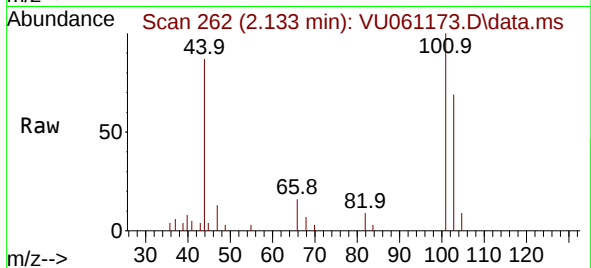
Tgt Ion: 64 Resp: 2522
Ion Ratio Lower Upper
64 100
66 41.3 25.8 38.8#





#7
Trichlorofluoromethane
Concen: 0.236 ug/l
RT: 2.133 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

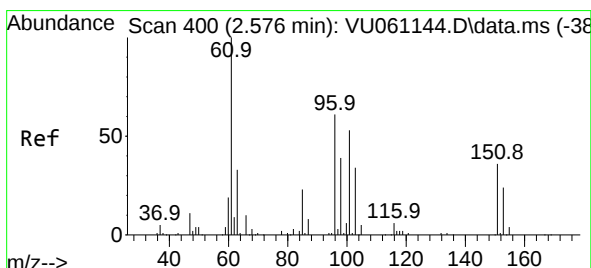
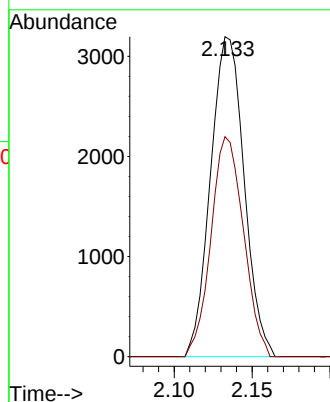
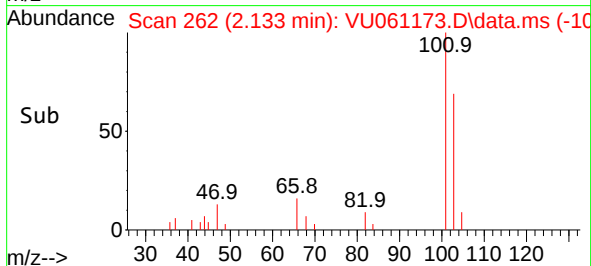
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



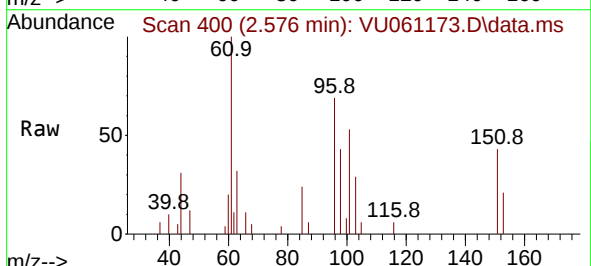
Tgt Ion:101 Resp: 479
Ion Ratio Lower Upper
101 100
103 68.8 51.5 77.3

Manual Integrations
APPROVED

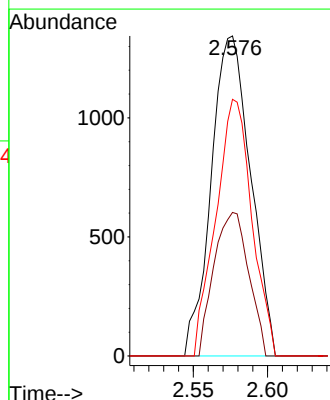
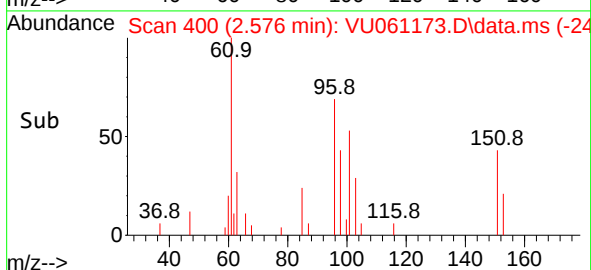
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

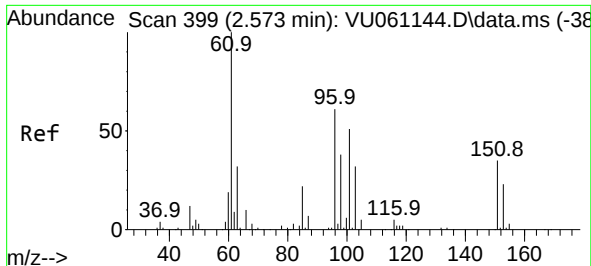


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.246 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



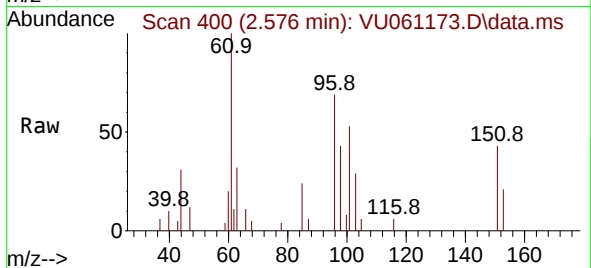
Tgt Ion:101 Resp: 2478
Ion Ratio Lower Upper
101 100
85 39.5 35.8 53.8
151 73.3 56.2 84.4





#9
1,1-Dichloroethene
Concen: 0.260 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

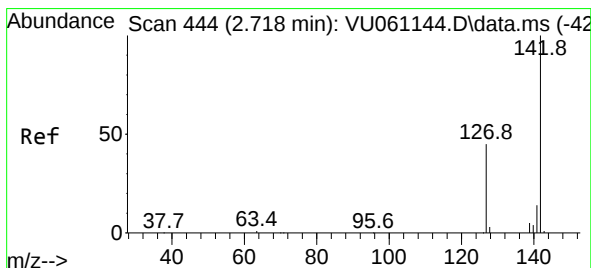
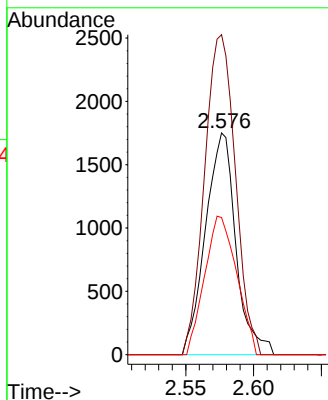
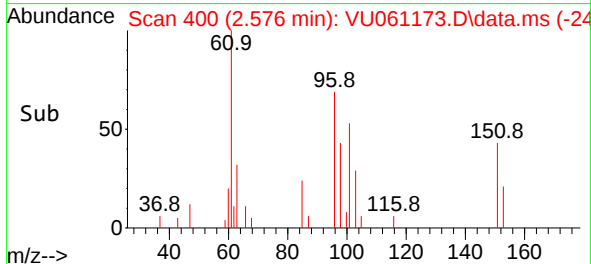
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



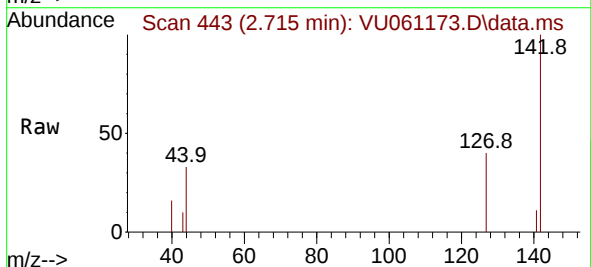
Tgt Ion: 96 Resp: 273
Ion Ratio Lower Upper
96 100
61 144.3 0.0 494.4
98 61.9 0.0 124.4

Manual Integrations
APPROVED

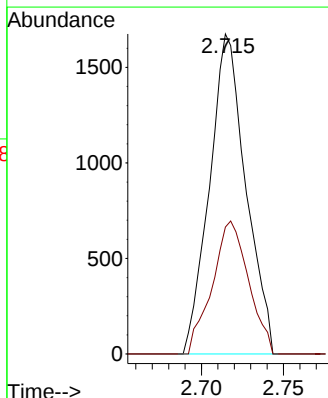
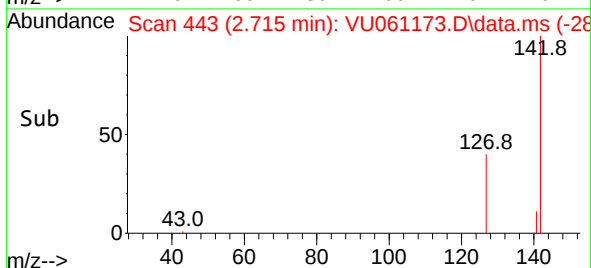
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

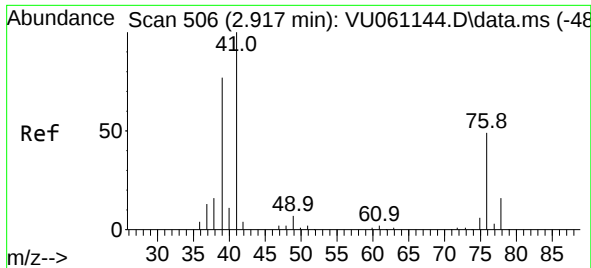


#10
Iodomethane
Concen: 0.205 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



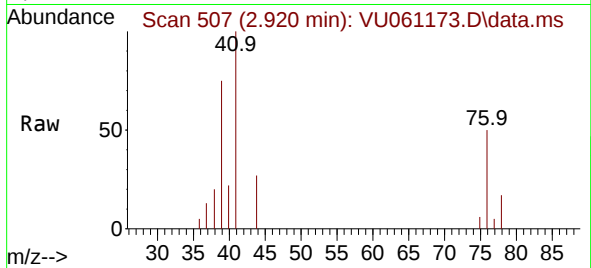
Tgt Ion:142 Resp: 2570
Ion Ratio Lower Upper
142 100
127 41.7 36.2 54.4





#11
 Allyl Chloride
 Concen: 0.268 ug/l
 RT: 2.920 min Scan# 506
 Delta R.T. 0.003 min
 Lab File: VU061173.D
 Acq: 21 Oct 2024 15:42

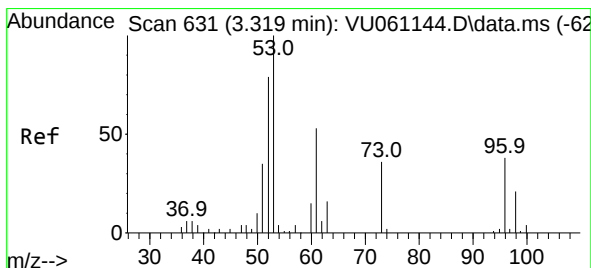
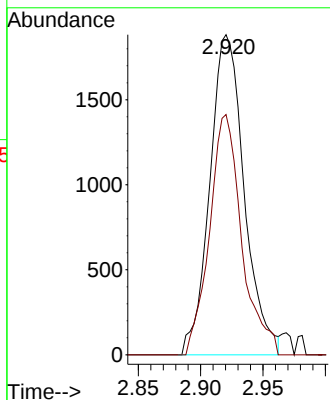
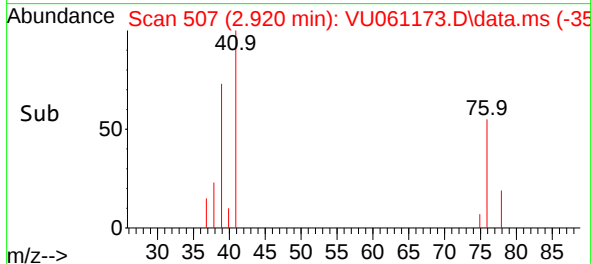
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2024



Tgt Ion: 41 Resp: 3624
 Ion Ratio Lower Upper
 41 100
 39 70.0 62.4 93.6

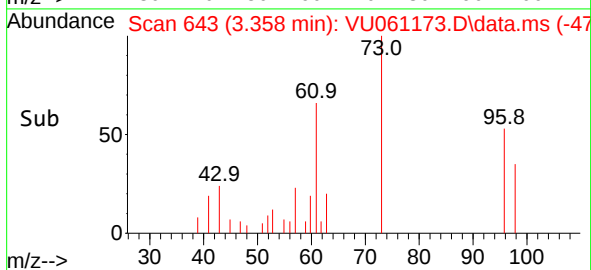
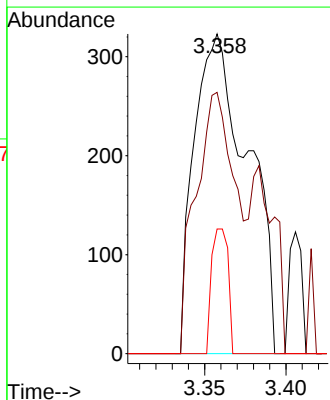
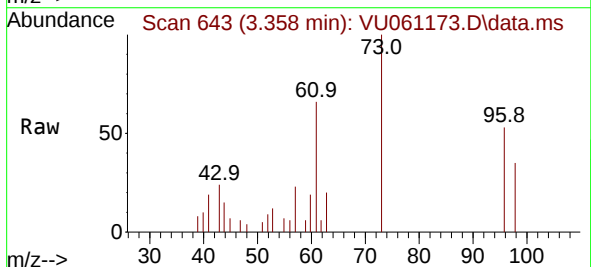
Manual Integrations
 APPROVED

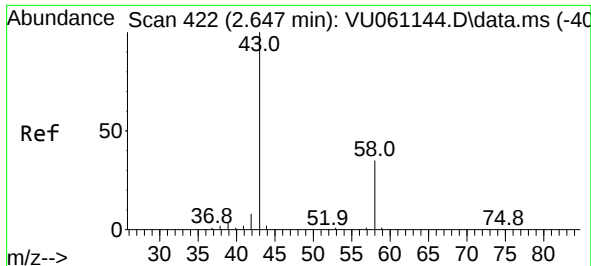
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#12
 Acrylonitrile
 Concen: 0.350 ug/l m
 RT: 3.358 min Scan# 643
 Delta R.T. 0.039 min
 Lab File: VU061173.D
 Acq: 21 Oct 2024 15:42

Tgt Ion: 53 Resp: 739
 Ion Ratio Lower Upper
 53 100
 52 59.5 62.6 94.0#
 51 12.0 30.7 46.1#





#13

Acetone

Concen: 1.630 ug/l

RT: 2.650 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

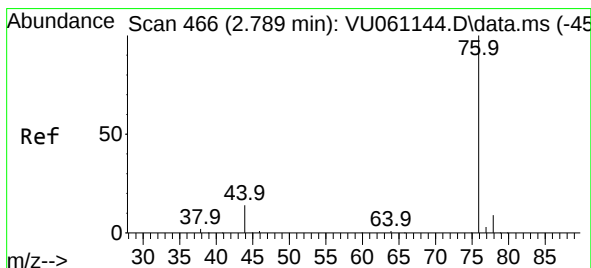
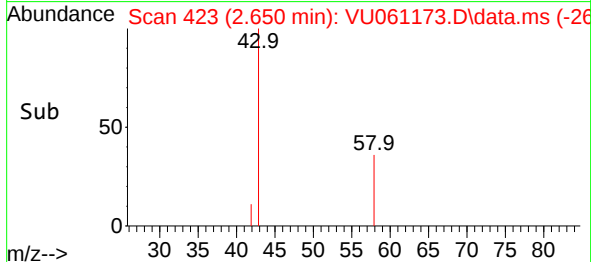
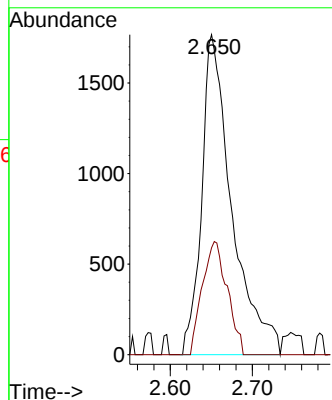
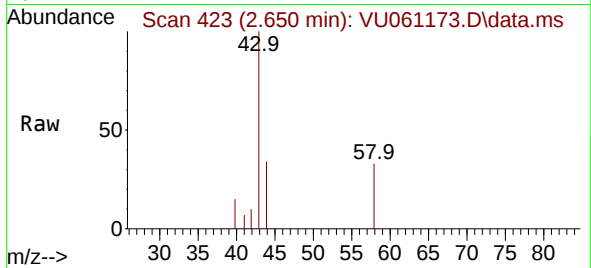
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 4494
 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: 0.254 ug/l

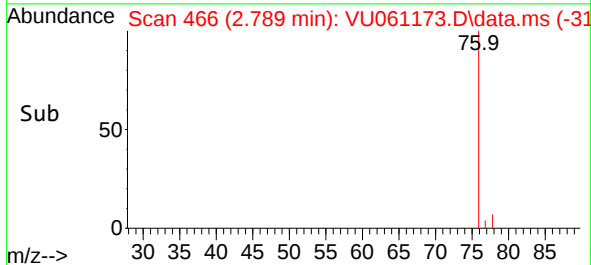
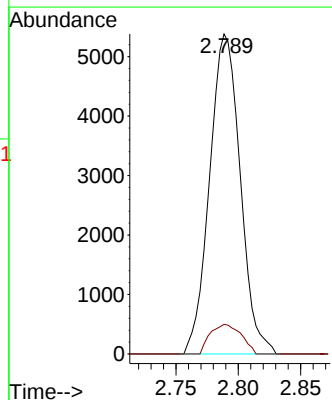
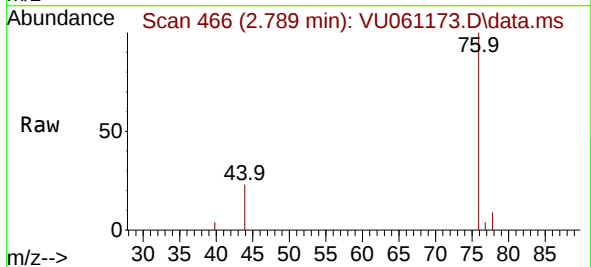
RT: 2.789 min Scan# 466

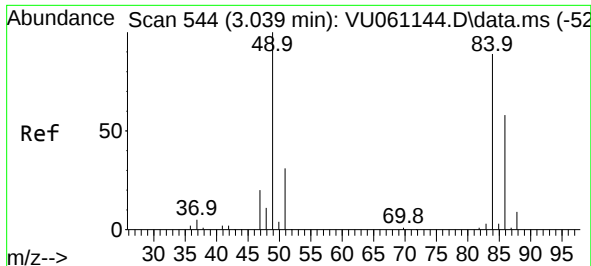
Delta R.T. 0.000 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion: 76 Resp: 9211
 Ion Ratio Lower Upper
 76 100
 78 9.2 7.4 11.0





#15

Methylene Chloride

Concen: 0.279 ug/l

RT: 3.043 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU061173.D

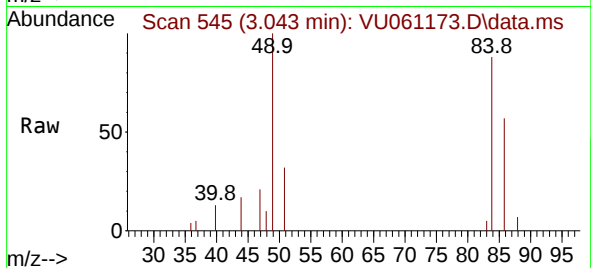
Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion: 84 Resp: 379

Ion Ratio Lower Upper

84 100

49 114.0 90.4 135.6

51 36.6 0.0 70.6

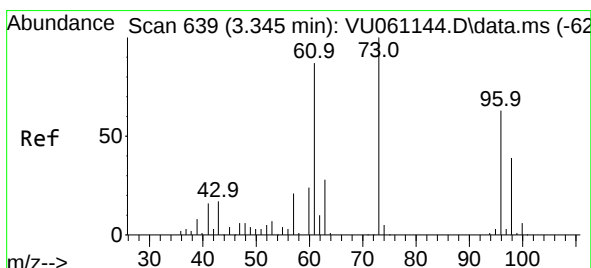
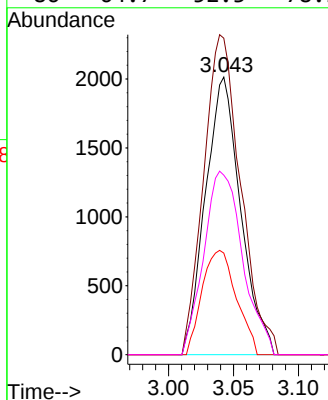
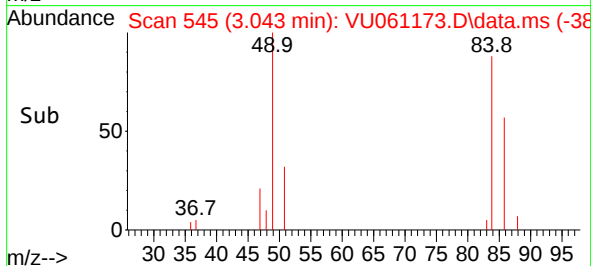
86 64.7 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#16

trans-1,2-Dichloroethene

Concen: 0.249 ug/l

RT: 3.354 min Scan# 642

Delta R.T. 0.010 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

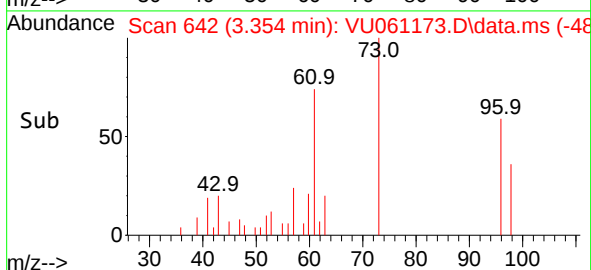
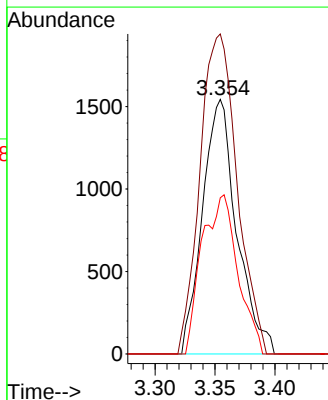
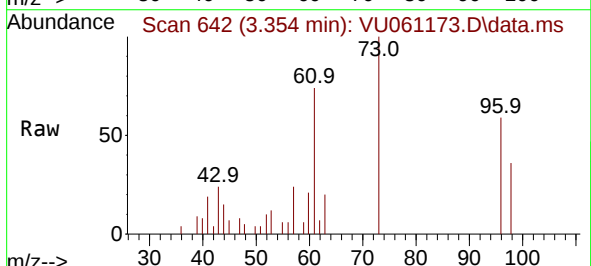
Tgt Ion: 96 Resp: 3066

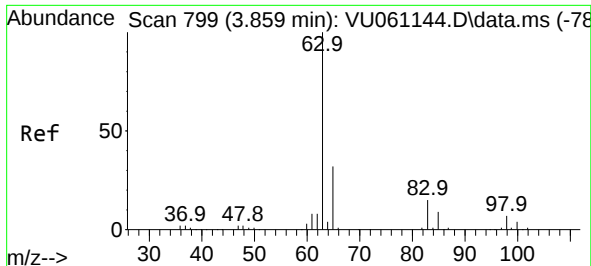
Ion Ratio Lower Upper

96 100

61 125.7 110.6 166.0

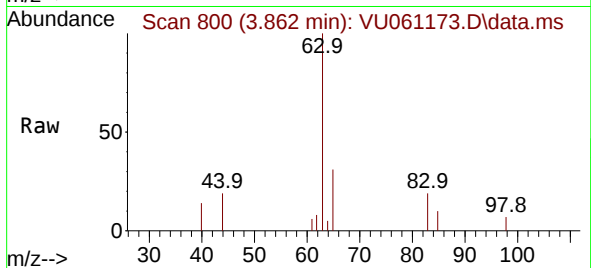
98 61.4 49.8 74.8





#17
1,1-Dichloroethane
Concen: 0.255 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

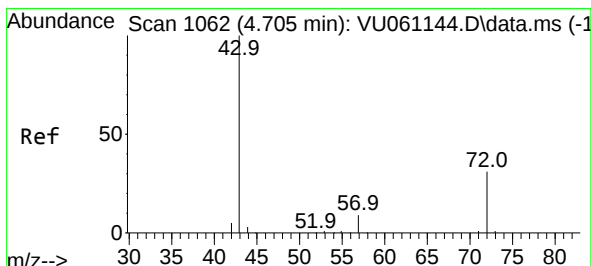
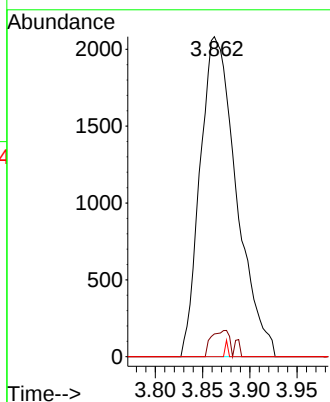
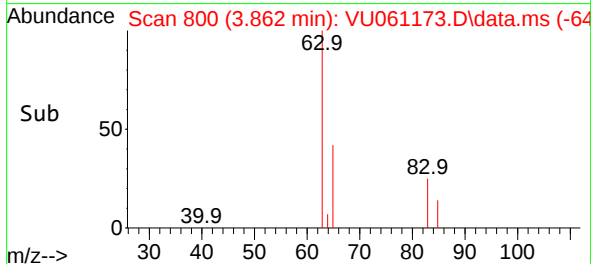
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



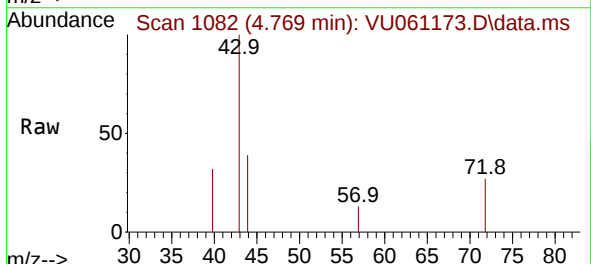
Tgt Ion: 63 Resp: 556
Ion Ratio Lower Upper
63 100
98 7.1 3.3 9.8
100 0.0 2.1 6.5

Manual Integrations
APPROVED

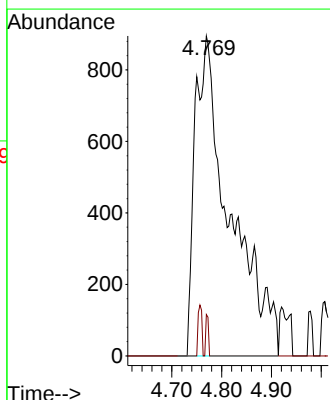
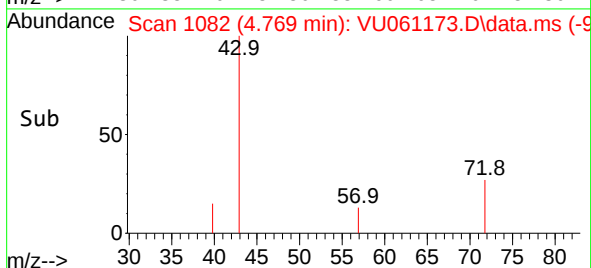
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

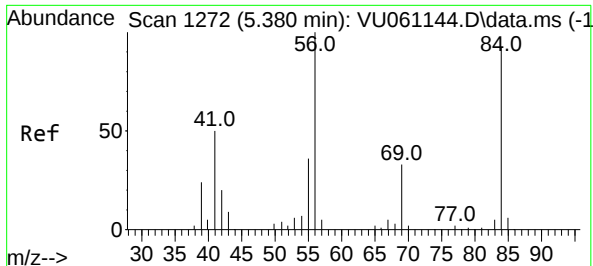


#18
2-Butanone
Concen: 1.292 ug/l m
RT: 4.769 min Scan# 1082
Delta R.T. 0.064 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



Tgt Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
57 13.0 0.0 19.0





#19

Cyclohexane

Concen: 0.230 ug/l m

RT: 5.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

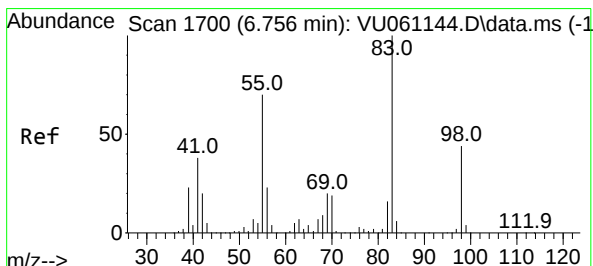
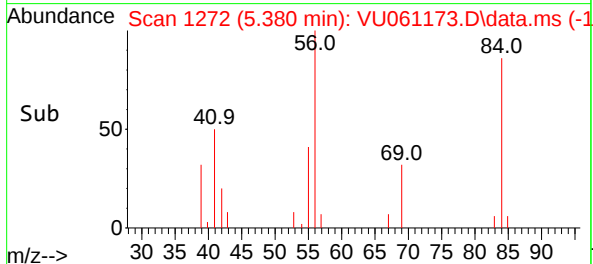
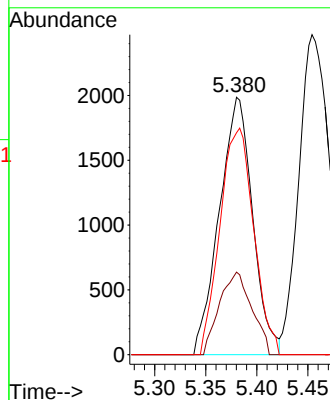
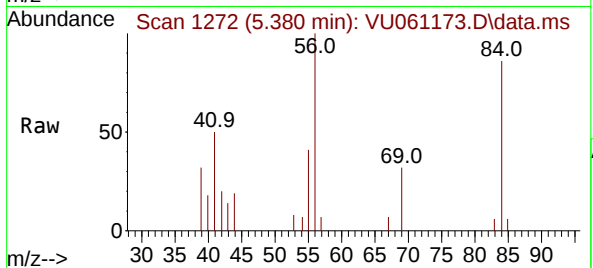
MDL-WATER-03-QT4-2024

Tgt Ion:	56	Resp:	4500
Ion Ratio	Lower	Upper	
56	100		
69	31.1	26.2	39.4
84	89.0	72.7	109.1

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.238 ug/l

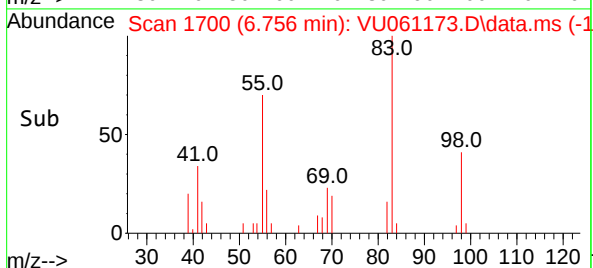
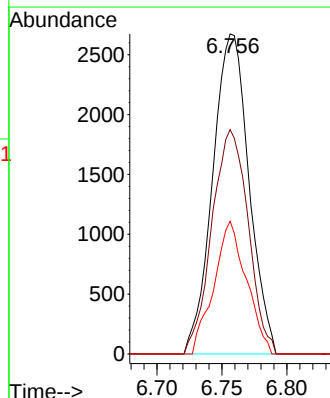
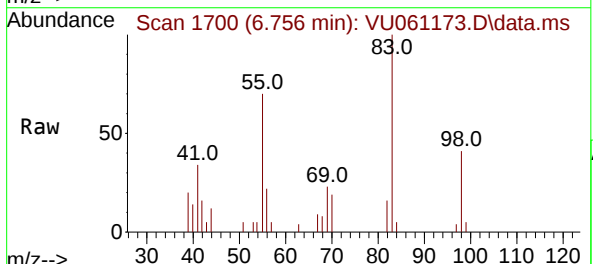
RT: 6.756 min Scan# 1700

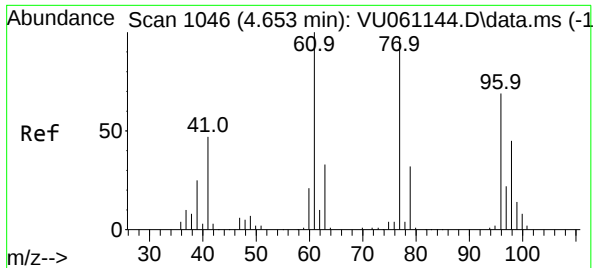
Delta R.T. 0.000 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion:	83	Resp:	5193
Ion Ratio	Lower	Upper	
83	100		
55	70.1	55.5	83.3
98	37.1	35.8	53.6





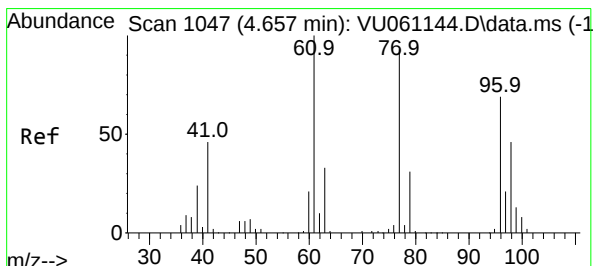
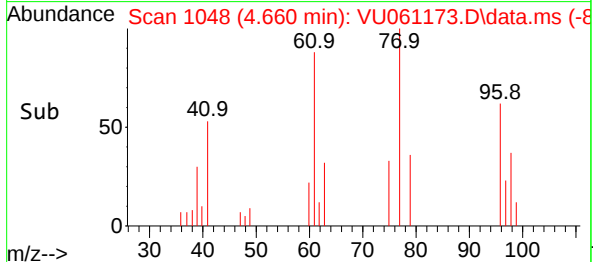
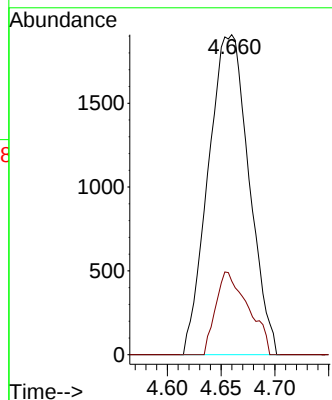
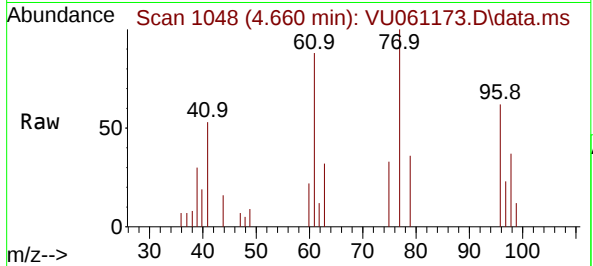
#21
2,2-Dichloropropane
Concen: 0.249 ug/l
RT: 4.660 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 77 Resp: 502
Ion Ratio Lower Upper
77 100
97 20.6 18.3 27.5

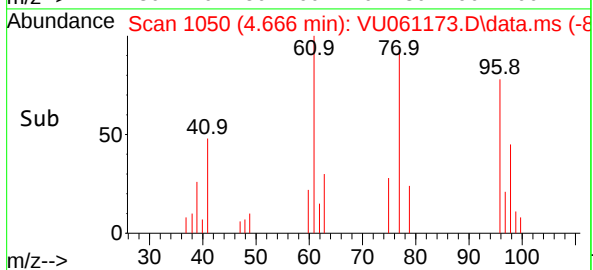
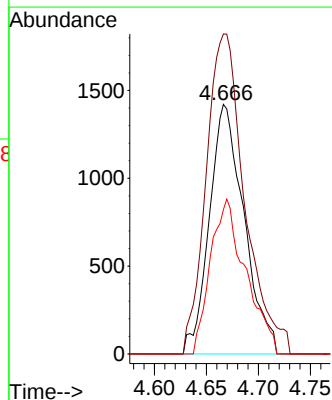
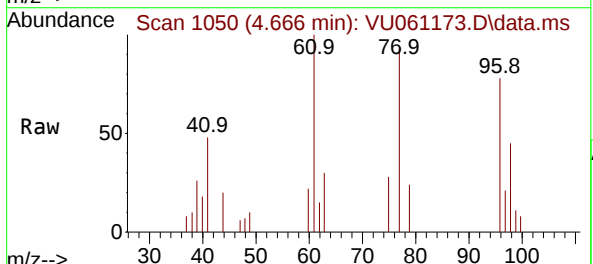
Manual Integrations
APPROVED

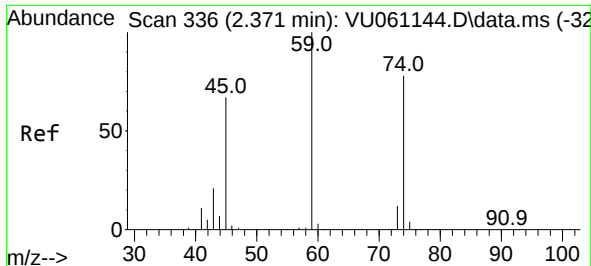
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#22
cis-1,2-Dichloroethene
Concen: 0.246 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 96 Resp: 3299
Ion Ratio Lower Upper
96 100
61 142.5 0.0 364.8
98 62.7 32.1 96.3





#23

Diethyl Ether

Concen: 0.221 ug/l

RT: 2.374 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

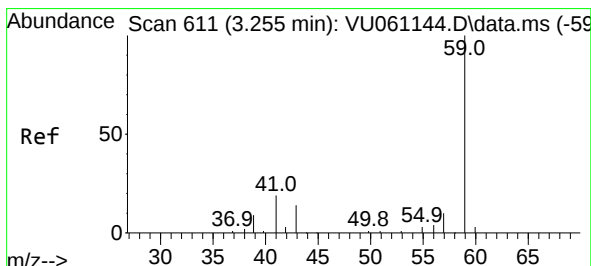
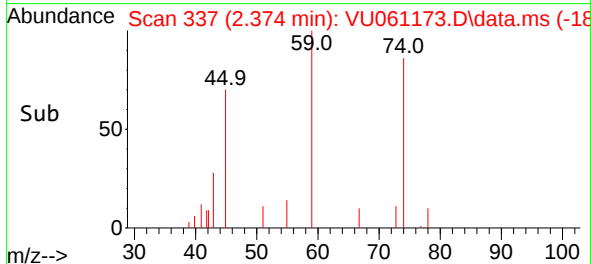
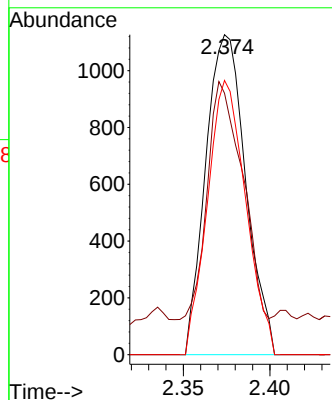
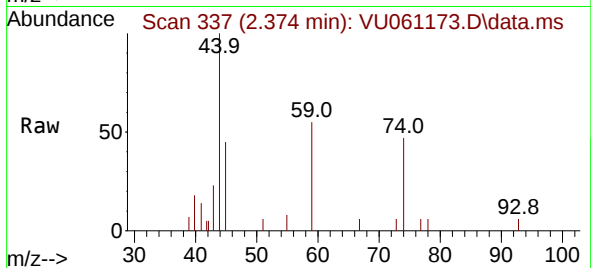
MDL-WATER-03-QT4-2024

Tgt Ion: 59 Resp: 1808
 Ion Ratio Lower Upper
 59 100
 45 70.5 52.0 78.0
 74 82.0 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: 2.094 ug/l m

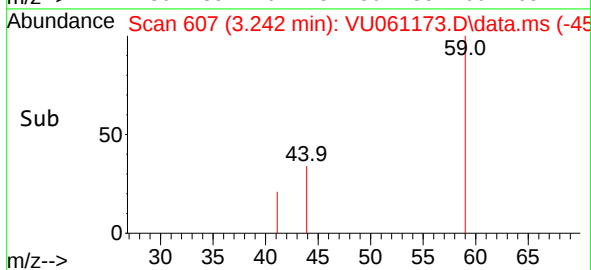
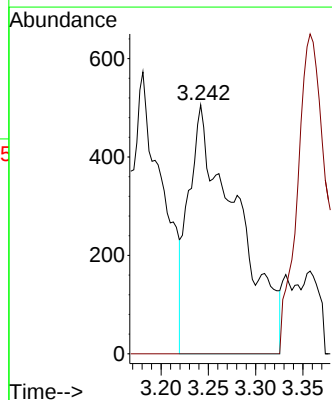
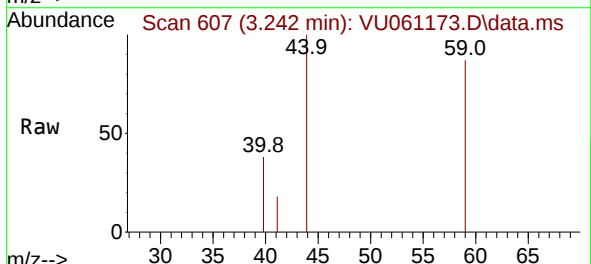
RT: 3.242 min Scan# 607

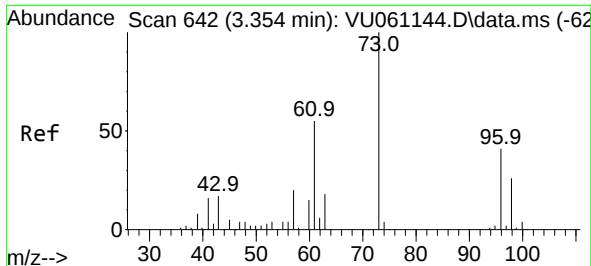
Delta R.T. -0.013 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

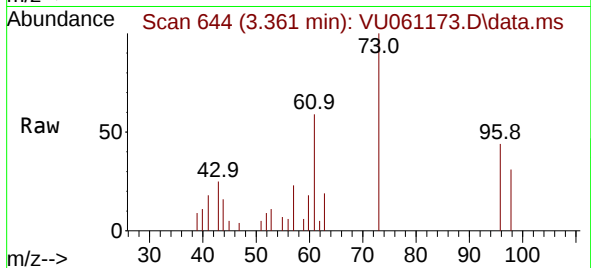
Tgt Ion: 59 Resp: 1784
 Ion Ratio Lower Upper
 59 100
 57 76.4 3.2 4.8#





#25
Methyl tert-Butyl Ether
Concen: 0.240 ug/l
RT: 3.361 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

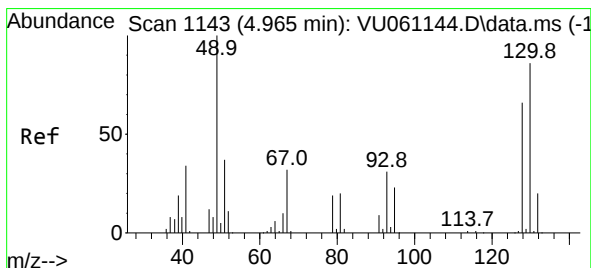
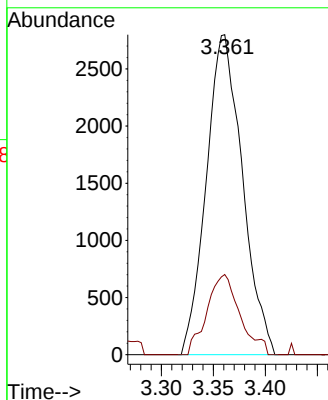
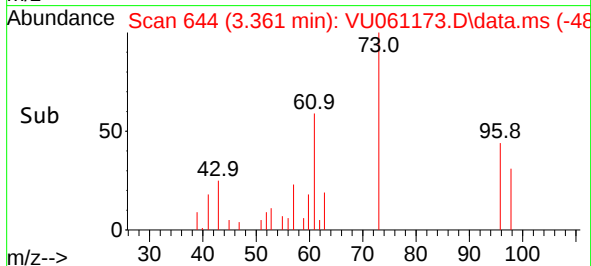
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



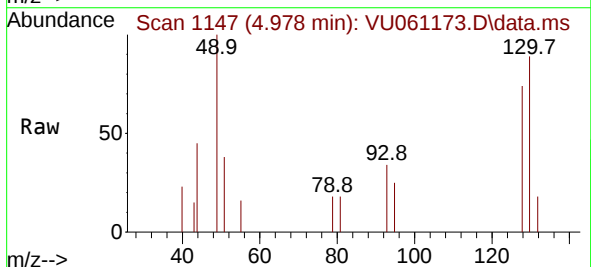
Tgt Ion: 73 Resp: 6759
Ion Ratio Lower Upper
73 100
43 22.9 14.7 22.1

Manual Integrations
APPROVED

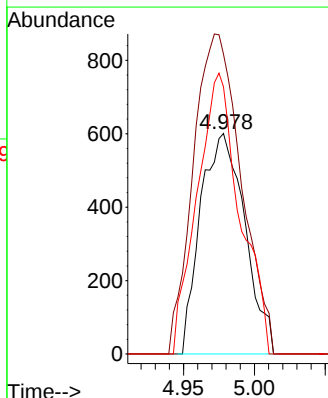
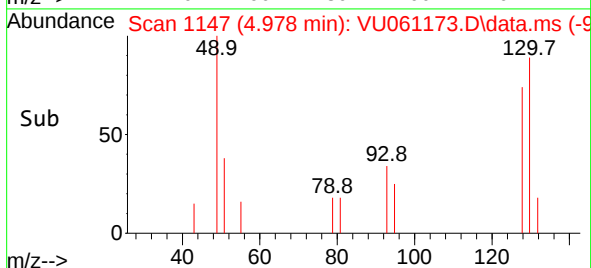
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

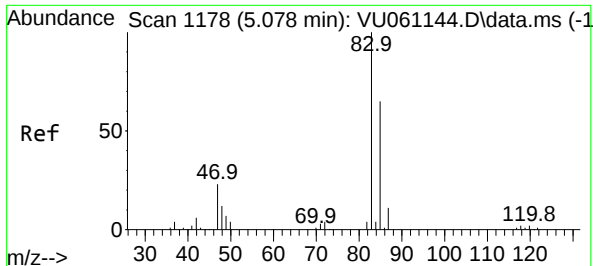


#26
Bromochloromethane
Concen: 0.233 ug/l
RT: 4.978 min Scan# 1147
Delta R.T. 0.013 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



Tgt Ion:128 Resp: 1306
Ion Ratio Lower Upper
128 100
49 157.4 0.0 308.8
130 122.8 105.3 157.9





#27

Chloroform

Concen: 0.279 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

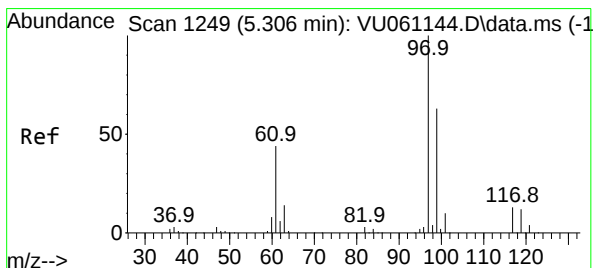
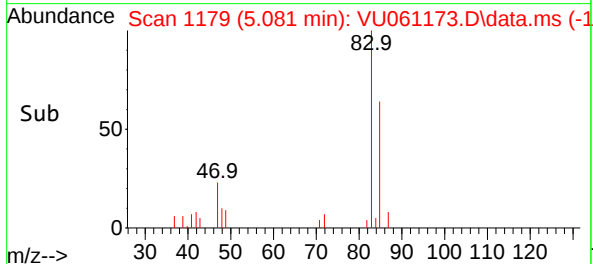
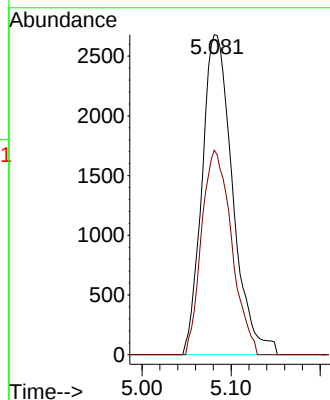
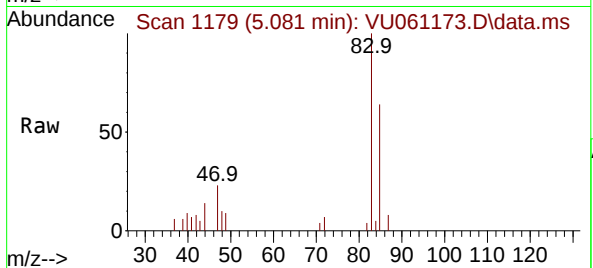
MDL-WATER-03-QT4-2024

Tgt Ion: 83 Resp: 6390
 Ion Ratio Lower Upper
 83 100
 85 63.9 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: 0.230 ug/l

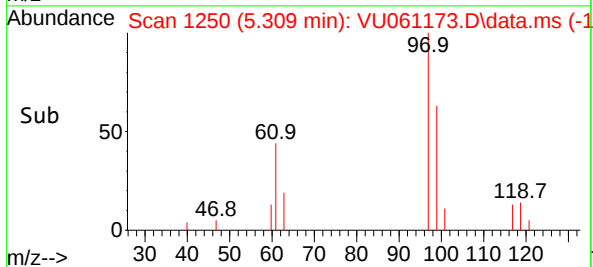
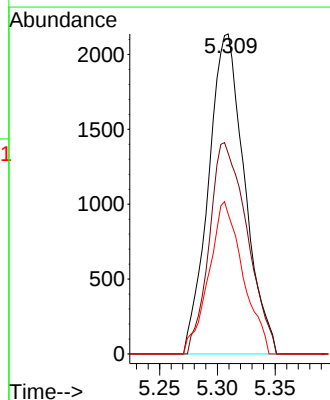
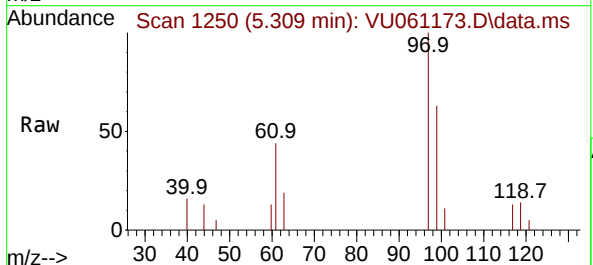
RT: 5.309 min Scan# 1250

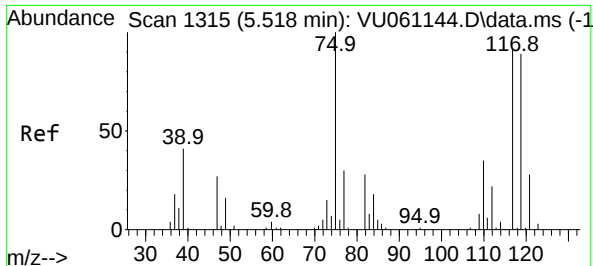
Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

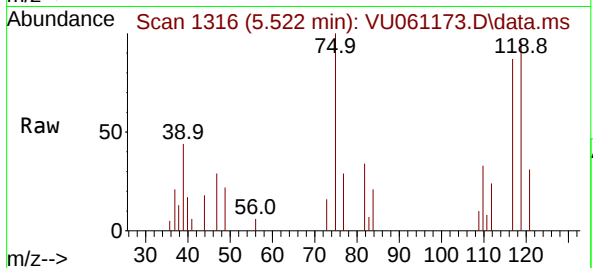
Tgt Ion: 97 Resp: 4637
 Ion Ratio Lower Upper
 97 100
 99 69.2 31.9 95.5
 61 45.0 22.1 66.1





#29
1,1-Dichloropropene
Concen: 0.226 ug/l
RT: 5.522 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

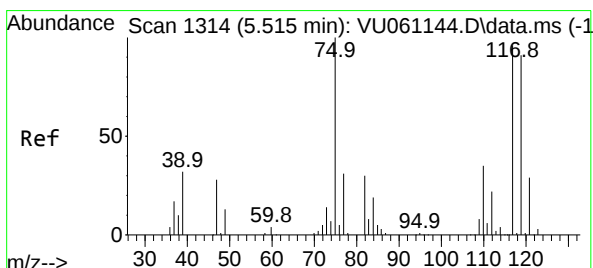
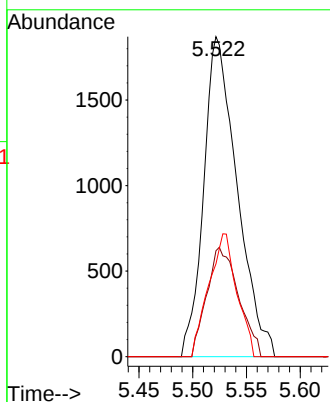
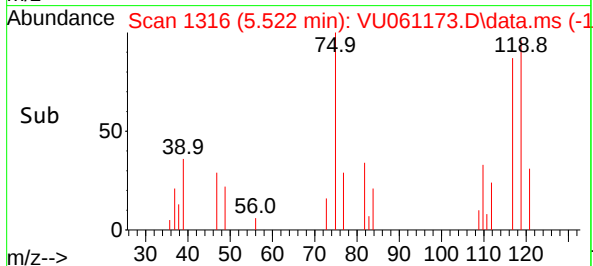
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



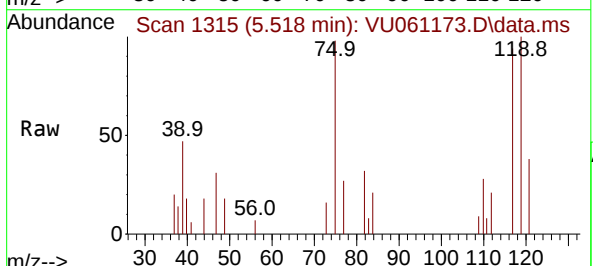
Tgt Ion: 75 Resp: 4040
Ion Ratio Lower Upper
75 100
110 32.6 17.8 53.3
77 32.2 24.6 37.0

Manual Integrations
APPROVED

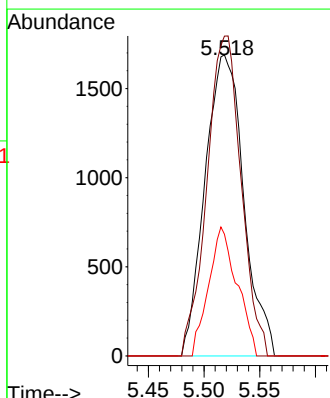
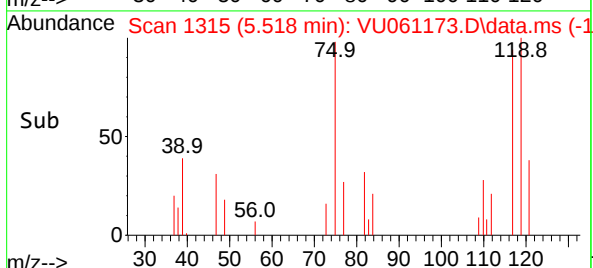
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

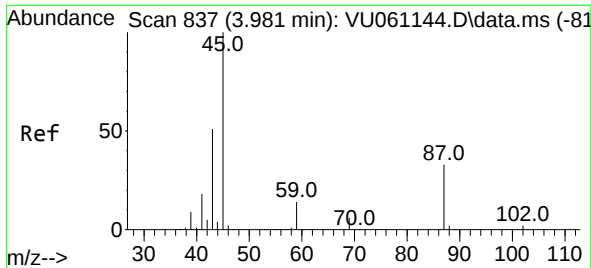


#30
Carbon Tetrachloride
Concen: 0.233 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



Tgt Ion:117 Resp: 4078
Ion Ratio Lower Upper
117 100
119 106.2 76.4 114.6
121 40.4 24.1 36.1#





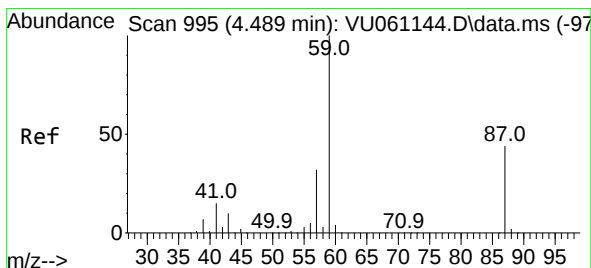
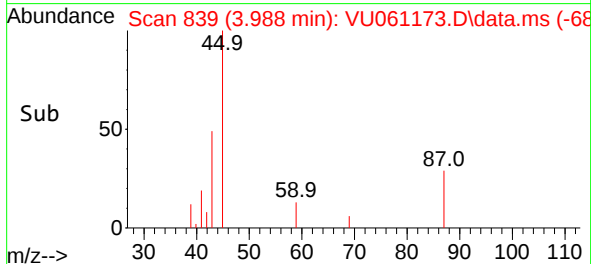
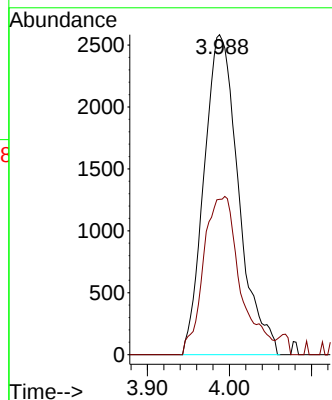
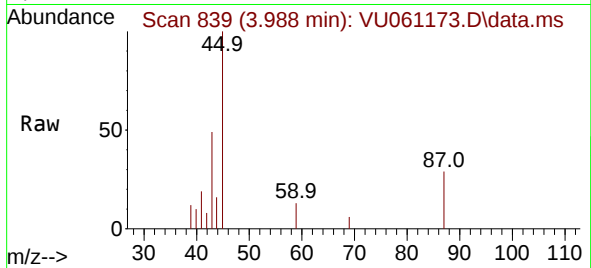
#31
Isopropyl Ether
Concen: 0.242 ug/l
RT: 3.988 min Scan# 837
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 45 Resp: 7549
Ion Ratio Lower Upper
45 100
43 52.5 25.7 77.0

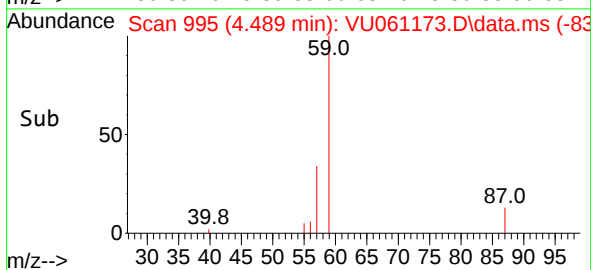
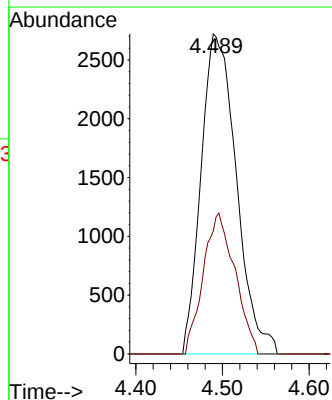
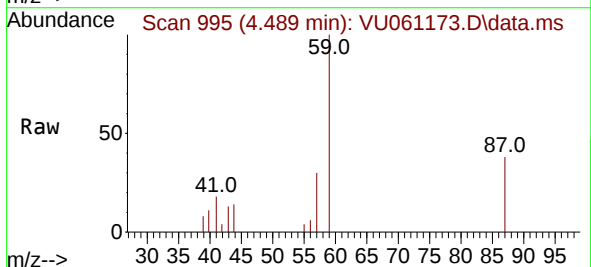
Manual Integrations
APPROVED

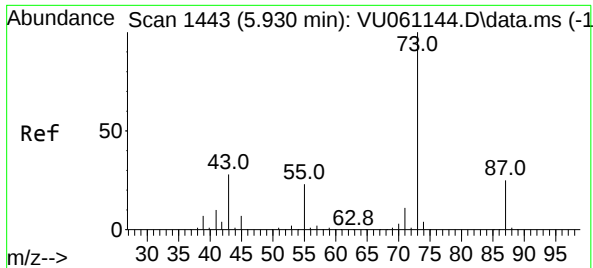
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#32
Ethyl-t-butyl ether
Concen: 0.240 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 59 Resp: 7701
Ion Ratio Lower Upper
59 100
87 39.5 34.7 52.1





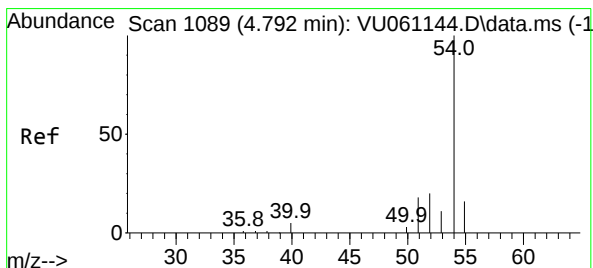
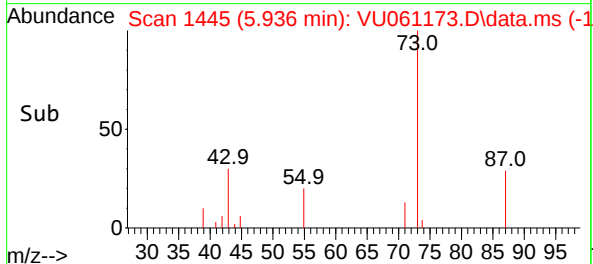
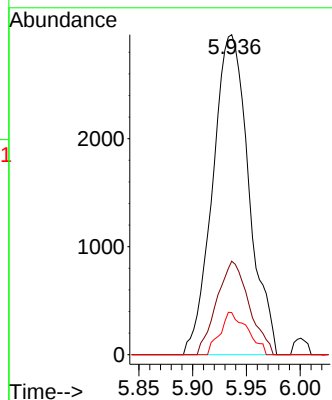
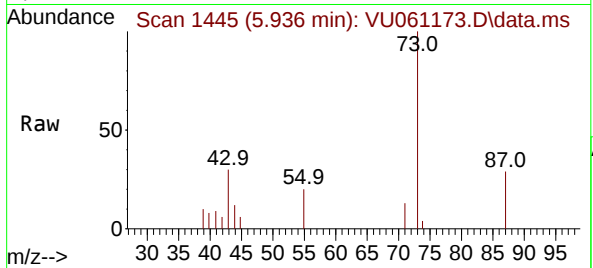
#33
Tert-Amyl methyl ether
Concen: 0.240 ug/l
RT: 5.936 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 73 Resp: 692
Ion Ratio Lower Upper
73 100
87 26.2 19.8 29.8
71 10.0 8.6 12.8

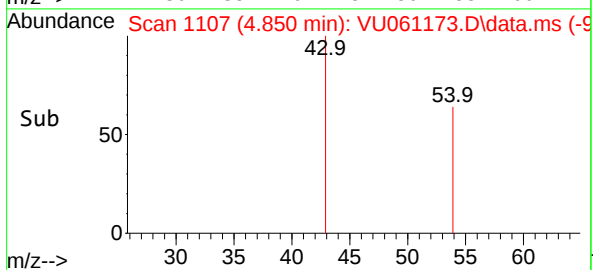
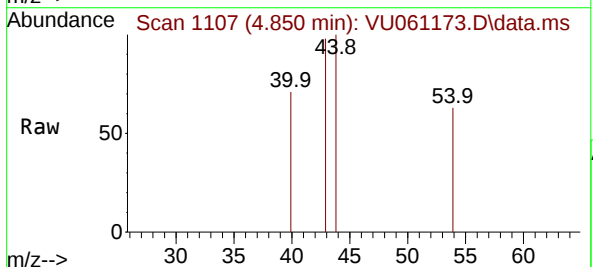
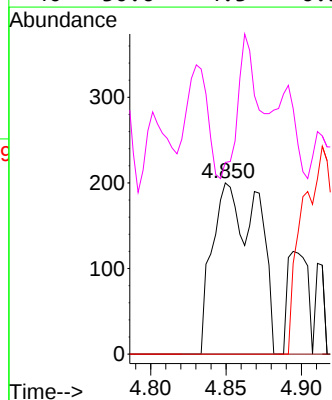
Manual Integrations
APPROVED

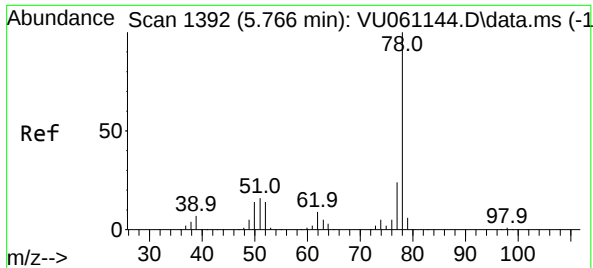
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#34
Propionitrile
Concen: 0.515 ug/l m
RT: 4.850 min Scan# 1107
Delta R.T. 0.058 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 54 Resp: 415
Ion Ratio Lower Upper
54 100
52 0.0 15.3 22.9#
55 0.0 9.7 14.5#
40 30.6 4.3 6.5#





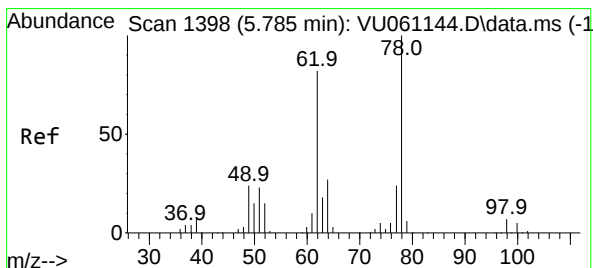
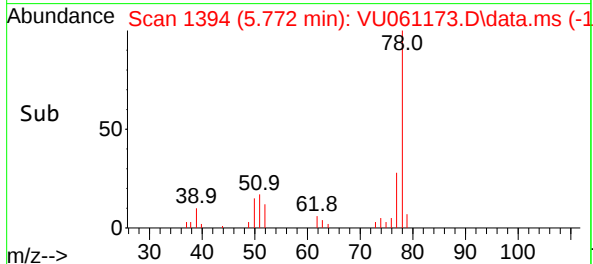
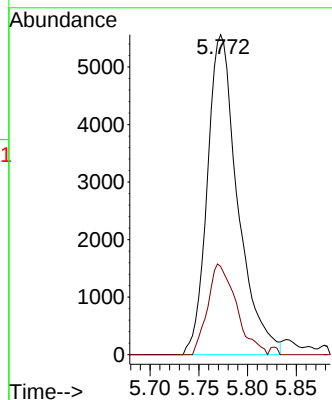
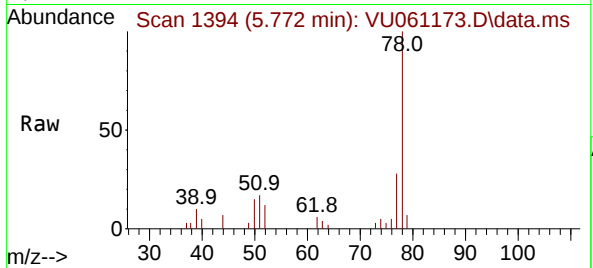
#35
Benzene
Concen: 0.240 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 78 Resp: 12078
Ion Ratio Lower Upper
78 100
77 27.5 19.4 29.0

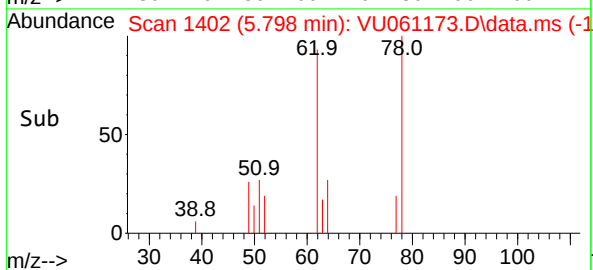
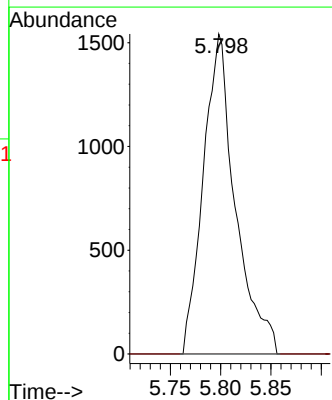
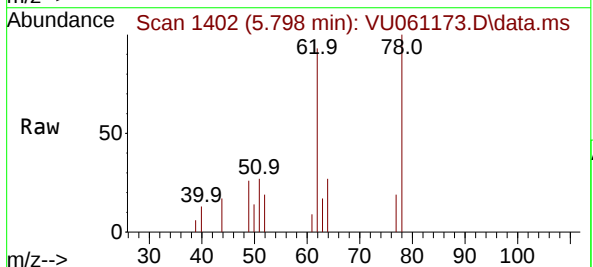
Manual Integrations
APPROVED

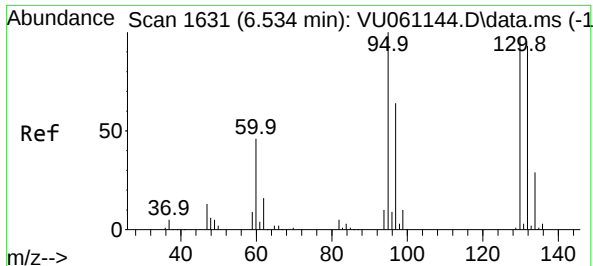
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#36
1,2-Dichloroethane
Concen: 0.241 ug/l
RT: 5.798 min Scan# 1402
Delta R.T. 0.013 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 62 Resp: 3417
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#





#37

Trichloroethene

Concen: 0.245 ug/l

RT: 6.544 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:130 Resp: 3284

Ion Ratio Lower Upper

130 100

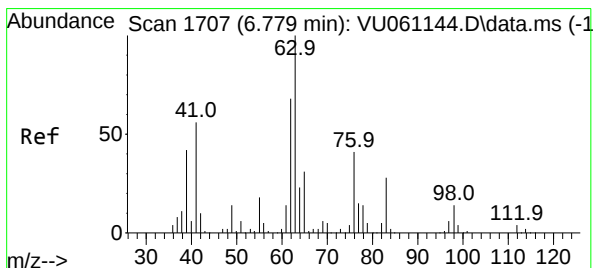
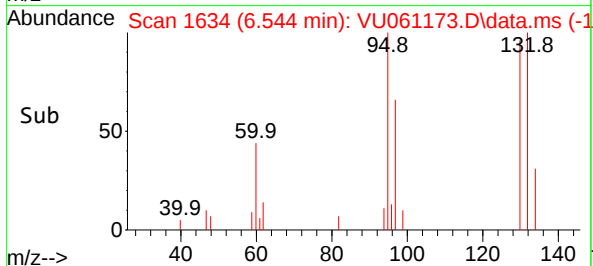
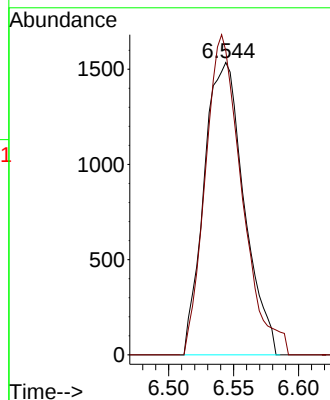
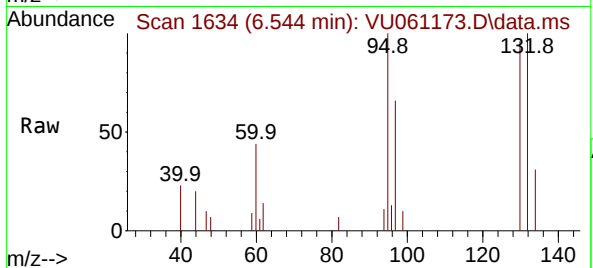
95 104.0 82.6 123.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#38

1,2-Dichloropropane

Concen: 0.253 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.010 min

Lab File: VU061173.D

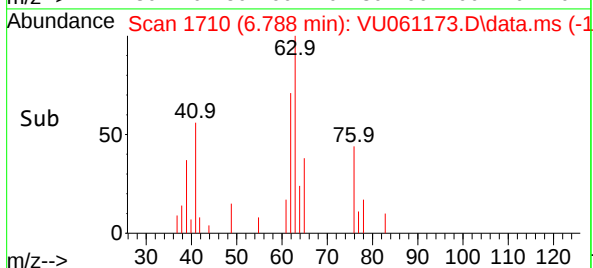
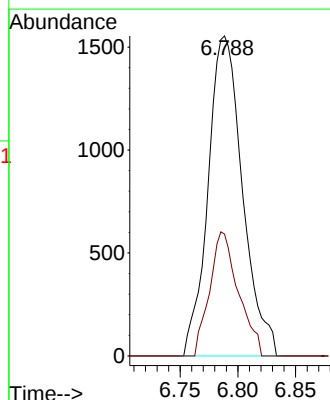
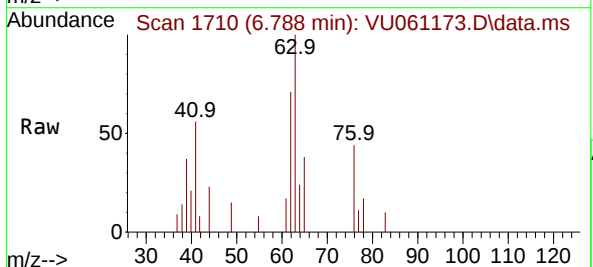
Acq: 21 Oct 2024 15:42

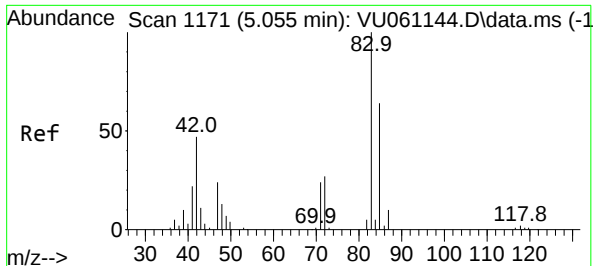
Tgt Ion: 63 Resp: 3227

Ion Ratio Lower Upper

63 100

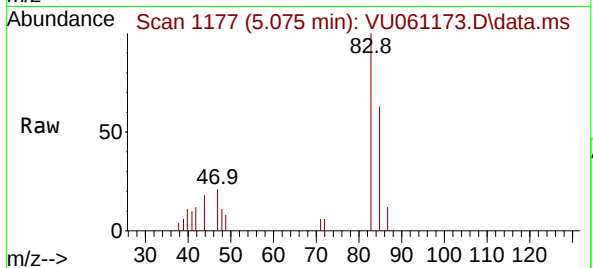
65 38.1 25.0 37.6#





#41
Tetrahydrofuran
Concen: 0.459 ug/l m
RT: 5.075 min Scan# 1171
Delta R.T. 0.019 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

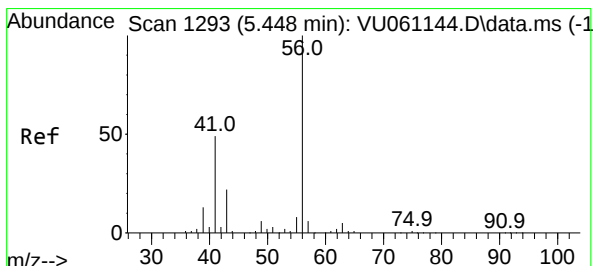
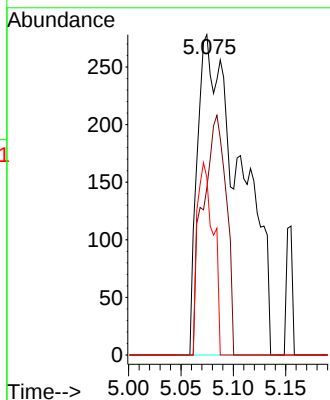
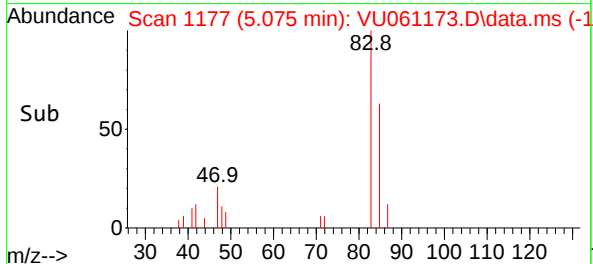
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



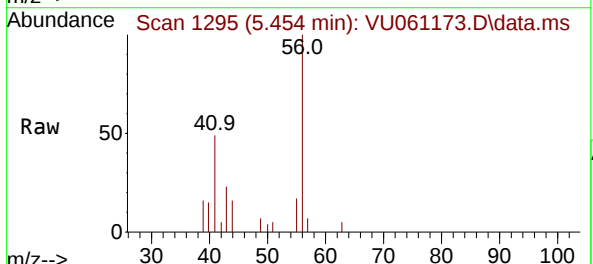
Tgt Ion: 42 Resp: 799
Ion Ratio Lower Upper
42 100
72 40.4 47.8 71.8
71 22.2 41.5 62.3

Manual Integrations
APPROVED

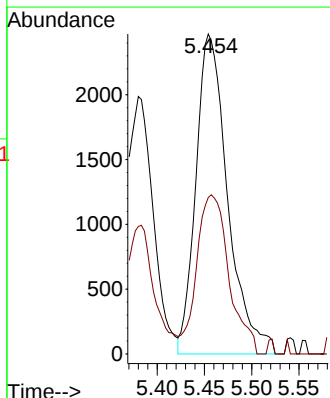
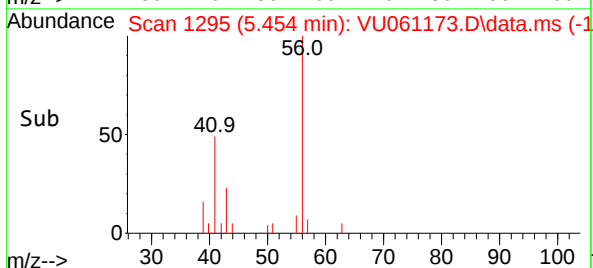
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

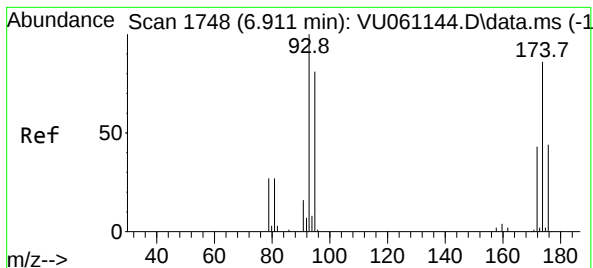


#42
1-Chlorobutane
Concen: 0.252 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



Tgt Ion: 56 Resp: 5773
Ion Ratio Lower Upper
56 100
41 50.6 23.9 71.7





#43

Dibromomethane

Concen: 0.230 ug/l

RT: 6.920 min Scan# 1751

Delta R.T. 0.010 min

Lab File: VU061173.D

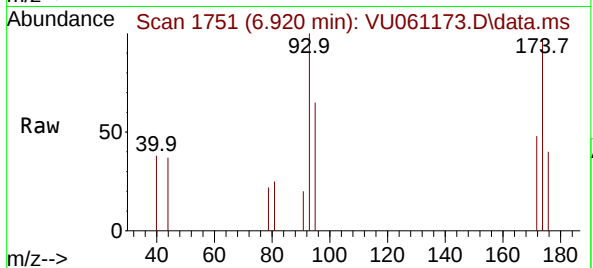
Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

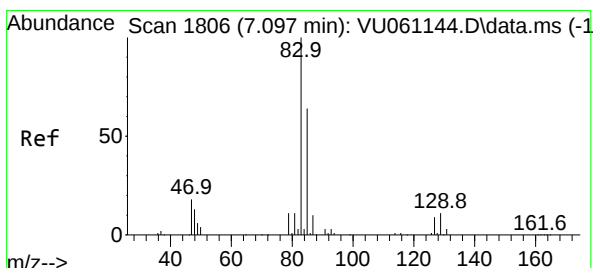
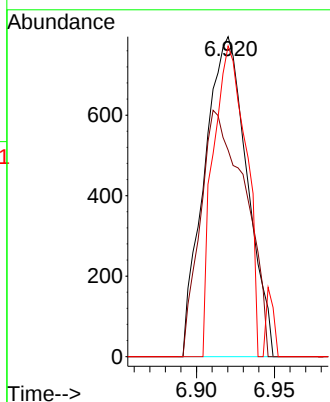
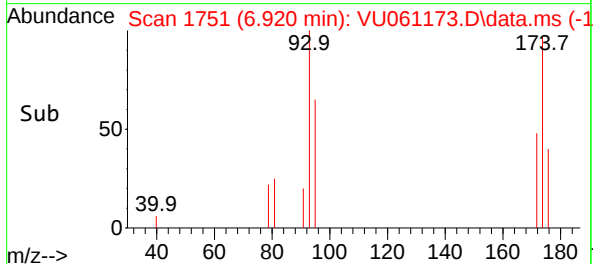


Tgt Ion: 93	Resp: 1510
Ion Ratio	Lower Upper
93	100
95	81.1 67.5 101.3
174	74.1 71.2 106.8

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

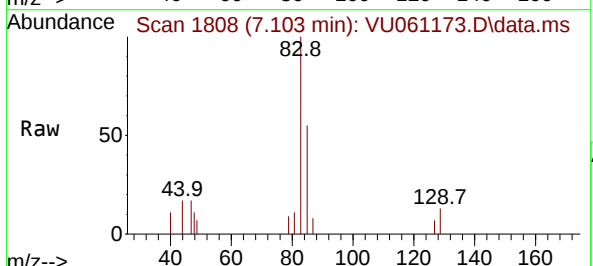
Concen: 0.242 ug/l

RT: 7.103 min Scan# 1808

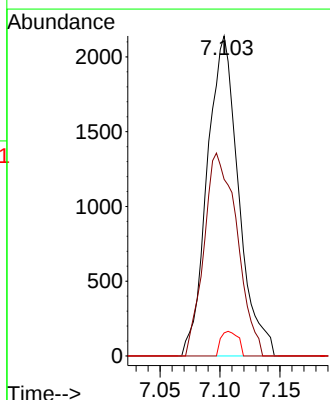
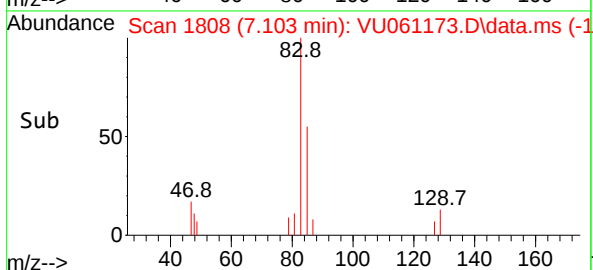
Delta R.T. 0.006 min

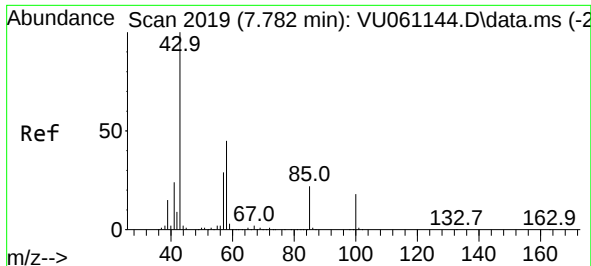
Lab File: VU061173.D

Acq: 21 Oct 2024 15:42



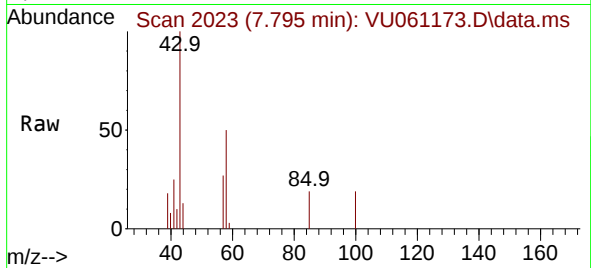
Tgt Ion: 83	Resp: 3890
Ion Ratio	Lower Upper
83	100
85	55.2 51.4 77.2
127	7.2 7.4 11.2





#45
4-Methyl-2-Pentanone
Concen: 1.198 ug/l
RT: 7.795 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

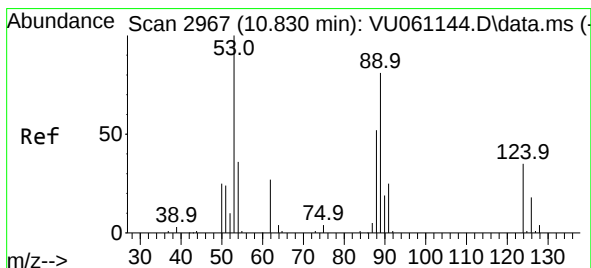
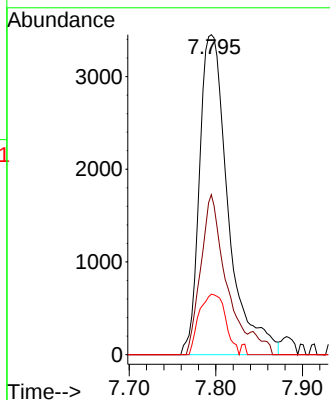
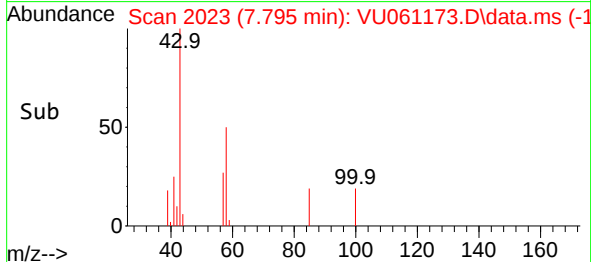
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 43 Resp: 794.3
Ion Ratio Lower Upper
43 100
58 42.7 22.2 66.6
85 17.3 17.2 25.8

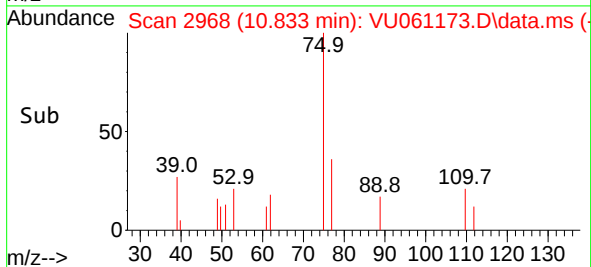
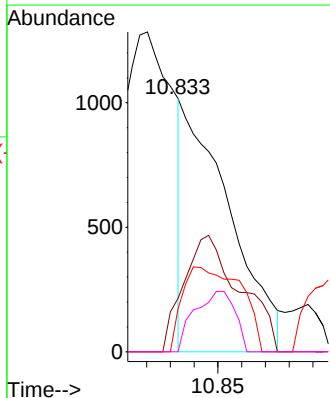
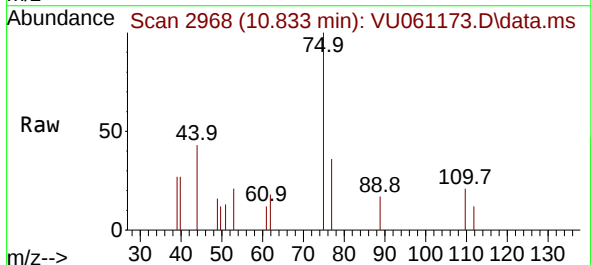
Manual Integrations
APPROVED

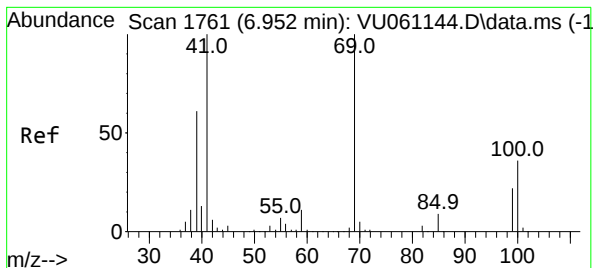
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#46
t-1,4-Dichloro-2-butene
Concen: 0.520 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 75 Resp: 1375
Ion Ratio Lower Upper
75 100
53 56.1 66.0 99.0#
89 42.3 48.0 72.0#
88 20.7 35.7 53.5#





#47

Methyl methacrylate

Concen: 0.444 ug/l

RT: 6.972 min Scan# 1767

Delta R.T. 0.019 min

Lab File: VU061173.D

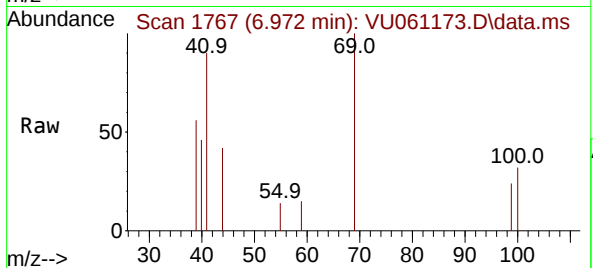
Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

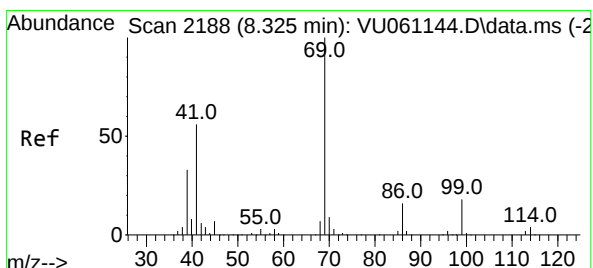
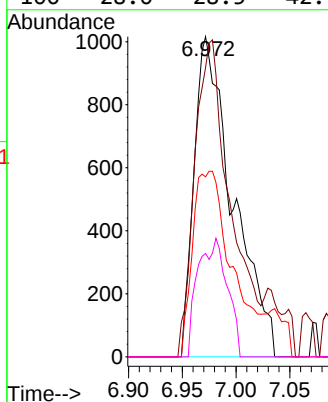
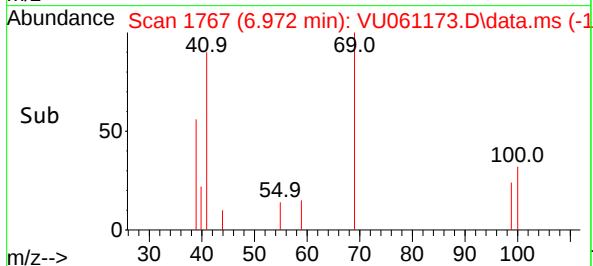


Tgt Ion:	69	Resp:	2540
Ion	Ratio	Lower	Upper
69	100		
41	91.0	0.0	196.0
39	58.4	48.0	72.0
100	28.0	28.5	42.7

Manual Integrations

APPROVED

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



#48

Ethyl methacrylate

Concen: 0.227 ug/l

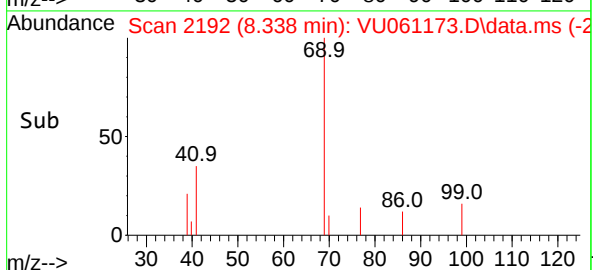
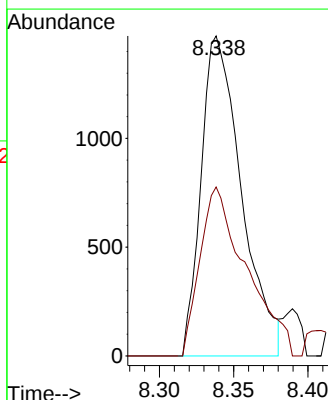
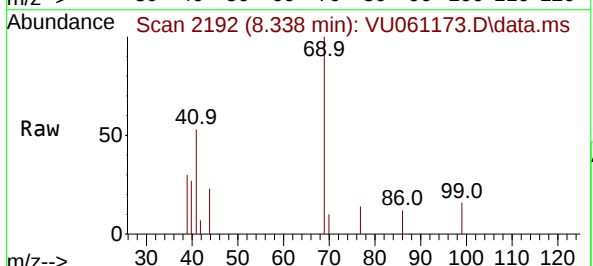
RT: 8.338 min Scan# 2192

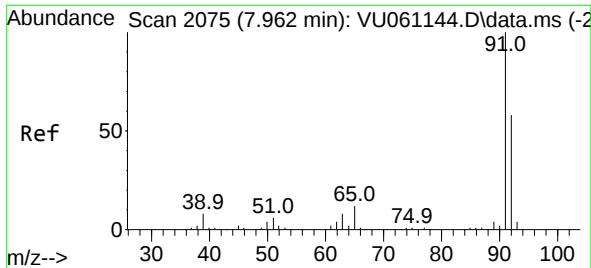
Delta R.T. 0.013 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion:	69	Resp:	2777
Ion	Ratio	Lower	Upper
69	100		
41	60.6	28.1	84.3





#49

Toluene

Concen: 0.253 ug/l

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 92 Resp: 8028

Ion Ratio Lower Upper

92 100

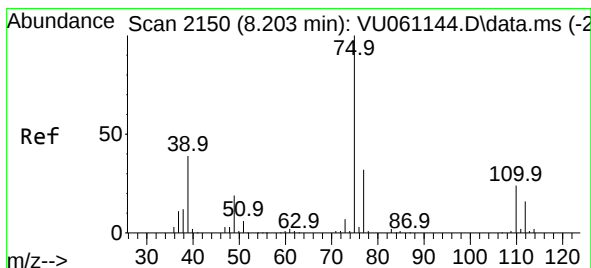
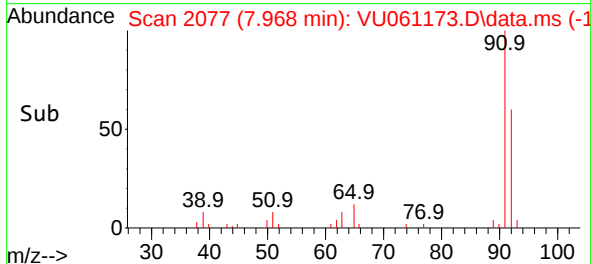
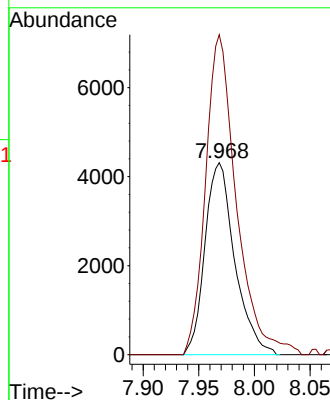
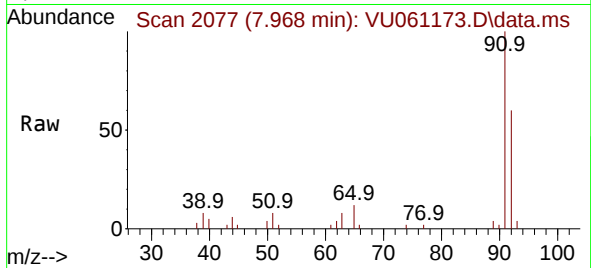
91 172.3 139.1 208.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#50

t-1,3-Dichloropropene

Concen: 0.219 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU061173.D

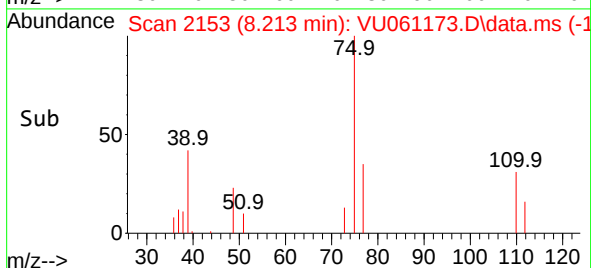
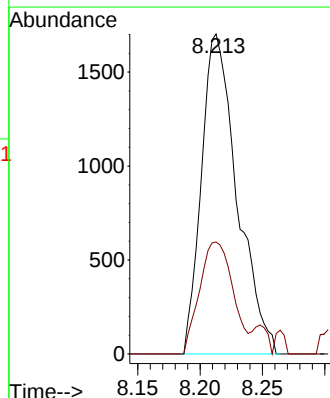
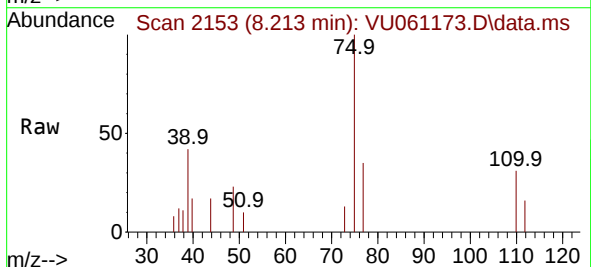
Acq: 21 Oct 2024 15:42

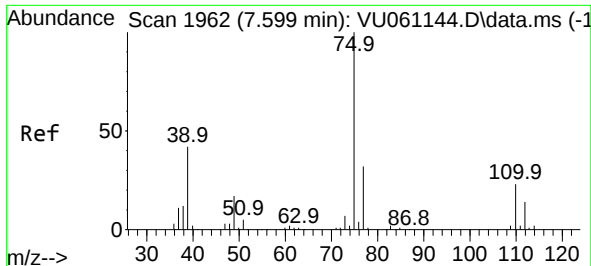
Tgt Ion: 75 Resp: 3393

Ion Ratio Lower Upper

75 100

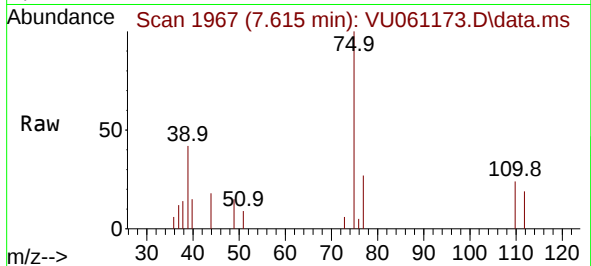
77 35.0 25.9 38.9





#51
cis-1,3-Dichloropropene
Concen: 0.227 ug/l
RT: 7.615 min Scan# 1967
Delta R.T. 0.016 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

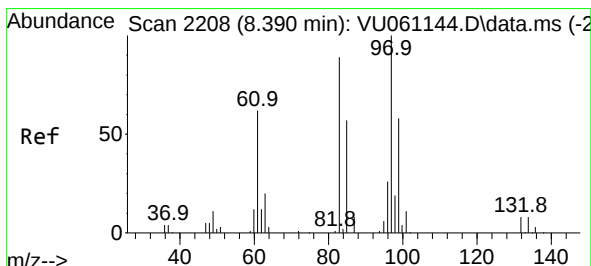
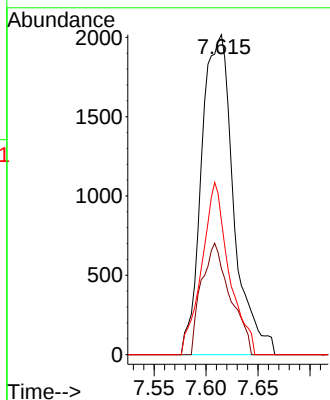
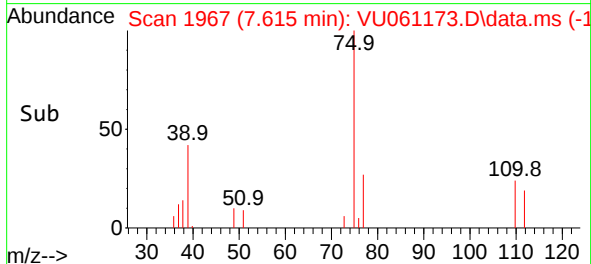
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 75 Resp: 4320
Ion Ratio Lower Upper
75 100
77 26.9 25.8 38.8
39 41.9 33.7 50.5

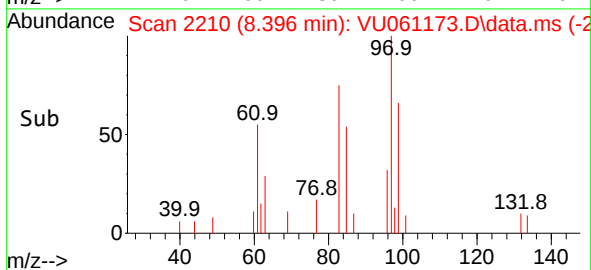
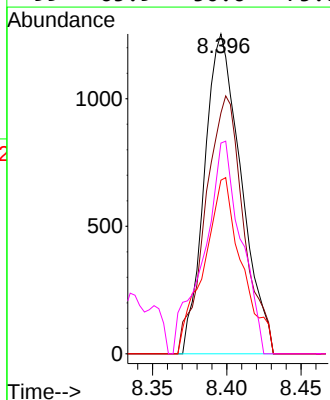
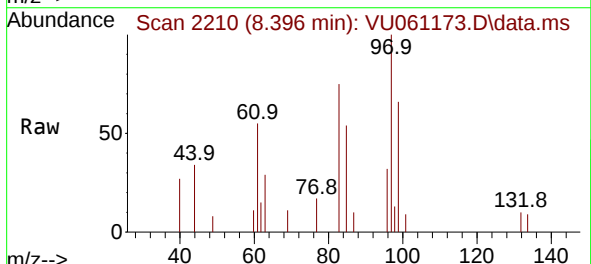
Manual Integrations
APPROVED

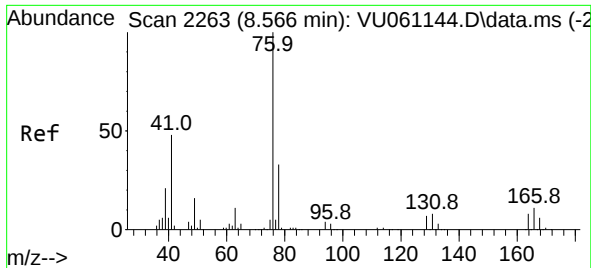
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#52
1,1,2-Trichloroethane
Concen: 0.242 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 97 Resp: 2155
Ion Ratio Lower Upper
97 100
83 75.3 71.0 106.4
85 54.3 46.1 69.1
99 65.9 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.257 ug/l

RT: 8.570 min Scan# 2103

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

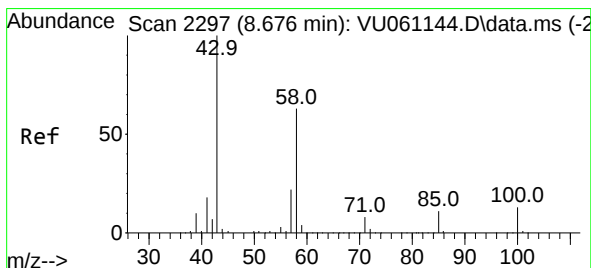
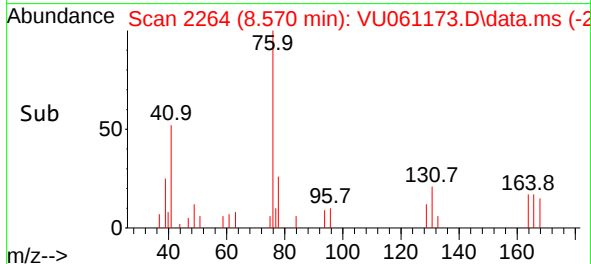
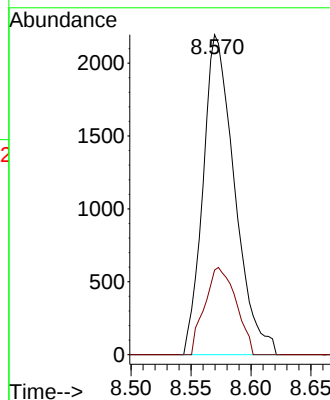
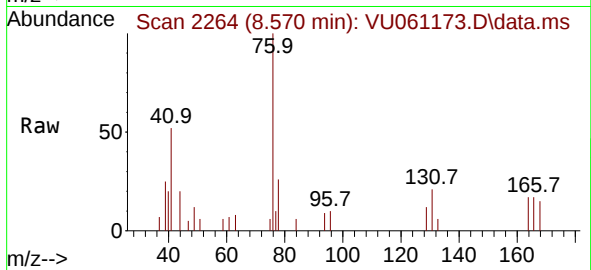
MDL-WATER-03-QT4-2024

Tgt Ion: 76 Resp: 4014
 Ion Ratio Lower Upper
 76 100
 78 27.0 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: 1.253 ug/l m

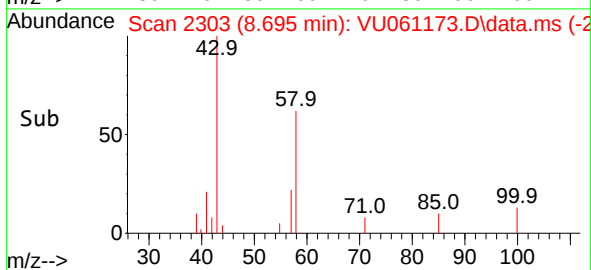
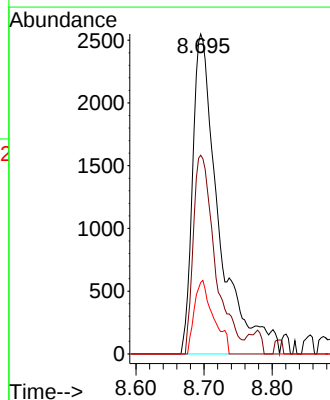
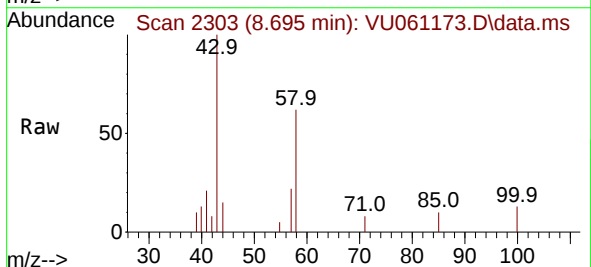
RT: 8.695 min Scan# 2303

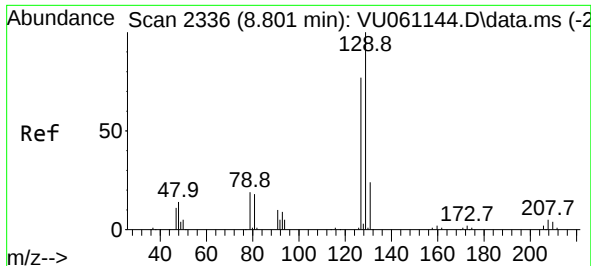
Delta R.T. 0.019 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

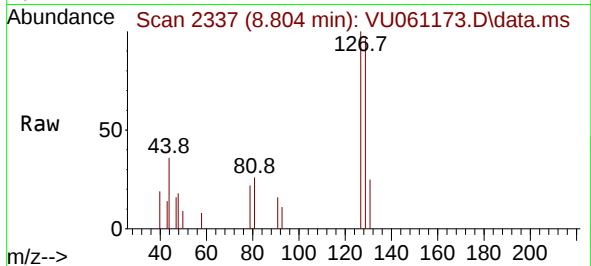
Tgt Ion: 43 Resp: 6825
 Ion Ratio Lower Upper
 43 100
 58 51.9 41.8 81.8
 57 16.7 1.4 41.4





#55
Dibromochloromethane
Concen: 0.217 ug/l
RT: 8.804 min Scan# 2129
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

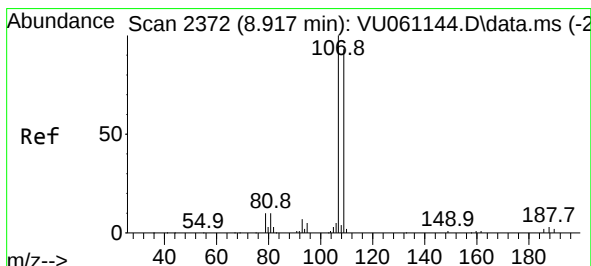
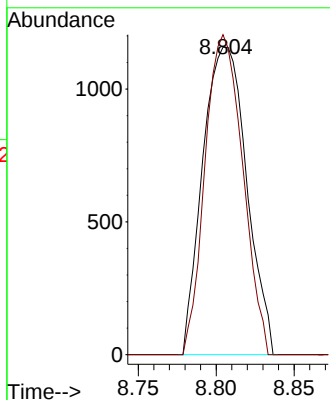
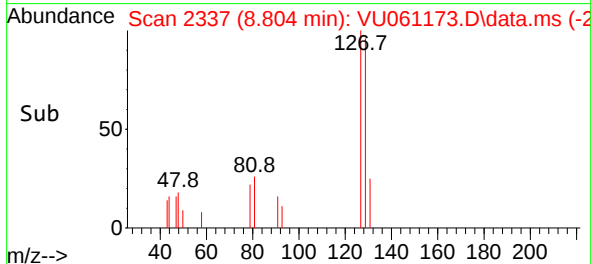
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:129 Resp: 2279
Ion Ratio Lower Upper
129 100
127 88.9 61.9 92.9

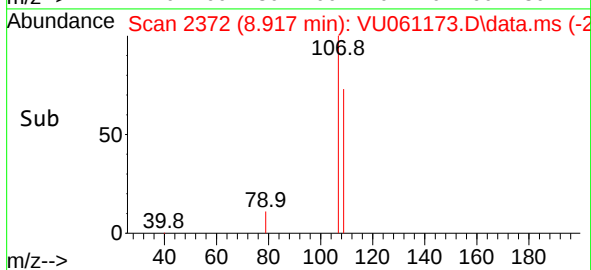
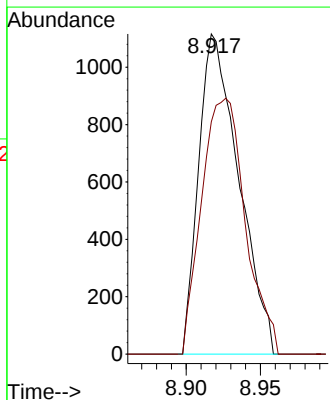
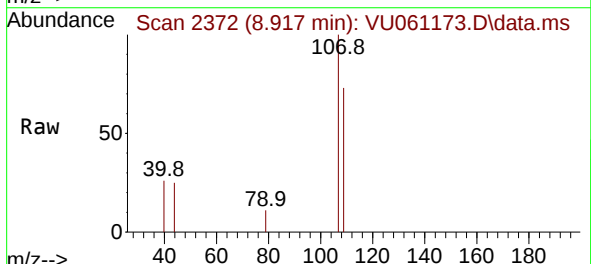
Manual Integrations
APPROVED

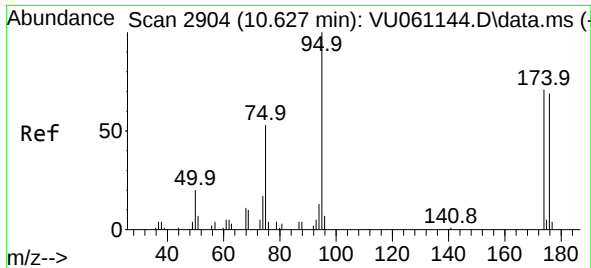
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#56
1,2-Dibromoethane
Concen: 0.245 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

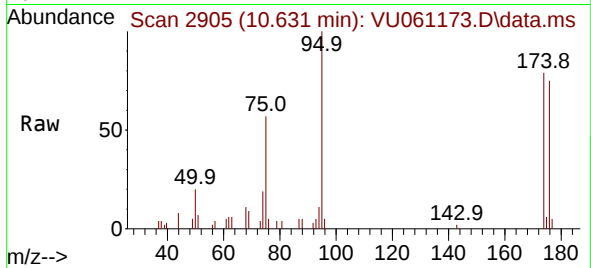
Tgt Ion:107 Resp: 2094
Ion Ratio Lower Upper
107 100
109 87.4 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.932 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

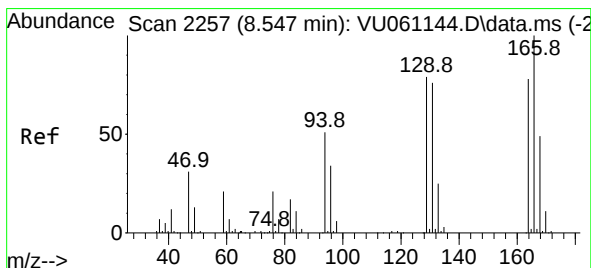
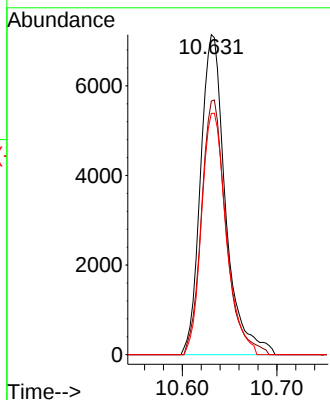
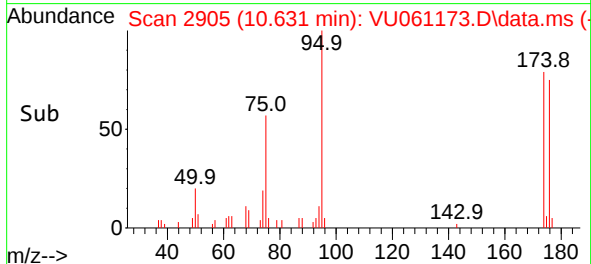
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 95 Resp: 1311
Ion Ratio Lower Upper
95 100
174 78.2 55.4 83.0
176 74.4 54.4 81.6

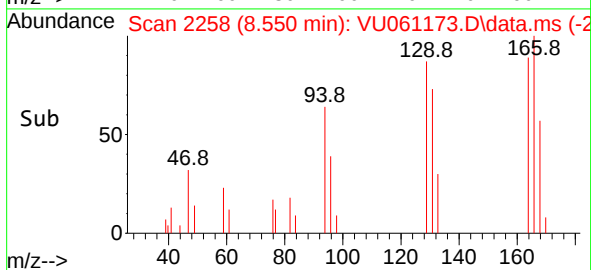
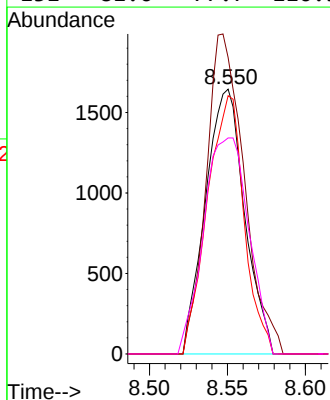
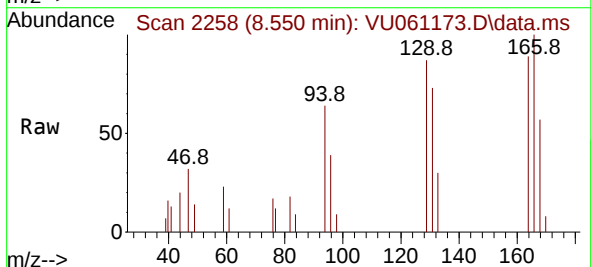
Manual Integrations
APPROVED

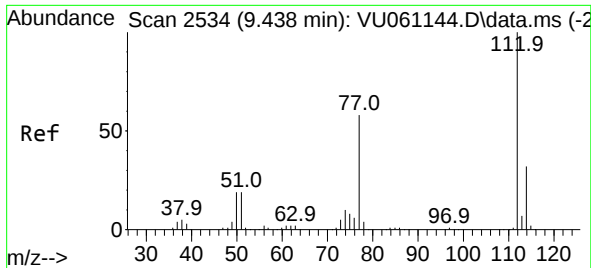
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#58
Tetrachloroethene
Concen: 0.253 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

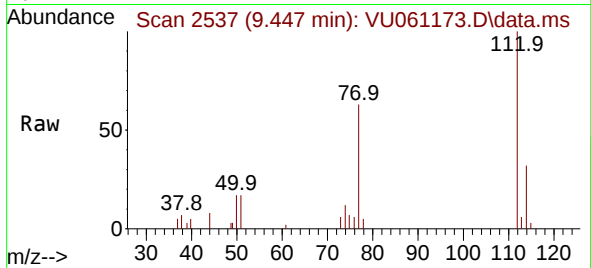
Tgt Ion:164 Resp: 2874
Ion Ratio Lower Upper
164 100
166 112.0 102.1 153.1
129 97.5 80.6 120.8
131 81.6 77.7 116.5





#59
Chlorobenzene
Concen: 0.250 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

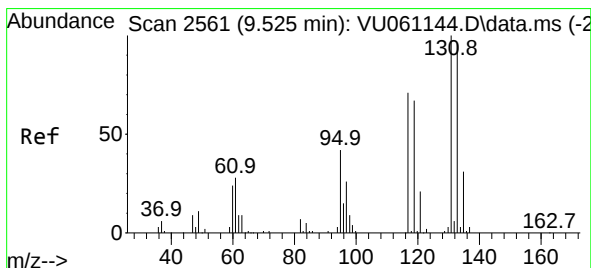
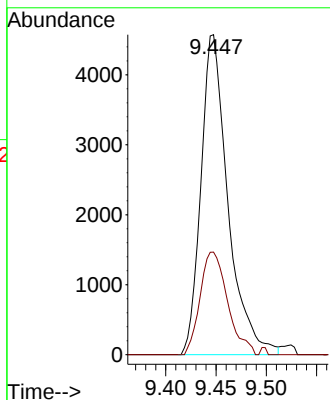
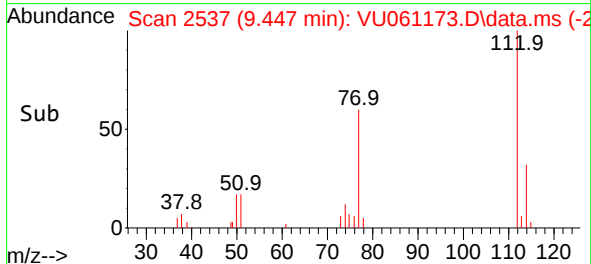
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



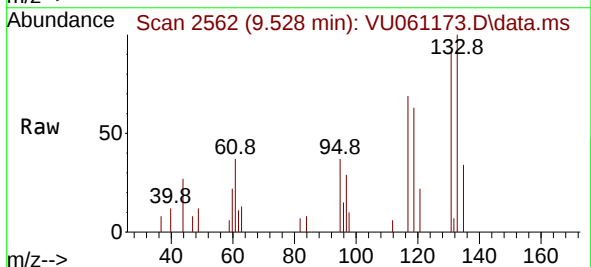
Tgt Ion:112 Resp: 8550
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

Manual Integrations
APPROVED

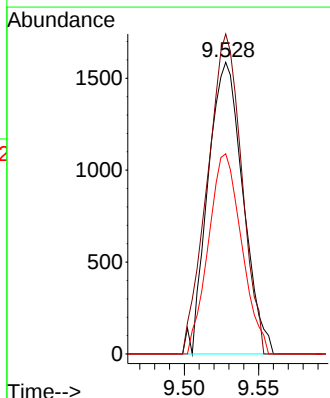
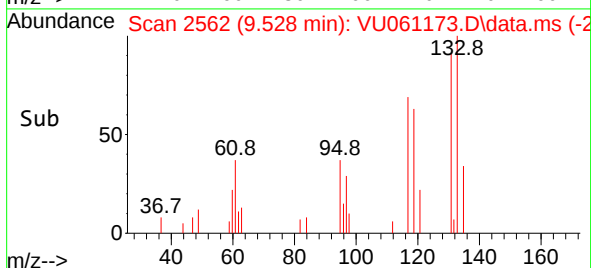
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

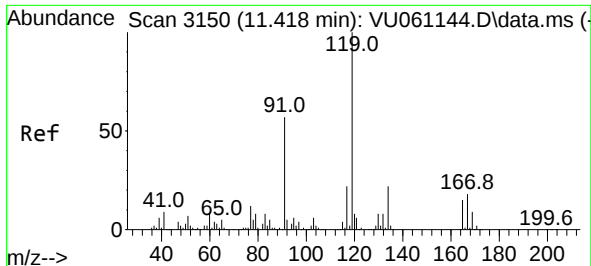


#60
1,1,1,2-Tetrachloroethane
Concen: 0.225 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



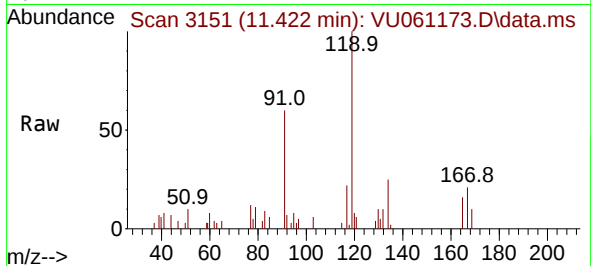
Tgt Ion:131 Resp: 2600
Ion Ratio Lower Upper
131 100
133 107.3 76.8 115.2
119 65.4 54.2 81.2





#61
Pentachloroethane
Concen: 0.228 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

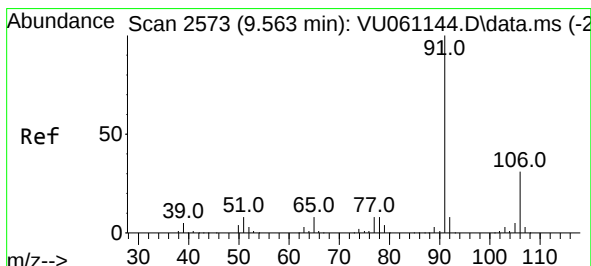
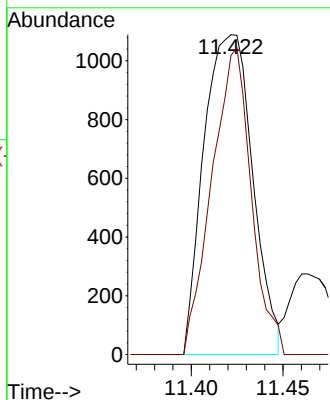
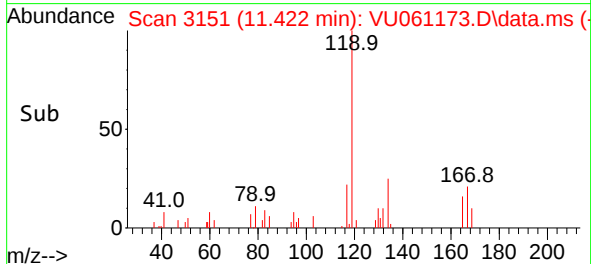
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



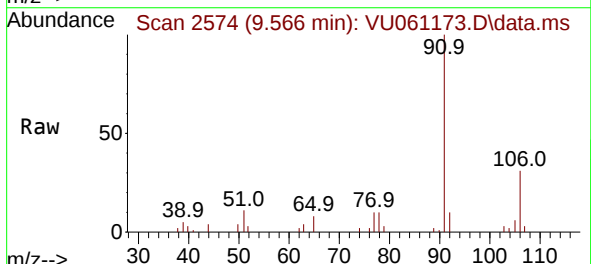
Tgt Ion:117 Resp: 2010
Ion Ratio Lower Upper
117 100
167 77.3 63.4 95.2

Manual Integrations
APPROVED

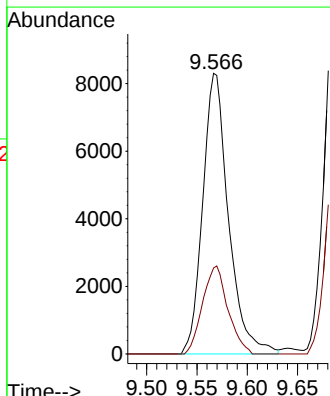
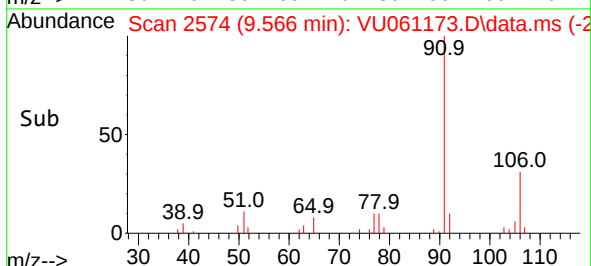
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

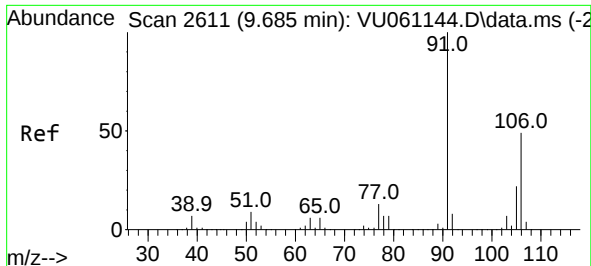


#63
Ethyl Benzene
Concen: 0.241 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



Tgt Ion: 91 Resp: 14798
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0





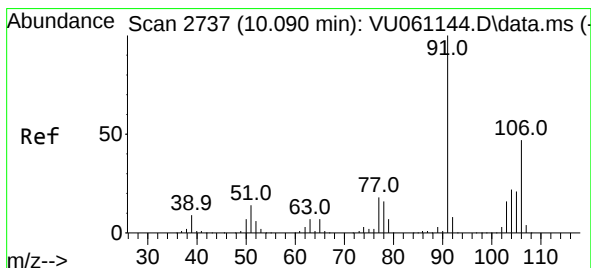
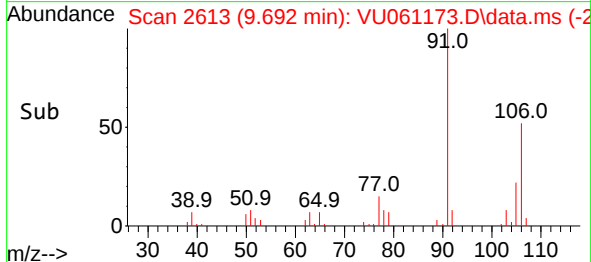
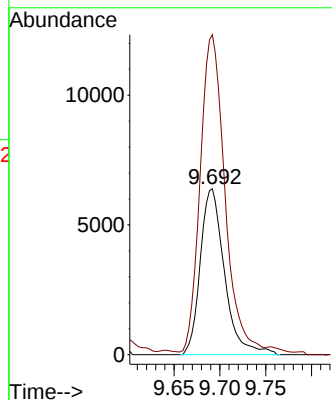
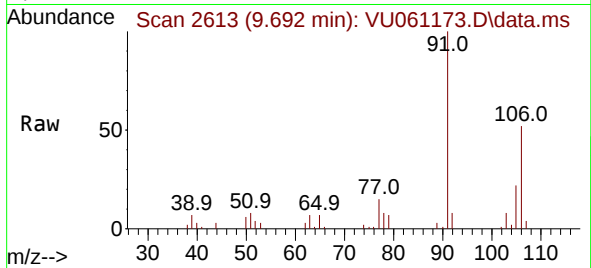
#64
m/p-Xylenes
Concen: 0.503 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:106 Resp: 11738
Ion Ratio Lower Upper
106 100
91 193.5 163.3 244.9

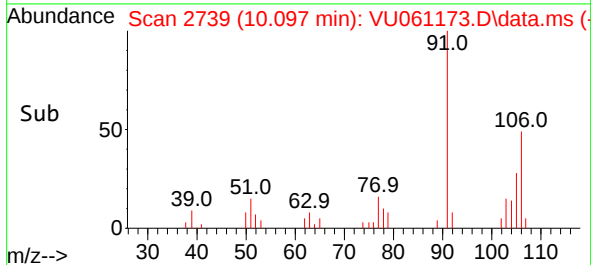
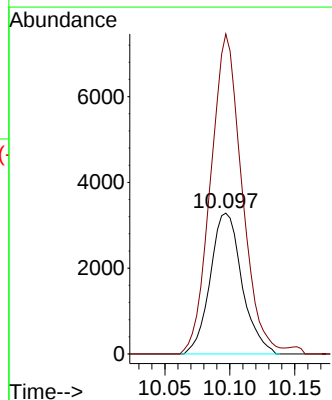
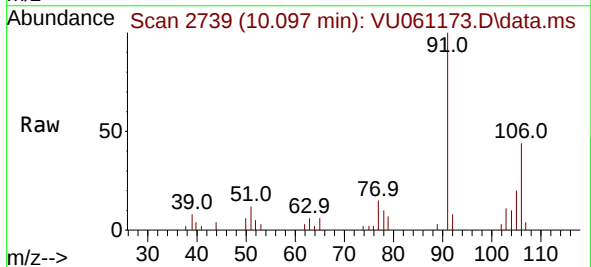
Manual Integrations
APPROVED

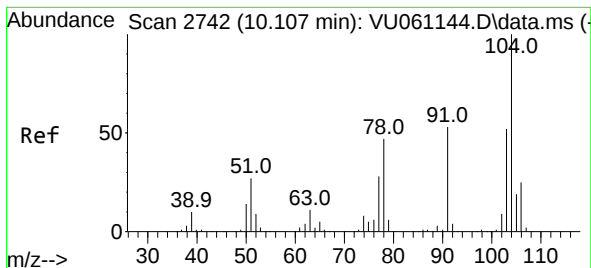
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#65
o-Xylene
Concen: 0.242 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion:106 Resp: 5567
Ion Ratio Lower Upper
106 100
91 224.3 106.9 320.8





#66

Styrene

Concen: 0.224 ug/l

RT: 10.116 min Scan# 2745

Delta R.T. 0.010 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

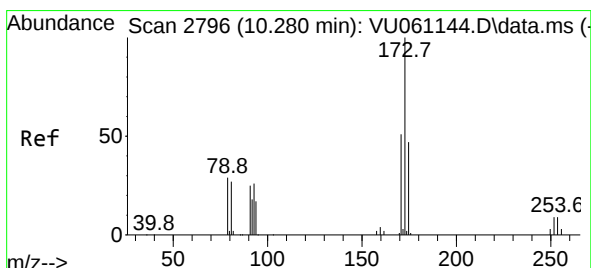
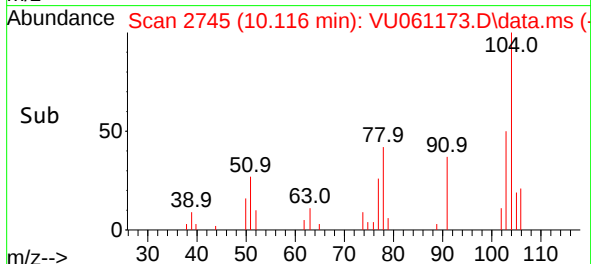
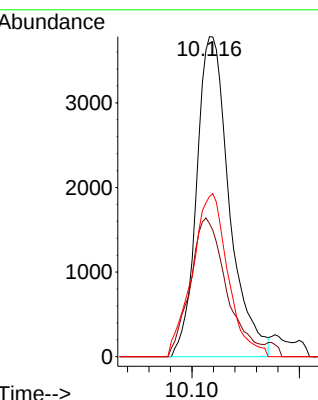
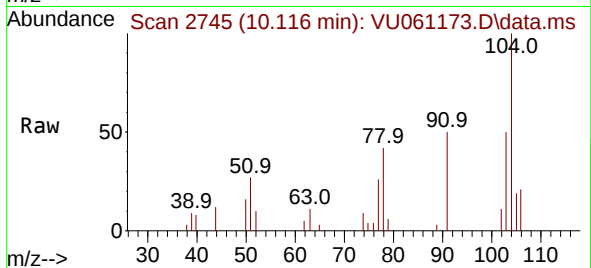
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:104 Resp: 7988
 Ion Ratio Lower Upper
 104 100
 78 48.5 41.6 62.4
 103 55.5 45.0 67.6

Manual Integrations
 APPROVED

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



#67

Bromoform

Concen: 0.215 ug/l

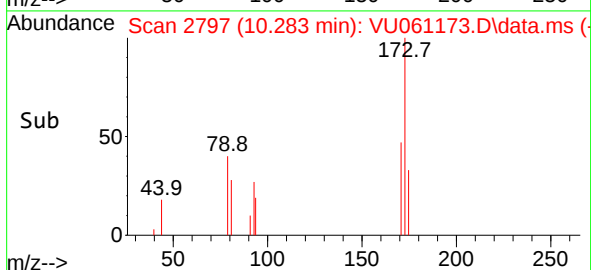
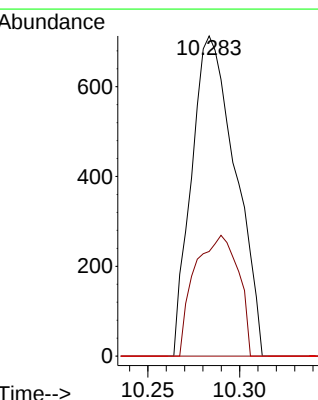
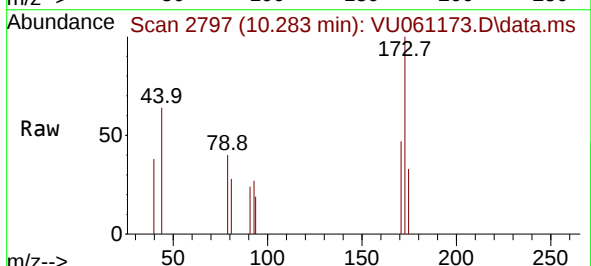
RT: 10.283 min Scan# 2797

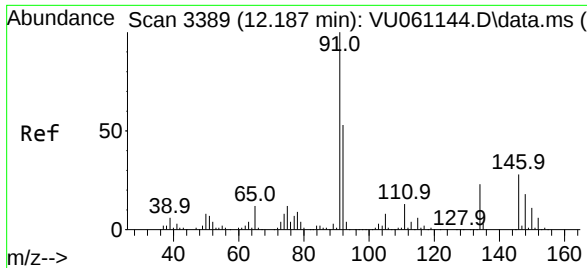
Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

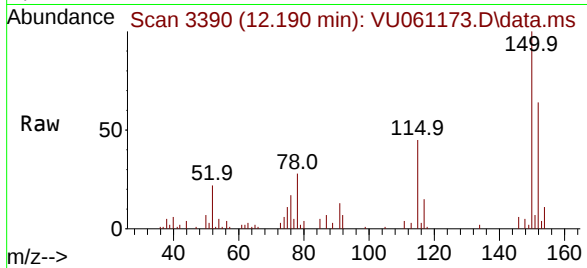
Tgt Ion:173 Resp: 1184
 Ion Ratio Lower Upper
 173 100
 175 37.4 37.8 56.8#
 254 0.0 7.0 10.4#





#68
1,2-Dichlorobenzene-d4
Concen: 0.951 ug/l
RT: 12.190 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

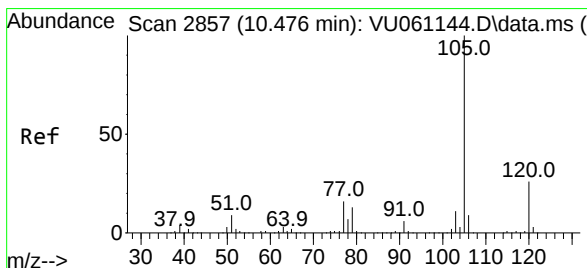
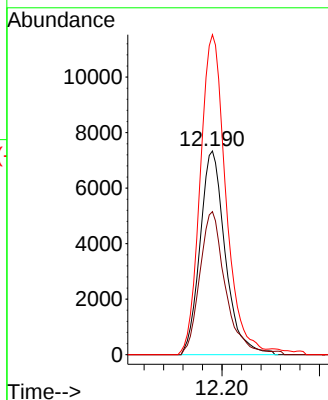
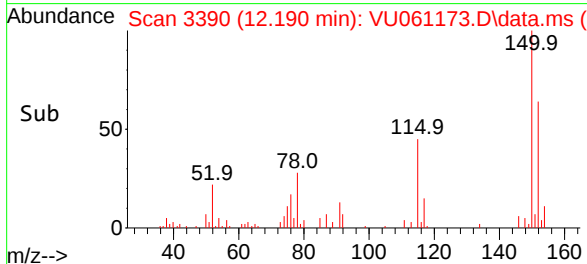
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



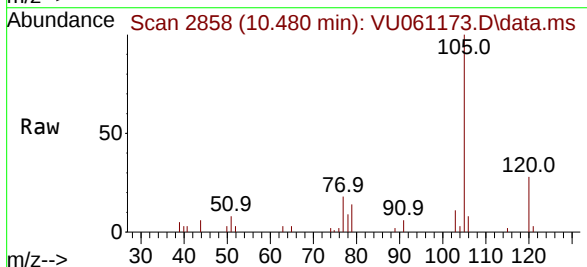
Tgt Ion:152 Resp: 1318
Ion Ratio Lower Upper
152 100
115 71.4 0.0 275.0
150 159.4 0.0 668.8

Manual Integrations
APPROVED

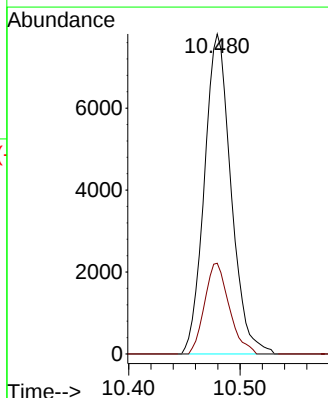
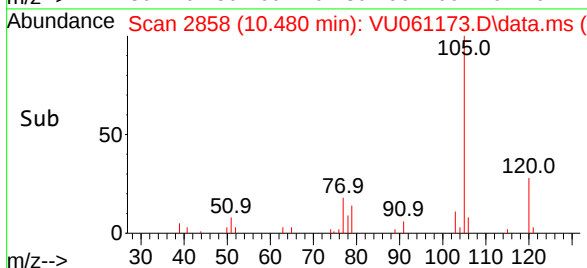
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

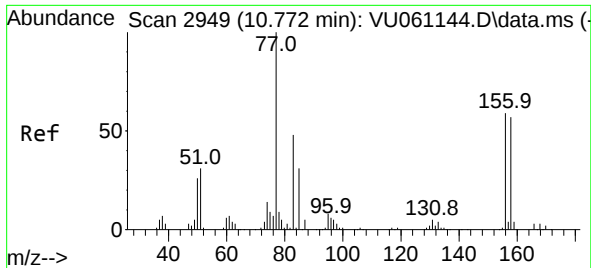


#69
Isopropylbenzene
Concen: 0.237 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



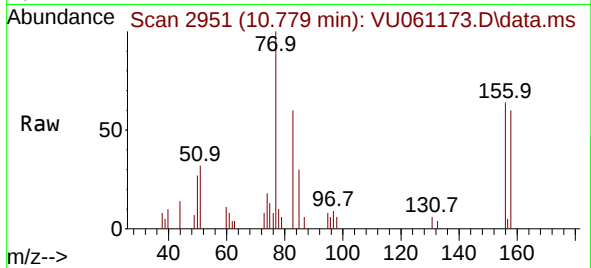
Tgt Ion:105 Resp: 12974
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1





#70
1,1,2,2-Tetrachloroethane
Concen: 0.245 ug/l
RT: 10.779 min Scan# 2949
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

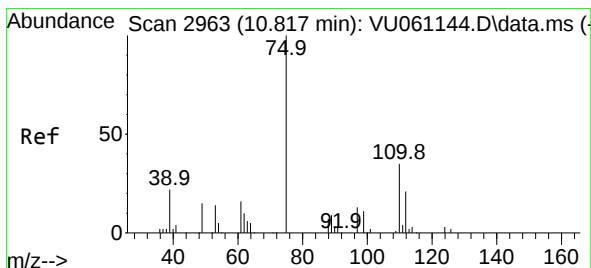
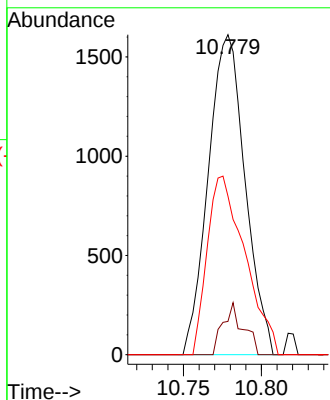
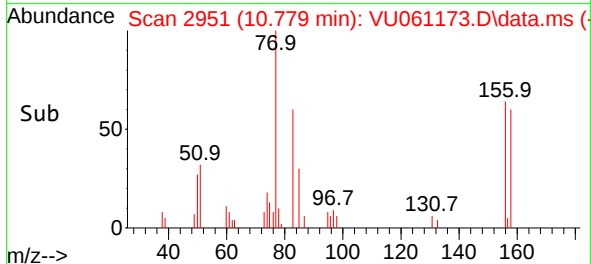
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 83 Resp: 2652
Ion Ratio Lower Upper
83 100
131 8.9 7.8 11.8
85 57.1 50.8 76.2

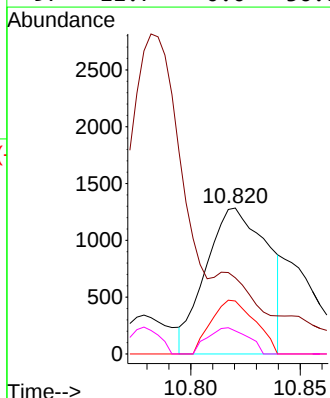
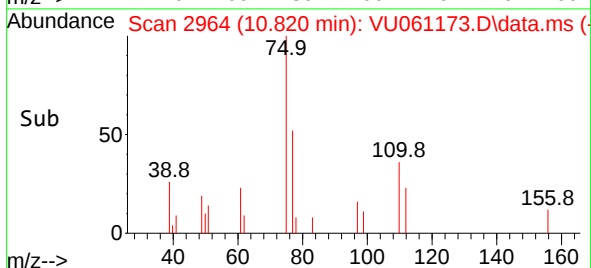
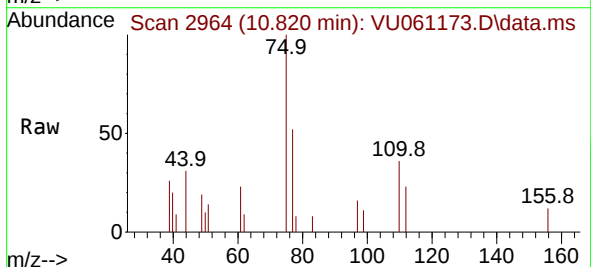
Manual Integrations
APPROVED

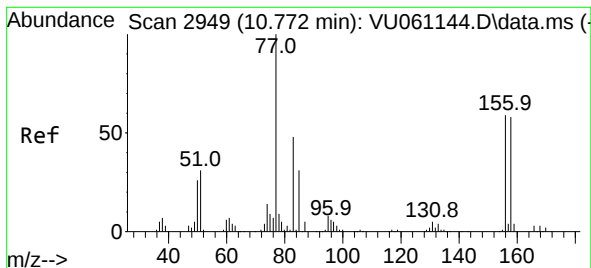
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#71
1,2,3-Trichloropropane
Concen: 0.284 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 75 Resp: 2503
Ion Ratio Lower Upper
75 100
77 33.8 0.0 0.0#
110 26.4 0.0 68.6
97 11.7 0.0 36.8





#72

Bromobenzene

Concen: 0.247 ug/l

RT: 10.782 min Scan# 2949

Delta R.T. 0.010 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

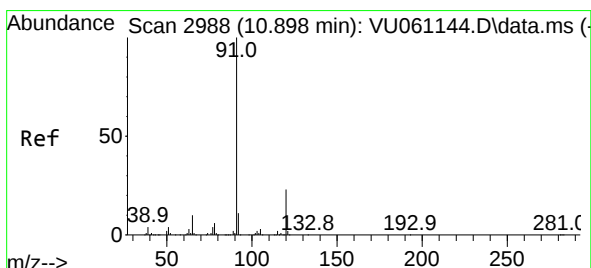
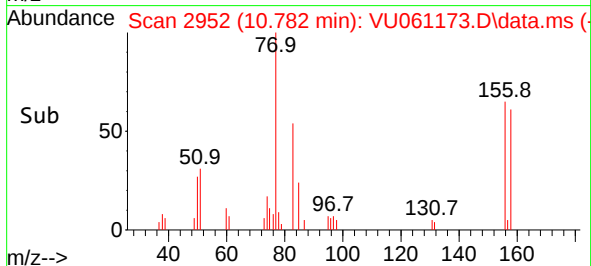
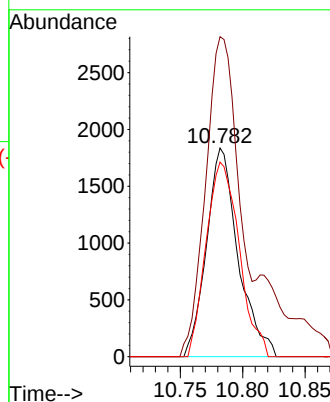
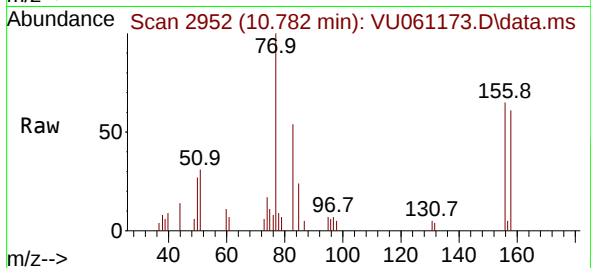
MDL-WATER-03-QT4-2024

Tgt Ion:	156	Resp:	324
Ion Ratio	Lower	Upper	
156	100		
77	161.2	0.0	337.2
158	97.4	0.0	192.8

Manual Integrations

APPROVED

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



#73

n-propylbenzene

Concen: 0.230 ug/l

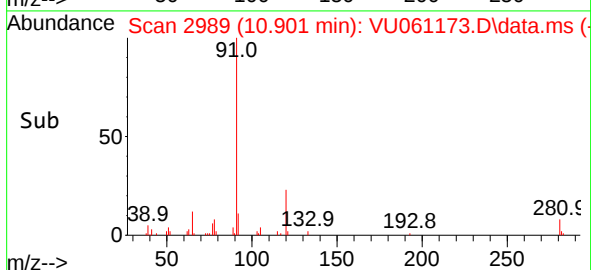
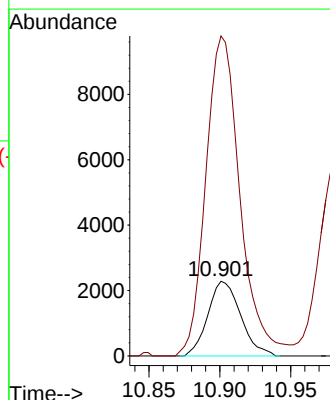
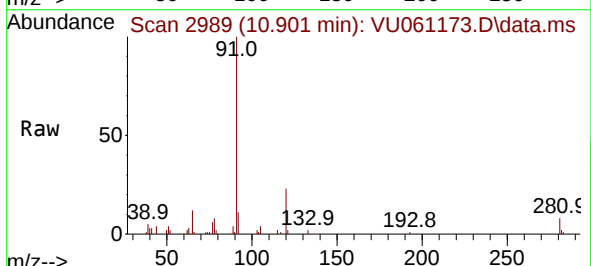
RT: 10.901 min Scan# 2989

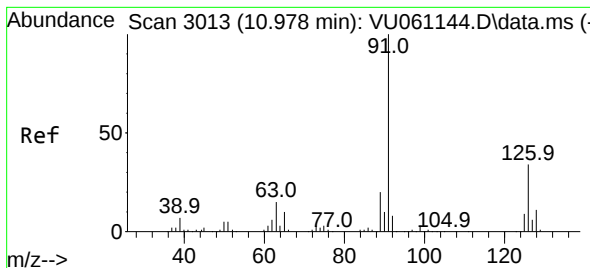
Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion:	120	Resp:	3674
Ion Ratio	Lower	Upper	
120	100		
91	447.4	353.6	530.4





#74

2-Chlorotoluene

Concen: 0.240 ug/l

RT: 10.984 min Scan# 3013

Delta R.T. 0.006 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

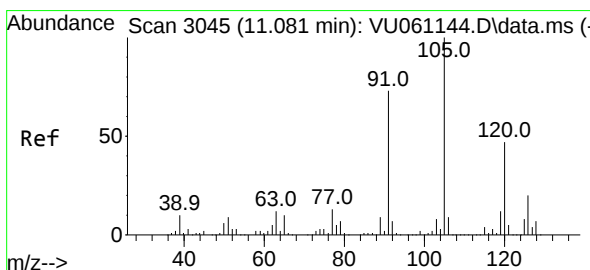
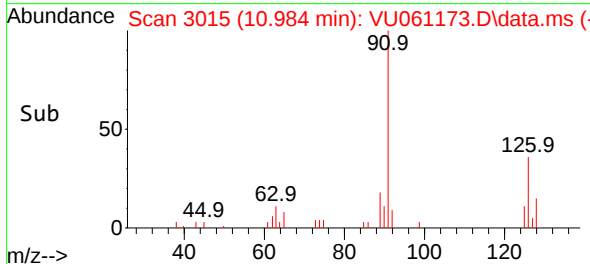
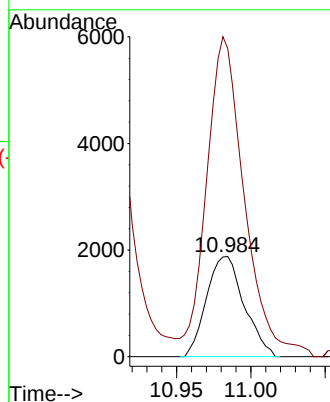
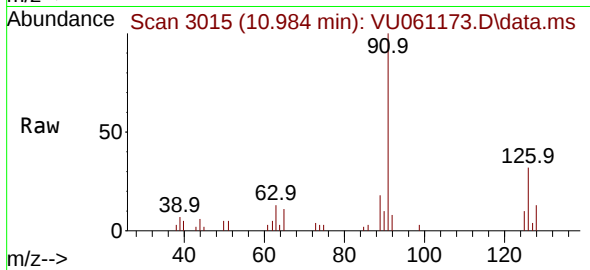
MDL-WATER-03-QT4-2024

Tgt Ion:126 Resp: 3307
 Ion Ratio Lower Upper
 126 100
 91 323.4 0.0 595.2

Manual Integrations

APPROVED

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



#75

1,3,5-Trimethylbenzene

Concen: 0.236 ug/l

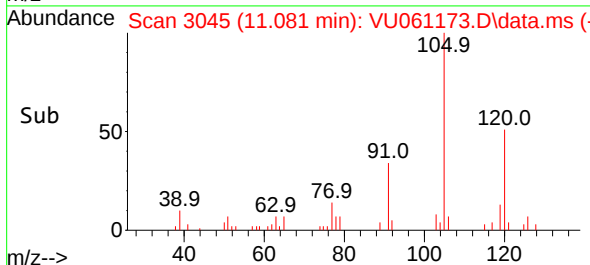
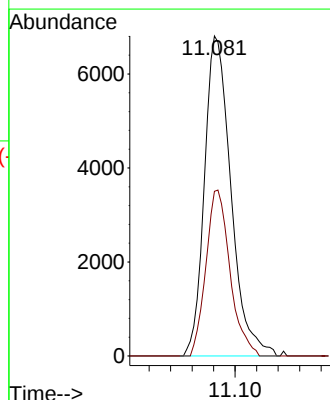
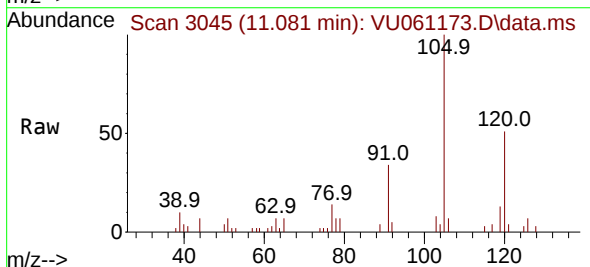
RT: 11.081 min Scan# 3045

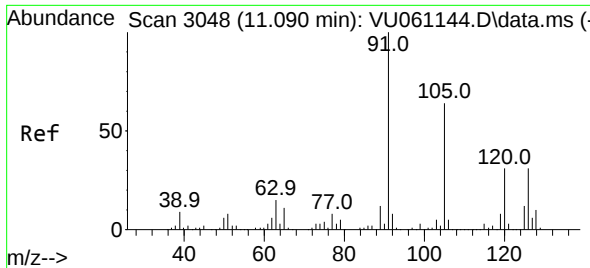
Delta R.T. 0.000 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion:105 Resp: 11649
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.0 57.0





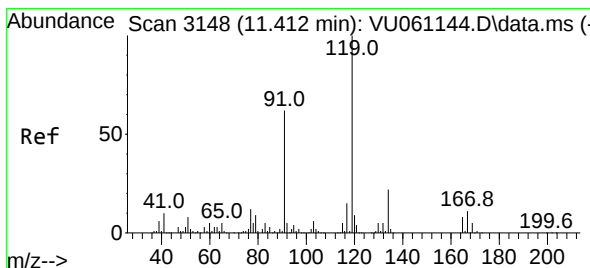
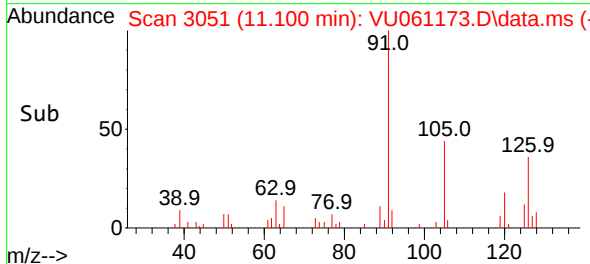
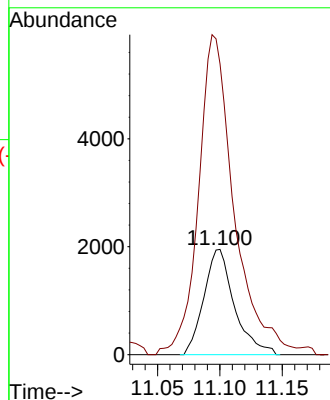
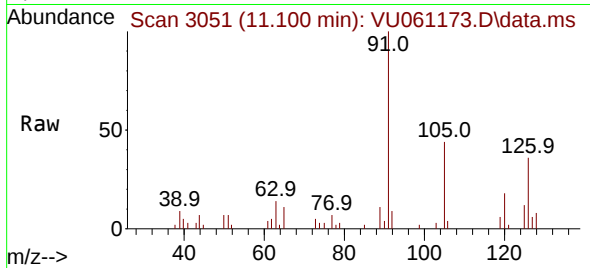
#76
4-Chlorotoluene
Concen: 0.237 ug/l
RT: 11.100 min Scan# 3048
Delta R.T. 0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:126 Resp: 3320
Ion Ratio Lower Upper
126 100
91 353.6 0.0 678.2

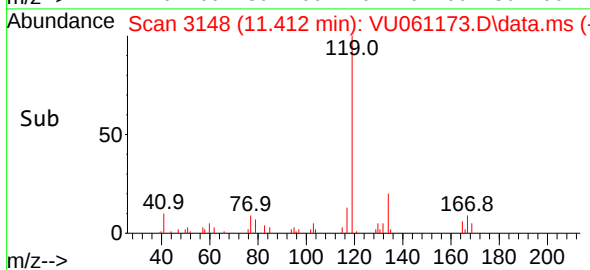
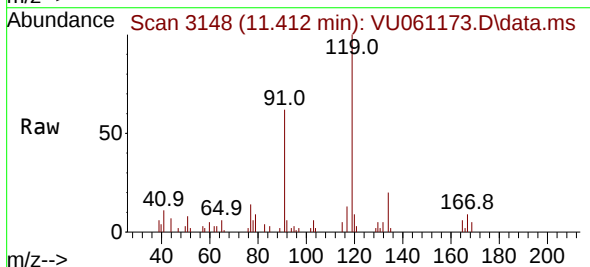
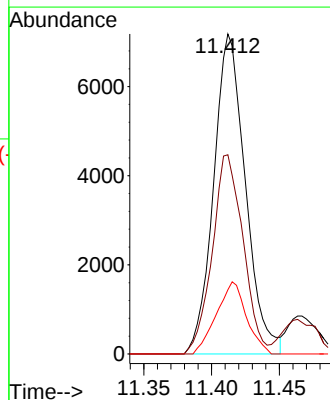
Manual Integrations
APPROVED

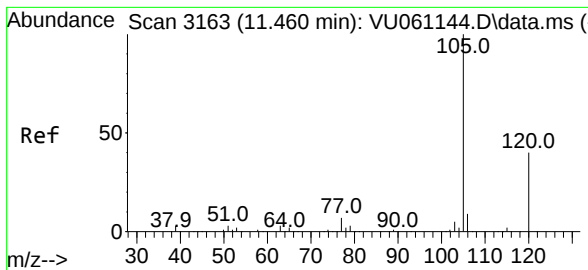
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#77
tert-Butylbenzene
Concen: 0.240 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion:119 Resp: 11692
Ion Ratio Lower Upper
119 100
91 60.3 30.1 90.5
134 21.3 17.5 26.3





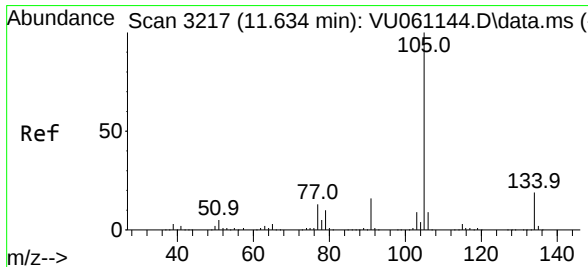
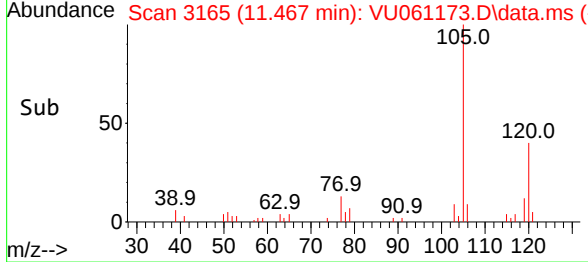
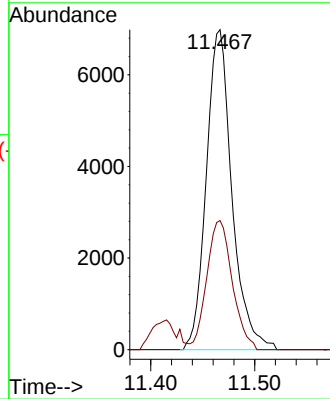
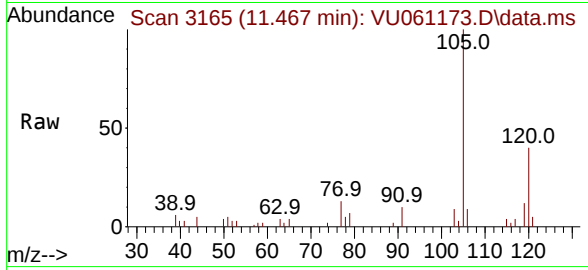
#78
1,2,4-Trimethylbenzene
Concen: 0.240 ug/l
RT: 11.467 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:105 Resp: 11958
Ion Ratio Lower Upper
105 100
120 40.1 22.3 66.9

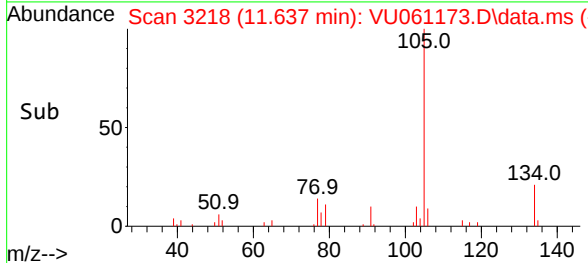
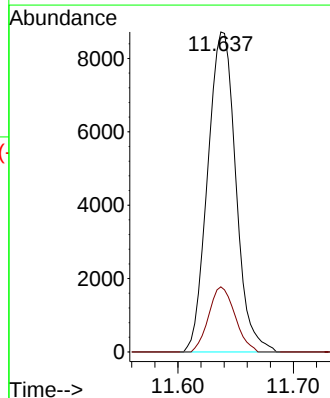
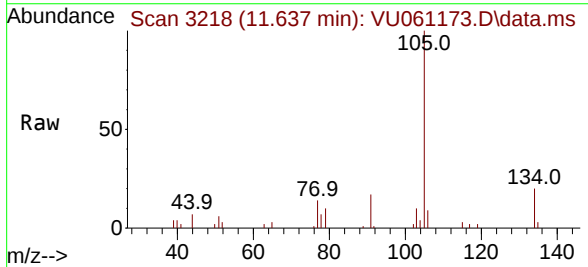
Manual Integrations
APPROVED

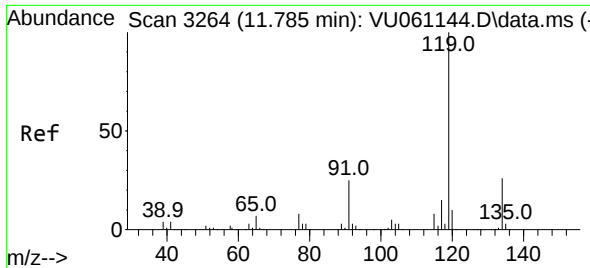
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#79
sec-Butylbenzene
Concen: 0.233 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion:105 Resp: 14752
Ion Ratio Lower Upper
105 100
134 19.0 15.5 23.3





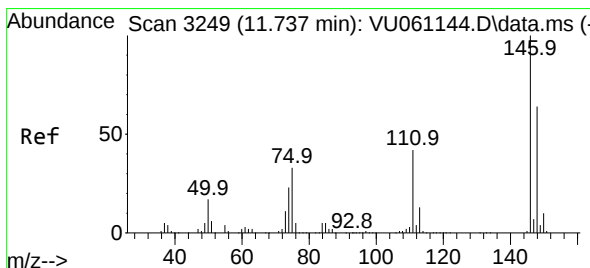
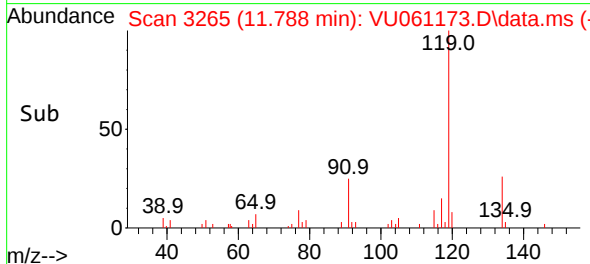
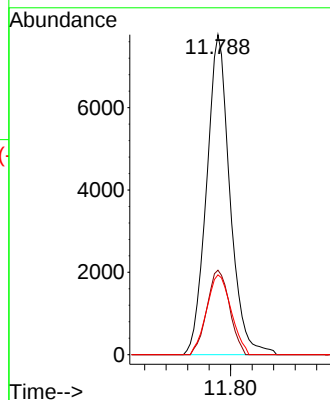
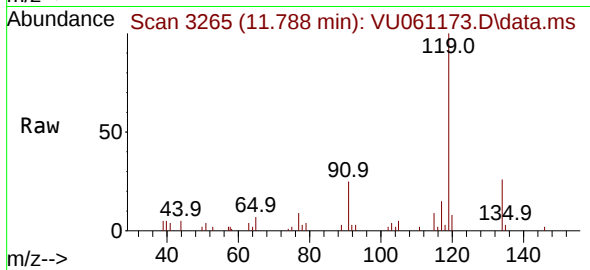
#81
p-Isopropyltoluene
Concen: 0.223 ug/l
RT: 11.788 min Scan# 3170
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:	119	Resp:	11700
Ion Ratio	Lower	Upper	
119	100		
134	25.5	21.0	31.6
91	26.1	19.8	29.8

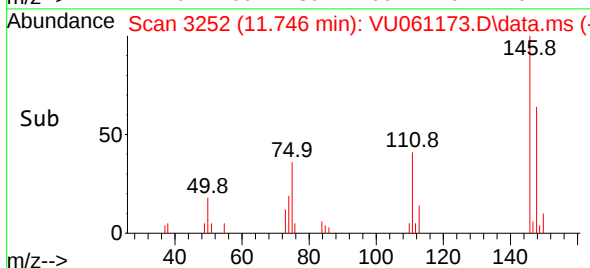
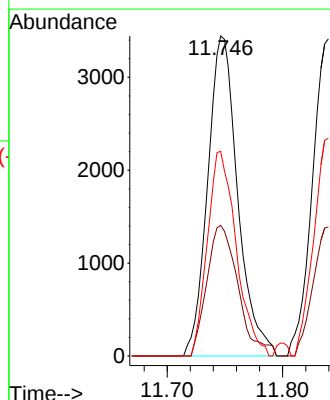
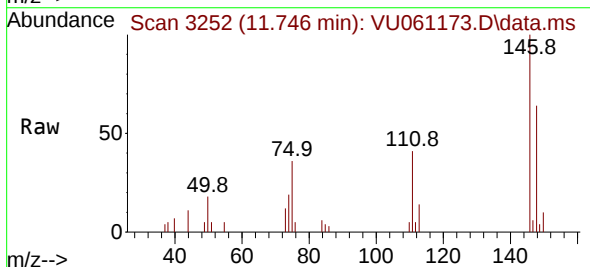
Manual Integrations
APPROVED

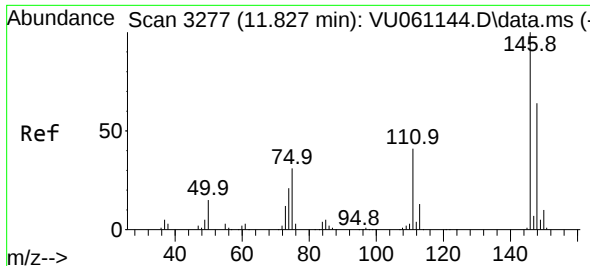
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#82
1,3-Dichlorobenzene
Concen: 0.247 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.010 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

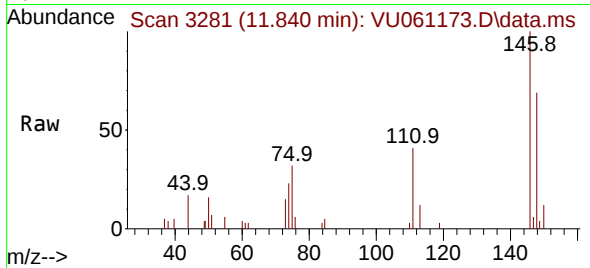
Tgt Ion:	146	Resp:	6226
Ion Ratio	Lower	Upper	
146	100		
111	42.5	34.1	51.1
148	61.3	51.2	76.8





#83
1,4-Dichlorobenzene
Concen: 0.251 ug/l
RT: 11.840 min Scan# 31
Delta R.T. 0.013 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

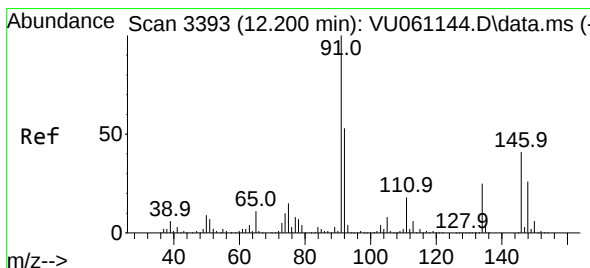
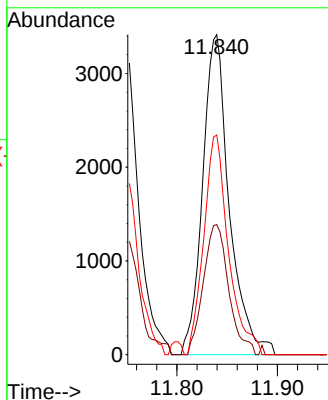
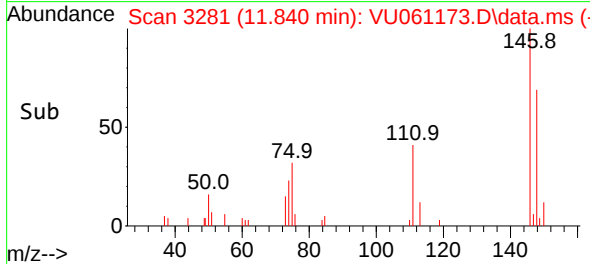
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:146 Resp: 6300
Ion Ratio Lower Upper
146 100
111 38.7 32.1 48.1
148 63.6 50.3 75.5

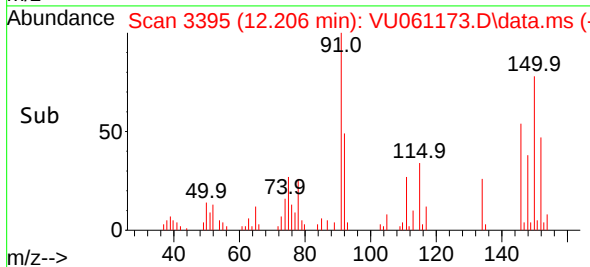
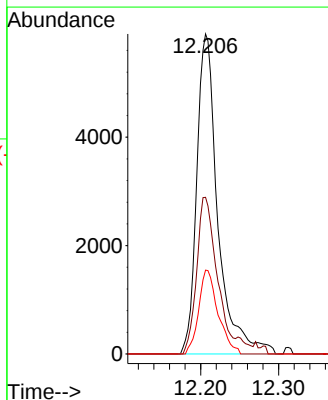
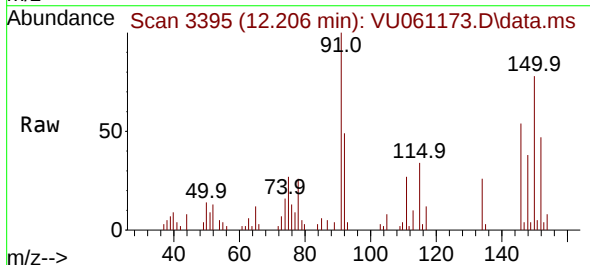
Manual Integrations
APPROVED

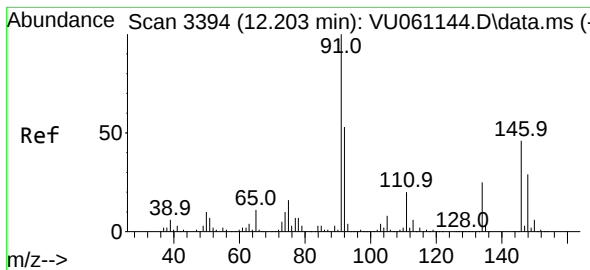
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#84
n-Butylbenzene
Concen: 0.227 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

Tgt Ion: 91 Resp: 11083
Ion Ratio Lower Upper
91 100
92 49.8 41.8 62.8
134 24.1 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.253 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

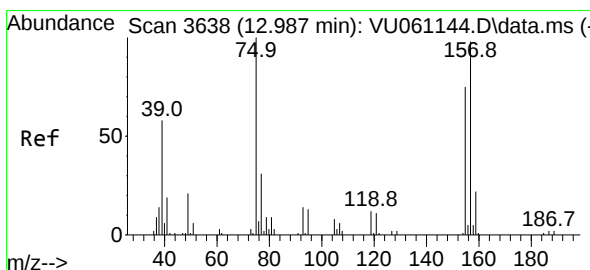
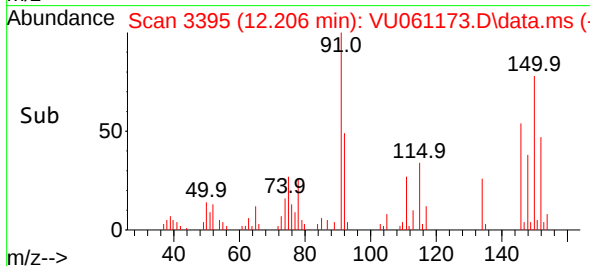
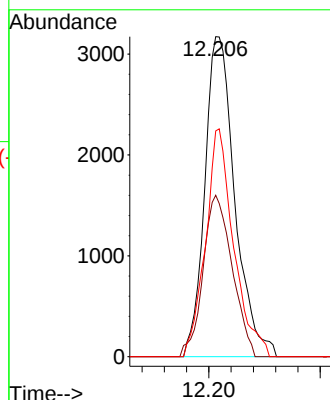
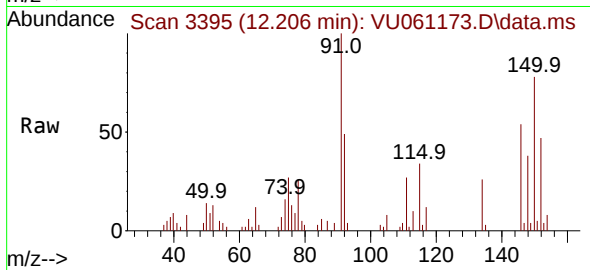
MDL-WATER-03-QT4-2024

Tgt Ion:	146	Resp:	595
Ion Ratio	Lower	Upper	
146	100		
111	48.7	21.9	65.7
148	66.5	31.9	95.5

Manual Integrations

APPROVED

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



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.211 ug/l

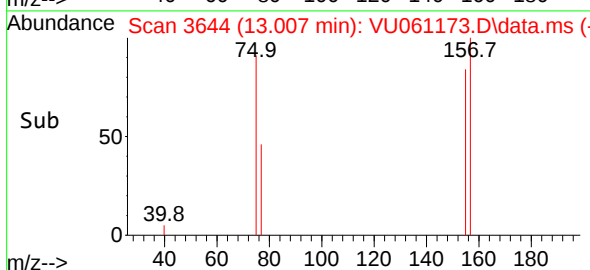
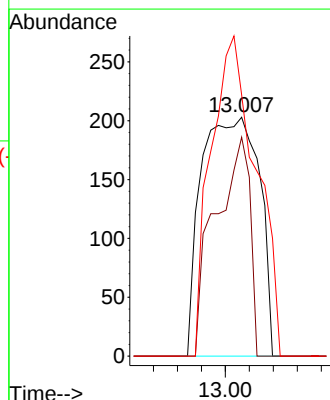
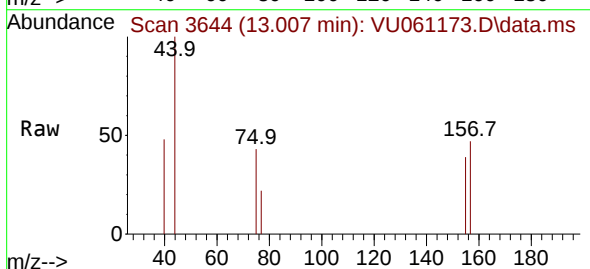
RT: 13.007 min Scan# 3644

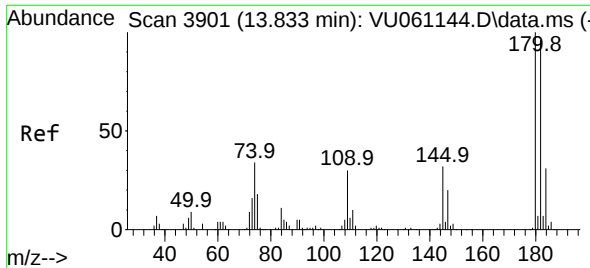
Delta R.T. 0.019 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

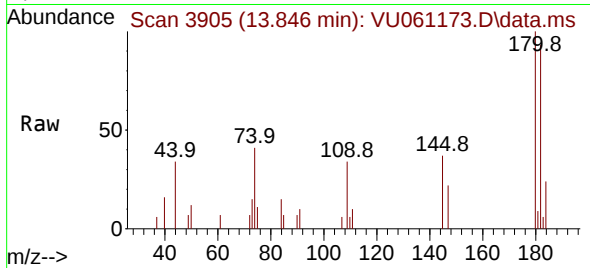
Tgt Ion:	75	Resp:	338
Ion Ratio	Lower	Upper	
75	100		
155	55.0	61.4	92.0#
157	105.0	78.5	117.7





#87
1,2,4-Trichlorobenzene
Concen: 0.241 ug/l
RT: 13.846 min Scan# 3905
Delta R.T. 0.013 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42

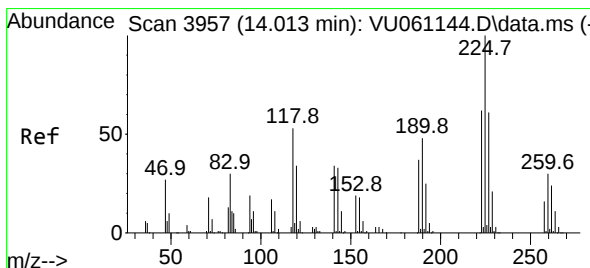
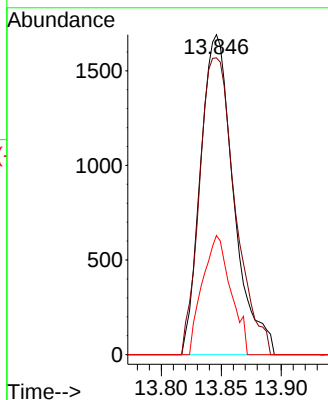
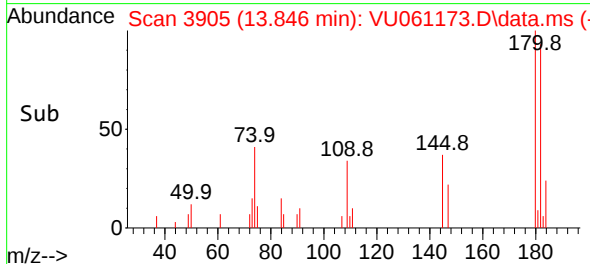
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



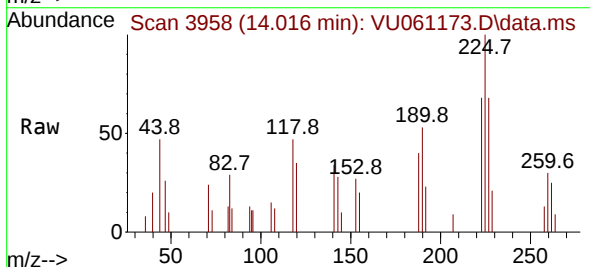
Tgt Ion:180 Resp: 325
Ion Ratio Lower Upper
180 100
182 99.3 77.0 115.6
145 31.7 25.7 38.5

Manual Integrations
APPROVED

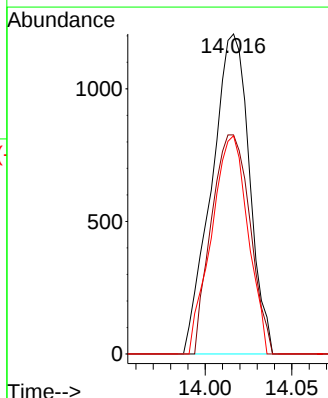
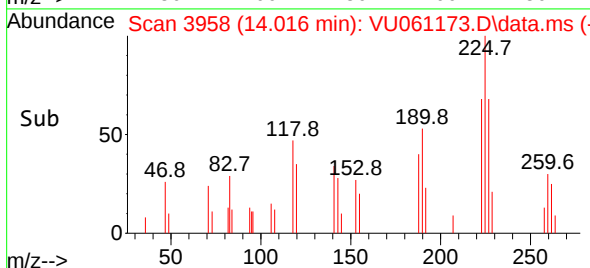
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

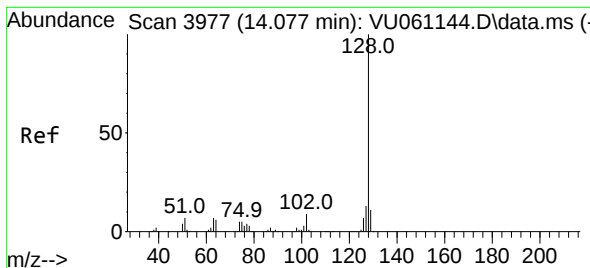


#88
Hexachlorobutadiene
Concen: 0.240 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.003 min
Lab File: VU061173.D
Acq: 21 Oct 2024 15:42



Tgt Ion:225 Resp: 1830
Ion Ratio Lower Upper
225 100
223 69.9 51.4 77.2
227 65.7 50.3 75.5





#89

Naphthalene

Concen: 0.294 ug/l

RT: 14.100 min Scan# 3977

Delta R.T. 0.023 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

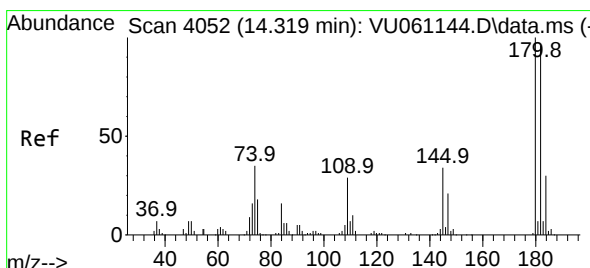
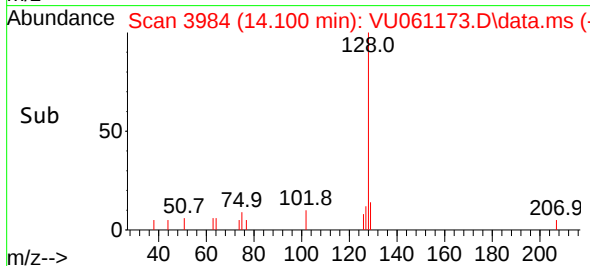
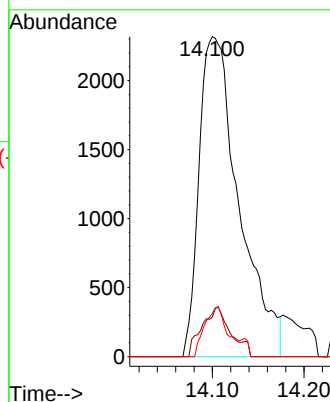
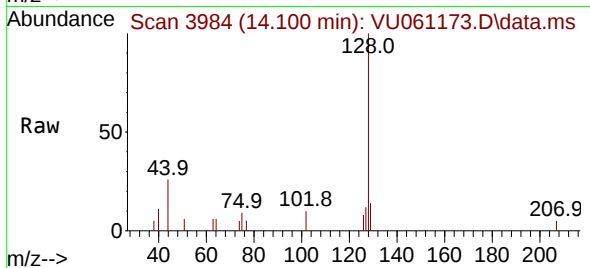
MDL-WATER-03-QT4-2024

Tgt Ion:	128	Resp:	7000
Ion Ratio	Lower	Upper	
128	100		
127	11.1	10.6	16.0
129	9.0	8.7	13.1

Manual Integrations

APPROVED

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



#90

1,2,3-Trichlorobenzene

Concen: 0.272 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.010 min

Lab File: VU061173.D

Acq: 21 Oct 2024 15:42

Tgt Ion:	180	Resp:	3290
Ion Ratio	Lower	Upper	
180	100		
182	98.5	76.2	114.4
145	33.1	26.8	40.2

